ANALISIS PENGARUH PENGUMUMAN DIVIDEN TUNAI TERHADAP *ABNORMAL RETURN* SEBELUM DAN SESUDAH *EX-DIVIDEND DATE*

SKRIPSI

Diajukan kepada Fakultas Ekonomi Universitas Negeri Yogyakarta
untuk Memenuhi Sebagian Persyaratan guna Memperoleh Gelar
Sarjana Ekonomi

Disusun Oleh:

Khoirul Anwar

11408144004

PROGRAM STUDI MANAJEMEN - JURUSAN MANAJEMEN

FAKULTAS EKONOMI

UNIVERSITAS NEGERI YOGYAKARTA

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HALAMAN PERSETUJUAN

Skripsi dengan Judul

ANALISIS PENGARUH PENGUMUMAN DIVIDEN TUNAI TERHADAP *ABNORMAL RETURN* SEBELUM DAN SESUDAH *EX-DIVIDEND DATE*

Oleh :

Khoirul Anwar

NIM. 11408144004

Telah disetujui oleh Dosen Pembimbing untuk diajukan dan dipertahankan di depan Tim Penguji Tugas Akhir Skripsi Jurusan Manajemen Fakultas Ekonomi Universitas Yogyakarta

Yogyakarta, 21 Agustus 2015

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Lina Nur Hidayati, MM

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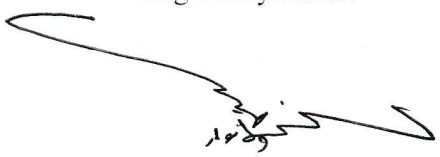
Program Studi : Manajemen

Judul Tugas Akhir : ANALISIS PENGARUH PENGUMUMAN DIVIDEN TUNAI TERHADAP *ABNORMAL RETURN* SEBELUM DAN SESUDAH *EX-DIVIDEND DATE*

Dengan ini, saya menyatakan bahwa skripsi ini benar-benar karya sendiri. sepanjang pengetahuan saya, tidak terdapat karya atau pendapat yang ditulis atau diterbitkan orang lain kecuali sebagai acuan atau kutipan dengan mengikuti tata tulis karya ilmiah yang lazim.

Yogyakarta, 21 Agustus 2015

Yang Menyatakan



Khoirul Anwar

HALAMAN PENGESAHAN

Skripsi yang berjudul "ANALISIS PENGARUH PENGUMUMAN DIVIDEN TUNAI TERHADAP *ABNORMAL RETURN* SEBELUM DAN SESUDAH *EX-DIVIDEND DATE*" yang disusun oleh Khoirul Anwar, dengan NIM 11408144004 ini telah dipertahankan di depan Dewan Penguji pada tanggal 26 Agustus 2015 dan telah dinyatakan lulus:

DEWAN PENGUJI

Nama	Jabatan	Tanda Tangan	Tanggal
Winarno, M.Si	Ketua Penguji	.....	16/9 2015
Lina Nur Hidayati, MM	Sekretaris	.....	17/9 2015
Naning Margasari, M.Si M.BA	Penguji Utama	.....	16/9 -2015

Yogyakarta, 18 September 2015

Fakultas Ekonomi
Universitas Negeri Yogyakarta
Dekan,

Dr. Sugiharsono, M.Si
NIP. 19550328 198303 1 002

MOTTO

بسم الله الرحمن الرحيم

سُبْحَانَكَ لَا عِلْمَ لَنَا اِلَّا مَا عَلَّمْتَنَا اِنَّكَ اَنْتَ الْعَلِيْمُ الْحَكِيْمُ

البقرة (٣٢)

لو كان نور العلم يدرك بالمنى ما كان يبقى فى البرية جاهل

اجهد ولا تكسل ولا تك غافلا فندامة العقب لمن يتكاسل

(للطغرائى)

“ Karena Pria Yang Tidak Dekat Dengan Keluarganya

Bukanlah Seorang Pria Sejati ”

(Don Vito Corleone – The God Father 1972)

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Sebuah karya kecil ini kupersembahkan sebagai rasa cinta dan terima kasihku kepada:

Ibunda Tercinta
Kakak dan Sepupuku Tersayang
Keluarga Besar Misron Ma'ruf
Keluarga Manajemen B1 09 2011

ANALISIS PENGARUH PENGUMUMAN DIVIDEN TUNAI TERHADAP *ABNORMAL RETURN* SEBELUM DAN SESUDAH *EX-DIVIDEND DATE*

Oleh:

Khoirul Anwar
NIM. 11408144004

ABSTRAK

Penelitian ini bertujuan untuk menganalisis pengaruh pengumuman dividen tunai terhadap *abnormal return* sebelum dan sesudah *ex-dividend date*. Periode penelitian yang digunakan dari tahun 2010 sampai dengan 2014.

Jenis penelitian ini adalah *event study*. Populasi dalam penelitian ini adalah seluruh perusahaan yang terdaftar di Bursa Efek Indonesia. Teknik pemilihan sampel dengan *purposive sampling* dan diperoleh 40 perusahaan yang melakukan pengumuman dividen meningkat dan 22 perusahaan yang melakukan pengumuman dividen menurun selama periode tahun 2010-2014. Penentuan *return* estimasi menggunakan *market model* dan model *Fowler* dan *Rorke* untuk mengkoreksi *beta* saham. Alat uji analisis parametrik yang digunakan untuk menguji hipotesis dalam penelitian ini adalah uji *paired t-test*.

Hasil penelitian ini menunjukkan bahwa: (1) Pengumuman dividen meningkat tidak berpengaruh terhadap *abnormal return*, hal ini dibuktikan dengan hasil uji *paired t-test* dengan tingkat signifikansi 0,162 (0,162>0,05) yang berarti tidak terdapat perbedaan yang signifikan antara *abnormal return* sebelum dan sesudah *ex-dividend date*. (2) Pengumuman dividen menurun berpengaruh terhadap *abnormal return*, hal ini dibuktikan dengan hasil uji *paired t-test* dengan tingkat signifikasi 0,02 (0,02<0,05) yang berarti terdapat perbedaan *abnormal return* sebelum dan sesudah *ex-dividend date*

Kata kunci: dividen tunai, *abnormal return, ex-dividend date*

ANALISIS PENGARUH PENGUMUMAN DIVIDEN TUNAI TERHADAP *ABNORMAL RETURN* SEBELUM DAN SESUDAH *EX-DIVIDEND DATE*

Oleh:

Khoirul Anwar
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ABSTRACT

This study aimed to analyze the effect of the announcement of the dividend to the abnormal return before and after the ex-dividend date.The research period from 2010 through 2014.
This type of research is event study. The population in this study are all companies listed on the Indonesia Stock Exchange. Sample selection technique with purposive sampling and obtained 40 companies doing the announcement of dividend increases and 22 companies that perform the dividend announcement decreased during the period 2010-2014. Determination of return estimated using a market model and the model to correct Fowler and Rorke beta stocks. Parametric analysis of test equipment used to test the hypothesis in this study is to test the paired t-test.

The results showed that: (1) The announcement of dividend increase has no effect on abnormal return, this is evidenced by the test results of paired t-test with a significance level of 0.162 (0.162> 0.05), which means there is no significant difference between abnormal returns before and after the ex-dividend date. (2) decreasing effect on the dividend announcement abnormal return, this is evidenced by the test results of paired t-test with a significance level of 0.02 (0.02 <0.05), which means there is a difference of abnormal return before and after the ex-dividend date

Keywords: cash dividends, abnormal return, ex-dividend date

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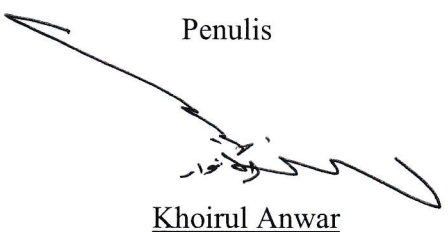
Yogyakarta, 28 Mei 2015

Penulis



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BAB I

PENDAHULUAN

A. Latar Belakang Masalah

Salah satu tujuan masyarakat menyalurkan dana mereka ke bank adalah untuk mendapatkan keuntungan dari bunga yang ditawarkan oleh pihak perbankan. Pada tanggal 18 November 2014, Bank Indonesia menaikkan tingkat suku bunga dari 7,5% menjadi 7,75% hingga sekarang (www.bi.go.id). Hal ini bertujuan untuk menekan inflasi yang terjadi agar masyarakat berminat dalam menyalurkan sisa pendapatan mereka ke jasa perbankan. Namun berdasarkan Berita Resmi Statistik No. 01/01/Th.XVIII yang dikeluarkan Badan Pusat Statistik menebritakan bahwa: tingkat inflasi tahun kalender (Januari–Desember) 2014 dan tingkat inflasi tahun ke tahun (Desember 2014 terhadap Desember 2013) masing-masing sebesar 8,36 %. Tingkat inflasi yang lebih tinggi dari tingkat suku bunga berdampak pada tingkat suku bunga riil yang didapat oleh masyarakat. Suku bunga riil menunjukkan peningkatan yang diharapkan dalam daya beli sesungguhnya dari investor (Keown *et al.,* 2011). Harapan masyarakat atau investor terhadap peningkatan investasinya di dalam bank akan mengalami penurunan karena suku bunga riil mereka negatif, selain itu mereka harus mencari alternatif agar investasi mereka dapat memberikan *return* paling optimal.

Menurut Tandelilin (2007), pasar modal dapat memberikan *return* paling optimal karena pihak yang kelebihan dana (investor) dapat memilih sendiri alternatif investasi yang diinginkan. Alternatif investasi dalam pasar modal bisa berupa saham, obligasi, reksadana dan instrumen derivatif. Beberapa keuntungan

yang didapat investor dari pasar modal adalah dividen dan *capital gain*. Dividen merupakan keuntungan yang harus dibayarkan emiten kepada pemegang saham (Keown *et al.*, 2011), sedangkan *capital gain* merupakan keuntungan yang didapat investor dari fluktuasi harga saham untuk memperoleh selisih harga jual dan beli (Tandelilin, 2007). Salah satu yang mempengaruhi fluktuasi harga saham perusahaan adalah pengumuman dividen yang diumumkan perusahaan pada saat RUPS (Rapat Umum Pemegang Saham). Perusahaan akan mengumumkan dalam RUPS seberapa besar dividen yang akan dibagikan kepada investor, apakah akan lebih besar atau lebih kecil dari periode sebelumnya.

Berdasarkan *Signaling theory* (Bhattacharya, 1979), kebijakan dividen mengandung informasi yang bisa mempengaruhi investor karena teori ini berpendapat bahwa pengumuman dividen mengandung informasi tentang laba serta prospek perusahaan di masa depan. Jika perusahaan membagikan dividen lebih besar dari apa yang diharapkan investor, maka ini merupakan sinyal positif yang meramalkan bahwa laba perusahaan dimasa yang akan datang akan membaik. Begitu pula sebaliknya, jika perusahaan mengumumkan bahwa pengurangan pembayaran dividen, maka ini merupakan sinyal negatif yang meramalkan kondisi laba perusahaan dimasa mendatang akan memburuk. Sinyal-sinyal ini akan digunakan investor untuk memutuskan kebijakan mereka untuk membeli atau menjual saham perusahaan yang mengeluarkan pengumuman dividen. Karena pengumuman dividen dapat mempengaruhi harga saham maka akan ada beberapa pihak tertentu yang menggunakan peristiwa tersebut untuk mendapatkan keuntungan tidak normal atau *abnormal return*, dimana *abnormal*

return didapatkan dari selisih keuntungan yang sesungguhnya dengan keuntungan yang diharapkan (Hartono,2005). Normalnya investor akan mendapatkan *return* sesuai dengan *return* yang diharapkan atas suatu investasi tertentu.

Menurut Sularso (2003), pembagian dividen kepada pemegang saham menyebabkan posisi kas suatu perusahaan semakin berkurang, yang berdampak pada rasio antara hutang dan ekuitas semakin besar. Dampak yang timbul adalah para pelaku pasar akan berpikiran negatif terhadap perusahaan. Hal ini bertentangan dengan teori *the bird in the hand* yang dikemukakan Modigliani dan Miller yang berpendapat bahwa investor lebih menyukai dividen yang dibagikan kepada mereka daripada menginvestasikan kembali keuntungan yang didapatkan untuk perusahaan yang sama atau sejenis dengan memiliki risiko yang sama.

Investor yang mencari keuntungan atas dividen juga harus memperhatikan tanggal-tanggal pada saat pengumuman dividen mulai dari *cum date* hingga *payment date*. Menurut Wibowo dan Melati (2006), investor pada *ex-dividend date* secara otomatis akan berpikir bahwa pembagian dividen akan memberikan dampak pada harga saham. Pemikiran ini disebabkan karena investor telah kehilangan hak atas *return* dari dividen. Menurut Husnan (1998), investor yang berkeinginan mendapat keuntungan dari *capital gain* lebih memilih untuk tidak membeli saham tersebut, dengan demikian harga saham tersebut akan mengalami penurunan. Investor juga akan berpikir bahwa apabila perusahaan mengeluarkan sejumlah uang untuk membayar dividen kepada pemegang saham, maka akan mempengaruhi *cash flow* perusahaan yang nantinya dapat menggangu operasi perusahaan.

Penelitian yang dilakukan Harianto (2011) terkait dengan reaksi investor terhadap pengumuman dividen dan menggunakan model CAPM (*Capital Asset Pricing Model*) untuk menentukan *return* ekspektasi menunjukkan bahwa tidak terdapat perbedaan yang signifikan antara AAR (*Average Abnormal Return*) sebelum dan sesudah pengumuman dividen naik maupun turun. Sedangkan penelitian Wibowo dan Adorini (2006) mengambil objek penelitian reaksi pemegang saham terhadap pengumuman dividen dengan menggunakan CAPM untuk menentukan *return* ekspektasi. Penelitian ini berpendapat bahwa untuk kelompok perusahaan dividen naik tidak terdapat *abnormal return* yang signifikan, namun untuk pengumuman penurunan dividen terdapat *abnormal return* yang signifikan sebelum dan sesudah pengumuman dividen.

Penelitian yang dilakukan Sularso (2003) tentang reaksi investor terhadap pengumuman dividen membuktikan bahwa kelompok dividen naik, masih terdapat *abnormal return* pada hari ke-4 sebelum *event date* sebesar -0,001102 atau sekitar 0,1% dan pada hari ke-5 setelah dan kelompok dividen turun menunjukkan bahwa ada tiga hari bursa yang masih memberikan *abnormal return* yang signifikan, yaitu pada hari ke-13 dan hari ke-2 sebelum *event date* sebesar 0,028263 atau sekitar 2% dan 0,0166274 atau sekitar 1%, serta pada hari ke-5 setelah *event date* sebesar 0,029105 atau sekitar 3%. *Event date* sebesar -0,032184 atau sekitar 3%. Hal ini membuktikan bahwa terdapat perbedaan *abnormal return* sebelum dan sesudah pengumuman dividen baik naik dan turun.

Berdasarkan uraian latar belakang di atas dan hasil berbagai penelitian yang berbeda mengenai pengumuman dividen, maka dirasa perlu melakukan penelitian

untuk mengetahui apakah terdapat perbedaan *abnormal return* sebelum dan sesudah pengumuman dividen, maka penulis bermaksud melakukan penelitian dengan judul "**Analisis Pengaruh Pengumuman Dividen Tunai terhadap *Abnormal Return* Sebelum dan Sesudah *Ex-Dividend Date* 2010-2014**".

B. Identifikasi Masalah

Berdasarkan latar belakang yang telah diuraikan di atas, dapat diidentifikasi masalah sebagai berikut:

1. Suku bunga riil yang diterima masyarakat negatif
2. Penurunan harapan masyarakat atas investasi mereka di bank
3. Beberapa pihak mencoba mendapatkan *return* tidak normal atas suatu peristiwa
4. Investor kurang cermat dalam menganalisis informasi yang dipublikasikan perusahaan.
5. Reaksi pasar yang masih beragam dan hampir kurang tepat terhadap pengumuman dividen.
6. Adanya hasil penelitan terdahulu yang belum konsisten mengenai dampak pengumuman dividen terhadap harga saham.

C. Pembatasan Masalah

Berdasarkan identifikasi masalah di atas, maka permasalahan yang akan dikaji dalam penelitian ini dibatasi pada pengaruh pengumuman dividen meningkat dan pengumuman dividen menurun terhadap *abnormal return* pada perusahaan yang melakukan pengumuman dividen tunai yang terdaftar di Bursa Efek Indonesia periode 2010-2014 .

D. Rumusan Masalah

Berdasarkan pembatasan masalah tersebut, maka perumusan masalah dalam penelitian ini adalah sebagai berikut

1. Apakah terdapat perbedaan *abnormal return* sebelum dan sesudah *ex-dividend date* dengan adanya pengumuman dividen meningkat di Bursa Efek Indonesia?
2. Apakah terdapat perbedaan *abnormal return* sebelum dan sesudah *ex-dividend date* dengan adanya pengumuman dividen menurun di Bursa Efek Indonesia?

E. Tujuan Penelitian

Tujuan dari penelitian ini sebagai berikut:

1. Memberikan bukti mengenai perbedaan *abnormal return* yang ditimbulkan oleh pengumuman dividen naik sebelum dan sesudah *ex-dividend date.*
2. Memberikan bukti mengenai perbedaan *abnormal return* yang ditimbulkan oleh pengumuman dividen turun sebelum dan sesudah *ex-dividend date.*

F. Manfaat Penelitian

Adapun manfaat dari penelitian ini adalah:

1. Bagi investor

   Membantu calon investor maupun investor untuk memberikan informasi tambahan dan menjadi acuan pengambilan keputusan tentang pengaruh dividen tunai terhadap harga saham.

2. Bagi emiten

   Memberikan informasi terhadap emiten sebagai bahan pertimbangan pengambilan kebijakan dalam hubungannya dengan pembagian dividen tunai.

3. Bagi akademisi

   Bagi akademisi penelitian ini memberikan bukti empiris mengenai reaksi pengumuman dividen terhadap harga saham serta melihat apakah terdapat perbedaan sebelum dan sesudah pengumuman dividen.

BAB II

KAJIAN TEORI

A. Landasan Teori

1. Pasar Modal

a. Pengertian pasar modal

Menurut Tandelilin (2010), pasar modal adalah pertemuan antara pihak yang memiliki kelebihan dana dengan pihak yang membutuhkan dana dengan memperjual belikan sekuritas, sedangkan tempat dimana terjadinya jual beli sekuritas disebut dengan bursa efek. Berdasarkan Undang-Undang Pasar Modal Nomor 8 Tahun 1995 pasal 1 mendefinisikan pasar modal sebagai "kegiatan yang bersangkutan dengan penawaran umum dan perdagangan efek, perusahaan publik yang berkaitan dengan efek yang diterbitkannya, serta lembaga dan profesi yang berkaitan dengan efek".

b. Jenis-jenis pasar modal

Samsul (2006), membagi pasar modal menjadi 4 bagian:

1) Pasar pertama (perdana)

Pasar pertama adalah tempat atau sarana bagi perusahaan yang untuk pertama kali menawarkan saham atau obligasi kemasyarakat umum. Dikatakan pertama kali karena sebelumnya perusahaan ini milik perorangan atau beberapa pihak saja, dan sekarang menawarkan kepada masyarakat umum. Penawaran umum awal ini, yang disebut juga *Initial Public Offering* (IPO), telah mengubah status dari perseroan tertutup menjadi perseroan terbuka (Tbk.).

Berikut ini adalah ciri-ciri pasar perdana:

a) Emiten menjual saham kepada masyarakat luas melalui penjamin emisi dengan harga yang telah disepakati antar emiten dan penjamin emisi seperti yang tertera dalam prospektus, atau ada ancer-ancer harga apabila menggunakan sistem *book building.*
b) Pembeli tidak dipungut biaya transaksi.
c) Pembeli belum pasti memperoleh jumlah saham sebanyak yang dipesan, apabila terjadi *oversubscribed.*
d) Investor membeli melalui penjamin emisi atau agen penjual yang ditunjuk.
e) Masa pesanan terbatas.
f) Penawaran melibatkan profesi seperti akuntan publik, notaris, konsultan hukum, dan perusahaan penilai.
g) Pasar perdana disebut juga dengan istilah pasar primer dan pasar kesatu.

2) Pasar kedua (sekunder)

Pasar kedua adalah tempat atau sarana transaksi jual-beli efek antara investor dan harga dibentuk oleh investor melalui perantara efek (anggota bursa).

Berikut ini adalah ciri-ciri pasar kedua:

a) Harga terbentuk oleh investor melalui perantara efek yang berdagang di Bursa Efek
b) Transaksi dibebani biaya jual dan beli.
c) Pesanan dapat berjumlah tidak terbatas

d) Anggota bursa memasukkan tawaran jual atau beli investor ke dalam komputer perdagangan yang disediakan oleh pihak bursa

e) Anggota bursa beli menyelesaikan pembayaran dana kepada Sentral Kliring, kemudian menerima sahamnya dengan cara pemindahbukuan oleh Sentral Kustodian dengan menunjukkan bukti pembayaran dari Sentral Kliring.

f) Anggota bursa jual menyelesaikan penyerahan saham kepada Sentral Kustodian, kemudian menerima dana dengan cara pemindahbukuan oleh Sentral Kliring dengan menunjukkan bukti penyerahan efek dari Sentral Kustodian.

g) Pasar kedua disebut juga dengan istilah bursa efek atau *secondary market.*

3) Pasar ketiga

Pasar ketiga adalah sarana transaksi jual-beli efek antar *market maker* serta investor dan harga dibentuk oleh *market maker*. Investor dapat memilih *market maker* yang memberi harga terbaik dimana *market maker* adalah anggota bursa. Di Indonesia sendiri masih belum ada pasar ketiga. Contoh dari pasar ketiga adalah *NASDAQ*

4) Pasar keempat

Pasar keempat adalah sarana transaksi jual-beli antara investor jual dan investor belitanpa melalui perantara efek. Transaksi dilakukan secara tatap muka antara investor jual dan investor beli.

c. Instrumen pasar modal

Bentuk instrumen di pasar modal disebut efek, yaitu surat berharga yang berupa:

1) Saham

Saham adalah tanda bukti memiliki perusahaan di mana pemiliknya disebut pemegang saham (*stockholder*). Ada dua jenis saham yang beredar di masyarakat, yang pertama saham biasa dan yang kedua saham preferen.

2) Obligasi

Obligasi adalah tanda bukti perusahaan memiliki utang jangka panjang kepada masyarakat. Pihak yang membeli obligasi disebut *bondholder*. Pada saat pelunasan obligasi oleh perusahaan, pemegang obligasi akan menerima kupon dan pokok obligasi.

3) Bukti *right*

Bukti *right* adalah hak untuk membeli saham pada harga tertentu dalam jangka waktu tertentu. Hak membeli itu dimiliki oleh pemegang saham lama.

4) Bukti waran

Hak untuk membeli saham pada harga tertentu dalam jangka waktu tertentu. Waran tidak saja dapat diberikan kepada pemegang saham lama, tetapi juga sering diberikan kepada *bondholder* sebagai pemanis pada saat perusahaan menerbitkan obligasi.

d. Efisiensi Pasar Modal

Pasar yang efisien adalah pasar dimana harga semua sekuritas yang diperdagangkan telah mencerminkan semua informasi yang tersedia (Harjanti dan Tandelilin, 2007). Menurut Husnan (2005), pasar modal yang efisien merupakan pasar yang harga-harga sekuritas-sekuritasnya telah mencerminkan semua informasi yang relevan. Semakin cepat informasi baru tercermin pada harga sekuritas, maka semakin efisien pasar tersebut. Dengan demikian akan sangat sulit bagi para pemodal untuk mendapatkan tingkat keuntungan di atas normal secara konsisten dengan melakukan transaksi perdagangan di Bursa Efek. Beberapa kondisi yang harus terpenuhi untuk tercapainya pasar yang efisien yaitu:

1) Ada banyak investor yang rasional dan berusaha untuk memaksimalkan keuntungan,
2) Semua pelaku pasar dapat memperoleh informasi pada saat yang sama dengan cara yang mudah dan murah,
3) Informasi yang terjadi bersifat acak, dan
4) Investor bereaksi secara cepat terhadap informasi baru, sehingga harga sekuritas berubah sesuai dengan perubahan nilai sebenarnya akibat informasi tersebut.

Fama (1970) mengklasifikasikan bentuk pasar yang efisien ke dalam tiga *efficient market hypothesis* (EMH), yaitu:

1) Efisiensi Pasar Bentuk Lemah (*weak form*)

Pasar dikatakan efisien dalam bentuk lemah jika harga surat berharga saat ini betul-betul menggambarkan seluruh informasi yang terkandung dalam harga-harga surat berharga di masa-masa lalu. Informasi masa lalu merupakan informasi yang sudah terjadi. Jika pasar efisien dalam bentuk lemah, maka nilai-nilai masa lalu tidak dapat dipergunakan untuk memprediksi harga sekarang. Ini berarti bahwa untuk pasar yang efisien dalam bentuk lemah investor tidak dapat menggunakan informasi masa lalu untuk mendapatkan *abnormal return.*

2) Efisiensi Pasar Bentuk Setengah Kuat (*semi strong form*)

Pasar dikatakan efisien dalam bentuk setengah kuat jika harga-harga surat berharga betul-betul menggambarkan seluruh informasi yang dipublikasikan. Jadi tak seorang pun investor yang mampu memperoleh tingkat pengembalian yang berlebihan dengan hanya menggunakan sumber-sumber informasi yang dipublikasikan. Termasuk jenis informasi ini adalah laporan tahunan perusahaan atau informasi yang disajikan dalam prospektus, informasi mengenai posisi perusahaan pesaing, maupun harga saham historis.

3) Efisiensi Pasar Bentuk Kuat (*strong form*)

Pasar dikatakan efisien dalam bentuk kuat jika harga-harga sekuritas secara penuh mencerminkan semua informasi yang tersedia, termasuk informasi yang privat. Jika pasar modal efisien dalam bentuk ini maka

tidak ada individual atau kelompok dari investor yang dapat memperoleh *abnormal return*

2. Saham

Menurut Samsul (2006), saham adalah tanda bukti memiliki perusahaan di mana pemiliknya disebut pemegang saham (*stockholder*). Adapun menurut Husnan (2005), saham merupakan secarik kertas yang menunjukkan hak pemodal (yaitu pihak yang memiliki kertas tersebut) untuk memperoleh bagian dari prospek atau kekayaan organisasi yang menerbitkan sekuritas tersebut dan berbagai kondisi yang memungkinkan pemodal tersebut menjalankan haknya.

Menurut Darmadji (2001), ada beberapa sudut pandang untuk membedakan jenis-jenis saham yaitu:

a. Ditinjau dari segi kemampuan dalam hak tagih:

1) Saham Biasa (*common stock*)

Saham biasa merupakan saham yang memiliki hak klaim berdasarkan laba atau rugi yang diperoleh perusahaan. Bila terjadi likuidasi, pemegang saham biasa yang mendapatkan prioritas paling akhir dalam pembagian dividen dari penjualan asset perusahaan. Menurut Siamat (2004), ciri-ciri dari saham biasa adalah sebagai berikut:

a) Dividen dibayarkan sepanjang perusahaan memperoleh laba.

b) Memiliki hak suara (*one share one vote*).

c) Hak memperoleh pembagian kekayaan perusahaan paling akhir apabila bangkrut setelah semua kewajiban perusahaan dilunasi.

2) Saham Preferen (*Preferred Stock*)

Saham preferen merupakan saham dengan bagian hasil yang tetap dan apabila perusahaan mengalami kerugian maka pemegang saham preferen akan mendapat prioritas utama dalam pembagian hasil atas penjualan asset. Saham preferen mempunyai sifat gabungan antara obligasi dan saham biasa. Adapun ciri-ciri dari saham preferen menurut Siamat (2004) adalah:

a) Memiliki hak paling dahulu memperoleh dividen.

b) Tidak memiliki hak suara.

c) Dapat mempengaruhi manajemen perusahaan terutama dalam pencalonan pengurus.

d) Memiliki hak pembayaran sebesar nilai nominal saham lebih dahulu setelah kreditur apabila perusahaan dilikuidasi.

b. Ditinjau dari cara peralihan:

1) Saham Atas Unjuk (*Bearer Stocks*)

Pada saham atas unjuk tidak tertulis nama pemiliknya, agar mudah dipindahtangankan dari satu investor ke investor lainnya. Secara hukum, siapapun yang memegang saham ini, maka akan diakui sebagai pemiliknya dan berhak untuk ikut hadir dalam RUPS.

2) Saham Atas Nama (*Registered Stocks*)

Saham atas nama merupakan saham yang ditulis dengan jelas siapa nama pemiliknya, di mana cara peralihannya harus melalui prosedur tertentu.

e. Ditinjau dari kinerja perdagangan:

1) *Blue Chip Stocks*

Saham biasa dari suatu perusahaan yang memiliki reputasi tinggi, sebagai *leader* di industri sejenis, memiliki pendapatan yang stabil dan konsisten dalam membayar dividen.

2) *Income Stocks*

Saham dari suatu emiten yang memiliki kemampuan membayar dividen lebih tinggi dari rata-rata dividen yang dibayarkan pada tahun sebelumnya. Emiten seperti ini biasanya mampu menciptakan pendapatan yang lebih tinggi dan secara teratur membagikan dividen tunai. Emiten ini tidak suka menekan laba dan tidak mementingkan potensi.

3) *Growth Stocks*

Saham-saham dari emiten yang memiliki pertumbuhan pendapatan yang tinggi, sebagai *leader* di industri sejenis yang mempunyai reputasi tinggi.

4) *Speculative Stock*

Saham suatu perusahaan yang tidak bisa secara konsisten memperoleh penghasilan dari tahun ke tahun, akan tetapi mempunyai

kemungkinan penghasilan yang tinggi di masa mendatang, meskipun belum pasti.

5) *Counter Cyclical Stocks*

Saham yang tidak terpengaruh oleh kondisi ekonomi makro maupun situasi bisnis secara umum. Pada saat resesi ekonomi, harga saham ini tetap tinggi, di mana emitennya mampu memberikan dividen yang tinggi sebagai akibat dari kemampuan emiten dalam memperoleh penghasilan yang tinggi pada masa resesi.

3. Dividen

Dividen merupakan nilai pendapatan bersih perusahaan setelah pajak dikurangi dengan laba ditahan (*retained earnings*) yang ditahan sebagai cadangan bagi perusahaan (Ang, 1997). Pembagian dividen ditentukan berdasarkan kebijakan pada perusahaan tersebut. Kebijakan dividen menentukan pembagian laba bersih antara pembayaran kepada pemegang saham sebagai dividen atau ditahan untuk diinvestasikan kembali ke dalam perusahaan. Laba ditahan (*retained earning*) merupakan salah satu sumber dana paling penting untuk membiayai pertumbuhan perusahaan, akan tetapi dividen merupakan arus kas yang harus disisihkan untuk pemegang saham. Berapa bagian yang harus dibagikan dinyatakan dalam ukuran *payout ratio* yang merupakan rasio antara dividen dan laba ditahan. Kebijakan dividen merupakan salah satu keputusan penting dalam kaitannya dengan usaha untuk memaksimalkan nilai perusahaan.

Menurut Van Horne dan Wachowicz (1998) mengatakan :

> ”Kebijakan dividen merupakan bagian yang menyatu dengan keputusan pendanaan perusahaan. Rasio pembayaran dividen (*dividend payout ratio*) menentukan jumlah laba yang dapat ditahan sebagai sumber pendanaan. Semakin besar laba ditahan semakin sedikit jumlah laba yang dialokasikan untuk pembayaran dividen. Alokasi penentuan laba sebagai laba ditahan dan pembayaran dividen merupakan aspek utama dalam kebijakan dividen.”

Sedangkan Sartono (2011) menjelaskan tentang pengertian kebijakan dividen : “Kebijakan dividen adalah keputusan apakah laba yang diperoleh perusahaan akan dibagikan kepada pemegang saham sebagai dividen atau akan ditahan dalam bentuk laba ditahan guna pembiayaan investasi di masa mendatang.”

4. Teori Kebijakan Dividen

a. Teori Ketidakrelevanan Kebijakan Dividen

Sebagaimana dikemukakan oleh Van Horne dan Wachowicz (1998), bahwa Modigliani dan Miller memberikan argumen yang paling lengkap mengenai ketidakrelevanan dividen. Mereka berpendapat bahwa nilai suatu perusahaan sepenuhnya ditentukan oleh kekuatan aktiva perusahaan dalam menghasilkan laba, atau kebijakan investasinya dan perlakuan alokasi laba menjadi dividen dan laba ditahan tidak mempengaruhi nilai perusahaan. Pokok persoalan argumen Modigliani dan Miller adalah bahwa pengaruh pembayaran dividen kepada pemegang saham sepenuhnya diimbangi oleh sarana pendanaan lainnya. Ketidakrelevanan dividen menyatakan bahwa nilai sekarang dividen dimasa depan tidak akan berubah walaupun terdapat perubahan waktu dan pembayaran dividen menurut kebijakan dividen.

Ketidakrelevanan dividen juga menggunakan asumsi bahwa laba perusahaan di masa depan dapat diketahui dengan pasti dan terdapat pasar modal yang sempurna yang berarti bahwa:

1) Investor dapat membeli dan menjual saham tanpa terjadinya biaya transaksi, seperti komisi pialang,
2) Perusahaan dapat menerbitkan saham tanpa biaya apa pun,
3) Tidak ada pajak perusahaan,
4) Informasi yang lengkap mengenai perusahaan tersedia,
5) Tak ada konflik kepentingan antara manajemen dan pemegang saham, dan
6) Biaya kesulitan keuangan dan kebangkrutan tidak ada.

Jelas kiranya bahwa asumsi-asumsi tersebut tidak terjadi di dunia nyata. Perusahaan dan investor sudah barang tentu membayar pajak pendapatan, perusahaan pasti membayar biaya emisi, manajer seringkali lebih tahu tentang prospek perusahaan daripada investor luar, investor mengeluarkan biaya untuk transakasi saham dan baik pajak maupun biaya transaksi dapat menyebabkan biaya ekuitas perusahaan dipengaruhi oleh kebijakan dividen.

b. Teori *Bird In The Hand*

Salah satu asumsi dalam pendekatan Modigliani dan Miller dikemukakan oleh Sartono (2001) adalah bahwa kebijakan dividen tidak mempengaruhi tingkat keuntungan yang disyaratkan oleh investor. Sementara itu Myron Gordon dan John Lintner berpendapat bahwa

investor akan meningkat sebagai akibat penurunan pembayaran dividen. Investor lebih merasa aman untuk memperoleh pendapatan berupa pembayaran dividen daripada menunggu biaya modal (*capital gain*). Gordon dan Lintner beranggapan bahwa sesungguhnya investor lebih menghargai uang yang diharapkan dari dividen daripada uang yang diharapkan dari kenaikan nilai modal karena unsur dividen *yield* (D1/Po) lebih kecil risikonya jika dibanding dengan unsur pertumbuhan (g) dalam persamaan total laba yang diharapkan (D1/Po+g).

Sementara itu Modigliani dan Miller berpendapat dan telah dibuktikan secara matematis bahwa investor merasa sama saja apakah menerima dividen saat ini atau menerima *capital gain* di masa datang. Sehingga tingkat keuntungan yang disyaratkan tidak dipengaruhi oleh kebijakan dividen. Pendapat Gordon-Lintner ini oleh Modigliani dan Miller diberi nama *the bird in the hand fallacy*. Gordon-Lintner beranggapan bahwa investor memandang satu burung ditangan lebih berharga daripada seribu burung diudara. Sementara itu Modigliani dan Miller berpendapat bahwa tidak semua investor berkeinginan untuk menginvestasikan kembali dividen mereka di perusahaan yang sama atau sejenis dengan memiliki risiko yang sama. Oleh sebab itu tingkat risiko pendapatan mereka di masa datang bukannya ditentukan oleh kebijakan dividen, tetapi ditentukan oleh tingkat risiko investasi baru.

c. *Signalling Hypothesis Theory*

Signalling hypothesis theory secara konsisten berhubungan dengan masalah pengungkapan, dimana apabila perusahaan mengungkapkan *bad news* maka pasar akan memberikan reaksi yang negatif dan hal ini konsisten dengan hipotesis pasar efisien (Wolk *et al.*, 2001). *Signalling hypothesis theory* mengatakan bahwa perubahan dividen mengandung beberapa informasi. Ada bukti empiris bahwa jika ada kenaikan dividen, sering diikuti dengan kenaikan harga saham. Sebaliknya, penurunan dividen pada umumnya menyebabkan harga saham turun. Fenomena ini dapat dianggap sebagai bukti bahwa para investor lebih menyukai dividen daripada *capital gains* (Lukas 1999). Menurut s*ignalling hypothesis theory*, terdapat asimetri informasi antara manajer dan investor. Manajer mengetahui prospek perusahaan di masa depan, sedangkan investor tidak (Setiawan dan Jogiyanto 2002).

Signalling hypothesis theory juga mengatakan bahwa penurunan dividen mencerminkan manajemen yang tidak optimis terhadap prospek perusahaan dan akan memberikan sinyal negatif bagi pasar. Sebaliknya, peningkatan dividen menunjukkan bahwa manajemen yakin akan prospek masa depan perusahaan dan merupakan sinyal yang direspon pasar positif (Anom dan Jogiyanto 2002).

Perubahan besarnya dividen juga merupakan sinyal bagi investor. Dividen yang semakin besar mengakibatkan investor mempunyai pengharapan positif terhadap manajemen, yaitu meningkatnya laba

perusahaan. Perubahan dividen yang semakin besar akan menyebabkan investor tertarik untuk membeli saham perusahaan, sehingga harga saham akan meningkat. Sebaliknya, bila dividen menjadi semakin kecil, maka investor mempunyai pengharapan yang negatif terhadap perusahaan sehingga harga saham akan mengalami penurunan (Sharpe *et al.*, 1999). Pengumuman dividen mengandung informasi mengenai laba saat ini dan masa depan (Miller dan Rock 1985). Apabila pengumuman dividen tersebut merupakan kabar baik (buruk), yaitu: pengumuman dividen meningkat (menurun), maka investor akan bereaksi positif (negatif). Jadi, dividen mempunyai kandungan informasi yang berguna bagi investor (Setiawan dan Jogiyanto 2002).

Teori *clientele effect* menyatakan bahwa kelompok (*clientele*) pemegang saham yang berbeda akan memiliki preferensi yang berbeda terhadap kebijakan dividen perusahaan. Kelompok pemegang saham yang membutuhkan penghasilan pada saat ini lebih menyukai dividen *payout ratio* yang tinggi. Sebaliknya, kelompok pemegang saham yang tidak begitu membutuhkan uang saat ini, lebih senang jika perusahaan menahan sebagian besar laba bersih perusahaan. Bukti empiris menunjukkan bahwa efek dari *clientele* ini ada. Tapi menurut Modigliani dan Miller hal ini tidak menunjukkan bahwa dividen besar lebih baik daripada dividen kecil. Demikian sebaliknya *clientele effect* ini hanya mengatakan bahwa bagi sekelompok pemegang saham, kebijakan dividen tertentu lebih menguntungkan mereka (Lukas 1999).

5. Jenis-Jenis Kebijakan Pemberian Dividen

Menurut Riyanto (2001), terdapat bermacam-macam kebijakan pemberian dividen yang dilakukan oleh perusahaan yaitu antara lain sebagai berikut :

a. Kebijakan dividen yang stabil

Banyak perusahan yang menjalankan kebijakan dividen yang stabil, artinya jumlah dividen per lembar yang dibayarkan setiap tahunnya relatif tetap selama jangka waktu tertentu meskipun pendapatan per lembar saham per tahunnya berfluktuasi. Dividen yang stabil ini dipertahankan untuk beberapa tahun dan kemudian apabila pendapatan perusahaan meningkat dan kenaikan tersebut relatif permanen, maka dividen per lembar saham dinaikkan dan selanjutnya dipertahankan untuk jangka waktu yang relatif panjang.

Alasan–alasan pemberian kebijakan dividen yang stabil :

1) Bisa memberi kesan kepada investor bahwa perusahaan memiliki prospek yang baik di masa yang akan datang.
2) Dapat meningkatkan harga saham sebab dividen yang stabil memiliki risiko yang kecil.
3) Akan menarik investor yang memanfaatkan dividen untuk keperluan konsumsi, karena dividen selalu dibayar.

b. Kebijakan dividen dengan penetapan jumlah dividen minimal plus jumlah ekstra tertentu.

Kebijakan ini menetapkan jumlah rupiah minimal dividen per lembar saham setiap tahunnya. Dalam keadaan keuangan yang lebih

baik, perusahaan akan membayarkan dividen ekstra di atas jumlah minimal tersebut.

c. Kebijakan dividen dengan penetapan *dividend payout ratio* yang konstan

Perusahaan yang menjalankan kebijakan ini menetapkan *dividend payout ratio* yang konstan. Ini berarti bahwa jumlah dividen per lembar saham yang dibayarkan setiap tahunnya akan berfluktuasi sesuai dengan perkembangan keuntungan bersih yang diperoleh setiap tahunnya.

d. Kebijakan dividen yang fleksibel

Kebijakan ini menetapkan besarnya *dividend payout ratio* setiap tahunnya disesuaikan dengan posisi finansial dan kebijakan finansial perusahaan yang bersangkutan.

6. Prosedur Pembagian Dividen

Pembagian dividen merupakan satu hal yang dinantikan oleh pemegang saham. Pembagian dividen dapat dilakukan secara kuartalan ataupun tahunan, tergantung kebijaksanaan yang ditetapkan oleh masing-masing perusahaan. Adapun prosedur pembagian dividen yang aktual menurut Weston and Brigham (1998) dalam Sularso (2003) adalah :

a. Tanggal Pengumuman (*Declaration Date*)

Tanggal pada saat direksi perusahaan mengumumkan rencana pembagian dividen. Misalnya pada tanggal 14 November 2001 direksi PT. ABC mengadakan pertemuan dan mengumumkan pembagian dividen kuartalan tetap sebesar Rp 40 per saham untuk dibayarkan kepada pemegang saham yang tercatat pada tanggal 8 Desember 2001 dengan pembayaran dilakukan pada tanggal 2 Januari 2002

b. Tanggal Pencatatan Pemegang Saham (*Holder of Record Date*)

Hari terakhir untuk mendaftarkan diri sebagai pemegang saham agar berhak menerima dividen yang akan dibagikan perusahaan. Setelah berakhirnya jam kerja pada tanggal pencatatan pemegang saham (8 Desember 2001), perusahaan menutup buku transfer sahamnya dan menyusun daftar pemegang saham mulai tanggal itu. Apabila PT ABC memberitahukan penjualan dan transfer beberapa saham sebelum pukul 5 sore pada tanggal 8 Desember, maka pemilik saham yang baru akan menerima dividen. Jika pemberitahuan yang diterima pada atau sesudah tanggal 9 Desember, pemilik saham lama menerima cek dividen.

c. Tanggal *Ex-dividend* (*Ex-dividend Date*)

Tanggal pada saat hak atas dividen periode berjalan dilepaskan dari sahamnya, biasanya dengan jangka waktu empat hari kerja sebelum tanggal pencatatan saham. Untuk mencegah timbulnya konflik, industri pasar modal telah menetapkan suatu konvensi yang mengumumkan bahwa hak atas dividen tetap menyertai saham hingga empat hari kegiatan bisnis sebelum tanggal pencatatan pemegang saham. Pada hari keempat sebelum tanggal tersebut, hak atas dividen tidak lagi menyertai saham. Dalam hal ini tanggal *ex*-dividen adalah 4 hari sebelum tanggal 8 Desember, yaitu tanggal 4 Desember 2001.

d. Tanggal Pembayaran Dividen (*Dividend Payment*)

Tanggal pada saat perusahaan benar-benar mengirimkan cek dividen. Dalam hal ini perusahaan akan mengirimkan ceknya kepada pemegang saham tercatat pada tanggal 2 Januari 2002.

Prosedur pembagian dividen tersebut mengakibatkan adanya perbedaan respon investor dalam bertransaksi di pasar modal. Hal ini dapat

diindikasikan dengan bervariasinya harga saham dari *declaration date* sampai setelah *Ex-dividend Date*.

7. *Abnormal Return*

Abnormal return atau *excess return* adalah kelebihan dari *return* yang sesungguhnya terjadi terhadap *return* normal (Hartono, 2000). *Return* normal merupakan *return* ekspektasi (*return* yang diharapkan oleh investor). Dengan demikan yang dimaksud dari *return* tidak normal (*abnormal return*) adalah selisih antara *return* sesungguhnya yang terjadi dengan *return* ekspektasi.

Return sesungguhnya merupakan *return* yang terjadi pada waktu ke-t yang merupakan selisih harga sekarang relatif tehadap harga sebelumnya (Hartono, 2000). Menurut Brown dalam Hartono (2000), *return* ekspektasi dapat dihitung menggunakan 3 model estimasi yakni *mean adjusted model, market model* dan *market adjusted model*.

a. *Mean Adjusted Model* (Model Disesuaikan Rata-rata)

Model ini beranggapan bahwa *return* ekspektasi bernilai konstan yang sama dengan rata-rata *return* realisasi sebelumnya selama periode estimasi (*estimation period*). Periode estimasi umumnya merupakan periode sebelum periode peristiwa. Periode peristiwa (*event period*) disebut juga dengan periode pengamatan atau jendela peristiwa (*event window*). Menggunakan model ini, *return* ekspektasi suatu sekuritas pada periode tertentu diperoleh melalui pembagian *return* realisasi sekuritas tersebut dengan lamanya periode estimasi. Lamanya jendela tergantung dari jenis peristiwanya. Jika peristiwanya merupakan peristiwa yang nilai

ekonomisnya dapat ditentukan dengan mudah oleh investor (misalnya pengumuman laba dan pembagian dividen), periode jendela dapat pendek, disebabkan investor dapat bereaksi dengan cepat (Hartono, 2003)

b. *Market Model* (Model Pasar)

Perhitungan *return* ekspektasi dengan model pasar (*market model*) ini dilakukan dengan dua tahap, yaitu:

1) Membentuk model ekspektasi dengan menggunakan data realisasi selama periode estimasi.
2) Menggunakan model ekspektasi untuk mengestimasi *return* ekspektasi diperiode jendela. Model ekspektasi dapat dibentuk menggunakan regresi OLS (*OrdinaryLeast Square*).

c. *Market Adjusted Model* (Model Disesuaikan Pasar)

Model disesuaikan pasar beranggapan bahwa penduga terbaik untuk mengestimasi *return* satu sekuritas adalah *return* indeks pasar pada saat tersebut. Dengan menggunakan model ini, maka tidak perlu menggunakan periode estimasi untuk membentuk model estimasi, karena *return* sekuritas yang diestimasi adalah sama dengan *return* indeks pasar (Hartono,2003). Pengukuran *Abnormal return* dengan metode *market adjusted model* sebagai berikut :

$$Ar_{it}=R_{it}– E(R_{it})$$

dimana:

Ar_{it} = *Abnormal return* saham i pada periode t

R_{it} = *Actual return* saham i pada periode t

$E(R_{it})$ = *Expected return* saham i pada periode t

B. Penelitian yang Relevan

Kajian yang berkaitan dengan analisis pengaruh pengumuman dividen tunai terhadap *abnormal return* sebelum dan sesudah *ex-dividend date* yang dilakukan oleh peneliti-peneliti terdahulu adalah sebagai berikut

1. Hidayati (2014) dalam penelitiannya yang berjudul "Analisis Harga Saham dan Rata-Rata *Abnormal Return* Sebelum dan Sesudah *Ex-Dividend Date* (Studi pada Emiten Indeks Kompas-100)". Dalam penelitian tersebut tidak ada perbedaan yang signifikan antara *abnormal return* sebelum dan sesudah pengumuman dividen pada Indeks Kompas-100, yang ditunjukkan dengan taraf signifikansi 0,093 > 0,05.
2. Putra dan Sujana (2014) dalam penelitiannya yang berjudul "Analisis Reaksi Pasar Terhadap Pengumuman Dividen Tunai Pada Perusahaanyang Terdaftar Di Bursa Efek Indonesia". Penelitian membuktikan bahwa tidak terdapat perbedaan yang signifikan antara *abnormal return* dan rata-rata volume perdagangan saham antara sebelum dan sesudah pengumuman dividen tunai. Hal ini berarti informasi pengumuman dividen tunai pada perusahaan yang terdaftar di Bursa Efek Indonesia periode 2009-2012 tidak memengaruhi keputusan investor dalam berinvestasi.
3. Ratnawati *et al.,* (2009) dalam penelitiannya "Analisa Dampak Pengumuman Dividen Terhadap *Return,* Variabilitas Tingkat Keuntungan dan Aktivitas Volume Perdagangan Saham". Penelitian ini membuktikan bahwa secara keseluruhan tidak terdapat perbedaan yang signifikan antara *return* saham

pada periode sebelum dan pada saat pengumuman dividen, baik pada periode jendela 5 hari maupun 10 hari di seputar pengumuman dividen. Hal yang sama untuk pasangan periode sesudah dan saat pengumuman dividen. Hal ini memberikan makna bahwa adanya kemungkinan informasi pengumuman dividen sudah diserap dan diantisipasi oleh investor, sedangkan untuk *return* pada periode sebelum dan sesudah dengan pengamatan 5 hari dan 10 hari menghasilkan suatu kesimpulan terdapat perbedaan yang signifikan, sehingga hasil tersebut menyiratkan bahwa informasi pengumuman dividen dapat mempengaruhi preferensi investor dalam membuat keputusan investasi.

4. Sugeng Haryanto (2011) dalam penelitiannya yang berjudul "Reaksi Investor terhadap Pengumuman Dividen di Bursa Efek Indonesia" dengan objek penelitian Reaksi Investor terhadap Kebijakan Dividen Naik dan Turun, dengan metode CAPM. Penelitian ini menyimpulkan bahwa tidak terdapat *Average Abnormal Return* yang signifikan secara statistik sebelum dan sesudah pengumuman dividen kas.
5. Wibowo dan Adorini (2006) dalam penelitiannya "Analisis Pengaruh Pengumuman Dividen Terhadap Perubahan Harga Saham (*Return*) Sebelum dan Sesudah *Ex-dividend Date* di Bursa Efek Jakarta" dengan objek penelitian reaksi pemegang saham terhadap dividen naik dan dividen turun terhadap *Abnormal return.* Penelitian ini berpendapat bahwa untuk kelompok dividen naik tidak terdapat *abnormal return* yang signifikan sebelum dan sesudah *ex-dividend date*. Bagi kelompok untuk dividen turun,

terdapat perbedaan *abnormal return* sebelum dan sesudah *Ex-dividend Date* dengan nilai AAR sebelum *Ex-dividend Date* sebesar 0,002178 dan sesudah *Ex-dividend Date* sebesar -0,001815

6. Sularso (2003) dalam penelitiannya yang berjudul "Pengaruh Pengumuman Dividen terhadap Perubahan Harga Saham (*Return*) Sebelum dan Sesudah *Ex-dividend Date* di Bursa Efek Jakarta". Penelitian ini membuktikan untuk kelompok dividen naik, masih terdapat *abnormal return* pada hari ke-4 sebelum *event date* sebesar -0,001102 atau sekitar 0,1% dan pada hari ke-5 setelah dan kelompok dividen turun menunjukkan bahwa ada tiga hari bursa yang masih memberikan *abnormal return* yang signifikan, yaitu pada hari ke-13 dan hari ke-2 sebelum *event date* sebesar 0,028263 atau sekitar 2% dan 0,0166274 atau sekitar 1%, serta pada hari ke-5 setelah *event date* sebesar 0,029105 atau sekitar 3%. *Event date* sebesar -0,032184 atau sekitar 3%.

C. Kerangka Pikir

Berdasarkan landasan teori dan hasil penelitian terdahulu, maka kerangka berpikir dalam penelitian ini adalah sebagai berikut:

1. Pengaruh pengumuman dividen meningkat terhadap *abnormal reteurn* sebelum dan sesudah *ex-dividend date*

   Dividen meningkat adalah kebijakan dividen perusahaan yang membagikan dividen tunai (*cash dividend*) di laporan keuangan dengan jumlah yang lebih besar dari periode sebelumnya. Berdasarkan teori sinyal dividen (*dividend signalling theory*) yang menyatakan bahwa

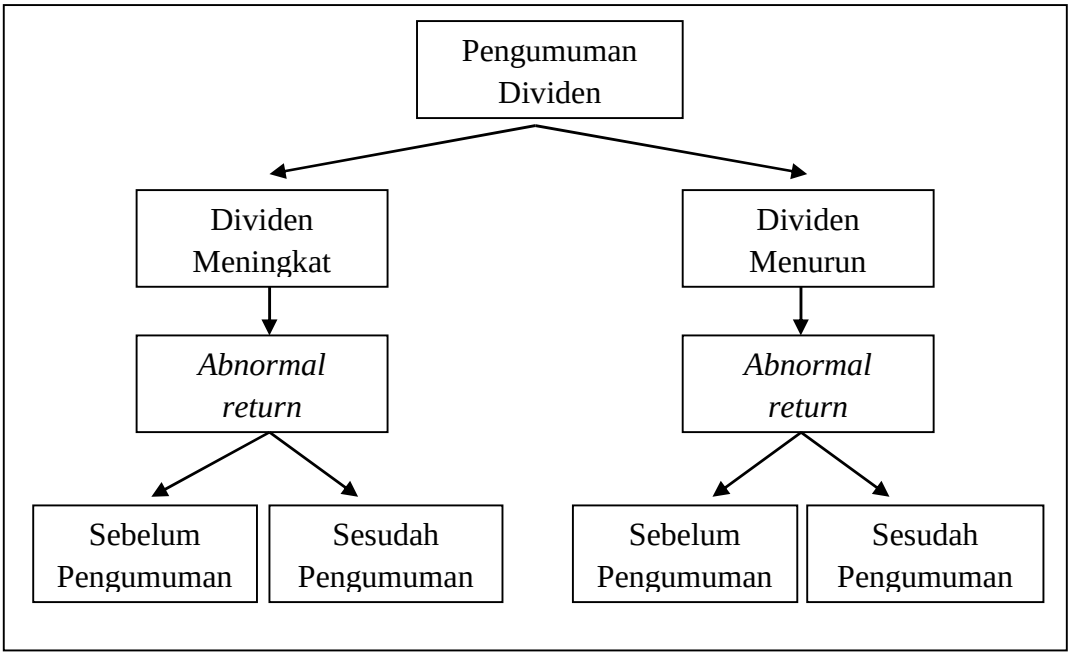
pengumuman dividen merupakan sumber informasi dan sekaligus sebagai sinyal bagi prospek masa depan perusahaan dan dapat dijadikan sebagai pertimbangan dalam pengambilan keputusan investasi. Maka pengumuman dividen meningkat dapat memberikan sinyal positif terhadap harga saham karena pengumuman ini mengisyaratkan peningkatan kinerja perusahaan dalam menghasilkan laba di masa depan. Setelah perusahaan melakukan pengumuman dividen meningkat, diduga terdapat perbedaan perilaku investor yang ditunjukkan dengan adanya *Average Abnormal Return* yang signifikan disekitar tanggal pengumuman dan perbedaan *Average Abnormal Return* sebelum dan sesudah pengumuman dividen meningkat. Apabila terdapat *Average Abnormal Return* yang signifikan di sekitar tanggal pengumuman dividen meningkat maka dapat dikatakan bahwa pengumuman ini mengandung informasi bagi investor.

2. Pengaruh pengumuman dividen menurun terhadap *abnormal return* sebelum dan sesudah *ex-dividend date*

   Dividen menurun adalah kebijakan dividen perusahaan yang membagikan dividen tunai (*cash dividend*) di laporan keuangan dengan jumlah yang lebih kecil dari periode sebelumnya. Berdasarkan teori sinyal dividen (*dividend signalling theory*) yang menyatakan bahwa pengumuman dividen merupakan sumber informasi dan sekaligus sebagai sinyal bagi prospek masa depan perusahaan dan dapat dijadikan sebagai pertimbangan dalam pengambilan keputusan investasi, maka pengumuman

dividen menurun dapat memberikan sinyal negatif terhadap harga saham karena pengumuman ini mengisyaratkan penurunan kinerja perusahaan dalam menghasilkan laba di masa depan. Setelah perusahaan melakukan pengumuman dividen menurun, diduga terdapat perbedaan perilaku investor yang ditunjukkan dengan adanya *Average Abnormal Return* yang signifikan disekitar tanggal pengumuman dan perbedaan *Average Abnormal Return* sebelum dan sesudah pengumuman dividen menurun. Apabila terdapat *Average Abnormal Return* yang signifikan di sekitar tanggal pengumuman dividen menurun maka dapat dikatakan bahwa pengumuman ini mengandung informasi bagi investor.

D. Paradigma Penelitian



Gambar 1
Paradigma Penelitian

E. Hipotesis Penelitian

Berdasarkan perumusan masalah dan kajian teoritis yang dilakukan sebelumnya, terdapat dua aspek yang akan diuji dalam penelitian ini dengan hipotesis yang diajukan sebagai berikut:

Ha_1: Terdapat perbedaan *Average Abnormal Return* sebelum dan sesudah *ex-dividend date* dengan adanya pengumuman dividen meningkat

Ha_2: Terdapat perbedaan *Average Abnormal Return* sebelum dan sesudah *ex-dividend date* dengan adanya pengumuman dividen menurun

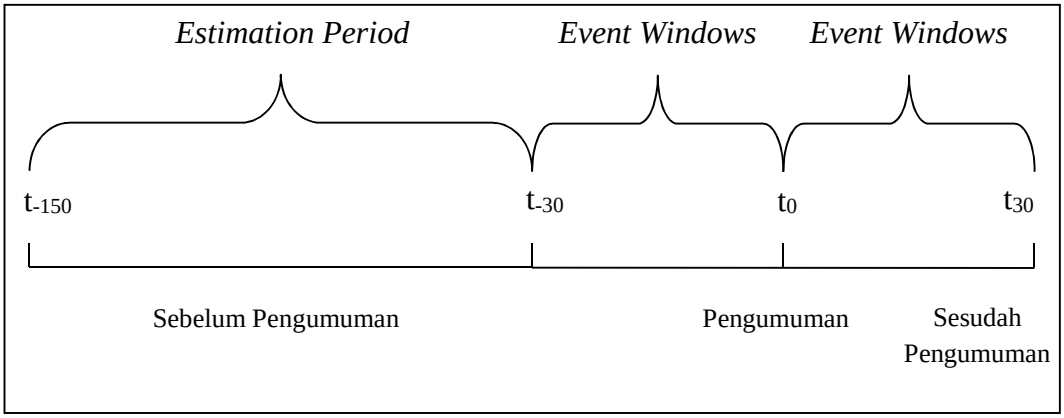
BAB III

METODE PENELITIAN

A. Desain Penelitian

Jenis penelitian yang digunakan dalam penelitian ini adalah *event study*. *Event study* merupakan studi yang mempelajari reaksi pasar terhadap suatu peristiwa yang informasinya dipublikasikan sebagai pengumuman. *Event study* bertujuan untuk menguji apakah terdapat *abnormal return* signifikan yang diperoleh investor dari suatu peristiwa termasuk pengumuman dividen.

Penggunaan metode *event study* membutuhkan periode jendela (*event windows*) dan hari peristiwa (*event date* atau t_0) serta periode estimasi. Penelitian ini menggunakan periode jendela sebanyak 30 hari untuk sebelum peristiwa dan 30 hari untuk sesudah peristiwa, 1 hari untuk tanggal peristiwa dan periode estimasi 120 hari, untuk lebih jelasnya bisa dilihat pada gambar:



Gambar 2
Desain *Event Study*

B. Definisi Operasional dan Pengukuran Variabel

Berdasarkan atas permasalahan dan hipotesis yang telah dikemukakan, maka variabel-variabel yang akan diteliti dan dianalisis dalam penelitian ini adalah sebagai berikut:

1. Harga saham adalah harga saham harian pada *closing price* dalam periode pengamatan sebanyak 181 hari, yaitu dengan rincian:
   a. 120 hari untuk periode estimasi.
   b. 30 hari untuk periode jendela sebelum peristiwa.
   c. 1 hari untuk tanggal peristiwa.
   d. 30 hari untuk periode jendela sesudah peristiwa.
2. *Return* saham adalah tingkat pengembalian per lembar saham yang dinikmati oleh investor diwaktu yang akan datang.
3. *Expected return* adalah *return* yang diharapkan oleh investor diwaktu yang akan datang.
4. *Abnormal return* dapat dihitung dengan rumus sebagai berikut:

$$AR_{(i,t)}=R_{(i,t)}-E(R_{(i,t)})$$

(Sumber: Hartono, 2005)

Keterangan:
$AR_{(i,t)}$ = *abnormal return* saham i pada hari ke-t
$R_{(i,t)}$ = *actual return* saham i pada periode ke-t
$E(R_{(i,t)})$ = *expected return* saham i pada periode ke-t

C. Populasi dan Sampel Penelitian

Populasi yang digunakan dalam penelitian ini adalah semua perusahaan yang melakukan pengumuman dividen yang terdaftar di Bursa Efek Indonesia periode 2010-2014.

Teknik pengambilan sampel pada penelitian ini menggunakan teknik *purposive sampling*, yaitu populasi yang akan dijadikan sampel pada penelitian ini harus memenuhi berbagai kriteria tertentu. Pemberian kriteria pada sampel bertujuan untuk menghindari adanya *miss specification* dalam penentuan sampel penelitian yang berdampak pada hasil analisis. Adapun kriteria sampel dalam penelitian ini yaitu:

1. Perusahaan yang sudah dan masih terdaftar di Bursa Efek Indonesia pada tahun 2010-2014.
2. Perusahaan yang membayar dividen setiap tahunnya selama 2010-2014
3. Perusahaan yang dijadikan sampel untuk pengumuman dividen menurun yaitu perusahaan yang telah membayar dividen lebih rendah dari periode sebelumnya.
4. Perusahaan yang dijadikan sampel untuk pengumuman dividen meningkat yaitu perusahaan yang telah membayar dividen lebih tinggi dari periode sebelumnya.
5. Perusahaan yang menerbitkan laporan keuangan secara lengkap periode 2010-2014.
6. Saham perusahaan yang menjadi sampel penelitian merupakan saham yang aktif diperdagangkan.
7. Perusahaan tidak sedang melakukan *corporate action* lain seperti *right issue*, pemberian saham bonus, *stock dividend*, *stock split*, merger dan akuisisi selama periode jendela (*event window*) untuk menghindari adanya *confounding effect* yang dapat memengaruhi hasil penelitian.

D. Tempat dan Waktu Penelitian

Penelitian ini dilakukan pada perusahaan yang terdaftar di Bursa Efek Indonesia dan beroperasi pada periode 2010-2014. Pengambilan data diunduh menggunakan internet melalui situs www.idx.co.id untuk data dividen meningkat dan menurun serta laporan keuangan tahunan. Data tanggal pengumuman dividen tunai diunduh di Kustodian Sentral Efek Indonesia melalui situs www.ksei.co.id dan www.e-bursa.com. Data harga saham harian, Indeks Harga Saham Gabungan (IHSG) harian, harga penutupan saham dan jumlah lembar saham yang beredar diperoleh melalui situs www.*finance*.yahoo.com. Waktu penelitian dimulai pada bulan Mei 2015 sampai selesai.

E. Jenis Data dan Teknik Pengumpulan Data

Data yang digunakan dalam penelitian ini adalah data kuantitatif atau data yang berupa angka yang diolah menggunakan rumus-rumus. Teknik pengumpulan data dilakukan dengan metode dokumentasi, yaitu dengan mencatat atau menyalin data. Data yang digunakan dalam penelitian ini adalah:

1. Data nama perusahaan yang melakukan pengumuman dividen meningkat dan menurun periode 2010-2014
2. Data tanggal *ex-dividend date*
3. Data harga saham harian, Indeks Harga Saham Gabungan (IHSG) harian
4. Harga penutupan saham

F. Teknik Analisis Data

Analisis dilakukan dengan menggunakan teknik analisis *Event Study* untuk mengolah dan membahas data yang diperoleh. Metodologi untuk *Event Study* mengikuti prosedur sebagai berikut:

1. Mengumpulkan sampel perusahaan yang mempunyai suatu peristiwa yang ingin diteliti.
2. Menentukan *return* aktual setiap perusahaan sampel dihitung mulai 30 hari sebelum pengumuman dan 30 hari setelah pengumuman dividen meningkat dan menurun
3. Menghitung *return* saham harian dari setiap kelompok perusahaan sampel dengan rumus:

$$R_{i,t} = \frac{P_{i,t} - P_{i,t-1}}{P_{i,t-1}}$$

Di mana:
R_{it} = *Return* saham harian saham i pada hari t
P_{it} = Harga saham harian saham i hari ke t
P_{it-1}= Harga saham masing-masing perusahaan pada hari ke t-1

4. Menghitung *return* pasar disetiap kelompok perusahaan sampel dengan rumus:

$$R_{m,t} = \frac{IHSG_t - IHSG_{t-1}}{IHSG_{t-1}}$$

Di mana:
$R_{m,t}$ = *Return* pasar harian pada hari t
$IHSG_t$ = Indeks Harga Saham Gabungan pada hari t
$IHSG_{t-1}$ = Indeks Harga Saham Gabungan pada hari t-1

5. Menghitung *return* ekspektasi berdasarkan *market model* menggunakan rumus:

$$E(R_{i,t}) = \alpha_i + \beta_i R_{m,t} + e_{i,t}$$

Dimana:

$E(R_{i,t})$: *return* ekspektasi sekuritas ke-i
α_i : *intercept* untuk sekuritas ke-i
β_i : koefisiens *slope* yang merupakan *Beta* dari sekuritas ke-i
$R_{m,t}$: *return* indeks pasar
$e_{i,t}$: kesalahan residu sekuritas ke-i

6. Menghitung *alpa* dan *beta* untuk tiap-tiap saham dengan meregresikan *return* harian saham terhadap *market return* harian selama periode estimasi. *Beta* pasar untuk pasar modal yang perdagangannya tidak sinkron harus disesuaikan karena *beta* tersebut mengandung bias maka harus di koreksi. Adapun koreksi *beta* yang di gunakan dengan periode koreksi yang cukup panjang yaitu empat periode mundur (*lag*) dan empat periode maju (*lead*) menggunakan Metode Fowler dan Rorke.

Adapun langkah-langkah metode Fowler dan Rorke sebagai berikut:

a. Mengoperasi persamaan regresi berganda sebagai berikut:

$R_{it} = \alpha_i + \beta_i^{-4} R_{Mt-4} + \beta_i^{-3} R_{Mt-3} + \beta_i^{-2} R_{Mt-2} + \beta_i^{-1} R_{Mt-1} + \beta_i^{0} R_{Mt0} + \beta_i^{1} R_{Mt1} + \beta_i^{2} R_{Mt2} + \beta_i^{3} R_{Mt3} + \beta_i^{4} R_{Mt4} + \varepsilon_{it}$

Dimana:
$R_{i,t}$: *return* realisasi sekuritas ke-i
α_i : *intercept* untuk sekuritas ke-i
β_i^{-4} : *beta* yang dihitung berdasarkan persamaan regresi $R_{i,t} = \alpha_i + \beta_i^{-4} R_{mt-4}$, yaitu untuk R_i periode ke-t dengan R_m periode *lag* t-4
β_i^{4} : *beta* yang dihitung berdasarkan persamaan regresi $R_{i,t} = \alpha_i + \beta_i^{4} R_{mt4}$, yaitu untuk R_i periode ke-t dengan R_m periode *lead* t+4
R_{mt-4} : *return* indeks pasar pada periode *lag* t-4

R_{mt4} : *return* indeks pasar pada periode *lead* t+4
ε_{it} : kesalahan residu sekuritas ke-i

b. Mengoperasikan persamaan regresi untuk mendapatkan korelasi serial *return* indeks pasar dengan *return* indeks pasar periode sebelumnya sebagai berikut:

$$R_{Mt} = \alpha_i + \rho_4 R_{Mt-4} + \rho_3 R_{Mt-3} + \rho_2 R_{Mt-2} + \rho_1 R_{Mt-1} + \varepsilon_t$$

Dimana:
R_{Mt} : *return* indeks pasar pada periode ke t
α_i : *intercept* untuk indeks pasar ke-i
ρ_4 : korelasi parsial antara R_m dengan R_{mt-4} yang diperoleh dari koefisien regresi $R_{mt} = \alpha_i + \rho_4 R_{mt-4}$
R_{mt-4} : *return* indeks pasar pada periode *lag* t-4
ε_{it} : kesalahan residu pasar

c. Menghitung bobot yang dignakan sebesar:

$$w_1 = \frac{1 + 2.\rho_1 + 2.\rho_2 + 2.\rho_3 + \rho_4}{1 + 2.\rho_1 + 2.\rho_2 + 2.\rho_3 + 2.\rho_4}$$

$$w_2 = \frac{1 + 2.\rho_1 + 2.\rho_2 + \rho_3 + \rho_4}{1 + 2.\rho_1 + 2.\rho_2 + 2.\rho_3 + 2.\rho_4}$$

$$w_3 = \frac{1 + 2.\rho_1 + \rho_2 + \rho_3 + \rho_4}{1 + 2.\rho_1 + 2.\rho_2 + 2.\rho_3 + 2.\rho_4}$$

$$w_4 = \frac{1 + \rho_1 + \rho_2 + \rho_3 + \rho_4}{1 + 2.\rho_1 + 2.\rho_2 + 2.\rho_3 + 2.\rho_4}$$

Dimana:
w_{1-4} : bobot yang digunakan pertama sampai keempat
ρ_4 : korelasi parsial antara R_m dengan R_{mt-4} yang diperoleh dari koefisien regresi $R_{mt} = \alpha_i + \rho_4 R_{mt-4}$

d. Menghitung *beta* koreksian sekuritas ke-i yang merupakan penjumlahan koefisien regresi berganda dengan bobot.

$\beta_i = \beta_i^{-4}\, w_{-4} + \beta_i^{-3}\, w_{-3} + \beta_i^{-2}\, w_{-2} + \beta_i^{-1}\, w_{-1} + \beta_i^{0}\, w_0 + \beta_i^{1}\, w_1 + \beta_i^{2}\, w_2 + \beta_i^{3}\, w_3 + \beta_i^{4}\, w_4$

7. Menghitung *Abnormal Return*

$$AR_{it} = R_t - E(R_{it})$$

Keterangan:
$AR_{i,t}$ = *abnormal return* saham *i* pada hari ke-*t*
$R_{i,t}$ = *actual return* saham *i* pada periode ke-*t*
$E(R_{i,t})$ = *expected return* saham *i* pada periode ke-*t*

8. Menghitung *Cumulative Abnormal Return* menggunakan rumus:

$$CAR_{it} = \sum_{t=-10}^{10} AR_{i,t}$$

Keterangan:
$CAR_{i,t}$ = *cumulative abnormal return* saham *i* pada periode ke-*t*

$AR_{i,t}$ = *abnormal return* saham *i* pada periode ke-*t*

9. Menghitung *Average Abnormal Return*

$$AAR_t = \frac{\sum_{i=1}^{k} AR_{i,t}}{n}$$

Keterangan:
AAR_t = *average abnormal return* seluruh saham pada hari ke-*t*
$AR_{i,t}$ = *abnormal return* saham *i* pada hari ke-*t*
n = jumlah saham yang diteliti

10. Uji t statistik

Uji t statistik digunakan untuk menguji tingkat signifikansi pengaruh investor terhadap pengumuman dividen. Pengujian ini menggunakan *one-sample t test*. Kriteria pengujian sebagai berikut:

Nilai signifikansi *Average Abnormal Return* (AAR) disekitar hari pengumuman dividen lebih kecil dari α = 0,05 pada tingkat kepercayaan 95%, atau dengan t tabel dengan kriteria sebagai berikut:

a. Jika t hitung > t tabel maka H_o ditolak
b. Jika t hitung ≤ t tabel maka H_o diterima

11. Uji Normalitas

Uji Normalitas bertujuan untuk menguji apakah dalam model regresi, data yang digunakan pada setiap variabel berdistribusi normal atau tidak (Ghozali, 2009). Uji normalitas yang digunakan dalam penelitian ini adalah uji *Kolmogorov-Smirnov* menggunakan ketentuan sebagai berikut:

a. Jika nilai probabilitas > 0,05 maka H_o diterima yang berarti data normal
b. Jika nilai probabilitas ≤ 0,05 maka H_o ditolak yang berarti data tidak normal.

12. Pengujian Perbedaan Sebelum dan Sesudah Pengumuman Dividen

Pengujian ini dilakukan untuk melihat apakah terdapat perbedaan *Average Abnormal Return* (AAR) sebelum dan sesudah pengumuman dividen. Pengujian ini melihat apakah data berdistribusi normal atau tidak, jika berditribusi normal maka menggunakan uji t (*paired sample t test*) dengan tingkat signifikansi α = 0,05. Hipotesis statistiknya adalah sebagai berikut:

Ho: $\mu 1-\mu 2 = 0$

Berarti tidak terdapat *abnormal return* yang signifikan di sekitar pengumuman dividen.

$H_{3,4}$: $\mu 1-\mu 2 \neq 0$

Berarti terdapat *abnormal return* yang signifikan di sekitar pengumuman dividend.

Kriteria keputusan:

$H_{1,2}$ diterima jika t hitung > t tabel

$H_{1,2}$ ditolak jika t hitung < t tabel

Apabila data tidak berdistribusi normal maka pengujiannya menggunakan teknik uji peringkat bertanda Wilcoxon (*Wilcoxon sign rank test*) dengan menggunakan tingkat signifikansi $\alpha = 0.05$. Hipotesis statistiknya sebagai berikut:

H_o:	$D \leq 0$	(tidak ada perbedaan yang signifikan antara AAR sebelum dan sesudah pengumuman dividen)
$H_{1,2}$:	$D > 0$	(ada perbedaan antara AAR sebelum dan sesudah pengumuman dividen)

Kriteria Keputusan:

H_o diterima jika z hitung < z tabel yang berarti tidak terdapat perbedaan yang signifikan antara AAR sebelum dan sesudah pengumuman dividen.

$H_{1,2}$ diterima jika z hitung > z tabel yang berarti terdapat perbedaan antara AAR sebelum dan sesudah pengumuman dividen.

BAB IV

HASIL PENELITIAN DAN PEMBAHSAN

A. Hasil Penelitian

1. Deskripsi Penelitian

Penelitian ini bertujuan untuk mengetahui pengaruh pengumuman dividen tunai terhadap *abnormal return* sebelum dan sesudah *ex-dividend date*. Penelitian ini melihat adanya *abnormal return* yang dirasakan investor di sekitar tanggal peristiwa dan perbedaan *Average Abnormal Return* saham perusahaan di BEI antara sebelum dan sesudah peristiwa terjadi. Data yang digunakan adalah data perdagangan saham harian perusahaan yang terdaftar di BEI yang terdiri dari harga saham, dividen tunai, *ex-dividend date* dan indeks pasar. Harga saham yang dipakai adalah harga penutupan (*closing price*), sedangkan indeks pasar digunakan adalah *closing price* dari Indeks Harga Saham Gabungan (IHSG).

Populasi dalam penelitian ini adalah perusahaan yang sahamnya tercatat di BEI. Penentuan sampel dalam penelitian ini akan dilakukan dengan metode *purposive sampling*, artinya penentuan sampel berdasarkan dengan tujuan penelitian atau katarestik tertentu yang berkaitan dengan penelitian (Danapriatna, 2005). Kriteria pemilihan sampel perusahaan yang melakukan pembagian dividen tunai:

1. Perusahaan yang sudah dan masih terdaftar di Bursa Efek Indonesia pada tahun 2010-2014.
2. Perusahaan yang membayar dividen setiap tahunnya selama 2010-2014

3. Perusahaan yang dijadikan sampel untuk pengumuman dividen meningkat yaitu perusahaan yang telah membayar dividen lebih tinggi dari periode sebelumnya.
4. Perusahaan yang dijadikan sampel untuk pengumuman dividen menurun yaitu perusahaan yang telah membayar dividen lebih rendah dari periode sebelumnya.
5. Saham perusahaan yang menjadi sampel penelitian merupakan saham yang aktif diperdagangkan.
6. Perusahaan tidak sedang melakukan *corporate action* lain seperti *right issue*, pemberian saham bonus, *stock dividend*, *stock split*, merger dan akuisisi selama periode jendela (*event window*) untuk menghindari adanya *confounding effect* yang dapat memengaruhi hasil penelitian.

Periode penelitian terbagi menjadi periode estimasi, periode jendela, dan tanggal peristiwa dengan menggunakan model pasar (*market model*). Periode estimasi digunakan untuk menentukan *alpa* dan *beta* saham perusahaan. Kemudian *beta* saham yang dihasilkan selama periode estimasi dikoreksi menggunakan model Fowler dan Rorke. Penggunaan *beta* koreksi dalam penentuan *return* ekspektasi dikarenakan pasar modal di Indonesia masih dalam keadaan berkembang. Dikatakan pasar modal yang berkembang karena transaksi perdagangannya masih jarang terjadi (Hartono, 2010). Hal ini dibuktikan dengan adanya *return* saham yang bernilai sama dengan 0 (nol) secara berturut-turut pada periode penelitian. *Beta* pasar pada pasar modal berkembang masih merupakan *beta* yang

bias, dan *beta* bias ini harus di koreksi terlebih dahulu untuk mendapatkan *return* ekspektasi yang sesuai dengan pasar modal yang berkembang.

Periode peristiwa digunakan untuk menentukan *return* saham harian dan *return* ekspektasi untuk menentukan *abnormal return* saham yang diperoleh pemegang saham. Periode estimasi yang digunakan adalah 120 hari sebelum periode jendela. Periode jendela yaitu 30 hari sebelum dan 30 hari sesudah peristiwa, sedangkan tanggal peristiwa adalah *ex-dividend date*.

Berdasarkan kriteria pemilihan sampel tersebut, diperoleh data sebanyak 40 perusahaan yang melakukan pembagian dividen tunai meningkat dan 22 Perusahaan yang melakukan pembagian dividen tunai menurun yaitu sebagi berikut:

Tabel 1. Daftar Sampel Perusahaan yang Melakukan Pembagian Dividen Tunai Meningkat

No	Perusahaan	Kode Saham	*Ex-dividend Date*
1	Astra Agro Lestari Tbk, PT	AALI	23-May-2011
2	Akr Corporindo Tbk, PT	AKRA	23-Aug-2011
3	Aneka Tambang Tbk, PT	ANTM	2-Jul-2012
4	Astra Graphia Tbk, PT	ASGR	10-May-2013
5	Astra International Tbk, PT	ASII	21-May-2012
6	Alam Sutera Realty Tbk, PT	ASRI	26-Jun-2013
7	Astra Otoparts Tbk, PT	AUTO	24-May-2011
8	Bhakti Capital Indonesia Tbk, PT	BCAP	30-AUG-2012
9	Bw Plantation Tbk, PT	BWPT	18-OCT-2011
10	Colorpak Indonesia Tbk, PT	CLPI	15-AUG-2013
11	Charoen Pokphand Indonesia Tbk, PT	CPIN	3-Jul-2013
12	PT Ciputra Property Tbk	CTRP	13-Jul-2012
13	Ekadharma International Tbk, PT	EKAD	22-Jun-2011
14	Fortune Indonesia Tbk, PT	FORU	24-AUG-2012
15	Gudang Garam Tbk, PT	GGRM	02-AUG-2012
16	Gajah Tunggal Tbk, PT	GJTL	10-Jul-2013
17	Indofood Sukses Makmur Tbk, PT	INDF	29-Jul-2011
18	Indocement Tunggal Prakarsa Tbk, PT	INTP	22-Jun-2011
19	Jaya Konstruksi Manggala Pratama Tbk, PT	JKON	20-Jun-2012
20	Japfa Comfeed Indonesia Tbk, PT	JPFA	5-Jul-2011
21	Kalbe Farma Tbk, PT	KLBF	1-Jul-2011
22	Lippo General Insurance Tbk, PT	LPGI	18-May-2011
23	Multi Indocitra Tbk, PT	MICE	15-Sep-2011
24	Multipolar Tbk, PT	MLPL	10-Mar-2011
25	Matahari Putra Prima Tbk, PT	MPPA	8-Mar-2011
26	Perusahaan Gas Negara (Persero) Tbk, PT	PGAS	29-Apr-2014
27	Pembangunan Perumahan (Persero), PT	PTPP	12-Jul-2011
28	Ramayana Lestari Sentosa Tbk, PT	RALS	22-Jun-2011
29	Surya Citra Media Tbk, PT	SCMA	28-Jun-2011
30	PT, Sampoerna Agro, Tbk	SGRO	5-Jul-2011
31	Sinar Mas Agro Resources And Technology Tbk, PT (Smart Tbk, PT)	SMAR	12-Jul-2011
32	Semen Indonesia (Persero) Tbk, PT	SMGR	29-Apr-2014
33	Summarecon Agung Tbk, PT	SMRA	4-Jul-2011
34	Selamat Sempurna Tbk, PT	SMSM	25-Nov-2013
35	Pabrik Kertas Tjiwi Kimia Tbk, PT	TKIM	13-OCT-2011
36	Total Bangun Persada Tbk, PT	TOTL	25-May-2011
37	Tunas Ridean Tbk, PT	TURI	13-May-2013
38	United Tractor Tbk, PT	UNTR	14-May-2012
39	Unilever Indonesia Tbk, PT	UNVR	28-Jun-2011
40	Wijaya Karya (Persero) Tbk, PT	WIKA	9-Jun-2011

Sumber: Lampiran 1, halaman 68

Tabel 2. Daftar perusahaan yang melakukan pembagian dividen tunai menurun.

No.	Perusahaan	Kode Saham	*Ex-Dividen Date*
1	Adhi Karya (Persero) Tbk, PT	ADHI	6-Jun-2012
2	Adira Dinamika Multi Finance Tbk, PT	ADMF	30-May-2012
3	Akr Corporindo Tbk, PT	AKRA	7-Jun-2012
4	Aneka Tambang Tbk, PT	ANTM	30-May-2013
5	Astra Graphia Tbk, PT	ASGR	10-Oct-2014
6	Astra Otoparts Tbk, PT	AUTO	3-Oct-2013
7	Bhakti Capital Indonesia Tbk, PT	BCAP	28-May-2014
8	Colorpak Indonesia Tbk, PT	CLPI	16-Aug-2011
9	Gajah Tunggal Tbk, PT	GJTL	13-Jun-2011
10	Hanjaya Mandala Sampoerna Tbk, PT	HMSP	3-Oct-2013
11	Kalbe Farma Tbk, PT	KLBF	14-Jun-2013
12	Pp, London Sumatra Indonesia Tbk, PT	LSIP	17-Jun-2011
13	Matahari Putra Prima Tbk, PT	MPPA	1-May-2012
14	Perusahaan Gas Negara (Persero) Tbk, PT	PGAS	1-Dec-2011
15	Radiant Utama Interinsco Tbk, PT	RUIS	3-Jul-2012
16	Surya Citra Media Tbk, PT	SCMA	22-Nov-2013
17	PT, Sampoerna Agro, Tbk	SGRO	6-Jul-2012
18	Semen Gresik (Persero) Tbk, PT	SMGR	28-Dec-2010
19	Timah (Persero) Tbk, PT	TINS	11-May-2012
20	Total Bangun Persada Tbk, PT	TOTL	21-May-2013
21	United Tractor Tbk, PT	UNTR	3-Oct-2013
22	Unilever Indonesia Tbk, PT	UNVR	7-Dec-2011

Sumber: Lampiran 16, halaman 172

2. Analisis Statistik Deskriptif

Statistik deskriptif merupakan proses pengumpulan, penyajian, dan peringkasan berbagai karakteristik data untuk menggambarkan data secara memadai. Analisis statistik bertujuan untuk mengetahui karakteristik data seperti nilai terendah (*minimum*), nilai tertinggi (*maximum*), nilai rata-rata (*mean*), dan tingkat penyimpangan sebaran data (*standard deviation*). Variabel yang digunakan dalam penelitian ini adalah *Average Abnormal Return* sebelum dan sesudah pengumuman dividen yang diperoleh dari selisih antara *return* sesungguhnya dengan *return* ekspektasi pada setiap

perusahaan sampel. Hasil analisis data penelitian akan diuraikan dengan statistik deskriptif yang disajikan sebagai berikut:

Tabel 3. Statistik Deskriptif

Descriptive Statistics

	N	*Minimum*	*Maximum*	*Mean*	*Std. Deviation*
AAR_Sebelum_Div_Naik	30	-.0104	.0087	-.000775	.0044351
AAR_Sesudah_Div_Naik	30	-.0250	.0170	-.003232	.0091816
AAR_Sebelum_Div_Turun	30	-.0136	.0245	.002036	.0081075
AAR_Sesudah_Div_Turun	30	-.0161	.0093	-.002411	.0059678
Valid N (*listwise*)	30				

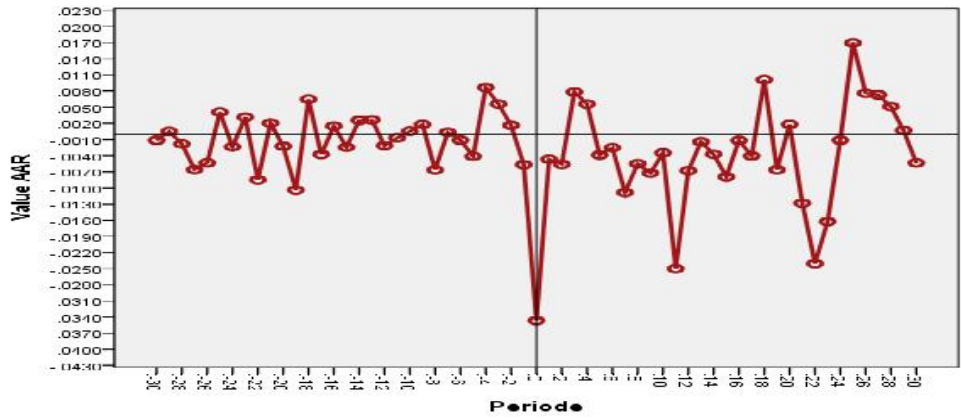
Sumber: Lampiran 32, halaman 129

Berdasarkan tabel 3 diketahui bahwa untuk variabel AAR sebelum dividen meningkat diperoleh nilai minimum sebesar -0,0104; maksimal 0,0087; *mean* -0,000775; serta standar deviasi sebesar 0,0044351. Variabel AAR setelah dividen meningkat diperoleh nilai minimum sebesar -0,0250; maksimal 0,0170; *mean* -0,003232; serta standar deviasi sebesar 0,0091816.

Berdasarkan hasil analisis deskriptif diketahui bahwa untuk variabel AAR sebelum dividen menurun diperoleh nilai minimum sebesar -0,0136; maksimal 0,0245; *Mean* 0,002036; serta standar deviasi sebesar 0,0081075. Variabel AAR setelah dividen menurun diperoleh nilai minimum sebesar -0,0161; maksimal 0,0093; *mean* -0,002411; serta standar deviasi sebesar 0,0059678

Gambar 3 menunjukkan grafik pergerakan *Average Abnormal Return* (ARR) saham perusahaan yang melakukan pengumuman dividen meningkat untuk periode pengamatan 30 hari sebelum pengumuman dan

30 hari sesudah pengumuman dividen meningkat, berdasarkan data penelitian:

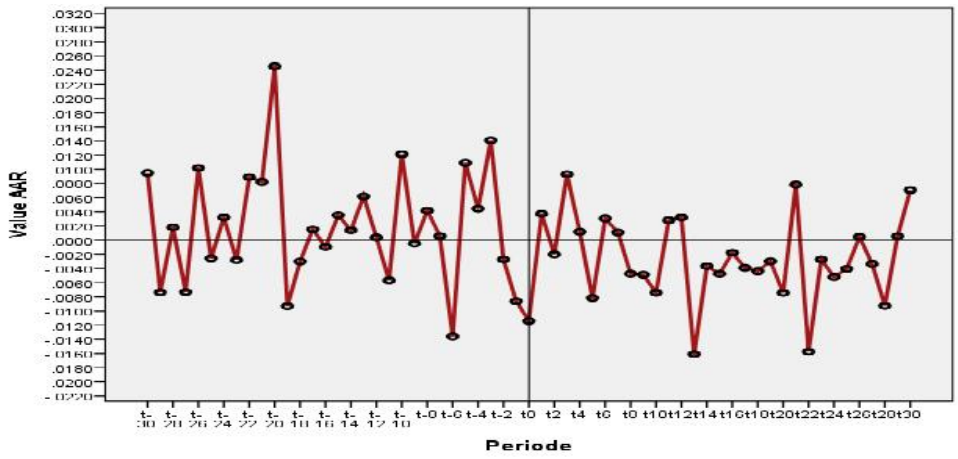


Gambar 3:
Grafik *Average Abnormal Return* Perusahaan Dividen Meningkat
Sumber: Lampiran 33, halaman 130

Berdasarkan gambar 3, dapat di lihat pergerakan *Average Abnormal Return* (AAR) selama periode pengamatan. Grafik pada gambar 3 terlihat fluktuatif yang ditunjukkan oleh adanya *Average Abnormal Return* yang negatif dan positif. *Average Abnormal Return* positif terjadi pada t-29 sebesar 0,0005, t-25 sebesar 0,004, t-23 sebesar 0,0031, t-21 sebesar 0,0020, t-18 sebesar 0,0064, t-16 sebesar 0,0015, t-14 sebesar 0,025, t-13 sebesar 0,0026, t-10 sebesar 0,0005, t-9 sebesar 0,0018, t-7 sebesar 0,0003, t-4 sebesar 0,0086, t-3 sebesar 0,0056, t-2 sebesar 0,0016, t+3 sebesar 0,0078, t+4 sebesar 0,0056, t+18 sebesar 0,01, t+20 sebesar 0,0018, t+25 sebesar 0,0169, t+26 sebesar 0,0076, t+27 sebesar 0,0073, t+28 sebesar 0,0051, t+29 sebesar 0,0007. Sedangkan untuk *Average Abnormal Return* negatif terjadi pada t-30 sebesar -0,0011, t-28 sebesar -0,0018, t-27 sebesar -0,0066, t-26 sebesar -0,0053, t-24 sebesar -0,0024, t-

22 sebesar -0,0085, t-20 sebesar -0,0022, t-19 sebesar -0,0104, t-17 sebesar -0,0038, t-15 sebesar -0,0024, t-12 sebesar -0,0021, t-11 sebesar -0,0007, t-8 sebesar -0,0066, t-6 sebesar -0,0011, t-5 sebesar -0,0041, t-1 sebesar -0,0057, t0 sebesar -0,0347, t+1 sebesar -0,0047, t+2 sebesar -0,0056, t+5 sebesar -0,0039, t+ 6 sebesar -0,0025, t+7 sebesar -0,0108, t+8 sebesar -0,0055, t+9 sebesar -0,0072, t+10 sebesar -0,0035, t+11 sebesar -0,0250, t+12 sebesar -0,0068, t+13 sebesar -0,0014, t+14 sebesar -0,0038, t+15 sebesar -0,0079, t+16 sebesar -0,0012, t+17 sebesar -0,0041, t+19 sebesar -0,0066, t+21 sebesar -0,0128, t+22 sebesar -0,0240, t+23 sebesar -0,0163, t+24 sebesar -0,0011 dan t+30 sebesar -0,0053.

Gamabar 4 menunjukkan grafik pergerakan *Average Abnormal Return* (ARR) saham perusahaan yang melakukan pengumuman dividen meningkat untuk periode pengamatan 30 hari sebelum pengumuman dan 30 hari sesudah pengumuman dividen meningkat, berdasarkan data penelitian:



Gambar 4:
Grafik *Average Abnormal Return* Perusahaan Dividen Menurun
Sumber: Lampiran 33, halaman 130

Berdasarkan gambar 4, dapat di lihat pergerakan *Average Abnormal Return* (AAR) selama periode pengamatan. Grafik pada gambar 4 terlihat fluktuatif yang ditunjukkan oleh adanya *Average Abnormal Return* yang negatif dan positif. *Average Abnormal Return* positif terjadi pada t-30 sebesar 0,0095, t-28 sebesar 0,0018, t-26 sebesar 0,0102, t-24 sebesar 0,0032, t-22 sebesar 0,0089, t-21 sebesar 0,0082, t-20 sebesar 0,0245, t-17 sebesar 0,0015, t-15 sebesar 0,0035, t-14 sebesar 0,0014, t-13 sebesar 0,0062, t-12 sebesar 0,0004, t-10 sebesar 0,0121, t-8 sebesar 0,0042, t-7 sebesar 0,0006, t-5 sebesar 0,0109, t-4 sebesar 0,0044, t-3 sebesar 0,0141, t+1 sebesar 0,0037, t+3 sebesar 0,0093, t+4 sebesar 0,0012, t+6 sebesar 0,0031, t+7 sebesar 0,0011, t+11 sebesar 0,0028, t+12 sebesar 0,0032, t+21 sebesar 0,0078, t+26 sebesar 0,0005, t+29 sebesar 0,0006, dan t+30 sebesar 0,0071. Sedangkan untuk *Average Abnormal Return* negatif terjadi pada t-29 sebesar -0,0074, t-27 sebesar -0,0073, t-25 sebesar -0,0026, t-23 sebesar -0,0028, t-19 sebesar -0,0093, t-18 sebesar -0,0030, t-16 sebesar -0,0010, t-11 sebesar -0,0057, t-9 sebesar -0,0005, t-6 sebesar -0,0136, t-2 sebesar -0,0027, t-1 sebesar -0,0086, t0 sebesar -0,0114, t+2 sebesar -0,0020, t+5 sebesar -0,0082, t+8 sebesar -0,0048, t+9 sebesar -0,0049, t+10 sebesar -0,0074, t+13 sebesar -0,0161, t+14 sebesar -0,0037, t+15 sebesar -0,0048, t+16 sebesar -0,0018, t+17 sebesar -0,0039, t+18 sebesar -0,0044, t+19 sebesar -0,0030, t+20 sebesar -0,0074, t+22 sebesar -0,0157, t+23 sebesar -0,0027, t+24 sebesar -0,0052, t+25 sebesar -0,0041, t+27 sebesar -0,0034 dan t+28 sebesar -0,0093.

3. Uji Normalitas *Average Abnormal Return* (AAR)

Uji normalitas merupakan syarat utama dalam uji *one sample t-test*. Uji normalitas dilakukan untuk mengetahui data variabel penelitian berdistribusi normal atau tidak. Pengujian normalitas menggunakan uji Kolmogorov-Smirnov dan perhitungannya menggunakan program SPSS 20 *for windows.* Hasil uji normalitas untuk masing masing variabel penelitian disajikan berikut ini:

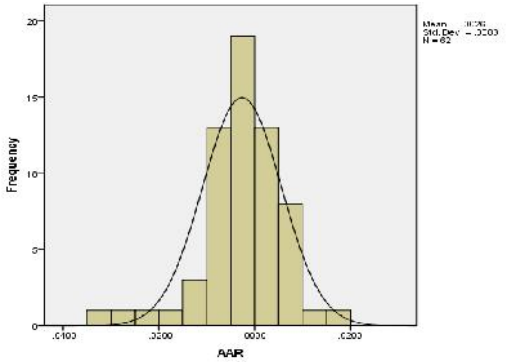
Tabel 4. Hasil Uji Normalitas

Variabel	Sig	Kesimpulan
AAR Perusahaan Dividen Meningkat	0,150	Data berdistribusi normal
AAR Perusahaan Dividen Menurun	0,887	Data berdistribusi normal
AAR sebelum pengumuman dividen meningkat	0,974	Data berdistribusi normal
AAR sesudah pengumuman dividen meningkat	0,620	Data berdistribusi normal
AAR sebelum pengumuman dividen menurun	0,985	Data berdistribusi normal
AAR sesudah pengumuman dividen menurun	0,786	Data berdistribusi normal

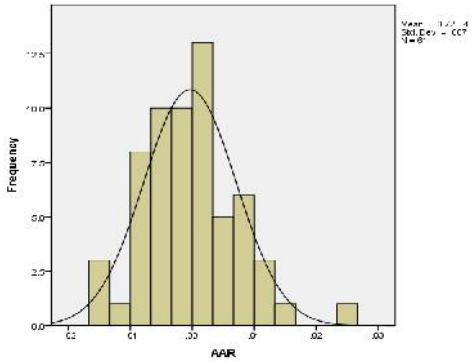
Sumber: Lampiran 36, halaman 133

Hasil uji normalitas variabel penelitian dapat diketahui bahwa semua variabel penelitian mempunyai nilai signifikansi lebih besar dari 0,05 pada (sig>0,05), sehingga dapat disimpulkan bahwa semua variabel penelitian berdistribusi nomal

Uji normalitas data dapat juga dilihat menggunakan histogram. Grafik histogram ini akan membandingkan antara data observasi dengan distribusi yang mendekati normal. Di bawah ini uji normalitas menggunakan histogram

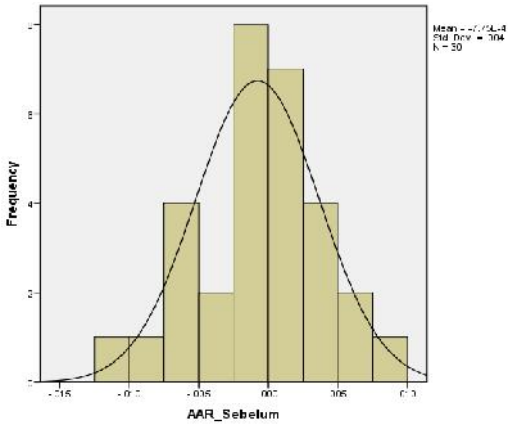


Gambar 5:
Uji Normalitas Data
***Average Abnormal Return* Perusahaan**
Dividen Meningkat

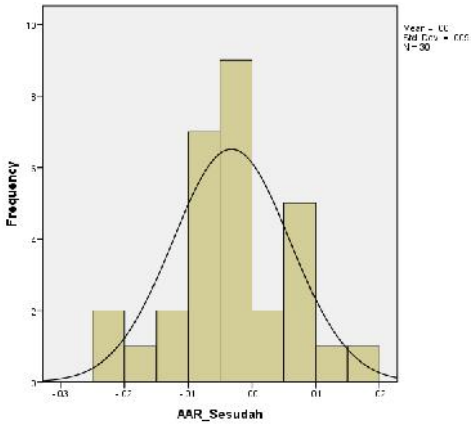


Gambar 6:
Uji Normalitas Data
***Average Abnormal Return* Perusahaan**
Dividen Menurun

Sumber Lampiran 38, halaman 138

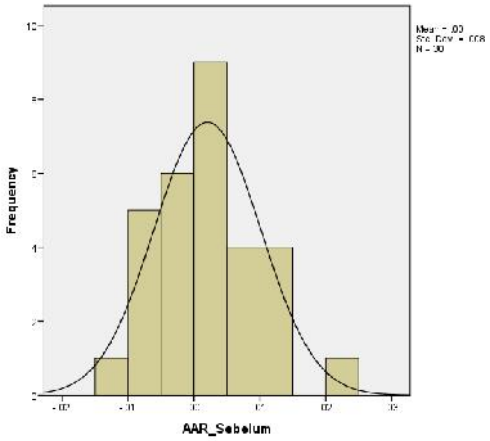


Gambar 7:
Uji Normalitas Data
***Average Abnormal Return* Sebelum**
Pengumuman Dividen Meningkat

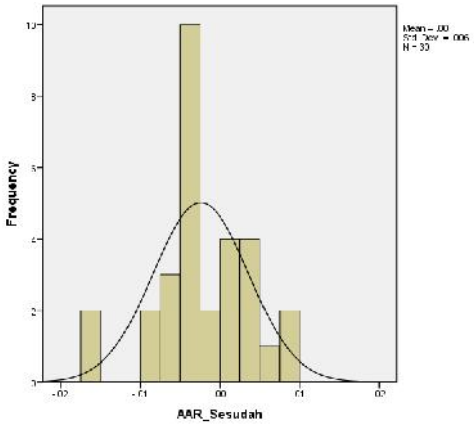


Gambar 8:
Uji Normalitas Data
***Average Abnormal Return* Sesudah**
Pengumuman Dividen Meningkat

Sumber: Lampiran 39, halaman 136



Gambar 9:
Uji Normalitas Data
***Average Abnormal Return* Sesudah**
Pengumuman Dividen Menurun
Sumber: Lampiran 39, halaman 136



Gambar 8:
Uji Normalitas Data
***Average Abnormal Return* Sesudah**
Pengumuman Dividen Menurun

Pada gambar 5 hingga gambar 8, menunjukkan bahwa grafik histogram memberikan pola distribusi yang simetris dan seimbang, sehingga data *Average Abnormal Return* (AAR) dinyatakan normal.

Berdasarkan hasil uji normalitas yang telah ditunjukkan pada tabel 4 dan gambar 5 hingga 8 dapat disimpulkan bahwa data yang digunakan adalah normal, sehingga pengujian hipotesis akan dilakukan dengan menggunakan uji *one sample t-test* dan uji *paired sample t-test* untuk menguji perbedaan *Average Abnormal Return.*

4. Uji *One sample t-test*

Uji *One sample t-test* digunakan untuk mengetahui signifikansi *Average Abnormal Return* pada setiap harinya.

1. Pengujian *One sample t-test* pada perusahaan yang mengumumkan dividen meningkat. Hasil pengujian *one sample t-test* dapat di lihat pada tabel 5 berikut ini:

Tabel 5. Uji *One sampet t-test* Perusahaan Dividen Meningkat

Periode	Nilai Signifikan	Kesimpulan	Periode	Nilai Signifikan	Kesimpulan
t30	0,215	Tidak Signifikan	t0	0,000	Signifikan
t29	0,929	Tidak Signifikan	t-1	0,242	Tidak Signifikan
t28	0,486	Tidak Signifikan	t-2	0,682	Tidak Signifikan
t27	0,221	Tidak Signifikan	t-3	0,416	Tidak Signifikan
t26	0,329	Tidak Signifikan	t-4	0,245	Tidak Signifikan
t25	0,101	Tidak Signifikan	t-5	0,170	Tidak Signifikan
t24	0,882	Tidak Signifikan	t-6	0,685	Tidak Signifikan
t23	0,000	Signifikan	t-7	0,925	Tidak Signifikan
t22	0,249	Tidak Signifikan	t-8	0,078	Tidak Signifikan
t21	0,019	Signifikan	t-9	0,743	Tidak Signifikan
t20	0,721	Tidak Signifikan	t-10	0,819	Tidak Signifikan
t19	0,170	Tidak Signifikan	t-11	0,838	Tidak Signifikan
t18	0,232	Tidak Signifikan	t-12	0,663	Tidak Signifikan
t17	0,413	Tidak Signifikan	t-13	0,571	Tidak Signifikan
t16	0,778	Tidak Signifikan	t-14	0,657	Tidak Signifikan
t15	0,150	Tidak Signifikan	t-15	0,665	Tidak Signifikan
t14	0,370	Tidak Signifikan	t-16	0,692	Tidak Signifikan
t13	0,737	Tidak Signifikan	t-17	0,213	Tidak Signifikan
t12	0,068	Tidak Signifikan	t-18	0,171	Tidak Signifikan
t11	0,275	Tidak Signifikan	t-19	0,032	Signifikan
t10	0,468	Tidak Signifikan	t-20	0,673	Tidak Signifikan
t9	0,248	Tidak Signifikan	t-21	0,665	Tidak Signifikan
t8	0,364	Tidak Signifikan	t-22	0,006	Signifikan
t7	0,143	Tidak Signifikan	t-23	0,315	Tidak Signifikan
t6	0,493	Tidak Signifikan	t-24	0,557	Tidak Signifikan
t5	0,302	Tidak Signifikan	t-25	0,209	Tidak Signifikan
t4	0,446	Tidak Signifikan	t-26	0,152	Tidak Signifikan
t3	0,294	Tidak Signifikan	t-27	0,210	Tidak Signifikan
t2	0,298	Tidak Signifikan	t-28	0,664	Tidak Signifikan
t1	0,243	Tidak Signifikan	t-29	0,918	Tidak Signifikan
			t-30	0,771	Tidak Signifikan

Sumber: Lampiran 34, halaman 132

Berdasarkan tabel 5 dapat diketahui bahwa untuk AAR yang signifikan dibawah 0,05 adalah AAR pada saat t-22 sebesar 0,006, t-19 sebesar 0,032, t0 sebesar 0,000, t+21 sebesar 0,019 dan t+23 sebesar 0,000.

2. Pengujian *One sample t-test* pada perusahaan yang mengumumankan dividen meningkat. Hasil pengujian *One sample t-test* dapat di lihat pada tabel 6 berikut ini:

Tabel 6: Uji *One sampel t-test* Perusahaan Dividen Menurun

Periode	Nilai Signifikan	Kesimpulan	Periode	Nilai Signifikan	Kesimpulan
t30	0,229	Tidak Signifikan	t0	0,088	Tidak Signifikan
t29	0,003	Signifikan	t-1	0,389	Tidak Signifikan
t28	0,001	Signifikan	t-2	0,587	Tidak Signifikan
t27	0,35	Tidak Signifikan	t-3	0,818	Tidak Signifikan
t26	0,63	Tidak Signifikan	t-4	0,466	Tidak Signifikan
t25	0,883	Tidak Signifikan	t-5	0,982	Tidak Signifikan
t24	0,877	Tidak Signifikan	t-6	0,781	Tidak Signifikan
t23	0,995	Tidak Signifikan	t-7	0,168	Tidak Signifikan
t22	0,018	Signifikan	t-8	0,062	Tidak Signifikan
t21	0,609	Tidak Signifikan	t-9	0,74	Tidak Signifikan
t20	0,97	Tidak Signifikan	t-10	0,035	Signifikan
t19	0,091	Tidak Signifikan	t-11	0,684	Tidak Signifikan
t18	0,536	Tidak Signifikan	t-12	0,146	Tidak Signifikan
t17	0,679	Tidak Signifikan	t-13	0,373	Tidak Signifikan
t16	0,062	Tidak Signifikan	t-14	0,975	Tidak Signifikan
t15	0,501	Tidak Signifikan	t-15	0,373	Tidak Signifikan
t14	0,134	Tidak Signifikan	t-16	0,41	Tidak Signifikan
t13	0,429	Tidak Signifikan	t-17	0,239	Tidak Signifikan
t12	0,476	Tidak Signifikan	t-18	0,321	Tidak Signifikan
t11	0,135	Tidak Signifikan	t-19	0,149	Tidak Signifikan
t10	0,913	Tidak Signifikan	t-20	0,107	Tidak Signifikan
t9	0,611	Tidak Signifikan	t-21	0,716	Tidak Signifikan
t8	0,999	Tidak Signifikan	t-22	0,882	Tidak Signifikan
t7	0,229	Tidak Signifikan	t-23	0,559	Tidak Signifikan
t6	0,627	Tidak Signifikan	t-24	0,034	Signifikan
t5	0,426	Tidak Signifikan	t-25	0,763	Tidak Signifikan
t4	0,192	Tidak Signifikan	t-26	0,004	Signifikan
t3	0,796	Tidak Signifikan	t-27	0,01	Signifikan
t2	0,312	Tidak Signifikan	t-28	0,875	Tidak Signifikan
t1	0,654	Tidak Signifikan	t-29	0,04	Signifikan
			t-30	0,093	Tidak Signifikan

Sumber: Lampiran 35, halaman 133

Berdasarkan tabel 6 dapat diketahui bahwa untuk AAR yang signifikan dibawah 0,05 adalah AAR pada saat t-29 sebesar 0,04, t-27 sebesar 0,027, t-26 sebesar 0,004, t-24 sebesar 0,034, t-10 sebesar 0,035, t+22 sebesar 0,018, t+28 sebesar 0,001 dan t+29 sebesar 0,003

5. Pengujian Hipotesis Penelitian

Tujuan penelitian ini untuk: (1) memberikan temuan empiris mengenai pengaruh pengumuman dividen meningkat terhadap *abnormal return*

sebelum dan asesudah *ex-dividend date* di Bursa Efek Indonesia periode 2010-2014, (2) memberikan temuan empiris mengenai pengaruh pengumuman dividen menurun terhadap *abnormal return* sebelum dan sesudah *ex-dividend date* di Bursa Efek Indonesia periode 2010-2014. Analisis data yang digunakan untuk pengujian hipotesis adalah analisis *paired t-test.* Di bawah ini akan dibahas hasil analisis *paired t-test* yang dilakukan dengan menggunakan program SPSS 20.00 *for windows*.

a. Terdapat perbedaan *Average Abnormal Return* (AAR) sebelum dan sesudah *ex-dividend date* di Bursa Efek Indonesia periode 2010-2014

Hipotesis pertama penelitian ini menduga bahwa terdapat perbedaan *Average Abnormal Return* (AAR) sebelum dan sesudah *ex-dividend date* dengan adanya pengumuman dividen meningkat. Hasil analisis untuk mengetahui apakah terdapat perbedaan *Average Abnormal Return* (AAR) sebeum dan sesudah *ex-dividen date* dengan adanya pengumuman dividen meningkat di Bursa Efek Indonesia periode 2010-2014 yang dianalisis menggunakan uji *paired t-test*. Rangkuman hasil uji t untuk mengetahui perbedaan tersebut disajikan sebagai berikut:

Tabel 7. Uji *Paired t-test* Perusahaan Dividen Meningkat

Paired Samples Test

		Paired Differences					T	df	*Sig. (2-tailed)*
		Mean	*Std. Deviation*	*Std. Error Mean*	*95% Confidence Interval of the Difference*				
					Lower	*Upper*			
Pair 1	AAR_Sebelum - AAR_Sesudah	.0024569	.0093815	.0017128	-.0010462	.0059600	1.434	29	.162

Sumber: Lampiran 37, halaman 134

Tabel 7, menunjukkan bahwa rata-rata variabel AAR sebelum dan sesudah pengumuman dividen meningkat sebesar 0,0024569 dengan tingkat signifikansi 0,162. Hal ini menunjukkan nilai signifikansi lebih besar dari 0,05 (0,162>0,05), sehingga hipotesis dalam penelitian ini ditolak. Hasil tersebut menunjukkan bahwa tidak terdapat perbedaan *Average Abnormal Return* yang signifikan sebelum dan sesudah pengumuman dividen meningkat.

b. Terdapat perbedaan *Average Abnormal Return* (AAR) sebeum dan sesudah *ex-dividend date* di Bursa Efek Indonesia periode 2010-2014

Hasil analisis untuk mengetahui apakah terdapat perbedaan *Average Abnormal Return* (AAR) sebeum dan sesudah *ex-dividend date* dengan adanya pengumuman dividen menurun di Bursa Efek Indonesia periode 2010-2014 yang dianalisis menggunakan uji *paired t-test*. Rangkuman hasil uji t untuk mengetahui perbedaan tersebut disajikan sebagai berikut:

Tabel 8. Uji *Paired t-test* Perusahaan Dividen Menurun

Paired Samples Test

		Paired Differences					t	df	*Sig. (2-tailed)*
		Mean	*Std. Deviation*	*Std. Error Mean*	*95% Confidence Interval of the Difference*				
					Lower	*Upper*			
Pair 1	AAR_Sebelum - AAR_Sesudah	.0044473	.0098738	.0018027	.0007604	.0081343	2.467	29	.020

Sumber: Lampiran 37, halaman 134

Tabel 8, rata-rata variabel AAR sebelum dan sesudah pengumuman dividen meningkat sebesar 0,0044473 dengan tingkat signifikansi 0,02. Hal ini menunjukkan nilai signifikansi lebih kecil dari 0,05

(0,02<0,05), sehingga hipotesis dalam penelitian ini diterima. Hasil tersebut menunjukkan bahwa terdapat perbedaan *Average Abnormal Return* yang signifikan sebelum dan sesudah pengumuman dividen menurun.

B. Pembahasan

1. Terdapat perbedaan *Average Abnormal Return* yang signifikan sebelum dan sesudah *ex-dividend date* dengan adanya pengumuman dividen meningkat di Bursa Efek Indonesia Periode 2010-2014

   Hasil perhitungan statistik dengan menggunakan *paired t-test* di peroleh nilai t sebesar 1,434 dengan tingkat signifikansi 0,162. Hal ini menunjukkan nilai signifikansi lebih besar dari 0,05 (0,162>0,5), sehingga hipotesis dalam penelitian ini ditolak. Hasil tersebut menunjukkan bahwa tidak terdapat perbedaan AAR sebelum dan sesudah pengumuman dividen meningkat. Dampak pengumuman dividen meningkat pada *abnormal return* terjadi hanya pada saat *event date*, terbukti pada saat t0 terdapat *Average Abnormal Return* yang signifikan dibawah 0,05 (0,00<0,05) dan tidak menimbulkan perbedaan *Average Abnormal Return* sebelum dan sesudah *ex-dividend date*.

   Pengumuman dividen meningkat merupakan informasi bagi investor sebagai cermin prospek perusahaan saat ini dan dimasa depan, investor akan menerima pengumuman tersebut sebagai informasi yang akan digunakan sebagai pertimbangan pengambilan keputusan investasi di pasar modal yang akan berpengaruh pada *abnormal return* yang diperoleh. Informasi mengenai pengumuman dividen meningkat diduga telah bocor yang bisa berupa tanggal

pengumuman dividen, jumlah dividen yang akan dibagikan atau informasi lainnya yang berdampak pada harga saham perusahaan, terbukti terdapat *abnormal return* yang signifikan pada periode t-22 dengan tingkat signifikan 0,007 (0,007<0,05) dan t-19 dengan tingkat signifikansi 0,033 (0,033<0,05).

Di dalam penelitian ini juga dapat disimpulkan bahwa *ex-dividend date* merupakan *bad news* bagi investor, hal ini dibuktikan dengan *abnormal return* negatif yang signifikan (0,000<0,05) pada saat tanggal pengumuman. Meskipun perusahaan telah memberikan dividen yang lebih besar kepada investor, namun pada saat *ex-dividend date* investor cenderung lebih memilih menjual saham mereka dari pada harus menyimpan saham untuk keuntungan di masa depan.

Berdasarkan teori efisiensi pasar modal, hasil penelitian ini menjelaskan bahwa pasar modal Indonesia masih belum efisien bentuk kuat, dibuktikan dengan adanya *abnormal return* yang signifikan pada tanggal t+23, t+21, t0, t-19, t-22. Pasar dikatakan efisien bentuk kuat jika tidak terdapat *abnormal return* diseputar tanggal penelitian. Karena investor masih bisa mendapatkan *abnormal return,* maka harga-harga sekuritas belum mencerminkan semua informasi yang tersedia.

Hasil penelitian ini mendukung penelitian yang dilakukan oleh Wibowo dan Andorini (2006) tentang analisis pengaruh pengumuman dividen terhadap harga saham sebelum dan sesudah *ex-dividend date* di Bursa Efek Jakarta. Hasil penelitian tersebut menyatakan bahwa tidak terdapat perbedaan *abnormal return* yang signifikan sebelum dan sesudah pengumuman dividen

meningkat pada saat *ex-dividend date* di Bursa Efek Jakarta pada perusahaan-perusahaan yang menjadi sampel penelitian selama periode pengamatan tahun 2000-2004.

2. Terdapat perbedaan *Average Abnormal Return* yang signifikan sebelum dan sesudah *ex-dividend date* dengan adanya pengumuman dividen menurun di Bursa Efek Indonesia Periode 2010-2014

   Hasil perhitungan statistik dengan menggunakan *paired t-test* di peroleh t sebesar 2,467 dengan tingkat signifikansi 0,02. Hal ini menunjukkan nilai signifikansi lebih kecil dari 0,05 (0,02<0,05), sehingga hipotesis dalam penelitian ini di terima. Hasil tersebut menunjukkan bahwa terdapat perbedaan AAR sebelum dan sesudah pengumuman dividen menurun.

   Meskipun pengumuman dividen ini diduga telah bocor bisa berupa tanggal pengumuman, jumlah dividen yang akan dibagikan atau informasi lainnya yang berdampak pada harga saham perusahaan, serta dibuktikan dengan adanya *Average Abnormal Return* yang signifikan pada periode t-29, t-27, t-26, t-24, t-10, namun kebocoran tersebut menyebabkan AAR menjadi positif dan mayoritas AAR pada saat sebelum *ex-dividend date* berada disisi positif atau di atas 0, kemudian setelah *ex-dividend date* mayoritas AAR menjadi negatif, sehingga membuat perbedaan yang signifikan AAR antara sebelum dan sesudah *ex-dividend date*.

   Berdasarkan teori efisiensi pasar modal, hasil penelitian ini menjelaskan bahwa pasar modal Indonesia masih belum efisien bentuk kuat, dibuktikan dengan adanya *abnormal return* yang signifikan pada tanggal t+22, t-10, t-24,

t-26, t-27 dan t-29. Pasar dikatakan efisien bentuk kuat jika tidak terdapat *abnormal return* diseputar tanggal penelitian. Karena investor masih bisa mendapatkan *abnormal return*, maka harga-harga sekuritas belum mencerminkan semua informasi.

Hasil penelitian ini mendukung penelitian yang dilakukan oleh Wibowo dan Andorini (2006) melakukan tentang analisis pengaruh pengumuman dividen terhadap harga saham sebelum dan sesudah *ex-dividend date* di Bursa Efek Jakarta. Hasil penelitian tersebut menyatakan bahwa terdapat perbedaan *abnormal return* yang signifikan sebelum dan sesudah pengumuman dividen menurun pada saat *ex-dividend date* di Bursa Efek Jakarta pada perusahaan-perusahaan yang menjadi sampel penelitian selama periode pengamatan tahun 2000-2004.

BAB V

KESIMPULAN DAN SARAN

A. Kesimpulan

Berdasarkan hasil penelitian dan pembahasan tentang "Analisis Pengaruh Pengumuman Dividen Tunai Terhadap *Abnormal Return* Sebelum Dan Sesudah *Ex-Dividend Date*" dapat disimpulkan bahwa:

1. Kelompok sampel perusahaan yang mengumumkan dividen meningkat.

   Berdasarkan pengujian hipotesis yang telah dilakukan pada bab sebelumnya dapat diperoleh kesimpulan bahwa pengumuman dividen meningkat di Bursa Efek Indonesia (BEI) tidak mengakibatkan timbulnya perbedaan *abnormal return* yang signifikan sebelum dan sesudah *ex-dividend date*. Hal ini dibuktikan oleh hasil uji *paired t-test* dengan nilai t 1,434 dan signifikansi 0,162 (0,162>0,05).

2. Kelompok sampel perusahaan yang mengumumkan dividen menurun.

   Berdasarkan pengujian hipotesis yang telah dilakukan pada bab sebelumnya dapat diperoleh kesimpulan bahwa pengumuman dividen menurun di Bursa Efek Indonesia mengakibatkan adanya perbedaan *abnormal return* sebelum dan sesudah *ex-dividend date*. Hal ini dibuktikan oleh hasil uji *paired t-test* dengan nilai t 2,467 dan signifikansi 0,02 (0,02<0,05).

3. Efisiensi pasar modal

   Berdasarkan pengujian hipotesis yang telah dilakukan pada bab sebelumnya dapat diperoleh kesimpulan bahwa pasar modal Indonesia

belum efisien bentuk kuat, karena masih terdapat *abnormal return* di seputar tanggal penelitian.

B. Keterbatasan Penelitian

Penelitian yang telah dilakukan masih terdapat beberapa keterbatasan, diantaranya:

1. Keterbatasan dalam mengambil periode penelitian, periode penelitian yang diambil relatif singkat yaitu 5 tahun (2010-2014).
2. Peneliti tidak mempertimbangkan faktor makro yang dapat memengaruhi harga saham seperti nilai kurs, politik dalam negeri, pengumuman tingkat suku bunga dari luar maupun dalam negeri
3. Periode jendela hanya 60 hari, 30 hari sebelum peristiwa, 1 hari pada saat peristiwa, dan 30 hari setelah peristiwa.

C. Saran

Berdasarkan kesimpulan di atas, maka dapat diberikan beberapa saran sebagai berikut:

1. Bagi investor dan calon investor

   Investor harus lebih cermat dalam menentukan keputusan mereka atas investasi yang dijalankannya untuk menghindari kerugian atas peristiwa pengumuman dividen pada saat *ex-dividend date*.

2. Bagi peneliti selanjutnya

   Penelitian selanjutnya akan lebih baik jika menguji pengaruh *corporate action* lain, seperti *merger*, akuisisi, *buy back* dan *stock split* terhadap *abnormal return*.

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LAMPIRAN

Lampiran: 1

Daftar Sampel Perusahaan Dividen Meningkat

No.	Perusahaan	Kode Saham	*Ex-Dividend Date*
1	Astra Agro Lestari Tbk, PT	AALI	23-May-2011
2	Akr Corporindo Tbk, PT	AKRA	23-Aug-2011
3	Aneka Tambang Tbk, PT	ANTM	2-Jul-2012
4	Astra Graphia Tbk, PT	ASGR	10-May-2013
5	Astra International Tbk, PT	ASII	21-May-2012
6	Alam Sutera Realty Tbk, PT	ASRI	26-Jun-2013
7	Astra Otoparts Tbk, PT	AUTO	24-May-2011
8	Bhakti Capital Indonesia Tbk, PT	BCAP	30-AUG-2012
9	Bw Plantation Tbk, PT	BWPT	18-OCT-2011
10	Colorpak Indonesia Tbk, PT	CLPI	15-AUG-2013
11	Charoen Pokphand Indonesia Tbk, PT	CPIN	3-Jul-2013
12	PT Ciputra Property Tbk	CTRP	13-Jul-2012
13	Ekadharma International Tbk, PT	EKAD	22-Jun-2011
14	Fortune Indonesia Tbk, PT	FORU	24-AUG-2012
15	Gudang Garam Tbk, PT	GGRM	02-AUG-2012
16	Gajah Tunggal Tbk, PT	GJTL	10-Jul-2013
17	Indofood Sukses Makmur Tbk, PT	INDF	29-Jul-2011
18	Indocement Tunggal Prakarsa Tbk, PT	INTP	22-Jun-2011
19	Jaya Konstruksi Manggala Pratama Tbk, PT	JKON	20-Jun-2012
20	Japfa Comfeed Indonesia Tbk, PT	JPFA	5-Jul-2011
21	Kalbe Farma Tbk, PT	KLBF	1-Jul-2011
22	Lippo General Insurance Tbk, PT	LPGI	18-MAY-2011
23	Multi Indocitra Tbk, PT	MICE	15-Sep-2011
24	Multipolar Tbk, PT	MLPL	10-Mar-2011
25	Matahari Putra Prima Tbk, PT	MPPA	8-Mar-2011
26	Perusahaan Gas Negara (Persero) Tbk, PT	PGAS	29-Apr-2014
27	Pembangunan Perumahan (Persero), PT	PTPP	12-Jul-2011
28	Ramayana Lestari Sentosa Tbk, PT	RALS	22-Jun-2011
29	Surya Citra Media Tbk, PT	SCMA	28-Jun-2011
30	PT, Sampoerna Agro, Tbk	SGRO	5-Jul-2011
31	Sinar Mas Agro Resources And Technology Tbk, PT (Smart Tbk, PT)	SMAR	12-Jul-2011
32	Semen Indonesia (Persero) Tbk, PT	SMGR	29-Apr-2014
33	Summarecon Agung Tbk, PT	SMRA	4-Jul-2011
34	Selamat Sempurna Tbk, PT	SMSM	25-Nov-2013
35	Pabrik Kertas Tjiwi Kimia Tbk, PT	TKIM	13-OCT-2011
36	Total Bangun Persada Tbk, PT	TOTL	25-MAY-2011
37	Tunas Ridean Tbk, PT	TURI	13-May-2013
38	United Tractor Tbk, PT	UNTR	14-May-2012
39	Unilever Indonesia Tbk, PT	UNVR	28-Jun-2011
40	Wijaya Karya (Persero) Tbk, PT	WIKA	9-Jun-2011

Lampiran: 2

Harga Saham Perusahaan Dividen Tunai Meningkat

	AALI	AKRA	ANTM	ASGR	ASII	ASRI	AUTO
t30	23000	2600	1240	1450	6900	720	3979.74
t29	23100	2550	1250	1450	6850	720	3955.77
t28	23250	2500	1260	1510	6650	720	3979.74
t27	23250	2475	1260	1530	6800	720	4027.69
t26	23500	2325	1230	1530	6750	700	4003.72
t25	22950	2275	1220	1550	6700	700	4075.64
t24	22950	2275	1250	1470	6850	710	3092.69
t23	23000	2400	1280	1490	6650	710	3116.67
t22	23150	2400	1300	1510	6800	700	3164.61
t21	23150	2400	1280	1590	6750	740	15919
t20	23300	2375	1270	1620	6750	750	15631.3
t19	23000	2325	1270	1810	6600	780	15247.7
t18	22850	2450	1270	1810	6650	750	14960
t17	22700	2400	1300	1950	6850	750	14960
t16	23050	2625	1350	1950	6650	760	15103.9
t15	23050	2625	1370	1990	6600	760	15439.5
t14	22700	2600	1360	1900	6650	750	15391.6
t13	22800	2625	1360	1920	6800	730	15199.8
t12	23000	2525	1330	1840	6950	730	15151.8
t11	23400	2525	1340	1750	6600	710	15343.6
t10	23500	2600	1330	1740	62400	700	15343.6
t9	23600	2625	1350	1700	63350	670	15439.5
t8	23850	2725	1370	1720	64300	670	15439.5
t7	23650	2700	1340	1710	66000	740	15583.4
t6	23600	2750	1390	1750	65200	690	15583.4
t5	23100	2750	1400	1740	66000	710	15439.5
t4	23200	2775	1420	1680	65850	730	15247.7
t3	23050	2650	1370	1660	67750	750	15295.6
t2	22750	2650	1360	1750	67750	750	15343.6
t1	23350	2625	1340	1780	68850	810	15199.8
t0	23150	2650	1320	1790	66850	800	15439.5
t-1	24000	2900	1410	1840	68400	770	15871
t-2	23850	2925	1380	1840	68400	760	16158.7
t-3	23600	2975	1330	1830	68400	800	15919
t-4	23600	2925	1340	1800	67950	800	15871
t-5	23650	2925	1350	1790	68600	860	15871
t-6	23500	2800	1390	1810	68850	870	15871
t-7	24050	2800	1330	1820	68950	880	15775.1
t-8	23800	2825	1280	1840	69650	840	15727.2
t-9	23750	2700	1350	1850	70900	820	15823.1
t-10	23400	2675	1180	1840	71500	850	15919
t-11	23650	2775	1210	1830	72700	800	15823.1
t-12	23800	2950	1220	1900	74200	890	15919
t-13	23950	2975	1230	1940	73650	900	15679.3
t-14	24000	3000	1190	1940	71750	940	15727.2
t-15	23150	3025	1210	1950	71000	940	15823.1
t-16	23150	3050	1210	1880	70700	970	16014.9
t-17	23000	3075	1150	1840	70750	1020	16110.8
t-18	22950	3000	1140	1820	70900	1060	16062.8
t-19	22850	2875	1170	1810	71400	1050	16158.7
t-20	22950	2900	1150	1800	72200	1070	16206.7
t-21	22950	2600	1300	1810	73300	1080	16158.7
t-22	22550	2500	1330	1800	72750	1050	15679.3
t-23	22850	2600	1370	1830	73850	1050	15151.8
t-24	22800	2450	1390	1800	74050	1050	15199.8
t-25	22550	2425	1390	1810	73550	1110	15439.5
t-26	22750	2375	1420	1810	74300	1080	15679.3
t-27	22500	2375	1480	1860	73800	1070	15487.5
t-28	22800	2400	1460	1860	73300	1080	14768.2
t-29	22500	2300	1480	1870	74100	1080	14720.3
t-30	22800	2225	1480	1860	75250	1080	14720.3

	BCAP	BWPT	CLPI	CPIN	CTRP	EKAD	FORU
t30	1310	1147.23	630	4350	580	485	153
t29	1250	1147.23	630	4250	580	490	150
t28	1330	1155.54	630	4050	580	500	154
t27	1410	1155.54	630	4150	580	485	154
t26	1360	1138.92	620	4150	580	520	151
t25	1110	1147.23	640	4150	590	520	150
t24	1040	1155.54	620	4150	570	550	153
t23	840	1155.54	630	4150	580	550	157
t22	880	1097.35	610	4150	600	560	160
t21	880	1089.04	610	4150	610	560	160
t20	880	1072.41	600	4300	600	590	157
t19	910	1097.35	600	4350	600	600	154
t18	990	1147.23	600	4350	600	590	151
t17	860	1147.23	600	4275	590	570	154
t16	850	1147.23	590	4425	580	570	153
t15	820	1155.54	610	4550	580	540	152
t14	820	1155.54	590	4575	630	540	151
t13	820	1138.92	610	4500	640	550	153
t12	810	1147.23	600	4625	660	530	150
t11	830	1155.54	630	4800	670	530	148
t10	830	1155.54	600	4700	680	530	151
t9	880	1097.35	630	4700	680	560	151
t8	910	1089.04	620	4700	680	650	155
t7	750	1072.41	630	4650	690	670	155
t6	800	1097.35	650	4600	710	660	155
t5	800	1097.35	630	4400	710	630	154
t4	800	1122.29	680	4325	700	650	153
t3	800	1130.6	740	4275	690	520	153
t2	800	1155.54	730	4475	670	420	153
t1	850	1147.23	750	4350	670	425	153
t0	850	1180.48	740	4400	660	440	153
t-1	870	1180.48	760	4700	660	480	160
t-2	870	1197.11	760	4950	670	570	155
t-3	860	1197.11	760	5150	690	570	156
t-4	860	1197.11	760	4875	680	460	156
t-5	860	1205.42	760	4700	670	370	156
t-6	860	1197.11	760	4400	660	385	157
t-7	860	1197.11	760	4550	660	380	157
t-8	860	1238.67	740	4600	650	370	159
t-9	860	1222.05	720	4700	640	380	161
t-10	860	1205.42	740	5000	670	390	160
t-11	850	1205.42	750	5100	660	385	160
t-12	850	1222.05	770	5100	660	390	160
t-13	860	1213.73	770	4750	660	375	159
t-14	840	1205.42	760	4400	670	395	162
t-15	890	1205.42	800	4725	690	390	157
t-16	880	1213.73	780	4550	670	355	158
t-17	900	1213.73	800	4775	670	355	158
t-18	900	1213.73	830	4750	650	350	155
t-19	910	1213.73	740	5050	640	335	155
t-20	960	1213.73	720	5050	670	340	160
t-21	970	1188.79	720	5000	690	340	160
t-22	970	1213.73	740	4900	690	345	162
t-23	980	1213.73	740	4950	690	350	164
t-24	970	1205.42	730	5100	690	360	165
t-25	970	1213.73	720	5000	700	365	163
t-26	970	1163.85	720	5100	690	360	160
t-27	970	1163.85	740	5050	660	340	166
t-28	970	1230.36	750	5300	710	330	171
t-29	980	1230.36	730	5200	720	335	169
t-30	980	1246.99	750	5500	720	345	168

	GGRM	GJTL	INDF	INTP	JKON	JPFA	KLBF
t30	50000	2225	5450	14750	1572.55	5050	3450
t29	49750	2475	5550	15250	1572.55	4850	3325
t28	49400	2625	5700	15500	1513.57	4850	2975
t27	49650	2625	5700	15450	1513.57	4950	3175
t26	50050	2675	5900	15900	1572.55	4900	3200
t25	50350	2625	5950	16400	1533.23	5100	3325
t24	50100	2625	6000	16450	1533.23	5100	3400
t23	49450	2625	5950	16300	1503.74	5350	3475
t22	50500	2625	5950	16450	1523.4	5400	3525
t21	51250	2625	6100	16400	1503.74	5300	3475
t20	51900	2625	6200	16100	1503.74	5350	3450
t19	52100	2625	6450	16050	1503.74	5300	3450
t18	52200	2700	6750	16250	1434.95	5400	3525
t17	51600	2625	6450	16450	1434.95	5400	3500
t16	51600	2825	6100	16300	1503.74	5350	3500
t15	51600	3150	6450	16400	1503.74	5250	3425
t14	51600	3250	6400	16400	1503.74	5400	3450
t13	51600	3250	6450	16700	1503.74	5400	3450
t12	51500	3225	6450	16850	1503.74	5500	3475
t11	51350	3375	6500	16600	1474.26	5600	3550
t10	51450	3550	6350	16550	1523.4	5500	3550
t9	51200	3475	6100	16750	1523.4	5600	3550
t8	51250	3400	6200	17300	1523.4	5400	3525
t7	50650	3425	6400	17050	1582.38	5450	3575
t6	50650	3500	6500	16850	1523.4	5100	3625
t5	51400	3275	6450	16650	1562.71	5200	3625
t4	51000	3125	6300	16850	1503.74	5250	3625
t3	50850	3050	6400	16800	1503.74	5100	3625
t2	52200	3000	6350	16850	1503.74	5050	3450
t1	56350	3025	6300	16800	1503.74	4650	3375
t0	58400	3075	6100	16550	1493.92	4700	3375
t-1	58150	3125	6150	16900	1533.23	4975	3400
t-2	56650	3125	6050	16750	1513.57	4875	3450
t-3	57900	3125	6000	16800	1513.57	4925	3400
t-4	57500	3125	5900	16750	1425.12	4875	3425
t-5	57800	3200	5950	16500	1425.12	4625	3425
t-6	58350	3200	5900	16550	1425.12	4550	3300
t-7	58350	3200	6000	16800	1415.29	4550	3250
t-8	59500	3325	5950	16900	1415.29	4425	3325
t-9	59100	3250	5950	17450	1395.64	4475	3300
t-10	59400	3100	5800	17550	1336.67	4475	3275
t-11	59500	3250	5850	17200	1454.6	4475	3250
t-12	59000	3250	5900	16800	1454.6	4450	3300
t-13	59550	3225	5850	16900	1415.29	4500	3375
t-14	59200	3200	5800	17150	1395.64	4325	3375
t-15	60100	2975	5700	17250	1395.64	4375	3425
t-16	61500	3050	5800	17050	1405.46	4400	3425
t-17	61400	2850	6000	16950	1434.95	4100	3450
t-18	61500	2975	5750	17050	1434.95	4100	3450
t-19	63000	2975	5600	17000	1434.95	4025	3575
t-20	62650	3250	5500	17200	1434.95	4075	3375
t-21	61500	3100	5600	16650	1434.95	4175	3425
t-22	59000	3250	5600	16450	1434.95	3850	3350
t-23	62000	3250	5600	16350	1434.95	3825	3375
t-24	58950	3325	5600	16650	1434.95	3825	3375
t-25	59000	3250	5350	16800	1454.6	3800	3325
t-26	59000	3225	5200	17000	1454.6	3825	3500
t-27	58950	3175	5300	16700	1454.6	3800	3500
t-28	59950	3000	5350	16700	1464.43	3875	3550
t-29	58500	2950	5300	17000	1454.6	3900	3500
t-30	57900	2750	5200	17050	1425.12	3875	3425

	LPGI	MICE	MLPL	MPPA	PGAS	PTPP	RALS
t30	1680	315	255	1400	5475	470	830
t29	1700	315	255	1410	5425	470	850
t28	1690	310	255	1410	5400	485	870
t27	1650	305	255	1420	5325	485	840
t26	1670	310	260	1430	5225	510	840
t25	1690	305	265	1430	5225	490	800
t24	1580	330	265	1440	5250	480	800
t23	1620	325	255	1430	5425	510	800
t22	1630	325	265	1430	5725	495	820
t21	1650	295	265	1430	5725	540	790
t20	1650	275	265	1430	5700	570	790
t19	1650	270	260	1430	5700	610	790
t18	1690	275	260	1440	5750	610	790
t17	1650	280	260	1430	5725	620	800
t16	1700	255	260	1430	5600	640	800
t15	1650	255	250	1430	5475	640	800
t14	1720	270	250	1430	5575	650	790
t13	1700	310	245	1440	5525	650	780
t12	1710	320	250	1450	5475	630	800
t11	1720	320	250	1470	5475	640	800
t10	1740	325	245	1420	5450	650	780
t9	1720	295	245	1410	5475	630	780
t8	1720	320	240	1410	5275	630	790
t7	1690	320	245	1410	5275	640	780
t6	1740	390	245	1430	5350	640	780
t5	1740	405	240	1420	5275	630	770
t4	1740	415	245	1460	5275	650	800
t3	1720	440	250	1470	5300	650	790
t2	1590	435	265	1480	5325	650	800
t1	1580	440	245	1460	5325	660	790
t0	1590	455	240	1480	5300	660	760
t-1	1720	480	245	1760	5475	660	790
t-2	1710	485	245	1760	5525	650	770
t-3	1680	480	245	1780	5475	660	770
t-4	1700	495	245	1840	5425	670	780
t-5	1760	440	245	1830	5400	670	780
t-6	1810	425	245	1760	5400	670	800
t-7	1700	415	240	1710	5350	650	800
t-8	1600	415	240	1690	5350	650	820
t-9	1560	415	255	1690	5250	660	840
t-10	1560	425	255	1680	5400	670	830
t-11	1560	420	260	1700	5325	670	820
t-12	1550	420	265	1710	5275	660	810
t-13	1590	440	265	1700	5200	660	850
t-14	1580	445	275	1690	5275	670	780
t-15	1540	455	260	1440	5275	660	790
t-16	1550	435	295	1500	5325	660	770
t-17	1540	430	290	1500	5125	660	770
t-18	1560	425	300	1540	5150	660	750
t-19	1560	395	300	1490	5125	670	750
t-20	1570	430	310	1540	5250	660	760
t-21	1570	460	310	1640	5125	660	760
t-22	1540	510	315	1650	5125	660	770
t-23	1520	520	320	1680	5125	660	740
t-24	1540	520	310	1680	5025	660	760
t-25	1480	550	315	1740	4950	680	730
t-26	1490	550	305	1740	4995	660	720
t-27	1500	580	305	1750	5175	670	730
t-28	1500	600	305	1770	4880	670	740
t-29	1500	600	310	1780	5075	660	730
t-30	1530	610	305	1740	5175	670	720

	SCMA	SGRO	SMAR	SMGR	SMRA	SMSM
t30	6000	3600	6250	15250	1250	3495
t29	6200	3575	6250	15000	1270	3450
t28	6300	3400	6350	15325	1270	3575
t27	6200	3375	6250	15200	1180	3450
t26	6300	3325	6400	15100	1150	3450
t25	6250	3375	6350	15050	1150	3450
t24	6350	3400	6250	14850	1200	3450
t23	6400	3575	6300	14725	1230	3400
t22	6450	3700	6150	15225	1270	3400
t21	6550	3650	6300	15225	1270	3400
t20	6600	3675	6700	15000	1280	3400
t19	6550	3650	7000	15000	1320	3300
t18	6600	3700	6950	15025	1260	3350
t17	6350	3750	6950	14950	1230	3225
t16	6400	3750	6900	14975	1240	3200
t15	6400	3625	7100	14850	1180	3050
t14	6400	3675	7050	15275	1190	3225
t13	6350	3625	7050	15950	1160	3225
t12	6250	3575	7100	15950	1090	3225
t11	6050	3600	7000	15950	1100	3100
t10	6000	3600	7100	15600	1100	2975
t9	6200	3625	6950	15600	1120	3150
t8	5800	3575	6950	14800	1120	3400
t7	6150	3600	7000	14700	1120	3600
t6	6350	3500	7000	14275	1120	3750
t5	6400	3600	6800	14525	1140	3850
t4	6100	3525	6800	14675	1130	3850
t3	6000	3400	6700	14600	1140	3825
t2	5700	3350	6750	14850	1150	3900
t1	5700	3350	6850	14850	1150	3775
t0	5250	3350	6950	14975	1140	3675
t-1	5300	3450	6850	15425	1160	3575
t-2	5550	3375	6850	15700	1150	3475
t-3	5500	3400	6900	15525	1180	3450
t-4	5400	3425	7000	15700	1160	3350
t-5	5200	3400	6700	15700	1200	3200
t-6	4975	3400	6650	15775	1180	3350
t-7	4875	3425	6600	15825	1130	3375
t-8	4950	3300	6600	15825	1120	3350
t-9	5000	3300	6600	15950	1120	3300
t-10	4825	3300	6600	15925	1140	3300
t-11	4800	3375	6600	15925	1130	3275
t-12	4825	3375	6400	15325	1110	3225
t-13	4875	3375	6500	15675	1120	3000
t-14	4825	3400	6650	16800	1120	2900
t-15	4825	3450	6950	16800	1160	2900
t-16	4725	3425	7000	16850	1190	2775
t-17	4875	3425	6700	16625	1150	2800
t-18	4925	3450	7000	17000	1160	2800
t-19	4950	3450	6900	16600	1150	2950
t-20	4975	3450	7350	16500	1140	3000
t-21	4950	3450	7400	15800	1130	3075
t-22	4600	3425	7500	15800	1130	3150
t-23	4525	3425	7700	15700	1100	3150
t-24	4400	3425	7900	15700	1090	3075
t-25	4600	3375	7600	15750	1090	3200
t-26	4550	3400	7850	15750	1090	3200
t-27	4650	3375	7950	15400	1120	3150
t-28	4675	3475	7200	15300	1120	3100
t-29	4475	3450	6950	16000	1120	3200
t-30	4475	3475	6800	16075	1120	3200

	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
t30	1777.58	295	890	21200	16400	690
t29	1682.01	295	900	21700	15800	680
t28	1796.69	290	900	22100	15000	690
t27	1643.78	285	910	22700	16000	680
t26	1662.9	285	910	22150	16250	690
t25	1643.78	275	910	22450	17000	690
t24	1662.9	280	910	21800	16100	680
t23	1662.9	275	900	22250	16000	660
t22	1662.9	275	920	23400	15900	660
t21	1701.12	270	910	23450	15600	660
t20	1701.12	280	950	24900	15750	660
t19	1605.56	275	960	23500	15250	650
t18	1548.21	285	960	23450	15000	670
t17	1506.16	280	960	23500	14950	660
t16	1529.1	290	960	21850	15050	660
t15	1506.16	295	960	21200	15000	650
t14	1567.33	290	960	23000	14950	660
t13	1586.44	285	970	23100	14900	660
t12	1548.21	285	960	23700	14950	660
t11	1513.81	280	970	24250	15000	670
t10	1506.16	285	960	24050	14850	670
t9	1506.16	290	960	23900	14750	650
t8	1467.94	290	960	25250	14800	650
t7	1483.23	290	960	25500	15100	670
t6	1498.52	290	970	26750	15000	670
t5	1467.94	295	980	26650	14750	670
t4	1586.44	295	980	26950	14850	680
t3	1460.29	305	990	26950	14800	680
t2	1414.42	280	990	26950	14950	670
t1	1391.48	285	990	26600	14900	690
t0	1399.13	280	1000	26650	14900	680
t-1	1353.25	315	1010	27150	15150	700
t-2	1383.84	325	1000	27500	15200	680
t-3	1368.55	320	1000	26900	15000	680
t-4	1322.67	310	1010	27500	15000	690
t-5	1353.25	305	1000	28450	14850	680
t-6	1445	305	1000	29300	14750	690
t-7	1529.1	310	1010	29750	14800	690
t-8	1548.21	300	1010	29500	14800	680
t-9	1521.46	300	1010	29500	14850	690
t-10	1586.44	300	1020	29600	14800	660
t-11	1513.81	300	1030	29750	14600	680
t-12	1567.33	300	1040	30100	14700	690
t-13	1662.9	300	1040	30450	14700	700
t-14	1815.81	300	1020	30900	14800	690
t-15	1834.92	285	1020	30950	14950	690
t-16	1815.81	285	1020	31150	14900	690
t-17	1873.15	270	1010	31250	14950	700
t-18	1815.81	275	1010	31400	14800	700
t-19	1854.04	275	1000	30600	14700	700
t-20	1873.15	275	1000	30100	14850	700
t-21	1911.38	270	980	30600	14850	700
t-22	1930.49	265	970	30900	14850	700
t-23	1949.6	265	960	30700	14800	690
t-24	1911.38	260	950	31000	14800	680
t-25	1834.92	260	960	31400	14850	670
t-26	1854.04	260	940	31350	15000	680
t-27	1930.49	260	940	31350	14950	680
t-28	1949.6	265	950	31100	14900	680
t-29	1949.6	250	950	32750	14800	680
t-30	1930.49	250	940	32750	14900	690

Lampiran: 3

IHSG Perusahaan Dividen Meningkat

	AALI	AKRA	ANTM	ASGR	ASII	ASRI
t30	3908.96	3451.08	4131.17	4429.46	3991.54	4699.73
t29	3924.13	3425.68	4090.71	4515.37	3955.58	4652.4
t28	3953.52	3443.11	4085.58	4629.99	3887.57	4597.78
t27	3927.1	3293.24	4105.5	4806.66	3934.87	4718.1
t26	3888.57	3269.45	4099.81	4840.45	3881.4	4640.78
t25	3830.27	3348.71	4093.11	4774.5	3857.59	4624.34
t24	3813.43	3549.03	4130.46	4760.74	3889.52	4610.38
t23	3848.56	3537.18	4142.34	4607.66	3901.79	4608.49
t22	3823.65	3513.17	4099.12	4697.88	3943.9	4580.47
t21	3821.83	3473.94	4084.21	4609.95	3880.82	4658.87
t20	3794.94	3316.14	4004.78	4777.37	3860.16	4674.12
t19	3729.12	3426.35	4000.84	4865.32	3818.11	4718.1
t18	3721.38	3369.14	3992.11	5001.22	3791.62	4767.16
t17	3740.47	3697.49	4009.79	5021.61	3860.46	4678.98
t16	3794.25	3752.11	4081.2	4971.35	3852.58	4724.41
t15	3773.27	3755.05	4096.2	5068.63	3866.21	4720.44
t14	3748.76	3835.18	4081.64	5129.65	3825.33	4679
t13	3787.65	3774.33	4080.67	5200.69	3840.6	4644.04
t12	3806.19	3799.04	4047.47	5176.23	3841.33	4635.73
t11	3825.82	3874.78	4019.67	5085.14	3717.88	4633.11
t10	3842.95	3896.12	3984.12	5155.09	3654.58	4478.64
t9	3834.2	3998.5	4019.13	5121.4	3799.77	4403.8
t8	3844.02	4005.39	4009.68	5208	3832.82	4433.63
t7	3837.76	4001.43	3985.04	5188.76	3917.92	4602.81
t6	3836.97	3889.97	4055.2	5214.98	3919.06	4581.93
t5	3826.14	3866.17	4069.84	5145.68	3918.69	4577.15
t4	3832.43	3841.73	4075.92	5078.68	3902.51	4728.7
t3	3814.82	3841.73	4049.89	5089.88	3984.87	4777.45
t2	3780.16	3844.38	3991.54	5081.94	3981.58	4818.9
t1	3785.94	3847.02	3955.58	5054.63	4021.1	4675.75
t0	3778.45	3880.46	3887.57	5105.94	3940.11	4587.73
t-1	3872.95	3839.62	3934.87	5089.33	3980.5	4418.87
t-2	3859.81	3842.75	3881.4	5042.79	4045.64	4429.46
t-3	3840.21	4020.99	3857.59	4991.87	4053.07	4515.37
t-4	3799.23	3953.28	3889.52	4925.48	4114.14	4629.99
t-5	3832.02	3960.02	3901.79	4994.05	4133.63	4806.66
t-6	3808.71	3890.53	3943.9	5060.92	4129.06	4840.45
t-7	3838.14	3869.36	3880.82	5034.07	4181.07	4774.5
t-8	3800.52	3863.58	3860.16	4999.75	4158.86	4760.74
t-9	3785.45	3735.12	3818.11	4978.51	4216.68	4607.66
t-10	3798.55	3850.27	3791.62	4994.52	4224	4697.88
t-11	3816.27	3921.64	3860.46	5011.61	4219.29	4609.95
t-12	3814.93	4122.09	3852.58	4975.33	4195.98	4777.37
t-13	3813.87	4136.51	3866.21	4996.92	4180.73	4865.32
t-14	3849.3	4177.85	3825.33	4998.46	4163.98	5001.22
t-15	3819.62	4193.44	3840.6	5012.64	4180.31	5021.61
t-16	3808.93	4130.8	3841.33	4998.65	4163.64	4971.35
t-17	3804.93	4145.83	3717.88	4894.59	4170.35	5068.63
t-18	3774.87	4174.11	3654.58	4937.21	4155.49	5129.65
t-19	3788.54	4132.78	3799.77	4924.26	4181.37	5200.69
t-20	3801.08	4087.09	3832.82	4877.48	4163.72	5176.23
t-21	3794.76	4106.82	3917.92	4899.59	4166.24	5085.14
t-22	3732.65	4068.07	3919.06	4897.52	4157.37	5155.09
t-23	3727.07	4050.63	3918.69	4926.07	4146.58	5121.4
t-24	3730.51	4023.42	3902.51	4922.61	4159.28	5208
t-25	3707.98	4032.97	3984.87	4981.47	4139.54	5188.76
t-26	3734.41	4023.2	3981.58	4957.25	4130.01	5214.98
t-27	3719.23	3997.64	4021.1	4937.58	4149.8	5145.68
t-28	3745.84	3980.84	3940.11	4940.99	4154.07	5078.68
t-29	3741.81	3938.01	3980.5	4928.1	4166.37	5089.88
t-30	3730.58	3995.59	4045.64	4842.52	4134.04	5081.94

	AUTO	BCAP	BWPT	CLPI	CPIN	CTRP	EKAD	FORU
t30	3939.47	4280.25	4281.86	4460.41	4218.45	4142.85	4177.85	4251.51
t29	3908.96	4268.23	4275.09	4562.86	4174.98	4145.88	4193.44	4256.84
t28	3924.13	4311.31	4250.21	4583.83	4313.52	4145.4	4130.8	4236.29
t27	3953.52	4271.46	4254.82	4670.73	4568.65	4162.66	4145.83	4262.56
t26	3927.1	4251.51	4275.86	4463.25	4685.13	4160.51	4174.11	4225.02
t25	3888.57	4256.84	4301.44	4517.62	4699.73	4141.99	4132.78	4180.16
t24	3830.27	4236.29	4315.86	4522.24	4652.4	4121.56	4087.09	4226.89
t23	3813.43	4262.56	4308.86	4375.54	4597.78	4102.53	4106.82	4200.91
t22	3848.56	4225.02	4320.19	4356.6	4718.1	4141.56	4068.07	4244.62
t21	3823.65	4180.16	4337.53	4349.42	4640.78	4131.17	4050.63	4217.52
t20	3821.83	4226.89	4317.92	4358.14	4624.34	4090.71	4023.42	4244.71
t19	3794.94	4200.91	4302.61	4191.26	4610.38	4085.58	4032.97	4223.89
t18	3729.12	4244.62	4290.8	4072.35	4608.49	4105.5	4023.2	4255.28
t17	3721.38	4217.52	4292.6	4050.86	4580.47	4099.81	3997.64	4257
t16	3740.47	4244.71	4286.84	4073.46	4658.87	4093.11	3980.84	4170.64
t15	3794.25	4223.89	4269.65	4164.01	4674.12	4130.46	3938.01	4174.1
t14	3773.27	4255.28	4302.44	4101.23	4718.1	4142.34	3995.59	4155.36
t13	3748.76	4257	4276.14	4195.09	4767.16	4099.12	4003.69	4160.66
t12	3787.65	4170.64	4319.09	4103.59	4678.98	4084.21	3939.47	4143.68
t11	3806.19	4174.1	4304.82	4026.48	4724.41	4004.78	3908.96	4102.86
t10	3825.82	4155.36	4337.51	3967.84	4720.44	4000.84	3924.13	4075.35
t9	3842.95	4160.66	4375.17	4120.67	4679	3992.11	3953.52	4105.25
t8	3834.2	4143.68	4348.81	4169.83	4644.04	4009.79	3927.1	4117.95
t7	3844.02	4102.86	4335.93	4171.41	4635.73	4081.2	3888.57	4060.33
t6	3837.76	4075.35	4317.28	4218.45	4633.11	4096.2	3830.27	4025.58
t5	3836.97	4105.25	4312.37	4174.98	4478.64	4081.64	3813.43	4093.17
t4	3826.14	4117.95	4313.44	4313.52	4403.8	4080.67	3848.56	4142.85
t3	3832.43	4060.33	4351.28	4568.65	4433.63	4047.47	3823.65	4145.88
t2	3814.82	4025.58	4332.08	4685.13	4602.81	4019.67	3821.83	4145.4
t1	3780.16	4093.17	4318.59	4699.73	4581.93	3984.12	3794.94	4162.66
t0	3785.94	4142.85	4333.64	4652.4	4577.15	4019.13	3729.12	4160.51
t-1	3778.45	4145.88	4327.87	4597.78	4728.7	4009.68	3721.38	4141.99
t-2	3872.95	4145.4	4350.42	4718.1	4777.45	3985.04	3740.47	4121.56
t-3	3859.81	4162.66	4314.27	4640.78	4818.9	4055.2	3794.25	4102.53
t-4	3840.21	4160.51	4302.94	4624.34	4675.75	4069.84	3773.27	4141.56
t-5	3799.23	4141.99	4338.89	4610.38	4587.73	4075.92	3748.76	4131.17
t-6	3832.02	4121.56	4335.36	4608.49	4418.87	4049.89	3787.65	4090.71
t-7	3808.71	4102.53	4350.29	4580.47	4429.46	3991.54	3806.19	4085.58
t-8	3838.14	4141.56	4364.6	4658.87	4515.37	3955.58	3825.82	4105.5
t-9	3800.52	4131.17	4331.37	4674.12	4629.99	3887.57	3842.95	4099.81
t-10	3785.45	4090.71	4339.15	4718.1	4806.66	3934.87	3834.2	4093.11
t-11	3798.55	4085.58	4335.38	4767.16	4840.45	3881.4	3844.02	4130.46
t-12	3816.27	4105.5	4330.15	4678.98	4774.5	3857.59	3837.76	4142.34
t-13	3814.93	4099.81	4341.38	4724.41	4760.74	3889.52	3836.97	4099.12
t-14	3813.87	4093.11	4331.25	4720.44	4607.66	3901.79	3826.14	4084.21
t-15	3849.3	4130.46	4356.97	4679	4697.88	3943.9	3832.43	4004.78
t-16	3819.62	4142.34	4337.53	4644.04	4609.95	3880.82	3814.82	4000.84
t-17	3808.93	4099.12	4329.08	4635.73	4777.37	3860.16	3780.16	3992.11
t-18	3804.93	4084.21	4313.52	4633.11	4865.32	3818.11	3785.94	4009.79
t-19	3774.87	4004.78	4311.39	4478.64	5001.22	3791.62	3778.45	4081.2
t-20	3788.54	4000.84	4284.97	4403.8	5021.61	3860.46	3872.95	4096.2
t-21	3801.08	3992.11	4280.01	4433.63	4971.35	3852.58	3859.81	4081.64
t-22	3794.76	4009.79	4280.25	4602.81	5068.63	3866.21	3840.21	4080.67
t-23	3732.65	4081.2	4268.23	4581.93	5129.65	3825.33	3799.23	4047.47
t-24	3727.07	4096.2	4311.31	4577.15	5200.69	3840.6	3832.02	4019.67
t-25	3730.51	4081.64	4271.46	4728.7	5176.23	3841.33	3808.71	3984.12
t-26	3707.98	4080.67	4251.51	4777.45	5085.14	3717.88	3838.14	4019.13
t-27	3734.41	4047.47	4256.84	4818.9	5155.09	3654.58	3800.52	4009.68
t-28	3719.23	4019.67	4236.29	4675.75	5121.4	3799.77	3785.45	3985.04
t-29	3745.84	3984.12	4262.56	4587.73	5208	3832.82	3798.55	4055.2
t-30	3741.81	4019.13	4225.02	4418.87	5188.76	3917.92	3816.27	4069.84

	GGRM	GJTL	INDF	INTP	JKON	JPFA	KLBF
t30	4257	4120.67	3799.04	4177.85	4099.12	3890.53	3863.58
t29	4170.64	4169.83	3874.78	4193.44	4084.21	3869.36	3735.12
t28	4174.1	4171.41	3896.12	4130.8	4004.78	3863.58	3850.27
t27	4155.36	4218.45	3998.5	4145.83	4000.84	3735.12	3921.64
t26	4160.66	4174.98	4005.39	4174.11	3992.11	3850.27	4122.09
t25	4143.68	4313.52	4001.43	4132.78	4009.79	3921.64	4136.51
t24	4102.86	4568.65	3889.97	4087.09	4081.2	4122.09	4177.85
t23	4075.35	4685.13	3866.17	4106.82	4096.2	4136.51	4193.44
t22	4105.25	4699.73	3841.73	4068.07	4081.64	4177.85	4130.8
t21	4117.95	4652.4	3841.73	4050.63	4080.67	4193.44	4145.83
t20	4060.33	4597.78	3844.38	4023.42	4047.47	4130.8	4174.11
t19	4025.58	4718.1	3847.02	4032.97	4019.67	4145.83	4132.78
t18	4093.17	4640.78	3880.46	4023.2	3984.12	4174.11	4087.09
t17	4142.85	4624.34	3839.62	3997.64	4019.13	4132.78	4106.82
t16	4145.88	4610.38	3842.75	3980.84	4009.68	4087.09	4068.07
t15	4145.4	4608.49	4020.99	3938.01	3985.04	4106.82	4050.63
t14	4162.66	4580.47	3953.28	3995.59	4055.2	4068.07	4023.42
t13	4160.51	4658.87	3960.02	4003.69	4069.84	4050.63	4032.97
t12	4141.99	4674.12	3890.53	3939.47	4075.92	4023.42	4023.2
t11	4121.56	4718.1	3869.36	3908.96	4049.89	4032.97	3997.64
t10	4102.53	4767.16	3863.58	3924.13	3991.54	4023.2	3980.84
t9	4141.56	4678.98	3735.12	3953.52	3955.58	3997.64	3938.01
t8	4131.17	4724.41	3850.27	3927.1	3887.57	3980.84	3995.59
t7	4090.71	4720.44	3921.64	3888.57	3934.87	3938.01	4003.69
t6	4085.58	4679	4122.09	3830.27	3881.4	3995.59	3939.47
t5	4105.5	4644.04	4136.51	3813.43	3857.59	4003.69	3908.96
t4	4099.81	4635.73	4177.85	3848.56	3889.52	3939.47	3924.13
t3	4093.11	4633.11	4193.44	3823.65	3901.79	3908.96	3953.52
t2	4130.46	4478.64	4130.8	3821.83	3943.9	3924.13	3927.1
t1	4142.34	4403.8	4145.83	3794.94	3880.82	3953.52	3888.57
t0	4099.12	4433.63	4174.11	3729.12	3860.16	3927.1	3830.27
t-1	4084.21	4602.81	4132.78	3721.38	3818.11	3888.57	3813.43
t-2	4004.78	4581.93	4087.09	3740.47	3791.62	3830.27	3848.56
t-3	4000.84	4577.15	4106.82	3794.25	3860.46	3813.43	3823.65
t-4	3992.11	4728.7	4068.07	3773.27	3852.58	3848.56	3821.83
t-5	4009.79	4777.45	4050.63	3748.76	3866.21	3823.65	3794.94
t-6	4081.2	4818.9	4023.42	3787.65	3825.33	3821.83	3729.12
t-7	4096.2	4675.75	4032.97	3806.19	3840.6	3794.94	3721.38
t-8	4081.64	4587.73	4023.2	3825.82	3841.33	3729.12	3740.47
t-9	4080.67	4418.87	3997.64	3842.95	3717.88	3721.38	3794.25
t-10	4047.47	4429.46	3980.84	3834.2	3654.58	3740.47	3773.27
t-11	4019.67	4515.37	3938.01	3844.02	3799.77	3794.25	3748.76
t-12	3984.12	4629.99	3995.59	3837.76	3832.82	3773.27	3787.65
t-13	4019.13	4806.66	4003.69	3836.97	3917.92	3748.76	3806.19
t-14	4009.68	4840.45	3939.47	3826.14	3919.06	3787.65	3825.82
t-15	3985.04	4774.5	3908.96	3832.43	3918.69	3806.19	3842.95
t-16	4055.2	4760.74	3924.13	3814.82	3902.51	3825.82	3834.2
t-17	4069.84	4607.66	3953.52	3780.16	3984.87	3842.95	3844.02
t-18	4075.92	4697.88	3927.1	3785.94	3981.58	3834.2	3837.76
t-19	4049.89	4609.95	3888.57	3778.45	4021.1	3844.02	3836.97
t-20	3991.54	4777.37	3830.27	3872.95	3940.11	3837.76	3826.14
t-21	3955.58	4865.32	3813.43	3859.81	3980.5	3836.97	3832.43
t-22	3887.57	5001.22	3848.56	3840.21	4045.64	3826.14	3814.82
t-23	3934.87	5021.61	3823.65	3799.23	4053.07	3832.43	3780.16
t-24	3881.4	4971.35	3821.83	3832.02	4114.14	3814.82	3785.94
t-25	3857.59	5068.63	3794.94	3808.71	4133.63	3780.16	3778.45
t-26	3889.52	5129.65	3729.12	3838.14	4129.06	3785.94	3872.95
t-27	3901.79	5200.69	3721.38	3800.52	4181.07	3778.45	3859.81
t-28	3943.9	5176.23	3740.47	3785.45	4158.86	3872.95	3840.21
t-29	3880.82	5085.14	3794.25	3798.55	4216.68	3859.81	3799.23
t-30	3860.16	5155.09	3773.27	3816.27	4224	3840.21	3832.02

	LPGI	MICE	MLPL	MPPA	PGAS	PTPP
t30	3830.27	3710.48	3732.65	3732.65	4885.46	3839.62
t29	3813.43	3706.78	3727.07	3727.07	4926.66	3842.75
t28	3848.56	3620.66	3730.51	3730.51	4934.41	4020.99
t27	3823.65	3622.78	3707.98	3707.98	4971.95	3953.28
t26	3821.83	3685.31	3734.41	3734.41	4946.09	3960.02
t25	3794.94	3622.03	3719.23	3719.23	4885.08	3890.53
t24	3729.12	3729.01	3745.84	3745.84	4937.18	3869.36
t23	3721.38	3664.68	3741.81	3741.81	4935.56	3863.58
t22	3740.47	3675.38	3730.58	3730.58	4932.56	3735.12
t21	3794.25	3635.93	3727.8	3727.8	4942.16	3850.27
t20	3773.27	3531.75	3685.94	3685.94	4912.09	3921.64
t19	3748.76	3451.08	3700.05	3700.05	4893.91	4122.09
t18	3787.65	3425.68	3707.49	3707.49	4985.58	4136.51
t17	3806.19	3443.11	3678.67	3678.67	4963.92	4177.85
t16	3825.82	3293.24	3640.98	3640.98	4973.06	4193.44
t15	3842.95	3269.45	3591.51	3591.51	4969.88	4130.8
t14	3834.2	3348.71	3602.86	3602.86	4910.29	4145.83
t13	3844.02	3549.03	3607.11	3607.11	4895.96	4174.11
t12	3837.76	3537.18	3611.64	3611.64	5015	4132.78
t11	3836.97	3513.17	3556.23	3556.23	5031.57	4087.09
t10	3826.14	3473.94	3517.72	3517.72	4991.64	4106.82
t9	3832.43	3316.14	3518.85	3518.85	4921.39	4068.07
t8	3814.82	3426.35	3494.07	3494.07	4913	4050.63
t7	3780.16	3369.14	3484.21	3484.21	4898.14	4023.42
t6	3785.94	3697.49	3531.48	3531.48	4860.89	4032.97
t5	3778.45	3752.11	3524.48	3524.48	4862.07	4023.2
t4	3872.95	3755.05	3569.84	3569.84	4834.47	3997.64
t3	3859.81	3835.18	3542.23	3542.23	4842.5	3980.84
t2	3840.21	3774.33	3587.65	3587.65	4838.76	3938.01
t1	3799.23	3799.04	3598.68	3598.68	4840.15	3995.59
t0	3832.02	3874.78	3580.31	3580.31	4819.68	4003.69
t-1	3808.71	3896.12	3561.72	3561.72	4818.76	3939.47
t-2	3838.14	3998.5	3542.9	3542.9	4897.64	3908.96
t-3	3800.52	4005.39	3494.54	3494.54	4891.08	3924.13
t-4	3785.45	4001.43	3486.2	3486.2	4893.15	3953.52
t-5	3798.55	3889.97	3512.62	3512.62	4898.21	3927.1
t-6	3816.27	3866.17	3470.35	3470.35	4892.29	3888.57
t-7	3814.93	3841.73	3443.53	3443.53	4897.05	3830.27
t-8	3813.87	3841.73	3439.13	3439.13	4873.01	3813.43
t-9	3849.3	3844.38	3474.12	3474.12	4870.21	3848.56
t-10	3819.62	3847.02	3451.1	3451.1	4864.88	3823.65
t-11	3808.93	3880.46	3497.64	3497.64	4816.58	3821.83
t-12	3804.93	3839.62	3501.5	3501.5	4765.73	3794.94
t-13	3774.87	3842.75	3434.38	3434.38	4921.4	3729.12
t-14	3788.54	4020.99	3416.78	3416.78	4921.4	3721.38
t-15	3801.08	3953.28	3416.77	3416.77	4921.04	3740.47
t-16	3794.76	3960.02	3391.77	3391.77	4857.94	3794.25
t-17	3732.65	3890.53	3373.64	3373.64	4891.32	3773.27
t-18	3727.07	3869.36	3417.47	3417.47	4870.21	3748.76
t-19	3730.51	3863.58	3459.93	3459.93	4873.93	3787.65
t-20	3707.98	3735.12	3487.71	3487.71	4768.28	3806.19
t-21	3734.41	3850.27	3496.17	3496.17	4723.06	3825.82
t-22	3719.23	3921.64	3480.83	3480.83	4728.24	3842.95
t-23	3745.84	4122.09	3442.5	3442.5	4703.09	3834.2
t-24	3741.81	4136.51	3409.17	3409.17	4720.42	3844.02
t-25	3730.58	4177.85	3487.61	3487.61	4700.21	3837.76
t-26	3727.8	4193.44	3514.62	3514.62	4698.97	3836.97
t-27	3685.94	4130.8	3501.72	3501.72	4821.46	3826.14
t-28	3700.05	4145.83	3433.91	3433.91	4805.61	3832.43
t-29	3707.49	4174.11	3346.06	3346.06	4876.19	3814.82
t-30	3678.67	4132.78	3379.54	3379.54	4878.64	3780.16

	RALS	SCMA	SGRO	SMAR	SMGR	SMRA	SMSM
t30	4177.85	3863.58	3890.53	3839.62	4885.46	3869.36	4254.97
t29	4193.44	3735.12	3869.36	3842.75	4926.66	3863.58	4201.22
t28	4130.8	3850.27	3863.58	4020.99	4934.41	3735.12	4200.59
t27	4145.83	3921.64	3735.12	3953.28	4971.95	3850.27	4175.81
t26	4174.11	4122.09	3850.27	3960.02	4946.09	3921.64	4202.81
t25	4132.78	4136.51	3921.64	3890.53	4885.08	4122.09	4257.66
t24	4087.09	4177.85	4122.09	3869.36	4937.18	4136.51	4327.27
t23	4106.82	4193.44	4136.51	3863.58	4935.56	4177.85	4274.18
t22	4068.07	4130.8	4177.85	3735.12	4932.56	4193.44	4212.98
t21	4050.63	4145.83	4193.44	3850.27	4942.16	4130.8	4202.83
t20	4023.42	4174.11	4130.8	3921.64	4912.09	4145.83	4189.61
t19	4032.97	4132.78	4145.83	4122.09	4893.91	4174.11	4195.56
t18	4023.2	4087.09	4174.11	4136.51	4985.58	4132.78	4231.98
t17	3997.64	4106.82	4132.78	4177.85	4963.92	4087.09	4196.28
t16	3980.84	4068.07	4087.09	4193.44	4973.06	4106.82	4182.35
t15	3938.01	4050.63	4106.82	4130.8	4969.88	4068.07	4125.96
t14	3995.59	4023.42	4068.07	4145.83	4910.29	4050.63	4174.83
t13	4003.69	4032.97	4050.63	4174.11	4895.96	4023.42	4212.22
t12	3939.47	4023.2	4023.42	4132.78	5015	4032.97	4271.74
t11	3908.96	3997.64	4032.97	4087.09	5031.57	4023.2	4275.68
t10	3924.13	3980.84	4023.2	4106.82	4991.64	3997.64	4214.34
t9	3953.52	3938.01	3997.64	4068.07	4921.39	3980.84	4180.79
t8	3927.1	3995.59	3980.84	4050.63	4913	3938.01	4216.89
t7	3888.57	4003.69	3938.01	4023.42	4898.14	3995.59	4241.3
t6	3830.27	3939.47	3995.59	4032.97	4860.89	4003.69	4288.76
t5	3813.43	3908.96	4003.69	4023.2	4862.07	3939.47	4321.98
t4	3848.56	3924.13	3939.47	3997.64	4834.47	3908.96	4256.44
t3	3823.65	3953.52	3908.96	3980.84	4842.5	3924.13	4233.92
t2	3821.83	3927.1	3924.13	3938.01	4838.76	3953.52	4251.49
t1	3794.94	3888.57	3953.52	3995.59	4840.15	3927.1	4235.26
t0	3729.12	3830.27	3927.1	4003.69	4819.68	3888.57	4334.8
t-1	3721.38	3813.43	3888.57	3939.47	4818.76	3830.27	4317.96
t-2	3740.47	3848.56	3830.27	3908.96	4897.64	3813.43	4326.21
t-3	3794.25	3823.65	3813.43	3924.13	4891.08	3848.56	4350.79
t-4	3773.27	3821.83	3848.56	3953.52	4893.15	3823.65	4398.34
t-5	3748.76	3794.94	3823.65	3927.1	4898.21	3821.83	4393.59
t-6	3787.65	3729.12	3821.83	3888.57	4892.29	3794.94	4335.45
t-7	3806.19	3721.38	3794.94	3830.27	4897.05	3729.12	4367.37
t-8	3825.82	3740.47	3729.12	3813.43	4873.01	3721.38	4301.89
t-9	3842.95	3794.25	3721.38	3848.56	4870.21	3740.47	4380.64
t-10	3834.2	3773.27	3740.47	3823.65	4864.88	3794.25	4441.72
t-11	3844.02	3748.76	3794.25	3821.83	4816.58	3773.27	4476.72
t-12	3837.76	3787.65	3773.27	3794.94	4765.73	3748.76	4486.11
t-13	3836.97	3806.19	3748.76	3729.12	4921.4	3787.65	4449.76
t-14	3826.14	3825.82	3787.65	3721.38	4921.4	3806.19	4423.29
t-15	3832.43	3842.95	3806.19	3740.47	4921.04	3825.82	4432.59
t-16	3814.82	3834.2	3825.82	3794.25	4857.94	3842.95	4510.63
t-17	3780.16	3844.02	3842.95	3773.27	4891.32	3834.2	4574.88
t-18	3785.94	3837.76	3834.2	3748.76	4870.21	3844.02	4562.77
t-19	3778.45	3836.97	3844.02	3787.65	4873.93	3837.76	4590.54
t-20	3872.95	3826.14	3837.76	3806.19	4768.28	3836.97	4580.85
t-21	3859.81	3832.43	3836.97	3825.82	4723.06	3826.14	4594.85
t-22	3840.21	3814.82	3826.14	3842.95	4728.24	3832.43	4546.5
t-23	3799.23	3780.16	3832.43	3834.2	4703.09	3814.82	4512.74
t-24	3832.02	3785.94	3814.82	3844.02	4720.42	3780.16	4578.18
t-25	3808.71	3778.45	3780.16	3837.76	4700.21	3785.94	4546.57
t-26	3838.14	3872.95	3785.94	3836.97	4698.97	3778.45	4518.93
t-27	3800.52	3859.81	3778.45	3826.14	4821.46	3872.95	4492.26
t-28	3785.45	3840.21	3872.95	3832.43	4805.61	3859.81	4519.91
t-29	3798.55	3799.23	3859.81	3814.82	4876.19	3840.21	4486.68
t-30	3816.27	3832.02	3840.21	3780.16	4878.64	3799.23	4457.44

	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
t30	3735.53	3908.96	4418.87	3934.87	3863.58	4050.63
t29	3679.83	3924.13	4429.46	3881.4	3735.12	4023.42
t28	3754.5	3953.52	4515.37	3857.59	3850.27	4032.97
t27	3792.25	3927.1	4629.99	3889.52	3921.64	4023.2
t26	3814.09	3888.57	4806.66	3901.79	4122.09	3997.64
t25	3813.84	3830.27	4840.45	3943.9	4136.51	3980.84
t24	3833.04	3813.43	4774.5	3880.82	4177.85	3938.01
t23	3778.89	3848.56	4760.74	3860.16	4193.44	3995.59
t22	3783.88	3823.65	4607.66	3818.11	4130.8	4003.69
t21	3857.36	3821.83	4697.88	3791.62	4145.83	3939.47
t20	3805.65	3794.94	4609.95	3860.46	4174.11	3908.96
t19	3778.24	3729.12	4777.37	3852.58	4132.78	3924.13
t18	3783.63	3721.38	4865.32	3866.21	4087.09	3953.52
t17	3705.81	3740.47	5001.22	3825.33	4106.82	3927.1
t16	3763.03	3794.25	5021.61	3840.6	4068.07	3888.57
t15	3685.01	3773.27	4971.35	3841.33	4050.63	3830.27
t14	3790.85	3748.76	5068.63	3717.88	4023.42	3813.43
t13	3829.96	3787.65	5129.65	3654.58	4032.97	3848.56
t12	3813	3806.19	5200.69	3799.77	4023.2	3823.65
t11	3738.61	3825.82	5176.23	3832.82	3997.64	3821.83
t10	3710.48	3842.95	5085.14	3917.92	3980.84	3794.94
t9	3706.78	3834.2	5155.09	3919.06	3938.01	3729.12
t8	3620.66	3844.02	5121.4	3918.69	3995.59	3721.38
t7	3622.78	3837.76	5208	3902.51	4003.69	3740.47
t6	3685.31	3836.97	5188.76	3984.87	3939.47	3794.25
t5	3622.03	3826.14	5214.98	3981.58	3908.96	3773.27
t4	3729.01	3832.43	5145.68	4021.1	3924.13	3748.76
t3	3664.68	3814.82	5078.68	3940.11	3953.52	3787.65
t2	3675.38	3780.16	5089.88	3980.5	3927.1	3806.19
t1	3635.93	3785.94	5081.94	4045.64	3888.57	3825.82
t0	3531.75	3778.45	5054.63	4053.07	3830.27	3842.95
t-1	3451.08	3872.95	5105.94	4114.14	3813.43	3834.2
t-2	3425.68	3859.81	5089.33	4133.63	3848.56	3844.02
t-3	3443.11	3840.21	5042.79	4129.06	3823.65	3837.76
t-4	3293.24	3799.23	4991.87	4181.07	3821.83	3836.97
t-5	3269.45	3832.02	4925.48	4158.86	3794.94	3826.14
t-6	3348.71	3808.71	4994.05	4216.68	3729.12	3832.43
t-7	3549.03	3838.14	5060.92	4224	3721.38	3814.82
t-8	3537.18	3800.52	5034.07	4219.29	3740.47	3780.16
t-9	3513.17	3785.45	4999.75	4195.98	3794.25	3785.94
t-10	3473.94	3798.55	4978.51	4180.73	3773.27	3778.45
t-11	3316.14	3816.27	4994.52	4163.98	3748.76	3872.95
t-12	3426.35	3814.93	5011.61	4180.31	3787.65	3859.81
t-13	3369.14	3813.87	4975.33	4163.64	3806.19	3840.21
t-14	3697.49	3849.3	4996.92	4170.35	3825.82	3799.23
t-15	3752.11	3819.62	4998.46	4155.49	3842.95	3832.02
t-16	3755.05	3808.93	5012.64	4181.37	3834.2	3808.71
t-17	3835.18	3804.93	4998.65	4163.72	3844.02	3838.14
t-18	3774.33	3774.87	4894.59	4166.24	3837.76	3800.52
t-19	3799.04	3788.54	4937.21	4157.37	3836.97	3785.45
t-20	3874.78	3801.08	4924.26	4146.58	3826.14	3798.55
t-21	3896.12	3794.76	4877.48	4159.28	3832.43	3816.27
t-22	3998.5	3732.65	4899.59	4139.54	3814.82	3814.93
t-23	4005.39	3727.07	4897.52	4130.01	3780.16	3813.87
t-24	4001.43	3730.51	4926.07	4149.8	3785.94	3849.3
t-25	3889.97	3707.98	4922.61	4154.07	3778.45	3819.62
t-26	3866.17	3734.41	4981.47	4166.37	3872.95	3808.93
t-27	3841.73	3719.23	4957.25	4134.04	3859.81	3804.93
t-28	3841.73	3745.84	4937.58	4215.44	3840.21	3774.87
t-29	3844.38	3741.81	4940.99	4166.07	3799.23	3788.54
t-30	3847.02	3730.58	4928.1	4121.55	3832.02	3801.08

Lampiran: 4

Harga Saham Periode Estimasi Perusahaan Dividen Meningkat

	AALI	AKRA	ANTM	ASGR	ASII	ASRI
t-31	22650	2225	1480	1860	74750	1090
t-32	22650	2225	1550	1890	74750	1080
t-33	22500	2175	1590	1900	74000	1100
t-34	22900	2125	1620	1880	75200	1080
t-35	22700	2125	1640	1830	75200	1080
t-36	22900	2125	1650	1870	73950	1040
t-37	22850	2125	1680	1910	72950	1030
t-38	22850	2175	1690	1830	71550	1040
t-39	22400	2125	1720	1800	72850	1050
t-40	22550	2025	1720	1810	71600	1090
t-41	22000	1980	1710	1810	72200	1050
t-42	22000	1910	1730	1820	72200	1050
t-43	22100	1810	1720	1890	71650	1030
t-44	21750	1790	1720	1860	69850	1040
t-45	21900	1790	1730	1890	70500	1050
t-46	21700	1810	1730	1860	71000	1040
t-47	22200	1800	1740	1800	73050	1040
t-48	22050	1810	1730	1700	73050	1080
t-49	22700	1800	1770	1720	70600	1060
t-50	23300	1800	1770	1720	69800	1070
t-51	23050	1790	1700	1710	70200	1040
t-52	23000	1780	1710	1710	69850	1020
t-53	22600	1810	1710	1610	69150	1030
t-54	22100	1810	1750	1620	69450	1020
t-55	22050	1820	1760	1630	69600	980
t-56	22250	1840	1790	1730	70000	990
t-57	21850	1760	1810	1670	69650	980
t-58	21450	1760	1800	1580	70850	1020
t-59	21700	1680	1820	1580	69800	1020
t-60	22200	1660	1820	1560	68700	1030
t-61	22250	1670	1830	1550	68250	1030
t-62	22050	1650	1860	1560	70850	1070
t-63	22050	1690	1860	1500	72350	1070
t-64	21750	1680	1800	1510	73800	1070
t-65	22300	1670	1820	1500	73950	1080
t-66	23000	1620	1820	1480	73900	1080
t-67	22250	1600	1800	1490	71500	1090
t-68	21700	1600	1770	1470	72950	1080
t-69	21650	1610	1800	1480	73700	1130
t-70	22200	1600	1800	1500	73350	1120
t-71	22750	1630	1820	1500	71200	1020
t-72	22750	1630	1810	1520	72950	1010
t-73	22850	1670	1810	1500	74850	1000
t-74	22450	1680	1810	1470	75650	990
t-75	21700	1660	1840	1480	77000	1000
t-76	21750	1680	1890	1520	78750	1050
t-77	22250	1710	1870	1520	78050	1030
t-78	22350	1710	1870	1520	77700	1050
t-79	22850	1670	1880	1590	78900	1030
t-80	21250	1670	1870	1620	77100	1000
t-81	22300	1600	1850	1600	79400	970
t-82	23450	1580	1900	1590	78350	960
t-83	24500	1590	1930	1620	78000	960
t-84	24900	1540	1940	1670	78650	930
t-85	25200	1530	1930	1680	78950	930
t-86	25500	1530	1960	1740	78950	920
t-87	25800	1490	1910	1700	78800	930
t-88	24950	1490	1900	1600	77800	930

	AALI	AKRA	ANTM	ASGR	ASII	ASRI
t-89	23850	1460	1940	1550	77300	900
t-90	24500	1480	1960	1560	76200	900
t-91	25000	1480	2000	1400	75450	860
t-92	25950	1500	1980	1400	75450	880
t-93	25950	1520	1920	1370	75600	830
t-94	26450	1470	1920	1370	76950	840
t-95	26800	1460	1900	1350	76000	860
t-96	26200	1480	1920	1370	77300	840
t-97	25200	1470	1940	1370	77450	820
t-98	25000	1500	1890	1320	77150	800
t-99	24850	1510	1860	1320	75000	780
t-100	24350	1510	1910	1320	73700	790
t-101	24350	1490	1930	1330	74000	780
t-102	24400	1500	1920	1330	74000	770
t-103	24850	1480	1930	1370	73250	780
t-104	23650	1490	1910	1380	74000	770
t-105	23100	1460	1890	1390	73700	800
t-106	24050	1440	1880	1400	73700	760
t-107	25250	1470	1880	1390	73600	720
t-108	26200	1450	1860	1410	73050	720
t-109	26700	1490	1890	1400	71700	720
t-110	26750	1620	1790	1430	71150	720
t-111	27100	1650	1730	1410	71150	740
t-112	26850	1610	1760	1360	69050	730
t-113	26350	1610	1750	1330	72000	750
t-114	26350	1610	1750	1380	74950	710
t-115	25400	1580	1730	1360	74950	720
t-116	25100	1570	1720	1380	73050	720
t-117	24800	1600	1700	1350	72650	710
t-118	24150	1600	1700	1360	72950	680
t-119	23950	1560	1700	1320	71650	670
t-120	24100	1570	1700	1340	71550	670
t-121	24600	1570	1690	1350	71000	680
t-122	24300	1600	1660	1340	70900	680
t-123	25050	1480	1640	1340	70900	630
t-124	25900	1450	1650	1330	70950	600
t-125	24600	1460	1660	1330	69150	610
t-126	23950	1440	1660	1330	68100	600
t-127	25000	1460	1630	1330	69400	600
t-128	25000	1450	1620	1340	68000	600
t-129	25050	1380	1620	1350	69350	570
t-130	26100	1380	1630	1340	67650	600
t-131	26800	1420	1620	1350	68700	580
t-132	26800	1450	1610	1350	69400	580
t-133	26000	1460	1620	1330	71350	580
t-134	26200	1450	1620	1370	71300	570
t-135	25950	1460	1610	1360	72000	580
t-136	25650	1470	1610	1400	69500	590
t-137	24850	1440	1600	1370	69150	590
t-138	25400	1460	1610	1350	70800	590
t-139	25050	1470	1610	1370	68500	580
t-140	24900	1460	1600	1370	67850	600
t-141	25450	1450	1620	1370	68300	620
t-142	25800	1420	1630	1380	67300	620
t-143	26000	1470	1640	1360	69000	630
t-144	25800	1550	1640	1360	66500	630
t-145	24300	1600	1660	1350	69000	630
t-146	24200	1670	1660	1350	69900	610
t-147	24200	1670	1660	1370	68950	610
t-148	23800	1670	1670	1370	68400	610
t-149	23350	1640	1680	1370	68300	600
t-150	23800	1630	1640	1360	68050	610
t-151	24150	1540	1640	1360	66100	610

	AUTO	BCAP	BWPT	CLPI	CPIN	CTRP	EKAD	FORU
t-31	14672.3	980	1238.67	750	5350	720	340	171
t-32	14672.3	980	1238.67	750	5350	710	275	170
t-33	14624.4	980	1263.61	760	4925	700	275	172
t-34	15199.8	920	1280.24	740	4850	700	270	171
t-35	13713.4	920	1313.49	720	4850	700	275	170
t-36	13233.9	930	1305.18	740	4900	700	275	174
t-37	13377.7	1000	1288.55	740	4850	700	275	173
t-38	12946.2	1050	1288.55	750	5000	710	255	172
t-39	13042.1	920	1305.18	770	4950	710	255	171
t-40	13138	990	1280.24	770	4950	710	260	172
t-41	13185.9	1140	1255.3	750	4950	740	260	171
t-42	12898.2	1140	1213.73	750	4975	720	260	168
t-43	12658.4	1140	1205.42	730	4800	750	260	161
t-44	12466.7	1090	1180.48	730	4850	740	250	157
t-45	12274.9	1100	1138.92	730	4975	750	255	163
t-46	12802.3	1150	1122.29	770	5050	760	250	167
t-47	12946.2	1080	1122.29	780	4975	750	260	167
t-48	13281.8	1080	1138.92	790	4900	760	260	167
t-49	13233.9	1080	1163.85	790	4800	790	265	163
t-50	13521.6	1170	1197.11	780	4775	800	265	162
t-51	13473.6	1000	1188.79	790	4750	800	270	168
t-52	13185.9	1170	1222.05	800	4750	790	270	160
t-53	12946.2	1170	1222.05	810	4725	750	275	160
t-54	12994.1	1170	1230.36	820	4875	770	270	168
t-55	12946.2	1170	1222.05	830	4725	780	265	166
t-56	12850.3	1170	1222.05	820	4725	780	270	164
t-57	13042.1	1170	1222.05	820	4675	770	270	169
t-58	13090	1140	1222.05	810	4700	790	260	165
t-59	13281.8	1140	1222.05	850	4675	780	260	171
t-60	13377.7	1140	1222.05	850	4700	770	265	167
t-61	12131	1140	1222.05	860	4725	750	265	171
t-62	12083.1	1140	1230.36	810	4725	760	265	171
t-63	12322.8	1020	1230.36	790	4775	770	260	170
t-64	12370.8	1180	1230.36	800	4875	760	265	170
t-65	12179	1180	1230.36	780	5000	710	260	170
t-66	12035.2	1180	1230.36	760	5000	720	275	170
t-67	12035.2	1170	1230.36	810	5100	690	265	166
t-68	12083.1	1180	1230.36	820	5050	700	260	163
t-69	12083.1	1190	1230.36	820	5050	700	260	166
t-70	11939.3	1170	1222.05	820	4825	690	270	178
t-71	12035.2	1110	1222.05	840	4750	720	250	180
t-72	12274.9	1100	1230.36	830	4725	720	250	181
t-73	12322.8	1100	1230.36	840	4700	730	250	180
t-74	12226.9	1100	1222.05	900	4700	720	255	181
t-75	12131	1150	1205.42	720	4850	720	255	179
t-76	12083.1	1120	1238.67	760	4950	700	245	176
t-77	12418.7	1180	1238.67	790	5000	690	245	176
t-78	12658.4	1180	1280.24	820	5000	700	245	173
t-79	12610.5	1180	1271.93	820	4600	700	245	175
t-80	12370.8	1210	1305.18	900	4775	700	245	177
t-81	11795.4	1210	1296.87	900	4575	710	250	174
t-82	11891.3	1290	1288.55	920	4725	720	245	170
t-83	12179	1280	1313.49	1100	4575	730	245	170
t-84	12562.6	1280	1305.18	1130	4475	740	240	173
t-85	12370.8	1290	1313.49	1150	4325	740	245	170
t-86	12274.9	1320	1280.24	1150	4350	730	245	170
t-87	12418.7	1320	1271.93	1180	4450	730	245	173
t-88	12514.6	1350	1271.93	1180	4450	730	245	172
t-89	12706.4	1380	1230.36	1230	4400	720	245	169
t-90	12418.7	1400	1263.61	1250	4550	720	245	174
t-91	12562.6	1380	1263.61	1250	4625	720	245	167

	AUTO	BCAP	BWPT	CLPI	CPIN	CTRP	EKAD	FORU
t-92	12850.3	1390	1296.87	1270	4550	720	250	171
t-93	13042.1	1390	1263.61	1270	4300	700	250	175
t-94	13233.9	1420	1246.99	1310	4300	670	250	175
t-95	12946.2	1460	1188.79	1310	4325	660	255	175
t-96	13138	1450	1213.73	1300	4175	650	255	173
t-97	13377.7	1480	1213.73	1330	4300	650	250	164
t-98	13473.6	1470	1222.05	1330	4225	660	235	164
t-99	13425.6	1440	1205.42	1320	4150	670	245	162
t-100	13425.6	1410	1188.79	1300	3975	660	240	164
t-101	13521.6	1460	1197.11	1300	3925	630	240	158
t-102	13521.6	1430	1230.36	1290	3900	620	240	158
t-103	13809.3	1430	1205.42	1300	3900	630	235	158
t-104	14049	1380	1188.79	1290	3850	630	235	157
t-105	13713.4	1270	1130.6	1310	3850	610	235	157
t-106	14336.7	1270	1105.66	1310	3875	580	240	161
t-107	14768.2	1240	1130.6	1340	3850	580	240	160
t-108	14960	1210	1147.23	1340	3800	590	235	162
t-109	15151.8	1160	1147.23	1330	3875	590	235	161
t-110	15343.6	1110	1130.6	1340	3800	580	250	173
t-111	15631.3	1040	1122.29	1330	3775	580	260	182
t-112	15439.5	950	1097.35	1340	3750	580	260	179
t-113	15439.5	950	1047.47	1370	3650	600	265	160
t-114	15247.7	960	997.59	1390	3700	590	260	153
t-115	15247.7	970	1030.84	1320	3700	580	255	151
t-116	15391.6	970	1014.22	1330	3750	560	250	152
t-117	15439.5	960	1022.53	1330	3750	570	245	152
t-118	15631.3	960	1039.16	1350	3775	590	250	152
t-119	15487.5	960	1030.84	1350	3600	600	255	154
t-120	15871	950	1022.53	1320	3600	580	260	152
t-121	16398.4	940	1014.22	1320	3600	590	260	153
t-122	16014.9	920	1014.22	1310	3625	580	255	155
t-123	15727.2	940	1064.1	1310	3600	580	250	150
t-124	16062.8	960	1064.1	1310	3575	580	280	152
t-125	16398.4	940	1080.72	1300	3600	590	280	153
t-126	16494.4	910	1080.72	1340	3550	590	280	150
t-127	15966.9	860	1080.72	1340	3400	580	285	151
t-128	15966.9	820	1138.92	1350	3550	520	290	150
t-129	15966.9	820	1147.23	1360	3550	520	285	152
t-130	15966.9	820	1172.17	1370	3600	520	295	152
t-131	15823.1	840	1180.48	1440	3500	510	295	151
t-132	16302.6	780	1180.48	1480	3500	490	285	152
t-133	17117.7	780	1213.73	1490	3500	490	290	152
t-134	17213.6	780	1213.73	1490	3500	495	280	152
t-135	16973.9	780	1213.73	1500	3375	495	280	160
t-136	15919	820	1271.93	1460	3425	500	280	170
t-137	15919	860	1280.24	1500	3425	495	285	155
t-138	15919	890	1288.55	1430	3425	490	295	155
t-139	16158.7	910	1280.24	1340	3500	490	285	158
t-140	16254.6	920	1280.24	1280	3450	480	305	170
t-141	16494.4	960	1321.81	1300	3450	480	305	170
t-142	16782	940	1413.25	1290	3350	485	305	170
t-143	16973.9	940	1388.31	1310	3350	485	295	171
t-144	17117.7	970	1371.69	1310	3375	495	295	169
t-145	17261.6	980	1413.25	1340	3200	495	300	161
t-146	16878	1000	1413.25	1340	3175	490	300	160
t-147	16878	1000	1413.25	1340	3250	495	310	152
t-148	16878	990	1413.25	1340	3350	495	320	150
t-149	16878	950	1413.25	1350	3400	480	325	150
t-150	16878	960	1413.25	1330	3350	490	320	147
t-151	16925.9	960	1421.57	1360	3375	510	320	144

	GGRM	GJTL	INDF	INTP	JKON	JPFA	KLBF
t-31	57250	2850	5200	16600	1425.12	3825	3425
t-32	57250	2850	5200	16950	1425.12	3850	3475
t-33	57600	2950	5300	17100	1425.12	3875	3450
t-34	58650	3000	5450	17000	1444.77	3875	3450
t-35	58050	3075	5400	17100	1425.12	3600	3475
t-36	58650	3100	5500	17150	1434.95	3650	3575
t-37	56250	3075	5450	17200	1415.29	3650	3525
t-38	55800	3025	5400	17650	1405.46	3600	3600
t-39	54400	3050	5350	17800	1405.46	3625	3600
t-40	55400	3075	5400	17550	1405.46	3575	3575
t-41	55000	2950	5450	17200	1405.46	3650	3575
t-42	54100	3000	5350	16950	1405.46	3650	3575
t-43	58500	3000	5300	17000	1415.29	3650	3600
t-44	60150	2950	5400	16600	1415.29	3525	3675
t-45	59800	2875	5650	16850	1425.12	3450	3575
t-46	60300	2825	5700	16400	1444.77	3425	3625
t-47	60350	2950	5700	16700	1444.77	3475	3675
t-48	59950	3000	5600	16500	1444.77	3425	3675
t-49	59900	2900	5650	16300	1444.77	3450	3675
t-50	57400	3100	5550	16600	1425.12	3475	3625
t-51	57400	3125	5650	16650	1425.12	3400	3675
t-52	57400	3125	5600	16700	1425.12	3425	3650
t-53	57400	2950	5600	16600	1425.12	3425	3675
t-54	59000	2850	5700	16350	1444.77	3425	3725
t-55	58000	2850	5600	16200	1444.77	3475	3550
t-56	58250	2925	5550	15950	1493.92	3475	3475
t-57	57000	2900	5500	15900	1464.43	3475	3450
t-58	57750	2675	5600	15700	1474.26	3475	3500
t-59	57650	2575	5550	15800	1464.43	3400	3475
t-60	58850	2475	5600	14500	1484.09	3425	3400
t-61	58400	2550	5600	14400	1484.09	3450	3200
t-62	59250	2625	5650	14300	1484.09	3450	3175
t-63	60000	2550	5600	14300	1484.09	3475	3075
t-64	59700	2625	5600	14700	1493.92	3325	3125
t-65	59200	2650	5600	14750	1474.26	3350	3100
t-66	57550	2700	5450	14900	1474.26	3400	3000
t-67	59800	2725	5400	14800	1474.26	3425	2950
t-68	59800	2825	5350	14750	1474.26	3075	2950
t-69	60000	2825	5300	14500	1464.43	3050	2975
t-70	59650	2725	5400	14900	1503.74	3050	3050
t-71	58450	2500	5400	14700	1503.74	3075	3000
t-72	57800	2500	5350	14750	1503.74	3075	3125
t-73	57600	2550	5350	14300	1503.74	2975	3100
t-74	58650	2475	5400	14250	1562.71	3075	3050
t-75	59950	2400	5350	14500	1562.71	3075	3000
t-76	59400	2475	5250	14400	1562.71	3125	2925
t-77	59000	2425	5300	14350	1562.71	3150	2900
t-78	58550	2275	5350	14500	1572.55	3050	2925
t-79	56800	2275	5400	15000	1474.26	3025	2950
t-80	57250	2225	5350	14750	1523.4	3025	2950
t-81	58050	2225	5200	15300	1533.23	2975	2925
t-82	58050	2150	5250	15650	1523.4	3025	2925
t-83	57250	2125	5200	15050	1523.4	3000	2875
t-84	58950	2150	5150	14450	1533.23	3000	2900
t-85	58950	2125	5000	14500	1533.23	2975	2925
t-86	55050	2150	4950	14550	1523.4	2900	2850
t-87	54350	2100	4850	14150	1484.09	2975	2950
t-88	53550	2125	4900	14350	1484.09	2975	2925
t-89	53800	2100	4975	14800	1533.23	3000	2850
t-90	51800	2075	4900	14850	1415.29	2950	2850
t-91	51600	2150	4900	14650	1523.4	2950	2925
t-92	51600	2200	4825	14650	1572.55	2900	2825
t-93	51600	2125	4875	14200	1572.55	2825	2725

	GGRM	GJTL	INDF	INTP	JKON	JPFA	KLBF
t-94	52700	2100	4925	13550	1464.43	2850	2850
t-95	52900	2075	4950	14150	1464.43	2800	2900
t-96	54500	2025	4950	14600	1474.26	2900	2900
t-97	55600	2050	5000	14650	1474.26	2975	2900
t-98	56300	2050	4850	13900	1484.09	3050	2900
t-99	55400	2050	4825	13500	1484.09	3075	2875
t-100	55250	2100	4800	13500	1484.09	3100	2825
t-101	56450	2050	4750	13800	1484.09	3125	2900
t-102	55250	2050	4800	14350	1454.6	3025	2900
t-103	54550	2075	4800	14900	1474.26	3025	3000
t-104	56500	2100	4900	14950	1474.26	3000	2775
t-105	57050	2150	4850	15150	1474.26	2900	2650
t-106	57150	2150	4825	15050	1474.26	2850	2750
t-107	56150	2200	4700	14950	1474.26	2775	2875
t-108	56750	2225	4675	14900	1474.26	2900	2925
t-109	53150	2200	4700	15000	1474.26	2975	2975
t-110	51000	2200	4725	16050	1474.26	3075	2950
t-111	51950	2225	4650	16500	1454.6	3125	3050
t-112	53650	2250	4675	16750	1454.6	3050	2975
t-113	52750	2250	4750	16600	1444.77	3100	3100
t-114	54000	2275	4825	16050	1474.26	3050	2775
t-115	54100	2225	4725	15950	1474.26	3050	2950
t-116	54650	2250	4750	16200	1385.81	3000	3150
t-117	54100	2225	4750	16300	1385.81	3050	3250
t-118	55300	2225	4650	16200	1395.64	3200	3325
t-119	54800	2275	4700	16300	1375.98	3300	3300
t-120	55000	2275	4800	16300	1375.98	3350	3325
t-121	55000	2275	4875	16350	1375.98	3250	3250
t-122	56700	2225	4775	16350	1395.64	3175	3200
t-123	55950	2200	4725	16300	1395.64	3150	3125
t-124	56750	2250	4575	16000	1395.64	3175	3125
t-125	57950	2225	4525	15700	1395.64	3200	3150
t-126	59150	2225	4550	15950	1395.64	3200	3200
t-127	58150	2225	4725	16150	1395.64	3150	3225
t-128	58100	2200	4775	15950	1405.46	3075	3125
t-129	57000	2225	4825	15950	1405.46	3125	3025
t-130	55500	2225	4875	16350	1405.46	3100	3100
t-131	56550	2225	4725	17000	1415.29	3200	3350
t-132	57400	2200	4700	16600	1415.29	3175	3525
t-133	57500	2200	4525	16600	1415.29	3150	3625
t-134	57900	2200	4575	16450	1189.24	3275	3775
t-135	57500	2200	4725	16950	953.36	3300	3775
t-136	57500	2225	4850	16700	963.18	3375	3700
t-137	58100	2200	4950	16600	963.18	3400	3725
t-138	58050	2250	5100	16950	963.18	3525	3675
t-139	57950	2175	4950	16700	963.18	3525	3575
t-140	58150	2175	4875	17300	963.18	3500	3500
t-141	59150	2175	4875	17250	963.18	3500	3500
t-142	59150	2250	4825	17450	963.18	3475	3325
t-143	60500	2250	4650	17800	963.18	3400	3475
t-144	61450	2275	4650	17450	864.9	3500	3450
t-145	61000	2275	4650	16750	864.9	3550	3300
t-146	61400	2250	4650	17000	884.55	3650	3225
t-147	62800	2275	4650	17000	884.55	3575	3200
t-148	63150	2300	4475	17450	884.55	3625	3200
t-149	62200	2325	4475	17400	884.55	3725	3100
t-150	62300	2275	4525	17750	884.55	3600	3100
t-151	62050	2250	4650	17650	884.55	3575	3075

	LPGI	MICE	MLPL	MPPA	PGAS	PTPP
t-31	1550	620	305	1640	5300	640
t-32	1530	620	315	1660	5275	670
t-33	1500	640	325	1720	5175	670
t-34	1400	640	330	1730	4985	670
t-35	1400	610	315	1700	4915	690
t-36	1400	600	310	1770	4960	700
t-37	1400	600	310	1660	4960	690
t-38	1400	630	290	1550	5000	690
t-39	1400	670	290	1470	5000	690
t-40	1390	670	325	1670	4945	690
t-41	1390	670	330	1630	4940	690
t-42	1390	700	310	1560	4900	700
t-43	1390	710	305	1530	4900	700
t-44	1310	650	295	1500	4865	690
t-45	1340	600	300	1490	4950	700
t-46	1300	580	305	1520	5000	700
t-47	1300	520	305	1470	5000	700
t-48	1300	590	285	1570	5050	670
t-49	1240	475	315	1830	5050	690
t-50	1130	425	320	1830	4965	680
t-51	1100	425	320	1830	4955	700
t-52	1100	425	320	1800	4930	690
t-53	1060	420	340	1770	4790	700
t-54	1060	430	340	1790	4805	700
t-55	1060	435	335	1770	4800	650
t-56	1060	440	335	1740	4825	670
t-57	1060	435	365	1780	4830	700
t-58	1060	430	350	1840	4830	700
t-59	1070	440	280	1830	4820	710
t-60	1100	445	275	1740	4745	730
t-61	1460	440	290	1760	4790	720
t-62	1460	445	265	1750	4770	720
t-63	1460	450	255	1750	4770	730
t-64	1460	465	230	1690	4760	720
t-65	1460	470	220	1580	4600	720
t-66	1460	455	220	1470	4560	710
t-67	1460	440	220	1440	4700	680
t-68	1460	435	225	1440	4685	680
t-69	1460	420	220	1450	4725	680
t-70	1460	430	225	1500	4700	670
t-71	1460	405	230	1480	4695	690
t-72	1460	385	235	1480	4385	680
t-73	1250	390	230	1500	4260	660
t-74	1060	385	215	1520	4370	650
t-75	1060	390	205	1490	4420	660
t-76	1060	380	210	1410	4420	680
t-77	1060	385	220	1410	4435	700
t-78	1060	380	230	1380	4280	680
t-79	1060	370	230	1370	4250	660
t-80	1070	360	240	1380	4270	610
t-81	1080	360	240	1400	4400	640
t-82	1080	360	235	1440	4550	660
t-83	1080	360	240	1460	4600	580
t-84	1070	360	230	1460	4475	600
t-85	1180	360	225	1460	4475	590
t-86	1180	365	225	1490	4475	590
t-87	1060	365	225	1500	4400	580
t-88	1160	360	225	1430	4475	590
t-89	1160	370	225	1410	4475	580
t-90	1160	365	240	1440	4475	580
t-91	1160	365	205	1420	4500	570
t-92	1160	365	191	1490	4500	590
t-93	1200	360	193	1400	4575	600

	LPGI	MICE	MLPL	MPPA	PGAS	PTPP
t-94	1200	365	192	1370	4600	610
t-95	1200	355	190	1340	4525	610
t-96	1200	365	193	1350	4475	610
t-97	1200	360	193	1350	4625	580
t-98	1200	360	195	1340	4750	570
t-99	1160	365	195	1370	4875	590
t-100	1160	365	195	1430	4850	580
t-101	1160	360	194	1480	4825	570
t-102	1200	355	199	1450	4850	590
t-103	1200	355	196	1490	4875	610
t-104	1200	340	235	1470	4875	620
t-105	1180	340	182	1520	4900	610
t-106	1170	340	172	1420	4900	630
t-107	1160	340	128	1560	4850	630
t-108	1160	345	129	1250	4825	650
t-109	1050	345	128	1180	4725	690
t-110	1000	340	133	950	4450	660
t-111	980	355	123	940	4750	660
t-112	980	355	121	950	4800	640
t-113	1000	355	120	950	4675	660
t-114	970	355	126	950	4700	670
t-115	990	355	108	940	4900	700
t-116	980	360	96	940	4925	720
t-117	980	360	97	950	4850	720
t-118	980	365	97	950	4925	740
t-119	1000	370	97	950	5000	720
t-120	970	355	97	940	5050	770
t-121	990	355	97	940	4950	720
t-122	990	345	95	940	4925	680
t-123	990	340	96	940	5000	710
t-124	1020	340	95	940	4975	750
t-125	1030	340	95	940	4950	770
t-126	990	340	97	940	4950	770
t-127	1010	340	98	940	4975	800
t-128	1010	340	97	920	5100	800
t-129	1040	340	96	930	5150	790
t-130	1090	330	98	900	5150	770
t-131	1090	335	98	930	5050	770
t-132	980	340	98	920	4975	740
t-133	1000	345	101	910	5150	730
t-134	1000	350	100	920	5200	780
t-135	1040	345	97	930	5300	780
t-136	1050	340	96	940	5450	810
t-137	1000	340	97	930	5350	810
t-138	970	335	94	940	5450	790
t-139	960	335	96	930	5400	820
t-140	960	340	93	920	5450	830
t-141	960	340	94	920	5450	830
t-142	960	350	93	920	5450	830
t-143	980	350	93	920	5350	810
t-144	960	355	95	940	5250	830
t-145	990	350	95	960	5350	840
t-146	990	350	96	950	5300	850
t-147	960	340	94	940	5250	850
t-148	960	355	94	960	5300	850
t-149	1030	355	90	960	5350	860
t-150	1050	345	94	970	5300	860
t-151	1000	350	93	900	5200	870

	RALS	SCMA	SGRO	SMAR	SMGR	SMRA	SMSM
t-31	730	4300	3400	6600	16500	1130	3200
t-32	730	4675	3400	6800	16000	1120	3100
t-33	740	4675	3400	6400	15100	1110	2950
t-34	730	4500	3475	6100	15125	1110	2950
t-35	750	4500	3375	5850	15450	1130	2900
t-36	740	4500	3400	5950	15300	1160	3000
t-37	750	4400	3425	6000	15300	1200	2975
t-38	780	4400	3525	5600	15100	1210	2925
t-39	770	4300	3450	5600	14875	1220	2900
t-40	790	4200	3525	5500	14700	1260	3000
t-41	790	4175	3550	5500	14700	1260	3025
t-42	790	4125	3375	5600	15000	1240	3025
t-43	790	4000	3225	5300	14450	1220	3050
t-44	800	4000	3250	5300	14375	1180	3000
t-45	800	4175	3250	5350	14650	1160	3150
t-46	790	4150	3250	5400	14900	1200	3125
t-47	800	4150	3250	5400	15075	1200	3225
t-48	810	4050	3250	5350	15100	1140	3025
t-49	780	4000	3200	5350	15000	1180	2975
t-50	770	4000	3250	5300	15000	1180	2875
t-51	770	4050	3350	5300	15225	1160	2700
t-52	790	3825	3300	5350	14850	1150	2700
t-53	780	3950	3200	5350	15100	1130	2725
t-54	760	4050	3175	5350	15100	1130	2725
t-55	760	3950	3175	5350	15100	1120	2750
t-56	790	3950	3150	5400	15075	1130	2675
t-57	790	4100	3075	5400	14950	1160	2600
t-58	800	3950	3175	5500	14550	1120	2525
t-59	790	3950	3175	5450	14425	1130	2500
t-60	800	4050	3225	5300	13875	1120	2550
t-61	770	4000	3300	5000	14000	1160	2575
t-62	800	3850	3275	5000	14200	1110	2575
t-63	790	3850	3275	5200	14200	1080	2575
t-64	800	3800	3050	5200	14400	1090	2575
t-65	810	3875	3025	5250	14000	1080	2600
t-66	820	3700	3000	5250	13975	1060	2600
t-67	820	3700	3000	5250	14550	1010	2600
t-68	830	3700	2925	4900	14900	990	2600
t-69	840	3950	2925	5000	14675	980	2550
t-70	820	3850	2825	5000	14975	990	2600
t-71	800	4075	2750	5000	15075	1000	2600
t-72	820	4150	2750	4950	15200	990	2675
t-73	790	4150	2725	4900	15200	1000	2650
t-74	760	4175	2775	4900	15675	1010	2575
t-75	800	4125	2775	4900	15525	1030	2550
t-76	780	4050	2825	4900	15525	1040	2550
t-77	720	3975	2825	4900	14900	1030	2550
t-78	770	3900	2750	4900	14100	1000	2550
t-79	770	3800	2725	4900	14125	990	2550
t-80	760	3800	2750	4900	14275	980	2550
t-81	780	3800	2700	5000	14300	1000	2550
t-82	790	3800	2675	5000	14350	1000	2450
t-83	770	3800	2725	5000	14500	1000	2450
t-84	740	3800	2600	5000	14150	990	2450
t-85	730	3800	2625	5000	14150	1000	2450
t-86	710	3800	2625	5000	14150	1020	2400
t-87	710	3800	2700	5100	14050	1010	2425
t-88	750	3500	2700	5050	14000	1000	2475
t-89	760	3450	2750	5050	14000	1000	2450
t-90	780	3450	2750	4950	14000	940	2400
t-91	760	3500	2725	5000	14000	940	2425
t-92	710	3500	2750	5150	13950	920	2375
t-93	700	3500	2800	5250	13900	880	2450

	RALS	SCMA	SGRO	SMAR	SMGR	SMRA	SMSM
t-94	720	3425	2800	5050	13500	870	2475
t-95	740	3425	2825	5050	13150	870	2475
t-96	750	3450	2775	5150	12900	890	2500
t-97	750	3475	2900	5200	13000	850	2450
t-98	750	3450	2975	5250	13050	870	2450
t-99	750	3450	3000	5150	13250	870	2450
t-100	760	3450	3025	5150	13150	870	2425
t-101	750	3450	2925	5100	12800	870	2450
t-102	770	3475	2850	5000	12750	890	2500
t-103	800	3500	2900	5200	12750	930	2475
t-104	790	3475	2900	5100	12800	930	2500
t-105	790	3425	2900	5050	13050	910	2600
t-106	780	3475	2875	5100	13150	870	2650
t-107	820	3500	2800	5100	12800	940	2625
t-108	820	3500	2875	5100	12850	1000	2625
t-109	810	3500	2950	5200	12900	1000	2625
t-110	860	3575	3100	5100	12600	1000	2600
t-111	860	3500	3075	5200	12850	1000	2575
t-112	860	3500	3100	5000	12950	1010	2600
t-113	870	3650	3175	5000	12900	1000	2525
t-114	860	3650	3225	5000	12900	1000	2600
t-115	850	3500	3125	5000	13250	1000	2575
t-116	860	3550	3025	4900	13150	1000	2575
t-117	850	3700	3075	5150	12950	1040	2525
t-118	850	3500	3225	5000	13050	1070	2550
t-119	860	3575	3375	5000	12900	1050	2650
t-120	840	3550	3400	4750	13450	1050	2700
t-121	840	3550	3450	5000	13500	1080	2675
t-122	860	3500	3250	5050	13600	1090	2700
t-123	850	3500	3175	5300	13850	1090	2700
t-124	870	3475	3100	5200	13900	1080	2650
t-125	860	3325	3100	5400	13950	1130	2525
t-126	820	3325	3025	5000	13950	1140	2550
t-127	840	3200	3050	5000	13900	1140	2525
t-128	840	3200	3025	5050	14350	1130	2425
t-129	860	3175	3025	5000	14350	1090	2550
t-130	880	3275	3025	4950	14300	1060	2475
t-131	850	3325	3050	4950	14300	1120	2500
t-132	840	3300	2925	4925	14400	1110	2575
t-133	830	3450	3000	5000	14300	1140	2650
t-134	830	3425	3050	4975	14150	1130	2625
t-135	790	3625	3050	5000	13950	1140	2625
t-136	790	3600	3075	4850	14500	1140	2650
t-137	810	3450	3150	4975	14700	1160	2650
t-138	830	3500	3200	5100	14250	1130	2600
t-139	830	3500	3175	5100	13950	1100	2700
t-140	840	3500	3100	5050	14250	1100	2650
t-141	850	3300	3125	5150	14250	1070	2650
t-142	840	3300	2975	5200	14250	1070	2675
t-143	830	3300	2950	4975	13850	1140	2675
t-144	840	3300	2925	5100	13600	1160	2625
t-145	820	3325	2925	4925	13150	1140	2675
t-146	790	3350	3000	4900	12800	1130	2700
t-147	860	3325	2950	4850	12900	1150	2700
t-148	890	3325	2975	5000	13500	1130	2725
t-149	890	3500	3050	4850	13300	1150	2725
t-150	900	3200	3075	4950	13300	1200	2700
t-151	900	3025	3050	4950	13000	1210	2675

	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
t-31	1949.6	255	930	33000	14900	690
t-32	1987.83	255	930	32400	15000	700
t-33	1987.83	255	940	32600	14900	680
t-34	1968.72	255	930	32000	14950	670
t-35	1930.49	260	940	31350	14950	670
t-36	1796.69	255	940	31700	15000	690
t-37	1739.35	250	950	31700	15000	690
t-38	1739.35	255	950	31450	15200	670
t-39	1720.24	255	960	30100	15300	680
t-40	1758.47	245	950	29850	15300	670
t-41	1720.24	245	970	29400	15300	680
t-42	1873.15	250	970	29700	15250	670
t-43	1834.92	250	980	29600	15250	680
t-44	1911.38	245	970	29450	15200	670
t-45	1949.6	245	980	29250	15350	670
t-46	1949.6	245	970	29800	15300	670
t-47	1968.72	245	970	29550	15150	660
t-48	1987.83	250	940	29700	15000	660
t-49	2026.06	255	910	29600	14950	670
t-50	2006.95	245	910	29650	14950	650
t-51	2045.17	250	910	29800	15100	630
t-52	2026.06	250	910	29350	15150	620
t-53	2045.17	250	910	29000	15150	630
t-54	2064.29	245	910	28250	15100	640
t-55	1930.49	250	900	27350	15300	650
t-56	1873.15	245	870	27550	15300	640
t-57	1911.38	245	870	28250	15300	630
t-58	1796.69	240	890	29200	15200	630
t-59	1739.35	240	890	29950	15450	640
t-60	1739.35	250	900	29700	15300	640
t-61	1777.58	245	870	29600	15300	640
t-62	1777.58	250	890	28800	15300	630
t-63	1758.47	245	890	29100	15750	620
t-64	1777.58	245	880	28900	16000	640
t-65	1796.69	245	880	28800	16300	650
t-66	1815.81	250	880	29100	15950	660
t-67	1815.81	250	900	29050	16050	660
t-68	1834.92	250	900	29350	15600	660
t-69	1854.04	250	910	28050	16100	660
t-70	1834.92	250	910	28000	16550	660
t-71	1834.92	250	910	29250	16450	650
t-72	1777.58	245	900	29700	16500	660
t-73	1777.58	245	900	29050	16800	650
t-74	1834.92	250	900	28350	16700	620
t-75	1892.26	245	900	27850	16750	610
t-76	1911.38	240	890	27850	16800	620
t-77	1911.38	240	900	27850	16900	610
t-78	1911.38	250	900	28100	16700	600
t-79	1911.38	245	890	28500	16500	610
t-80	1930.49	250	890	28500	16200	620
t-81	1949.6	245	890	28500	16250	630
t-82	1968.72	250	910	28250	16200	630
t-83	1987.83	245	910	29250	15500	620
t-84	2026.06	245	890	28400	15600	610
t-85	2045.17	240	890	27700	15700	610
t-86	2045.17	245	890	27200	15250	610
t-87	2045.17	250	860	27200	15450	630
t-88	2064.29	250	860	28200	15500	630
t-89	2083.4	250	860	28300	14950	610
t-90	2102.51	240	860	26950	15150	590
t-91	2102.51	250	880	26800	14500	610
t-92	2064.29	260	900	27300	14600	620
t-93	2140.74	260	910	27450	14650	640

	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
t-94	2159.86	260	900	26400	15000	650
t-95	2140.74	265	900	26000	14950	650
t-96	2159.86	255	930	26350	15550	670
t-97	2140.74	260	900	25800	15750	660
t-98	2217.2	255	900	25250	15250	640
t-99	2121.63	250	900	25050	15100	600
t-100	2083.4	265	900	24900	15050	620
t-101	2083.4	260	900	24900	14900	650
t-102	2102.51	255	900	25300	14800	670
t-103	2102.51	250	900	25400	14250	680
t-104	2102.51	250	900	24850	14150	690
t-105	2083.4	245	910	25200	14000	690
t-106	2121.63	245	900	25300	14250	680
t-107	2083.4	245	900	24050	15250	690
t-108	2102.51	250	880	24700	15700	690
t-109	2083.4	245	870	24600	16100	690
t-110	2102.51	250	880	24850	16450	690
t-111	2178.97	245	880	24750	16050	690
t-112	2274.54	250	860	25400	15900	710
t-113	2370.11	250	860	25450	15650	670
t-114	2389.22	250	870	25350	15500	690
t-115	2389.22	250	850	25250	15650	690
t-116	2427.45	245	850	25300	15950	700
t-117	2408.33	240	870	23350	16100	710
t-118	2427.45	250	890	23350	16350	710
t-119	2408.33	250	900	24400	16050	690
t-120	2331.88	240	900	23800	16050	690
t-121	2312.77	245	900	23850	16500	660
t-122	2274.54	240	900	24700	16200	660
t-123	2293.65	230	900	24600	15900	660
t-124	2198.08	225	900	25000	15750	660
t-125	2217.2	225	890	24750	16000	650
t-126	2236.31	220	890	25400	15900	630
t-127	2255.42	230	890	25900	15900	660
t-128	2255.42	240	900	26050	15650	670
t-129	2102.51	245	890	26050	15200	680
t-130	2102.51	245	900	26600	15150	650
t-131	2140.74	240	900	25450	15800	650
t-132	2140.74	245	900	25700	15800	670
t-133	2121.63	245	900	26150	16150	670
t-134	2026.06	245	900	25150	16450	650
t-135	1987.83	245	910	25050	16600	650
t-136	2045.17	245	910	24650	16550	660
t-137	2083.4	240	900	23400	16450	660
t-138	2083.4	250	900	24300	16200	680
t-139	2140.74	245	910	23700	16700	690
t-140	2121.63	245	920	24600	15700	700
t-141	2198.08	245	920	25200	15000	690
t-142	2140.74	240	910	24950	16100	690
t-143	2026.06	245	920	24650	16550	680
t-144	1911.38	245	920	24100	17150	690
t-145	1949.6	245	930	23950	17000	690
t-146	1892.26	240	940	22800	17000	710
t-147	1949.6	240	930	22950	17300	720
t-148	1949.6	240	940	23200	17450	710
t-149	1987.83	250	910	23100	17000	700
t-150	1987.83	240	900	23600	16700	720
t-151	2006.95	240	900	23050	16500	730

Lampiran: 5

Periode Estimasi IHSG Perusahaan Dividen Meningkat

Saham	AALI	AKRA	ANTM	ASGR	ASII	ASRI
t-31	3727.8	4003.69	4053.07	4777.9	4215.44	5054.63
t-32	3685.94	3939.47	4114.14	4723.16	4166.07	5105.94
t-33	3700.05	3908.96	4133.63	4802.67	4121.55	5089.33
t-34	3707.49	3924.13	4129.06	4831.5	4105.17	5042.79
t-35	3678.67	3953.52	4181.07	4822.63	4090.57	4991.87
t-36	3640.98	3927.1	4158.86	4802.83	4079.38	4925.48
t-37	3591.51	3888.57	4216.68	4819.32	4031.71	4994.05
t-38	3602.86	3830.27	4224	4786.37	4041.56	5060.92
t-39	3607.11	3813.43	4219.29	4835.44	4036.23	5034.07
t-40	3611.64	3848.56	4195.98	4854.31	4022.17	4999.75
t-41	3556.23	3823.65	4180.73	4874.5	4024.73	4978.51
t-42	3517.72	3821.83	4163.98	4848.3	4028.54	4994.52
t-43	3518.85	3794.94	4180.31	4824.68	4039.98	5011.61
t-44	3494.07	3729.12	4163.64	4751.7	4054.33	4975.33
t-45	3484.21	3721.38	4170.35	4811.61	4008.64	4996.92
t-46	3531.48	3740.47	4155.49	4795.79	3987.35	4998.46
t-47	3524.48	3794.25	4181.37	4716.42	3991.54	5012.64
t-48	3569.84	3773.27	4163.72	4663.03	3967.67	4998.65
t-49	3542.23	3748.76	4166.24	4696.11	3942.52	4894.59
t-50	3587.65	3787.65	4157.37	4651.12	3967.08	4937.21
t-51	3598.68	3806.19	4146.58	4632.4	3984.9	4924.26
t-52	3580.31	3825.82	4159.28	4634.45	4004.87	4877.48
t-53	3561.72	3842.95	4139.54	4626.99	3962.29	4899.59
t-54	3542.9	3834.2	4130.01	4612.05	3985.21	4897.52
t-55	3494.54	3844.02	4149.8	4609.79	3903.56	4926.07
t-56	3486.2	3837.76	4154.07	4571.57	3861.02	4922.61
t-57	3512.62	3836.97	4166.37	4548.24	3894.56	4981.47
t-58	3470.35	3826.14	4134.04	4503.25	3958.81	4957.25
t-59	3443.53	3832.43	4215.44	4491.27	3995.02	4937.58
t-60	3439.13	3814.82	4166.07	4503.15	4002.95	4940.99
t-61	3474.12	3780.16	4121.55	4498.98	3976.54	4928.1
t-62	3451.1	3785.94	4105.17	4479.44	3927.61	4842.52
t-63	3497.64	3778.45	4090.57	4490.56	3953.04	4777.9
t-64	3501.5	3872.95	4079.38	4481.63	3952.82	4723.16
t-65	3434.38	3859.81	4031.71	4453.7	3961.9	4802.67
t-66	3416.78	3840.21	4041.56	4452.98	3912.39	4831.5
t-67	3416.77	3799.23	4036.23	4439.03	3978.99	4822.63
t-68	3391.77	3832.02	4022.17	4416.94	3988.7	4802.83
t-69	3373.64	3808.71	4024.73	4437.6	3955.45	4819.32
t-70	3417.47	3838.14	4028.54	4418.73	3974.79	4786.37
t-71	3459.93	3800.52	4039.98	4416.55	4015.95	4835.44
t-72	3487.71	3785.45	4054.33	4439.97	4016.9	4854.31
t-73	3496.17	3798.55	4008.64	4465.48	3964.98	4874.5
t-74	3480.83	3816.27	3987.35	4398.38	3941.69	4848.3
t-75	3442.5	3814.93	3991.54	4410.96	3915.16	4824.68
t-76	3409.17	3813.87	3967.67	4400.82	3986.41	4751.7
t-77	3487.61	3849.3	3942.52	4382.5	3983.43	4811.61
t-78	3514.62	3819.62	3967.08	4305.91	3963.6	4795.79
t-79	3501.72	3808.93	3984.9	4317.37	3994.58	4716.42
t-80	3433.91	3804.93	4004.87	4362.93	3986.51	4663.03
t-81	3346.06	3774.87	3962.29	4392.38	4001.07	4696.11
t-82	3379.54	3788.54	3985.21	4410.02	3978.13	4651.12
t-83	3454.12	3801.08	3903.56	4399.26	3954.75	4632.4
t-84	3517.27	3794.76	3861.02	4346.48	3909.69	4634.45
t-85	3548.65	3732.65	3894.56	4316.69	3935.33	4626.99
t-86	3535.73	3727.07	3958.81	4281.86	3909.5	4612.05
t-87	3569.14	3730.51	3995.02	4275.09	3909.64	4609.79
t-88	3564.94	3707.98	4002.95	4250.21	3938.84	4571.57
t-89	3554.77	3734.41	3976.54	4254.82	3889.07	4548.24
t-90	3455.13	3719.23	3927.61	4275.86	3869.42	4503.25

Saham	AALI	AKRA	ANTM	ASGR	ASII	ASRI
t-91	3478.55	3745.84	3953.04	4301.44	3906.26	4491.27
t-92	3631.45	3741.81	3952.82	4315.86	3907.42	4503.15
t-93	3736.26	3730.58	3961.9	4308.86	3857.88	4498.98
t-94	3783.71	3727.8	3912.39	4320.19	3821.99	4479.44
t-95	3760.06	3685.94	3978.99	4337.53	3808.77	4490.56
t-96	3727.52	3700.05	3988.7	4317.92	3769.21	4481.63
t-97	3703.51	3707.49	3955.45	4302.61	3789.43	4453.7
t-98	3699.22	3678.67	3974.79	4290.8	3797.15	4452.98
t-99	3659.99	3640.98	4015.95	4292.6	3795.44	4439.03
t-100	3625.27	3591.51	4016.9	4286.84	3794.27	4416.94
t-101	3611.53	3602.86	3964.98	4269.65	3752.34	4437.6
t-102	3620.68	3607.11	3941.69	4302.44	3770.29	4418.73
t-103	3637.45	3611.64	3915.16	4276.14	3768.35	4416.55
t-104	3568.81	3556.23	3986.41	4319.09	3701.54	4439.97
t-105	3581.56	3517.72	3983.43	4304.82	3751.6	4465.48
t-106	3571.74	3518.85	3963.6	4337.51	3763.58	4398.38
t-107	3658.31	3494.07	3994.58	4375.17	3792.15	4410.96
t-108	3689.67	3484.21	3986.51	4348.81	3759.61	4400.82
t-109	3692.23	3531.48	4001.07	4335.93	3781.76	4382.5
t-110	3747.71	3524.48	3978.13	4317.28	3793.24	4305.91
t-111	3786.1	3569.84	3954.75	4312.37	3752.67	4317.37
t-112	3769.99	3542.23	3909.69	4313.44	3780.79	4362.93
t-113	3722.35	3587.65	3935.33	4351.28	3779.84	4392.38
t-114	3696.26	3598.68	3909.5	4332.08	3781.1	4410.02
t-115	3694.58	3580.31	3909.64	4318.59	3715.08	4399.26
t-116	3619.09	3561.72	3938.84	4333.64	3687.77	4346.48
t-117	3531.21	3542.9	3889.07	4327.87	3647.05	4316.69
t-118	3630.64	3494.54	3869.42	4350.42	3637.19	4281.86
t-119	3642.5	3486.2	3906.26	4314.27	3687.01	4275.09
t-120	3702.01	3512.62	3907.42	4302.94	3735.53	4250.21
t-121	3658.78	3470.35	3857.88	4338.89	3679.83	4254.82
t-122	3678.19	3443.53	3821.99	4335.36	3754.5	4275.86
t-123	3741.23	3439.13	3808.77	4350.29	3792.25	4301.44
t-124	3725.05	3474.12	3769.21	4364.6	3814.09	4315.86
t-125	3677.9	3451.1	3789.43	4331.37	3813.84	4308.86
t-126	3674.03	3497.64	3797.15	4339.15	3833.04	4320.19
t-127	3656.46	3501.5	3795.44	4335.38	3778.89	4337.53
t-128	3665.85	3434.38	3794.27	4330.15	3783.88	4317.92
t-129	3744.62	3416.78	3752.34	4341.38	3857.36	4302.61
t-130	3756.97	3416.77	3770.29	4331.25	3805.65	4290.8
t-131	3737.48	3391.77	3768.35	4356.97	3778.24	4292.6
t-132	3699.26	3373.64	3701.54	4337.53	3783.63	4286.84
t-133	3655.3	3417.47	3751.6	4329.08	3705.81	4269.65
t-134	3629.05	3459.93	3763.58	4313.52	3763.03	4302.44
t-135	3605.67	3487.71	3792.15	4311.39	3685.01	4276.14
t-136	3625.49	3496.17	3759.61	4284.97	3790.85	4319.09
t-137	3645.15	3480.83	3781.76	4280.01	3829.96	4304.82
t-138	3635.32	3442.5	3793.24	4280.25	3813	4337.51
t-139	3638.83	3409.17	3752.67	4268.23	3738.61	4375.17
t-140	3624.47	3487.61	3780.79	4311.31	3710.48	4348.81
t-141	3654.1	3514.62	3779.84	4271.46	3706.78	4335.93
t-142	3643.49	3501.72	3781.1	4251.51	3620.66	4317.28
t-143	3597.75	3433.91	3715.08	4256.84	3622.78	4312.37
t-144	3588.01	3346.06	3687.77	4236.29	3685.31	4313.44
t-145	3578.95	3379.54	3647.05	4262.56	3622.03	4351.28
t-146	3592.79	3454.12	3637.19	4225.02	3729.01	4332.08
t-147	3566.92	3517.27	3687.01	4180.16	3664.68	4318.59
t-148	3597.03	3548.65	3735.53	4226.89	3675.38	4333.64
t-149	3618.48	3535.73	3679.83	4200.91	3635.93	4327.87
t-150	3611.98	3569.14	3754.5	4244.62	3531.75	4350.42
t-151	3547.25	3564.94	3792.25	4217.52	3451.08	4314.27

Saham	AUTO	BCAP	BWPT	CLPI	CPIN	CTRP	EKAD	FORU
t-31	3730.58	4009.68	4180.16	4429.46	5214.98	3919.06	3814.93	4075.92
t-32	3727.8	3985.04	4226.89	4515.37	5145.68	3918.69	3813.87	4049.89
t-33	3685.94	4055.2	4200.91	4629.99	5078.68	3902.51	3849.3	3991.54
t-34	3700.05	4069.84	4244.62	4806.66	5089.88	3984.87	3819.62	3955.58
t-35	3707.49	4075.92	4217.52	4840.45	5081.94	3981.58	3808.93	3887.57
t-36	3678.67	4049.89	4244.71	4774.5	5054.63	4021.1	3804.93	3934.87
t-37	3640.98	3991.54	4223.89	4760.74	5105.94	3940.11	3774.87	3881.4
t-38	3591.51	3955.58	4255.28	4607.66	5089.33	3980.5	3788.54	3857.59
t-39	3602.86	3887.57	4257	4697.88	5042.79	4045.64	3801.08	3889.52
t-40	3607.11	3934.87	4170.64	4609.95	4991.87	4053.07	3794.76	3901.79
t-41	3611.64	3881.4	4174.1	4777.37	4925.48	4114.14	3732.65	3943.9
t-42	3556.23	3857.59	4155.36	4865.32	4994.05	4133.63	3727.07	3880.82
t-43	3517.72	3889.52	4160.66	5001.22	5060.92	4129.06	3730.51	3860.16
t-44	3518.85	3901.79	4143.68	5021.61	5034.07	4181.07	3707.98	3818.11
t-45	3494.07	3943.9	4102.86	4971.35	4999.75	4158.86	3734.41	3791.62
t-46	3484.21	3880.82	4075.35	5068.63	4978.51	4216.68	3719.23	3860.46
t-47	3531.48	3860.16	4105.25	5129.65	4994.52	4224	3745.84	3852.58
t-48	3524.48	3818.11	4117.95	5200.69	5011.61	4219.29	3741.81	3866.21
t-49	3569.84	3791.62	4060.33	5176.23	4975.33	4195.98	3730.58	3825.33
t-50	3542.23	3860.46	4025.58	5085.14	4996.92	4180.73	3727.8	3840.6
t-51	3587.65	3852.58	4093.17	5155.09	4998.46	4163.98	3685.94	3841.33
t-52	3598.68	3866.21	4142.85	5121.4	5012.64	4180.31	3700.05	3717.88
t-53	3580.31	3825.33	4145.88	5208	4998.65	4163.64	3707.49	3654.58
t-54	3561.72	3840.6	4145.4	5188.76	4894.59	4170.35	3678.67	3799.77
t-55	3542.9	3841.33	4162.66	5214.98	4937.21	4155.49	3640.98	3832.82
t-56	3494.54	3717.88	4160.51	5145.68	4924.26	4181.37	3591.51	3917.92
t-57	3486.2	3654.58	4141.99	5078.68	4877.48	4163.72	3602.86	3919.06
t-58	3512.62	3799.77	4121.56	5089.88	4899.59	4166.24	3607.11	3918.69
t-59	3470.35	3832.82	4102.53	5081.94	4897.52	4157.37	3611.64	3902.51
t-60	3443.53	3917.92	4141.56	5054.63	4926.07	4146.58	3556.23	3984.87
t-61	3439.13	3919.06	4131.17	5105.94	4922.61	4159.28	3517.72	3981.58
t-62	3474.12	3918.69	4090.71	5089.33	4981.47	4139.54	3518.85	4021.1
t-63	3451.1	3902.51	4085.58	5042.79	4957.25	4130.01	3494.07	3940.11
t-64	3497.64	3984.87	4105.5	4991.87	4937.58	4149.8	3484.21	3980.5
t-65	3501.5	3981.58	4099.81	4925.48	4940.99	4154.07	3531.48	4045.64
t-66	3434.38	4021.1	4093.11	4994.05	4928.1	4166.37	3524.48	4053.07
t-67	3416.78	3940.11	4130.46	5060.92	4842.52	4134.04	3569.84	4114.14
t-68	3416.77	3980.5	4142.34	5034.07	4777.9	4215.44	3542.23	4133.63
t-69	3391.77	4045.64	4099.12	4999.75	4723.16	4166.07	3587.65	4129.06
t-70	3373.64	4053.07	4084.21	4978.51	4802.67	4121.55	3598.68	4181.07
t-71	3417.47	4114.14	4004.78	4994.52	4831.5	4105.17	3580.31	4158.86
t-72	3459.93	4133.63	4000.84	5011.61	4822.63	4090.57	3561.72	4216.68
t-73	3487.71	4129.06	3992.11	4975.33	4802.83	4079.38	3542.9	4224
t-74	3496.17	4181.07	4009.79	4996.92	4819.32	4031.71	3494.54	4219.29
t-75	3480.83	4158.86	4081.2	4998.46	4786.37	4041.56	3486.2	4195.98
t-76	3442.5	4216.68	4096.2	5012.64	4835.44	4036.23	3512.62	4180.73
t-77	3409.17	4224	4081.64	4998.65	4854.31	4022.17	3470.35	4163.98
t-78	3487.61	4219.29	4080.67	4894.59	4874.5	4024.73	3443.53	4180.31
t-79	3514.62	4195.98	4047.47	4937.21	4848.3	4028.54	3439.13	4163.64
t-80	3501.72	4180.73	4019.67	4924.26	4824.68	4039.98	3474.12	4170.35
t-81	3433.91	4163.98	3984.12	4877.48	4751.7	4054.33	3451.1	4155.49
t-82	3346.06	4180.31	4019.13	4899.59	4811.61	4008.64	3497.64	4181.37
t-83	3379.54	4163.64	4009.68	4897.52	4795.79	3987.35	3501.5	4163.72
t-84	3454.12	4170.35	3985.04	4926.07	4716.42	3991.54	3434.38	4166.24
t-85	3517.27	4155.49	4055.2	4922.61	4663.03	3967.67	3416.78	4157.37
t-86	3548.65	4181.37	4069.84	4981.47	4696.11	3942.52	3416.77	4146.58
t-87	3535.73	4163.72	4075.92	4957.25	4651.12	3967.08	3391.77	4159.28
t-88	3569.14	4166.24	4049.89	4937.58	4632.4	3984.9	3373.64	4139.54
t-89	3564.94	4157.37	3991.54	4940.99	4634.45	4004.87	3417.47	4130.01
t-90	3554.77	4146.58	3955.58	4928.1	4626.99	3962.29	3459.93	4149.8
t-91	3455.13	4159.28	3887.57	4842.52	4612.05	3985.21	3487.71	4154.07
t-92	3478.55	4139.54	3934.87	4777.9	4609.79	3903.56	3496.17	4166.37
t-93	3631.45	4130.01	3881.4	4723.16	4571.57	3861.02	3480.83	4134.04

Saham	AUTO	BCAP	BWPT	CLPI	CPIN	CTRP	EKAD	FORU
t-94	3736.26	4149.8	3857.59	4802.67	4548.24	3894.56	3442.5	4215.44
t-95	3783.71	4154.07	3889.52	4831.5	4503.25	3958.81	3409.17	4166.07
t-96	3760.06	4166.37	3901.79	4822.63	4491.27	3995.02	3487.61	4121.55
t-97	3727.52	4134.04	3943.9	4802.83	4503.15	4002.95	3514.62	4105.17
t-98	3703.51	4215.44	3880.82	4819.32	4498.98	3976.54	3501.72	4090.57
t-99	3699.22	4166.07	3860.16	4786.37	4479.44	3927.61	3433.91	4079.38
t-100	3659.99	4121.55	3818.11	4835.44	4490.56	3953.04	3346.06	4031.71
t-101	3625.27	4105.17	3791.62	4854.31	4481.63	3952.82	3379.54	4041.56
t-102	3611.53	4090.57	3860.46	4874.5	4453.7	3961.9	3454.12	4036.23
t-103	3620.68	4079.38	3852.58	4848.3	4452.98	3912.39	3517.27	4022.17
t-104	3637.45	4031.71	3866.21	4824.68	4439.03	3978.99	3548.65	4024.73
t-105	3568.81	4041.56	3825.33	4751.7	4416.94	3988.7	3535.73	4028.54
t-106	3581.56	4036.23	3840.6	4811.61	4437.6	3955.45	3569.14	4039.98
t-107	3571.74	4022.17	3841.33	4795.79	4418.73	3974.79	3564.94	4054.33
t-108	3658.31	4024.73	3717.88	4716.42	4416.55	4015.95	3554.77	4008.64
t-109	3689.67	4028.54	3654.58	4663.03	4439.97	4016.9	3455.13	3987.35
t-110	3692.23	4039.98	3799.77	4696.11	4465.48	3964.98	3478.55	3991.54
t-111	3747.71	4054.33	3832.82	4651.12	4398.38	3941.69	3631.45	3967.67
t-112	3786.1	4008.64	3917.92	4632.4	4410.96	3915.16	3736.26	3942.52
t-113	3769.99	3987.35	3919.06	4634.45	4400.82	3986.41	3783.71	3967.08
t-114	3722.35	3991.54	3918.69	4626.99	4382.5	3983.43	3760.06	3984.9
t-115	3696.26	3967.67	3902.51	4612.05	4305.91	3963.6	3727.52	4004.87
t-116	3694.58	3942.52	3984.87	4609.79	4317.37	3994.58	3703.51	3962.29
t-117	3619.09	3967.08	3981.58	4571.57	4362.93	3986.51	3699.22	3985.21
t-118	3531.21	3984.9	4021.1	4548.24	4392.38	4001.07	3659.99	3903.56
t-119	3630.64	4004.87	3940.11	4503.25	4410.02	3978.13	3625.27	3861.02
t-120	3642.5	3962.29	3980.5	4491.27	4399.26	3954.75	3611.53	3894.56
t-121	3702.01	3985.21	4045.64	4503.15	4346.48	3909.69	3620.68	3958.81
t-122	3658.78	3903.56	4053.07	4498.98	4316.69	3935.33	3637.45	3995.02
t-123	3678.19	3861.02	4114.14	4479.44	4281.86	3909.5	3568.81	4002.95
t-124	3741.23	3894.56	4133.63	4490.56	4275.09	3909.64	3581.56	3976.54
t-125	3725.05	3958.81	4129.06	4481.63	4250.21	3938.84	3571.74	3927.61
t-126	3677.9	3995.02	4181.07	4453.7	4254.82	3889.07	3658.31	3953.04
t-127	3674.03	4002.95	4158.86	4452.98	4275.86	3869.42	3689.67	3952.82
t-128	3656.46	3976.54	4216.68	4439.03	4301.44	3906.26	3692.23	3961.9
t-129	3665.85	3927.61	4224	4416.94	4315.86	3907.42	3747.71	3912.39
t-130	3744.62	3953.04	4219.29	4437.6	4308.86	3857.88	3786.1	3978.99
t-131	3756.97	3952.82	4195.98	4418.73	4320.19	3821.99	3769.99	3988.7
t-132	3737.48	3961.9	4180.73	4416.55	4337.53	3808.77	3722.35	3955.45
t-133	3699.26	3912.39	4163.98	4439.97	4317.92	3769.21	3696.26	3974.79
t-134	3655.3	3978.99	4180.31	4465.48	4302.61	3789.43	3694.58	4015.95
t-135	3629.05	3988.7	4163.64	4398.38	4290.8	3797.15	3619.09	4016.9
t-136	3605.67	3955.45	4170.35	4410.96	4292.6	3795.44	3531.21	3964.98
t-137	3625.49	3974.79	4155.49	4400.82	4286.84	3794.27	3630.64	3941.69
t-138	3645.15	4015.95	4181.37	4382.5	4269.65	3752.34	3642.5	3915.16
t-139	3635.32	4016.9	4163.72	4305.91	4302.44	3770.29	3702.01	3986.41
t-140	3638.83	3964.98	4166.24	4317.37	4276.14	3768.35	3658.78	3983.43
t-141	3624.47	3941.69	4157.37	4362.93	4319.09	3701.54	3678.19	3963.6
t-142	3654.1	3915.16	4146.58	4392.38	4304.82	3751.6	3741.23	3994.58
t-143	3643.49	3986.41	4159.28	4410.02	4337.51	3763.58	3725.05	3986.51
t-144	3597.75	3983.43	4139.54	4399.26	4375.17	3792.15	3677.9	4001.07
t-145	3588.01	3963.6	4130.01	4346.48	4348.81	3759.61	3674.03	3978.13
t-146	3578.95	3994.58	4149.8	4316.69	4335.93	3781.76	3656.46	3954.75
t-147	3592.79	3986.51	4154.07	4281.86	4317.28	3793.24	3665.85	3909.69
t-148	3566.92	4001.07	4166.37	4275.09	4312.37	3752.67	3744.62	3935.33
t-149	3597.03	3978.13	4134.04	4250.21	4313.44	3780.79	3756.97	3909.5
t-150	3618.48	3954.75	4215.44	4254.82	4351.28	3779.84	3737.48	3909.64
t-151	3611.98	3909.69	4166.07	4275.86	4332.08	3781.1	3699.26	3938.84

Saham	GGRM	GJTL	INDF	INTP	JKON	JPFA	KLBF
t-31	3818.11	5121.4	3748.76	3814.93	4219.29	3799.23	3808.71
t-32	3791.62	5208	3787.65	3813.87	4195.98	3832.02	3838.14
t-33	3860.46	5188.76	3806.19	3849.3	4180.73	3808.71	3800.52
t-34	3852.58	5214.98	3825.82	3819.62	4163.98	3838.14	3785.45
t-35	3866.21	5145.68	3842.95	3808.93	4180.31	3800.52	3798.55
t-36	3825.33	5078.68	3834.2	3804.93	4163.64	3785.45	3816.27
t-37	3840.6	5089.88	3844.02	3774.87	4170.35	3798.55	3814.93
t-38	3841.33	5081.94	3837.76	3788.54	4155.49	3816.27	3813.87
t-39	3717.88	5054.63	3836.97	3801.08	4181.37	3814.93	3849.3
t-40	3654.58	5105.94	3826.14	3794.76	4163.72	3813.87	3819.62
t-41	3799.77	5089.33	3832.43	3732.65	4166.24	3849.3	3808.93
t-42	3832.82	5042.79	3814.82	3727.07	4157.37	3819.62	3804.93
t-43	3917.92	4991.87	3780.16	3730.51	4146.58	3808.93	3774.87
t-44	3919.06	4925.48	3785.94	3707.98	4159.28	3804.93	3788.54
t-45	3918.69	4994.05	3778.45	3734.41	4139.54	3774.87	3801.08
t-46	3902.51	5060.92	3872.95	3719.23	4130.01	3788.54	3794.76
t-47	3984.87	5034.07	3859.81	3745.84	4149.8	3801.08	3732.65
t-48	3981.58	4999.75	3840.21	3741.81	4154.07	3794.76	3727.07
t-49	4021.1	4978.51	3799.23	3730.58	4166.37	3732.65	3730.51
t-50	3940.11	4994.52	3832.02	3727.8	4134.04	3727.07	3707.98
t-51	3980.5	5011.61	3808.71	3685.94	4215.44	3730.51	3734.41
t-52	4045.64	4975.33	3838.14	3700.05	4166.07	3707.98	3719.23
t-53	4053.07	4996.92	3800.52	3707.49	4121.55	3734.41	3745.84
t-54	4114.14	4998.46	3785.45	3678.67	4105.17	3719.23	3741.81
t-55	4133.63	5012.64	3798.55	3640.98	4090.57	3745.84	3730.58
t-56	4129.06	4998.65	3816.27	3591.51	4079.38	3741.81	3727.8
t-57	4181.07	4894.59	3814.93	3602.86	4031.71	3730.58	3685.94
t-58	4158.86	4937.21	3813.87	3607.11	4041.56	3727.8	3700.05
t-59	4216.68	4924.26	3849.3	3611.64	4036.23	3685.94	3707.49
t-60	4224	4877.48	3819.62	3556.23	4022.17	3700.05	3678.67
t-61	4219.29	4899.59	3808.93	3517.72	4024.73	3707.49	3640.98
t-62	4195.98	4897.52	3804.93	3518.85	4028.54	3678.67	3591.51
t-63	4180.73	4926.07	3774.87	3494.07	4039.98	3640.98	3602.86
t-64	4163.98	4922.61	3788.54	3484.21	4054.33	3591.51	3607.11
t-65	4180.31	4981.47	3801.08	3531.48	4008.64	3602.86	3611.64
t-66	4163.64	4957.25	3794.76	3524.48	3987.35	3607.11	3556.23
t-67	4170.35	4937.58	3732.65	3569.84	3991.54	3611.64	3517.72
t-68	4155.49	4940.99	3727.07	3542.23	3967.67	3556.23	3518.85
t-69	4181.37	4928.1	3730.51	3587.65	3942.52	3517.72	3494.07
t-70	4163.72	4842.52	3707.98	3598.68	3967.08	3518.85	3484.21
t-71	4166.24	4777.9	3734.41	3580.31	3984.9	3494.07	3531.48
t-72	4157.37	4723.16	3719.23	3561.72	4004.87	3484.21	3524.48
t-73	4146.58	4802.67	3745.84	3542.9	3962.29	3531.48	3569.84
t-74	4159.28	4831.5	3741.81	3494.54	3985.21	3524.48	3542.23
t-75	4139.54	4822.63	3730.58	3486.2	3903.56	3569.84	3587.65
t-76	4130.01	4802.83	3727.8	3512.62	3861.02	3542.23	3598.68
t-77	4149.8	4819.32	3685.94	3470.35	3894.56	3587.65	3580.31
t-78	4154.07	4786.37	3700.05	3443.53	3958.81	3598.68	3561.72
t-79	4166.37	4835.44	3707.49	3439.13	3995.02	3580.31	3542.9
t-80	4134.04	4854.31	3678.67	3474.12	4002.95	3561.72	3494.54
t-81	4215.44	4874.5	3640.98	3451.1	3976.54	3542.9	3486.2
t-82	4166.07	4848.3	3591.51	3497.64	3927.61	3494.54	3512.62
t-83	4121.55	4824.68	3602.86	3501.5	3953.04	3486.2	3470.35
t-84	4105.17	4751.7	3607.11	3434.38	3952.82	3512.62	3443.53
t-85	4090.57	4811.61	3611.64	3416.78	3961.9	3470.35	3439.13
t-86	4079.38	4795.79	3556.23	3416.77	3912.39	3443.53	3474.12
t-87	4031.71	4716.42	3517.72	3391.77	3978.99	3439.13	3451.1
t-88	4041.56	4663.03	3518.85	3373.64	3988.7	3474.12	3497.64
t-89	4036.23	4696.11	3494.07	3417.47	3955.45	3451.1	3501.5
t-90	4022.17	4651.12	3484.21	3459.93	3974.79	3497.64	3434.38
t-91	4024.73	4632.4	3531.48	3487.71	4015.95	3501.5	3416.78
t-92	4028.54	4634.45	3524.48	3496.17	4016.9	3434.38	3416.77
t-93	4039.98	4626.99	3569.84	3480.83	3964.98	3416.78	3391.77

Saham	GGRM	GJTL	INDF	INTP	JKON	JPFA	KLBF
t-94	4054.33	4612.05	3542.23	3442.5	3941.69	3416.77	3373.64
t-95	4008.64	4609.79	3587.65	3409.17	3915.16	3391.77	3417.47
t-96	3987.35	4571.57	3598.68	3487.61	3986.41	3373.64	3459.93
t-97	3991.54	4548.24	3580.31	3514.62	3983.43	3417.47	3487.71
t-98	3967.67	4503.25	3561.72	3501.72	3963.6	3459.93	3496.17
t-99	3942.52	4491.27	3542.9	3433.91	3994.58	3487.71	3480.83
t-100	3967.08	4503.15	3494.54	3346.06	3986.51	3496.17	3442.5
t-101	3984.9	4498.98	3486.2	3379.54	4001.07	3480.83	3409.17
t-102	4004.87	4479.44	3512.62	3454.12	3978.13	3442.5	3487.61
t-103	3962.29	4490.56	3470.35	3517.27	3954.75	3409.17	3514.62
t-104	3985.21	4481.63	3443.53	3548.65	3909.69	3487.61	3501.72
t-105	3903.56	4453.7	3439.13	3535.73	3935.33	3514.62	3433.91
t-106	3861.02	4452.98	3474.12	3569.14	3909.5	3501.72	3346.06
t-107	3894.56	4439.03	3451.1	3564.94	3909.64	3433.91	3379.54
t-108	3958.81	4416.94	3497.64	3554.77	3938.84	3346.06	3454.12
t-109	3995.02	4437.6	3501.5	3455.13	3889.07	3379.54	3517.27
t-110	4002.95	4418.73	3434.38	3478.55	3869.42	3454.12	3548.65
t-111	3976.54	4416.55	3416.78	3631.45	3906.26	3517.27	3535.73
t-112	3927.61	4439.97	3416.77	3736.26	3907.42	3548.65	3569.14
t-113	3953.04	4465.48	3391.77	3783.71	3857.88	3535.73	3564.94
t-114	3952.82	4398.38	3373.64	3760.06	3821.99	3569.14	3554.77
t-115	3961.9	4410.96	3417.47	3727.52	3808.77	3564.94	3455.13
t-116	3912.39	4400.82	3459.93	3703.51	3769.21	3554.77	3478.55
t-117	3978.99	4382.5	3487.71	3699.22	3789.43	3455.13	3631.45
t-118	3988.7	4305.91	3496.17	3659.99	3797.15	3478.55	3736.26
t-119	3955.45	4317.37	3480.83	3625.27	3795.44	3631.45	3783.71
t-120	3974.79	4362.93	3442.5	3611.53	3794.27	3736.26	3760.06
t-121	4015.95	4392.38	3409.17	3620.68	3752.34	3783.71	3727.52
t-122	4016.9	4410.02	3487.61	3637.45	3770.29	3760.06	3703.51
t-123	3964.98	4399.26	3514.62	3568.81	3768.35	3727.52	3699.22
t-124	3941.69	4346.48	3501.72	3581.56	3701.54	3703.51	3659.99
t-125	3915.16	4316.69	3433.91	3571.74	3751.6	3699.22	3625.27
t-126	3986.41	4281.86	3346.06	3658.31	3763.58	3659.99	3611.53
t-127	3983.43	4275.09	3379.54	3689.67	3792.15	3625.27	3620.68
t-128	3963.6	4250.21	3454.12	3692.23	3759.61	3611.53	3637.45
t-129	3994.58	4254.82	3517.27	3747.71	3781.76	3620.68	3568.81
t-130	3986.51	4275.86	3548.65	3786.1	3793.24	3637.45	3581.56
t-131	4001.07	4301.44	3535.73	3769.99	3752.67	3568.81	3571.74
t-132	3978.13	4315.86	3569.14	3722.35	3780.79	3581.56	3658.31
t-133	3954.75	4308.86	3564.94	3696.26	3779.84	3571.74	3689.67
t-134	3909.69	4320.19	3554.77	3694.58	3781.1	3658.31	3692.23
t-135	3935.33	4337.53	3455.13	3619.09	3715.08	3689.67	3747.71
t-136	3909.5	4317.92	3478.55	3531.21	3687.77	3692.23	3786.1
t-137	3909.64	4302.61	3631.45	3630.64	3647.05	3747.71	3769.99
t-138	3938.84	4290.8	3736.26	3642.5	3637.19	3786.1	3722.35
t-139	3889.07	4292.6	3783.71	3702.01	3687.01	3769.99	3696.26
t-140	3869.42	4286.84	3760.06	3658.78	3735.53	3722.35	3694.58
t-141	3906.26	4269.65	3727.52	3678.19	3679.83	3696.26	3619.09
t-142	3907.42	4302.44	3703.51	3741.23	3754.5	3694.58	3531.21
t-143	3857.88	4276.14	3699.22	3725.05	3792.25	3619.09	3630.64
t-144	3821.99	4319.09	3659.99	3677.9	3814.09	3531.21	3642.5
t-145	3808.77	4304.82	3625.27	3674.03	3813.84	3630.64	3702.01
t-146	3769.21	4337.51	3611.53	3656.46	3833.04	3642.5	3658.78
t-147	3789.43	4375.17	3620.68	3665.85	3778.89	3702.01	3678.19
t-148	3797.15	4348.81	3637.45	3744.62	3783.88	3658.78	3741.23
t-149	3795.44	4335.93	3568.81	3756.97	3857.36	3678.19	3725.05
t-150	3794.27	4317.28	3581.56	3737.48	3805.65	3741.23	3677.9
t-151	3752.34	4312.37	3571.74	3699.26	3778.24	3725.05	3674.03

Saham	LPGI	MICE	MLPL	MPPA	PGAS	PTPP
t-31	3640.98	4087.09	3454.12	3454.12	4726.17	3785.94
t-32	3591.51	4106.82	3517.27	3517.27	4684.38	3778.45
t-33	3602.86	4068.07	3548.65	3548.65	4704.21	3872.95
t-34	3607.11	4050.63	3535.73	3535.73	4677.25	3859.81
t-35	3611.64	4023.42	3569.14	3569.14	4685.89	3840.21
t-36	3556.23	4032.97	3564.94	3564.94	4687.86	3799.23
t-37	3517.72	4023.2	3554.77	3554.77	4659.17	3832.02
t-38	3518.85	3997.64	3455.13	3455.13	4601.28	3808.71
t-39	3494.07	3980.84	3478.55	3478.55	4584.21	3838.14
t-40	3484.21	3938.01	3631.45	3631.45	4620.22	3800.52
t-41	3531.48	3995.59	3736.26	3736.26	4568.94	3785.45
t-42	3524.48	4003.69	3783.71	3783.71	4532.72	3798.55
t-43	3569.84	3939.47	3760.06	3760.06	4577.29	3816.27
t-44	3542.23	3908.96	3727.52	3727.52	4623.57	3814.93
t-45	3587.65	3924.13	3703.51	3703.51	4646.15	3813.87
t-46	3598.68	3953.52	3699.22	3699.22	4598.22	3849.3
t-47	3580.31	3927.1	3659.99	3659.99	4592.65	3819.62
t-48	3561.72	3888.57	3625.27	3625.27	4556.19	3808.93
t-49	3542.9	3830.27	3611.53	3611.53	4555.37	3804.93
t-50	3494.54	3813.43	3620.68	3620.68	4508.04	3774.87
t-51	3486.2	3848.56	3637.45	3637.45	4491.66	3788.54
t-52	3512.62	3823.65	3568.81	3568.81	4496.29	3801.08
t-53	3470.35	3821.83	3581.56	3581.56	4470.19	3794.76
t-54	3443.53	3794.94	3571.74	3571.74	4450.75	3732.65
t-55	3439.13	3729.12	3658.31	3658.31	4466.67	3727.07
t-56	3474.12	3721.38	3689.67	3689.67	4424.71	3730.51
t-57	3451.1	3740.47	3692.23	3692.23	4384.31	3707.98
t-58	3497.64	3794.25	3747.71	3747.71	4352.26	3734.41
t-59	3501.5	3773.27	3786.1	3786.1	4386.26	3719.23
t-60	3434.38	3748.76	3769.99	3769.99	4418.76	3745.84
t-61	3416.78	3787.65	3722.35	3722.35	4417.35	3741.81
t-62	3416.77	3806.19	3696.26	3696.26	4341.65	3730.58
t-63	3391.77	3825.82	3694.58	3694.58	4322.78	3727.8
t-64	3373.64	3842.95	3619.09	3619.09	4437.34	3685.94
t-65	3417.47	3834.2	3531.21	3531.21	4496.04	3700.05
t-66	3459.93	3844.02	3630.64	3630.64	4477.49	3707.49
t-67	3487.71	3837.76	3642.5	3642.5	4452.5	3678.67
t-68	3496.17	3836.97	3702.01	3702.01	4431.57	3640.98
t-69	3480.83	3826.14	3658.78	3658.78	4412.23	3591.51
t-70	3442.5	3832.43	3678.19	3678.19	4412.49	3602.86
t-71	3409.17	3814.82	3741.23	3741.23	4441.59	3607.11
t-72	3487.61	3780.16	3725.05	3725.05	4390.77	3611.64
t-73	3514.62	3785.94	3677.9	3677.9	4254.97	3556.23
t-74	3501.72	3778.45	3674.03	3674.03	4201.22	3517.72
t-75	3433.91	3872.95	3656.46	3656.46	4200.59	3518.85
t-76	3346.06	3859.81	3665.85	3665.85	4175.81	3494.07
t-77	3379.54	3840.21	3744.62	3744.62	4202.81	3484.21
t-78	3454.12	3799.23	3756.97	3756.97	4257.66	3531.48
t-79	3517.27	3832.02	3737.48	3737.48	4327.27	3524.48
t-80	3548.65	3808.71	3699.26	3699.26	4274.18	3569.84
t-81	3535.73	3838.14	3655.3	3655.3	4212.98	3542.23
t-82	3569.14	3800.52	3629.05	3629.05	4202.83	3587.65
t-83	3564.94	3785.45	3605.67	3605.67	4189.61	3598.68
t-84	3554.77	3798.55	3625.49	3625.49	4195.56	3580.31
t-85	3455.13	3816.27	3645.15	3645.15	4231.98	3561.72
t-86	3478.55	3814.93	3635.32	3635.32	4196.28	3542.9
t-87	3631.45	3813.87	3638.83	3638.83	4182.35	3494.54
t-88	3736.26	3849.3	3624.47	3624.47	4125.96	3486.2
t-89	3783.71	3819.62	3654.1	3654.1	4174.83	3512.62
t-90	3760.06	3808.93	3643.49	3643.49	4212.22	3470.35
t-91	3727.52	3804.93	3597.75	3597.75	4271.74	3443.53
t-92	3703.51	3774.87	3588.01	3588.01	4275.68	3439.13
t-93	3699.22	3788.54	3578.95	3578.95	4214.34	3474.12

Saham	LPGI	MICE	MLPL	MPPA	PGAS	PTPP
t-94	3659.99	3801.08	3592.79	3592.79	4180.79	3451.1
t-95	3625.27	3794.76	3566.92	3566.92	4216.89	3497.64
t-96	3611.53	3732.65	3597.03	3597.03	4241.3	3501.5
t-97	3620.68	3727.07	3618.48	3618.48	4288.76	3434.38
t-98	3637.45	3730.51	3611.98	3611.98	4321.98	3416.78
t-99	3568.81	3707.98	3547.25	3547.25	4256.44	3416.77
t-100	3581.56	3734.41	3548.75	3548.75	4233.92	3391.77
t-101	3571.74	3719.23	3546.95	3546.95	4251.49	3373.64
t-102	3658.31	3745.84	3586.19	3586.19	4235.26	3417.47
t-103	3689.67	3741.81	3603.4	3603.4	4334.8	3459.93
t-104	3692.23	3730.58	3591.7	3591.7	4317.96	3487.71
t-105	3747.71	3727.8	3569.5	3569.5	4326.21	3496.17
t-106	3786.1	3685.94	3547.11	3547.11	4350.79	3480.83
t-107	3769.99	3700.05	3501.3	3501.3	4398.34	3442.5
t-108	3722.35	3707.49	3495.46	3495.46	4393.59	3409.17
t-109	3696.26	3678.67	3472.71	3472.71	4335.45	3487.61
t-110	3694.58	3640.98	3468.04	3468.04	4367.37	3514.62
t-111	3619.09	3591.51	3397.63	3397.63	4301.89	3501.72
t-112	3531.21	3602.86	3337.2	3337.2	4380.64	3433.91
t-113	3630.64	3607.11	3343.34	3343.34	4441.72	3346.06
t-114	3642.5	3611.64	3365.04	3365.04	4476.72	3379.54
t-115	3702.01	3556.23	3370.98	3370.98	4486.11	3454.12
t-116	3658.78	3517.72	3384.65	3384.65	4449.76	3517.27
t-117	3678.19	3518.85	3341.63	3341.63	4423.29	3548.65
t-118	3741.23	3494.07	3357.03	3357.03	4432.59	3535.73
t-119	3725.05	3484.21	3230.89	3230.89	4510.63	3569.14
t-120	3677.9	3531.48	3217.15	3217.15	4574.88	3564.94
t-121	3674.03	3524.48	3164.28	3164.28	4562.77	3554.77
t-122	3656.46	3569.84	3122.15	3122.15	4590.54	3455.13
t-123	3665.85	3542.23	3135.32	3135.32	4580.85	3478.55
t-124	3744.62	3587.65	3081.88	3081.88	4594.85	3631.45
t-125	3756.97	3598.68	3099.56	3099.56	4546.5	3736.26
t-126	3737.48	3580.31	3104.73	3104.73	4512.74	3783.71
t-127	3699.26	3561.72	3145.14	3145.14	4578.18	3760.06
t-128	3655.3	3542.9	3138.91	3138.91	4546.57	3727.52
t-129	3629.05	3494.54	3114.94	3114.94	4518.93	3703.51
t-130	3605.67	3486.2	3128.73	3128.73	4492.26	3699.22
t-131	3625.49	3512.62	3117.72	3117.72	4519.91	3659.99
t-132	3645.15	3470.35	3105.35	3105.35	4486.68	3625.27
t-133	3635.32	3443.53	3072.09	3072.09	4457.44	3611.53
t-134	3638.83	3439.13	3052.6	3052.6	4432.51	3620.68
t-135	3624.47	3474.12	3053.01	3053.01	4374.96	3637.45
t-136	3654.1	3451.1	3025.64	3025.64	4389.35	3568.81
t-137	3643.49	3497.64	3035.32	3035.32	4418.64	3581.56
t-138	3597.75	3501.5	3057.16	3057.16	4387.6	3571.74
t-139	3588.01	3434.38	3082.6	3082.6	4345.9	3658.31
t-140	3578.95	3416.78	3060.59	3060.59	4316.18	3689.67
t-141	3592.79	3416.77	3044.94	3044.94	4423.72	3692.23
t-142	3566.92	3391.77	2983.25	2983.25	4405.89	3747.71
t-143	3597.03	3373.64	2973.66	2973.66	4406.77	3786.1
t-144	3618.48	3417.47	3058.98	3058.98	4460.41	3769.99
t-145	3611.98	3459.93	3069.28	3069.28	4562.86	3722.35
t-146	3547.25	3487.71	3096.82	3096.82	4583.83	3696.26
t-147	3548.75	3496.17	3057.48	3057.48	4670.73	3694.58
t-148	3546.95	3480.83	3041.68	3041.68	4463.25	3619.09
t-149	3586.19	3442.5	3023.7	3023.7	4517.62	3531.21
t-150	3603.4	3409.17	3042.02	3042.02	4522.24	3630.64
t-151	3591.7	3487.61	3009.92	3009.92	4375.54	3642.5

Saham	RALS	SCMA	SGRO	SMAR	SMGR	SMRA	SMSM
t-31	3814.93	3808.71	3799.23	3785.94	4726.17	3832.02	4432.51
t-32	3813.87	3838.14	3832.02	3778.45	4684.38	3808.71	4374.96
t-33	3849.3	3800.52	3808.71	3872.95	4704.21	3838.14	4389.35
t-34	3819.62	3785.45	3838.14	3859.81	4677.25	3800.52	4418.64
t-35	3808.93	3798.55	3800.52	3840.21	4685.89	3785.45	4387.6
t-36	3804.93	3816.27	3785.45	3799.23	4687.86	3798.55	4345.9
t-37	3774.87	3814.93	3798.55	3832.02	4659.17	3816.27	4316.18
t-38	3788.54	3813.87	3816.27	3808.71	4601.28	3814.93	4423.72
t-39	3801.08	3849.3	3814.93	3838.14	4584.21	3813.87	4405.89
t-40	3794.76	3819.62	3813.87	3800.52	4620.22	3849.3	4406.77
t-41	3732.65	3808.93	3849.3	3785.45	4568.94	3819.62	4460.41
t-42	3727.07	3804.93	3819.62	3798.55	4532.72	3808.93	4562.86
t-43	3730.51	3774.87	3808.93	3816.27	4577.29	3804.93	4583.83
t-44	3707.98	3788.54	3804.93	3814.93	4623.57	3774.87	4670.73
t-45	3734.41	3801.08	3774.87	3813.87	4646.15	3788.54	4463.25
t-46	3719.23	3794.76	3788.54	3849.3	4598.22	3801.08	4517.62
t-47	3745.84	3732.65	3801.08	3819.62	4592.65	3794.76	4522.24
t-48	3741.81	3727.07	3794.76	3808.93	4556.19	3732.65	4375.54
t-49	3730.58	3730.51	3732.65	3804.93	4555.37	3727.07	4356.6
t-50	3727.8	3707.98	3727.07	3774.87	4508.04	3730.51	4349.42
t-51	3685.94	3734.41	3730.51	3788.54	4491.66	3707.98	4358.14
t-52	3700.05	3719.23	3707.98	3801.08	4496.29	3734.41	4191.26
t-53	3707.49	3745.84	3734.41	3794.76	4470.19	3719.23	4072.35
t-54	3678.67	3741.81	3719.23	3732.65	4450.75	3745.84	4050.86
t-55	3640.98	3730.58	3745.84	3727.07	4466.67	3741.81	4073.46
t-56	3591.51	3727.8	3741.81	3730.51	4424.71	3730.58	4164.01
t-57	3602.86	3685.94	3730.58	3707.98	4384.31	3727.8	4101.23
t-58	3607.11	3700.05	3727.8	3734.41	4352.26	3685.94	4195.09
t-59	3611.64	3707.49	3685.94	3719.23	4386.26	3700.05	4103.59
t-60	3556.23	3678.67	3700.05	3745.84	4418.76	3707.49	4026.48
t-61	3517.72	3640.98	3707.49	3741.81	4417.35	3678.67	3967.84
t-62	3518.85	3591.51	3678.67	3730.58	4341.65	3640.98	4120.67
t-63	3494.07	3602.86	3640.98	3727.8	4322.78	3591.51	4169.83
t-64	3484.21	3607.11	3591.51	3685.94	4437.34	3602.86	4171.41
t-65	3531.48	3611.64	3602.86	3700.05	4496.04	3607.11	4218.45
t-66	3524.48	3556.23	3607.11	3707.49	4477.49	3611.64	4174.98
t-67	3569.84	3517.72	3611.64	3678.67	4452.5	3556.23	4313.52
t-68	3542.23	3518.85	3556.23	3640.98	4431.57	3517.72	4568.65
t-69	3587.65	3494.07	3517.72	3591.51	4412.23	3518.85	4685.13
t-70	3598.68	3484.21	3518.85	3602.86	4412.49	3494.07	4699.73
t-71	3580.31	3531.48	3494.07	3607.11	4441.59	3484.21	4652.4
t-72	3561.72	3524.48	3484.21	3611.64	4390.77	3531.48	4597.78
t-73	3542.9	3569.84	3531.48	3556.23	4254.97	3524.48	4718.1
t-74	3494.54	3542.23	3524.48	3517.72	4201.22	3569.84	4640.78
t-75	3486.2	3587.65	3569.84	3518.85	4200.59	3542.23	4624.34
t-76	3512.62	3598.68	3542.23	3494.07	4175.81	3587.65	4610.38
t-77	3470.35	3580.31	3587.65	3484.21	4202.81	3598.68	4608.49
t-78	3443.53	3561.72	3598.68	3531.48	4257.66	3580.31	4580.47
t-79	3439.13	3542.9	3580.31	3524.48	4327.27	3561.72	4658.87
t-80	3474.12	3494.54	3561.72	3569.84	4274.18	3542.9	4674.12
t-81	3451.1	3486.2	3542.9	3542.23	4212.98	3494.54	4718.1
t-82	3497.64	3512.62	3494.54	3587.65	4202.83	3486.2	4767.16
t-83	3501.5	3470.35	3486.2	3598.68	4189.61	3512.62	4678.98
t-84	3434.38	3443.53	3512.62	3580.31	4195.56	3470.35	4724.41
t-85	3416.78	3439.13	3470.35	3561.72	4231.98	3443.53	4720.44
t-86	3416.77	3474.12	3443.53	3542.9	4196.28	3439.13	4679
t-87	3391.77	3451.1	3439.13	3494.54	4182.35	3474.12	4644.04
t-88	3373.64	3497.64	3474.12	3486.2	4125.96	3451.1	4635.73
t-89	3417.47	3501.5	3451.1	3512.62	4174.83	3497.64	4633.11
t-90	3459.93	3434.38	3497.64	3470.35	4212.22	3501.5	4478.64
t-91	3487.71	3416.78	3501.5	3443.53	4271.74	3434.38	4403.8
t-92	3496.17	3416.77	3434.38	3439.13	4275.68	3416.78	4433.63
t-93	3480.83	3391.77	3416.78	3474.12	4214.34	3416.77	4602.81

Saham	RALS	SCMA	SGRO	SMAR	SMGR	SMRA	SMSM
t-94	3442.5	3373.64	3416.77	3451.1	4180.79	3391.77	4581.93
t-95	3409.17	3417.47	3391.77	3497.64	4216.89	3373.64	4577.15
t-96	3487.61	3459.93	3373.64	3501.5	4241.3	3417.47	4728.7
t-97	3514.62	3487.71	3417.47	3434.38	4288.76	3459.93	4777.45
t-98	3501.72	3496.17	3459.93	3416.78	4321.98	3487.71	4818.9
t-99	3433.91	3480.83	3487.71	3416.77	4256.44	3496.17	4675.75
t-100	3346.06	3442.5	3496.17	3391.77	4233.92	3480.83	4587.73
t-101	3379.54	3409.17	3480.83	3373.64	4251.49	3442.5	4418.87
t-102	3454.12	3487.61	3442.5	3417.47	4235.26	3409.17	4429.46
t-103	3517.27	3514.62	3409.17	3459.93	4334.8	3487.61	4515.37
t-104	3548.65	3501.72	3487.61	3487.71	4317.96	3514.62	4629.99
t-105	3535.73	3433.91	3514.62	3496.17	4326.21	3501.72	4806.66
t-106	3569.14	3346.06	3501.72	3480.83	4350.79	3433.91	4840.45
t-107	3564.94	3379.54	3433.91	3442.5	4398.34	3346.06	4774.5
t-108	3554.77	3454.12	3346.06	3409.17	4393.59	3379.54	4760.74
t-109	3455.13	3517.27	3379.54	3487.61	4335.45	3454.12	4607.66
t-110	3478.55	3548.65	3454.12	3514.62	4367.37	3517.27	4697.88
t-111	3631.45	3535.73	3517.27	3501.72	4301.89	3548.65	4609.95
t-112	3736.26	3569.14	3548.65	3433.91	4380.64	3535.73	4777.37
t-113	3783.71	3564.94	3535.73	3346.06	4441.72	3569.14	4865.32
t-114	3760.06	3554.77	3569.14	3379.54	4476.72	3564.94	5001.22
t-115	3727.52	3455.13	3564.94	3454.12	4486.11	3554.77	5021.61
t-116	3703.51	3478.55	3554.77	3517.27	4449.76	3455.13	4971.35
t-117	3699.22	3631.45	3455.13	3548.65	4423.29	3478.55	5068.63
t-118	3659.99	3736.26	3478.55	3535.73	4432.59	3631.45	5129.65
t-119	3625.27	3783.71	3631.45	3569.14	4510.63	3736.26	5200.69
t-120	3611.53	3760.06	3736.26	3564.94	4574.88	3783.71	5176.23
t-121	3620.68	3727.52	3783.71	3554.77	4562.77	3760.06	5085.14
t-122	3637.45	3703.51	3760.06	3455.13	4590.54	3727.52	5155.09
t-123	3568.81	3699.22	3727.52	3478.55	4580.85	3703.51	5121.4
t-124	3581.56	3659.99	3703.51	3631.45	4594.85	3699.22	5208
t-125	3571.74	3625.27	3699.22	3736.26	4546.5	3659.99	5188.76
t-126	3658.31	3611.53	3659.99	3783.71	4512.74	3625.27	5214.98
t-127	3689.67	3620.68	3625.27	3760.06	4578.18	3611.53	5145.68
t-128	3692.23	3637.45	3611.53	3727.52	4546.57	3620.68	5078.68
t-129	3747.71	3568.81	3620.68	3703.51	4518.93	3637.45	5089.88
t-130	3786.1	3581.56	3637.45	3699.22	4492.26	3568.81	5081.94
t-131	3769.99	3571.74	3568.81	3659.99	4519.91	3581.56	5054.63
t-132	3722.35	3658.31	3581.56	3625.27	4486.68	3571.74	5105.94
t-133	3696.26	3689.67	3571.74	3611.53	4457.44	3658.31	5089.33
t-134	3694.58	3692.23	3658.31	3620.68	4432.51	3689.67	5042.79
t-135	3619.09	3747.71	3689.67	3637.45	4374.96	3692.23	4991.87
t-136	3531.21	3786.1	3692.23	3568.81	4389.35	3747.71	4925.48
t-137	3630.64	3769.99	3747.71	3581.56	4418.64	3786.1	4994.05
t-138	3642.5	3722.35	3786.1	3571.74	4387.6	3769.99	5060.92
t-139	3702.01	3696.26	3769.99	3658.31	4345.9	3722.35	5034.07
t-140	3658.78	3694.58	3722.35	3689.67	4316.18	3696.26	4999.75
t-141	3678.19	3619.09	3696.26	3692.23	4423.72	3694.58	4978.51
t-142	3741.23	3531.21	3694.58	3747.71	4405.89	3619.09	4994.52
t-143	3725.05	3630.64	3619.09	3786.1	4406.77	3531.21	5011.61
t-144	3677.9	3642.5	3531.21	3769.99	4460.41	3630.64	4975.33
t-145	3674.03	3702.01	3630.64	3722.35	4562.86	3642.5	4996.92
t-146	3656.46	3658.78	3642.5	3696.26	4583.83	3702.01	4998.46
t-147	3665.85	3678.19	3702.01	3694.58	4670.73	3658.78	5012.64
t-148	3744.62	3741.23	3658.78	3619.09	4463.25	3678.19	4998.65
t-149	3756.97	3725.05	3678.19	3531.21	4517.62	3741.23	4894.59
t-150	3737.48	3677.9	3741.23	3630.64	4522.24	3725.05	4937.21
t-151	3699.26	3674.03	3725.05	3642.5	4375.54	3677.9	4924.26

Saham	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
t-31	3880.46	3727.8	4842.52	4105.17	3808.71	3794.76
t-32	3839.62	3685.94	4777.9	4090.57	3838.14	3732.65
t-33	3842.75	3700.05	4723.16	4079.38	3800.52	3727.07
t-34	4020.99	3707.49	4802.67	4031.71	3785.45	3730.51
t-35	3953.28	3678.67	4831.5	4041.56	3798.55	3707.98
t-36	3960.02	3640.98	4822.63	4036.23	3816.27	3734.41
t-37	3890.53	3591.51	4802.83	4022.17	3814.93	3719.23
t-38	3869.36	3602.86	4819.32	4024.73	3813.87	3745.84
t-39	3863.58	3607.11	4786.37	4028.54	3849.3	3741.81
t-40	3735.12	3611.64	4835.44	4039.98	3819.62	3730.58
t-41	3850.27	3556.23	4854.31	4054.33	3808.93	3727.8
t-42	3921.64	3517.72	4874.5	4008.64	3804.93	3685.94
t-43	4122.09	3518.85	4848.3	3987.35	3774.87	3700.05
t-44	4136.51	3494.07	4824.68	3991.54	3788.54	3707.49
t-45	4177.85	3484.21	4751.7	3967.67	3801.08	3678.67
t-46	4193.44	3531.48	4811.61	3942.52	3794.76	3640.98
t-47	4130.8	3524.48	4795.79	3967.08	3732.65	3591.51
t-48	4145.83	3569.84	4716.42	3984.9	3727.07	3602.86
t-49	4174.11	3542.23	4663.03	4004.87	3730.51	3607.11
t-50	4132.78	3587.65	4696.11	3962.29	3707.98	3611.64
t-51	4087.09	3598.68	4651.12	3985.21	3734.41	3556.23
t-52	4106.82	3580.31	4632.4	3903.56	3719.23	3517.72
t-53	4068.07	3561.72	4634.45	3861.02	3745.84	3518.85
t-54	4050.63	3542.9	4626.99	3894.56	3741.81	3494.07
t-55	4023.42	3494.54	4612.05	3958.81	3730.58	3484.21
t-56	4032.97	3486.2	4609.79	3995.02	3727.8	3531.48
t-57	4023.2	3512.62	4571.57	4002.95	3685.94	3524.48
t-58	3997.64	3470.35	4548.24	3976.54	3700.05	3569.84
t-59	3980.84	3443.53	4503.25	3927.61	3707.49	3542.23
t-60	3938.01	3439.13	4491.27	3953.04	3678.67	3587.65
t-61	3995.59	3474.12	4503.15	3952.82	3640.98	3598.68
t-62	4003.69	3451.1	4498.98	3961.9	3591.51	3580.31
t-63	3939.47	3497.64	4479.44	3912.39	3602.86	3561.72
t-64	3908.96	3501.5	4490.56	3978.99	3607.11	3542.9
t-65	3924.13	3434.38	4481.63	3988.7	3611.64	3494.54
t-66	3953.52	3416.78	4453.7	3955.45	3556.23	3486.2
t-67	3927.1	3416.77	4452.98	3974.79	3517.72	3512.62
t-68	3888.57	3391.77	4439.03	4015.95	3518.85	3470.35
t-69	3830.27	3373.64	4416.94	4016.9	3494.07	3443.53
t-70	3813.43	3417.47	4437.6	3964.98	3484.21	3439.13
t-71	3848.56	3459.93	4418.73	3941.69	3531.48	3474.12
t-72	3823.65	3487.71	4416.55	3915.16	3524.48	3451.1
t-73	3821.83	3496.17	4439.97	3986.41	3569.84	3497.64
t-74	3794.94	3480.83	4465.48	3983.43	3542.23	3501.5
t-75	3729.12	3442.5	4398.38	3963.6	3587.65	3434.38
t-76	3721.38	3409.17	4410.96	3994.58	3598.68	3416.78
t-77	3740.47	3487.61	4400.82	3986.51	3580.31	3416.77
t-78	3794.25	3514.62	4382.5	4001.07	3561.72	3391.77
t-79	3773.27	3501.72	4305.91	3978.13	3542.9	3373.64
t-80	3748.76	3433.91	4317.37	3954.75	3494.54	3417.47
t-81	3787.65	3346.06	4362.93	3909.69	3486.2	3459.93
t-82	3806.19	3379.54	4392.38	3935.33	3512.62	3487.71
t-83	3825.82	3454.12	4410.02	3909.5	3470.35	3496.17
t-84	3842.95	3517.27	4399.26	3909.64	3443.53	3480.83
t-85	3834.2	3548.65	4346.48	3938.84	3439.13	3442.5
t-86	3844.02	3535.73	4316.69	3889.07	3474.12	3409.17
t-87	3837.76	3569.14	4281.86	3869.42	3451.1	3487.61
t-88	3836.97	3564.94	4275.09	3906.26	3497.64	3514.62
t-89	3826.14	3554.77	4250.21	3907.42	3501.5	3501.72
t-90	3832.43	3455.13	4254.82	3857.88	3434.38	3433.91
t-91	3814.82	3478.55	4275.86	3821.99	3416.78	3346.06
t-92	3780.16	3631.45	4301.44	3808.77	3416.77	3379.54
t-93	3785.94	3736.26	4315.86	3769.21	3391.77	3454.12

Saham	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
t-94	3778.45	3783.71	4308.86	3789.43	3373.64	3517.27
t-95	3872.95	3760.06	4320.19	3797.15	3417.47	3548.65
t-96	3859.81	3727.52	4337.53	3795.44	3459.93	3535.73
t-97	3840.21	3703.51	4317.92	3794.27	3487.71	3569.14
t-98	3799.23	3699.22	4302.61	3752.34	3496.17	3564.94
t-99	3832.02	3659.99	4290.8	3770.29	3480.83	3554.77
t-100	3808.71	3625.27	4292.6	3768.35	3442.5	3455.13
t-101	3838.14	3611.53	4286.84	3701.54	3409.17	3478.55
t-102	3800.52	3620.68	4269.65	3751.6	3487.61	3631.45
t-103	3785.45	3637.45	4302.44	3763.58	3514.62	3736.26
t-104	3798.55	3568.81	4276.14	3792.15	3501.72	3783.71
t-105	3816.27	3581.56	4319.09	3759.61	3433.91	3760.06
t-106	3814.93	3571.74	4304.82	3781.76	3346.06	3727.52
t-107	3813.87	3658.31	4337.51	3793.24	3379.54	3703.51
t-108	3849.3	3689.67	4375.17	3752.67	3454.12	3699.22
t-109	3819.62	3692.23	4348.81	3780.79	3517.27	3659.99
t-110	3808.93	3747.71	4335.93	3779.84	3548.65	3625.27
t-111	3804.93	3786.1	4317.28	3781.1	3535.73	3611.53
t-112	3774.87	3769.99	4312.37	3715.08	3569.14	3620.68
t-113	3788.54	3722.35	4313.44	3687.77	3564.94	3637.45
t-114	3801.08	3696.26	4351.28	3647.05	3554.77	3568.81
t-115	3794.76	3694.58	4332.08	3637.19	3455.13	3581.56
t-116	3732.65	3619.09	4318.59	3687.01	3478.55	3571.74
t-117	3727.07	3531.21	4333.64	3735.53	3631.45	3658.31
t-118	3730.51	3630.64	4327.87	3679.83	3736.26	3689.67
t-119	3707.98	3642.5	4350.42	3754.5	3783.71	3692.23
t-120	3734.41	3702.01	4314.27	3792.25	3760.06	3747.71
t-121	3719.23	3658.78	4302.94	3814.09	3727.52	3786.1
t-122	3745.84	3678.19	4338.89	3813.84	3703.51	3769.99
t-123	3741.81	3741.23	4335.36	3833.04	3699.22	3722.35
t-124	3730.58	3725.05	4350.29	3778.89	3659.99	3696.26
t-125	3727.8	3677.9	4364.6	3783.88	3625.27	3694.58
t-126	3685.94	3674.03	4331.37	3857.36	3611.53	3619.09
t-127	3700.05	3656.46	4339.15	3805.65	3620.68	3531.21
t-128	3707.49	3665.85	4335.38	3778.24	3637.45	3630.64
t-129	3678.67	3744.62	4330.15	3783.63	3568.81	3642.5
t-130	3640.98	3756.97	4341.38	3705.81	3581.56	3702.01
t-131	3591.51	3737.48	4331.25	3763.03	3571.74	3658.78
t-132	3602.86	3699.26	4356.97	3685.01	3658.31	3678.19
t-133	3607.11	3655.3	4337.53	3790.85	3689.67	3741.23
t-134	3611.64	3629.05	4329.08	3829.96	3692.23	3725.05
t-135	3556.23	3605.67	4313.52	3813	3747.71	3677.9
t-136	3517.72	3625.49	4311.39	3738.61	3786.1	3674.03
t-137	3518.85	3645.15	4284.97	3710.48	3769.99	3656.46
t-138	3494.07	3635.32	4280.01	3706.78	3722.35	3665.85
t-139	3484.21	3638.83	4280.25	3620.66	3696.26	3744.62
t-140	3531.48	3624.47	4268.23	3622.78	3694.58	3756.97
t-141	3524.48	3654.1	4311.31	3685.31	3619.09	3737.48
t-142	3569.84	3643.49	4271.46	3622.03	3531.21	3699.26
t-143	3542.23	3597.75	4251.51	3729.01	3630.64	3655.3
t-144	3587.65	3588.01	4256.84	3664.68	3642.5	3629.05
t-145	3598.68	3578.95	4236.29	3675.38	3702.01	3605.67
t-146	3580.31	3592.79	4262.56	3635.93	3658.78	3625.49
t-147	3561.72	3566.92	4225.02	3531.75	3678.19	3645.15
t-148	3542.9	3597.03	4180.16	3451.08	3741.23	3635.32
t-149	3494.54	3618.48	4226.89	3425.68	3725.05	3638.83
t-150	3486.2	3611.98	4200.91	3443.11	3677.9	3624.47
t-151	3512.62	3547.25	4244.62	3293.24	3674.03	3654.1

Lampiran: 6

Return Saham Harian Perusahaan Dividen Meningkat

Formula: $R_{it} = \frac{P_{it}-P_{it-1}}{P_{it-1}}$

Saham	AALI	AKRA	ANTM	ASGR	ASII	ASRI
t30	-0.004329	0.0196078	-0.008	0	0.0072993	0
t29	-0.0064516	0.02	-0.0079365	-0.0397351	0.0300752	0
t28	0	0.010101	0	-0.0130719	-0.0220588	0
t27	-0.0106383	0.0645161	0.0243902	0	0.0074074	0.0285714
t26	0.0239651	0.021978	0.0081967	-0.0129032	0.0074627	0
t25	0	0	-0.024	0.0544218	-0.0218978	-0.0140845
t24	-0.0021739	-0.0520833	-0.0234375	-0.0134228	0.0300752	0
t23	-0.0064795	0	-0.0153846	-0.013245	-0.0220588	0.0142857
t22	0	0	0.015625	-0.0503145	0.0074074	-0.0540541
t21	-0.0064378	0.0105263	0.007874	-0.0185185	0	-0.0133333
t20	0.0130435	0.0215054	0	-0.1049724	0.0227273	-0.0384615
t19	0.0065646	-0.0510204	0	0	-0.0075188	0.04
t18	0.0066079	0.0208333	-0.0230769	-0.0717949	-0.0291971	0
t17	-0.0151844	-0.0857143	-0.037037	0	0.0300752	-0.0131579
t16	0	0	-0.0145985	-0.0201005	0.0075758	0
t15	0.0154185	0.0096154	0.0073529	0.0473684	-0.0075188	0.0133333
t14	-0.004386	-0.0095238	0	-0.0104167	-0.0220588	0.0273973
t13	-0.0086957	0.039604	0.0225564	0.0434783	-0.0215827	0
t12	-0.017094	0	-0.0074627	0.0514286	0.0530303	0.028169
t11	-0.0042553	-0.0288462	0.0075188	0.0057471	-0.8942308	0.0142857
t10	-0.0042373	-0.0095238	-0.0148148	0.0235294	-0.0149961	0.0447761
t9	-0.0104822	-0.0366972	-0.0145985	-0.0116279	-0.0147745	0
t8	0.0084567	0.0092593	0.0223881	0.005848	-0.0257576	-0.0945946
t7	0.0021186	-0.0181818	-0.0359712	-0.0228571	0.0122699	0.0724638
t6	0.021645	0	-0.0071429	0.0057471	-0.0121212	-0.028169
t5	-0.0043103	-0.009009	-0.0140845	0.0357143	0.0022779	-0.0273973
t4	0.0065076	0.0471698	0.0364964	0.0120482	-0.0280443	-0.0266667
t3	0.0131868	0	0.0073529	-0.0514286	0	0
t2	-0.0256959	0.0095238	0.0149254	-0.0168539	-0.0159768	-0.0740741
t1	0.0086393	-0.009434	0.0151515	-0.0055866	0.0299177	0.0125
t0	-0.0354167	-0.0862069	-0.0638298	-0.0271739	-0.0226608	0.038961
t-1	0.0062893	-0.008547	0.0217391	0	0	0.0131579
t-2	0.0105932	-0.0168067	0.037594	0.0054645	0	-0.05
t-3	0	0.017094	-0.0074627	0.0166667	0.0066225	0
t-4	-0.0021142	0	-0.0074074	0.0055866	-0.0094752	-0.0697674
t-5	0.006383	0.0446429	-0.028777	-0.0110497	-0.0036311	-0.0114943
t-6	-0.022869	0	0.0451128	-0.0054945	-0.0014503	-0.0113636
t-7	0.0105042	-0.0088496	0.0390625	-0.0108696	-0.0100503	0.047619
t-8	0.0021053	0.0462963	-0.0518519	-0.0054054	-0.0176305	0.0243902
t-9	0.0149573	0.0093458	0.1440678	0.0054348	-0.0083916	-0.0352941
t-10	-0.0105708	-0.036036	-0.0247934	0.0054645	-0.0165062	0.0625
t-11	-0.0063025	-0.059322	-0.0081967	-0.0368421	-0.0202156	-0.1011236
t-12	-0.006263	-0.0084034	-0.0081301	-0.0206186	0.0074678	-0.0111111
t-13	-0.0020833	-0.0083333	0.0336134	0	0.0264808	-0.0425532
t-14	0.0367171	-0.0082645	-0.0165289	-0.0051282	0.0105634	0
t-15	0	-0.0081967	0	0.037234	0.0042433	-0.0309278
t-16	0.0065217	-0.0081301	0.0521739	0.0217391	-0.0007067	-0.0490196
t-17	0.0021786	0.025	0.0087719	0.010989	-0.0021157	-0.0377358
t-18	0.0043764	0.0434783	-0.025641	0.0055249	-0.0070028	0.0095238
t-19	-0.0043573	-0.0086207	0.0173913	0.0055556	-0.0110803	-0.0186916
t-20	0	0.1153846	-0.1153846	-0.0055249	-0.0150068	-0.0092593
t-21	0.0177384	0.04	-0.0225564	0.0055556	0.0075601	0.0285714
t-22	-0.0131291	-0.0384615	-0.0291971	-0.0163934	-0.0148951	0
t-23	0.002193	0.0612245	-0.0143885	0.0166667	-0.0027009	0
t-24	0.0110865	0.0103093	0	-0.0055249	0.0067981	-0.0540541
t-25	-0.0087912	0.0210526	-0.0211268	0	-0.0100942	0.0277778
t-26	0.0111111	0	-0.0405405	-0.0268817	0.0067751	0.0093458
t-27	-0.0131579	-0.0104167	0.0136986	0	0.0068213	-0.0092593
t-28	0.0133333	0.0434783	-0.0135135	-0.0053476	-0.0107962	0
t-29	-0.0131579	0.0337079	0	0.0053763	-0.0152824	0
t-30	0.0066225	0	0	0	0.006689	-0.0091743

Saham	AUTO	BCAP	BWPT	CLPI	CPIN	CTRP	EKAD	FORU
t30	0.0060595	0.048	0	0	0.0235294	0	-0.0102041	0.02
t29	-0.006023	-0.0601504	-0.0071914	0	0.0493827	0	-0.02	-0.025974
t28	-0.0119051	-0.0567376	0	0	-0.0240964	0	0.0309278	0
t27	0.0059869	0.0367647	0.0145928	0.016129	0	0	-0.0673077	0.0198675
t26	-0.0176463	0.2252252	-0.0072435	-0.03125	0	-0.0169492	0	0.0066667
t25	0.3178301	0.0673077	-0.0071914	0.0322581	0	0.0350877	-0.0545455	-0.0196078
t24	-0.0076941	0.2380952	0	-0.015873	0	-0.0172414	0	-0.0254777
t23	-0.0151488	-0.0454545	0.0530277	0.0327869	0	-0.0333333	-0.0178571	-0.01875
t22	-0.8012049	0	0.0076306	0	0	-0.0163934	0	0
t21	0.0184022	0	0.0155071	0.0166667	-0.0348837	0.0166667	-0.0508475	0.0191083
t20	0.0251579	-0.032967	-0.0227275	0	-0.0114943	0	-0.0166667	0.0194805
t19	0.0192313	-0.0808081	-0.0434786	0	0	0	0.0169492	0.0198675
t18	0	0.1511628	0	0	0.0175439	0.0169492	0.0350877	-0.0194805
t17	-0.0095241	0.0117647	0	0.0169492	-0.0338983	0.0172414	0	0.0065359
t16	-0.0217397	0.0365854	-0.0071914	-0.0327869	-0.0274725	0	0.0555556	0.0065789
t15	0.0031153	0	0	0.0338983	-0.0054645	-0.0793651	0	0.0066225
t14	0.0126187	0	0.0145928	-0.0327869	0.0166667	-0.015625	-0.0181818	-0.0130719
t13	0.0031646	0.0123457	-0.0072435	0.0166667	-0.027027	-0.030303	0.0377358	0.02
t12	-0.0125003	-0.0240964	-0.0071914	-0.047619	-0.0364583	-0.0149254	0	0.0135135
t11	0	0	0	0.05	0.0212766	-0.0147059	0	-0.0198675
t10	-0.0062113	-0.0568182	0.0530277	-0.047619	0	0	-0.0535714	0
t9	0	-0.032967	0.0076306	0.016129	0	0	-0.1384615	-0.0258065
t8	-0.009231	0.2133333	0.0155071	-0.015873	0.0107527	-0.0144928	-0.0298507	0
t7	0	-0.0625	-0.0227275	-0.0307692	0.0108696	-0.028169	0.0151515	0
t6	0.009317	0	0	0.031746	0.0454545	0	0.047619	0.0064935
t5	0.0125789	0	-0.0222224	-0.0735294	0.017341	0.0142857	-0.0307692	0.0065359
t4	-0.0031348	0	-0.0073501	-0.0810811	0.0116959	0.0144928	0.25	0
t3	-0.0031251	0	-0.021583	0.0136986	-0.0446927	0.0298507	0.2380952	0
t2	0.009464	-0.0588235	0.0072435	-0.0266667	0.0287356	0	-0.0117647	0
t1	-0.0155284	0	-0.0281665	0.0135135	-0.0113636	0.0151515	-0.0340909	0
t0	-0.027188	-0.0229885	0	-0.0263158	-0.0638298	0	-0.0833333	-0.04375
t-1	-0.0178047	0	-0.0138918	0	-0.0505051	-0.0149254	-0.1578947	0.0322581
t-2	0.0150607	0.0116279	0	0	-0.038835	-0.0289855	0	-0.0064103
t-3	0.0030212	0	0	0	0.0564103	0.0147059	0.2391304	0
t-4	0	0	-0.0068939	0	0.037234	0.0149254	0.2432432	0
t-5	0	0	0.0069417	0	0.0681818	0.0151515	-0.038961	-0.0063694
t-6	0.0060792	0	0	0	-0.032967	0	0.0131579	0
t-7	0.0030457	0	-0.0335521	0.027027	-0.0108696	0.0153846	0.027027	-0.0125786
t-8	-0.0060577	0	0.0136001	0.0277778	-0.0212766	0.015625	-0.0263158	-0.0124224
t-9	-0.0060242	0	0.013796	-0.027027	-0.06	-0.0447761	-0.025641	0.00625
t-10	0.0060607	0.0117647	0	-0.0133333	-0.0196078	0.0151515	0.012987	0
t-11	-0.0060242	0	-0.0136083	-0.025974	0	0	-0.0128205	0
t-12	0.0152877	-0.0116279	0.0068549	0	0.0736842	0	0.04	0.0062893
t-13	-0.0030488	0.0238095	0.0068939	0.0131579	0.0795455	-0.0149254	-0.0506329	-0.0185185
t-14	-0.0060577	-0.0561798	0	-0.05	-0.0687831	-0.0289855	0.0128205	0.0318471
t-15	-0.0119763	0.0113636	-0.0068467	0.025641	0.0384615	0.0298507	0.0985915	-0.0063291
t-16	-0.0059525	-0.0222222	0	-0.025	-0.0471204	0	0	0
t-17	0.0029851	0	0	-0.0361446	0.0052632	0.0307692	0.0142857	0.0193548
t-18	-0.0059348	-0.010989	0	0.1216216	-0.0594059	0.015625	0.0447761	0
t-19	-0.0029587	-0.0520833	0	0.0277778	0	-0.0447761	-0.0147059	-0.03125
t-20	0.0029674	-0.0103093	0.0209793	0	0.01	-0.0289855	0	0
t-21	0.0305786	0	-0.0205482	-0.027027	0.0204082	0	-0.0144928	-0.0123457
t-22	0.034811	-0.0102041	0	0	-0.010101	0	-0.0142857	-0.0121951
t-23	-0.0031546	0.0103093	0.0068939	0.0136986	-0.0294118	0	-0.0277778	-0.0060606
t-24	-0.0155284	0	-0.0068467	0.0138889	0.02	-0.0142857	-0.0136986	0.0122699
t-25	-0.0152909	0	0.0428578	0	-0.0196078	0.0144928	0.0138889	0.01875
t-26	0.0123842	0	0	-0.027027	0.009901	0.0454545	0.0588235	-0.0361446
t-27	0.0487027	0	-0.0540573	-0.0133333	-0.0471698	-0.0704225	0.030303	-0.0292398
t-28	0.0032573	-0.0102041	0	0.0273973	0.0192308	-0.0138889	-0.0149254	0.0118343
t-29	0	0	-0.0133361	-0.0266667	-0.0545455	0	-0.0289855	0.0059524
t-30	0.0032681	0	0.0067169	0	0.0280374	0	0.0147059	-0.0175439

Saham	GGRM	GJTL	INDF	INTP	JKON	JPFA	KLBF
t30	0.0050251	-0.1010101	-0.018018	-0.0327869	0	0.0412371	0.037594
t29	0.007085	-0.0571429	-0.0263158	-0.016129	0.0389675	0	0.1176471
t28	-0.0050352	0	0	0.0032362	0	-0.020202	-0.0629921
t27	-0.007992	-0.0186916	-0.0338983	-0.0283019	-0.037506	0.0102041	-0.0078125
t26	-0.0059583	0.0190476	-0.0084034	-0.0304878	0.0256452	-0.0392157	-0.037594
t25	0.00499	0	-0.0083333	-0.0030395	0	0	-0.0220588
t24	0.0131446	0	0.0084034	0.0092025	0.0196111	-0.046729	-0.0215827
t23	-0.0207921	0	0	-0.0091185	-0.0129053	-0.0092593	-0.0141844
t22	-0.0146341	0	-0.0245902	0.0030488	0.0130741	0.0188679	0.0143885
t21	-0.0125241	0	-0.016129	0.0186335	0	-0.0093458	0.0072464
t20	-0.0038388	0	-0.0387597	0.0031153	0	0.009434	0
t19	-0.0019157	-0.0277778	-0.0444444	-0.0123077	0.047939	-0.0185185	-0.0212766
t18	0.0116279	0.0285714	0.0465116	-0.0121581	0	0	0.0071429
t17	0	-0.0707965	0.057377	0.0092025	-0.0457459	0.0093458	0
t16	0	-0.1031746	-0.0542636	-0.0060976	0	0.0190476	0.0218978
t15	0	-0.0307692	0.0078125	0	0	-0.0277778	-0.0072464
t14	0	0	-0.0077519	-0.0179641	0	0	0
t13	0.0019417	0.0077519	0	-0.0089021	0	-0.0181818	-0.0071942
t12	0.0029211	-0.0444444	-0.0076923	0.0150602	0.0199965	-0.0178571	-0.0211268
t11	-0.0019436	-0.0492958	0.023622	0.0030211	-0.0322568	0.0181818	0
t10	0.0048828	0.0215827	0.0409836	-0.0119403	0	-0.0178571	0
t9	-0.0009756	0.0220588	-0.016129	-0.0317919	0	0.037037	0.0070922
t8	0.011846	-0.0072993	-0.03125	0.0146628	-0.037273	-0.0091743	-0.013986
t7	0	-0.0214286	-0.0153846	0.0118694	0.038716	0.0686275	-0.0137931
t6	-0.0145914	0.0687023	0.0077519	0.012012	-0.025155	-0.0192308	0
t5	0.0078431	0.048	0.0238095	-0.0118694	0.0392156	-0.0095238	0
t4	0.0029499	0.0245902	-0.015625	0.0029762	0	0.0294118	0
t3	-0.0258621	0.0166667	0.007874	-0.0029674	0	0.009901	0.0507246
t2	-0.0736469	-0.0082645	0.0079365	0.0029762	0	0.0860215	0.0222222
t1	-0.0351027	-0.0162602	0.0327869	0.0151057	0.0065733	-0.0106383	0
t0	0.0042992	-0.016	-0.0081301	-0.0207101	-0.0256387	-0.0552764	-0.0073529
t-1	0.0264784	0	0.0165289	0.0089552	0.0129892	0.0205128	-0.0144928
t-2	-0.0215889	0	0.0083333	-0.0029762	0	-0.0101523	0.0147059
t-3	0.0069565	0	0.0169492	0.0029851	0.0620649	0.0102564	-0.0072993
t-4	-0.0051903	-0.0234375	-0.0084034	0.0151515	0	0.0540541	0
t-5	-0.0094259	0	0.0084746	-0.0030211	0	0.0164835	0.0378788
t-6	0	0	-0.0166667	-0.014881	0.0069456	0	0.0153846
t-7	-0.0193277	-0.037594	0.0084034	-0.0059172	0	0.0282486	-0.0225564
t-8	0.0067682	0.0230769	0	-0.0315186	0.0140796	-0.0111732	0.0075758
t-9	-0.0050505	0.0483871	0.0258621	-0.005698	0.0441171	0	0.0076336
t-10	-0.0016807	-0.0461538	-0.008547	0.0203488	-0.0810738	0	0.0076923
t-11	0.0084746	0	-0.0084746	0.0238095	0	0.005618	-0.0151515
t-12	-0.0092359	0.0077519	0.008547	-0.0059172	0.0277752	-0.0111111	-0.0222222
t-13	0.0059122	0.0078125	0.0086207	-0.0145773	0.0140796	0.0404624	0
t-14	-0.014975	0.0756303	0.0175439	-0.0057971	0	-0.0114286	-0.0145985
t-15	-0.0227642	-0.0245902	-0.0172414	0.0117302	-0.006987	-0.0056818	0
t-16	0.0016287	0.0701754	-0.0333333	0.0058997	-0.0205512	0.0731707	-0.0072464
t-17	-0.001626	-0.0420168	0.0434783	-0.0058651	0	0	0
t-18	-0.0238095	0	0.0267857	0.0029412	0	0.0186335	-0.034965
t-19	0.0055866	-0.0846154	0.0181818	-0.0116279	0	-0.0122699	0.0592593
t-20	0.0186992	0.0483871	-0.0178571	0.033033	0	-0.0239521	-0.0145985
t-21	0.0423729	-0.0461538	0	0.0121581	0	0.0844156	0.0223881
t-22	-0.0483871	0	0	0.0061162	0	0.0065359	-0.0074074
t-23	0.0517388	-0.0225564	0	-0.018018	0	0	0
t-24	-0.0008475	0.0230769	0.046729	-0.0089286	-0.0135089	0.0065789	0.0150376
t-25	0	0.0077519	0.0288462	-0.0117647	0	-0.0065359	-0.05
t-26	0.0008482	0.015748	-0.0188679	0.0179641	0	0.0065789	0
t-27	-0.0166806	0.0583333	-0.0093458	0	-0.0067125	-0.0193548	-0.0140845
t-28	0.0247863	0.0169492	0.009434	-0.0176471	0.0067579	-0.0064103	0.0142857
t-29	0.0103627	0.0727273	0.0192308	-0.0029326	0.020686	0.0064516	0.0218978
t-30	0.0113537	-0.0350877	0	0.0271084	0	0.0130719	0

Saham	LPGI	MICE	MLPL	MPPA	PGAS	PTPP
t30	-0.0117647	0	0	-0.0070922	0.0092166	0
t29	0.0059172	0.016129	0	0	0.0046296	-0.0309278
t28	0.0242424	0.0163934	0	-0.0070423	0.0140845	0
t27	-0.011976	-0.016129	-0.0192308	-0.006993	0.0191388	-0.0490196
t26	-0.0118343	0.0163934	-0.0188679	0	0	0.0408163
t25	0.0696203	-0.0757576	0	-0.0069444	-0.0047619	0.0208333
t24	-0.0246914	0.0153846	0.0392157	0.006993	-0.0322581	-0.0588235
t23	-0.006135	0	-0.0377358	0	-0.0524017	0.030303
t22	-0.0121212	0.1016949	0	0	0	-0.0833333
t21	0	0.0727273	0	0	0.004386	-0.0526316
t20	0	0.0185185	0.0192308	0	0	-0.0655738
t19	-0.0236686	-0.0181818	0	-0.0069444	-0.0086957	0
t18	0.0242424	-0.0178571	0	0.006993	0.0043668	-0.016129
t17	-0.0294118	0.0980392	0	0	0.0223214	-0.03125
t16	0.030303	0	0.04	0	0.0228311	0
t15	-0.0406977	-0.0555556	0	0	-0.0179372	-0.0153846
t14	0.0117647	-0.1290323	0.0204082	-0.0069444	0.0090498	0
t13	-0.005848	-0.03125	-0.02	-0.0068966	0.0091324	0.031746
t12	-0.005814	0	0	-0.0136054	0	-0.015625
t11	-0.0114943	-0.0153846	0.0204082	0.0352113	0.0045872	-0.0153846
t10	0.0116279	0.1016949	0	0.0070922	-0.0045662	0.031746
t9	0	-0.078125	0.0208333	0	0.0379147	0
t8	0.0177515	0	-0.0204082	0	0	-0.015625
t7	-0.0287356	-0.1794872	0	-0.013986	-0.0140187	0
t6	0	-0.037037	0.0208333	0.0070423	0.014218	0.015873
t5	0	-0.0240964	-0.0204082	-0.0273973	0	-0.0307692
t4	0.0116279	-0.0568182	-0.02	-0.0068027	-0.004717	0
t3	0.081761	0.0114943	-0.0566038	-0.0067568	-0.0046948	0
t2	0.0063291	-0.0113636	0.0816327	0.0136986	0	-0.0151515
t1	-0.0062893	-0.032967	0.0208333	-0.0135135	0.004717	0
t0	-0.0755814	-0.0520833	-0.0204082	-0.1590909	-0.0319635	0
t-1	0.005848	-0.0103093	0	0	-0.0090498	0.0153846
t-2	0.0178571	0.0104167	0	-0.011236	0.0091324	-0.0151515
t-3	-0.0117647	-0.030303	0	-0.0326087	0.0092166	-0.0149254
t-4	-0.0340909	0.125	0	0.0054645	0.0046296	0
t-5	-0.0276243	0.0352941	0	0.0397727	0	0
t-6	0.0647059	0.0240964	0.0208333	0.0292398	0.0093458	0.0307692
t-7	0.0625	0	0	0.0118343	0	0
t-8	0.025641	0	-0.0588235	0	0.0190476	-0.0151515
t-9	0	-0.0235294	0	0.0059524	-0.0277778	-0.0149254
t-10	0	0.0119048	-0.0192308	-0.0117647	0.0140845	0
t-11	0.0064516	0	-0.0188679	-0.005848	0.0094787	0.0151515
t-12	-0.0251572	-0.0454545	0	0.0058824	0.0144231	0
t-13	0.0063291	-0.011236	-0.0363636	0.0059172	-0.014218	-0.0149254
t-14	0.025974	-0.021978	0.0576923	0.1736111	0	0.0151515
t-15	-0.0064516	0.045977	-0.1186441	-0.04	-0.0093897	0
t-16	0.0064935	0.0116279	0.0172414	0	0.0390244	0
t-17	-0.0128205	0.0117647	-0.0333333	-0.025974	-0.0048544	0
t-18	0	0.0759494	0	0.033557	0.004878	-0.0149254
t-19	-0.0063694	-0.0813953	-0.0322581	-0.0324675	-0.0238095	0.0151515
t-20	0	-0.0652174	0	-0.0609756	0.0243902	0
t-21	0.0194805	-0.0980392	-0.015873	-0.0060606	0	0
t-22	0.0131579	-0.0192308	-0.015625	-0.0178571	0	0
t-23	-0.012987	0	0.0322581	0	0.0199005	0
t-24	0.0405405	-0.0545455	-0.015873	-0.0344828	0.0151515	-0.0294118
t-25	-0.0067114	0	0.0327869	0	-0.009009	0.030303
t-26	-0.0066667	-0.0517241	0	-0.0057143	-0.0347826	-0.0149254
t-27	0	-0.0333333	0	-0.0112994	0.0604508	0
t-28	0	0	-0.016129	-0.005618	-0.0384236	0.0151515
t-29	-0.0196078	-0.0163934	0.0163934	0.0229885	-0.0193237	-0.0149254
t-30	-0.0129032	-0.016129	0	0.0609756	-0.0235849	0.046875

Saham	RALS	SCMA	SGRO	SMAR	SMGR	SMRA	SMSM
t30	-0.0235294	-0.0322581	0.006993	0	0.0166667	-0.015748	0.0130435
t29	-0.0229885	-0.015873	0.0514706	-0.015748	-0.0212072	0	-0.034965
t28	0.0357143	0.016129	0.0074074	0.016	0.0082237	0.0762712	0.0362319
t27	0	-0.015873	0.0150376	-0.0234375	0.0066225	0.026087	0
t26	0.05	0.008	-0.0148148	0.007874	0.0033223	0	0
t25	0	-0.015748	-0.0073529	0.016	0.013468	-0.0416667	0
t24	0	-0.0078125	-0.048951	-0.0079365	0.008489	-0.0243902	0.0147059
t23	-0.0243902	-0.0077519	-0.0337838	0.0243902	-0.0328407	-0.0314961	0
t22	0.0379747	-0.0152672	0.0136986	-0.0238095	0	0	0
t21	0	-0.0075758	-0.0068027	-0.0597015	0.015	-0.0078125	0
t20	0	0.0076336	0.0068493	-0.0428571	0	-0.030303	0.030303
t19	0	-0.0075758	-0.0135135	0.0071942	-0.0016639	0.047619	-0.0149254
t18	-0.0125	0.0393701	-0.0133333	0	0.0050167	0.0243902	0.0387597
t17	0	-0.0078125	0	0.0072464	-0.0016694	-0.0080645	0.0078125
t16	0	0	0.0344828	-0.028169	0.0084175	0.0508475	0.0491803
t15	0.0126582	0	-0.0136054	0.0070922	-0.0278232	-0.0084034	-0.0542636
t14	0.0128205	0.007874	0.0137931	0	-0.0423197	0.0258621	0
t13	-0.025	0.016	0.013986	-0.0070423	0	0.0642202	0
t12	0	0.0330579	-0.0069444	0.0142857	0	-0.0090909	0.0403226
t11	0.025641	0.0083333	0	-0.0140845	0.0224359	0	0.0420168
t10	0	-0.0322581	-0.0068966	0.0215827	0	-0.0178571	-0.0555556
t9	-0.0126582	0.0689655	0.013986	0	0.0540541	0	-0.0735294
t8	0.0128205	-0.0569106	-0.0069444	-0.0071429	0.0068027	0	-0.0555556
t7	0	-0.0314961	0.0285714	0	0.0297723	0	-0.04
t6	0.012987	-0.0078125	-0.0277778	0.0294118	-0.0172117	-0.0175439	-0.025974
t5	-0.0375	0.0491803	0.0212766	0	-0.0102215	0.0088496	0
t4	0.0126582	0.0166667	0.0367647	0.0149254	0.005137	-0.0087719	0.0065359
t3	-0.0125	0.0526316	0.0149254	-0.0074074	-0.016835	-0.0086957	-0.0192308
t2	0.0126582	0	0	-0.0145985	0	0	0.0331126
t1	0.0394737	0.0857143	0	-0.0143885	-0.0083472	0.0087719	0.0272109
t0	-0.0379747	-0.009434	-0.0289855	0.0145985	-0.0291734	-0.0172414	0.027972
t-1	0.025974	-0.045045	0.0222222	0	-0.0175159	0.0086957	0.028777
t-2	0	0.0090909	-0.0073529	-0.0072464	0.0112721	-0.0254237	0.0072464
t-3	-0.0128205	0.0185185	-0.0072993	-0.0142857	-0.0111465	0.0172414	0.0298507
t-4	0	0.0384615	0.0073529	0.0447761	0	-0.0333333	0.046875
t-5	-0.025	0.0452261	0	0.0075188	-0.0047544	0.0169492	-0.0447761
t-6	0	0.0205128	-0.0072993	0.0075758	-0.0031596	0.0442478	-0.0074074
t-7	-0.0243902	-0.0151515	0.0378788	0	0	0.0089286	0.0074627
t-8	-0.0238095	-0.01	0	0	-0.007837	0	0.0151515
t-9	0.0120482	0.0362694	0	0	0.0015699	-0.0175439	0
t-10	0.0121951	0.0052083	-0.0222222	0	0	0.0088496	0.0076336
t-11	0.0123457	-0.0051813	0	0.03125	0.0391517	0.018018	0.0155039
t-12	-0.0470588	-0.0102564	0	-0.0153846	-0.0223285	-0.0089286	0.075
t-13	0.0897436	0.0103627	-0.0073529	-0.0225564	-0.0669643	0	0.0344828
t-14	-0.0126582	0	-0.0144928	-0.0431655	0	-0.0344828	0
t-15	0.025974	0.021164	0.0072993	-0.0071429	-0.0029674	-0.0252101	0.045045
t-16	0	-0.0307692	0	0.0447761	0.0135338	0.0347826	-0.0089286
t-17	0.0266667	-0.0101523	-0.0072464	-0.0428571	-0.0220588	-0.0086207	0
t-18	0	-0.0050505	0	0.0144928	0.0240964	0.0086957	-0.0508475
t-19	-0.0131579	-0.0050251	0	-0.0612245	0.0060606	0.0087719	-0.0166667
t-20	0	0.0050505	0	-0.0067568	0.0443038	0.0088496	-0.0243902
t-21	-0.012987	0.076087	0.0072993	-0.0133333	0	0	-0.0238095
t-22	0.0405405	0.0165746	0	-0.025974	0.0063694	0.0272727	0
t-23	-0.0263158	0.0284091	0	-0.0253165	0	0.0091743	0.0243902
t-24	0.0410959	-0.0434783	0.0148148	0.0394737	-0.0031746	0	-0.0390625
t-25	0.0138889	0.010989	-0.0073529	-0.0318471	0	0	0
t-26	-0.0136986	-0.0215054	0.0074074	-0.0125786	0.0227273	-0.0267857	0.015873
t-27	-0.0135135	-0.0053476	-0.028777	0.1041667	0.0065359	0	0.016129
t-28	0.0136986	0.0446927	0.0072464	0.0359712	-0.04375	0	-0.03125
t-29	0.0138889	0	-0.0071942	0.0220588	-0.0046656	0	0
t-30	-0.0136986	0.0406977	0.0220588	0.030303	-0.0257576	-0.0088496	0

Saham	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
t30	0.0568189	0	-0.0111111	-0.0230415	0.0379747	0.0147059
t29	-0.0638285	0.0172414	0	-0.0180995	0.0533333	-0.0144928
t28	0.0930234	0.0175439	-0.010989	-0.0264317	-0.0625	0.0147059
t27	-0.011498	0	0	0.0248307	-0.0153846	-0.0144928
t26	0.0116317	0.0363636	0	-0.013363	-0.0441176	0
t25	-0.011498	-0.0178571	0	0.0298165	0.0559006	0.0147059
t24	0	0.0181818	0.0111111	-0.0202247	0.00625	0.030303
t23	0	0	-0.0217391	-0.0491453	0.0062893	0
t22	-0.0224676	0.0185185	0.010989	-0.0021322	0.0192308	0
t21	0	-0.0357143	-0.0421053	-0.0582329	-0.0095238	0
t20	0.0595182	0.0181818	-0.0104167	0.0595745	0.0327869	0.0153846
t19	0.0370428	-0.0350877	0	0.0021322	0.0166667	-0.0298507
t18	0.0279187	0.0178571	0	-0.0021277	0.0033445	0.0151515
t17	-0.0150023	-0.0344828	0	0.0755149	-0.0066445	0
t16	0.0152308	-0.0169492	0	0.0306604	0.0033333	0.0153846
t15	-0.0390282	0.0172414	0	-0.0782609	0.0033445	-0.0151515
t14	-0.0120458	0.0175439	-0.0103093	-0.004329	0.0033557	0
t13	0.024693	0	0.0104167	-0.0253165	-0.0033445	0
t12	0.0227241	0.0178571	-0.0103093	-0.0226804	-0.0033333	-0.0149254
t11	0.0050791	-0.0175439	0.0104167	0.008316	0.010101	0
t10	0	-0.0172414	0	0.0062762	0.0067797	0.0307692
t9	0.0260365	0	0	-0.0534653	-0.0033784	0
t8	-0.0103086	0	0	-0.0098039	-0.0198675	-0.0298507
t7	-0.0102034	0	-0.0103093	-0.046729	0.0066667	0
t6	0.0208319	-0.0169492	-0.0102041	0.0037523	0.0169492	0
t5	-0.0746955	0	0	-0.0111317	-0.006734	-0.0147059
t4	0.086387	-0.0327869	-0.010101	0	0.0033784	0
t3	0.0324303	0.0892857	0	0	-0.0100334	0.0149254
t2	0.016486	-0.0175439	0	0.0131579	0.0033557	-0.0289855
t1	-0.0054677	0.0178571	-0.01	-0.0018762	0	0.0147059
t0	0.0339036	-0.1111111	-0.009901	-0.0184162	-0.0165017	-0.0285714
t-1	-0.0221052	-0.0307692	0.01	-0.0127273	-0.0032895	0.0294118
t-2	0.0111724	0.015625	0	0.0223048	0.0133333	0
t-3	0.0346874	0.0322581	-0.009901	-0.0218182	0	-0.0144928
t-4	-0.0225975	0.0163934	0.01	-0.0333919	0.010101	0.0147059
t-5	-0.0634948	0	0	-0.0290102	0.0067797	-0.0144928
t-6	-0.0549997	-0.016129	-0.009901	-0.0151261	-0.0033784	0
t-7	-0.0123433	0.0333333	0	0.0084746	0	0.0147059
t-8	0.0175818	0	0	0	-0.003367	-0.0144928
t-9	-0.0409596	0	-0.0098039	-0.0033784	0.0033784	0.0454545
t-10	0.0479783	0	-0.0097087	-0.005042	0.0136986	-0.0294118
t-11	-0.0341472	0	-0.0096154	-0.0116279	-0.0068027	-0.0144928
t-12	-0.0574719	0	0	-0.0114943	0	-0.0142857
t-13	-0.0842104	0	0.0196078	-0.0145631	-0.0067568	0.0144928
t-14	-0.0104146	0.0526316	0	-0.0016155	-0.0100334	0
t-15	0.0105242	0	0	-0.0064205	0.0033557	0
t-16	-0.0306115	0.0555556	0.009901	-0.0032	-0.0033445	-0.0142857
t-17	0.0315782	-0.0181818	0	-0.0047771	0.0101351	0
t-18	-0.0206198	0	0.01	0.0261438	0.0068027	0
t-19	-0.0102021	0	0	0.0166113	-0.010101	0
t-20	-0.0200013	0.0185185	0.0204082	-0.0163399	0	0
t-21	-0.009899	0.0188679	0.0103093	-0.0097087	0	0
t-22	-0.009802	0	0.0104167	0.0065147	0.0033784	0.0144928
t-23	0.019996	0.0192308	0.0105263	-0.0096774	0	0.0147059
t-24	0.0416694	0	-0.0104167	-0.0127389	-0.003367	0.0149254
t-25	-0.0103126	0	0.0212766	0.0015949	-0.01	-0.0147059
t-26	-0.0396013	0	0	0	0.0033445	0
t-27	-0.009802	-0.0188679	-0.0105263	0.0080386	0.0033557	0
t-28	0	0.06	0	-0.0503817	0.0067568	0
t-29	0.009899	0	0.0106383	0	-0.0067114	-0.0144928
t-30	-0.009802	-0.0196078	0.0107527	-0.0075758	0	0

Lampiran: 7

Return Market Perusahaan Dividen Meningkat

Formula: $R_{m,t} = \frac{IHSG_{i,t} - IHSG_{i,t-1}}{IHSG_{i,t-1}}$

Saham	AALI	AKRA	ANTM	ASGR	ASII	ASRI
t30	-0.0038661	0.00741455	0.009890936	-0.0190266	0.009091756	0.01017453
t29	-0.0074339	-0.0050599	0.001255366	-0.0247564	0.017492126	0.01187903
t28	0.00672741	0.04550746	-0.004851771	-0.0367535	-0.012018701	-0.0255025
t27	0.00990822	0.00727586	0.0013869	-0.0069821	0.013774939	0.01666148
t26	0.01521984	-0.023668	0.001637124	0.01381258	0.006172708	0.00355615
t25	0.00441805	-0.0564447	-0.009043239	0.00289026	-0.00821022	0.00302773
t24	-0.0091289	0.00335126	-0.002866032	0.03322314	-0.003143466	0.00040972
t23	0.00651425	0.00683485	0.010542704	-0.0192045	-0.010676973	0.00611771
t22	0.00047565	0.01129209	0.003650442	0.01907517	0.016254584	-0.0168297
t21	0.00708656	0.0475858	0.019835325	-0.0350438	0.005352347	-0.0032612
t20	0.01764943	-0.0321652	0.000983986	-0.0180788	0.011012295	-0.0093228
t19	0.00207961	0.01697847	0.002185827	-0.0271728	0.006986719	-0.0102904
t18	-0.0051031	-0.0888036	-0.004409188	-0.0040606	-0.01783285	0.01884518
t17	-0.0141741	-0.0145561	-0.017496801	0.01010948	0.002046178	-0.0096156
t16	0.00555964	-0.0007834	-0.003660682	-0.0191914	-0.00352671	0.00084231
t15	0.00653947	-0.0208931	0.003567391	-0.0118954	0.010687975	0.00885533
t14	-0.0102676	0.01612124	0.000235964	-0.0136609	-0.003975443	0.00752834
t13	-0.0048708	-0.0065025	0.008204402	0.00472506	-0.000191366	0.00179261
t12	-0.005132	-0.0195484	0.006913993	0.01791469	0.033205806	0.00056573
t11	-0.004458	-0.0054762	0.008923672	-0.0135704	0.017319067	0.03448898
t10	0.0022826	-0.0256054	-0.008711565	0.00657826	-0.038208689	0.01699538
t9	-0.0025544	-0.0017197	0.002358065	-0.0166275	-0.008624936	-0.006727
t8	0.00163091	0.00098884	0.006181376	0.00370806	-0.021718702	-0.0367563
t7	0.00020692	0.02865373	-0.017299307	-0.0050273	-0.000293162	0.00455572
t6	0.00283055	0.00615566	-0.003596931	0.01346623	9.69407E-05	0.00104438
t5	-0.001642	0.00636202	-0.001491946	0.01319337	0.004145283	-0.0320492
t4	0.00461726	0	0.006425829	-0.0022008	-0.020669414	-0.0102038
t3	0.00916728	-0.0006883	0.014619177	0.00156238	0.000827604	-0.0086001
t2	-0.001527	-0.000687	0.009091756	0.00540337	-0.009828708	0.03061456
t1	0.00198203	-0.0086186	0.017492126	-0.0100489	0.02055583	0.01918618
t0	-0.0243997	0.0106386	-0.012018701	0.00326213	-0.010146519	0.03821246
t-1	0.00340504	-0.0008151	0.013774939	0.00923019	-0.016103233	-0.0023903
t-2	0.00510417	-0.0443288	0.006172708	0.01020018	-0.001831416	-0.0190266
t-3	0.01078717	0.01712928	-0.00821022	0.01347851	-0.014844718	-0.0247564
t-4	-0.0085581	-0.0017032	-0.003143466	-0.0137289	-0.004715157	-0.0367535
t-5	0.00612046	0.0178629	-0.010676973	-0.0132136	0.001106983	-0.0069821
t-6	-0.0076683	0.00546883	0.016254584	0.00533329	-0.01244015	0.01381258
t-7	0.00989919	0.00149837	0.005352347	0.00686411	0.005340745	0.00289026
t-8	0.00398105	0.03439168	0.011012295	0.00426737	-0.013712047	0.03322314
t-9	-0.0034497	-0.0299063	0.006986719	-0.0032067	-0.001733375	-0.0192045
t-10	-0.0046428	-0.0182008	-0.01783285	-0.0034089	0.001115829	0.01907517
t-11	0.0003523	-0.0486266	0.002046178	0.00729135	0.005555558	-0.0350438
t-12	0.00027795	-0.0034863	-0.00352671	-0.0043212	0.003648155	-0.0180788
t-13	-0.0092048	-0.0098949	0.010687975	-0.0003077	0.004022826	-0.0271728
t-14	0.00777097	-0.0037188	-0.003975443	-0.0028283	-0.003905262	-0.0040606
t-15	0.00280629	0.0151644	-0.000191366	0.00279782	0.004002043	0.01010948
t-16	0.00105075	-0.0036247	0.033205806	0.02126041	-0.001608967	-0.0191914
t-17	0.00796314	-0.0067762	0.017319067	-0.008632	0.003576429	-0.0118954
t-18	-0.003608	0.01000174	-0.038208689	0.00262918	-0.006188632	-0.0136609
t-19	-0.0032993	0.01117735	-0.008624936	0.00959268	0.004239564	0.00472506
t-20	0.00166521	-0.0048037	-0.021718702	-0.004513	-0.000605102	0.01791469
t-21	0.01664021	0.00952509	-0.000293162	0.00042183	0.002133945	-0.0135704
t-22	0.00149632	0.00430573	9.69407E-05	-0.0057951	0.00260074	0.00657826
t-23	-0.0009218	0.00676417	0.004145283	0.00070228	-0.003052408	-0.0166275
t-24	0.00607688	-0.0023697	-0.020669414	-0.0118148	0.004767878	0.00370806
t-25	-0.0070785	0.00242897	0.000827604	0.00488473	0.002306738	-0.0050273
t-26	0.00408154	0.0063955	-0.009828708	0.00398491	-0.004767858	0.01346623
t-27	-0.0071025	0.00421771	0.02055583	-0.0006903	-0.001027441	0.01319337
t-28	0.00107618	0.01087606	-0.010146519	0.00261435	-0.002953919	-0.0022008
t-29	0.00300973	-0.0144089	-0.016103233	0.01767324	0.007822353	0.00156238
t-30	0.00074707	-0.0020241	-0.001831416	0.01352438	-0.019311779	0.00540337

Saham	AUTO	BCAP	BWPT	CLPI	CPIN	CTRP	EKAD	FORU
t30	0.00780691	0.00281501	0.001582796	-0.0224517	0.0104109	-0.0007308	-0.0037188	-0.0012515
t29	-0.0038661	-0.0099921	0.00585391	-0.004575	-0.0321165	0.00011555	0.0151644	0.00484997
t28	-0.0074339	0.00933007	-0.00108161	-0.0186062	-0.0558448	-0.0041464	-0.0036247	-0.0061625
t27	0.00672741	0.00469238	-0.004921343	0.04648604	-0.0248606	0.00051709	-0.0067762	0.00888447
t26	0.00990822	-0.0012515	-0.005946189	-0.0120343	-0.0031074	0.00447176	0.01000174	0.01073184
t25	0.01521984	0.00484997	-0.003341374	-0.0010213	0.01017453	0.00495679	0.01117735	-0.0110538
t24	0.00441805	-0.0061625	0.001623199	0.03352723	0.01187903	0.00463771	-0.0048037	0.0061825
t23	-0.0091289	0.00888447	-0.002621684	0.00434606	-0.0255025	-0.009425	0.00952509	-0.010297
t22	0.00651425	0.01073184	-0.003997408	0.00165218	0.01666148	0.002516	0.00430573	0.00642676
t21	0.00047565	-0.0110538	0.004541508	-0.0020018	0.00355615	0.00989094	0.00676417	-0.0064068
t20	0.00708656	0.0061825	0.003558092	0.03981746	0.00302773	0.00125537	-0.0023697	0.00492837
t19	0.01764943	-0.010297	0.0027531	0.02919781	0.00040972	-0.0048518	0.00242897	-0.0073765
t18	0.00207961	0.00642676	-0.000421441	0.00530504	0.00611771	0.0013869	0.0063955	-0.0004028
t17	-0.0051031	-0.0064068	0.001344846	-0.0055459	-0.0168297	0.00163712	0.00421771	0.02070639
t16	-0.0141741	0.00492837	0.004025616	-0.0217476	-0.0032612	-0.0090432	0.01087606	-0.0008284
t15	0.00555964	-0.0073765	-0.007621712	0.01530742	-0.0093228	-0.002866	-0.0144089	0.00451013
t14	0.00653947	-0.0004028	0.006151046	-0.0223728	-0.0102904	0.0105427	-0.0020241	-0.0012748
t13	-0.0102676	0.02070639	-0.009943037	0.02229658	0.01884518	0.00365044	0.01630117	0.00409804
t12	-0.0048708	-0.0008284	0.003313191	0.01915265	-0.0096156	0.01983532	0.00780691	0.00994972
t11	-0.005132	0.00451013	-0.007535558	0.01477707	0.00084231	0.00098399	-0.0038661	0.00674908
t10	-0.004458	-0.0012748	-0.008607704	-0.0370879	0.00885533	0.00218583	-0.0074339	-0.0072836
t9	0.0022826	0.00409804	0.006061624	-0.011789	0.00752834	-0.0044092	0.00672741	-0.0030829
t8	-0.0025544	0.00994972	0.002970841	-0.0003802	0.00179261	-0.0174968	0.00990822	0.01419027
t7	0.00163091	0.00674908	0.00431983	-0.0111499	0.00056573	-0.0036607	0.01521984	0.0086318
t6	0.00020692	-0.0072836	0.001138737	0.0104109	0.03448898	0.00356739	0.00441805	-0.0165121
t5	0.00283055	-0.0030829	-0.000248699	-0.0321165	0.01699538	0.00023596	-0.0091289	-0.0119913
t4	-0.001642	0.01419027	-0.008697483	-0.0558448	-0.006727	0.0082044	0.00651425	-0.0007308
t3	0.00461726	0.0086318	0.004432093	-0.0248606	-0.0367563	0.00691399	0.00047565	0.00011555
t2	0.00916728	-0.0165121	0.003124436	-0.0031074	0.00455572	0.00892367	0.00708656	-0.0041464
t1	-0.001527	-0.0119913	-0.003472674	0.01017453	0.00104438	-0.0087116	0.01764943	0.00051709
t0	0.00198203	-0.0007308	0.001333677	0.01187903	-0.0320492	0.00235806	0.00207961	0.00447176
t-1	-0.0243997	0.00011555	-0.005184706	-0.0255025	-0.0102038	0.00618138	-0.0051031	0.00495679
t-2	0.00340504	-0.0041464	0.008381193	0.01666148	-0.0086001	-0.0172993	-0.0141741	0.00463771
t-3	0.00510417	0.00051709	0.002632196	0.00355615	0.03061456	-0.0035969	0.00555964	-0.009425
t-4	0.01078717	0.00447176	-0.008286247	0.00302773	0.01918618	-0.0014919	0.00653947	0.002516
t-5	-0.0085581	0.00495679	0.000814297	0.00040972	0.03821246	0.00642583	-0.0102676	0.00989094
t-6	0.00612046	0.00463771	-0.00343177	0.00611771	-0.0023903	0.01461918	-0.0048708	0.00125537
t-7	-0.0076683	-0.009425	-0.003277993	-0.0168297	-0.0190266	0.00909176	-0.005132	-0.0048518
t-8	0.00989919	0.002516	0.007672618	-0.0032612	-0.0247564	0.01749213	-0.004458	0.0013869
t-9	0.00398105	0.00989094	-0.001794728	-0.0093228	-0.0367535	-0.0120187	0.0022826	0.00163712
t-10	-0.0034497	0.00125537	0.000871396	-0.0102904	-0.0069821	0.01377494	-0.0025544	-0.0090432
t-11	-0.0046428	-0.0048518	0.001207807	0.01884518	0.01381258	0.00617271	0.00163091	-0.002866
t-12	0.0003523	0.0013869	-0.002587181	-0.0096156	0.00289026	-0.0082102	0.00020692	0.0105427
t-13	0.00027795	0.00163712	0.002337208	0.00084231	0.03322314	-0.0031435	0.00283055	0.00365044
t-14	-0.0092048	-0.0090432	-0.005901334	0.00885533	-0.0192045	-0.010677	-0.001642	0.01983532
t-15	0.00777097	-0.002866	0.004481804	0.00752834	0.01907517	0.01625458	0.00461726	0.00098399
t-16	0.00280629	0.0105427	0.001951851	0.00179261	-0.0350438	0.00535235	0.00916728	0.00218583
t-17	0.00105075	0.00365044	0.003605916	0.00056573	-0.0180788	0.01101229	-0.001527	-0.0044092
t-18	0.00796314	0.01983532	0.00049424	0.03448898	-0.0271728	0.00698672	0.00198203	-0.0174968
t-19	-0.003608	0.00098399	0.006166748	0.01699538	-0.0040606	-0.0178328	-0.0243997	-0.0036607
t-20	-0.0032993	0.00218583	0.001158182	-0.006727	0.01010948	0.00204618	0.00340504	0.00356739
t-21	0.00166521	-0.0044092	-5.61252E-05	-0.0367563	-0.0191914	-0.0035267	0.00510417	0.00023596
t-22	0.01664021	-0.0174968	0.002815014	0.00455572	-0.0118954	0.01068798	0.01078717	0.0082044
t-23	0.00149632	-0.0036607	-0.009992105	0.00104438	-0.0136609	-0.0039754	-0.0085581	0.00691399
t-24	-0.0009218	0.00356739	0.009330068	-0.0320492	0.00472506	-0.0001914	0.00612046	0.00892367
t-25	0.00607688	0.00023596	0.004692381	-0.0102038	0.01791469	0.03320581	-0.0076683	-0.0087116
t-26	-0.0070785	0.0082044	-0.001251548	-0.0086001	-0.0135704	0.01731907	0.00989919	0.00235806
t-27	0.00408154	0.00691399	0.004849971	0.03061456	0.00657826	-0.0382087	0.00398105	0.00618138
t-28	-0.0071025	0.00892367	-0.006162509	0.01918618	-0.0166275	-0.0086249	-0.0034497	-0.0172993
t-29	0.00107618	-0.0087116	0.008884473	0.03821246	0.00370806	-0.0217187	-0.0046428	-0.0035969
t-30	0.00300973	0.00235806	0.01073184	-0.0023903	-0.0050273	-0.0002932	0.0003523	-0.0014919

Saham	GGRM	GJTL	INDF	INTP	JKON	JPFA	KLBF
t30	0.02070639	-0.011789	-0.0195484	-0.0037188	0.003650442	0.00546883	0.03439168
t29	-0.0008284	-0.0003802	-0.0054762	0.0151644	0.019835325	0.00149837	-0.0299063
t28	0.00451013	-0.0111499	-0.0256054	-0.0036247	0.000983986	0.03439168	-0.0182008
t27	-0.0012748	0.0104109	-0.0017197	-0.0067762	0.002185827	-0.0299063	-0.0486266
t26	0.00409804	-0.0321165	0.00098884	0.01000174	-0.004409188	-0.0182008	-0.0034863
t25	0.00994972	-0.0558448	0.02865373	0.01117735	-0.017496801	-0.0486266	-0.0098949
t24	0.00674908	-0.0248606	0.00615566	-0.0048037	-0.003660682	-0.0034863	-0.0037188
t23	-0.0072836	-0.0031074	0.00636202	0.00952509	0.003567391	-0.0098949	0.0151644
t22	-0.0030829	0.01017453	0	0.00430573	0.000235964	-0.0037188	-0.0036247
t21	0.01419027	0.01187903	-0.0006883	0.00676417	0.008204402	0.0151644	-0.0067762
t20	0.0086318	-0.0255025	-0.000687	-0.0023697	0.006913993	-0.0036247	0.01000174
t19	-0.0165121	0.01666148	-0.0086186	0.00242897	0.008923672	-0.0067762	0.01117735
t18	-0.0119913	0.00355615	0.0106386	0.0063955	-0.008711565	0.01000174	-0.0048037
t17	-0.0007308	0.00302773	-0.0008151	0.00421771	0.002358065	0.01117735	0.00952509
t16	0.00011555	0.00040972	-0.0443288	0.01087606	0.006181376	-0.0048037	0.00430573
t15	-0.0041464	0.00611771	0.01712928	-0.0144089	-0.017299307	0.00952509	0.00676417
t14	0.00051709	-0.0168297	-0.0017032	-0.0020241	-0.003596931	0.00430573	-0.0023697
t13	0.00447176	-0.0032612	0.0178629	0.01630117	-0.001491946	0.00676417	0.00242897
t12	0.00495679	-0.0093228	0.00546883	0.00780691	0.006425829	-0.0023697	0.0063955
t11	0.00463771	-0.0102904	0.00149837	-0.0038661	0.014619177	0.00242897	0.00421771
t10	-0.009425	0.01884518	0.03439168	-0.0074339	0.009091756	0.0063955	0.01087606
t9	0.002516	-0.0096156	-0.0299063	0.00672741	0.017492126	0.00421771	-0.0144089
t8	0.00989094	0.00084231	-0.0182008	0.00990822	-0.012018701	0.01087606	-0.0020241
t7	0.00125537	0.00885533	-0.0486266	0.01521984	0.013774939	-0.0144089	0.01630117
t6	-0.0048518	0.00752834	-0.0034863	0.00441805	0.006172708	-0.0020241	0.00780691
t5	0.0013869	0.00179261	-0.0098949	-0.0091289	-0.00821022	0.01630117	-0.0038661
t4	0.00163712	0.00056573	-0.0037188	0.00651425	-0.003143466	0.00780691	-0.0074339
t3	-0.0090432	0.03448898	0.0151644	0.00047565	-0.010676973	-0.0038661	0.00672741
t2	-0.002866	0.01699538	-0.0036247	0.00708656	0.016254584	-0.0074339	0.00990822
t1	0.0105427	-0.006727	-0.0067762	0.01764943	0.005352347	0.00672741	0.01521984
t0	0.00365044	-0.0367563	0.01000174	0.00207961	0.011012295	0.00990822	0.00441805
t-1	0.01983532	0.00455572	0.01117735	-0.0051031	0.006986719	0.01521984	-0.0091289
t-2	0.00098399	0.00104438	-0.0048037	-0.0141741	-0.01783285	0.00441805	0.00651425
t-3	0.00218583	-0.0320492	0.00952509	0.00555964	0.002046178	-0.0091289	0.00047565
t-4	-0.0044092	-0.0102038	0.00430573	0.00653947	-0.00352671	0.00651425	0.00708656
t-5	-0.0174968	-0.0086001	0.00676417	-0.0102676	0.010687975	0.00047565	0.01764943
t-6	-0.0036607	0.03061456	-0.0023697	-0.0048708	-0.003975443	0.00708656	0.00207961
t-7	0.00356739	0.01918618	0.00242897	-0.005132	-0.000191366	0.01764943	-0.0051031
t-8	0.00023596	0.03821246	0.0063955	-0.004458	0.033205806	0.00207961	-0.0141741
t-9	0.0082044	-0.0023903	0.00421771	0.0022826	0.017319067	-0.0051031	0.00555964
t-10	0.00691399	-0.0190266	0.01087606	-0.0025544	-0.038208689	-0.0141741	0.00653947
t-11	0.00892367	-0.0247564	-0.0144089	0.00163091	-0.008624936	0.00555964	-0.0102676
t-12	-0.0087116	-0.0367535	-0.0020241	0.00020692	-0.021718702	0.00653947	-0.0048708
t-13	0.00235806	-0.0069821	0.01630117	0.00283055	-0.000293162	-0.0102676	-0.005132
t-14	0.00618138	0.01381258	0.00780691	-0.001642	9.69407E-05	-0.0048708	-0.004458
t-15	-0.0172993	0.00289026	-0.0038661	0.00461726	0.004145283	-0.005132	0.0022826
t-16	-0.0035969	0.03322314	-0.0074339	0.00916728	-0.020669414	-0.004458	-0.0025544
t-17	-0.0014919	-0.0192045	0.00672741	-0.001527	0.000827604	0.0022826	0.00163091
t-18	0.00642583	0.01907517	0.00990822	0.00198203	-0.009828708	-0.0025544	0.00020692
t-19	0.01461918	-0.0350438	0.01521984	-0.0243997	0.02055583	0.00163091	0.00283055
t-20	0.00909176	-0.0180788	0.00441805	0.00340504	-0.010146519	0.00020692	-0.001642
t-21	0.01749213	-0.0271728	-0.0091289	0.00510417	-0.016103233	0.00283055	0.00461726
t-22	-0.0120187	-0.0040606	0.00651425	0.01078717	-0.001831416	-0.001642	0.00916728
t-23	0.01377494	0.01010948	0.00047565	-0.0085581	-0.014844718	0.00461726	-0.001527
t-24	0.00617271	-0.0191914	0.00708656	0.00612046	-0.004715157	0.00916728	0.00198203
t-25	-0.0082102	-0.0118954	0.01764943	-0.0076683	0.001106983	-0.001527	-0.0243997
t-26	-0.0031435	-0.0136609	0.00207961	0.00989919	-0.01244015	0.00198203	0.00340504
t-27	-0.010677	0.00472506	-0.0051031	0.00398105	0.005340745	-0.0243997	0.00510417
t-28	0.01625458	0.01791469	-0.0141741	-0.0034497	-0.013712047	0.00340504	0.01078717
t-29	0.00535235	-0.0135704	0.00555964	-0.0046428	-0.001733375	0.00510417	-0.0085581
t-30	0.01101229	0.00657826	0.00653947	0.0003523	0.001115829	0.01078717	0.00612046

Saham	LPGI	MICE	MLPL	MPPA	PGAS	PTPP
t30	0.00441805	0.0009971	0.001496322	0.001496322	-0.008363493	-0.0008151
t29	-0.0091289	0.02378512	-0.000921847	-0.000921847	-0.001569416	-0.0443288
t28	0.00651425	-0.0005829	0.006076884	0.006076884	-0.007550076	0.01712928
t27	0.00047565	-0.0169674	-0.007078513	-0.007078513	0.005227556	-0.0017032
t26	0.00708656	0.01747055	0.004081535	0.004081535	0.012488392	0.0178629
t25	0.01764943	-0.0286906	-0.007102544	-0.007102544	-0.010551127	0.00546883
t24	0.00207961	0.01755541	0.001076177	0.001076177	0.000326573	0.00149837
t23	-0.0051031	-0.0029124	0.003009725	0.003009725	0.000608203	0.03439168
t22	-0.0141741	0.0108509	0.000747066	0.000747066	-0.00194111	-0.0299063
t21	0.00555964	0.02949753	0.01135724	0.01135724	0.006120899	-0.0182008
t20	0.00653947	0.02337496	-0.003813757	-0.003813757	0.003715358	-0.0486266
t19	-0.0102676	0.00741455	-0.002006734	-0.002006734	-0.018387019	-0.0034863
t18	-0.0048708	-0.0050599	0.007832439	0.007832439	0.004362137	-0.0098949
t17	-0.005132	0.04550746	0.010353273	0.010353273	-0.001836361	-0.0037188
t16	-0.004458	0.00727586	0.013772222	0.013772222	0.000638907	0.0151644
t15	0.0022826	-0.023668	-0.003148611	-0.003148611	0.012135704	-0.0036247
t14	-0.0025544	-0.0564447	-0.001179378	-0.001179378	0.002928317	-0.0067762
t13	0.00163091	0.00335126	-0.001253743	-0.001253743	-0.02373701	0.01000174
t12	0.00020692	0.00683485	0.015581145	0.015581145	-0.003294142	0.01117735
t11	0.00283055	0.01129209	0.010947432	0.010947432	0.008000297	-0.0048037
t10	-0.001642	0.0475858	-0.000319707	-0.000319707	0.014272824	0.00952509
t9	0.00461726	-0.0321652	0.007090837	0.007090837	0.001708934	0.00430573
t8	0.00916728	0.01697847	0.002829941	0.002829941	0.003033779	0.00676417
t7	-0.001527	-0.0888036	-0.01338451	-0.01338451	0.007663005	-0.0023697
t6	0.00198203	-0.0145561	0.001984444	0.001984444	-0.000242631	0.00242897
t5	-0.0243997	-0.0007834	-0.012705391	-0.012705391	0.005709228	0.0063955
t4	0.00340504	-0.0208931	0.007794834	0.007794834	-0.001659299	0.00421771
t3	0.00510417	0.01612124	-0.012660083	-0.012660083	0.000773578	0.01087606
t2	0.01078717	-0.0065025	-0.003064211	-0.003064211	-0.000286403	-0.0144089
t1	-0.0085581	-0.0195484	0.005128346	0.005128346	0.0042461	-0.0020241
t0	0.00612046	-0.0054762	0.005221336	0.005221336	0.000191614	0.01630117
t-1	-0.0076683	-0.0256054	0.005310323	0.005310323	-0.01610678	0.00780691
t-2	0.00989919	-0.0017197	0.013839885	0.013839885	0.001342029	-0.0038661
t-3	0.00398105	0.00098884	0.002392877	0.002392877	-0.000422806	-0.0074339
t-4	-0.0034497	0.02865373	-0.007521435	-0.007521435	-0.001032643	0.00672741
t-5	-0.0046428	0.00615566	0.012180058	0.012180058	0.001209651	0.00990822
t-6	0.0003523	0.00636202	0.007787901	0.007787901	-0.000972763	0.01521984
t-7	0.00027795	0	0.001278796	0.001278796	0.004933403	0.00441805
t-8	-0.0092048	-0.0006883	-0.010071886	-0.010071886	0.000574182	-0.0091289
t-9	0.00777097	-0.000687	0.006671192	0.006671192	0.001095823	0.00651425
t-10	0.00280629	-0.0086186	-0.013306952	-0.013306952	0.010029452	0.00047565
t-11	0.00105075	0.0106386	-0.001100672	-0.001100672	0.010669337	0.00708656
t-12	0.00796314	-0.0008151	0.019542739	0.019542739	-0.031632196	0.01764943
t-13	-0.003608	-0.0443288	0.005149569	0.005149569	0	0.00207961
t-14	-0.0032993	0.01712928	5.21546E-06	5.21546E-06	7.41205E-05	-0.0051031
t-15	0.00166521	-0.0017032	0.00737108	0.00737108	0.012988048	-0.0141741
t-16	0.01664021	0.0178629	0.00537166	0.00537166	-0.00682351	0.00555964
t-17	0.00149632	0.00546883	-0.012824369	-0.012824369	0.004335493	0.00653947
t-18	-0.0009218	0.00149837	-0.012272538	-0.012272538	-0.00076509	-0.0102676
t-19	0.00607688	0.03439168	-0.007963375	-0.007963375	0.022158365	-0.0048708
t-20	-0.0070785	-0.0299063	-0.002420341	-0.002420341	0.00957425	-0.005132
t-21	0.00408154	-0.0182008	0.004407868	0.004407868	-0.001096201	-0.004458
t-22	-0.0071025	-0.0486266	0.01113288	0.01113288	0.005347422	0.0022826
t-23	0.00107618	-0.0034863	0.009777752	0.009777752	-0.003671093	-0.0025544
t-24	0.00300973	-0.0098949	-0.022491941	-0.022491941	0.004298757	0.00163091
t-25	0.00074707	-0.0037188	-0.007686145	-0.007686145	0.000264249	0.00020692
t-26	0.01135724	0.0151644	0.0036859	0.0036859	-0.025403916	0.00283055
t-27	-0.0038138	-0.0036247	0.019747492	0.019747492	0.003297231	-0.001642
t-28	-0.0020067	-0.0067762	0.026253248	0.026253248	-0.014473636	0.00461726
t-29	0.00783244	0.01000174	-0.009907236	-0.009907236	-0.00050323	0.00916728
t-30	0.01035327	0.01117735	-0.021590158	-0.021590158	0.032262102	-0.001527

Saham	RALS	SCMA	SGRO	SMAR	SMGR	SMRA	SMSM
t30	-0.0037188	0.03439168	0.00546883	-0.0008151	-0.008363493	0.00149837	0.01279472
t29	0.0151644	-0.0299063	0.00149837	-0.0443288	-0.001569416	0.03439168	0.00014879
t28	-0.0036247	-0.0182008	0.03439168	0.01712928	-0.007550076	-0.0299063	0.00593577
t27	-0.0067762	-0.0486266	-0.0299063	-0.0017032	0.005227556	-0.0182008	-0.006425
t26	0.01000174	-0.0034863	-0.0182008	0.0178629	0.012488392	-0.0486266	-0.0128836
t25	0.01117735	-0.0098949	-0.0486266	0.00546883	-0.010551127	-0.0034863	-0.0160845
t24	-0.0048037	-0.0037188	-0.0034863	0.00149837	0.000326573	-0.0098949	0.01242073
t23	0.00952509	0.0151644	-0.0098949	0.03439168	0.000608203	-0.0037188	0.01452577
t22	0.00430573	-0.0036247	-0.0037188	-0.0299063	-0.00194111	0.0151644	0.00241409
t21	0.00676417	-0.0067762	0.0151644	-0.0182008	0.006120899	-0.0036247	0.00315688
t20	-0.0023697	0.01000174	-0.0036247	-0.0486266	0.003715358	-0.0067762	-0.0014177
t19	0.00242897	0.01117735	-0.0067762	-0.0034863	-0.018387019	0.01000174	-0.0086068
t18	0.0063955	-0.0048037	0.01000174	-0.0098949	0.004362137	0.01117735	0.00850699
t17	0.00421771	0.00952509	0.01117735	-0.0037188	-0.001836361	-0.0048037	0.00333211
t16	0.01087606	0.00430573	-0.0048037	0.0151644	0.000638907	0.00952509	0.01366717
t15	-0.0144089	0.00676417	0.00952509	-0.0036247	0.012135704	0.00430573	-0.0117068
t14	-0.0020241	-0.0023697	0.00430573	-0.0067762	0.002928317	0.00676417	-0.008876
t13	0.01630117	0.00242897	0.00676417	0.01000174	-0.02373701	-0.0023697	-0.0139347
t12	0.00780691	0.0063955	-0.0023697	0.01117735	-0.003294142	0.00242897	-0.0009203
t11	-0.0038661	0.00421771	0.00242897	-0.0048037	0.008000297	0.0063955	0.01455421
t10	-0.0074339	0.01087606	0.0063955	0.00952509	0.014272824	0.00421771	0.00802569
t9	0.00672741	-0.0144089	0.00421771	0.00430573	0.001708934	0.01087606	-0.0085622
t8	0.00990822	-0.0020241	0.01087606	0.00676417	0.003033779	-0.0144089	-0.0057548
t7	0.01521984	0.01630117	-0.0144089	-0.0023697	0.007663005	-0.0020241	-0.0110667
t6	0.00441805	0.00780691	-0.0020241	0.00242897	-0.000242631	0.01630117	-0.0076847
t5	-0.0091289	-0.0038661	0.01630117	0.0063955	0.005709228	0.00780691	0.0153981
t4	0.00651425	-0.0074339	0.00780691	0.00421771	-0.001659299	-0.0038661	0.00531687
t3	0.00047565	0.00672741	-0.0038661	0.01087606	0.000773578	-0.0074339	-0.0041313
t2	0.00708656	0.00990822	-0.0074339	-0.0144089	-0.000286403	0.00672741	0.00383153
t1	0.01764943	0.01521984	0.00672741	-0.0020241	0.0042461	0.00990822	-0.0229634
t0	0.00207961	0.00441805	0.00990822	0.01630117	0.000191614	0.01521984	0.00390074
t-1	-0.0051031	-0.0091289	0.01521984	0.00780691	-0.01610678	0.00441805	-0.0019059
t-2	-0.0141741	0.00651425	0.00441805	-0.0038661	0.001342029	-0.0091289	-0.0056498
t-3	0.00555964	0.00047565	-0.0091289	-0.0074339	-0.000422806	0.00651425	-0.0108109
t-4	0.00653947	0.00708656	0.00651425	0.00672741	-0.001032643	0.00047565	0.00107979
t-5	-0.0102676	0.01764943	0.00047565	0.00990822	0.001209651	0.00708656	0.0134112
t-6	-0.0048708	0.00207961	0.00708656	0.01521984	-0.000972763	0.01764943	-0.0073094
t-7	-0.005132	-0.0051031	0.01764943	0.00441805	0.004933403	0.00207961	0.01522121
t-8	-0.004458	-0.0141741	0.00207961	-0.0091289	0.000574182	-0.0051031	-0.0179766
t-9	0.0022826	0.00555964	-0.0051031	0.00651425	0.001095823	-0.0141741	-0.0137523
t-10	-0.0025544	0.00653947	-0.0141741	0.00047565	0.010029452	0.00555964	-0.0078174
t-11	0.00163091	-0.0102676	0.00555964	0.00708656	0.010669337	0.00653947	-0.0020928
t-12	0.00020692	-0.0048708	0.00653947	0.01764943	-0.031632196	-0.0102676	0.00816878
t-13	0.00283055	-0.005132	-0.0102676	0.00207961	0	-0.0048708	0.00598462
t-14	-0.001642	-0.004458	-0.0048708	-0.0051031	7.41205E-05	-0.005132	-0.0020983
t-15	0.00461726	0.0022826	-0.005132	-0.0141741	0.012988048	-0.004458	-0.0173018
t-16	0.00916728	-0.0025544	-0.004458	0.00555964	-0.00682351	0.0022826	-0.0140435
t-17	-0.001527	0.00163091	0.0022826	0.00653947	0.004335493	-0.0025544	0.00265363
t-18	0.00198203	0.00020692	-0.0025544	-0.0102676	-0.00076509	0.00163091	-0.006049
t-19	-0.0243997	0.00283055	0.00163091	-0.0048708	0.022158365	0.00020692	0.00211574
t-20	0.00340504	-0.001642	0.00020692	-0.005132	0.00957425	0.00283055	-0.0030467
t-21	0.00510417	0.00461726	0.00283055	-0.004458	-0.001096201	-0.001642	0.01063372
t-22	0.01078717	0.00916728	-0.001642	0.0022826	0.005347422	0.00461726	0.00748012
t-23	-0.0085581	-0.001527	0.00461726	-0.0025544	-0.003671093	0.00916728	-0.0142928
t-24	0.00612046	0.00198203	0.00916728	0.00163091	0.004298757	-0.001527	0.00695193
t-25	-0.0076683	-0.0243997	-0.001527	0.00020692	0.000264249	0.00198203	0.00611663
t-26	0.00989919	0.00340504	0.00198203	0.00283055	-0.025403916	-0.0243997	0.00593664
t-27	0.00398105	0.00510417	-0.0243997	-0.001642	0.003297231	0.00340504	-0.0061176
t-28	-0.0034497	0.01078717	0.00340504	0.00461726	-0.014473636	0.00510417	0.00740724
t-29	-0.0046428	-0.0085581	0.00510417	0.00916728	-0.00050323	0.01078717	0.00655987
t-30	0.0003523	0.00612046	0.01078717	-0.001527	0.032262102	-0.0085581	0.00562462

Saham	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
t30	0.015137355	-0.0038661	-0.0023903	0.013774939	0.03439168	0.00676417
t29	-0.019888374	-0.0074339	-0.0190266	0.006172708	-0.0299063	-0.0023697
t28	-0.009955277	0.00672741	-0.0247564	-0.00821022	-0.0182008	0.00242897
t27	-0.005725392	0.00990822	-0.0367535	-0.003143466	-0.0486266	0.0063955
t26	6.50394E-05	0.01521984	-0.0069821	-0.010676973	-0.0034863	0.00421771
t25	-0.005008557	0.00441805	0.01381258	0.016254584	-0.0098949	0.01087606
t24	0.014330955	-0.0091289	0.00289026	0.005352347	-0.0037188	-0.0144089
t23	-0.001320361	0.00651425	0.03322314	0.011012295	0.0151644	-0.0020241
t22	-0.019049786	0.00047565	-0.0192045	0.006986719	-0.0036247	0.01630117
t21	0.013589037	0.00708656	0.01907517	-0.01783285	-0.0067762	0.00780691
t20	0.007254161	0.01764943	-0.0350438	0.002046178	0.01000174	-0.0038661
t19	-0.001424014	0.00207961	-0.0180788	-0.00352671	0.01117735	-0.0074339
t18	0.020998882	-0.0051031	-0.0271728	0.010687975	-0.0048037	0.00672741
t17	-0.015206847	-0.0141741	-0.0040606	-0.003975443	0.00952509	0.00990822
t16	0.021172789	0.00555964	0.01010948	-0.000191366	0.00430573	0.01521984
t15	-0.027918553	0.00653947	-0.0191914	0.033205806	0.00676417	0.00441805
t14	-0.010212389	-0.0102676	-0.0118954	0.017319067	-0.0023697	-0.0091289
t13	0.004446901	-0.0048708	-0.0136609	-0.038208689	0.00242897	0.00651425
t12	0.019899653	-0.005132	0.00472506	-0.008624936	0.0063955	0.00047565
t11	0.007580937	-0.004458	0.01791469	-0.021718702	0.00421771	0.00708656
t10	0.000997105	0.0022826	-0.0135704	-0.000293162	0.01087606	0.01764943
t9	0.023785117	-0.0025544	0.00657826	9.69407E-05	-0.0144089	0.00207961
t8	-0.000582929	0.00163091	-0.0166275	0.004145283	-0.0020241	-0.0051031
t7	-0.016967392	0.00020692	0.00370806	-0.020669414	0.01630117	-0.0141741
t6	0.017470551	0.00283055	-0.0050273	0.000827604	0.00780691	0.00555964
t5	-0.028690631	-0.001642	0.01346623	-0.009828708	-0.0038661	0.00653947
t4	0.01755541	0.00461726	0.01319337	0.02055583	-0.0074339	-0.0102676
t3	-0.002912376	0.00916728	-0.0022008	-0.010146519	0.00672741	-0.0048708
t2	0.010850899	-0.001527	0.00156238	-0.016103233	0.00990822	-0.005132
t1	0.029497528	0.00198203	0.00540337	-0.001831416	0.01521984	-0.004458
t0	0.02337496	-0.0243997	-0.0100489	-0.014844718	0.00441805	0.0022826
t-1	0.007414548	0.00340504	0.00326213	-0.004715157	-0.0091289	-0.0025544
t-2	-0.005059931	0.00510417	0.00923019	0.001106983	0.00651425	0.00163091
t-3	0.045507462	0.01078717	0.01020018	-0.01244015	0.00047565	0.00020692
t-4	0.007275864	-0.0085581	0.01347851	0.005340745	0.00708656	0.00283055
t-5	-0.023667958	0.00612046	-0.0137289	-0.013712047	0.01764943	-0.001642
t-6	-0.056444679	-0.0076683	-0.0132136	-0.001733375	0.00207961	0.00461726
t-7	0.003351259	0.00989919	0.00533329	0.001115829	-0.0051031	0.00916728
t-8	0.006834849	0.00398105	0.00686411	0.005555558	-0.0141741	-0.001527
t-9	0.011292093	-0.0034497	0.00426737	0.003648155	0.00555964	0.00198203
t-10	0.0475858	-0.0046428	-0.0032067	0.004022826	0.00653947	-0.0243997
t-11	-0.032165167	0.0003523	-0.0034089	-0.003905262	-0.0102676	0.00340504
t-12	0.016978466	0.00027795	0.00729135	0.004002043	-0.0048708	0.00510417
t-13	-0.088803616	-0.0092048	-0.0043212	-0.001608967	-0.005132	0.01078717
t-14	-0.014556132	0.00777097	-0.0003077	0.003576429	-0.004458	-0.0085581
t-15	-0.000783449	0.00280629	-0.0028283	-0.006188632	0.0022826	0.00612046
t-16	-0.020893124	0.00105075	0.00279782	0.004239564	-0.0025544	-0.0076683
t-17	0.016121236	0.00796314	0.02126041	-0.000605102	0.00163091	0.00989919
t-18	-0.006502471	-0.003608	-0.008632	0.002133945	0.00020692	0.00398105
t-19	-0.019548411	-0.0032993	0.00262918	0.00260074	0.00283055	-0.0034497
t-20	-0.005476204	0.00166521	0.00959268	-0.003052408	-0.001642	-0.0046428
t-21	-0.025605352	0.01664021	-0.004513	0.004767878	0.00461726	0.0003523
t-22	-0.001719668	0.00149632	0.00042183	0.002306738	0.00916728	0.00027795
t-23	0.000988841	-0.0009218	-0.0057951	-0.004767858	-0.001527	-0.0092048
t-24	0.028653726	0.00607688	0.00070228	-0.001027441	0.00198203	0.00777097
t-25	0.006155657	-0.0070785	-0.0118148	-0.002953919	-0.0243997	0.00280629
t-26	0.006362018	0.00408154	0.00488473	0.007822353	0.00340504	0.00105075
t-27	0	-0.0071025	0.00398491	-0.019311779	0.00510417	0.00796314
t-28	-0.000688275	0.00107618	-0.0006903	0.011850989	0.01078717	-0.003608
t-29	-0.000687043	0.00300973	0.00261435	0.010802002	-0.0085581	-0.0032993
t-30	-0.00861858	0.00074707	0.01767324	0.003991017	0.00612046	0.00166521

Lampiran: 8

Return Saham Harian Periode Estimasi Perusahaan Dividen Meningkat

Formula: $R_{it} = \frac{P_{it}-P_{it-1}}{P_{it-1}}$

Saham	AALI	AKRA	ANTM	ASGR	ASII	ASRI
t-31	0	0	-0.04516129	-0.015873	0	0.0092593
t-32	0.006666667	0.02298851	-0.025157233	-0.0052632	0.01013514	-0.0181818
t-33	-0.017467249	0.02352941	-0.018518519	0.0106383	-0.0159574	0.0185185
t-34	0.008810573	0	-0.012195122	0.0273224	0	0
t-35	-0.008733624	0	-0.006060606	-0.0213904	0.01690331	0.0384615
t-36	0.002188184	0	-0.017857143	-0.0209424	0.01370802	0.0097087
t-37	0	-0.0229885	-0.00591716	0.04371585	0.01956674	-0.0096154
t-38	0.020089286	0.02352941	-0.01744186	0.01666667	-0.0178449	-0.0095238
t-39	-0.006651885	0.04938272	0	-0.0055249	0.0174581	-0.0366972
t-40	0.025	0.02272727	0.005847953	0	-0.0083102	0.0380952
t-41	0	0.03664921	-0.011560694	-0.0054945	0	0
t-42	-0.004524887	0.05524862	0.005813953	-0.037037	0.0076762	0.0194175
t-43	0.016091954	0.01117318	0	0.01612903	0.02576951	-0.0096154
t-44	-0.006849315	0	-0.005780347	-0.015873	-0.0092199	-0.0095238
t-45	0.00921659	-0.0110497	0	0.01612903	-0.0070423	0.0096154
t-46	-0.022522523	0.00555556	-0.005747126	0.03333333	-0.028063	0
t-47	0.006802721	-0.0055249	0.005780347	0.05882353	0	-0.037037
t-48	-0.028634361	0.00555556	-0.02259887	-0.0116279	0.03470255	0.0188679
t-49	-0.025751073	0	0	0	0.01146132	-0.0093458
t-50	0.010845987	0.00558659	0.041176471	0.00584795	-0.005698	0.0288462
t-51	0.002173913	0.00561798	-0.005847953	0	0.00501074	0.0196078
t-52	0.017699115	-0.0165746	0	0.0621118	0.01012292	-0.0097087
t-53	0.022624434	0	-0.022857143	-0.0061728	-0.0043197	0.0098039
t-54	0.002267574	-0.0054945	-0.005681818	-0.006135	-0.0021552	0.0408163
t-55	-0.008988764	-0.0108696	-0.016759777	-0.0578035	-0.0057143	-0.010101
t-56	0.018306636	0.04545455	-0.011049724	0.03592814	0.00502513	0.0102041
t-57	0.018648019	0	0.005555556	0.05696203	-0.0169372	-0.0392157
t-58	-0.011520737	0.04761905	-0.010989011	0	0.01504298	0
t-59	-0.022522523	0.01204819	0	0.01282051	0.01601164	-0.0097087
t-60	-0.002247191	-0.005988	-0.005464481	0.00645161	0.00659341	0
t-61	0.009070295	0.01212121	-0.016129032	-0.0064103	-0.0366972	-0.0373832
t-62	0	-0.0236686	0	0.04	-0.0207326	0
t-63	0.013793103	0.00595238	0.033333333	-0.0066225	-0.0196477	0
t-64	-0.024663677	0.00598802	-0.010989011	0.00666667	-0.0020284	-0.0092593
t-65	-0.030434783	0.0308642	0	0.01351351	0.00067659	0
t-66	0.033707865	0.0125	0.011111111	-0.0067114	0.03356643	-0.0091743
t-67	0.025345622	0	0.016949153	0.01360544	-0.0198766	0.0092593
t-68	0.002309469	-0.0062112	-0.016666667	-0.0067568	-0.0101764	-0.0442478
t-69	-0.024774775	0.00625	0	-0.0133333	0.00477164	0.0089286
t-70	-0.024175824	-0.0184049	-0.010989011	0	0.03019663	0.0980392
t-71	0	0	0.005524862	-0.0131579	-0.023989	0.009901
t-72	-0.004376368	-0.0239521	0	0.01333333	-0.0253841	0.01
t-73	0.017817372	-0.0059524	0	0.02040816	-0.010575	0.010101
t-74	0.034562212	0.01204819	-0.016304348	-0.0067568	-0.0175325	-0.01
t-75	-0.002298851	-0.0119048	-0.026455026	-0.0263158	-0.0222222	-0.047619
t-76	-0.02247191	-0.0175439	0.010695187	0	0.00896861	0.0194175
t-77	-0.004474273	0	0	0	0.0045045	-0.0190476
t-78	-0.021881838	0.0239521	-0.005319149	-0.0440252	-0.0152091	0.0194175
t-79	0.075294118	0	0.005347594	-0.0185185	0.0233463	0.03
t-80	-0.047085202	0.04375	0.010810811	0.0125	-0.0289673	0.0309278
t-81	-0.049040512	0.01265823	-0.026315789	0.00628931	0.0134014	0.0104167
t-82	-0.042857143	-0.0062893	-0.015544041	-0.0185185	0.00448718	0
t-83	-0.016064257	0.03246753	-0.005154639	-0.0299401	-0.0082645	0.0322581
t-84	-0.011904762	0.00653595	0.005181347	-0.0059524	-0.0037999	0
t-85	-0.011764706	0	-0.015306122	-0.0344828	0	0.0108696
t-86	-0.011627907	0.02684564	0.02617801	0.02352941	0.00190355	-0.0107527
t-87	0.034068136	0	0.005263158	0.0625	0.01285347	0
t-88	0.046121593	0.02054795	-0.020618557	0.03225806	0.00646831	0.0333333
t-89	-0.026530612	-0.0135135	-0.010204082	-0.0064103	0.0144357	0
t-90	-0.02	0	-0.02	0.11428571	0.00994036	0.0465116
t-91	-0.036608863	-0.0133333	0.01010101	0	0	-0.0227273

Saham	AALI	AKRA	ANTM	ASGR	ASII	ASRI
t-92	0	-0.0131579	0.03125	0.02189781	-0.0019841	0.060241
t-93	-0.018903592	0.03401361	0	0	-0.0175439	-0.0119048
t-94	-0.013059701	0.00684932	0.010526316	0.01481481	0.0125	-0.0232558
t-95	0.022900763	-0.0135135	-0.010416667	-0.0145985	-0.0168176	0.0238095
t-96	0.03968254	0.00680272	-0.010309278	0	-0.0019367	0.0243902
t-97	0.008	-0.02	0.026455026	0.03787879	0.00388853	0.025
t-98	0.006036217	-0.0066225	0.016129032	0	0.02866667	0.025641
t-99	0.020533881	0	-0.02617801	0	0.01763908	-0.0126582
t-100	0	0.01342282	-0.010362694	-0.0075188	-0.0040541	0.0128205
t-101	-0.00204918	-0.0066667	0.005208333	0	0	0.012987
t-102	-0.018108652	0.01351351	-0.005181347	-0.0291971	0.01023891	-0.0128205
t-103	0.050739958	-0.0067114	0.010471204	-0.0072464	-0.0101351	0.012987
t-104	0.023809524	0.02054795	0.010582011	-0.0071942	0.00407056	-0.0375
t-105	-0.03950104	0.01388889	0.005319149	-0.0071429	0	0.0526316
t-106	-0.047524752	-0.0204082	0	0.00719424	0.0013587	0.0555556
t-107	-0.036259542	0.0137931	0.010752688	-0.0141844	0.00752909	0
t-108	-0.018726592	-0.0268456	-0.015873016	0.00714286	0.01882845	0
t-109	-0.001869159	-0.0802469	0.055865922	-0.020979	0.00773015	0
t-110	-0.012915129	-0.0181818	0.034682081	0.0141844	0	-0.027027
t-111	0.009310987	0.02484472	-0.017045455	0.03676471	0.03041274	0.0136986
t-112	0.018975332	0	0.005714286	0.02255639	-0.0409722	-0.0266667
t-113	0	0	0	-0.0362319	-0.0393596	0.056338
t-114	0.037401575	0.01898734	0.011560694	0.01470588	0	-0.0138889
t-115	0.011952191	0.00636943	0.005813953	-0.0144928	0.02600958	0
t-116	0.012096774	-0.01875	0.011764706	0.02222222	0.00550585	0.0140845
t-117	0.026915114	0	0	-0.0073529	-0.0041124	0.0441176
t-118	0.008350731	0.02564103	0	0.03030303	0.01814375	0.0149254
t-119	-0.006224066	-0.0063694	0	-0.0149254	0.00139762	0
t-120	-0.020325203	0	0.00591716	-0.0074074	0.00774648	-0.0147059
t-121	0.012345679	-0.01875	0.018072289	0.00746269	0.00141044	0
t-122	-0.02994012	0.08108108	0.012195122	0	0	0.0793651
t-123	-0.032818533	0.02068966	-0.006060606	0.0075188	-0.0007047	0.05
t-124	0.052845528	-0.0068493	-0.006024096	0	0.02603037	-0.0163934
t-125	0.027139875	0.01388889	0	0	0.0154185	0.0166667
t-126	-0.042	-0.0136986	0.018404908	0	-0.018732	0
t-127	0	0.00689655	0.00617284	-0.0074627	0.02058824	0
t-128	-0.001996008	0.05072464	0	-0.0074074	-0.0194665	0.0526316
t-129	-0.040229885	0	-0.006134969	0.00746269	0.02512934	-0.05
t-130	-0.026119403	-0.028169	0.00617284	-0.0074074	-0.0152838	0.0344828
t-131	0	-0.0206897	0.00621118	0	-0.0100865	0
t-132	0.030769231	-0.0068493	-0.00617284	0.01503759	-0.0273301	0
t-133	-0.007633588	0.00689655	0	-0.0291971	0.00070126	0.0175439
t-134	0.009633911	-0.0068493	0.00621118	0.00735294	-0.0097222	-0.0172414
t-135	0.011695906	-0.0068027	0	-0.0285714	0.03597122	-0.0169492
t-136	0.032193159	0.02083333	0.00625	0.02189781	0.00506146	0
t-137	-0.021653543	-0.0136986	-0.00621118	0.01481481	-0.0233051	0
t-138	0.013972056	-0.0068027	0	-0.0145985	0.03357664	0.0172414
t-139	0.006024096	0.00684932	0.00625	0	0.00957996	-0.0333333
t-140	-0.021611002	0.00689655	-0.012345679	0	-0.0065886	-0.0322581
t-141	-0.013565891	0.02112676	-0.006134969	-0.0072464	0.01485884	0
t-142	-0.007692308	-0.0340136	-0.006097561	0.01470588	-0.0246377	-0.015873
t-143	0.007751938	-0.0516129	0	0	0.03759398	0
t-144	0.061728395	-0.03125	-0.012048193	0.00740741	-0.0362319	0
t-145	0.004132231	-0.0419162	0	0	-0.0128755	0.0327869
t-146	0	0	0	-0.0145985	0.0137781	0
t-147	0.016806723	0	-0.005988024	0	0.00804094	0
t-148	0.019271949	0.01829268	-0.005952381	0	0.00146413	0.0166667
t-149	-0.018907563	0.00613497	0.024390244	0.00735294	0.00367377	-0.0163934
t-150	-0.014492754	0.05844156	0	0	0.02950076	0

Saham	AUTO	BCAP	BWPT	CLPI	CPIN	CTRP	EKAD	FORU
t-31	0	0	0	0	0	0.0140845	0.2363636	0.0058824
t-32	0.0032787	0	-0.0197371	-0.0131579	0.0862944	0.0142857	0	-0.0116279
t-33	-0.0378558	0.0652174	-0.0129898	0.027027	0.0154639	0	0.0185185	0.005848
t-34	0.1083907	0	-0.0253142	0.0277778	0	0	-0.0181818	0.0058824
t-35	0.0362328	-0.0107527	0.0063669	-0.027027	-0.0102041	0	0	-0.0229885
t-36	-0.010753	-0.07	0.012906	0	0.0103093	0	0	0.0057803
t-37	0.0333342	-0.047619	0	-0.0133333	-0.03	-0.0140845	0.0784314	0.005814
t-38	-0.0073531	0.1413043	-0.0127415	-0.025974	0.010101	0	0	0.005848
t-39	-0.0072995	-0.0707071	0.0194807	0	0	0	-0.0192308	-0.005814
t-40	-0.0036364	-0.1315789	0.0198678	0.0266667	0	-0.0405405	0	0.005848
t-41	0.0223054	0	0.0342498	0	-0.0050251	0.0277778	0	0.0178571
t-42	0.0189399	0	0.0068939	0.0273973	0.0364583	-0.04	0	0.0434783
t-43	0.015385	0.0458716	0.021127	0	-0.0103093	0.0135135	0.04	0.0254777
t-44	0.0156254	-0.0090909	0.0364907	0	-0.0251256	-0.0133333	-0.0196078	-0.0368098
t-45	-0.0411996	-0.0434783	0.0148179	-0.0519481	-0.0148515	-0.0131579	0.02	-0.0239521
t-46	-0.0111114	0.0648148	0	-0.0128205	0.0150754	0.0133333	-0.0384615	0
t-47	-0.0252715	0	-0.0146016	-0.0126582	0.0153061	-0.0131579	0	0
t-48	0.0036234	0	-0.0214203	0	0.0208333	-0.0379747	-0.0188679	0.0245399
t-49	-0.0212772	-0.0769231	-0.0277836	0.0128205	0.0052356	-0.0125	0	0.0061728
t-50	0.0035589	0.17	0.0069987	-0.0126582	0.0052632	0	-0.0185185	-0.0357143
t-51	0.0218188	-0.1452991	-0.0272166	-0.0125	0	0.0126582	0	0.05
t-52	0.0185189	0	0	-0.0123457	0.005291	0.0533333	-0.0181818	0
t-53	-0.0036902	0	-0.0067541	-0.0121951	-0.0307692	-0.025974	0.0185185	-0.047619
t-54	0.0037039	0	0.0068	-0.0120482	0.031746	-0.0128205	0.0188679	0.0120482
t-55	0.0074629	0	0	0.0121951	0	0	-0.0185185	0.0121951
t-56	-0.0147063	0	0	0	0.0106952	0.012987	0	-0.0295858
t-57	-0.0036631	0.0263158	0	0.0123457	-0.0053191	-0.0253165	0.0384615	0.0242424
t-58	-0.0144409	0	0	-0.0470588	0.0053476	0.0128205	0	-0.0350877
t-59	-0.0071686	0	0	0	-0.0053191	0.012987	-0.0188679	0.0239521
t-60	0.1027698	0	0	-0.0116279	-0.005291	0.0266667	0	-0.0233918
t-61	0.0039683	0	-0.0067541	0.0617284	0	-0.0131579	0	0
t-62	-0.0194558	0.1176471	0	0.0253165	-0.0104712	-0.012987	0.0192308	0.0058824
t-63	-0.003876	-0.1355932	0	-0.0125	-0.0205128	0.0131579	-0.0188679	0
t-64	0.0157485	0	0	0.025641	-0.025	0.0704225	0.0192308	0
t-65	0.0119483	0	0	0.0263158	0	-0.0138889	-0.0545455	0
t-66	0	0.008547	0	-0.0617284	-0.0196078	0.0434783	0.0377358	0.0240964
t-67	-0.0039643	-0.0084746	0	-0.0121951	0.009901	-0.0142857	0.0192308	0.0184049
t-68	0	-0.0084034	0	0	0	0	0	-0.0180723
t-69	0.0120444	0.017094	0.0068	0	0.0466321	0.0144928	-0.037037	-0.0674157
t-70	-0.0079683	0.0540541	0	-0.0238095	0.0157895	-0.0416667	0.08	-0.0111111
t-71	-0.0195277	0.0090909	-0.0067541	0.0120482	0.005291	0	0	-0.0055249
t-72	-0.0038912	0	0	-0.0119048	0.0053191	-0.0136986	0	0.0055556
t-73	0.0078435	0	0.0068	-0.0666667	0	0.0138889	-0.0196078	-0.0055249
t-74	0.0079053	-0.0434783	0.013796	0.25	-0.0309278	0	0	0.0111732
t-75	0.0039683	0.0267857	-0.0268433	-0.0526316	-0.020202	0.0285714	0.0408163	0.0170455
t-76	-0.0270277	-0.0508475	0	-0.0379747	-0.01	0.0144928	0	0
t-77	-0.0189398	0	-0.0324705	-0.0365854	0	-0.0142857	0	0.017341
t-78	0.0038023	0	0.0065334	0	0.0869565	0	0	-0.0114286
t-79	0.0193804	-0.0247934	-0.0254754	-0.0888889	-0.0366492	0	0	-0.0112994
t-80	0.0487775	0	0.0064077	0	0.0437158	-0.0140845	-0.02	0.0172414
t-81	-0.0080647	-0.0620155	0.0064569	-0.0217391	-0.031746	-0.0138889	0.0204082	0.0235294
t-82	-0.0236186	0.0078125	-0.0189876	-0.1636364	0.0327869	-0.0136986	0	0
t-83	-0.0305352	0	0.0063669	-0.0265487	0.0223464	-0.0135135	0.0208333	-0.017341
t-84	0.0155043	-0.0077519	-0.0063267	-0.0173913	0.0346821	0	-0.0204082	0.0176471
t-85	0.0078127	-0.0227273	0.0259717	0	-0.0057471	0.0136986	0	0
t-86	-0.0115833	0	0.0065334	-0.0254237	-0.0224719	0	0	-0.017341
t-87	-0.007663	-0.0222222	0	0	0	0	0	0.005814
t-88	-0.0150948	-0.0217391	0.0337869	-0.0406504	0.0113636	0.0138889	0	0.0177515
t-89	0.0231667	-0.0142857	-0.0263135	-0.016	-0.032967	0	0	-0.0287356
t-90	-0.0114507	0.0144928	0	0	-0.0162162	0	0	0.0419162
t-91	-0.0223887	-0.0071942	-0.0256464	-0.015748	0.0164835	0	-0.02	-0.0233918
t-92	-0.0147063	0	0.0263214	0	0.0581395	0.0285714	0	-0.0228571
t-93	-0.0144931	-0.0211268	0.0133281	-0.0305344	0	0.0447761	0	0
t-94	0.0222228	-0.0273973	0.0489573	0	-0.0057803	0.0151515	-0.0196078	0

Saham	AUTO	BCAP	BWPT	CLPI	CPIN	CTRP	EKAD	FORU
t-95	-0.0145989	0.0068966	-0.0205482	0.0076923	0.0359281	0.0153846	0	0.0115607
t-96	-0.0179216	-0.0202703	0	-0.0225564	-0.0290698	0	0.02	0.054878
t-97	-0.0071176	0.0068027	-0.0068082	0	0.0177515	-0.0151515	0.0638298	0
t-98	0.0035716	0.0208333	0.013796	0.0075758	0.0180723	-0.0149254	-0.0408163	0.0123457
t-99	0	0.0212766	0.013989	0.0153846	0.0440252	0.0151515	0.0208333	-0.0121951
t-100	-0.0070925	-0.0342466	-0.0069501	0	0.0127389	0.047619	0	0.0379747
t-101	0	0.020979	-0.0270246	0.0077519	0.0064103	0.016129	0	0
t-102	-0.0208338	0	0.0206899	-0.0076923	0	-0.015873	0.0212766	0
t-103	-0.0170618	0.0362319	0.013989	0.0077519	0.012987	0	0	0.0063694
t-104	0.0244725	0.0866142	0.0514682	-0.0152672	0	0.0327869	0	0
t-105	-0.043476	0	0.0225567	0	-0.0064516	0.0517241	-0.0208333	-0.0248447
t-106	-0.0292215	0.0241935	-0.0220591	-0.0223881	0.0064935	0	0	0.00625
t-107	-0.0128209	0.0247934	-0.0144958	0	0.0131579	-0.0169492	0.0212766	-0.0123457
t-108	-0.0126586	0.0431034	0	0.0075188	-0.0193548	0	0	0.0062112
t-109	-0.0125003	0.045045	0.014709	-0.0074627	0.0197368	0.0172414	-0.06	-0.0693642
t-110	-0.0184054	0.0673077	0.0074045	0.0075188	0.0066225	0	-0.0384615	-0.0494505
t-111	0.0124227	0.0947368	0.0227275	-0.0074627	0.0066667	0	0	0.0167598
t-112	0	0	0.0476195	-0.0218978	0.0273973	-0.0333333	-0.0188679	0.11875
t-113	0.0125789	-0.0104167	0.0500005	-0.0143885	-0.0135135	0.0169492	0.0192308	0.0457516
t-114	0	-0.0103093	-0.0322552	0.0530303	0	0.0172414	0.0196078	0.013245
t-115	-0.0093461	0	0.016387	-0.0075188	-0.0133333	0.0357143	0.02	-0.0065789
t-116	-0.0031056	0.0104167	-0.0081269	0	0	-0.0175439	0.0204082	0
t-117	-0.0122703	0	-0.0160033	-0.0148148	-0.0066225	-0.0338983	-0.02	0
t-118	0.0092882	0	0.0080711	0	0.0486111	-0.0166667	-0.0196078	-0.012987
t-119	-0.0241667	0.0105263	0.0081269	0.0227273	0	0.0344828	-0.0192308	0.0131579
t-120	-0.0321646	0.0106383	0.0081935	0	0	-0.0169492	0	-0.0065359
t-121	0.0239527	0.0217391	0	0.0076336	-0.0068966	0.0172414	0.0196078	-0.0129032
t-122	0.01829	-0.0212766	-0.0468753	0	0.0069444	0	0.02	0.0333333
t-123	-0.0208931	-0.0208333	0	0	0.006993	0	-0.1071429	-0.0131579
t-124	-0.0204683	0.0212766	-0.0153786	0.0076923	-0.0069444	-0.0169492	0	-0.0065359
t-125	-0.0058143	0.032967	0	-0.0298507	0.0140845	0	0	0.02
t-126	0.0330342	0.0581395	0	0	0.0441176	0.0172414	-0.0175439	-0.0066225
t-127	0	0.0487805	-0.051101	-0.0074074	-0.0422535	0.1153846	-0.0172414	0.0066667
t-128	0	0	-0.0072435	-0.0073529	0	0	0.0175439	-0.0131579
t-129	0	0	-0.0212768	-0.0072993	-0.0138889	0	-0.0338983	0
t-130	0.009091	-0.0238095	-0.0070395	-0.0486111	0.0285714	0.0196078	0	0.0066225
t-131	-0.0294125	0.0769231	0	-0.027027	0	0.0408163	0.0350877	-0.0065789
t-132	-0.0476202	0	-0.0273949	-0.0067114	0	0	-0.0172414	0
t-133	-0.0055712	0	0	0	0	-0.010101	0.0357143	0
t-134	0.0141247	0	0	-0.0066667	0.037037	0	0	-0.05
t-135	0.0662669	-0.0487805	-0.0457572	0.0273973	-0.0145985	-0.01	0	-0.0588235
t-136	0	-0.0465116	-0.006491	-0.0266667	0	0.010101	-0.0175439	0.0967742
t-137	0	-0.0337079	-0.0064491	0.048951	0	0.0102041	-0.0338983	0
t-138	-0.0148372	-0.021978	0.006491	0.0671642	-0.0214286	0	0.0350877	-0.0189873
t-139	-0.0058999	-0.0108696	0	0.046875	0.0144928	0.0208333	-0.0655738	-0.0705882
t-140	-0.0145354	-0.0416667	-0.0314493	-0.0153846	0	0	0	0
t-141	-0.0171431	0.0212766	-0.0647019	0.0077519	0.0298507	-0.0103093	0	0
t-142	-0.0112998	0	0.0179643	-0.0152672	0	0	0.0338983	-0.005848
t-143	-0.0084035	-0.0309278	0.0121164	0	-0.0074074	-0.020202	0	0.0118343
t-144	-0.0083337	-0.0102041	-0.0294074	-0.0223881	0.0546875	0	-0.0166667	0.0496894
t-145	0.0227279	-0.02	0	0	0.007874	0.0102041	0	0.00625
t-146	0	0	0	0	-0.0230769	-0.010101	-0.0322581	0.0526316
t-147	0	0.010101	0	0	-0.0298507	0	-0.03125	0.0133333
t-148	0	0.0421053	0	-0.0074074	-0.0147059	0.03125	-0.0153846	0
t-149	0	-0.0104167	0	0.0150376	0.0149254	-0.0204082	0.015625	0.0204082
t-150	-0.0028329	0	-0.0058527	-0.0220588	-0.0074074	-0.0392157	0	0.0208333

Saham	GGRM	GJTL	INDF	INTP	JKON	JPFA	KLBF
t-31	0	0	0	-0.020649	0	-0.0064935	-0.0143885
t-32	-0.0060764	-0.0338983	-0.0188679	-0.0087719	0	-0.0064516	0.0072464
t-33	-0.0179028	-0.0166667	-0.0275229	0.0058824	-0.0136008	0	0
t-34	0.0103359	-0.0243902	0.0092593	-0.005848	0.0137883	0.0763889	-0.0071942
t-35	-0.0102302	-0.0080645	-0.0181818	-0.0029155	-0.0068504	-0.0136986	-0.027972
t-36	0.0426667	0.0081301	0.0091743	-0.002907	0.0138911	0	0.0141844
t-37	0.0080645	0.0165289	0.0092593	-0.0254958	0.0069942	0.0138889	-0.0208333
t-38	0.0257353	-0.0081967	0.0093458	-0.008427	0	-0.0068966	0
t-39	-0.0180505	-0.0081301	-0.0092593	0.014245	0	0.013986	0.006993
t-40	0.0072727	0.0423729	-0.0091743	0.0203488	0	-0.0205479	0
t-41	0.0166359	-0.0166667	0.0186916	0.0147493	0	0	0
t-42	-0.0752137	0	0.009434	-0.0029412	-0.0069456	0	-0.0069444
t-43	-0.0274314	0.0169492	-0.0185185	0.0240964	0	0.035461	-0.0204082
t-44	0.0058528	0.026087	-0.0442478	-0.0148368	-0.0068977	0.0217391	0.027972
t-45	-0.0082919	0.0176991	-0.0087719	0.027439	-0.0136008	0.0072993	-0.0137931
t-46	-0.0008285	-0.0423729	0	-0.0179641	0	-0.0143885	-0.0136054
t-47	0.0066722	-0.0166667	0.0178571	0.0121212	0	0.0145985	0
t-48	0.0008347	0.0344828	-0.0088496	0.0122699	0	-0.0072464	0
t-49	0.043554	-0.0645161	0.018018	-0.0180723	0.0137883	-0.0071942	0.0137931
t-50	0	-0.008	-0.0176991	-0.003003	0	0.0220588	-0.0136054
t-51	0	0	0.0089286	-0.002994	0	-0.0072993	0.0068493
t-52	0	0.059322	0	0.0060241	0	0	-0.0068027
t-53	-0.0271186	0.0350877	-0.0175439	0.0152905	-0.0136008	0	-0.0134228
t-54	0.0172414	0	0.0178571	0.0092593	0	-0.0143885	0.0492958
t-55	-0.0042918	-0.025641	0.009009	0.015674	-0.0329	0	0.0215827
t-56	0.0219298	0.0086207	0.0090909	0.0031447	0.0201375	0	0.0072464
t-57	-0.012987	0.0841121	-0.0178571	0.0127389	-0.0066678	0	-0.0142857
t-58	0.0017346	0.038835	0.009009	-0.0063291	0.0067125	0.0220588	0.0071942
t-59	-0.0203908	0.040404	-0.0089286	0.0896552	-0.0132472	-0.0072993	0.0220588
t-60	0.0077055	-0.0294118	0	0.0069444	0	-0.0072464	0.0625
t-61	-0.014346	-0.0285714	-0.0088496	0.006993	0	0	0.007874
t-62	-0.0125	0.0294118	0.0089286	0	0	-0.0071942	0.0325203
t-63	0.0050251	-0.0285714	0	-0.0272109	-0.00658	0.0451128	-0.016
t-64	0.0084459	-0.009434	0	-0.0033898	0.0133355	-0.0074627	0.0080645
t-65	0.0286707	-0.0185185	0.0275229	-0.0100671	0	-0.0147059	0.0333333
t-66	-0.0376254	-0.0091743	0.0092593	0.0067568	0	-0.0072993	0.0169492
t-67	0	-0.0353982	0.0093458	0.0033898	0	0.1138211	0
t-68	-0.0033333	0	0.009434	0.0172414	0.0067125	0.0081967	-0.0084034
t-69	0.0058676	0.0366972	-0.0185185	-0.0268456	-0.0261415	0	-0.0245902
t-70	0.0205304	0.09	0	0.0136054	0	-0.0081301	0.0166667
t-71	0.0112457	0	0.0093458	-0.0033898	0	0	-0.04
t-72	0.0034722	-0.0196078	0	0.0314685	0	0.0336134	0.0080645
t-73	-0.0179028	0.030303	-0.0092593	0.0035088	-0.0377357	-0.0325203	0.0163934
t-74	-0.0216847	0.03125	0.0093458	-0.0172414	0	0	0.0166667
t-75	0.0092593	-0.030303	0.0190476	0.0069444	0	-0.016	0.025641
t-76	0.0067797	0.0206186	-0.009434	0.0034843	0	-0.0079365	0.0086207
t-77	0.0076857	0.0659341	-0.0093458	-0.0103448	-0.0062574	0.0327869	-0.008547
t-78	0.0308099	0	-0.0092593	-0.0333333	0.0666707	0.0082645	-0.0084746
t-79	-0.0078603	0.0224719	0.0093458	0.0169492	-0.0322568	0	0
t-80	-0.0137812	0	0.0288462	-0.0359477	-0.0064113	0.0168067	0.008547
t-81	0	0.0348837	-0.0095238	-0.0223642	0.0064527	-0.0165289	0
t-82	0.0139738	0.0117647	0.0096154	0.0398671	0	0.0083333	0.0173913
t-83	-0.028838	-0.0116279	0.0097087	0.0415225	-0.0064113	0	-0.0086207
t-84	0	0.0117647	0.03	-0.0034483	0	0.0084034	-0.008547
t-85	0.0708447	-0.0116279	0.010101	-0.0034364	0.0064527	0.0258621	0.0263158
t-86	0.0128795	0.0238095	0.0206186	0.0282686	0.0264876	-0.0252101	-0.0338983
t-87	0.0149393	-0.0117647	-0.0102041	-0.0139373	0	0	0.008547
t-88	-0.0046468	0.0119048	-0.0150754	-0.0304054	-0.03205	-0.0083333	0.0263158
t-89	0.03861	0.0120482	0.0153061	-0.003367	0.0833327	0.0169492	0
t-90	0.003876	-0.0348837	0	0.0136519	-0.0709663	0	-0.025641
t-91	0	-0.0227273	0.015544	0	-0.031255	0.0172414	0.0353982

Saham	GGRM	GJTL	INDF	INTP	JKON	JPFA	KLBF
t-92	0	0.0352941	-0.0102564	0.0316901	0	0.0265487	0.0366972
t-93	-0.0208729	0.0119048	-0.0101523	0.0479705	0.0738308	-0.0087719	-0.0438596
t-94	-0.0037807	0.0120482	-0.0050505	-0.0424028	0	0.0178571	-0.0172414
t-95	-0.0293578	0.0246914	0	-0.0308219	-0.0066678	-0.0344828	0
t-96	-0.0197842	-0.0121951	-0.01	-0.003413	0	-0.0252101	0
t-97	-0.0124334	0	0.0309278	0.0539568	-0.0066236	-0.0245902	0
t-98	0.0162455	0	0.0051813	0.0296296	0	-0.0081301	0.0086957
t-99	0.0027149	-0.0238095	0.0052083	0	0	-0.0080645	0.0176991
t-100	-0.0212578	0.0243902	0.0105263	-0.0217391	0	-0.008	-0.0258621
t-101	0.0217195	0	-0.0104167	-0.0383275	0.0202736	0.0330579	0
t-102	0.0128323	-0.0120482	0	-0.0369128	-0.0133355	0	-0.0333333
t-103	-0.0345133	-0.0119048	-0.0204082	-0.0033445	0	0.0083333	0.0810811
t-104	-0.0096407	-0.0232558	0.0103093	-0.0132013	0	0.0344828	0.0471698
t-105	-0.0017498	0	0.0051813	0.0066445	0	0.0175439	-0.0363636
t-106	0.0178094	-0.0227273	0.0265957	0.006689	0	0.027027	-0.0434783
t-107	-0.0105727	-0.011236	0.0053476	0.0033557	0	-0.0431034	-0.017094
t-108	0.0677328	0.0113636	-0.0053191	-0.0066667	0	-0.0252101	-0.0168067
t-109	0.0421569	0	-0.005291	-0.0654206	0	-0.0325203	0.0084746
t-110	-0.0182868	-0.011236	0.016129	-0.0272727	0.0135157	-0.016	-0.0327869
t-111	-0.0316869	-0.0111111	-0.0053476	-0.0149254	0	0.0245902	0.0252101
t-112	0.0170616	0	-0.0157895	0.0090361	0.0068039	-0.016129	-0.0403226
t-113	-0.0231481	-0.010989	-0.015544	0.0342679	-0.0200033	0.0163934	0.1171171
t-114	-0.0018484	0.0224719	0.021164	0.0062696	0	0	-0.059322
t-115	-0.010064	-0.0111111	-0.0052632	-0.0154321	0.0638255	0.0166667	-0.0634921
t-116	0.0101664	0.011236	0	-0.006135	0	-0.0163934	-0.0307692
t-117	-0.0216998	0	0.0215054	0.0061728	-0.0070434	-0.046875	-0.0225564
t-118	0.0091241	-0.021978	-0.0106383	-0.006135	0.014288	-0.030303	0.0075758
t-119	-0.0036364	0	-0.0208333	0	0	-0.0149254	-0.0075188
t-120	0	0	-0.0153846	-0.0030581	0	0.0307692	0.0230769
t-121	-0.0299824	0.0224719	0.0209424	0	-0.0140867	0.023622	0.015625
t-122	0.0134048	0.0113636	0.010582	0.0030675	0	0.0079365	0.024
t-123	-0.0140969	-0.0222222	0.0327869	0.01875	0	-0.007874	0
t-124	-0.0207075	0.011236	0.0110497	0.0191083	0	-0.0078125	-0.0079365
t-125	-0.0202874	0	-0.0054945	-0.015674	0	0	-0.015625
t-126	0.0171969	0	-0.037037	-0.0123839	0	0.015873	-0.0077519
t-127	0.0008606	0.0113636	-0.0104712	0.0125392	-0.006987	0.0243902	0.032
t-128	0.0192982	-0.011236	-0.0103627	0	0	-0.016	0.0330579
t-129	0.027027	0	-0.0102564	-0.0244648	0	0.0080645	-0.0241935
t-130	-0.0185676	0	0.031746	-0.0382353	-0.0069456	-0.03125	-0.0746269
t-131	-0.0148084	0.0113636	0.0053191	0.0240964	0	0.007874	-0.0496454
t-132	-0.0017391	0	0.038674	0	0	0.0079365	-0.0275862
t-133	-0.0069085	0	-0.010929	0.0091185	0.1900794	-0.0381679	-0.0397351
t-134	0.0069565	0	-0.031746	-0.0294985	0.2474197	-0.0075758	0
t-135	0	-0.011236	-0.0257732	0.0149701	-0.0101954	-0.0222222	0.0202703
t-136	-0.010327	0.0113636	-0.020202	0.0060241	0	-0.0073529	-0.0067114
t-137	0.0008613	-0.0222222	-0.0294118	-0.020649	0	-0.035461	0.0136054
t-138	0.0017256	0.0344828	0.030303	0.0149701	0	0	0.027972
t-139	-0.0034394	0	0.0153846	-0.0346821	0	0.0071429	0.0214286
t-140	-0.0169062	0	0	0.0028986	0	0	0
t-141	0	-0.0333333	0.0103627	-0.0114613	0	0.0071942	0.0526316
t-142	-0.022314	0	0.0376344	-0.0196629	0	0.0220588	-0.0431655
t-143	-0.0154597	-0.010989	0	0.0200573	0.1136316	-0.0285714	0.0072464
t-144	0.007377	0	0	0.041791	0	-0.0140845	0.0454545
t-145	-0.0065147	0.0111111	0	-0.0147059	-0.0222147	-0.0273973	0.0232558
t-146	-0.022293	-0.010989	0	0	0	0.020979	0.0078125
t-147	-0.0055424	-0.0108696	0.0391061	-0.025788	0	-0.0137931	0
t-148	0.0152733	-0.0107527	0	0.0028736	0	-0.0268456	0.0322581
t-149	-0.0016051	0.021978	-0.0110497	-0.0197183	0	0.0347222	0
t-150	0.004029	0.0111111	-0.0268817	0.0056657	0	0.006993	0.0081301

Saham	LPGI	MICE	MLPL	MPPA	PGAS	PTPP
t-31	0.0130719	0	-0.031746	-0.0120482	0.0047393	-0.0447761
t-32	0.02	-0.03125	-0.0307692	-0.0348837	0.0193237	0
t-33	0.0714286	0	-0.0151515	-0.0057803	0.0381143	0
t-34	0	0.0491803	0.047619	0.0176471	0.0142421	-0.0289855
t-35	0	0.0166667	0.016129	-0.039548	-0.0090726	-0.0142857
t-36	0	0	0	0.0662651	0	0.0144928
t-37	0	-0.047619	0.0689655	0.0709677	-0.008	0
t-38	0	-0.0597015	0	0.0544218	0	0
t-39	0.0071942	0	-0.1076923	-0.1197605	0.0111223	0
t-40	0	0	-0.0151515	0.0245399	0.0010121	0
t-41	0	-0.0428571	0.0645161	0.0448718	0.0081633	-0.0142857
t-42	0	-0.0140845	0.0163934	0.0196078	0	0
t-43	0.0610687	0.0923077	0.0338983	0.02	0.0071942	0.0144928
t-44	-0.0223881	0.0833333	-0.0166667	0.0067114	-0.0171717	-0.0142857
t-45	0.0307692	0.0344828	-0.0163934	-0.0197368	-0.01	0
t-46	0	0.1153846	0	0.0340136	0	0
t-47	0	-0.1186441	0.0701754	-0.0636943	-0.009901	0.0447761
t-48	0.0483871	0.2421053	-0.0952381	-0.1420765	0	-0.0289855
t-49	0.0973451	0.1176471	-0.015625	0	0.0171198	0.0147059
t-50	0.0272727	0	0	0	0.0020182	-0.0285714
t-51	0	0	0	0.0166667	0.005071	0.0144928
t-52	0.0377358	0.0119048	-0.0588235	0.0169492	0.0292276	-0.0142857
t-53	0	-0.0232558	0	-0.0111732	-0.0031217	0
t-54	0	-0.0114943	0.0149254	0.0112994	0.0010417	0.0769231
t-55	0	-0.0113636	0	0.0172414	-0.0051813	-0.0298507
t-56	0	0.0114943	-0.0821918	-0.0224719	-0.0010352	-0.0428571
t-57	0	0.0116279	0.0428571	-0.0326087	0	0
t-58	-0.0093458	-0.0227273	0.25	0.0054645	0.0020747	-0.0140845
t-59	-0.0272727	-0.011236	0.0181818	0.0517241	0.0158061	-0.0273973
t-60	-0.2465753	0.0113636	-0.0517241	-0.0113636	-0.0093946	0.0138889
t-61	0	-0.011236	0.0943396	0.0057143	0.0041929	0
t-62	0	-0.0111111	0.0392157	0	0	-0.0136986
t-63	0	-0.0322581	0.1086957	0.035503	0.0021008	0.0138889
t-64	0	-0.0106383	0.0454545	0.0696203	0.0347826	0
t-65	0	0.032967	0	0.0748299	0.0087719	0.0140845
t-66	0	0.0340909	0	0.0208333	-0.0297872	0.0441176
t-67	0	0.0114943	-0.0222222	0	0.0032017	0
t-68	0	0.0357143	0.0227273	-0.0068966	-0.0084656	0
t-69	0	-0.0232558	-0.0222222	-0.0333333	0.0053191	0.0149254
t-70	0	0.0617284	-0.0217391	0.0135135	0.001065	-0.0289855
t-71	0	0.0519481	-0.0212766	0	0.0706956	0.0147059
t-72	0.168	-0.0128205	0.0217391	-0.0133333	0.0293427	0.030303
t-73	0.1792453	0.012987	0.0697674	-0.0131579	-0.0251716	0.0153846
t-74	0	-0.0128205	0.0487805	0.0201342	-0.0113122	-0.0151515
t-75	0	0.0263158	-0.0238095	0.0567376	0	-0.0294118
t-76	0	-0.012987	-0.0454545	0	-0.0033822	-0.0285714
t-77	0	0.0131579	-0.0434783	0.0217391	0.036215	0.0294118
t-78	0	0.027027	0	0.0072993	0.0070588	0.030303
t-79	-0.0093458	0.0277778	-0.0416667	-0.0072464	-0.0046838	0.0819672
t-80	-0.0092593	0	0	-0.0142857	-0.0295455	-0.046875
t-81	0	0	0.0212766	-0.0277778	-0.032967	-0.030303
t-82	0	0	-0.0208333	-0.0136986	-0.0108696	0.137931
t-83	0.0093458	0	0.0434783	0	0.027933	-0.0333333
t-84	-0.0932203	0	0.0222222	0	0	0.0169492
t-85	0	-0.0136986	0	-0.0201342	0	0
t-86	0.1132075	0	0	-0.0066667	0.0170455	0.0172414
t-87	-0.0862069	0.0138889	0	0.048951	-0.0167598	-0.0169492
t-88	0	-0.027027	0	0.0141844	0	0.0172414
t-89	0	0.0136986	-0.0625	-0.0208333	0	0

Saham	LPGI	MICE	MLPL	MPPA	PGAS	PTPP
t-90	0	0	0.1707317	0.0140845	-0.0055556	0.0175439
t-91	0	0	0.0732984	-0.0469799	0	-0.0338983
t-92	-0.0333333	0.0138889	-0.0103627	0.0642857	-0.0163934	-0.0166667
t-93	0	-0.0136986	0.0052083	0.0218978	-0.0054348	-0.0163934
t-94	0	0.028169	0.0105263	0.0223881	0.0165746	0
t-95	0	-0.0273973	-0.015544	-0.0074074	0.0111732	0
t-96	0	0.0138889	0	0	-0.0324324	0.0517241
t-97	0	0	-0.0102564	0.0074627	-0.0263158	0.0175439
t-98	0.0344828	-0.0136986	0	-0.0218978	-0.025641	-0.0338983
t-99	0	0	0	-0.041958	0.0051546	0.0172414
t-100	0	0.0138889	0.0051546	-0.0337838	0.0051813	0.0175439
t-101	-0.0333333	0.0140845	-0.0251256	0.0206897	-0.0051546	-0.0338983
t-102	0	0	0.0153061	-0.0268456	-0.0051282	-0.0327869
t-103	0	0.0441176	-0.1659574	0.0136054	0	-0.016129
t-104	0.0169492	0	0.2912088	-0.0328947	-0.005102	0.0163934
t-105	0.008547	0	0.0581395	0.0704225	0	-0.031746
t-106	0.0086207	0	0.34375	-0.0897436	0.0103093	0
t-107	0	-0.0144928	-0.0077519	0.248	0.0051813	-0.0307692
t-108	0.1047619	0	0.0078125	0.059322	0.021164	-0.057971
t-109	0.05	0.0147059	-0.037594	0.2421053	0.0617978	0.0454545
t-110	0.0204082	-0.0422535	0.0813008	0.0106383	-0.0631579	0
t-111	0	0	0.0165289	-0.0105263	-0.0104167	0.03125
t-112	-0.02	0	0.0083333	0	0.026738	-0.030303
t-113	0.0309278	0	-0.047619	0	-0.0053191	-0.0149254
t-114	-0.020202	0	0.1666667	0.0106383	-0.0408163	-0.0428571
t-115	0.0102041	-0.0138889	0.125	0	-0.0050761	-0.0277778
t-116	0	0	-0.0103093	-0.0105263	0.0154639	0
t-117	0	-0.0136986	0	0	-0.0152284	-0.027027
t-118	-0.02	-0.0135135	0	0	-0.015	0.0277778
t-119	0.0309278	0.0422535	0	0.0106383	-0.009901	-0.0649351
t-120	-0.020202	0	0	0	0.020202	0.0694444
t-121	0	0.0289855	0.0210526	0	0.0050761	0.0588235
t-122	0	0.0147059	-0.0104167	0	-0.015	-0.0422535
t-123	-0.0294118	0	0.0105263	0	0.0050251	-0.0533333
t-124	-0.0097087	0	0	0	0.0050505	-0.025974
t-125	0.040404	0	-0.0206186	0	0	0
t-126	-0.019802	0	-0.0102041	0	-0.0050251	-0.0375
t-127	0	0	0.0103093	0.0217391	-0.0245098	0
t-128	-0.0288462	0	0.0104167	-0.0107527	-0.0097087	0.0126582
t-129	-0.0458716	0.030303	-0.0204082	0.0333333	0	0.025974
t-130	0	-0.0149254	0	-0.0322581	0.019802	0
t-131	0.1122449	-0.0147059	0	0.0108696	0.0150754	0.0405405
t-132	-0.02	-0.0144928	-0.029703	0.010989	-0.0339806	0.0136986
t-133	0	-0.0142857	0.01	-0.0108696	-0.0096154	-0.0641026
t-134	-0.0384615	0.0144928	0.0309278	-0.0107527	-0.0188679	0
t-135	-0.0095238	0.0147059	0.0104167	-0.0106383	-0.0275229	-0.037037
t-136	0.05	0	-0.0103093	0.0107527	0.0186916	0
t-137	0.0309278	0.0149254	0.0319149	-0.0106383	-0.0183486	0.0253165
t-138	0.0104167	0	-0.0208333	0.0107527	0.0092593	-0.0365854
t-139	0	-0.0147059	0.0322581	0.0108696	-0.0091743	-0.0120482
t-140	0	0	-0.0106383	0	0	0
t-141	0	-0.0285714	0.0107527	0	0	0
t-142	-0.0204082	0	0	0	0.0186916	0.0246914
t-143	0.0208333	-0.0140845	-0.0210526	-0.0212766	0.0190476	-0.0240964
t-144	-0.030303	0.0142857	0	-0.0208333	-0.0186916	-0.0119048
t-145	0	0	-0.0104167	0.0105263	0.009434	-0.0117647
t-146	0.03125	0.0294118	0.0212766	0.0106383	0.0095238	0
t-147	0	-0.0422535	0	-0.0208333	-0.009434	0
t-148	-0.0679612	0	0.0444444	0	-0.0093458	-0.0116279
t-149	-0.0190476	0.0289855	-0.0425532	-0.0103093	0.009434	0
t-150	0.05	-0.0142857	0.0107527	0.0777778	0.0192308	-0.0114943

Saham	RALS	SCMA	SGRO	SMAR	SMGR	SMRA	SMSM
t-31	0	-0.0802139	0	-0.0294118	0.03125	0.0089286	0.0322581
t-32	-0.0135135	0	0	0.0625	0.0596026	0.009009	0.0508475
t-33	0.0136986	0.0388889	-0.0215827	0.0491803	-0.0016529	0	0
t-34	-0.0266667	0	0.0296296	0.042735	-0.0210356	-0.0176991	0.0172414
t-35	0.0135135	0	-0.0073529	-0.0168067	0.0098039	-0.0258621	-0.0333333
t-36	-0.0133333	0.0227273	-0.0072993	-0.0083333	0	-0.0333333	0.0084034
t-37	-0.0384615	0	-0.0283688	0.0714286	0.013245	-0.0082645	0.017094
t-38	0.012987	0.0232558	0.0217391	0	0.0151261	-0.0081967	0.0086207
t-39	-0.0253165	0.0238095	-0.0212766	0.0181818	0.0119048	-0.031746	-0.0333333
t-40	0	0.005988	-0.0070423	0	0	0	-0.0082645
t-41	0	0.0121212	0.0518519	-0.0178571	-0.02	0.016129	0
t-42	0	0.03125	0.0465116	0.0566038	0.0380623	0.0163934	-0.0081967
t-43	-0.0125	0	-0.0076923	0	0.0052174	0.0338983	0.0166667
t-44	0	-0.0419162	0	-0.0093458	-0.0187713	0.0172414	-0.047619
t-45	0.0126582	0.0060241	0	-0.0092593	-0.0167785	-0.0333333	0.008
t-46	-0.0125	0	0	0	-0.0116086	0	-0.0310078
t-47	-0.0123457	0.0246914	0	0.0093458	-0.0016556	0.0526316	0.0661157
t-48	0.0384615	0.0125	0.015625	0	0.0066667	-0.0338983	0.0168067
t-49	0.012987	0	-0.0153846	0.009434	0	0	0.0347826
t-50	0	-0.0123457	-0.0298507	0	-0.0147783	0.0172414	0.0648148
t-51	-0.0253165	0.0588235	0.0151515	-0.0093458	0.0252525	0.0086957	0
t-52	0.0128205	-0.0316456	0.03125	0	-0.0165563	0.0176991	-0.0091743
t-53	0.0263158	-0.0246914	0.007874	0	0	0	0
t-54	0	0.0253165	0	0	0	0.0089286	-0.0090909
t-55	-0.0379747	0	0.0079365	-0.0092593	0.0016584	-0.0088496	0.0280374
t-56	0	-0.0365854	0.0243902	0	0.0083612	-0.0258621	0.0288462
t-57	-0.0125	0.0379747	-0.0314961	-0.0181818	0.0274914	0.0357143	0.029703
t-58	0.0126582	0	0	0.0091743	0.0086655	-0.0088496	0.01
t-59	-0.0125	-0.0246914	-0.0155039	0.0283019	0.0396396	0.0089286	-0.0196078
t-60	0.038961	0.0125	-0.0227273	0.06	-0.0089286	-0.0344828	-0.0097087
t-61	-0.0375	0.038961	0.0076336	0	-0.0140845	0.045045	0
t-62	0.0126582	0	0	-0.0384615	0	0.0277778	0
t-63	-0.0125	0.0131579	0.0737705	0	-0.0138889	-0.0091743	0
t-64	-0.0123457	-0.0193548	0.0082645	-0.0095238	0.0285714	0.0092593	-0.0096154
t-65	-0.0121951	0.0472973	0.0083333	0	0.0017889	0.0188679	0
t-66	0	0	0	0	-0.0395189	0.049505	0
t-67	-0.0120482	0	0.025641	0.0714286	-0.0234899	0.020202	0
t-68	-0.0119048	-0.0632911	0	-0.02	0.0153322	0.0102041	0.0196078
t-69	0.0243902	0.025974	0.0353982	0	-0.0200334	-0.010101	-0.0192308
t-70	0.025	-0.0552147	0.0272727	0	-0.0066335	-0.01	0
t-71	-0.0243902	-0.0180723	0	0.010101	-0.0082237	0.010101	-0.0280374
t-72	0.0379747	0	0.0091743	0.0102041	0	-0.01	0.009434
t-73	0.0394737	-0.005988	-0.018018	0	-0.030303	-0.009901	0.0291262
t-74	-0.05	0.0121212	0	0	0.0096618	-0.0194175	0.0098039
t-75	0.025641	0.0185185	-0.0176991	0	0	-0.0096154	0
t-76	0.0833333	0.0188679	0	0	0.0419463	0.0097087	0
t-77	-0.0649351	0.0192308	0.0272727	0	0.0567376	0.03	0
t-78	0	0.0263158	0.0091743	0	-0.0017699	0.010101	0
t-79	0.0131579	0	-0.0090909	0	-0.0105079	0.0102041	0
t-80	-0.025641	0	0.0185185	-0.02	-0.0017483	-0.02	0
t-81	-0.0126582	0	0.0093458	0	-0.0034843	0	0.0408163
t-82	0.025974	0	-0.0183486	0	-0.0103448	0	0
t-83	0.0405405	0	0.0480769	0	0.024735	0.010101	0
t-84	0.0136986	0	-0.0095238	0	0	-0.01	0
t-85	0.028169	0	0	0	0	-0.0196078	0.0208333
t-86	0	0	-0.0277778	-0.0196078	0.0071174	0.009901	-0.0103093
t-87	-0.0533333	0.0857143	0	0.009901	0.0035714	0.01	-0.020202

Saham	RALS	SCMA	SGRO	SMAR	SMGR	SMRA	SMSM
t-88	-0.0131579	0.0144928	-0.0181818	0	0	0	0.0102041
t-89	-0.025641	0	0	0.020202	0	0.0638298	0.0208333
t-90	0.0263158	-0.0142857	0.0091743	-0.01	0	0	-0.0103093
t-91	0.0704225	0	-0.0090909	-0.0291262	0.0035842	0.0217391	0.0210526
t-92	0.0142857	0	-0.0178571	-0.0190476	0.0035971	0.0454545	-0.0306122
t-93	-0.0277778	0.0218978	0	0.039604	0.0296296	0.0114943	-0.010101
t-94	-0.027027	0	-0.0088496	0	0.026616	0	0
t-95	-0.0133333	-0.0072464	0.018018	-0.0194175	0.0193798	-0.0224719	-0.01
t-96	0	-0.0071942	-0.0431034	-0.0096154	-0.0076923	0.0470588	0.0204082
t-97	0	0.0072464	-0.0252101	-0.0095238	-0.0038314	-0.0229885	0
t-98	0	0	-0.0083333	0.0194175	-0.0150943	0	0
t-99	-0.0131579	0	-0.0082645	0	0.0076046	0	0.0103093
t-100	0.0133333	0	0.034188	0.0098039	0.0273438	0	-0.0102041
t-101	-0.025974	-0.0071942	0.0263158	0.02	0.0039216	-0.0224719	-0.02
t-102	-0.0375	-0.0071429	-0.0172414	-0.0384615	0	-0.0430108	0.010101
t-103	0.0126582	0.0071942	0	0.0196078	-0.0039063	0	-0.01
t-104	0	0.0145985	0	0.009901	-0.0191571	0.021978	-0.0384615
t-105	0.0128205	-0.0143885	0.0086957	-0.0098039	-0.0076046	0.045977	-0.0188679
t-106	-0.0487805	-0.0071429	0.0267857	0	0.0273438	-0.0744681	0.0095238
t-107	0	0	-0.026087	0	-0.0038911	-0.06	0
t-108	0.0123457	0	-0.0254237	-0.0192308	-0.003876	0	0
t-109	-0.0581395	-0.020979	-0.0483871	0.0196078	0.0238095	0	0.0096154
t-110	0	0.0214286	0.0081301	-0.0192308	-0.0194553	0	0.0097087
t-111	0	0	-0.0080645	0.04	-0.007722	-0.009901	-0.0096154
t-112	-0.0114943	-0.0410959	-0.023622	0	0.003876	0.01	0.029703
t-113	0.0116279	0	-0.0155039	0	0	0	-0.0288462
t-114	0.0117647	0.0428571	0.032	0	-0.0264151	0	0.0097087
t-115	-0.0116279	-0.0140845	0.0330579	0.0204082	0.0076046	0	0
t-116	0.0117647	-0.0405405	-0.0162602	-0.0485437	0.015444	-0.0384615	0.019802
t-117	0	0.0571429	-0.0465116	0.03	-0.0076628	-0.0280374	-0.0098039
t-118	-0.0116279	-0.020979	-0.0444444	0	0.0116279	0.0190476	-0.0377358
t-119	0.0238095	0.0070423	-0.0073529	0.0526316	-0.0408922	0	-0.0185185
t-120	0	0	-0.0144928	-0.05	-0.0037037	-0.0277778	0.0093458
t-121	-0.0232558	0.0142857	0.0615385	-0.009901	-0.0073529	-0.0091743	-0.0092593
t-122	0.0117647	0	0.023622	-0.0471698	-0.0180505	0	0
t-123	-0.0229885	0.0071942	0.0241935	0.0192308	-0.0035971	0.0092593	0.0188679
t-124	0.0116279	0.0451128	0	-0.037037	-0.0035842	-0.0442478	0.049505
t-125	0.0487805	0	0.0247934	0.08	0	-0.0087719	-0.0098039
t-126	-0.0238095	0.0390625	-0.0081967	0	0.0035971	0	0.009901
t-127	0	0	0.0082645	-0.009901	-0.0313589	0.0088496	0.0412371
t-128	-0.0232558	0.007874	0	0.01	0	0.0366972	-0.0490196
t-129	-0.0227273	-0.0305344	0	0.010101	0.0034965	0.0283019	0.030303
t-130	0.0352941	-0.0150376	-0.0081967	0	0	-0.0535714	-0.01
t-131	0.0119048	0.0075758	0.042735	0.0050761	-0.0069444	0.009009	-0.0291262
t-132	0.0120482	-0.0434783	-0.025	-0.015	0.006993	-0.0263158	-0.0283019
t-133	0	0.0072993	-0.0163934	0.0050251	0.0106007	0.0088496	0.0095238
t-134	0.0506329	-0.0551724	0	-0.005	0.0143369	-0.0087719	0
t-135	0	0.0069444	-0.0081301	0.0309278	-0.037931	0	-0.009434
t-136	-0.0246914	0.0434783	-0.0238095	-0.0251256	-0.0136054	-0.0172414	0
t-137	-0.0240964	-0.0142857	-0.015625	-0.0245098	0.0315789	0.0265487	0.0192308
t-138	0	0	0.007874	0	0.0215054	0.0272727	-0.037037
t-139	-0.0119048	0	0.0241935	0.009901	-0.0210526	0	0.0188679
t-140	-0.0117647	0.0606061	-0.008	-0.0194175	0	0.0280374	0
t-141	0.0119048	0	0.0504202	-0.0096154	0	0	-0.0093458
t-142	0.0120482	0	0.0084746	0.0452261	0.0288809	-0.0614035	0
t-143	-0.0119048	0	0.008547	-0.0245098	0.0183824	-0.0172414	0.0190476
t-144	0.0243902	-0.0075188	0	0.035533	0.0342205	0.0175439	-0.0186916
t-145	0.0379747	-0.0074627	-0.025	0.005102	0.0273438	0.0088496	-0.0092593
t-146	-0.0813953	0.0075188	0.0169492	0.0103093	-0.0077519	-0.0173913	0
t-147	-0.0337079	0	-0.0084034	-0.03	-0.0444444	0.0176991	-0.0091743
t-148	0	-0.05	-0.0245902	0.0309278	0.0150376	-0.0173913	0
t-149	-0.0111111	0.09375	-0.0081301	-0.020202	0	-0.0416667	0.0092593
t-150	0	0.0578512	0.0081967	0	0.0230769	-0.0082645	0.0093458

Saham	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
t-31	-0.019232	0	0	0.0185185	-0.0066667	-0.0142857
t-32	0	0	-0.0106383	-0.006135	0.0067114	0.0294118
t-33	0.0097068	0	0.0107527	0.01875	-0.0033445	0.0149254
t-34	0.0198033	-0.0192308	-0.0106383	0.0207337	0	0
t-35	0.0744703	0.0196078	0	-0.011041	-0.0033333	-0.0289855
t-36	0.0329663	0.02	-0.0105263	0	0	0
t-37	0	-0.0196078	0	0.0079491	-0.0131579	0.0298507
t-38	0.0111089	0	-0.0104167	0.0448505	-0.0065359	-0.0147059
t-39	-0.0217405	0.0408163	0.0105263	0.0083752	0	0.0149254
t-40	0.0222236	0	-0.0206186	0.0153061	0	-0.0147059
t-41	-0.0816325	-0.02	0	-0.010101	0.0032787	0.0149254
t-42	0.0208347	0	-0.0102041	0.0033784	0	-0.0147059
t-43	-0.0400025	0.0204082	0.0103093	0.0050934	0.0032895	0.0149254
t-44	-0.019604	0	-0.0102041	0.0068376	-0.009772	0
t-45	0	0	0.0103093	-0.0184564	0.003268	0
t-46	-0.0097119	0	0	0.0084602	0.009901	0.0151515
t-47	-0.0096135	-0.02	0.0319149	-0.0050505	0.01	0
t-48	-0.0188691	-0.0196078	0.032967	0.0033784	0.0033445	-0.0149254
t-49	0.0095219	0.0408163	0	-0.0016863	0	0.0307692
t-50	-0.0186879	-0.02	0	-0.0050336	-0.0099338	0.031746
t-51	0.0094321	0	0	0.0153322	-0.0033003	0.016129
t-52	-0.009344	0	0	0.012069	0	-0.015873
t-53	-0.0092623	0.0204082	0	0.0265487	0.0033113	-0.015625
t-54	0.0693088	-0.02	0.0111111	0.0329068	-0.0130719	-0.0153846
t-55	0.0306115	0.0204082	0.0344828	-0.0072595	0	0.015625
t-56	-0.0200013	0	0	-0.0247788	0	0.015873
t-57	0.0638341	0.0208333	-0.0224719	-0.0325342	0.0065789	0
t-58	0.0329663	0	0	-0.0250417	-0.0161812	-0.015625
t-59	0	-0.04	-0.0111111	0.0084175	0.0098039	0
t-60	-0.0215068	0.0204082	0.0344828	0.0033784	0	0
t-61	0	-0.02	-0.0224719	0.0277778	0	0.015873
t-62	0.0108674	0.0204082	0	-0.0103093	-0.0285714	0.016129
t-63	-0.0107506	0	0.0113636	0.0069204	-0.015625	-0.03125
t-64	-0.0106362	0	0	0.0034722	-0.0184049	-0.0153846
t-65	-0.0105297	-0.02	0	-0.0103093	0.0219436	-0.0151515
t-66	0	0	-0.0222222	0.0017212	-0.0062305	0
t-67	-0.0104146	0	0	-0.0102215	0.0288462	0
t-68	-0.0103126	0	-0.010989	0.0463458	-0.0310559	0
t-69	0.0104201	0	0	0.0017857	-0.0271903	0
t-70	0	0	0	-0.042735	0.006079	0.0153846
t-71	0.0322573	0.0204082	0.0111111	-0.0151515	-0.0030303	-0.0151515
t-72	0	0	0	0.0223752	-0.0178571	0.0153846
t-73	-0.0312493	-0.02	0	0.0246914	0.005988	0.0483871
t-74	-0.0303024	0.0204082	0	0.0179533	-0.0029851	0.0163934
t-75	-0.0100032	0.0208333	0.011236	0	-0.0029762	-0.016129
t-76	0	0	-0.0111111	0	-0.0059172	0.0163934
t-77	0	-0.04	0	-0.0088968	0.011976	0.0166667
t-78	0	0.0204082	0.011236	-0.0140351	0.0121212	-0.0163934
t-79	-0.009899	-0.02	0	0	0.0185185	-0.016129
t-80	-0.009802	0.0204082	0	0	-0.0030769	-0.015873
t-81	-0.0097119	-0.02	-0.021978	0.0088496	0.0030864	0
t-82	-0.0096135	0.0204082	0	-0.034188	0.0451613	0.016129
t-83	-0.0188691	0	0.0224719	0.0299296	-0.0064103	0.0163934
t-84	-0.009344	0.0208333	0	0.0252708	-0.0063694	0
t-85	0	-0.0204082	0	0.0183824	0.0295082	0
t-86	0	-0.02	0.0348837	0	-0.012945	-0.031746
t-87	-0.0092623	0	0	-0.035461	-0.0032258	0
t-88	-0.0091725	0	0	-0.0035336	0.0367893	0.0327869
t-89	-0.0090891	0.0416667	0	0.0500928	-0.0132013	0.0338983
t-90	0	-0.04	-0.0227273	0.005597	0.0448276	-0.0327869
t-91	0.0185148	-0.0384615	-0.0222222	-0.018315	-0.0068493	-0.016129
t-92	-0.035712	0	-0.010989	-0.0054645	-0.003413	-0.03125
t-93	-0.0088524	0	0.0111111	0.0397727	-0.0233333	-0.0153846

Saham	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
t-94	0.0089315	-0.0188679	0	0.0153846	0.0033445	0
t-95	-0.0088524	0.0392157	-0.0322581	-0.0132827	-0.0385852	-0.0298507
t-96	0.0089315	-0.0192308	0.0333333	0.0213178	-0.0126984	0.0151515
t-97	-0.0344849	0.0196078	0	0.0217822	0.0327869	0.03125
t-98	0.0450456	0.02	0	0.007984	0.0099338	0.0666667
t-99	0.0183498	-0.0566038	0	0.0060241	0.0033223	-0.0322581
t-100	0	0.0192308	0	0	0.0100671	-0.0461538
t-101	-0.0090891	0.0196078	0	-0.0158103	0.0067568	-0.0298507
t-102	0	0.02	0	-0.003937	0.0385965	-0.0147059
t-103	0	0	0	0.0221328	0.0070671	-0.0144928
t-104	0.0091725	0.0204082	-0.010989	-0.0138889	0.0107143	0
t-105	-0.0180192	0	0.0111111	-0.0039526	-0.0175439	0.0147059
t-106	0.0183498	0	0	0.0519751	-0.0655738	-0.0144928
t-107	-0.0090891	-0.02	0.0227273	-0.0263158	-0.0286624	0
t-108	0.0091725	0.0204082	0.0114943	0.004065	-0.0248447	0
t-109	-0.0090891	-0.02	-0.0113636	-0.0100604	-0.0212766	0
t-110	-0.03509	0.0204082	0	0.0040404	0.0249221	0
t-111	-0.0420173	-0.02	0.0232558	-0.0255906	0.009434	-0.028169
t-112	-0.040323	0	0	-0.0019646	0.0159744	0.0597015
t-113	-0.0079984	0	-0.0114943	0.0039448	0.0096774	-0.0289855
t-114	0	0	0.0235294	0.0039604	-0.0095847	0
t-115	-0.015749	0.0204082	0	-0.0019763	-0.0188088	-0.0142857
t-116	0.0079391	0.0208333	-0.0229885	0.0835118	-0.0093168	-0.0140845
t-117	-0.0078766	-0.04	-0.0224719	0	-0.0152905	0
t-118	0.0079391	0	-0.0111111	-0.0430328	0.0186916	0.0289855
t-119	0.0327847	0.0416667	0	0.0252101	0	0
t-120	0.0082628	-0.0204082	0	-0.0020964	-0.0272727	0.0454545
t-121	0.0168078	0.0208333	0	-0.034413	0.0185185	0
t-122	-0.0083317	0.0434783	0	0.004065	0.0188679	0
t-123	0.0434789	0.0222222	0	-0.016	0.0095238	0
t-124	-0.0086235	0	0.011236	0.010101	-0.015625	0.0153846
t-125	-0.0085453	0.0227273	0	-0.0255906	0.0062893	0.031746
t-126	-0.0084729	-0.0434783	0	-0.019305	0	-0.0454545
t-127	0	-0.0416667	-0.0111111	-0.0057582	0.0159744	-0.0149254
t-128	0.0727274	-0.0204082	0.011236	0	0.0296053	-0.0147059
t-129	0	0	-0.0111111	-0.0206767	0.0033003	0.0461538
t-130	-0.0178583	0.0208333	0	0.0451866	-0.0411392	0
t-131	0	-0.0204082	0	-0.0097276	0	-0.0298507
t-132	0.0090072	0	0	-0.0172084	-0.0216718	0
t-133	0.0471704	0	0	0.0397614	-0.0182371	0.0307692
t-134	0.019232	0	-0.010989	0.003992	-0.0090361	0
t-135	-0.0280368	0	0	0.0162272	0.0030211	-0.0151515
t-136	-0.0183498	0.0208333	0.0111111	0.0534188	0.006079	0
t-137	0	-0.04	0	-0.037037	0.0154321	-0.0294118
t-138	-0.0267851	0.0204082	-0.010989	0.0253165	-0.0299401	-0.0144928
t-139	0.0090072	0	-0.0108696	-0.0365854	0.0636943	-0.0142857
t-140	-0.0347804	0	0	-0.0238095	0.0466667	0.0144928
t-141	0.0267851	0.0208333	0.010989	0.01002	-0.068323	0
t-142	0.0566025	-0.0204082	-0.0108696	0.0121704	-0.0271903	0.0147059
t-143	0.0599985	0	0	0.0228216	-0.0349854	-0.0144928
t-144	-0.019604	0	-0.0107527	0.006263	0.0088235	0
t-145	0.0303024	0.0208333	-0.0106383	0.0504386	0	-0.028169
t-146	-0.0294112	0	0.0107527	-0.0065359	-0.017341	-0.0138889
t-147	0	0	-0.0106383	-0.0107759	-0.008596	0.0140845
t-148	-0.019232	-0.04	0.032967	0.004329	0.0264706	0.0142857
t-149	0	0.0416667	0.0111111	-0.0211864	0.0179641	-0.0277778
t-150	-0.0095269	0	0	0.0238612	0.0121212	-0.0136986

Lampiran: 9

Return Market Periode Estimasi Perusahaan Dividen Meningkat

Formula: $R_{m,t} = \frac{IHSG_{i,t} - IHSG_{i,t-1}}{IHSG_{i,t-1}}$

Saham	AALI	AKRA	ANTM	ASGR
t-31	0.01135724	0.016301171	-0.014844718	0.01159006
t-32	-0.003813757	0.007806905	-0.004715157	-0.01655473
t-33	-0.002006734	-0.003866057	0.001106983	-0.005967915
t-34	0.007832439	-0.007433923	-0.01244015	0.001839879
t-35	0.010353273	0.006727408	0.005340745	0.004122735
t-36	0.013772222	0.009908223	-0.013712047	-0.003423312
t-37	-0.003148611	0.01521984	-0.001733375	0.006885604
t-38	-0.001179378	0.004418049	0.001115829	-0.010148359
t-39	-0.001253743	-0.009128889	0.005555558	-0.003887894
t-40	0.015581145	0.00651425	0.003648155	-0.004140554
t-41	0.010947432	0.000475654	0.004022826	0.005402991
t-42	-0.000319707	0.007086562	-0.003905262	0.004895583
t-43	0.007090837	0.017649433	0.004002043	0.015358502
t-44	0.002829941	0.002079606	-0.001608967	-0.012451463
t-45	-0.01338451	-0.005103071	0.003576429	0.003299505
t-46	0.001984444	-0.014174083	-0.006188632	0.016829312
t-47	-0.012705391	0.005559638	0.004239564	0.011448408
t-48	0.007794834	0.00653947	-0.000605102	-0.007043317
t-49	-0.012660083	-0.010267557	0.002133945	0.009671617
t-50	-0.003064211	-0.00487077	0.00260074	0.004040934
t-51	0.005128346	-0.005131978	-0.003052408	-0.00044177
t-52	0.005221336	-0.004457989	0.004767878	0.001612482
t-53	0.005310323	0.002282601	0.002306738	0.003239434
t-54	0.013839885	-0.002554381	-0.004767858	0.000491057
t-55	0.002392877	0.001630907	-0.001027441	0.00835999
t-56	-0.007521435	0.000206921	-0.002953919	0.00512829
t-57	0.012180058	0.002830552	0.007822353	0.009991921
t-58	0.007787901	-0.001642031	-0.019311779	0.002667394
t-59	0.001278796	0.004617263	0.011850989	-0.002638345
t-60	-0.010071886	0.009167281	0.010802002	0.000927295
t-61	0.006671192	-0.001526967	0.003991017	0.004361069
t-62	-0.013306952	0.001982033	0.003567713	-0.002477198
t-63	-0.001100672	-0.024399672	0.002742809	0.001992834
t-64	0.019542739	0.003405043	0.011826001	0.006271336
t-65	0.005149569	0.00510417	-0.002438168	0.000163491
t-66	5.21546E-06	0.010787173	0.001319346	0.003141522
t-67	0.00737108	-0.008558129	0.003497099	0.005001833
t-68	0.00537166	0.006120456	-0.000637294	-0.004655926
t-69	-0.012824369	-0.007668327	-0.000944313	0.004270707
t-70	-0.012272538	0.00989919	-0.002832408	0.000493417
t-71	-0.007963375	0.003981051	-0.00353843	-0.005276218
t-72	-0.002420341	-0.003449736	0.011396338	-0.005712655
t-73	0.004407868	-0.004642753	0.005340931	0.015255853
t-74	0.01113288	0.000352298	-0.001051723	-0.002852225
t-75	0.009777752	0.000277949	0.006017387	0.002304034
t-76	-0.022491941	-0.009204824	0.006379645	0.004181672
t-77	-0.007686145	0.007770968	-0.006190665	0.017786229
t-78	0.0036859	0.00280629	-0.004472146	-0.002652803
t-79	0.019747492	0.001050755	-0.004986669	-0.010443213
t-80	0.026253248	0.007963138	0.010746834	-0.006704952
t-81	-0.009907236	-0.003607973	-0.005752287	-0.004000234
t-82	-0.021590158	-0.003299327	0.02091761	0.002446369
t-83	-0.017956225	0.001665214	0.011018024	0.012143797
t-84	-0.00884112	0.016640205	-0.008613523	0.006900683
t-85	0.00365355	0.001496322	-0.016228888	0.008133419
t-86	-0.009361651	-0.000921847	-0.00906499	0.001582796
t-87	0.001180113	0.006076884	-0.001980289	0.00585391
t-88	0.002861201	-0.007078513	0.006641182	-0.00108161

Saham	AALI	AKRA	ANTM	ASGR
t-89	0.02883806	0.004081535	0.012459003	-0.004921343
t-90	-0.006733302	-0.007102544	-0.006434789	-0.005946189
t-91	-0.042105409	0.001076177	5.7688E-05	-0.003341374
t-92	-0.028050586	0.003009725	-0.002293143	0.001623199
t-93	-0.012541107	0.000747066	0.012654411	-0.002621684
t-94	0.006289244	0.01135724	-0.01673666	-0.003997408
t-95	0.008730731	-0.003813757	-0.002434611	0.004541508
t-96	0.006481721	-0.002006734	0.008405378	0.003558092
t-97	0.001161035	0.007832439	-0.00486471	0.0027531
t-98	0.010716993	0.010353273	-0.010249353	-0.000421441
t-99	0.009579106	0.013772222	-0.00023728	0.001344846
t-100	0.003803124	-0.003148611	0.013096177	0.004025616
t-101	-0.002527995	-0.001179378	0.00590684	-0.007621712
t-102	-0.004608167	-0.001253743	0.006777044	0.006151046
t-103	0.019232175	0.015581145	-0.017873225	-0.009943037
t-104	-0.003561259	0.010947432	0.000747051	0.003313191
t-105	0.002751294	-0.000319707	0.005002794	-0.007535558
t-106	-0.023665525	0.007090837	-0.00775501	-0.008607704
t-107	-0.008497262	0.002829941	0.002023853	0.006061624
t-108	-0.000694948	-0.01338451	-0.003638551	0.002970841
t-109	-0.014804272	0.001984444	0.005767806	0.00431983
t-110	-0.010137831	-0.012705391	0.005910113	0.001138737
t-111	0.004271626	0.007794834	0.011525651	-0.000248699
t-112	0.012799989	-0.012660083	-0.006513516	-0.008697483
t-113	0.00705765	-0.003064211	0.006606696	0.004432093
t-114	0.000454701	0.005128346	-3.65302E-05	0.003124436
t-115	0.020857731	0.005221336	-0.007413892	-0.003472674
t-116	0.024887511	0.005310323	0.012797403	0.001333677
t-117	-0.027385023	0.013839885	0.005080091	-0.005184706
t-118	-0.003257106	0.002392877	-0.00943328	0.008381193
t-119	-0.016075833	-0.007521435	-0.000296098	0.002632196
t-120	0.011817019	0.012180058	0.012840937	-0.008286247
t-121	-0.005278947	0.007787901	0.009390428	0.000814297
t-122	-0.016848717	0.001278796	0.003470927	-0.00343177
t-123	0.00434381	-0.010071886	0.010494989	-0.003277993
t-124	0.012818184	0.006671192	-0.005333511	0.007672618
t-125	0.001055232	-0.013306952	-0.002034639	-0.001794728
t-126	0.004803876	-0.001100672	0.00044995	0.000871396
t-127	-0.002559857	0.019542739	0.000309949	0.001207807
t-128	-0.02103605	0.005149569	0.011174154	-0.002587181
t-129	-0.003286992	5.21546E-06	-0.004760704	0.002337208
t-130	0.005212905	0.00737108	0.000512985	-0.005901334
t-131	0.010332045	0.00537166	0.018050314	0.004481804
t-132	0.012025812	-0.012824369	-0.013344681	0.001951851
t-133	0.007235794	-0.012272538	-0.003181838	0.003605916
t-134	0.006482229	-0.007963375	-0.007533942	0.00049424
t-135	-0.005465455	-0.002420341	0.008655166	0.006166748
t-136	-0.005393179	0.004407868	-0.005857615	0.001158182
t-137	0.002702098	0.01113288	-0.00302489	-5.61252E-05
t-138	-0.000962387	0.009777752	0.01080857	0.002815014
t-139	0.003961656	-0.022491941	-0.007437302	-0.009992105
t-140	-0.008110066	-0.007686145	0.000253194	0.009330068
t-141	0.002912339	0.0036859	-0.000334077	0.004692381
t-142	0.012715145	0.019747492	0.017770556	-0.001251548
t-143	0.002713234	0.026253248	0.007405843	0.004849971
t-144	0.002530323	-0.009907236	0.011165183	-0.006162509
t-145	-0.003850489	-0.021590158	0.002710107	0.008884473
t-146	0.007252794	-0.017956225	-0.013511272	0.01073184
t-147	-0.008371638	-0.00884112	-0.012989829	-0.011053796
t-148	-0.005927083	0.00365355	0.015137355	0.006182504
t-149	0.001799299	-0.009361651	-0.019888374	-0.010297039
t-150	0.018248216	0.001180113	-0.009955277	0.006426764

Saham	ASII	ASRI	AUTO	BCAP	BWPT	CLPI
t-31	0.011850989	-0.010048906	0.000747066	0.006181376	-0.011053796	-0.019026585
t-32	0.010802002	0.003262126	0.01135724	-0.017299307	0.006182504	-0.024756418
t-33	0.003991017	0.00923019	-0.003813757	-0.003596931	-0.010297039	-0.036753541
t-34	0.003567713	0.010200177	-0.002006734	-0.001491946	0.006426764	-0.006982073
t-35	0.002742809	0.013478512	0.007832439	0.006425829	-0.006406757	0.013812585
t-36	0.011826001	-0.013728947	0.010353273	0.014619177	0.004928367	0.002890256
t-37	-0.002438168	-0.013213618	0.013772222	0.009091756	-0.007376515	0.033223143
t-38	0.001319346	0.005333288	-0.003148611	0.017492126	-0.000402831	-0.019204541
t-39	0.003497099	0.006864111	-0.001179378	-0.012018701	0.020706392	0.019075171
t-40	-0.000637294	0.004267366	-0.001253743	0.013774939	-0.000828445	-0.035043791
t-41	-0.000944313	-0.003206735	0.015581145	0.006172708	0.004510133	-0.018078752
t-42	-0.002832408	-0.003408883	0.010947432	-0.00821022	-0.001274846	-0.027172757
t-43	-0.00353843	0.007291345	-0.000319707	-0.003143466	0.004098039	-0.004060575
t-44	0.011396338	-0.004321213	0.007090837	-0.010676973	0.009949718	0.010109483
t-45	0.005340931	-0.000307713	0.002829941	0.016254584	0.006749081	-0.019191373
t-46	-0.001051723	-0.002828299	-0.01338451	0.005352347	-0.007283566	-0.011895368
t-47	0.006017387	0.002797824	0.001984444	0.011012295	-0.003082921	-0.013660853
t-48	0.006379645	0.02126041	-0.012705391	0.006986719	0.014190269	0.004725058
t-49	-0.006190665	-0.008632033	0.007794834	-0.01783285	0.008631803	0.017914688
t-50	-0.004472146	0.002629181	-0.012660083	0.002046178	-0.016512119	-0.013570375
t-51	-0.004986669	0.009592685	-0.003064211	-0.00352671	-0.011991321	0.006578264
t-52	0.010746834	-0.004512995	0.005128346	0.010687975	-0.000730796	-0.016627536
t-53	-0.005752287	0.000421828	0.005221336	-0.003975443	0.00011555	0.00370806
t-54	0.02091761	-0.005795062	0.005310323	-0.000191366	-0.004146448	-0.005027306
t-55	0.011018024	0.000702276	0.013839885	0.033205806	0.000517093	0.013466232
t-56	-0.008613523	-0.011814791	0.002392877	0.017319067	0.004471761	0.013193372
t-57	-0.016228888	0.004884731	-0.007521435	-0.038208689	0.00495679	-0.002200771
t-58	-0.00906499	0.003984907	0.012180058	-0.008624936	0.004637714	0.001562384
t-59	-0.001980289	-0.000690275	0.007787901	-0.021718702	-0.009424983	0.005403367
t-60	0.006641182	0.002614351	0.001278796	-0.000293162	0.002516004	-0.010048906
t-61	0.012459003	0.017673242	-0.010071886	9.69407E-05	0.009890936	0.003262126
t-62	-0.006434789	0.013524383	0.006671192	0.004145283	0.001255366	0.00923019
t-63	5.7688E-05	0.01159006	-0.013306952	-0.020669414	-0.004851771	0.010200177
t-64	-0.002293143	-0.01655473	-0.001100672	0.000827604	0.0013869	0.013478512
t-65	0.012654411	-0.005967915	0.019542739	-0.009828708	0.001637124	-0.013728947
t-66	-0.01673666	0.001839879	0.005149569	0.02055583	-0.009043239	-0.013213618
t-67	-0.002434611	0.004122735	5.21546E-06	-0.010146519	-0.002866032	0.005333288
t-68	0.008405378	-0.003423312	0.00737108	-0.016103233	0.010542704	0.006864111
t-69	-0.00486471	0.006885604	0.00537166	-0.001831416	0.003650442	0.004267366
t-70	-0.010249353	-0.010148359	-0.012824369	-0.014844718	0.019835325	-0.003206735
t-71	-0.00023728	-0.003887894	-0.012272538	-0.004715157	0.000983986	-0.003408883
t-72	0.013096177	-0.004140554	-0.007963375	0.001106983	0.002185827	0.007291345
t-73	0.00590684	0.005402991	-0.002420341	-0.01244015	-0.004409188	-0.004321213
t-74	0.006777044	0.004895583	0.004407868	0.005340745	-0.017496801	-0.000307713
t-75	-0.017873225	0.015358502	0.01113288	-0.013712047	-0.003660682	-0.002828299
t-76	0.000747051	-0.012451463	0.009777752	-0.001733375	0.003567391	0.002797824
t-77	0.005002794	0.003299505	-0.022491941	0.001115829	0.000235964	0.02126041
t-78	-0.00775501	0.016829312	-0.007686145	0.005555558	0.008204402	-0.008632033
t-79	0.002023853	0.011448408	0.0036859	0.003648155	0.006913993	0.002629181
t-80	-0.003638551	-0.007043317	0.019747492	0.004022826	0.008923672	0.009592685
t-81	0.005767806	0.009671617	0.026253248	-0.003905262	-0.008711565	-0.004512995
t-82	0.005910113	0.004040934	-0.009907236	0.004002043	0.002358065	0.000421828
t-83	0.011525651	-0.00044177	-0.021590158	-0.001608967	0.006181376	-0.005795062
t-84	-0.006513516	0.001612482	-0.017956225	0.003576429	-0.017299307	0.000702276
t-85	0.006606696	0.003239434	-0.00884112	-0.006188632	-0.003596931	-0.011814791
t-86	-3.65302E-05	0.000491057	0.00365355	0.004239564	-0.001491946	0.004884731
t-87	-0.007413892	0.00835999	-0.009361651	-0.000605102	0.006425829	0.003984907
t-88	0.012797403	0.00512829	0.001180113	0.002133945	0.014619177	-0.000690275
t-89	0.005080091	0.009991921	0.002861201	0.00260074	0.009091756	0.002614351
t-90	-0.00943328	0.002667394	0.02883806	-0.003052408	0.017492126	0.017673242
t-91	-0.000296098	-0.002638345	-0.006733302	0.004767878	-0.012018701	0.013524383

Saham	ASII	ASRI	AUTO	BCAP	BWPT	CLPI
t-92	0.012840937	0.000927295	-0.042105409	0.002306738	0.013774939	0.01159006
t-93	0.009390428	0.004361069	-0.028050586	-0.004767858	0.006172708	-0.01655473
t-94	0.003470927	-0.002477198	-0.012541107	-0.001027441	-0.00821022	-0.005967915
t-95	0.010494989	0.001992834	0.006289244	-0.002953919	-0.003143466	0.001839879
t-96	-0.005333511	0.006271336	0.008730731	0.007822353	-0.010676973	0.004122735
t-97	-0.002034639	0.000163491	0.006481721	-0.019311779	0.016254584	-0.003423312
t-98	0.00044995	0.003141522	0.001161035	0.011850989	0.005352347	0.006885604
t-99	0.000309949	0.005001833	0.010716993	0.010802002	0.011012295	-0.010148359
t-100	0.011174154	-0.004655926	0.009579106	0.003991017	0.006986719	-0.003887894
t-101	-0.004760704	0.004270707	0.003803124	0.003567713	-0.01783285	-0.004140554
t-102	0.000512985	0.000493417	-0.002527995	0.002742809	0.002046178	0.005402991
t-103	0.018050314	-0.005276218	-0.004608167	0.011826001	-0.00352671	0.004895583
t-104	-0.013344681	-0.005712655	0.019232175	-0.002438168	0.010687975	0.015358502
t-105	-0.003181838	0.015255853	-0.003561259	0.001319346	-0.003975443	-0.012451463
t-106	-0.007533942	-0.002852225	0.002751294	0.003497099	-0.000191366	0.003299505
t-107	0.008655166	0.002304034	-0.023665525	-0.000637294	0.033205806	0.016829312
t-108	-0.005857615	0.004181672	-0.008497262	-0.000944313	0.017319067	0.011448408
t-109	-0.00302489	0.017786229	-0.000694948	-0.002832408	-0.038208689	-0.007043317
t-110	0.01080857	-0.002652803	-0.014804272	-0.00353843	-0.008624936	0.009671617
t-111	-0.007437302	-0.010443213	-0.010137831	0.011396338	-0.021718702	0.004040934
t-112	0.000253194	-0.006704952	0.004271626	0.005340931	-0.000293162	-0.00044177
t-113	-0.000334077	-0.004000234	0.012799989	-0.001051723	9.69407E-05	0.001612482
t-114	0.017770556	0.002446369	0.00705765	0.006017387	0.004145283	0.003239434
t-115	0.007405843	0.012143797	0.000454701	0.006379645	-0.020669414	0.000491057
t-116	0.011165183	0.006900683	0.020857731	-0.006190665	0.000827604	0.00835999
t-117	0.002710107	0.008133419	0.024887511	-0.004472146	-0.009828708	0.00512829
t-118	-0.013511272	0.001582796	-0.027385023	-0.004986669	0.02055583	0.009991921
t-119	-0.012989829	0.00585391	-0.003257106	0.010746834	-0.010146519	0.002667394
t-120	0.015137355	-0.00108161	-0.016075833	-0.005752287	-0.016103233	-0.002638345
t-121	-0.019888374	-0.004921343	0.011817019	0.02091761	-0.001831416	0.000927295
t-122	-0.009955277	-0.005946189	-0.005278947	0.011018024	-0.014844718	0.004361069
t-123	-0.005725392	-0.003341374	-0.016848717	-0.008613523	-0.004715157	-0.002477198
t-124	6.50394E-05	0.001623199	0.00434381	-0.016228888	0.001106983	0.001992834
t-125	-0.005008557	-0.002621684	0.012818184	-0.00906499	-0.01244015	0.006271336
t-126	0.014330955	-0.003997408	0.001055232	-0.001980289	0.005340745	0.000163491
t-127	-0.001320361	0.004541508	0.004803876	0.006641182	-0.013712047	0.003141522
t-128	-0.019049786	0.003558092	-0.002559857	0.012459003	-0.001733375	0.005001833
t-129	0.013589037	0.0027531	-0.02103605	-0.006434789	0.001115829	-0.004655926
t-130	0.007254161	-0.000421441	-0.003286992	5.7688E-05	0.005555558	0.004270707
t-131	-0.001424014	0.001344846	0.005212905	-0.002293143	0.003648155	0.000493417
t-132	0.020998882	0.004025616	0.010332045	0.012654411	0.004022826	-0.005276218
t-133	-0.015206847	-0.007621712	0.012025812	-0.01673666	-0.003905262	-0.005712655
t-134	0.021172789	0.006151046	0.007235794	-0.002434611	0.004002043	0.015255853
t-135	-0.027918553	-0.009943037	0.006482229	0.008405378	-0.001608967	-0.002852225
t-136	-0.010212389	0.003313191	-0.005465455	-0.00486471	0.003576429	0.002304034
t-137	0.004446901	-0.007535558	-0.005393179	-0.010249353	-0.006188632	0.004181672
t-138	0.019899653	-0.008607704	0.002702098	-0.00023728	0.004239564	0.017786229
t-139	0.007580937	0.006061624	-0.000962387	0.013096177	-0.000605102	-0.002652803
t-140	0.000997105	0.002970841	0.003961656	0.00590684	0.002133945	-0.010443213
t-141	0.023785117	0.00431983	-0.008110066	0.006777044	0.00260074	-0.006704952
t-142	-0.000582929	0.001138737	0.002912339	-0.017873225	-0.003052408	-0.004000234
t-143	-0.016967392	-0.000248699	0.012715145	0.000747051	0.004767878	0.002446369
t-144	0.017470551	-0.008697483	0.002713234	0.005002794	0.002306738	0.012143797
t-145	-0.028690631	0.004432093	0.002530323	-0.00775501	-0.004767858	0.006900683
t-146	0.01755541	0.003124436	-0.003850489	0.002023853	-0.001027441	0.008133419
t-147	-0.002912376	-0.003472674	0.007252794	-0.003638551	-0.002953919	0.001582796
t-148	0.010850899	0.001333677	-0.008371638	0.005767806	0.007822353	0.00585391
t-149	0.029497528	-0.005184706	-0.005927083	0.005910113	-0.019311779	-0.00108161
t-150	0.02337496	0.008381193	0.001799299	0.011525651	0.011850989	-0.004921343

Saham	CPIN	CTRP	EKAD	FORU	GGRM
t-31	0.013466232	9.69407E-05	0.000277949	0.006425829	0.006986719
t-32	0.013193372	0.004145283	-0.009204824	0.014619177	-0.01783285
t-33	-0.002200771	-0.020669414	0.007770968	0.009091756	0.002046178
t-34	0.001562384	0.000827604	0.00280629	0.017492126	-0.00352671
t-35	0.005403367	-0.009828708	0.001050755	-0.012018701	0.010687975
t-36	-0.010048906	0.02055583	0.007963138	0.013774939	-0.003975443
t-37	0.003262126	-0.010146519	-0.003607973	0.006172708	-0.000191366
t-38	0.00923019	-0.016103233	-0.003299327	-0.00821022	0.033205806
t-39	0.010200177	-0.001831416	0.001665214	-0.003143466	0.017319067
t-40	0.013478512	-0.014844718	0.016640205	-0.010676973	-0.038208689
t-41	-0.013728947	-0.004715157	0.001496322	0.016254584	-0.008624936
t-42	-0.013213618	0.001106983	-0.000921847	0.005352347	-0.021718702
t-43	0.005333288	-0.01244015	0.006076884	0.011012295	-0.000293162
t-44	0.006864111	0.005340745	-0.007078513	0.006986719	9.69407E-05
t-45	0.004267366	-0.013712047	0.004081535	-0.01783285	0.004145283
t-46	-0.003206735	-0.001733375	-0.007102544	0.002046178	-0.020669414
t-47	-0.003408883	0.001115829	0.001076177	-0.00352671	0.000827604
t-48	0.007291345	0.005555558	0.003009725	0.010687975	-0.009828708
t-49	-0.004321213	0.003648155	0.000747066	-0.003975443	0.02055583
t-50	-0.000307713	0.004022826	0.01135724	-0.000191366	-0.010146519
t-51	-0.002828299	-0.003905262	-0.003813757	0.033205806	-0.016103233
t-52	0.002797824	0.004002043	-0.002006734	0.017319067	-0.001831416
t-53	0.02126041	-0.001608967	0.007832439	-0.038208689	-0.014844718
t-54	-0.008632033	0.003576429	0.010353273	-0.008624936	-0.004715157
t-55	0.002629181	-0.006188632	0.013772222	-0.021718702	0.001106983
t-56	0.009592685	0.004239564	-0.003148611	-0.000293162	-0.01244015
t-57	-0.004512995	-0.000605102	-0.001179378	9.69407E-05	0.005340745
t-58	0.000421828	0.002133945	-0.001253743	0.004145283	-0.013712047
t-59	-0.005795062	0.00260074	0.015581145	-0.020669414	-0.001733375
t-60	0.000702276	-0.003052408	0.010947432	0.000827604	0.001115829
t-61	-0.011814791	0.004767878	-0.000319707	-0.009828708	0.005555558
t-62	0.004884731	0.002306738	0.007090837	0.02055583	0.003648155
t-63	0.003984907	-0.004767858	0.002829941	-0.010146519	0.004022826
t-64	-0.000690275	-0.001027441	-0.01338451	-0.016103233	-0.003905262
t-65	0.002614351	-0.002953919	0.001984444	-0.001831416	0.004002043
t-66	0.017673242	0.007822353	-0.012705391	-0.014844718	-0.001608967
t-67	0.013524383	-0.019311779	0.007794834	-0.004715157	0.003576429
t-68	0.01159006	0.011850989	-0.012660083	0.001106983	-0.006188632
t-69	-0.01655473	0.010802002	-0.003064211	-0.01244015	0.004239564
t-70	-0.005967915	0.003991017	0.005128346	0.005340745	-0.000605102
t-71	0.001839879	0.003567713	0.005221336	-0.013712047	0.002133945
t-72	0.004122735	0.002742809	0.005310323	-0.001733375	0.00260074
t-73	-0.003423312	0.011826001	0.013839885	0.001115829	-0.003052408
t-74	0.006885604	-0.002438168	0.002392877	0.005555558	0.004767878
t-75	-0.010148359	0.001319346	-0.007521435	0.003648155	0.002306738
t-76	-0.003887894	0.003497099	0.012180058	0.004022826	-0.004767858
t-77	-0.004140554	-0.000637294	0.007787901	-0.003905262	-0.001027441
t-78	0.005402991	-0.000944313	0.001278796	0.004002043	-0.002953919
t-79	0.004895583	-0.002832408	-0.010071886	-0.001608967	0.007822353
t-80	0.015358502	-0.00353843	0.006671192	0.003576429	-0.019311779
t-81	-0.012451463	0.011396338	-0.013306952	-0.006188632	0.011850989
t-82	0.003299505	0.005340931	-0.001100672	0.004239564	0.010802002
t-83	0.016829312	-0.001051723	0.019542739	-0.000605102	0.003991017
t-84	0.011448408	0.006017387	0.005149569	0.002133945	0.003567713
t-85	-0.007043317	0.006379645	5.21546E-06	0.00260074	0.002742809
t-86	0.009671617	-0.006190665	0.00737108	-0.003052408	0.011826001
t-87	0.004040934	-0.004472146	0.00537166	0.004767878	-0.002438168
t-88	-0.00044177	-0.004986669	-0.012824369	0.002306738	0.001319346
t-89	0.001612482	0.010746834	-0.012272538	-0.004767858	0.003497099
t-90	0.003239434	-0.005752287	-0.007963375	-0.001027441	-0.000637294
t-91	0.000491057	0.02091761	-0.002420341	-0.002953919	-0.000944313

Saham	CPIN	CTRP	EKAD	FORU	GGRM
t-92	0.00835999	0.011018024	0.004407868	0.007822353	-0.002832408
t-93	0.00512829	-0.008613523	0.01113288	-0.019311779	-0.00353843
t-94	0.009991921	-0.016228888	0.009777752	0.011850989	0.011396338
t-95	0.002667394	-0.00906499	-0.022491941	0.010802002	0.005340931
t-96	-0.002638345	-0.001980289	-0.007686145	0.003991017	-0.001051723
t-97	0.000927295	0.006641182	0.0036859	0.003567713	0.006017387
t-98	0.004361069	0.012459003	0.019747492	0.002742809	0.006379645
t-99	-0.002477198	-0.006434789	0.026253248	0.011826001	-0.006190665
t-100	0.001992834	5.7688E-05	-0.009907236	-0.002438168	-0.004472146
t-101	0.006271336	-0.002293143	-0.021590158	0.001319346	-0.004986669
t-102	0.000163491	0.012654411	-0.017956225	0.003497099	0.010746834
t-103	0.003141522	-0.01673666	-0.00884112	-0.000637294	-0.005752287
t-104	0.005001833	-0.002434611	0.00365355	-0.000944313	0.02091761
t-105	-0.004655926	0.008405378	-0.009361651	-0.002832408	0.011018024
t-106	0.004270707	-0.00486471	0.001180113	-0.00353843	-0.008613523
t-107	0.000493417	-0.010249353	0.002861201	0.011396338	-0.016228888
t-108	-0.005276218	-0.00023728	0.02883806	0.005340931	-0.00906499
t-109	-0.005712655	0.013096177	-0.006733302	-0.001051723	-0.001980289
t-110	0.015255853	0.00590684	-0.042105409	0.006017387	0.006641182
t-111	-0.002852225	0.006777044	-0.028050586	0.006379645	0.012459003
t-112	0.002304034	-0.017873225	-0.012541107	-0.006190665	-0.006434789
t-113	0.004181672	0.000747051	0.006289244	-0.004472146	5.7688E-05
t-114	0.017786229	0.005002794	0.008730731	-0.004986669	-0.002293143
t-115	-0.002652803	-0.00775501	0.006481721	0.010746834	0.012654411
t-116	-0.010443213	0.002023853	0.001161035	-0.005752287	-0.01673666
t-117	-0.006704952	-0.003638551	0.010716993	0.02091761	-0.002434611
t-118	-0.004000234	0.005767806	0.009579106	0.011018024	0.008405378
t-119	0.002446369	0.005910113	0.003803124	-0.008613523	-0.00486471
t-120	0.012143797	0.011525651	-0.002527995	-0.016228888	-0.010249353
t-121	0.006900683	-0.006513516	-0.004608167	-0.00906499	-0.00023728
t-122	0.008133419	0.006606696	0.019232175	-0.001980289	0.013096177
t-123	0.001582796	-3.65302E-05	-0.003561259	0.006641182	0.00590684
t-124	0.00585391	-0.007413892	0.002751294	0.012459003	0.006777044
t-125	-0.00108161	0.012797403	-0.023665525	-0.006434789	-0.017873225
t-126	-0.004921343	0.005080091	-0.008497262	5.7688E-05	0.000747051
t-127	-0.005946189	-0.00943328	-0.000694948	-0.002293143	0.005002794
t-128	-0.003341374	-0.000296098	-0.014804272	0.012654411	-0.00775501
t-129	0.001623199	0.012840937	-0.010137831	-0.01673666	0.002023853
t-130	-0.002621684	0.009390428	0.004271626	-0.002434611	-0.003638551
t-131	-0.003997408	0.003470927	0.012799989	0.008405378	0.005767806
t-132	0.004541508	0.010494989	0.00705765	-0.00486471	0.005910113
t-133	0.003558092	-0.005333511	0.000454701	-0.010249353	0.011525651
t-134	0.0027531	-0.002034639	0.020857731	-0.00023728	-0.006513516
t-135	-0.000421441	0.00044995	0.024887511	0.013096177	0.006606696
t-136	0.001344846	0.000309949	-0.027385023	0.00590684	-3.65302E-05
t-137	0.004025616	0.011174154	-0.003257106	0.006777044	-0.007413892
t-138	-0.007621712	-0.004760704	-0.016075833	-0.017873225	0.012797403
t-139	0.006151046	0.000512985	0.011817019	0.000747051	0.005080091
t-140	-0.009943037	0.018050314	-0.005278947	0.005002794	-0.00943328
t-141	0.003313191	-0.013344681	-0.016848717	-0.00775501	-0.000296098
t-142	-0.007535558	-0.003181838	0.00434381	0.002023853	0.012840937
t-143	-0.008607704	-0.007533942	0.012818184	-0.003638551	0.009390428
t-144	0.006061624	0.008655166	0.001055232	0.005767806	0.003470927
t-145	0.002970841	-0.005857615	0.004803876	0.005910113	0.010494989
t-146	0.00431983	-0.00302489	-0.002559857	0.011525651	-0.005333511
t-147	0.001138737	0.01080857	-0.02103605	-0.006513516	-0.002034639
t-148	-0.000248699	-0.007437302	-0.003286992	0.006606696	0.00044995
t-149	-0.008697483	0.000253194	0.005212905	-3.65302E-05	0.000309949
t-150	0.004432093	-0.000334077	0.010332045	-0.007413892	0.011174154

Saham	GJTL	INDF	INTP	JKON	JPFA	KLBF
t-31	-0.016627536	-0.0102676	0.000277949	0.005555558	-0.008558129	-0.0076683
t-32	0.00370806	-0.0048708	-0.009204824	0.003648155	0.006120456	0.00989919
t-33	-0.005027306	-0.005132	0.007770968	0.004022826	-0.007668327	0.00398105
t-34	0.013466232	-0.004458	0.00280629	-0.003905262	0.00989919	-0.0034497
t-35	0.013193372	0.0022826	0.001050755	0.004002043	0.003981051	-0.0046428
t-36	-0.002200771	-0.0025544	0.007963138	-0.001608967	-0.003449736	0.0003523
t-37	0.001562384	0.00163091	-0.003607973	0.003576429	-0.004642753	0.00027795
t-38	0.005403367	0.00020692	-0.003299327	-0.006188632	0.000352298	-0.0092048
t-39	-0.010048906	0.00283055	0.001665214	0.004239564	0.000277949	0.00777097
t-40	0.003262126	-0.001642	0.016640205	-0.000605102	-0.009204824	0.00280629
t-41	0.00923019	0.00461726	0.001496322	0.002133945	0.007770968	0.00105075
t-42	0.010200177	0.00916728	-0.000921847	0.00260074	0.00280629	0.00796314
t-43	0.013478512	-0.001527	0.006076884	-0.003052408	0.001050755	-0.003608
t-44	-0.013728947	0.00198203	-0.007078513	0.004767878	0.007963138	-0.0032993
t-45	-0.013213618	-0.0243997	0.004081535	0.002306738	-0.003607973	0.00166521
t-46	0.005333288	0.00340504	-0.007102544	-0.004767858	-0.003299327	0.01664021
t-47	0.006864111	0.00510417	0.001076177	-0.001027441	0.001665214	0.00149632
t-48	0.004267366	0.01078717	0.003009725	-0.002953919	0.016640205	-0.0009218
t-49	-0.003206735	-0.0085581	0.000747066	0.007822353	0.001496322	0.00607688
t-50	-0.003408883	0.00612046	0.01135724	-0.019311779	-0.000921847	-0.0070785
t-51	0.007291345	-0.0076683	-0.003813757	0.011850989	0.006076884	0.00408154
t-52	-0.004321213	0.00989919	-0.002006734	0.010802002	-0.007078513	-0.0071025
t-53	-0.000307713	0.00398105	0.007832439	0.003991017	0.004081535	0.00107618
t-54	-0.002828299	-0.0034497	0.010353273	0.003567713	-0.007102544	0.00300973
t-55	0.002797824	-0.0046428	0.013772222	0.002742809	0.001076177	0.00074707
t-56	0.02126041	0.0003523	-0.003148611	0.011826001	0.003009725	0.01135724
t-57	-0.008632033	0.00027795	-0.001179378	-0.002438168	0.000747066	-0.0038138
t-58	0.002629181	-0.0092048	-0.001253743	0.001319346	0.01135724	-0.0020067
t-59	0.009592685	0.00777097	0.015581145	0.003497099	-0.003813757	0.00783244
t-60	-0.004512995	0.00280629	0.010947432	-0.000637294	-0.002006734	0.01035327
t-61	0.000421828	0.00105075	-0.000319707	-0.000944313	0.007832439	0.01377222
t-62	-0.005795062	0.00796314	0.007090837	-0.002832408	0.010353273	-0.0031486
t-63	0.000702276	-0.003608	0.002829941	-0.00353843	0.013772222	-0.0011794
t-64	-0.011814791	-0.0032993	-0.01338451	0.011396338	-0.003148611	-0.0012537
t-65	0.004884731	0.00166521	0.001984444	0.005340931	-0.001179378	0.01558114
t-66	0.003984907	0.01664021	-0.012705391	-0.001051723	-0.001253743	0.01094743
t-67	-0.000690275	0.00149632	0.007794834	0.006017387	0.015581145	-0.0003197
t-68	0.002614351	-0.0009218	-0.012660083	0.006379645	0.010947432	0.00709084
t-69	0.017673242	0.00607688	-0.003064211	-0.006190665	-0.000319707	0.00282994
t-70	0.013524383	-0.0070785	0.005128346	-0.004472146	0.007090837	-0.0133845
t-71	0.01159006	0.00408154	0.005221336	-0.004986669	0.002829941	0.00198444
t-72	-0.01655473	-0.0071025	0.005310323	0.010746834	-0.01338451	-0.0127054
t-73	-0.005967915	0.00107618	0.013839885	-0.005752287	0.001984444	0.00779483
t-74	0.001839879	0.00300973	0.002392877	0.02091761	-0.012705391	-0.0126601
t-75	0.004122735	0.00074707	-0.007521435	0.011018024	0.007794834	-0.0030642
t-76	-0.003423312	0.01135724	0.012180058	-0.008613523	-0.012660083	0.00512835
t-77	0.006885604	-0.0038138	0.007787901	-0.016228888	-0.003064211	0.00522134
t-78	-0.010148359	-0.0020067	0.001278796	-0.00906499	0.005128346	0.00531032
t-79	-0.003887894	0.00783244	-0.010071886	-0.001980289	0.005221336	0.01383989
t-80	-0.004140554	0.01035327	0.006671192	0.006641182	0.005310323	0.00239288
t-81	0.005402991	0.01377222	-0.013306952	0.012459003	0.013839885	-0.0075214
t-82	0.004895583	-0.0031486	-0.001100672	-0.006434789	0.002392877	0.01218006
t-83	0.015358502	-0.0011794	0.019542739	5.7688E-05	-0.007521435	0.0077879
t-84	-0.012451463	-0.0012537	0.005149569	-0.002293143	0.012180058	0.0012788
t-85	0.003299505	0.01558114	5.21546E-06	0.012654411	0.007787901	-0.0100719
t-86	0.016829312	0.01094743	0.00737108	-0.01673666	0.001278796	0.00667119
t-87	0.011448408	-0.0003197	0.00537166	-0.002434611	-0.010071886	-0.013307
t-88	-0.007043317	0.00709084	-0.012824369	0.008405378	0.006671192	-0.0011007
t-89	0.009671617	0.00282994	-0.012272538	-0.00486471	-0.013306952	0.01954274

Saham	GJTL	INDF	INTP	JKON	JPFA	KLBF
t-90	0.004040934	-0.0133845	-0.007963375	-0.010249353	-0.001100672	0.00514957
t-91	-0.00044177	0.00198444	-0.002420341	-0.00023728	0.019542739	5.2155E-06
t-92	0.001612482	-0.0127054	0.004407868	0.013096177	0.005149569	0.00737108
t-93	0.003239434	0.00779483	0.01113288	0.00590684	5.21546E-06	0.00537166
t-94	0.000491057	-0.0126601	0.009777752	0.006777044	0.00737108	-0.0128244
t-95	0.00835999	-0.0030642	-0.022491941	-0.017873225	0.00537166	-0.0122725
t-96	0.00512829	0.00512835	-0.007686145	0.000747051	-0.012824369	-0.0079634
t-97	0.009991921	0.00522134	0.0036859	0.005002794	-0.012272538	-0.0024203
t-98	0.002667394	0.00531032	0.019747492	-0.00775501	-0.007963375	0.00440787
t-99	-0.002638345	0.01383989	0.026253248	0.002023853	-0.002420341	0.01113288
t-100	0.000927295	0.00239288	-0.009907236	-0.003638551	0.004407868	0.00977775
t-101	0.004361069	-0.0075214	-0.021590158	0.005767806	0.01113288	-0.0224919
t-102	-0.002477198	0.01218006	-0.017956225	0.005910113	0.009777752	-0.0076861
t-103	0.001992834	0.0077879	-0.00884112	0.011525651	-0.022491941	0.0036859
t-104	0.006271336	0.0012788	0.00365355	-0.006513516	-0.007686145	0.01974749
t-105	0.000163491	-0.0100719	-0.009361651	0.006606696	0.0036859	0.02625325
t-106	0.003141522	0.00667119	0.001180113	-3.65302E-05	0.019747492	-0.0099072
t-107	0.005001833	-0.013307	0.002861201	-0.007413892	0.026253248	-0.0215902
t-108	-0.004655926	-0.0011007	0.02883806	0.012797403	-0.009907236	-0.0179562
t-109	0.004270707	0.01954274	-0.006733302	0.005080091	-0.021590158	-0.0088411
t-110	0.000493417	0.00514957	-0.042105409	-0.00943328	-0.017956225	0.00365355
t-111	-0.005276218	5.2155E-06	-0.028050586	-0.000296098	-0.00884112	-0.0093617
t-112	-0.005712655	0.00737108	-0.012541107	0.012840937	0.00365355	0.00118011
t-113	0.015255853	0.00537166	0.006289244	0.009390428	-0.009361651	0.0028612
t-114	-0.002852225	-0.0128244	0.008730731	0.003470927	0.001180113	0.02883806
t-115	0.002304034	-0.0122725	0.006481721	0.010494989	0.002861201	-0.0067333
t-116	0.004181672	-0.0079634	0.001161035	-0.005333511	0.02883806	-0.0421054
t-117	0.017786229	-0.0024203	0.010716993	-0.002034639	-0.006733302	-0.0280506
t-118	-0.002652803	0.00440787	0.009579106	0.00044995	-0.042105409	-0.0125411
t-119	-0.010443213	0.01113288	0.003803124	0.000309949	-0.028050586	0.00628924
t-120	-0.006704952	0.00977775	-0.002527995	0.011174154	-0.012541107	0.00873073
t-121	-0.004000234	-0.0224919	-0.004608167	-0.004760704	0.006289244	0.00648172
t-122	0.002446369	-0.0076861	0.019232175	0.000512985	0.008730731	0.00116103
t-123	0.012143797	0.0036859	-0.003561259	0.018050314	0.006481721	0.01071699
t-124	0.006900683	0.01974749	0.002751294	-0.013344681	0.001161035	0.00957911
t-125	0.008133419	0.02625325	-0.023665525	-0.003181838	0.010716993	0.00380312
t-126	0.001582796	-0.0099072	-0.008497262	-0.007533942	0.009579106	-0.002528
t-127	0.00585391	-0.0215902	-0.000694948	0.008655166	0.003803124	-0.0046082
t-128	-0.00108161	-0.0179562	-0.014804272	-0.005857615	-0.002527995	0.01923218
t-129	-0.004921343	-0.0088411	-0.010137831	-0.00302489	-0.004608167	-0.0035613
t-130	-0.005946189	0.00365355	0.004271626	0.01080857	0.019232175	0.00275129
t-131	-0.003341374	-0.0093617	0.012799989	-0.007437302	-0.003561259	-0.0236655
t-132	0.001623199	0.00118011	0.00705765	0.000253194	0.002751294	-0.0084973
t-133	-0.002621684	0.0028612	0.000454701	-0.000334077	-0.023665525	-0.0006949
t-134	-0.003997408	0.02883806	0.020857731	0.017770556	-0.008497262	-0.0148043
t-135	0.004541508	-0.0067333	0.024887511	0.007405843	-0.000694948	-0.0101378
t-136	0.003558092	-0.0421054	-0.027385023	0.011165183	-0.014804272	0.00427163
t-137	0.0027531	-0.0280506	-0.003257106	0.002710107	-0.010137831	0.01279999
t-138	-0.000421441	-0.0125411	-0.016075833	-0.013511272	0.004271626	0.00705765
t-139	0.001344846	0.00628924	0.011817019	-0.012989829	0.012799989	0.0004547
t-140	0.004025616	0.00873073	-0.005278947	0.015137355	0.00705765	0.02085773
t-141	-0.007621712	0.00648172	-0.016848717	-0.019888374	0.000454701	0.02488751
t-142	0.006151046	0.00116103	0.00434381	-0.009955277	0.020857731	-0.027385
t-143	-0.009943037	0.01071699	0.012818184	-0.005725392	0.024887511	-0.0032571
t-144	0.003313191	0.00957911	0.001055232	6.50394E-05	-0.027385023	-0.0160758
t-145	-0.007535558	0.00380312	0.004803876	-0.005008557	-0.003257106	0.01181702
t-146	-0.008607704	-0.002528	-0.002559857	0.014330955	-0.016075833	-0.0052789
t-147	0.006061624	-0.0046082	-0.02103605	-0.001320361	0.011817019	-0.0168487
t-148	0.002970841	0.01923218	-0.003286992	-0.019049786	-0.005278947	0.00434381
t-149	0.00431983	-0.0035613	0.005212905	0.013589037	-0.016848717	0.01281818
t-150	0.001138737	0.00275129	0.010332045	0.007254161	0.00434381	0.00105523

Saham	LPGI	MICE	MLPL	MPPA	PGAS
t-31	0.013772222	-0.004803664	-0.017956225	-0.017956225	0.008919468
t-32	-0.003148611	0.009525095	-0.00884112	-0.00884112	-0.004215178
t-33	-0.001179378	0.004305728	0.00365355	0.00365355	0.005765739
t-34	-0.001253743	0.006764173	-0.009361651	-0.009361651	-0.001844698
t-35	0.015581145	-0.002369747	0.001180113	0.001180113	-0.00041955
t-36	0.010947432	0.002428966	0.002861201	0.002861201	0.006156684
t-37	-0.000319707	0.006395504	0.02883806	0.02883806	0.01258077
t-38	0.007090837	0.004217708	-0.006733302	-0.006733302	0.00372564
t-39	0.002829941	0.010876058	-0.042105409	-0.042105409	-0.007794168
t-40	-0.01338451	-0.014408902	-0.028050586	-0.028050586	0.011222708
t-41	0.001984444	-0.002024135	-0.012541107	-0.012541107	0.007990727
t-42	-0.012705391	0.016301171	0.006289244	0.006289244	-0.009737377
t-43	0.007794834	0.007806905	0.008730731	0.008730731	-0.010010264
t-44	-0.012660083	-0.003866057	0.006481721	0.006481721	-0.004859636
t-45	-0.003064211	-0.007433923	0.001161035	0.001161035	0.010423953
t-46	0.005128346	0.006727408	0.010716993	0.010716993	0.001212875
t-47	0.005221336	0.009908223	0.009579106	0.009579106	0.00800229
t-48	0.005310323	0.01521984	0.003803124	0.003803124	0.000180613
t-49	0.013839885	0.004418049	-0.002527995	-0.002527995	0.010497726
t-50	0.002392877	-0.009128889	-0.004608167	-0.004608167	0.003647602
t-51	-0.007521435	0.00651425	0.019232175	0.019232175	-0.001028842
t-52	0.012180058	0.000475654	-0.003561259	-0.003561259	0.005837826
t-53	0.007787901	0.007086562	0.002751294	0.002751294	0.00436823
t-54	0.001278796	0.017649433	-0.023665525	-0.023665525	-0.003563507
t-55	-0.010071886	0.002079606	-0.008497262	-0.008497262	0.009482219
t-56	0.006671192	-0.005103071	-0.000694948	-0.000694948	0.00921443
t-57	-0.013306952	-0.014174083	-0.014804272	-0.014804272	0.007364962
t-58	-0.001100672	0.005559638	-0.010137831	-0.010137831	-0.007752149
t-59	0.019542739	0.00653947	0.004271626	0.004271626	-0.007354569
t-60	0.005149569	-0.010267557	0.012799989	0.012799989	0.00031868
t-61	5.21546E-06	-0.00487077	0.00705765	0.00705765	0.017435359
t-62	0.00737108	-0.005131978	0.000454701	0.000454701	0.004365499
t-63	0.00537166	-0.004457989	0.020857731	0.020857731	-0.025817924
t-64	-0.012824369	0.002282601	0.024887511	0.024887511	-0.013055754
t-65	-0.012272538	-0.002554381	-0.027385023	-0.027385023	0.004143666
t-66	-0.007963375	0.001630907	-0.003257106	-0.003257106	0.005612522
t-67	-0.002420341	0.000206921	-0.016075833	-0.016075833	0.004722306
t-68	0.004407868	0.002830552	0.011817019	0.011817019	0.004384123
t-69	0.01113288	-0.001642031	-0.005278947	-0.005278947	-5.90914E-05
t-70	0.009777752	0.004617263	-0.016848717	-0.016848717	-0.006552933
t-71	-0.022491941	0.009167281	0.00434381	0.00434381	0.011575015
t-72	-0.007686145	-0.001526967	0.012818184	0.012818184	0.031915565
t-73	0.0036859	0.001982033	0.001055232	0.001055232	0.012794724
t-74	0.019747492	-0.024399672	0.004803876	0.004803876	0.000148789
t-75	0.026253248	0.003405043	-0.002559857	-0.002559857	0.005935769
t-76	-0.009907236	0.00510417	-0.02103605	-0.02103605	-0.006424972
t-77	-0.021590158	0.010787173	-0.003286992	-0.003286992	-0.012883596
t-78	-0.017956225	-0.008558129	0.005212905	0.005212905	-0.016084536
t-79	-0.00884112	0.006120456	0.010332045	0.010332045	0.012420726
t-80	0.00365355	-0.007668327	0.012025812	0.012025812	0.01452577
t-81	-0.009361651	0.00989919	0.007235794	0.007235794	0.002414085
t-82	0.001180113	0.003981051	0.006482229	0.006482229	0.003156875
t-83	0.002861201	-0.003449736	-0.005465455	-0.005465455	-0.001417748
t-84	0.02883806	-0.004642753	-0.005393179	-0.005393179	-0.008606806
t-85	-0.006733302	0.000352298	0.002702098	0.002702098	0.008506995
t-86	-0.042105409	0.000277949	-0.000962387	-0.000962387	0.003332111
t-87	-0.028050586	-0.009204824	0.003961656	0.003961656	0.013667169
t-88	-0.012541107	0.007770968	-0.008110066	-0.008110066	-0.011706831
t-89	0.006289244	0.00280629	0.002912339	0.002912339	-0.008876011

Saham	LPGI	MICE	MLPL	MPPA	PGAS
t-90	0.008730731	0.001050755	0.012715145	0.012715145	-0.013934684
t-91	0.006481721	0.007963138	0.002713234	0.002713234	-0.000920336
t-92	0.001161035	-0.003607973	0.002530323	0.002530323	0.014554211
t-93	0.010716993	-0.003299327	-0.003850489	-0.003850489	0.00802569
t-94	0.009579106	0.001665214	0.007252794	0.007252794	-0.008562214
t-95	0.003803124	0.016640205	-0.008371638	-0.008371638	-0.005754771
t-96	-0.002527995	0.001496322	-0.005927083	-0.005927083	-0.011066685
t-97	-0.004608167	-0.000921847	0.001799299	0.001799299	-0.007684652
t-98	0.019232175	0.006076884	0.018248216	0.018248216	0.015398096
t-99	-0.003561259	-0.007078513	-0.000422132	-0.000422132	0.005316873
t-100	0.002751294	0.004081535	0.000505219	0.000505219	-0.004131252
t-101	-0.023665525	-0.007102544	-0.010939739	-0.010939739	0.003831532
t-102	-0.008497262	0.001076177	-0.004778262	-0.004778262	-0.022963439
t-103	-0.000694948	0.003009725	0.003260015	0.003260015	0.003900745
t-104	-0.014804272	0.000747066	0.006218527	0.006218527	-0.001905855
t-105	-0.010137831	0.01135724	0.006310216	0.006310216	-0.005649795
t-106	0.004271626	-0.003813757	0.013086323	0.013086323	-0.010810864
t-107	0.012799989	-0.002006734	0.001668388	0.001668388	0.001079786
t-108	0.00705765	0.007832439	0.006553124	0.006553124	0.013411199
t-109	0.000454701	0.010353273	0.001346912	0.001346912	-0.007309397
t-110	0.020857731	0.013772222	0.020723267	0.020723267	0.015221208
t-111	0.024887511	-0.003148611	0.018107699	0.018107699	-0.017976603
t-112	-0.027385023	-0.001179378	-0.00183828	-0.00183828	-0.013752313
t-113	-0.003257106	-0.001253743	-0.00644691	-0.00644691	-0.00781735
t-114	-0.016075833	0.015581145	-0.001763528	-0.001763528	-0.002092834
t-115	0.011817019	0.010947432	-0.004039158	-0.004039158	0.008168783
t-116	-0.005278947	-0.000319707	0.012874248	0.012874248	0.005984616
t-117	-0.016848717	0.007090837	-0.004587356	-0.004587356	-0.002098273
t-118	0.00434381	0.002829941	0.039043149	0.039043149	-0.01730179
t-119	0.012818184	-0.01338451	0.00427086	0.00427086	-0.01404345
t-120	0.001055232	0.001984444	0.016708666	0.016708666	0.002653631
t-121	0.004803876	-0.012705391	0.013493325	0.013493325	-0.006048979
t-122	-0.002559857	0.007794834	-0.004199574	-0.004199574	0.002115744
t-123	-0.02103605	-0.012660083	0.017337411	0.017337411	-0.003046679
t-124	-0.003286992	-0.003064211	-0.00570432	-0.00570432	0.010633718
t-125	0.005212905	0.005128346	-0.001664546	-0.001664546	0.00748012
t-126	0.010332045	0.005221336	-0.012845903	-0.012845903	-0.014292816
t-127	0.012025812	0.005310323	0.001983204	0.001983204	0.006951925
t-128	0.007235794	0.013839885	0.00769548	0.00769548	0.006116629
t-129	0.006482229	0.002392877	-0.004409109	-0.004409109	0.005936643
t-130	-0.005465455	-0.007521435	0.003532684	0.003532684	-0.00611757
t-131	-0.005393179	0.012180058	0.003983406	0.003983406	0.007407237
t-132	0.002702098	0.007787901	0.010827555	0.010827555	0.006559874
t-133	-0.000962387	0.001278796	0.006383999	0.006383999	0.005624616
t-134	0.003961656	-0.010071886	-0.000134585	-0.000134585	0.01315392
t-135	-0.008110066	0.006671192	0.009044676	0.009044676	-0.003277979
t-136	0.002912339	-0.013306952	-0.003187172	-0.003187172	-0.006630067
t-137	0.012715145	-0.001100672	-0.007144789	-0.007144789	0.007074264
t-138	0.002713234	0.019542739	-0.008251809	-0.008251809	0.00959642
t-139	0.002530323	0.005149569	0.007189744	0.007189744	0.006886455
t-140	-0.003850489	5.21546E-06	0.005140362	0.005140362	-0.024310643
t-141	0.007252794	0.00737108	0.020680101	0.020680101	0.004045983
t-142	-0.008371638	0.00537166	0.003225343	0.003225343	-0.000198336
t-143	-0.005927083	-0.012824369	-0.027892637	-0.027892637	-0.012027137
t-144	0.001799299	-0.012272538	-0.003356171	-0.003356171	-0.022451688
t-145	0.018248216	-0.007963375	-0.008891678	-0.008891678	-0.004575038
t-146	-0.000422132	-0.002420341	0.012867094	0.012867094	-0.018606243
t-147	0.000505219	0.004407868	0.005193554	0.005193554	0.04648604
t-148	-0.010939739	0.01113288	0.005946032	0.005946032	-0.012034259
t-149	-0.004778262	0.009777752	-0.006022659	-0.006022659	-0.001021319
t-150	0.003260015	-0.022491941	0.010663701	0.010663701	0.033527231

Saham	PTPP	RALS	SCMA	SGRO	SMAR
t-31	0.001982033	0.000277949	-0.007668327	-0.008558129	0.001982033
t-32	-0.024399672	-0.009204824	0.00989919	0.006120456	-0.024399672
t-33	0.003405043	0.007770968	0.003981051	-0.007668327	0.003405043
t-34	0.00510417	0.00280629	-0.003449736	0.00989919	0.00510417
t-35	0.010787173	0.001050755	-0.004642753	0.003981051	0.010787173
t-36	-0.008558129	0.007963138	0.000352298	-0.003449736	-0.008558129
t-37	0.006120456	-0.003607973	0.000277949	-0.004642753	0.006120456
t-38	-0.007668327	-0.003299327	-0.009204824	0.000352298	-0.007668327
t-39	0.00989919	0.001665214	0.007770968	0.000277949	0.00989919
t-40	0.003981051	0.016640205	0.00280629	-0.009204824	0.003981051
t-41	-0.003449736	0.001496322	0.001050755	0.007770968	-0.003449736
t-42	-0.004642753	-0.000921847	0.007963138	0.00280629	-0.004642753
t-43	0.000352298	0.006076884	-0.003607973	0.001050755	0.000352298
t-44	0.000277949	-0.007078513	-0.003299327	0.007963138	0.000277949
t-45	-0.009204824	0.004081535	0.001665214	-0.003607973	-0.009204824
t-46	0.007770968	-0.007102544	0.016640205	-0.003299327	0.007770968
t-47	0.00280629	0.001076177	0.001496322	0.001665214	0.00280629
t-48	0.001050755	0.003009725	-0.000921847	0.016640205	0.001050755
t-49	0.007963138	0.000747066	0.006076884	0.001496322	0.007963138
t-50	-0.003607973	0.01135724	-0.007078513	-0.000921847	-0.003607973
t-51	-0.003299327	-0.003813757	0.004081535	0.006076884	-0.003299327
t-52	0.001665214	-0.002006734	-0.007102544	-0.007078513	0.001665214
t-53	0.016640205	0.007832439	0.001076177	0.004081535	0.016640205
t-54	0.001496322	0.010353273	0.003009725	-0.007102544	0.001496322
t-55	-0.000921847	0.013772222	0.000747066	0.001076177	-0.000921847
t-56	0.006076884	-0.003148611	0.01135724	0.003009725	0.006076884
t-57	-0.007078513	-0.001179378	-0.003813757	0.000747066	-0.007078513
t-58	0.004081535	-0.001253743	-0.002006734	0.01135724	0.004081535
t-59	-0.007102544	0.015581145	0.007832439	-0.003813757	-0.007102544
t-60	0.001076177	0.010947432	0.010353273	-0.002006734	0.001076177
t-61	0.003009725	-0.000319707	0.013772222	0.007832439	0.003009725
t-62	0.000747066	0.007090837	-0.003148611	0.010353273	0.000747066
t-63	0.01135724	0.002829941	-0.001179378	0.013772222	0.01135724
t-64	-0.003813757	-0.01338451	-0.001253743	-0.003148611	-0.003813757
t-65	-0.002006734	0.001984444	0.015581145	-0.001179378	-0.002006734
t-66	0.007832439	-0.012705391	0.010947432	-0.001253743	0.007832439
t-67	0.010353273	0.007794834	-0.000319707	0.015581145	0.010353273
t-68	0.013772222	-0.012660083	0.007090837	0.010947432	0.013772222
t-69	-0.003148611	-0.003064211	0.002829941	-0.000319707	-0.003148611
t-70	-0.001179378	0.005128346	-0.01338451	0.007090837	-0.001179378
t-71	-0.001253743	0.005221336	0.001984444	0.002829941	-0.001253743
t-72	0.015581145	0.005310323	-0.012705391	-0.01338451	0.015581145
t-73	0.010947432	0.013839885	0.007794834	0.001984444	0.010947432
t-74	-0.000319707	0.002392877	-0.012660083	-0.012705391	-0.000319707
t-75	0.007090837	-0.007521435	-0.003064211	0.007794834	0.007090837
t-76	0.002829941	0.012180058	0.005128346	-0.012660083	0.002829941
t-77	-0.01338451	0.007787901	0.005221336	-0.003064211	-0.01338451
t-78	0.001984444	0.001278796	0.005310323	0.005128346	0.001984444
t-79	-0.012705391	-0.010071886	0.013839885	0.005221336	-0.012705391
t-80	0.007794834	0.006671192	0.002392877	0.005310323	0.007794834
t-81	-0.012660083	-0.013306952	-0.007521435	0.013839885	-0.012660083
t-82	-0.003064211	-0.001100672	0.012180058	0.002392877	-0.003064211
t-83	0.005128346	0.019542739	0.007787901	-0.007521435	0.005128346
t-84	0.005221336	0.005149569	0.001278796	0.012180058	0.005221336
t-85	0.005310323	5.21546E-06	-0.010071886	0.007787901	0.005310323
t-86	0.013839885	0.00737108	0.006671192	0.001278796	0.013839885
t-87	0.002392877	0.00537166	-0.013306952	-0.010071886	0.002392877
t-88	-0.007521435	-0.012824369	-0.001100672	0.006671192	-0.007521435
t-89	0.012180058	-0.012272538	0.019542739	-0.013306952	0.012180058
t-90	0.007787901	-0.007963375	0.005149569	-0.001100672	0.007787901
t-91	0.001278796	-0.002420341	5.21546E-06	0.019542739	0.001278796

Saham	PTPP	RALS	SCMA	SGRO	SMAR
t-92	-0.010071886	0.004407868	0.00737108	0.005149569	-0.010071886
t-93	0.006671192	0.01113288	0.00537166	5.21546E-06	0.006671192
t-94	-0.013306952	0.009777752	-0.012824369	0.00737108	-0.013306952
t-95	-0.001100672	-0.022491941	-0.012272538	0.00537166	-0.001100672
t-96	0.019542739	-0.007686145	-0.007963375	-0.012824369	0.019542739
t-97	0.005149569	0.0036859	-0.002420341	-0.012272538	0.005149569
t-98	5.21546E-06	0.019747492	0.004407868	-0.007963375	5.21546E-06
t-99	0.00737108	0.026253248	0.01113288	-0.002420341	0.00737108
t-100	0.00537166	-0.009907236	0.009777752	0.004407868	0.00537166
t-101	-0.012824369	-0.021590158	-0.022491941	0.01113288	-0.012824369
t-102	-0.012272538	-0.017956225	-0.007686145	0.009777752	-0.012272538
t-103	-0.007963375	-0.00884112	0.0036859	-0.022491941	-0.007963375
t-104	-0.002420341	0.00365355	0.019747492	-0.007686145	-0.002420341
t-105	0.004407868	-0.009361651	0.026253248	0.0036859	0.004407868
t-106	0.01113288	0.001180113	-0.009907236	0.019747492	0.01113288
t-107	0.009777752	0.002861201	-0.021590158	0.026253248	0.009777752
t-108	-0.022491941	0.02883806	-0.017956225	-0.009907236	-0.022491941
t-109	-0.007686145	-0.006733302	-0.00884112	-0.021590158	-0.007686145
t-110	0.0036859	-0.042105409	0.00365355	-0.017956225	0.0036859
t-111	0.019747492	-0.028050586	-0.009361651	-0.00884112	0.019747492
t-112	0.026253248	-0.012541107	0.001180113	0.00365355	0.026253248
t-113	-0.009907236	0.006289244	0.002861201	-0.009361651	-0.009907236
t-114	-0.021590158	0.008730731	0.02883806	0.001180113	-0.021590158
t-115	-0.017956225	0.006481721	-0.006733302	0.002861201	-0.017956225
t-116	-0.00884112	0.001161035	-0.042105409	0.02883806	-0.00884112
t-117	0.00365355	0.010716993	-0.028050586	-0.006733302	0.00365355
t-118	-0.009361651	0.009579106	-0.012541107	-0.042105409	-0.009361651
t-119	0.001180113	0.003803124	0.006289244	-0.028050586	0.001180113
t-120	0.002861201	-0.002527995	0.008730731	-0.012541107	0.002861201
t-121	0.02883806	-0.004608167	0.006481721	0.006289244	0.02883806
t-122	-0.006733302	0.019232175	0.001161035	0.008730731	-0.006733302
t-123	-0.042105409	-0.003561259	0.010716993	0.006481721	-0.042105409
t-124	-0.028050586	0.002751294	0.009579106	0.001161035	-0.028050586
t-125	-0.012541107	-0.023665525	0.003803124	0.010716993	-0.012541107
t-126	0.006289244	-0.008497262	-0.002527995	0.009579106	0.006289244
t-127	0.008730731	-0.000694948	-0.004608167	0.003803124	0.008730731
t-128	0.006481721	-0.014804272	0.019232175	-0.002527995	0.006481721
t-129	0.001161035	-0.010137831	-0.003561259	-0.004608167	0.001161035
t-130	0.010716993	0.004271626	0.002751294	0.019232175	0.010716993
t-131	0.009579106	0.012799989	-0.023665525	-0.003561259	0.009579106
t-132	0.003803124	0.00705765	-0.008497262	0.002751294	0.003803124
t-133	-0.002527995	0.000454701	-0.000694948	-0.023665525	-0.002527995
t-134	-0.004608167	0.020857731	-0.014804272	-0.008497262	-0.004608167
t-135	0.019232175	0.024887511	-0.010137831	-0.000694948	0.019232175
t-136	-0.003561259	-0.027385023	0.004271626	-0.014804272	-0.003561259
t-137	0.002751294	-0.003257106	0.012799989	-0.010137831	0.002751294
t-138	-0.023665525	-0.016075833	0.00705765	0.004271626	-0.023665525
t-139	-0.008497262	0.011817019	0.000454701	0.012799989	-0.008497262
t-140	-0.000694948	-0.005278947	0.020857731	0.00705765	-0.000694948
t-141	-0.014804272	-0.016848717	0.024887511	0.000454701	-0.014804272
t-142	-0.010137831	0.00434381	-0.027385023	0.020857731	-0.010137831
t-143	0.004271626	0.012818184	-0.003257106	0.024887511	0.004271626
t-144	0.012799989	0.001055232	-0.016075833	-0.027385023	0.012799989
t-145	0.00705765	0.004803876	0.011817019	-0.003257106	0.00705765
t-146	0.000454701	-0.002559857	-0.005278947	-0.016075833	0.000454701
t-147	0.020857731	-0.02103605	-0.016848717	0.011817019	0.020857731
t-148	0.024887511	-0.003286992	0.00434381	-0.005278947	0.024887511
t-149	-0.027385023	0.005212905	0.012818184	-0.016848717	-0.027385023
t-150	-0.003257106	0.010332045	0.001055232	0.00434381	-0.003257106

Saham	SMGR	SMRA	SMSM	TKIM
t-31	0.008919468	0.006120456	0.01315392	0.0106386
t-32	-0.004215178	-0.007668327	-0.003277979	-0.000815063
t-33	0.005765739	0.00989919	-0.006630067	-0.044328804
t-34	-0.001844698	0.003981051	0.007074264	0.017129282
t-35	-0.00041955	-0.003449736	0.00959642	-0.001703241
t-36	0.006156684	-0.004642753	0.006886455	0.017862904
t-37	0.01258077	0.000352298	-0.024310643	0.005468828
t-38	0.00372564	0.000277949	0.004045983	0.001498368
t-39	-0.007794168	-0.009204824	-0.000198336	0.034391684
t-40	0.011222708	0.007770968	-0.012027137	-0.029906299
t-41	0.007990727	0.00280629	-0.022451688	-0.018200779
t-42	-0.009737377	0.001050755	-0.004575038	-0.048626563
t-43	-0.010010264	0.007963138	-0.018606243	-0.003486251
t-44	-0.004859636	-0.003607973	0.04648604	-0.009894895
t-45	0.010423953	-0.003299327	-0.012034259	-0.003718839
t-46	0.001212875	0.001665214	-0.001021319	0.015164405
t-47	0.00800229	0.016640205	0.033527231	-0.003624693
t-48	0.000180613	0.001496322	0.004346063	-0.006776213
t-49	0.010497726	-0.000921847	0.001652182	0.01000174
t-50	0.003647602	0.006076884	-0.002001798	0.011177348
t-51	-0.001028842	-0.007078513	0.039817465	-0.004803664
t-52	0.005837826	0.004081535	0.029197808	0.009525095
t-53	0.00436823	-0.007102544	0.005305039	0.004305728
t-54	-0.003563507	0.001076177	-0.005545923	0.006764173
t-55	0.009482219	0.003009725	-0.021747566	-0.002369747
t-56	0.00921443	0.000747066	0.015307421	0.002428966
t-57	0.007364962	0.01135724	-0.022372818	0.006395504
t-58	-0.007752149	-0.003813757	0.022296584	0.004217708
t-59	-0.007354569	-0.002006734	0.01915265	0.010876058
t-60	0.00031868	0.007832439	0.014777065	-0.014408902
t-61	0.017435359	0.010353273	-0.037087888	-0.002024135
t-62	0.004365499	0.013772222	-0.011789026	0.016301171
t-63	-0.025817924	-0.003148611	-0.000380193	0.007806905
t-64	-0.013055754	-0.001179378	-0.01114987	-0.003866057
t-65	0.004143666	-0.001253743	0.0104109	-0.007433923
t-66	0.005612522	0.015581145	-0.032116513	0.006727408
t-67	0.004722306	0.010947432	-0.05584484	0.009908223
t-68	0.004384123	-0.000319707	-0.024860597	0.01521984
t-69	-5.90914E-05	0.007090837	-0.003107411	0.004418049
t-70	-0.006552933	0.002829941	0.010174527	-0.009128889
t-71	0.011575015	-0.01338451	0.011879033	0.00651425
t-72	0.031915565	0.001984444	-0.025502461	0.000475654
t-73	0.012794724	-0.012705391	0.016661479	0.007086562
t-74	0.000148789	0.007794834	0.003556147	0.017649433
t-75	0.005935769	-0.012660083	0.003027733	0.002079606
t-76	-0.006424972	-0.003064211	0.000409718	-0.005103071
t-77	-0.012883596	0.005128346	0.006117711	-0.014174083
t-78	-0.016084536	0.005221336	-0.01682965	0.005559638
t-79	0.012420726	0.005310323	-0.003261187	0.00653947
t-80	0.01452577	0.013839885	-0.009322781	-0.010267557
t-81	0.002414085	0.002392877	-0.010290437	-0.00487077
t-82	0.003156875	-0.007521435	0.018845179	-0.005131978
t-83	-0.001417748	0.012180058	-0.009615636	-0.004457989
t-84	-0.008606806	0.007787901	0.00084231	0.002282601
t-85	0.008506995	0.001278796	0.008855326	-0.002554381
t-86	0.003332111	-0.010071886	0.007528343	0.001630907
t-87	0.013667169	0.006671192	0.001792611	0.000206921
t-88	-0.011706831	-0.013306952	0.00056573	0.002830552
t-89	-0.008876011	-0.001100672	0.034488981	-0.001642031

Saham	SMGR	SMRA	SMSM	TKIM
t-90	-0.013934684	0.019542739	0.016995377	0.004617263
t-91	-0.000920336	0.005149569	-0.006727046	0.009167281
t-92	0.014554211	5.21546E-06	-0.036756294	-0.001526967
t-93	0.00802569	0.00737108	0.004555723	0.001982033
t-94	-0.008562214	0.00537166	0.001044378	-0.024399672
t-95	-0.005754771	-0.012824369	-0.032049218	0.003405043
t-96	-0.011066685	-0.012272538	-0.010203776	0.00510417
t-97	-0.007684652	-0.007963375	-0.008600077	0.010787173
t-98	0.015398096	-0.002420341	0.03061456	-0.008558129
t-99	0.005316873	0.004407868	0.019186183	0.006120456
t-100	-0.004131252	0.01113288	0.038212457	-0.007668327
t-101	0.003831532	0.009777752	-0.002390334	0.00989919
t-102	-0.022963439	-0.022491941	-0.019026585	0.003981051
t-103	0.003900745	-0.007686145	-0.024756418	-0.003449736
t-104	-0.001905855	0.0036859	-0.036753541	-0.004642753
t-105	-0.005649795	0.019747492	-0.006982073	0.000352298
t-106	-0.010810864	0.026253248	0.013812585	0.000277949
t-107	0.001079786	-0.009907236	0.002890256	-0.009204824
t-108	0.013411199	-0.021590158	0.033223143	0.007770968
t-109	-0.007309397	-0.017956225	-0.019204541	0.00280629
t-110	0.015221208	-0.00884112	0.019075171	0.001050755
t-111	-0.017976603	0.00365355	-0.035043791	0.007963138
t-112	-0.013752313	-0.009361651	-0.018078752	-0.003607973
t-113	-0.00781735	0.001180113	-0.027172757	-0.003299327
t-114	-0.002092834	0.002861201	-0.004060575	0.001665214
t-115	0.008168783	0.02883806	0.010109483	0.016640205
t-116	0.005984616	-0.006733302	-0.019191373	0.001496322
t-117	-0.002098273	-0.042105409	-0.011895368	-0.000921847
t-118	-0.01730179	-0.028050586	-0.013660853	0.006076884
t-119	-0.01404345	-0.012541107	0.004725058	-0.007078513
t-120	0.002653631	0.006289244	0.017914688	0.004081535
t-121	-0.006048979	0.008730731	-0.013570375	-0.007102544
t-122	0.002115744	0.006481721	0.006578264	0.001076177
t-123	-0.003046679	0.001161035	-0.016627536	0.003009725
t-124	0.010633718	0.010716993	0.00370806	0.000747066
t-125	0.00748012	0.009579106	-0.005027306	0.01135724
t-126	-0.014292816	0.003803124	0.013466232	-0.003813757
t-127	0.006951925	-0.002527995	0.013193372	-0.002006734
t-128	0.006116629	-0.004608167	-0.002200771	0.007832439
t-129	0.005936643	0.019232175	0.001562384	0.010353273
t-130	-0.00611757	-0.003561259	0.005403367	0.013772222
t-131	0.007407237	0.002751294	-0.010048906	-0.003148611
t-132	0.006559874	-0.023665525	0.003262126	-0.001179378
t-133	0.005624616	-0.008497262	0.00923019	-0.001253743
t-134	0.01315392	-0.000694948	0.010200177	0.015581145
t-135	-0.003277979	-0.014804272	0.013478512	0.010947432
t-136	-0.006630067	-0.010137831	-0.013728947	-0.000319707
t-137	0.007074264	0.004271626	-0.013213618	0.007090837
t-138	0.00959642	0.012799989	0.005333288	0.002829941
t-139	0.006886455	0.00705765	0.006864111	-0.01338451
t-140	-0.024310643	0.000454701	0.004267366	0.001984444
t-141	0.004045983	0.020857731	-0.003206735	-0.012705391
t-142	-0.000198336	0.024887511	-0.003408883	0.007794834
t-143	-0.012027137	-0.027385023	0.007291345	-0.012660083
t-144	-0.022451688	-0.003257106	-0.004321213	-0.003064211
t-145	-0.004575038	-0.016075833	-0.000307713	0.005128346
t-146	-0.018606243	0.011817019	-0.002828299	0.005221336
t-147	0.04648604	-0.005278947	0.002797824	0.005310323
t-148	-0.012034259	-0.016848717	0.02126041	0.013839885
t-149	-0.001021319	0.00434381	-0.008632033	0.002392877
t-150	0.033527231	0.012818184	0.002629181	-0.007521435

Saham	TOTL	TURI	UNTR	UNVR	WIKA
t-31	0.01135724	0.013524383	0.003567713	-0.007668327	0.016640205
t-32	-0.003813757	0.01159006	0.002742809	0.00989919	0.001496322
t-33	-0.002006734	-0.01655473	0.011826001	0.003981051	-0.000921847
t-34	0.007832439	-0.005967915	-0.002438168	-0.003449736	0.006076884
t-35	0.010353273	0.001839879	0.001319346	-0.004642753	-0.007078513
t-36	0.013772222	0.004122735	0.003497099	0.000352298	0.004081535
t-37	-0.003148611	-0.003423312	-0.000637294	0.000277949	-0.007102544
t-38	-0.001179378	0.006885604	-0.000944313	-0.009204824	0.001076177
t-39	-0.001253743	-0.010148359	-0.002832408	0.007770968	0.003009725
t-40	0.015581145	-0.003887894	-0.00353843	0.00280629	0.000747066
t-41	0.010947432	-0.004140554	0.011396338	0.001050755	0.01135724
t-42	-0.000319707	0.005402991	0.005340931	0.007963138	-0.003813757
t-43	0.007090837	0.004895583	-0.001051723	-0.003607973	-0.002006734
t-44	0.002829941	0.015358502	0.006017387	-0.003299327	0.007832439
t-45	-0.01338451	-0.012451463	0.006379645	0.001665214	0.010353273
t-46	0.001984444	0.003299505	-0.006190665	0.016640205	0.013772222
t-47	-0.012705391	0.016829312	-0.004472146	0.001496322	-0.003148611
t-48	0.007794834	0.011448408	-0.004986669	-0.000921847	-0.001179378
t-49	-0.012660083	-0.007043317	0.010746834	0.006076884	-0.001253743
t-50	-0.003064211	0.009671617	-0.005752287	-0.007078513	0.015581145
t-51	0.005128346	0.004040934	0.02091761	0.004081535	0.010947432
t-52	0.005221336	-0.00044177	0.011018024	-0.007102544	-0.000319707
t-53	0.005310323	0.001612482	-0.008613523	0.001076177	0.007090837
t-54	0.013839885	0.003239434	-0.016228888	0.003009725	0.002829941
t-55	0.002392877	0.000491057	-0.00906499	0.000747066	-0.01338451
t-56	-0.007521435	0.00835999	-0.001980289	0.01135724	0.001984444
t-57	0.012180058	0.00512829	0.006641182	-0.003813757	-0.012705391
t-58	0.007787901	0.009991921	0.012459003	-0.002006734	0.007794834
t-59	0.001278796	0.002667394	-0.006434789	0.007832439	-0.012660083
t-60	-0.010071886	-0.002638345	5.7688E-05	0.010353273	-0.003064211
t-61	0.006671192	0.000927295	-0.002293143	0.013772222	0.005128346
t-62	-0.013306952	0.004361069	0.012654411	-0.003148611	0.005221336
t-63	-0.001100672	-0.002477198	-0.01673666	-0.001179378	0.005310323
t-64	0.019542739	0.001992834	-0.002434611	-0.001253743	0.013839885
t-65	0.005149569	0.006271336	0.008405378	0.015581145	0.002392877
t-66	5.21546E-06	0.000163491	-0.00486471	0.010947432	-0.007521435
t-67	0.00737108	0.003141522	-0.010249353	-0.000319707	0.012180058
t-68	0.00537166	0.005001833	-0.00023728	0.007090837	0.007787901
t-69	-0.012824369	-0.004655926	0.013096177	0.002829941	0.001278796
t-70	-0.012272538	0.004270707	0.00590684	-0.01338451	-0.010071886
t-71	-0.007963375	0.000493417	0.006777044	0.001984444	0.006671192
t-72	-0.002420341	-0.005276218	-0.017873225	-0.012705391	-0.013306952
t-73	0.004407868	-0.005712655	0.000747051	0.007794834	-0.001100672
t-74	0.01113288	0.015255853	0.005002794	-0.012660083	0.019542739
t-75	0.009777752	-0.002852225	-0.00775501	-0.003064211	0.005149569
t-76	-0.022491941	0.002304034	0.002023853	0.005128346	5.21546E-06
t-77	-0.007686145	0.004181672	-0.003638551	0.005221336	0.00737108
t-78	0.0036859	0.017786229	0.005767806	0.005310323	0.00537166
t-79	0.019747492	-0.002652803	0.005910113	0.013839885	-0.012824369
t-80	0.026253248	-0.010443213	0.011525651	0.002392877	-0.012272538
t-81	-0.009907236	-0.006704952	-0.006513516	-0.007521435	-0.007963375
t-82	-0.021590158	-0.004000234	0.006606696	0.012180058	-0.002420341
t-83	-0.017956225	0.002446369	-3.65302E-05	0.007787901	0.004407868
t-84	-0.00884112	0.012143797	-0.007413892	0.001278796	0.01113288
t-85	0.00365355	0.006900683	0.012797403	-0.010071886	0.009777752
t-86	-0.009361651	0.008133419	0.005080091	0.006671192	-0.022491941
t-87	0.001180113	0.001582796	-0.00943328	-0.013306952	-0.007686145
t-88	0.002861201	0.00585391	-0.000296098	-0.001100672	0.0036859
t-89	0.02883806	-0.00108161	0.012840937	0.019542739	0.019747492
t-90	-0.006733302	-0.004921343	0.009390428	0.005149569	0.026253248
t-91	-0.042105409	-0.005946189	0.003470927	5.21546E-06	-0.009907236
t-92	-0.028050586	-0.003341374	0.010494989	0.00737108	-0.021590158
t-93	-0.012541107	0.001623199	-0.005333511	0.00537166	-0.017956225
t-94	0.006289244	-0.002621684	-0.002034639	-0.012824369	-0.00884112
t-95	0.008730731	-0.003997408	0.00044995	-0.012272538	0.00365355

Saham	TOTL	TURI	UNTR	UNVR	WIKA
t-96	0.006481721	0.004541508	0.000309949	-0.007963375	-0.009361651
t-97	0.001161035	0.003558092	0.011174154	-0.002420341	0.001180113
t-98	0.010716993	0.0027531	-0.004760704	0.004407868	0.002861201
t-99	0.009579106	-0.000421441	0.000512985	0.01113288	0.02883806
t-100	0.003803124	0.001344846	0.018050314	0.009777752	-0.006733302
t-101	-0.002527995	0.004025616	-0.013344681	-0.022491941	-0.042105409
t-102	-0.004608167	-0.007621712	-0.003181838	-0.007686145	-0.028050586
t-103	0.019232175	0.006151046	-0.007533942	0.0036859	-0.012541107
t-104	-0.003561259	-0.009943037	0.008655166	0.019747492	0.006289244
t-105	0.002751294	0.003313191	-0.005857615	0.026253248	0.008730731
t-106	-0.023665525	-0.007535558	-0.00302489	-0.009907236	0.006481721
t-107	-0.008497262	-0.008607704	0.01080857	-0.021590158	0.001161035
t-108	-0.000694948	0.006061624	-0.007437302	-0.017956225	0.010716993
t-109	-0.014804272	0.002970841	0.000253194	-0.00884112	0.009579106
t-110	-0.010137831	0.00431983	-0.000334077	0.00365355	0.003803124
t-111	0.004271626	0.001138737	0.017770556	-0.009361651	-0.002527995
t-112	0.012799989	-0.000248699	0.007405843	0.001180113	-0.004608167
t-113	0.00705765	-0.008697483	0.011165183	0.002861201	0.019232175
t-114	0.000454701	0.004432093	0.002710107	0.02883806	-0.003561259
t-115	0.020857731	0.003124436	-0.013511272	-0.006733302	0.002751294
t-116	0.024887511	-0.003472674	-0.012989829	-0.042105409	-0.023665525
t-117	-0.027385023	0.001333677	0.015137355	-0.028050586	-0.008497262
t-118	-0.003257106	-0.005184706	-0.019888374	-0.012541107	-0.000694948
t-119	-0.016075833	0.008381193	-0.009955277	0.006289244	-0.014804272
t-120	0.011817019	0.002632196	-0.005725392	0.008730731	-0.010137831
t-121	-0.005278947	-0.008286247	6.50394E-05	0.006481721	0.004271626
t-122	-0.016848717	0.000814297	-0.005008557	0.001161035	0.012799989
t-123	0.00434381	-0.00343177	0.014330955	0.010716993	0.00705765
t-124	0.012818184	-0.003277993	-0.001320361	0.009579106	0.000454701
t-125	0.001055232	0.007672618	-0.019049786	0.003803124	0.020857731
t-126	0.004803876	-0.001794728	0.013589037	-0.002527995	0.024887511
t-127	-0.002559857	0.000871396	0.007254161	-0.004608167	-0.027385023
t-128	-0.02103605	0.001207807	-0.001424014	0.019232175	-0.003257106
t-129	-0.003286992	-0.002587181	0.020998882	-0.003561259	-0.016075833
t-130	0.005212905	0.002337208	-0.015206847	0.002751294	0.011817019
t-131	0.010332045	-0.005901334	0.021172789	-0.023665525	-0.005278947
t-132	0.012025812	0.004481804	-0.027918553	-0.008497262	-0.016848717
t-133	0.007235794	0.001951851	-0.010212389	-0.000694948	0.00434381
t-134	0.006482229	0.003605916	0.004446901	-0.014804272	0.012818184
t-135	-0.005465455	0.00049424	0.019899653	-0.010137831	0.001055232
t-136	-0.005393179	0.006166748	0.007580937	0.004271626	0.004803876
t-137	0.002702098	0.001158182	0.000997105	0.012799989	-0.002559857
t-138	-0.000962387	-5.61252E-05	0.023785117	0.00705765	-0.02103605
t-139	0.003961656	0.002815014	-0.000582929	0.000454701	-0.003286992
t-140	-0.008110066	-0.009992105	-0.016967392	0.020857731	0.005212905
t-141	0.002912339	0.009330068	0.017470551	0.024887511	0.010332045
t-142	0.012715145	0.004692381	-0.028690631	-0.027385023	0.012025812
t-143	0.002713234	-0.001251548	0.01755541	-0.003257106	0.007235794
t-144	0.002530323	0.004849971	-0.002912376	-0.016075833	0.006482229
t-145	-0.003850489	-0.006162509	0.010850899	0.011817019	-0.005465455
t-146	0.007252794	0.008884473	0.029497528	-0.005278947	-0.005393179
t-147	-0.008371638	0.01073184	0.02337496	-0.016848717	0.002702098
t-148	-0.005927083	-0.011053796	0.007414548	0.00434381	-0.000962387
t-149	0.001799299	0.006182504	-0.005059931	0.012818184	0.003961656
t-150	0.018248216	-0.010297039	0.045507462	0.001055232	-0.008110066

Lampiran: 10

Perhitungan Alpa dan Beta dengan SPSS 20.0

1. Astra Agro Lestari Tbk, PT (AALI)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.001	.002		-.249	.804
	RM_AALI	.541	.180	.267	3.012	.003

a. Dependent Variable: RS_AALI

2. Akr Corporindo Tbk, PT (AKRA)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.003	.002		1.646	.102
	RM_AKRA	-.063	.226	-.025	-.276	.783

a. Dependent Variable: RS_AKRA

3. Aneka Tambang Tbk, PT (ANTM)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.001	.001		-.586	.559
	RM_ANTM	.049	.159	.029	.310	.757

a. Dependent Variable: RS_ANTM

4. Astra Graphia Tbk, PT (ASGR)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.003	.002		1.319	.190
	RM_ASGR	.046	.331	.013	.139	.890

a. Dependent Variable: RS_ASGR

5. Astra International Tbk, PT (ASII)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.001	.002		.918	.360
	RM_ASII	-.163	.145	-.103	-1.125	.263

a. Dependent Variable: RS_ASII

6. Alam Sutera Realty Tbk, PT (ASRI)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.005	.002		2.311	.023
	RM_ASRI	-.229	.325	-.065	-.703	.483

a. Dependent Variable: RS_ASRI

7. Astra Otoparts Tbk, PT (AUTO)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.001	.002		-.506	.614
	RM_AUTO	.313	.179	.159	1.746	.083

a. Dependent Variable: RS_AUTO

8. Bhakti Capital Indonesia Tbk, PT (BCAP)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.001	.004		.257	.798
	RM_BCAP	.331	.394	.077	.840	.402

a. Dependent Variable: RS_BCAP

9. Bw Plantation Tbk, PT (BWPT)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.001	.002		-.532	.596
	RM_BWPT	.081	.180	.041	.446	.656

a. Dependent Variable: RS_BWPT

10. Colorpak Indonesia Tbk, PT (CLPI)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.004	.003		-1.307	.194
	RM_CLPI	.023	.302	.007	.075	.941

a. Dependent Variable: RS_CLPI

11. Charoen Pokphand Indonesia Tbk, PT (CPIN)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.004	.002		1.837	.069
	RM_CPIN	.121	.286	.039	.424	.673

a. Dependent Variable: RS_CPIN

12. PT Ciputra Property Tbk (CTRP)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.003	.002		1.485	.140
	RM_CTRP	.062	.254	.022	.244	.808

a. Dependent Variable: RS_CTRP

13. Ekadharma International Tbk, PT (EKAD)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.001	.003		.320	.750
	RM_EKAD	.164	.267	.056	.614	.540

a. Dependent Variable: RS_EKAD

14. Fortune Indonesia Tbk, PT (FORU)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.002	.002		.684	.495
	RM_FORU	.291	.249	.107	1.172	.244

a. Dependent Variable: RS_FORU

15. Gudang Garam Tbk, PT (GGRM)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.000	.002		-.269	.788
	RM_GGRM	.137	.191	.066	.718	.474

a. Dependent Variable: RS_GGRM

16. Gajah Tunggal Tbk, PT (GJTL)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.002	.002		.939	.349
	RM_GJTL	.101	.297	.031	.340	.734

a. Dependent Variable: RS_GJTL

17. Indofood Sukses Makmur Tbk, PT (INDF)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.001	.002		.682	.497
	RM_INDF	.079	.147	.049	.537	.592

a. Dependent Variable: RS_INDF

18. Indocement Tunggal Prakarsa Tbk, PT (INTP)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.000	.002		-.251	.802
	RM_INTP	.628	.165	.330	3.798	.000

a. Dependent Variable: RS_INTP

19. Jaya Konstruksi Manggala Pratama Tbk, PT (JKON)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.004	.003		1.274	.205
	RM_JKON	.470	.378	.114	1.244	.216

a. Dependent Variable: RS_JKON

20. Japfa Comfeed Indonesia Tbk, PT (JPFA)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.001	.002		.356	.723
	RM_JPFA	.397	.179	.200	2.216	.029

a. Dependent Variable: RS_JPFA

21. Kalbe Farma Tbk, PT (KLBF)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.001	.003		.442	.660
	RM_KLBF	.470	.222	.191	2.118	.036

a. Dependent Variable: RS_KLBF

22. Lippo General Insurance Tbk, PT (LPGI)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.005	.004		1.152	.252
	RM_LPGI	-.012	.348	-.003	-.035	.972

a. Dependent Variable: RS_LPGI

23. Multi Indocitra Tbk, PT (MICE)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.005	.003		1.550	.124
	RM_MICE	.085	.412	.019	.207	.836

a. Dependent Variable: RS_MICE

24. Multipolar Tbk, PT (MLPL)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.010	.006		1.795	.075
	RM_MLPL	1.227	.486	.226	2.524	.013

a. Dependent Variable: RS_MLPL

25. Matahari Putra Prima Tbk, PT (MPPA)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.006	.004		1.336	.184
	RM_MPPA	.340	.353	.088	.963	.338

a. Dependent Variable: RS_MPPA

26. Perusahaan Gas Negara (Persero) Tbk, PT (PGAS)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.000	.002		.249	.804
	RM_PGAS	-.133	.150	-.081	-.887	.377

a. Dependent Variable: RS_PGAS

27. Pembangunan Perumahan (Persero), PT (PTPP)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.002	.003		-.833	.406
	RM_PTPP	.514	.243	.191	2.110	.037

a. Dependent Variable: RS_PTPP

28. Ramayana Lestari Sentosa Tbk, PT (RALS)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.002	.002		-.662	.509
	RM_RALS	.391	.203	.175	1.931	.056

a. Dependent Variable: RS_RALS

29. Surya Citra Media Tbk, PT (SCMA)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.003	.002		1.293	.198
	RM_SCMA	.512	.212	.217	2.418	.017

a. Dependent Variable: RS_SCMA

30. PT, Sampoerna Agro, Tbk (SGRO)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.001	.002		.520	.604
	RM_SGRO	.576	.173	.292	3.322	.001

a. Dependent Variable: RS_SGRO

31. Sinar Mas Agro Resources And Technology Tbk, PT (Smart Tbk, PT) (SMAR)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.003	.002		1.195	.234
	RM_SMAR	.099	.196	.047	.508	.612

a. Dependent Variable: RS_SMAR

32. Semen Indonesia (Persero) Tbk, PT (SMGR)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.002	.002		1.431	.155
	RM_SMGR	-.352	.150	-.211	-2.346	.021

a. Dependent Variable: RS_SMGR

33. Summarecon Agung Tbk, PT (SMRA)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.000	.002		-.175	.861
	RM_SMRA	.266	.194	.125	1.369	.174

a. Dependent Variable: RS_SMRA

34. Selamat Sempurna Tbk, PT (SMSM)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.002	.002		.921	.359
	RM_SMSM	.068	.110	.057	.625	.533

a. Dependent Variable: RS_SMSM

35. Pabrik Kertas Tjiwi Kimia Tbk, PT (TKIM)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.000	.002		.081	.936
	RM_TKIM	-.141	.208	-.062	-.679	.499

a. Dependent Variable: RS_TKIM

36. Total Bangun Persada Tbk, PT (TOTL)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.001	.002		.332	.741
	RM_TOTL	.182	.165	.101	1.103	.272

a. Dependent Variable: RS_TOTL

37. Tunas Ridean Tbk, PT (TURI)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	9.211E-05	.001		.076	.939
	RM_TURI	.237	.184	.118	1.287	.201

a. Dependent Variable: RS_TURI

38. United Tractor Tbk, PT (UNTR)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.003	.002		1.658	.100
	RM_UNTR	-.091	.177	-.047	-.515	.607

a. Dependent Variable: RS_UNTR

39. Unilever Indonesia Tbk, PT (UNVR)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.001	.002		-.413	.680
	RM_UNVR	.301	.161	.169	1.862	.065

a. Dependent Variable: RS_UNVR

40. Wijaya Karya (Persero) Tbk, PT (WIKA)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.000	.002		-.161	.872
	RM_WIKA	.174	.168	.095	1.032	.304

a. Dependent Variable: RS_WIKA

Lampiran: 11

Daftar Alpa dan Beta Perusahaan Dividen Meningkat

	A	B
AALI	-.000519	.541170
AKRA	.003379	-.062537
ANTM	-.000780	.049331
ASGR	.002822	.046011
ASII	.001452	-.163055
ASRI	.005474	-.228827
AUTO	-.001044	.313163
BCAP	.001022	.331262
BWPT	-.000960	.080508
CLPI	-.004331	.022546
CPIN	.003907	.121192
CTRP	.003111	.061966
EKAD	.000978	.163598
FORU	.001700	.291181
GGRM	-.000497	.136914
GJTL	.002106	.100962
INDF	.001031	.078916
INTP	-.000477	.627796
JKON	.004084	.469566
JPFA	.000720	.396833
KLBF	.001112	.470492
LPGI	.004635	-.012216
MICE	.005293	.085293
MLPL	.010301	1.227103
MPPA	.005567	.340048
PGAS	.000420	-.133083
PTPP	-.002297	.513802
RALS	-.001540	.391001
SCMA	.003103	.511805
SGRO	.001020	.575822
SMAR	.002647	.099427
SMGR	.002410	-.351533
SMRA	-.000386	.265908
SMSM	.001758	.068480
TKIM	.000183	-.141171
TOTL	.000638	.182459
TURI	.000092	.237316
UNTR	.003409	-.091294
UNVR	-.000756	.300522
WIKA	-.000313	.173634

Lampiran: 12

Daftar Saham, Alpa, Beta dan Beta yang telah dikoreksi Perusahaan Dividen Meningkat

	A	B	β Koreksi
AALI	-0.0005	0.54117	1.68356
AKRA	0.00338	-0.0625	2.81675
ANTM	-0.0008	0.04933	1.49253
ASGR	0.00282	0.04601	1.75129
ASII	0.00145	-0.1631	0.05988
ASRI	0.00547	-0.2288	1.43743
AUTO	-0.001	0.31316	1.08407
BCAP	0.00102	0.33126	1.6359
BWPT	-0.001	0.08051	1.05776
CLPI	-0.0043	0.02255	0.52616
CPIN	0.00391	0.12119	0.86262
CTRP	0.00311	0.06197	0.14194
EKAD	0.00098	0.1636	0.6345
FORU	0.0017	0.29118	1.65957
GGRM	-0.0005	0.13691	0.66137
GJTL	0.00211	0.10096	1.24734
INDF	0.00103	0.07892	1.86818
INTP	-0.0005	0.6278	2.86004
JKON	0.00408	0.46957	1.60885
JPFA	0.00072	0.39683	1.81714
KLBF	0.00111	0.47049	2.84856
LPGI	0.00464	-0.0122	0.21137
MICE	0.00529	0.08529	0.05856
MLPL	0.0103	1.2271	1.47765
MPPA	0.00557	0.34005	1.4636
PGAS	0.00042	-0.1331	1.2363
PTPP	-0.0023	0.5138	1.23121
RALS	-0.0015	0.391	1.28691
SCMA	0.0031	0.51181	1.38997
SGRO	0.00102	0.57582	1.70922
SMAR	0.00265	0.09943	0.23265
SMGR	0.00241	-0.3515	0.02416
SMRA	-0.0004	0.26591	2.56491
SMSM	0.00176	0.06848	1.01381
TKIM	0.00018	-0.1412	1.31622
TOTL	0.00064	0.18246	0.40922
TURI	9.2E-05	0.23732	1.42276
UNTR	0.00341	-0.0913	0.66066
UNVR	-0.0008	0.30052	1.14352
WIKA	-0.0003	0.17363	1.44439
Rata-Rata	0.00151	0.20231	1.25131

Lampiran: 13

Perhitungan *Return* Estimasi Perusahaan Dividen Meningkat

Saham	AALI	AKRA	ANTM	ASGR	ASII	ASRI
Alpha	-.001	.003	-.001	.003	.001	.005
Beta Koreksi	.541	-.063	.049	.046	-.163	-.229
t30	-0.0038661	0.00741455	0.009890936	-0.0190266	0.009091756	0.01017453
t29	-0.0074339	-0.0050599	0.001255366	-0.0247564	0.017492126	0.01187903
t28	0.00672741	0.04550746	-0.004851771	-0.0367535	-0.012018701	-0.0255025
t27	0.00990822	0.00727586	0.0013869	-0.0069821	0.013774939	0.01666148
t26	0.01521984	-0.023668	0.001637124	0.01381258	0.006172708	0.00355615
t25	0.00441805	-0.0564447	-0.009043239	0.00289026	-0.00821022	0.00302773
t24	-0.0091289	0.00335126	-0.002866032	0.03322314	-0.003143466	0.00040972
t23	0.00651425	0.00683485	0.010542704	-0.0192045	-0.010676973	0.00611771
t22	0.00047565	0.01129209	0.003650442	0.01907517	0.016254584	-0.0168297
t21	0.00708656	0.0475858	0.019835325	-0.0350438	0.005352347	-0.0032612
t20	0.01764943	-0.0321652	0.000983986	-0.0180788	0.011012295	-0.0093228
t19	0.00207961	0.01697847	0.002185827	-0.0271728	0.006986719	-0.0102904
t18	-0.0051031	-0.0888036	-0.004409188	-0.0040606	-0.01783285	0.01884518
t17	-0.0141741	-0.0145561	-0.017496801	0.01010948	0.002046178	-0.0096156
t16	0.00555964	-0.0007834	-0.003660682	-0.0191914	-0.00352671	0.00084231
t15	0.00653947	-0.0208931	0.003567391	-0.0118954	0.010687975	0.00885533
t14	-0.0102676	0.01612124	0.000235964	-0.0136609	-0.003975443	0.00752834
t13	-0.0048708	-0.0065025	0.008204402	0.00472506	-0.000191366	0.00179261
t12	-0.005132	-0.0195484	0.006913993	0.01791469	0.033205806	0.00056573
t11	-0.004458	-0.0054762	0.008923672	-0.0135704	0.017319067	0.03448898
t10	0.0022826	-0.0256054	-0.008711565	0.00657826	-0.038208689	0.01699538
t9	-0.0025544	-0.0017197	0.002358065	-0.0166275	-0.008624936	-0.006727
t8	0.00163091	0.00098884	0.006181376	0.00370806	-0.021718702	-0.0367563
t7	0.00020692	0.02865373	-0.017299307	-0.0050273	-0.000293162	0.00455572
t6	0.00283055	0.00615566	-0.003596931	0.01346623	9.69407E-05	0.00104438
t5	-0.001642	0.00636202	-0.001491946	0.01319337	0.004145283	-0.0320492
t4	0.00461726	0	0.006425829	-0.0022008	-0.020669414	-0.0102038
t3	0.00916728	-0.0006883	0.014619177	0.00156238	0.000827604	-0.0086001
t2	-0.001527	-0.000687	0.009091756	0.00540337	-0.009828708	0.03061456
t1	0.00198203	-0.0086186	0.017492126	-0.0100489	0.02055583	0.01918618
t0	-0.0243997	0.0106386	-0.012018701	0.00326213	-0.010146519	0.03821246
t-1	0.00340504	-0.0008151	0.013774939	0.00923019	-0.016103233	-0.0023903
t-2	0.00510417	-0.0443288	0.006172708	0.01020018	-0.001831416	-0.0190266
t-3	0.01078717	0.01712928	-0.00821022	0.01347851	-0.014844718	-0.0247564
t-4	-0.0085581	-0.0017032	-0.003143466	-0.0137289	-0.004715157	-0.0367535
t-5	0.00612046	0.0178629	-0.010676973	-0.0132136	0.001106983	-0.0069821
t-6	-0.0076683	0.00546883	0.016254584	0.00533329	-0.01244015	0.01381258
t-7	0.00989919	0.00149837	0.005352347	0.00686411	0.005340745	0.00289026
t-8	0.00398105	0.03439168	0.011012295	0.00426737	-0.013712047	0.03322314
t-9	-0.0034497	-0.0299063	0.006986719	-0.0032067	-0.001733375	-0.0192045
t-10	-0.0046428	-0.0182008	-0.01783285	-0.0034089	0.001115829	0.01907517
t-11	0.0003523	-0.0486266	0.002046178	0.00729135	0.005555558	-0.0350438
t-12	0.00027795	-0.0034863	-0.00352671	-0.0043212	0.003648155	-0.0180788
t-13	-0.0092048	-0.0098949	0.010687975	-0.0003077	0.004022826	-0.0271728
t-14	0.00777097	-0.0037188	-0.003975443	-0.0028283	-0.003905262	-0.0040606
t-15	0.00280629	0.0151644	-0.000191366	0.00279782	0.004002043	0.01010948
t-16	0.00105075	-0.0036247	0.033205806	0.02126041	-0.001608967	-0.0191914
t-17	0.00796314	-0.0067762	0.017319067	-0.008632	0.003576429	-0.0118954
t-18	-0.003608	0.01000174	-0.038208689	0.00262918	-0.006188632	-0.0136609
t-19	-0.0032993	0.01117735	-0.008624936	0.00959268	0.004239564	0.00472506
t-20	0.00166521	-0.0048037	-0.021718702	-0.004513	-0.000605102	0.01791469
t-21	0.01664021	0.00952509	-0.000293162	0.00042183	0.002133945	-0.0135704
t-22	0.00149632	0.00430573	9.69407E-05	-0.0057951	0.00260074	0.00657826
t-23	-0.0009218	0.00676417	0.004145283	0.00070228	-0.003052408	-0.0166275
t-24	0.00607688	-0.0023697	-0.020669414	-0.0118148	0.004767878	0.00370806
t-25	-0.0070785	0.00242897	0.000827604	0.00488473	0.002306738	-0.0050273
t-26	0.00408154	0.0063955	-0.009828708	0.00398491	-0.004767858	0.01346623
t-27	-0.0071025	0.00421771	0.02055583	-0.0006903	-0.001027441	0.01319337
t-28	0.00107618	0.01087606	-0.010146519	0.00261435	-0.002953919	-0.0022008
t-29	0.00300973	-0.0144089	-0.016103233	0.01767324	0.007822353	0.00156238
t-30	0.00074707	-0.0020241	-0.001831416	0.01352438	-0.019311779	0.00540337

Saham	AUTO	BCAP	BWPT	CLPI	CPIN	CTRP	EKAD	FORU
A	-.001	.001	-.001	-.004	.004	.003	.001	.002
Beta Koreksi	.313	.331	.081	.023	.121	.062	.164	.291
t30	0.00780691	0.00281501	0.001582796	-0.0224517	0.0104109	-0.0007308	-0.0037188	-0.0012515
t29	-0.0038661	-0.0099921	0.00585391	-0.004575	-0.0321165	0.00011555	0.0151644	0.00484997
t28	-0.0074339	0.00933007	-0.00108161	-0.0186062	-0.0558448	-0.0041464	-0.0036247	-0.0061625
t27	0.00672741	0.00469238	-0.004921343	0.04648604	-0.0248606	0.00051709	-0.0067762	0.00888447
t26	0.00990822	-0.0012515	-0.005946189	-0.0120343	-0.0031074	0.00447176	0.01000174	0.01073184
t25	0.01521984	0.00484997	-0.003341374	-0.0010213	0.01017453	0.00495679	0.01117735	-0.0110538
t24	0.00441805	-0.0061625	0.001623199	0.03352723	0.01187903	0.00463771	-0.0048037	0.0061825
t23	-0.0091289	0.00888447	-0.002621684	0.00434606	-0.0255025	-0.009425	0.00952509	-0.010297
t22	0.00651425	0.01073184	-0.003997408	0.00165218	0.01666148	0.002516	0.00430573	0.00642676
t21	0.00047565	-0.0110538	0.004541508	-0.0020018	0.00355615	0.00989094	0.00676417	-0.0064068
t20	0.00708656	0.0061825	0.003558092	0.03981746	0.00302773	0.00125537	-0.0023697	0.00492837
t19	0.01764943	-0.010297	0.0027531	0.02919781	0.00040972	-0.0048518	0.00242897	-0.0073765
t18	0.00207961	0.00642676	-0.000421441	0.00530504	0.00611771	0.0013869	0.0063955	-0.0004028
t17	-0.0051031	-0.0064068	0.001344846	-0.0055459	-0.0168297	0.00163712	0.00421771	0.02070639
t16	-0.0141741	0.00492837	0.004025616	-0.0217476	-0.0032612	-0.0090432	0.01087606	-0.0008284
t15	0.00555964	-0.0073765	-0.007621712	0.01530742	-0.0093228	-0.002866	-0.0144089	0.00451013
t14	0.00653947	-0.0004028	0.006151046	-0.0223728	-0.0102904	0.0105427	-0.0020241	-0.0012748
t13	-0.0102676	0.02070639	-0.009943037	0.02229658	0.01884518	0.00365044	0.01630117	0.00409804
t12	-0.0048708	-0.0008284	0.003313191	0.01915265	-0.0096156	0.01983532	0.00780691	0.00994972
t11	-0.005132	0.00451013	-0.007535558	0.01477707	0.00084231	0.00098399	-0.0038661	0.00674908
t10	-0.004458	-0.0012748	-0.008607704	-0.0370879	0.00885533	0.00218583	-0.0074339	-0.0072836
t9	0.0022826	0.00409804	0.006061624	-0.011789	0.00752834	-0.0044092	0.00672741	-0.0030829
t8	-0.0025544	0.00994972	0.002970841	-0.0003802	0.00179261	-0.0174968	0.00990822	0.01419027
t7	0.00163091	0.00674908	0.00431983	-0.0111499	0.00056573	-0.0036607	0.01521984	0.0086318
t6	0.00020692	-0.0072836	0.001138737	0.0104109	0.03448898	0.00356739	0.00441805	-0.0165121
t5	0.00283055	-0.0030829	-0.000248699	-0.0321165	0.01699538	0.00023596	-0.0091289	-0.0119913
t4	-0.001642	0.01419027	-0.008697483	-0.0558448	-0.006727	0.0082044	0.00651425	-0.0007308
t3	0.00461726	0.0086318	0.004432093	-0.0248606	-0.0367563	0.00691399	0.00047565	0.00011555
t2	0.00916728	-0.0165121	0.003124436	-0.0031074	0.00455572	0.00892367	0.00708656	-0.0041464
t1	-0.001527	-0.0119913	-0.003472674	0.01017453	0.00104438	-0.0087116	0.01764943	0.00051709
t0	0.00198203	-0.0007308	0.001333677	0.01187903	-0.0320492	0.00235806	0.00207961	0.00447176
t-1	-0.0243997	0.00011555	-0.005184706	-0.0255025	-0.0102038	0.00618138	-0.0051031	0.00495679
t-2	0.00340504	-0.0041464	0.008381193	0.01666148	-0.0086001	-0.0172993	-0.0141741	0.00463771
t-3	0.00510417	0.00051709	0.002632196	0.00355615	0.03061456	-0.0035969	0.00555964	-0.009425
t-4	0.01078717	0.00447176	-0.008286247	0.00302773	0.01918618	-0.0014919	0.00653947	0.002516
t-5	-0.0085581	0.00495679	0.000814297	0.00040972	0.03821246	0.00642583	-0.0102676	0.00989094
t-6	0.00612046	0.00463771	-0.00343177	0.00611771	-0.0023903	0.01461918	-0.0048708	0.00125537
t-7	-0.0076683	-0.009425	-0.003277993	-0.0168297	-0.0190266	0.00909176	-0.005132	-0.0048518
t-8	0.00989919	0.002516	0.007672618	-0.0032612	-0.0247564	0.01749213	-0.004458	0.0013869
t-9	0.00398105	0.00989094	-0.001794728	-0.0093228	-0.0367535	-0.0120187	0.0022826	0.00163712
t-10	-0.0034497	0.00125537	0.000871396	-0.0102904	-0.0069821	0.01377494	-0.0025544	-0.0090432
t-11	-0.0046428	-0.0048518	0.001207807	0.01884518	0.01381258	0.00617271	0.00163091	-0.002866
t-12	0.0003523	0.0013869	-0.002587181	-0.0096156	0.00289026	-0.0082102	0.00020692	0.0105427
t-13	0.00027795	0.00163712	0.002337208	0.00084231	0.03322314	-0.0031435	0.00283055	0.00365044
t-14	-0.0092048	-0.0090432	-0.005901334	0.00885533	-0.0192045	-0.010677	-0.001642	0.01983532
t-15	0.00777097	-0.002866	0.004481804	0.00752834	0.01907517	0.01625458	0.00461726	0.00098399
t-16	0.00280629	0.0105427	0.001951851	0.00179261	-0.0350438	0.00535235	0.00916728	0.00218583
t-17	0.00105075	0.00365044	0.003605916	0.00056573	-0.0180788	0.01101229	-0.001527	-0.0044092
t-18	0.00796314	0.01983532	0.00049424	0.03448898	-0.0271728	0.00698672	0.00198203	-0.0174968
t-19	-0.003608	0.00098399	0.006166748	0.01699538	-0.0040606	-0.0178328	-0.0243997	-0.0036607
t-20	-0.0032993	0.00218583	0.001158182	-0.006727	0.01010948	0.00204618	0.00340504	0.00356739
t-21	0.00166521	-0.0044092	-5.61252E-05	-0.0367563	-0.0191914	-0.0035267	0.00510417	0.00023596
t-22	0.01664021	-0.0174968	0.002815014	0.00455572	-0.0118954	0.01068798	0.01078717	0.0082044
t-23	0.00149632	-0.0036607	-0.009992105	0.00104438	-0.0136609	-0.0039754	-0.0085581	0.00691399
t-24	-0.0009218	0.00356739	0.009330068	-0.0320492	0.00472506	-0.0001914	0.00612046	0.00892367
t-25	0.00607688	0.00023596	0.004692381	-0.0102038	0.01791469	0.03320581	-0.0076683	-0.0087116
t-26	-0.0070785	0.0082044	-0.001251548	-0.0086001	-0.0135704	0.01731907	0.00989919	0.00235806
t-27	0.00408154	0.00691399	0.004849971	0.03061456	0.00657826	-0.0382087	0.00398105	0.00618138
t-28	-0.0071025	0.00892367	-0.006162509	0.01918618	-0.0166275	-0.0086249	-0.0034497	-0.0172993
t-29	0.00107618	-0.0087116	0.008884473	0.03821246	0.00370806	-0.0217187	-0.0046428	-0.0035969
t-30	0.00300973	0.00235806	0.01073184	-0.0023903	-0.0050273	-0.0002932	0.0003523	-0.0014919

Saham	GGRM	GJTL	INDF	INTP	JKON	JPFA	KLBF
A	.000	.002	.001	.000	.004	.001	.001
Beta Koreksi	.137	.101	.079	.628	.470	.397	.470
t30	0.02070639	-0.011789	-0.0195484	-0.0037188	0.003650442	0.00546883	0.03439168
t29	-0.0008284	-0.0003802	-0.0054762	0.0151644	0.019835325	0.00149837	-0.0299063
t28	0.00451013	-0.0111499	-0.0256054	-0.0036247	0.000983986	0.03439168	-0.0182008
t27	-0.0012748	0.0104109	-0.0017197	-0.0067762	0.002185827	-0.0299063	-0.0486266
t26	0.00409804	-0.0321165	0.00098884	0.01000174	-0.004409188	-0.0182008	-0.0034863
t25	0.00994972	-0.0558448	0.02865373	0.01117735	-0.017496801	-0.0486266	-0.0098949
t24	0.00674908	-0.0248606	0.00615566	-0.0048037	-0.003660682	-0.0034863	-0.0037188
t23	-0.0072836	-0.0031074	0.00636202	0.00952509	0.003567391	-0.0098949	0.0151644
t22	-0.0030829	0.01017453	0	0.00430573	0.000235964	-0.0037188	-0.0036247
t21	0.01419027	0.01187903	-0.0006883	0.00676417	0.008204402	0.0151644	-0.0067762
t20	0.0086318	-0.0255025	-0.000687	-0.0023697	0.006913993	-0.0036247	0.01000174
t19	-0.0165121	0.01666148	-0.0086186	0.00242897	0.008923672	-0.0067762	0.01117735
t18	-0.0119913	0.00355615	0.0106386	0.0063955	-0.008711565	0.01000174	-0.0048037
t17	-0.0007308	0.00302773	-0.0008151	0.00421771	0.002358065	0.01117735	0.00952509
t16	0.00011555	0.00040972	-0.0443288	0.01087606	0.006181376	-0.0048037	0.00430573
t15	-0.0041464	0.00611771	0.01712928	-0.0144089	-0.017299307	0.00952509	0.00676417
t14	0.00051709	-0.0168297	-0.0017032	-0.0020241	-0.003596931	0.00430573	-0.0023697
t13	0.00447176	-0.0032612	0.0178629	0.01630117	-0.001491946	0.00676417	0.00242897
t12	0.00495679	-0.0093228	0.00546883	0.00780691	0.006425829	-0.0023697	0.0063955
t11	0.00463771	-0.0102904	0.00149837	-0.0038661	0.014619177	0.00242897	0.00421771
t10	-0.009425	0.01884518	0.03439168	-0.0074339	0.009091756	0.0063955	0.01087606
t9	0.002516	-0.0096156	-0.0299063	0.00672741	0.017492126	0.00421771	-0.0144089
t8	0.00989094	0.00084231	-0.0182008	0.00990822	-0.012018701	0.01087606	-0.0020241
t7	0.00125537	0.00885533	-0.0486266	0.01521984	0.013774939	-0.0144089	0.01630117
t6	-0.0048518	0.00752834	-0.0034863	0.00441805	0.006172708	-0.0020241	0.00780691
t5	0.0013869	0.00179261	-0.0098949	-0.0091289	-0.00821022	0.01630117	-0.0038661
t4	0.00163712	0.00056573	-0.0037188	0.00651425	-0.003143466	0.00780691	-0.0074339
t3	-0.0090432	0.03448898	0.0151644	0.00047565	-0.010676973	-0.0038661	0.00672741
t2	-0.002866	0.01699538	-0.0036247	0.00708656	0.016254584	-0.0074339	0.00990822
t1	0.0105427	-0.006727	-0.0067762	0.01764943	0.005352347	0.00672741	0.01521984
t0	0.00365044	-0.0367563	0.01000174	0.00207961	0.011012295	0.00990822	0.00441805
t-1	0.01983532	0.00455572	0.01117735	-0.0051031	0.006986719	0.01521984	-0.0091289
t-2	0.00098399	0.00104438	-0.0048037	-0.0141741	-0.01783285	0.00441805	0.00651425
t-3	0.00218583	-0.0320492	0.00952509	0.00555964	0.002046178	-0.0091289	0.00047565
t-4	-0.0044092	-0.0102038	0.00430573	0.00653947	-0.00352671	0.00651425	0.00708656
t-5	-0.0174968	-0.0086001	0.00676417	-0.0102676	0.010687975	0.00047565	0.01764943
t-6	-0.0036607	0.03061456	-0.0023697	-0.0048708	-0.003975443	0.00708656	0.00207961
t-7	0.00356739	0.01918618	0.00242897	-0.005132	-0.000191366	0.01764943	-0.0051031
t-8	0.00023596	0.03821246	0.0063955	-0.004458	0.033205806	0.00207961	-0.0141741
t-9	0.0082044	-0.0023903	0.00421771	0.0022826	0.017319067	-0.0051031	0.00555964
t-10	0.00691399	-0.0190266	0.01087606	-0.0025544	-0.038208689	-0.0141741	0.00653947
t-11	0.00892367	-0.0247564	-0.0144089	0.00163091	-0.008624936	0.00555964	-0.0102676
t-12	-0.0087116	-0.0367535	-0.0020241	0.00020692	-0.021718702	0.00653947	-0.0048708
t-13	0.00235806	-0.0069821	0.01630117	0.00283055	-0.000293162	-0.0102676	-0.005132
t-14	0.00618138	0.01381258	0.00780691	-0.001642	9.69407E-05	-0.0048708	-0.004458
t-15	-0.0172993	0.00289026	-0.0038661	0.00461726	0.004145283	-0.005132	0.0022826
t-16	-0.0035969	0.03322314	-0.0074339	0.00916728	-0.020669414	-0.004458	-0.0025544
t-17	-0.0014919	-0.0192045	0.00672741	-0.001527	0.000827604	0.0022826	0.00163091
t-18	0.00642583	0.01907517	0.00990822	0.00198203	-0.009828708	-0.0025544	0.00020692
t-19	0.01461918	-0.0350438	0.01521984	-0.0243997	0.02055583	0.00163091	0.00283055
t-20	0.00909176	-0.0180788	0.00441805	0.00340504	-0.010146519	0.00020692	-0.001642
t-21	0.01749213	-0.0271728	-0.0091289	0.00510417	-0.016103233	0.00283055	0.00461726
t-22	-0.0120187	-0.0040606	0.00651425	0.01078717	-0.001831416	-0.001642	0.00916728
t-23	0.01377494	0.01010948	0.00047565	-0.0085581	-0.014844718	0.00461726	-0.001527
t-24	0.00617271	-0.0191914	0.00708656	0.00612046	-0.004715157	0.00916728	0.00198203
t-25	-0.0082102	-0.0118954	0.01764943	-0.0076683	0.001106983	-0.001527	-0.0243997
t-26	-0.0031435	-0.0136609	0.00207961	0.00989919	-0.01244015	0.00198203	0.00340504
t-27	-0.010677	0.00472506	-0.0051031	0.00398105	0.005340745	-0.0243997	0.00510417
t-28	0.01625458	0.01791469	-0.0141741	-0.0034497	-0.013712047	0.00340504	0.01078717
t-29	0.00535235	-0.0135704	0.00555964	-0.0046428	-0.001733375	0.00510417	-0.0085581
t-30	0.01101229	0.00657826	0.00653947	0.0003523	0.001115829	0.01078717	0.00612046

Saham	LPGI	MICE	MLPL	MPPA	PGAS	PTPP
A	.005	.005	.010	.006	.000	-.002
Beta Koreksi	-.012	.085	1.227	.340	-.133	.514
t30	0.00441805	0.0009971	0.001496322	0.001496322	-0.008363493	-0.0008151
t29	-0.0091289	0.02378512	-0.000921847	-0.000921847	-0.001569416	-0.0443288
t28	0.00651425	-0.0005829	0.006076884	0.006076884	-0.007550076	0.01712928
t27	0.00047565	-0.0169674	-0.007078513	-0.007078513	0.005227556	-0.0017032
t26	0.00708656	0.01747055	0.004081535	0.004081535	0.012488392	0.0178629
t25	0.01764943	-0.0286906	-0.007102544	-0.007102544	-0.010551127	0.00546883
t24	0.00207961	0.01755541	0.001076177	0.001076177	0.000326573	0.00149837
t23	-0.0051031	-0.0029124	0.003009725	0.003009725	0.000608203	0.03439168
t22	-0.0141741	0.0108509	0.000747066	0.000747066	-0.00194111	-0.0299063
t21	0.00555964	0.02949753	0.01135724	0.01135724	0.006120899	-0.0182008
t20	0.00653947	0.02337496	-0.003813757	-0.003813757	0.003715358	-0.0486266
t19	-0.0102676	0.00741455	-0.002006734	-0.002006734	-0.018387019	-0.0034863
t18	-0.0048708	-0.0050599	0.007832439	0.007832439	0.004362137	-0.0098949
t17	-0.005132	0.04550746	0.010353273	0.010353273	-0.001836361	-0.0037188
t16	-0.004458	0.00727586	0.013772222	0.013772222	0.000638907	0.0151644
t15	0.0022826	-0.023668	-0.003148611	-0.003148611	0.012135704	-0.0036247
t14	-0.0025544	-0.0564447	-0.001179378	-0.001179378	0.002928317	-0.0067762
t13	0.00163091	0.00335126	-0.001253743	-0.001253743	-0.02373701	0.01000174
t12	0.00020692	0.00683485	0.015581145	0.015581145	-0.003294142	0.01117735
t11	0.00283055	0.01129209	0.010947432	0.010947432	0.008000297	-0.0048037
t10	-0.001642	0.0475858	-0.000319707	-0.000319707	0.014272824	0.00952509
t9	0.00461726	-0.0321652	0.007090837	0.007090837	0.001708934	0.00430573
t8	0.00916728	0.01697847	0.002829941	0.002829941	0.003033779	0.00676417
t7	-0.001527	-0.0888036	-0.01338451	-0.01338451	0.007663005	-0.0023697
t6	0.00198203	-0.0145561	0.001984444	0.001984444	-0.000242631	0.00242897
t5	-0.0243997	-0.0007834	-0.012705391	-0.012705391	0.005709228	0.0063955
t4	0.00340504	-0.0208931	0.007794834	0.007794834	-0.001659299	0.00421771
t3	0.00510417	0.01612124	-0.012660083	-0.012660083	0.000773578	0.01087606
t2	0.01078717	-0.0065025	-0.003064211	-0.003064211	-0.000286403	-0.0144089
t1	-0.0085581	-0.0195484	0.005128346	0.005128346	0.0042461	-0.0020241
t0	0.00612046	-0.0054762	0.005221336	0.005221336	0.000191614	0.01630117
t-1	-0.0076683	-0.0256054	0.005310323	0.005310323	-0.01610678	0.00780691
t-2	0.00989919	-0.0017197	0.013839885	0.013839885	0.001342029	-0.0038661
t-3	0.00398105	0.00098884	0.002392877	0.002392877	-0.000422806	-0.0074339
t-4	-0.0034497	0.02865373	-0.007521435	-0.007521435	-0.001032643	0.00672741
t-5	-0.0046428	0.00615566	0.012180058	0.012180058	0.001209651	0.00990822
t-6	0.0003523	0.00636202	0.007787901	0.007787901	-0.000972763	0.01521984
t-7	0.00027795	0	0.001278796	0.001278796	0.004933403	0.00441805
t-8	-0.0092048	-0.0006883	-0.010071886	-0.010071886	0.000574182	-0.0091289
t-9	0.00777097	-0.000687	0.006671192	0.006671192	0.001095823	0.00651425
t-10	0.00280629	-0.0086186	-0.013306952	-0.013306952	0.010029452	0.00047565
t-11	0.00105075	0.0106386	-0.001100672	-0.001100672	0.010669337	0.00708656
t-12	0.00796314	-0.0008151	0.019542739	0.019542739	-0.031632196	0.01764943
t-13	-0.003608	-0.0443288	0.005149569	0.005149569	0	0.00207961
t-14	-0.0032993	0.01712928	5.21546E-06	5.21546E-06	7.41205E-05	-0.0051031
t-15	0.00166521	-0.0017032	0.00737108	0.00737108	0.012988048	-0.0141741
t-16	0.01664021	0.0178629	0.00537166	0.00537166	-0.00682351	0.00555964
t-17	0.00149632	0.00546883	-0.012824369	-0.012824369	0.004335493	0.00653947
t-18	-0.0009218	0.00149837	-0.012272538	-0.012272538	-0.00076509	-0.0102676
t-19	0.00607688	0.03439168	-0.007963375	-0.007963375	0.022158365	-0.0048708
t-20	-0.0070785	-0.0299063	-0.002420341	-0.002420341	0.00957425	-0.005132
t-21	0.00408154	-0.0182008	0.004407868	0.004407868	-0.001096201	-0.004458
t-22	-0.0071025	-0.0486266	0.01113288	0.01113288	0.005347422	0.0022826
t-23	0.00107618	-0.0034863	0.009777752	0.009777752	-0.003671093	-0.0025544
t-24	0.00300973	-0.0098949	-0.022491941	-0.022491941	0.004298757	0.00163091
t-25	0.00074707	-0.0037188	-0.007686145	-0.007686145	0.000264249	0.00020692
t-26	0.01135724	0.0151644	0.0036859	0.0036859	-0.025403916	0.00283055
t-27	-0.0038138	-0.0036247	0.019747492	0.019747492	0.003297231	-0.001642
t-28	-0.0020067	-0.0067762	0.026253248	0.026253248	-0.014473636	0.00461726
t-29	0.00783244	0.01000174	-0.009907236	-0.009907236	-0.00050323	0.00916728
t-30	0.01035327	0.01117735	-0.021590158	-0.021590158	0.032262102	-0.001527

Saham	RALS	SCMA	SGRO	SMAR	SMGR	SMRA	SMSM
A	-.002	.003	.001	.003	.002	.000	.002
Beta Koreksi	.391	.512	.576	.099	-.352	.266	.068
t30	-0.0037188	0.03439168	0.00546883	-0.0008151	-0.008363493	0.00149837	0.01279472
t29	0.0151644	-0.0299063	0.00149837	-0.0443288	-0.001569416	0.03439168	0.00014879
t28	-0.0036247	-0.0182008	0.03439168	0.01712928	-0.007550076	-0.0299063	0.00593577
t27	-0.0067762	-0.0486266	-0.0299063	-0.0017032	0.005227556	-0.0182008	-0.006425
t26	0.01000174	-0.0034863	-0.0182008	0.0178629	0.012488392	-0.0486266	-0.0128836
t25	0.01117735	-0.0098949	-0.0486266	0.00546883	-0.010551127	-0.0034863	-0.0160845
t24	-0.0048037	-0.0037188	-0.0034863	0.00149837	0.000326573	-0.0098949	0.01242073
t23	0.00952509	0.0151644	-0.0098949	0.03439168	0.000608203	-0.0037188	0.01452577
t22	0.00430573	-0.0036247	-0.0037188	-0.0299063	-0.00194111	0.0151644	0.00241409
t21	0.00676417	-0.0067762	0.0151644	-0.0182008	0.006120899	-0.0036247	0.00315688
t20	-0.0023697	0.01000174	-0.0036247	-0.0486266	0.003715358	-0.0067762	-0.0014177
t19	0.00242897	0.01117735	-0.0067762	-0.0034863	-0.018387019	0.01000174	-0.0086068
t18	0.0063955	-0.0048037	0.01000174	-0.0098949	0.004362137	0.01117735	0.00850699
t17	0.00421771	0.00952509	0.01117735	-0.0037188	-0.001836361	-0.0048037	0.00333211
t16	0.01087606	0.00430573	-0.0048037	0.0151644	0.000638907	0.00952509	0.01366717
t15	-0.0144089	0.00676417	0.00952509	-0.0036247	0.012135704	0.00430573	-0.0117068
t14	-0.0020241	-0.0023697	0.00430573	-0.0067762	0.002928317	0.00676417	-0.008876
t13	0.01630117	0.00242897	0.00676417	0.01000174	-0.02373701	-0.0023697	-0.0139347
t12	0.00780691	0.0063955	-0.0023697	0.01117735	-0.003294142	0.00242897	-0.0009203
t11	-0.0038661	0.00421771	0.00242897	-0.0048037	0.008000297	0.0063955	0.01455421
t10	-0.0074339	0.01087606	0.0063955	0.00952509	0.014272824	0.00421771	0.00802569
t9	0.00672741	-0.0144089	0.00421771	0.00430573	0.001708934	0.01087606	-0.0085622
t8	0.00990822	-0.0020241	0.01087606	0.00676417	0.003033779	-0.0144089	-0.0057548
t7	0.01521984	0.01630117	-0.0144089	-0.0023697	0.007663005	-0.0020241	-0.0110667
t6	0.00441805	0.00780691	-0.0020241	0.00242897	-0.000242631	0.01630117	-0.0076847
t5	-0.0091289	-0.0038661	0.01630117	0.0063955	0.005709228	0.00780691	0.0153981
t4	0.00651425	-0.0074339	0.00780691	0.00421771	-0.001659299	-0.0038661	0.00531687
t3	0.00047565	0.00672741	-0.0038661	0.01087606	0.000773578	-0.0074339	-0.0041313
t2	0.00708656	0.00990822	-0.0074339	-0.0144089	-0.000286403	0.00672741	0.00383153
t1	0.01764943	0.01521984	0.00672741	-0.0020241	0.0042461	0.00990822	-0.0229634
t0	0.00207961	0.00441805	0.00990822	0.01630117	0.000191614	0.01521984	0.00390074
t-1	-0.0051031	-0.0091289	0.01521984	0.00780691	-0.01610678	0.00441805	-0.0019059
t-2	-0.0141741	0.00651425	0.00441805	-0.0038661	0.001342029	-0.0091289	-0.0056498
t-3	0.00555964	0.00047565	-0.0091289	-0.0074339	-0.000422806	0.00651425	-0.0108109
t-4	0.00653947	0.00708656	0.00651425	0.00672741	-0.001032643	0.00047565	0.00107979
t-5	-0.0102676	0.01764943	0.00047565	0.00990822	0.001209651	0.00708656	0.0134112
t-6	-0.0048708	0.00207961	0.00708656	0.01521984	-0.000972763	0.01764943	-0.0073094
t-7	-0.005132	-0.0051031	0.01764943	0.00441805	0.004933403	0.00207961	0.01522121
t-8	-0.004458	-0.0141741	0.00207961	-0.0091289	0.000574182	-0.0051031	-0.0179766
t-9	0.0022826	0.00555964	-0.0051031	0.00651425	0.001095823	-0.0141741	-0.0137523
t-10	-0.0025544	0.00653947	-0.0141741	0.00047565	0.010029452	0.00555964	-0.0078174
t-11	0.00163091	-0.0102676	0.00555964	0.00708656	0.010669337	0.00653947	-0.0020928
t-12	0.00020692	-0.0048708	0.00653947	0.01764943	-0.031632196	-0.0102676	0.00816878
t-13	0.00283055	-0.005132	-0.0102676	0.00207961	0	-0.0048708	0.00598462
t-14	-0.001642	-0.004458	-0.0048708	-0.0051031	7.41205E-05	-0.005132	-0.0020983
t-15	0.00461726	0.0022826	-0.005132	-0.0141741	0.012988048	-0.004458	-0.0173018
t-16	0.00916728	-0.0025544	-0.004458	0.00555964	-0.00682351	0.0022826	-0.0140435
t-17	-0.001527	0.00163091	0.0022826	0.00653947	0.004335493	-0.0025544	0.00265363
t-18	0.00198203	0.00020692	-0.0025544	-0.0102676	-0.00076509	0.00163091	-0.006049
t-19	-0.0243997	0.00283055	0.00163091	-0.0048708	0.022158365	0.00020692	0.00211574
t-20	0.00340504	-0.001642	0.00020692	-0.005132	0.00957425	0.00283055	-0.0030467
t-21	0.00510417	0.00461726	0.00283055	-0.004458	-0.001096201	-0.001642	0.01063372
t-22	0.01078717	0.00916728	-0.001642	0.0022826	0.005347422	0.00461726	0.00748012
t-23	-0.0085581	-0.001527	0.00461726	-0.0025544	-0.003671093	0.00916728	-0.0142928
t-24	0.00612046	0.00198203	0.00916728	0.00163091	0.004298757	-0.001527	0.00695193
t-25	-0.0076683	-0.0243997	-0.001527	0.00020692	0.000264249	0.00198203	0.00611663
t-26	0.00989919	0.00340504	0.00198203	0.00283055	-0.025403916	-0.0243997	0.00593664
t-27	0.00398105	0.00510417	-0.0243997	-0.001642	0.003297231	0.00340504	-0.0061176
t-28	-0.0034497	0.01078717	0.00340504	0.00461726	-0.014473636	0.00510417	0.00740724
t-29	-0.0046428	-0.0085581	0.00510417	0.00916728	-0.00050323	0.01078717	0.00655987
t-30	0.0003523	0.00612046	0.01078717	-0.001527	0.032262102	-0.0085581	0.00562462

Saham	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
A	.000	.001	9.211E-05	.003	-.001	.000
Beta Koreksi	-.141	.182	.237	-.091	.301	.174
t30	0.015137355	-0.0038661	-0.0023903	0.013774939	0.03439168	0.00676417
t29	-0.019888374	-0.0074339	-0.0190266	0.006172708	-0.0299063	-0.0023697
t28	-0.009955277	0.00672741	-0.0247564	-0.00821022	-0.0182008	0.00242897
t27	-0.005725392	0.00990822	-0.0367535	-0.003143466	-0.0486266	0.0063955
t26	6.50394E-05	0.01521984	-0.0069821	-0.010676973	-0.0034863	0.00421771
t25	-0.005008557	0.00441805	0.01381258	0.016254584	-0.0098949	0.01087606
t24	0.014330955	-0.0091289	0.00289026	0.005352347	-0.0037188	-0.0144089
t23	-0.001320361	0.00651425	0.03322314	0.011012295	0.0151644	-0.0020241
t22	-0.019049786	0.00047565	-0.0192045	0.006986719	-0.0036247	0.01630117
t21	0.013589037	0.00708656	0.01907517	-0.01783285	-0.0067762	0.00780691
t20	0.007254161	0.01764943	-0.0350438	0.002046178	0.01000174	-0.0038661
t19	-0.001424014	0.00207961	-0.0180788	-0.00352671	0.01117735	-0.0074339
t18	0.020998882	-0.0051031	-0.0271728	0.010687975	-0.0048037	0.00672741
t17	-0.015206847	-0.0141741	-0.0040606	-0.003975443	0.00952509	0.00990822
t16	0.021172789	0.00555964	0.01010948	-0.000191366	0.00430573	0.01521984
t15	-0.027918553	0.00653947	-0.0191914	0.033205806	0.00676417	0.00441805
t14	-0.010212389	-0.0102676	-0.0118954	0.017319067	-0.0023697	-0.0091289
t13	0.004446901	-0.0048708	-0.0136609	-0.038208689	0.00242897	0.00651425
t12	0.019899653	-0.005132	0.00472506	-0.008624936	0.0063955	0.00047565
t11	0.007580937	-0.004458	0.01791469	-0.021718702	0.00421771	0.00708656
t10	0.000997105	0.0022826	-0.0135704	-0.000293162	0.01087606	0.01764943
t9	0.023785117	-0.0025544	0.00657826	9.69407E-05	-0.0144089	0.00207961
t8	-0.000582929	0.00163091	-0.0166275	0.004145283	-0.0020241	-0.0051031
t7	-0.016967392	0.00020692	0.00370806	-0.020669414	0.01630117	-0.0141741
t6	0.017470551	0.00283055	-0.0050273	0.000827604	0.00780691	0.00555964
t5	-0.028690631	-0.001642	0.01346623	-0.009828708	-0.0038661	0.00653947
t4	0.01755541	0.00461726	0.01319337	0.02055583	-0.0074339	-0.0102676
t3	-0.002912376	0.00916728	-0.0022008	-0.010146519	0.00672741	-0.0048708
t2	0.010850899	-0.001527	0.00156238	-0.016103233	0.00990822	-0.005132
t1	0.029497528	0.00198203	0.00540337	-0.001831416	0.01521984	-0.004458
t0	0.02337496	-0.0243997	-0.0100489	-0.014844718	0.00441805	0.0022826
t-1	0.007414548	0.00340504	0.00326213	-0.004715157	-0.0091289	-0.0025544
t-2	-0.005059931	0.00510417	0.00923019	0.001106983	0.00651425	0.00163091
t-3	0.045507462	0.01078717	0.01020018	-0.01244015	0.00047565	0.00020692
t-4	0.007275864	-0.0085581	0.01347851	0.005340745	0.00708656	0.00283055
t-5	-0.023667958	0.00612046	-0.0137289	-0.013712047	0.01764943	-0.001642
t-6	-0.056444679	-0.0076683	-0.0132136	-0.001733375	0.00207961	0.00461726
t-7	0.003351259	0.00989919	0.00533329	0.001115829	-0.0051031	0.00916728
t-8	0.006834849	0.00398105	0.00686411	0.005555558	-0.0141741	-0.001527
t-9	0.011292093	-0.0034497	0.00426737	0.003648155	0.00555964	0.00198203
t-10	0.0475858	-0.0046428	-0.0032067	0.004022826	0.00653947	-0.0243997
t-11	-0.032165167	0.0003523	-0.0034089	-0.003905262	-0.0102676	0.00340504
t-12	0.016978466	0.00027795	0.00729135	0.004002043	-0.0048708	0.00510417
t-13	-0.088803616	-0.0092048	-0.0043212	-0.001608967	-0.005132	0.01078717
t-14	-0.014556132	0.00777097	-0.0003077	0.003576429	-0.004458	-0.0085581
t-15	-0.000783449	0.00280629	-0.0028283	-0.006188632	0.0022826	0.00612046
t-16	-0.020893124	0.00105075	0.00279782	0.004239564	-0.0025544	-0.0076683
t-17	0.016121236	0.00796314	0.02126041	-0.000605102	0.00163091	0.00989919
t-18	-0.006502471	-0.003608	-0.008632	0.002133945	0.00020692	0.00398105
t-19	-0.019548411	-0.0032993	0.00262918	0.00260074	0.00283055	-0.0034497
t-20	-0.005476204	0.00166521	0.00959268	-0.003052408	-0.001642	-0.0046428
t-21	-0.025605352	0.01664021	-0.004513	0.004767878	0.00461726	0.0003523
t-22	-0.001719668	0.00149632	0.00042183	0.002306738	0.00916728	0.00027795
t-23	0.000988841	-0.0009218	-0.0057951	-0.004767858	-0.001527	-0.0092048
t-24	0.028653726	0.00607688	0.00070228	-0.001027441	0.00198203	0.00777097
t-25	0.006155657	-0.0070785	-0.0118148	-0.002953919	-0.0243997	0.00280629
t-26	0.006362018	0.00408154	0.00488473	0.007822353	0.00340504	0.00105075
t-27	0	-0.0071025	0.00398491	-0.019311779	0.00510417	0.00796314
t-28	-0.000688275	0.00107618	-0.0006903	0.011850989	0.01078717	-0.003608
t-29	-0.000687043	0.00300973	0.00261435	0.010802002	-0.0085581	-0.0032993
t-30	-0.00861858	0.00074707	0.01767324	0.003991017	0.00612046	0.00166521

Lampiran: 14

Return Estimasi Perusahaan Dividen Meningkat

Formula: $E(R_{i,t}) = \alpha + \beta_i . R_{m,t} + e_{i,t}$

Kode Saham	AALI	AKRA	ANTM	ASGR	ASII	ASRI	AUTO	BCAP
t30	-0.007028	0.0242637	0.013982	-0.0304995	0.0019969	0.0200988	0.0074194	0.005627
t29	-0.0130347	-0.0108738	0.0010932	-0.040534	0.0024999	0.0225489	-0.0052349	-0.0153241
t28	0.0108067	0.1315617	-0.0080218	-0.0615444	0.0007327	-0.0311845	-0.0091027	0.016285
t27	0.0161618	0.023873	0.0012895	-0.0094061	0.0022773	0.0294233	0.0062492	0.0086982
t26	0.0251042	-0.0632878	0.001663	0.0270113	0.0018221	0.0105853	0.0096974	-0.0010254
t25	0.0069188	-0.1556115	-0.0142777	0.0078832	0.0009608	0.0098257	0.0154556	0.008956
t24	-0.0158882	0.0128184	-0.0050581	0.0610047	0.0012642	0.0060625	0.0037457	-0.0090593
t23	0.0104479	0.0226308	0.0149548	-0.0308111	0.0008131	0.0142674	-0.0109401	0.015556
t22	0.0002815	0.0351857	0.0046679	0.0362276	0.0024258	-0.0187179	0.0060181	0.0185781
t21	0.0114114	0.1374158	0.0288243	-0.0585502	0.0017729	0.0007858	-0.0005281	-0.0170609
t20	0.0291945	-0.0872223	0.0006882	-0.0288395	0.0021119	-0.0079273	0.0066385	0.0111359
t19	0.0029819	0.0512028	0.002482	-0.0447657	0.0018708	-0.0093182	0.0180894	-0.0158229
t18	-0.0091105	-0.2467584	-0.0073613	-0.0042897	0.0003846	0.0325622	0.0012107	0.0115355
t17	-0.0243821	-0.0376222	-0.0268949	0.0205261	0.001575	-0.0083483	-0.0065759	-0.0094588
t16	0.0088407	0.001172	-0.0062441	-0.0307881	0.0012412	0.0066843	-0.0164095	0.0090843
t15	0.0104903	-0.0554718	0.004544	-0.0180107	0.0020924	0.0182025	0.0049832	-0.0110453
t14	-0.0178052	0.0487882	-0.0004283	-0.0211025	0.0012144	0.016295	0.0060455	0.000363
t13	-0.0087195	-0.014937	0.0114648	0.0110964	0.001441	0.0080503	-0.0121745	0.0348955
t12	-0.0091592	-0.0516841	0.0095389	0.0341953	0.0034409	0.0062868	-0.006324	-0.0003333
t11	-0.0080245	-0.0120463	0.0125384	-0.0209441	0.0024895	0.0550491	-0.0066072	0.0084001
t10	0.0033236	-0.068745	-0.0137827	0.0143419	-0.0008356	0.0299033	-0.0058766	-0.0010636
t9	-0.0048197	-0.0014651	0.002739	-0.0262981	0.000936	-0.0041961	0.0014307	0.0077259
t8	0.0022265	0.0061641	0.0084454	0.0093154	0.0001519	-0.0473611	-0.0038129	0.0172987
t7	-0.0001709	0.084089	-0.0266001	-0.0059827	0.0014349	0.0120221	0.0007242	0.0120628
t6	0.0042461	0.0207177	-0.006149	0.0264047	0.0014582	0.0069748	-0.0008195	-0.0108932
t5	-0.0032837	0.0212989	-0.0030072	0.0259269	0.0017007	-0.040595	0.0020247	-0.0040214
t4	0.0072542	0.0033788	0.0088103	-0.0010327	0.0002147	-0.0091937	-0.0028239	0.0242358
t3	0.0149144	0.0014401	0.021039	0.0055577	0.001502	-0.0068885	0.0039616	0.0151427
t2	-0.00309	0.0014435	0.0127892	0.0122844	0.0008639	0.0494799	0.0088942	-0.0259902
t1	0.0028176	-0.0208976	0.025327	-0.014777	0.0026834	0.0330524	-0.0026991	-0.0185946
t0	-0.0415974	0.033345	-0.0187187	0.0085344	0.0008448	0.0604014	0.0011049	-0.0001735
t-1	0.0052133	0.0010829	0.019779	0.0189862	0.0004881	0.0020376	-0.0274947	0.001211
t-2	0.0080739	-0.1214842	0.0084325	0.0206849	0.0013428	-0.0218759	0.0026475	-0.0057612
t-3	0.0176416	0.0516276	-0.0130344	0.0264262	0.0005635	-0.0301121	0.0044895	0.0018679
t-4	-0.0149273	-0.0014188	-0.0054722	-0.0212218	0.0011701	-0.0473571	0.0106503	0.0083373
t-5	0.0097849	0.053694	-0.0167161	-0.0203193	0.0015187	-0.0045627	-0.0103214	0.0091308
t-6	-0.0134293	0.0187831	0.0234799	0.0121616	0.0007075	0.0253282	0.0055912	0.0086088
t-7	0.0161466	0.0075993	0.0072081	0.0148425	0.0017722	0.0096281	-0.0093568	-0.0143963
t-8	0.0061831	0.1002514	0.0156557	0.0102949	0.0006313	0.0532296	0.0096876	0.0051379
t-9	-0.0063271	-0.0808597	0.0096474	-0.0027944	0.0013486	-0.0221317	0.003272	0.0172025
t-10	-0.0083356	-0.0478882	-0.0273964	-0.0031484	0.0015193	0.0328928	-0.0047835	0.0030756
t-11	7.387E-05	-0.1335899	0.0022735	0.0155907	0.0017851	-0.0448995	-0.0060768	-0.006915
t-12	-5.13E-05	-0.0064411	-0.0060442	-0.0047462	0.0016709	-0.0205134	-0.0006619	0.0032908
t-13	-0.0160161	-0.0244926	0.0151716	0.0022826	0.0016933	-0.0335854	-0.0007425	0.0037001
t-14	0.0125636	-0.0070963	-0.0067139	-0.0021316	0.0012186	-0.0003632	-0.0110224	-0.0137719
t-15	0.0042053	0.046093	-0.0010661	0.0077213	0.0016921	0.0200053	0.0073805	-0.0036666
t-16	0.0012498	-0.0068311	0.0487801	0.0400546	0.0013561	-0.0221127	0.0019984	0.0182687
t-17	0.0128871	-0.0157081	0.0250687	-0.0122956	0.0016666	-0.0116252	9.531E-05	0.0069937
t-18	-0.0065935	0.0315511	-0.0578079	0.007426	0.0010818	-0.014163	0.0075888	0.0334705
t-19	-0.0060738	0.0348625	-0.0136534	0.019621	0.0017063	0.0122655	-0.0049551	0.0026317
t-20	0.0022842	-0.0101519	-0.0331962	-0.005082	0.0014162	0.0312247	-0.0046205	0.0045977
t-21	0.0274955	0.0302085	-0.001218	0.0035603	0.0015802	-0.0140329	0.0007614	-0.006191
t-22	0.0019999	0.0155069	-0.0006358	-0.0073273	0.0016082	0.0149294	0.0169953	-0.027601
t-23	-0.0020712	0.0224317	0.0054065	0.0040514	0.0012696	-0.0184274	0.0005783	-0.0049665
t-24	0.0097115	-0.0032962	-0.0316301	-0.0178696	0.0017379	0.0108036	-0.0020431	0.0068578
t-25	-0.0124363	0.0102205	0.0004548	0.0113761	0.0015906	-0.0017528	0.005544	0.001408
t-26	0.0063522	0.0213933	-0.01545	0.0098002	0.0011669	0.0248304	-0.0087174	0.0144435
t-27	-0.0124768	0.015259	0.0298997	0.0016126	0.0013909	0.0244381	0.0033809	0.0123325
t-28	0.0012926	0.0340139	-0.0159244	0.0074	0.0012755	0.0023101	-0.0087434	0.0156202
t-29	0.0045478	-0.0372074	-0.0248149	0.0337724	0.0019208	0.0077194	0.0001229	-0.0132293
t-30	0.0007385	-0.0023227	-0.0035139	0.0265066	0.000296	0.0132405	0.002219	0.0048795

Kode Saham	BWPT	CLPI	CPIN	CTRP	EKAD	FORU	GGRM	GJTL
t30	0.0007141	-0.0161438	0.0128873	0.0030069	-0.0013815	-0.0003767	0.0131981	-0.0125987
t29	0.0052319	-0.0067379	-0.0237975	0.0031271	0.0105998	0.0097492	-0.0010445	0.001632
t28	-0.0021042	-0.0141205	-0.0442659	0.0025221	-0.0013218	-0.0085268	0.0024863	-0.0118014
t27	-0.0061657	0.0201283	-0.0175384	0.0031841	-0.0033214	0.0164448	-0.0013397	0.0150922
t26	-0.0072498	-0.0106626	0.0012262	0.0037454	0.0073241	0.0195106	0.0022138	-0.037954
t25	-0.0044945	-0.0048681	0.0126834	0.0038142	0.0080701	-0.0166442	0.0060839	-0.0675513
t24	0.0007568	0.0133099	0.0141538	0.0037689	-0.0020699	0.0119607	0.0039671	-0.0289034
t23	-0.0037333	-0.002044	-0.0180921	0.0017729	0.0070217	-0.0153883	-0.0053137	-0.0017697
t22	-0.0051884	-0.0034614	0.0182792	0.0034678	0.00371	0.012366	-0.0025355	0.0147974
t21	0.0038437	-0.005384	0.0069743	0.0045146	0.0052699	-0.0089321	0.0088885	0.0169235
t20	0.0028035	0.0166196	0.0065185	0.0032889	-0.0005255	0.0098793	0.0052123	-0.029704
t19	0.001952	0.011032	0.0042602	0.002422	0.0025192	-0.0105415	-0.0114173	0.0228888
t18	-0.0014059	-0.0015394	0.009184	0.0033075	0.005036	0.0010318	-0.0084273	0.006542
t17	0.0004624	-0.0072487	-0.0106108	0.003343	0.0036542	0.0360641	-0.0009799	0.0058829
t16	0.003298	-0.0157733	0.0010936	0.0018271	0.0078789	0.0003255	-0.0004201	0.0026173
t15	-0.0090221	0.0037234	-0.0041352	0.0027039	-0.0081644	0.0091853	-0.0032389	0.0097371
t14	0.0055462	-0.0161023	-0.00497	0.0046071	-0.0003062	-0.0004153	-0.0001546	-0.0188861
t13	-0.0114775	0.0074008	0.0201629	0.0036288	0.0113211	0.0085014	0.0024609	-0.0019616
t12	0.0025444	0.0057466	-0.0043879	0.0059261	0.0059315	0.0182126	0.0027817	-0.0095224
t11	-0.008931	0.0034444	0.0046333	0.0032503	-0.0014749	0.012901	0.0025707	-0.0107294
t10	-0.010065	-0.0238448	0.0115455	0.0034209	-0.0037387	-0.0103872	-0.00673	0.0256126
t9	0.0054516	-0.0105336	0.0104008	0.0024848	0.0052466	-0.003416	0.0011675	-0.0098877
t8	0.0021823	-0.0045307	0.0054531	0.0006272	0.0072648	0.0252502	0.0060451	0.0031569
t7	0.0036092	-0.0101973	0.0043947	0.0025911	0.010635	0.0160255	0.0003337	0.0131519
t6	0.0002444	0.0011471	0.0336574	0.003617	0.0037813	-0.0257027	-0.0037054	0.0114967
t5	-0.0012232	-0.0212291	0.0185672	0.0031442	-0.0048142	-0.0182001	0.0004207	0.0043423
t4	-0.01016	-0.0337139	-0.0018961	0.0042752	0.0051113	0.0004876	0.0005862	0.0028119
t3	0.003728	-0.0174113	-0.0277998	0.004092	0.0012799	0.0018921	-0.0064775	0.0451258
t2	0.0023448	-0.0059657	0.0078366	0.0043773	0.0054745	-0.005181	-0.0023921	0.0233053
t1	-0.0046334	0.0010227	0.0048076	0.0018742	0.0121766	0.0025585	0.0064761	-0.0062847
t0	0.0004506	0.0019196	-0.0237394	0.0034454	0.0022976	0.0091216	0.0019177	-0.0437414
t-1	-0.0064443	-0.017749	-0.0048952	0.0039881	-0.0022598	0.0099265	0.012622	0.0077888
t-2	0.0079052	0.0044359	-0.0035118	0.0006552	-0.0080154	0.009397	0.0001542	0.003409
t-3	0.0018241	-0.0024596	0.0303153	0.0026001	0.0045056	-0.0139411	0.0009491	-0.03787
t-4	-0.009725	-0.0027376	0.020457	0.0028989	0.0051273	0.0058759	-0.0034127	-0.0106213
t-5	-9.881E-05	-0.0041151	0.0368694	0.0040227	-0.0055367	0.0181151	-0.0120685	-0.008621
t-6	-0.0045901	-0.0011118	0.0018448	0.0051857	-0.0021124	0.0037837	-0.0029176	0.040293
t-7	-0.0044275	-0.0131857	-0.0125059	0.0044011	-0.0022782	-0.0063515	0.0018628	0.026038
t-8	0.0071557	-0.0060466	-0.0174485	0.0055935	-0.0018505	0.004002	-0.0003405	0.0497702
t-9	-0.0028585	-0.0092359	-0.0277974	0.0014047	0.0024264	0.0044173	0.0049296	-0.0008753
t-10	-3.841E-05	-0.0097451	-0.0021161	0.0050659	-0.0006427	-0.0133075	0.0040762	-0.0216264
t-11	0.0003174	0.0055849	0.0158217	0.0039868	0.0020129	-0.003056	0.0054053	-0.0287734
t-12	-0.0036968	-0.00939	0.0063999	0.0019453	0.0011094	0.0191968	-0.0062582	-0.0437379
t-13	0.0015121	-0.0038875	0.0325655	0.0026645	0.002774	0.0077585	0.001063	-0.0066028
t-14	-0.0072023	0.0003286	-0.0126594	0.0015952	-6.38E-05	0.0346185	0.0035916	0.0193353
t-15	0.0037805	-0.0003696	0.0203612	0.0054178	0.0039077	0.0033334	-0.0119379	0.0057114
t-16	0.0011044	-0.0033875	-0.0263226	0.0038704	0.0067947	0.0053279	-0.0028755	0.0435468
t-17	0.0028541	-0.004033	-0.0116883	0.0046737	9.205E-06	-0.005617	-0.0014833	-0.0218483
t-18	-0.0004374	0.013816	-0.0195329	0.0041024	0.0022357	-0.0273369	0.0037533	0.0258995
t-19	0.0055628	0.0046116	0.000404	0.0005795	-0.0145035	-0.0043748	0.0091722	-0.0416053
t-20	0.0002649	-0.0078702	0.0126273	0.0034011	0.0031386	0.0076207	0.0055165	-0.0204441
t-21	-0.0010195	-0.0236703	-0.012648	0.0026101	0.0042166	0.002092	0.0110723	-0.0317874
t-22	0.0020175	-0.0019337	-0.0063544	0.0046277	0.0078225	0.0153162	-0.0084454	-0.0029587
t-23	-0.0115294	-0.0037812	-0.0078773	0.0025464	-0.0044521	0.0131746	0.0086138	0.0147162
t-24	0.0089088	-0.0211936	0.0079826	0.0030835	0.0048615	0.0165098	0.0035859	-0.0218319
t-25	0.0040033	-0.0096995	0.0193602	0.0078239	-0.0038875	-0.0127571	-0.0059266	-0.0127313
t-26	-0.002284	-0.0088557	-0.0077993	0.0055689	0.0072591	0.0056137	-0.0025756	-0.0149335
t-27	0.00417	0.0117774	0.0095812	-0.0023126	0.003504	0.0119588	-0.007558	0.008
t-28	-0.0074786	0.0057643	-0.0104364	0.0018865	-0.0012108	-0.0270091	0.0102538	0.024452
t-29	0.0084375	0.0157751	0.0071054	2.794E-05	-0.0019678	-0.004269	0.0030433	-0.0148206
t-30	0.0103916	-0.0055884	-0.0004299	0.0030691	0.0012016	-0.0007756	0.0067867	0.0103116

Kode Saham	INDF	INTP	JKON	JPFA	KLBF	LPGI	MICE	MLPL
t30	-0.0354891	-0.0111126	0.0099569	0.0106581	0.0990785	0.005569	0.0053515	0.0125122
t29	-0.0091997	0.0428943	0.035996	0.0034432	-0.0840778	0.0027055	0.006686	0.008939
t28	-0.0468045	-0.0108433	0.005667	0.063215	-0.050734	0.006012	0.005259	0.0192807
t27	-0.0021819	-0.0198568	0.0076006	-0.0536235	-0.1374035	0.0047356	0.0042995	-0.0001584
t26	0.0028781	0.0281289	-0.0030098	-0.0323529	-0.0088188	0.006133	0.0063162	0.0163323
t25	0.054561	0.0314912	-0.0240658	-0.0876409	-0.0270742	0.0083657	0.003613	-0.0001939
t24	0.0125306	-0.0142152	-0.0018056	-0.0056145	-0.0094814	0.0050747	0.0063212	0.0118914
t23	0.0129162	0.0267656	0.0098233	-0.01726	0.0443086	0.0035565	0.0051226	0.0147485
t22	0.0010308	0.011838	0.0044636	-0.0060372	-0.0092132	0.0016391	0.0059286	0.0114051
t21	-0.000255	0.0188693	0.0172836	0.0282763	-0.0181905	0.0058103	0.0070205	0.0270832
t20	-0.0002527	-0.0072541	0.0152075	-0.0058661	0.0296024	0.0060174	0.006662	0.0046658
t19	-0.0150702	0.0064704	0.0184408	-0.0115929	0.0329512	0.0024648	0.0057273	0.0073359
t18	0.0209056	0.0178149	-0.0099317	0.018895	-0.0125716	0.0036056	0.0049968	0.0218748
t17	-0.0004919	0.0115863	0.0078777	0.0210313	0.0282447	0.0035504	0.0079581	0.0255997
t16	-0.0817832	0.0306295	0.0140288	-0.0080085	0.013377	0.0036928	0.0057192	0.0306517
t15	0.0330313	-0.0416866	-0.0237481	0.0180289	0.02038	0.0051176	0.0039071	0.0056486
t14	-0.0021512	-0.0062656	-0.001703	0.0085446	-0.0056384	0.0040952	0.0019876	0.0085585
t13	0.0344018	0.0461455	0.0016836	0.0130119	0.008031	0.0049798	0.0054894	0.0084486
t12	0.0112475	0.0218515	0.0144221	-0.0035857	0.0193299	0.0046788	0.0056934	0.0333247
t11	0.00383	-0.0115336	0.027604	0.0051342	0.0131263	0.0052334	0.0059544	0.0264777
t10	0.0652805	-0.0217378	0.0187112	0.012342	0.032093	0.004288	0.0080798	0.0098288
t9	-0.0548395	0.0187641	0.0322262	0.0083846	-0.0399326	0.0056111	0.0034095	0.020779
t8	-0.0329715	0.0278614	-0.0152524	0.0204838	-0.0046539	0.0065728	0.0062874	0.0144829
t7	-0.0898122	0.0430528	0.0262458	-0.0254625	0.0475467	0.0043123	9.267E-05	-0.0094764
t6	-0.0054821	0.0121593	0.0140149	-0.0029577	0.0233503	0.0050541	0.0044407	0.0132335
t5	-0.0174546	-0.0265855	-0.0091251	0.030342	-0.0099007	-0.0005223	0.0052472	-0.0084729
t4	-0.0059167	0.0181545	-0.0009734	0.0149067	-0.020064	0.0053548	0.0040696	0.0218192
t3	0.0293606	0.0008839	-0.0130937	-0.0063047	0.0202753	0.005714	0.0062372	-0.008406
t2	-0.0057408	0.0197913	0.0302351	-0.012788	0.029336	0.0069152	0.0049123	0.0057734
t1	-0.0116284	0.0500016	0.0126951	0.0129451	0.0444665	0.0028262	0.0041483	0.0178791
t0	0.0197158	0.0054712	0.0218011	0.0187251	0.013697	0.0059288	0.0049724	0.0180165
t-1	0.021912	-0.0150715	0.0153245	0.0283771	-0.0248922	0.0030142	0.0037936	0.018148
t-2	-0.0079433	-0.041015	-0.0246065	0.0087487	0.0196681	0.0067275	0.0051924	0.0307517
t-3	0.0188253	0.0154243	0.0073759	-0.015868	0.0024669	0.0054766	0.005351	0.013837
t-4	0.0090746	0.0182266	-0.00159	0.0125578	0.0212984	0.0039059	0.0069711	-0.0008129
t-5	0.0136675	-0.0298422	0.0212793	0.0015848	0.0513873	0.0036538	0.0056536	0.0282991
t-6	-0.0033963	-0.0144071	-0.002312	0.0135977	0.0070358	0.0047096	0.0056657	0.021809
t-7	0.0055685	-0.0151542	0.003776	0.032792	-0.0134244	0.0046939	0.0052931	0.0121908
t-8	0.0129787	-0.0132266	0.0575071	0.0044994	-0.0392637	0.0026895	0.0052528	-0.0045815
t-9	0.0089102	0.0060518	0.0319477	-0.0085525	0.0169489	0.0062777	0.0052529	0.0201589
t-10	0.0213492	-0.0077822	-0.0573882	-0.0250358	0.01974	0.0052283	0.0047884	-0.0093618
t-11	-0.0258876	0.0041879	-0.0097923	0.0108231	-0.0281358	0.0048572	0.0059161	0.0086748
t-12	-0.0027507	0.0001153	-0.0308582	0.0126036	-0.0127627	0.0063183	0.0052454	0.0391786
t-13	0.0314843	0.007619	0.0036123	-0.0179371	-0.0135068	0.0038725	0.0026972	0.0179105
t-14	0.0156155	-0.0051728	0.0042399	-0.0081304	-0.0115869	0.0039377	0.0062962	0.0103089
t-15	-0.0061917	0.012729	0.0107531	-0.0086051	0.007614	0.0049871	0.0051934	0.0211931
t-16	-0.0128571	0.0257423	-0.0291701	-0.0073803	-0.0061644	0.0081524	0.0063392	0.0182386
t-17	0.0135988	-0.0048437	0.0054154	0.0048683	0.0057577	0.0049514	0.0056134	-0.0086488
t-18	0.0195411	0.0051922	-0.011729	-0.0039212	0.0017014	0.0044403	0.0053809	-0.0078333
t-19	0.0294641	-0.0702606	0.0371552	0.0036841	0.0091749	0.0059196	0.0073071	-0.0014659
t-20	0.0092845	0.009262	-0.0122403	0.0010965	-0.0035655	0.0031389	0.0035418	0.0067248
t-21	-0.0160236	0.0141216	-0.0218238	0.005864	0.0142645	0.0054978	0.0042273	0.0168145
t-22	0.0132006	0.0303752	0.0011374	-0.0022633	0.0272254	0.0031338	0.0024455	0.0267517
t-23	0.0019194	-0.0249531	-0.019799	0.0091107	-0.0032377	0.0048626	0.005089	0.0247493
t-24	0.0142697	0.0170282	-0.0035021	0.0173787	0.0067579	0.0052713	0.0047137	-0.0229341
t-25	0.034003	-0.0224083	0.0058649	-0.0020543	-0.0683919	0.004793	0.0050753	-0.0010562
t-26	0.0049159	0.0278356	-0.0159304	0.0043221	0.0108114	0.0070357	0.0061812	0.0157477
t-27	-0.0085027	0.0109094	0.0126764	-0.0436172	0.0156514	0.003829	0.0050809	0.0394811
t-28	-0.0254489	-0.0103429	-0.0179767	0.0069079	0.0318398	0.0042109	0.0048963	0.0490944
t-29	0.0114172	-0.013755	0.0012952	0.0099955	-0.0232664	0.0062907	0.0058788	-0.0043382
t-30	0.0132477	0.0005311	0.0058791	0.0203223	0.0185464	0.0068235	0.0059477	-0.0216015

Kode Saham	MPPA	PGAS	PTPP	RALS	SCMA	SGRO	SMAR	SMGR
t30	0.0077566	-0.0099197	-0.0033002	-0.0063257	0.0509062	0.0103676	0.0024576	0.0022081
t29	0.0042174	-0.0015201	-0.0568746	0.0179753	-0.0384662	0.0035812	-0.0076656	0.0023722
t28	0.0144607	-0.008914	0.018793	-0.0062045	-0.0221959	0.0598031	0.0066323	0.0022278
t27	-0.0047935	0.006883	-0.0043937	-0.0102602	-0.0644868	-0.0500963	0.002251	0.0025364
t26	0.0115403	0.0158596	0.0196963	0.0113314	-0.0017431	-0.030089	0.006803	0.0027118
t25	-0.0048287	-0.0126242	0.0044366	0.0128443	-0.0106509	-0.0820934	0.0039196	0.0021553
t24	0.0071417	0.0008239	-0.0004519	-0.0077217	-0.0020664	-0.0049386	0.0029959	0.002418
t23	0.0099716	0.0011721	0.0400466	0.010718	0.0241808	-0.0158924	0.0106483	0.0024248
t22	0.00666	-0.0019796	-0.0391175	0.0040012	-0.0019355	-0.0053362	-0.0043103	0.0023633
t21	0.022189	0.0079874	-0.0247056	0.007165	-0.006316	0.0269395	-0.0015871	0.002558
t20	-1.522E-05	0.0050135	-0.062166	-0.0045895	0.0170048	-0.0051752	-0.0086655	0.0024999
t19	0.0026295	-0.0223118	-0.006589	0.001586	0.0186389	-0.0105619	0.0018362	0.001966
t18	0.0170301	0.0058131	-0.0144793	0.0066905	-0.0035742	0.0181153	0.0003453	0.0025155
t17	0.0207196	-0.0018501	-0.0068753	0.0038879	0.0163423	0.0201247	0.0017821	0.0023658
t16	0.0257236	0.00121	0.0163738	0.0124566	0.0090876	-0.0071904	0.0061752	0.0024256
t15	0.0009583	0.0154236	-0.0067594	-0.0200827	0.0125047	0.0173006	0.001804	0.0027033
t14	0.0038404	0.0040404	-0.0106396	-0.0041447	-0.0001912	0.0083796	0.0010708	0.0024809
t13	0.0037316	-0.028926	0.0100175	0.0194382	0.0064789	0.0125816	0.0049741	0.0018368
t12	0.0283711	-0.0036524	0.011465	0.0085069	0.0119923	-0.0030303	0.0052476	0.0023306
t11	0.0215892	0.0103109	-0.008211	-0.0065151	0.0089652	0.0051718	0.0015297	0.0026034
t10	0.0050987	0.0180657	0.0094307	-0.0111066	0.0182201	0.0119515	0.0048632	0.0027549
t9	0.0159447	0.0025329	0.0030046	0.0071177	-0.0169253	0.0082292	0.003649	0.0024514
t8	0.0097085	0.0041708	0.0060314	0.0112111	0.0002892	0.0196097	0.0042209	0.0024834
t7	-0.0140229	0.009894	-0.0052143	0.0180466	0.0257609	-0.0236078	0.002096	0.0025953
t6	0.008471	0.0001202	0.0006939	0.0041458	0.0139541	-0.0024395	0.0032124	0.0024043
t5	-0.013029	0.0074785	0.0055775	-0.0132879	-0.002271	0.0288825	0.0041352	0.0025481
t4	0.0169751	-0.0016312	0.0028962	0.0068434	-0.0072302	0.0143639	0.0036285	0.0023701
t3	-0.0129627	0.0013765	0.011094	-0.0009277	0.0124536	-0.0055878	0.0051775	0.0024288
t2	0.0010818	6.608E-05	-0.020037	0.0075799	0.0168749	-0.0116861	-0.0007049	0.0024032
t1	0.0130724	0.0056696	-0.0047888	0.0211733	0.0242579	0.0125188	0.0021764	0.0025127
t0	0.0132085	0.0006571	0.0177734	0.0011364	0.0092437	0.0179555	0.0064397	0.0024148
t-1	0.0133388	-0.0194927	0.0073152	-0.008107	-0.0095862	0.0270342	0.0044635	0.0020211
t-2	0.0258226	0.0020793	-0.0070566	-0.0197806	0.0121573	0.0085716	0.0017478	0.0024426
t-3	0.0090688	-0.0001026	-0.0114494	0.0056149	0.0037639	-0.0145831	0.0009178	0.0023999
t-4	-0.0054418	-0.0008565	0.0059862	0.0068758	0.0129528	0.0121545	0.0042124	0.0023852
t-5	0.0233933	0.0019157	0.0099024	-0.0147532	0.0276349	0.0018332	0.0049524	0.0024394
t-6	0.0169649	-0.0007825	0.0164421	-0.0078081	0.0059933	0.0131327	0.0061881	0.0023867
t-7	0.0074382	0.0065193	0.0031429	-0.0081442	-0.0039904	0.0311869	0.0036751	0.0025293
t-8	-0.0091746	0.00113	-0.0135362	-0.0072769	-0.0165989	0.0045747	0.0005235	0.002424
t-9	0.0153305	0.0017749	0.0057237	0.0013976	0.0108305	-0.0077021	0.0041628	0.0024366
t-10	-0.0139094	0.0128196	-0.001711	-0.0048271	0.0121924	-0.0232065	0.0027579	0.0026524
t-11	0.0039556	0.0136107	0.0064284	0.000559	-0.0111689	0.0105228	0.0042959	0.0026679
t-12	0.0341693	-0.0386868	0.0194334	-0.0012736	-0.0036675	0.0121976	0.0067533	0.0016461
t-13	0.0131035	0.0004202	0.0002638	0.0021028	-0.0040306	-0.0165294	0.0031311	0.0024102
t-14	0.0055742	0.0005118	-0.0085796	-0.003653	-0.0030938	-0.0073051	0.0014601	0.0024119
t-15	0.0163549	0.0164773	-0.0197479	0.0044021	0.0062755	-0.0077515	-0.0006503	0.0027239
t-16	0.0134285	-0.0080158	0.0045484	0.0102576	-0.0004478	-0.0065995	0.0039407	0.0022453
t-17	-0.0132031	0.0057801	0.0057548	-0.0035049	0.0053696	0.0049216	0.0041686	0.0025149
t-18	-0.0123955	-0.0005257	-0.0149382	0.0010108	0.0033903	-0.0033458	0.0002586	0.0023917
t-19	-0.0060886	0.0278146	-0.0082936	-0.0329399	0.0070371	0.0038077	0.0015141	0.0029454
t-20	0.0020242	0.0122568	-0.0086152	0.0028421	0.0008203	0.0013738	0.0014533	0.0026414
t-21	0.0120179	-0.0009351	-0.0077854	0.0050287	0.0095206	0.0058582	0.0016101	0.0023837
t-22	0.0218606	0.0070312	0.0005137	0.0123422	0.015845	-0.0017864	0.0031783	0.0025393
t-23	0.0198773	-0.0041184	-0.0054416	-0.0125534	0.0009803	0.0089121	0.002053	0.0023215
t-24	-0.0273525	0.0057347	-0.0002887	0.0063366	0.0058577	0.0166891	0.0030267	0.002514
t-25	-0.0056828	0.0007468	-0.0020419	-0.0114083	-0.0308121	-0.0015898	0.0026954	0.0024165
t-26	0.0109613	-0.0309868	0.0011883	0.0111995	0.0078356	0.0044079	0.0033058	0.0017965
t-27	0.0344689	0.0044965	-0.0043183	0.0035834	0.0101974	-0.0406843	0.0022653	0.0024898
t-28	0.0439907	-0.0174736	0.0033881	-0.0059793	0.0180966	0.0068401	0.0037215	0.0020605
t-29	-0.0089336	-0.000202	0.0089901	-0.0075146	-0.0087928	0.0097443	0.00478	0.002398
t-30	-0.0260327	0.0403059	-0.0041767	-0.0010865	0.01161	0.0194578	0.002292	0.0031894

Kode Saham	SMRA	SMSM	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
t30	0.0034574	0.0147294	0.020107	-0.0009436	-0.0033088	0.0125099	0.0385718	0.0094572
t29	0.0878257	0.0019088	-0.0259946	-0.0024037	-0.0269781	0.0074874	-0.034954	-0.0037357
t28	-0.0770928	0.0077757	-0.0129205	0.0033915	-0.0351302	-0.0020148	-0.0215686	0.0031955
t27	-0.0470692	-0.0047557	-0.007353	0.0046931	-0.0521992	0.0013326	-0.056361	0.0089247
t26	-0.1251085	-0.0113035	0.0002685	0.0068667	-0.0098417	-0.0036445	-0.0047422	0.0057791
t25	-0.0093277	-0.0145486	-0.0064095	0.0024464	0.019744	0.0141481	-0.0120706	0.0153963
t24	-0.0257653	0.0143502	0.0190456	-0.0030973	0.0042042	0.0069454	-0.0050082	-0.021125
t23	-0.0099243	0.0164843	-0.001555	0.0033042	0.0473605	0.0106848	0.0165851	-0.0032365
t22	0.0385095	0.0042054	-0.0248909	0.0008331	-0.0272313	0.0080252	-0.0049006	0.0232323
t21	-0.0096828	0.0049585	0.0180691	0.0035384	0.0272314	-0.0083721	-0.0085044	0.0109633
t20	-0.0177662	0.0003207	0.009731	0.007861	-0.0497666	0.0047612	0.0106815	-0.005897
t19	0.0252677	-0.0069676	-0.0016914	0.0014895	-0.0256295	0.0010794	0.0120258	-0.0110504
t18	0.0282831	0.0103824	0.0278221	-0.0014498	-0.0385681	0.0104705	-0.0062487	0.0094041
t17	-0.0127068	0.0051361	-0.0198327	-0.0051619	-0.0056851	0.0007829	0.0101364	0.0139984
t16	0.0240452	0.0156139	0.028051	0.0029136	0.0144754	0.0032829	0.004168	0.0216704
t15	0.010658	-0.0101104	-0.0365641	0.0033145	-0.0272125	0.0253471	0.0069793	0.0060685
t14	0.0169637	-0.0072405	-0.0132589	-0.0035633	-0.0168321	0.0148514	-0.0034655	-0.0134986
t13	-0.006464	-0.0123691	0.006036	-0.0013548	-0.0193439	-0.0218336	0.0020219	0.0090962
t12	0.0058443	0.000825	0.0263753	-0.0014617	0.0068147	-0.0022888	0.0065577	0.0003741
t11	0.0160181	0.0165131	0.0101611	-0.0011859	0.0255803	-0.0109393	0.0040674	0.0099228
t10	0.0104322	0.0098945	0.0014953	0.0015725	-0.0192152	0.0032157	0.0116813	0.0251797
t9	0.0275103	-0.0069224	0.0314894	-0.0004069	0.0094514	0.0034734	-0.0172325	0.0026908
t8	-0.0373433	-0.0040762	-0.0005844	0.0013059	-0.0235648	0.006148	-0.0030703	-0.0076837
t7	-0.0055775	-0.0094615	-0.02215	0.0007231	0.0053678	-0.0102461	0.017885	-0.0207858
t6	0.0414252	-0.0060327	0.023178	0.0017968	-0.0070605	0.0039561	0.0081717	0.0077174
t5	0.0196382	0.0173687	-0.0375804	-3.351E-05	0.0192513	-0.0030841	-0.0051766	0.0091326
t4	-0.0103019	0.0071483	0.0232897	0.0025279	0.0188631	0.0169898	-0.0092565	-0.0151433
t3	-0.0194532	-0.0024303	-0.0036504	0.0043899	-0.0030391	-0.0032941	0.0069372	-0.0073482
t2	0.0168694	0.0056424	0.0144651	1.358E-05	0.002315	-0.0072294	0.0105746	-0.0077255
t1	0.0250279	-0.0215225	0.0390082	0.0014495	0.0077798	0.0021994	0.0166485	-0.006752
t0	0.0386517	0.0057126	0.0309495	-0.0093464	-0.014205	-0.006398	0.0042965	0.002984
t-1	0.0109461	-0.0001742	0.0099421	0.0020319	0.0047333	0.0002942	-0.0111947	-0.0040024
t-2	-0.0238006	-0.0039698	-0.0064771	0.0027272	0.0132244	0.0041407	0.0066935	0.0020428
t-3	0.0163226	-0.0092021	0.0600808	0.0050528	0.0146045	-0.0048094	-0.0002117	-1.404E-05
t-4	0.0008342	0.0028527	0.0097595	-0.0028637	0.0192687	0.0069378	0.0073479	0.0037755
t-5	0.0177906	0.0153544	-0.0309694	0.0031431	-0.0194408	-0.0056497	0.0194268	-0.0026846
t-6	0.0448834	-0.0056523	-0.0741108	-0.0024996	-0.0187076	0.0022642	0.0016224	0.0063562
t-7	0.0049482	0.0171894	0.0045939	0.0046894	0.0076801	0.0041465	-0.0065911	0.0129282
t-8	-0.0134747	-0.0164668	0.0091791	0.0022676	0.0098581	0.0070797	-0.016964	-0.0025184
t-9	-0.0367411	-0.0121842	0.0150458	-0.0007733	0.0061635	0.0058196	0.0056019	0.0025499
t-10	0.0138741	-0.0061673	0.0628164	-0.0012615	-0.0044703	0.0060671	0.0067223	-0.0355555
t-11	0.0163873	-0.0003637	-0.0421536	0.0007826	-0.0047579	0.0008293	-0.0124968	0.0046053
t-12	-0.0267212	0.0100396	0.0225303	0.0007522	0.0104659	0.0060534	-0.0063255	0.0070595
t-13	-0.0128789	0.0078252	-0.1167024	-0.0031284	-0.0060559	0.0023464	-0.0066242	0.015268
t-14	-0.0135489	-0.0003692	-0.0189762	0.0038185	-0.0003457	0.0057722	-0.0058534	-0.0126742
t-15	-0.0118202	-0.0157827	-0.0008483	0.0017868	-0.0039319	-0.0006792	0.0018545	0.0085274
t-16	0.0054688	-0.0124793	-0.0273171	0.0010684	0.0040727	0.0062103	-0.0036766	-0.011389
t-17	-0.0069376	0.0044483	0.021402	0.0038971	0.0303405	0.0030096	0.0011093	0.0139854
t-18	0.0037973	-0.0043745	-0.0083758	-0.000838	-0.0121892	0.0048192	-0.000519	0.0054373
t-19	0.0001449	0.003903	-0.0255472	-0.0007117	0.0038328	0.0051276	0.0024811	-0.0052957
t-20	0.0068743	-0.0013307	-0.007025	0.0013199	0.0137402	0.0013928	-0.0026334	-0.0070189
t-21	-0.0045975	0.0125385	-0.0335194	0.007448	-0.0063288	0.0065593	0.0045243	0.0001959
t-22	0.011457	0.0093414	-0.0020806	0.0012508	0.0006923	0.0049333	0.0097273	8.855E-05
t-23	0.0231274	-0.0127321	0.0014844	0.0002612	-0.0081528	0.0002594	-0.0025018	-0.0136083
t-24	-0.0043024	0.0088059	0.0378976	0.0031252	0.0010913	0.0027306	0.0015108	0.0109114
t-25	0.0046979	0.0079591	0.0082851	-0.0022582	-0.0167175	0.0014578	-0.0286571	0.0037405
t-26	-0.0629688	0.0077766	0.0085567	0.0023087	0.0070419	0.0085773	0.0031381	0.0012048
t-27	0.0083478	-0.004444	0.0001829	-0.0022681	0.0057617	-0.0093492	0.005081	0.011189
t-28	0.0127059	0.0092675	-0.000723	0.0010788	-0.00089	0.0112388	0.0115797	-0.0055242
t-29	0.0272823	0.0084084	-0.0007214	0.0018701	0.0038117	0.0105458	-0.010542	-0.0050784
t-30	-0.0223366	0.0074603	-0.0111611	0.0009442	0.0252368	0.0060461	0.0062432	0.0020923

Lampiran: 15

Abnormal Return Perusahaan Dividen Meningkat

Formula: $AR_{i,t} = R_{i,t} - E(R_{i,t})$

Kode Saham	AALI	AKRA	ANTM	ASGR	ASII	ASRI	AUTO	BCAP
t30	0.002699	-0.00466	-0.02198	0.030499	0.005302	-0.0201	-0.00136	0.042373
t29	0.006583	0.030874	-0.00903	0.000799	0.027575	-0.02255	-0.00079	-0.04483
t28	-0.01081	-0.12146	0.008022	0.048473	-0.02279	0.031184	-0.0028	-0.07302
t27	-0.0268	0.040643	0.023101	0.009406	0.00513	-0.00085	-0.00026	0.028066
t26	-0.00114	0.085266	0.006534	-0.03991	0.005641	-0.01059	-0.02734	0.226251
t25	-0.00692	0.155612	-0.00972	0.046539	-0.02286	-0.02391	0.302375	0.058352
t24	0.013714	-0.0649	-0.01838	-0.07443	0.028811	-0.00606	-0.01144	0.247155
t23	-0.01693	-0.02263	-0.03034	0.017566	-0.02287	1.84E-05	-0.00421	-0.06101
t22	-0.00028	-0.03519	0.010957	-0.08654	0.004982	-0.03534	-0.80722	-0.01858
t21	-0.01785	-0.12689	-0.02095	0.040032	-0.00177	-0.01412	0.01893	0.017061
t20	-0.01615	0.108728	-0.00069	-0.07613	0.020615	-0.03053	0.018519	-0.0441
t19	0.003583	-0.10222	-0.00248	0.044766	-0.00939	0.049318	0.001142	-0.06499
t18	0.015718	0.267592	-0.01572	-0.06751	-0.02958	-0.03256	-0.00121	0.139627
t17	0.009198	-0.04809	-0.01014	-0.02053	0.0285	-0.00481	-0.00295	0.021224
t16	-0.00884	-0.00117	-0.00835	0.010688	0.006335	-0.00668	-0.00533	0.027501
t15	0.004928	0.065087	0.002809	0.065379	-0.00961	-0.00487	-0.00187	0.011045
t14	0.013419	-0.05831	0.000428	0.010686	-0.02327	0.011102	0.006573	-0.00036
t13	2.38E-05	0.054541	0.011092	0.032382	-0.02302	-0.00805	0.015339	-0.02255
t12	-0.00793	0.051684	-0.017	0.017233	0.049589	0.021882	-0.00618	-0.02376
t11	0.003769	-0.0168	-0.00502	0.026691	-0.89672	-0.04076	0.006607	-0.0084
t10	-0.00756	0.059221	-0.00103	0.009187	-0.01416	0.014873	-0.00033	-0.05575
t9	-0.00566	-0.03523	-0.01734	0.01467	-0.01571	0.004196	-0.00143	-0.04069
t8	0.00623	0.003095	0.013943	-0.00347	-0.02591	-0.04723	-0.00542	0.196035
t7	0.00229	-0.10227	-0.00937	-0.01687	0.010835	0.060442	-0.00072	-0.07456
t6	0.017399	-0.02072	-0.00099	-0.02066	-0.01358	-0.03514	0.010136	0.010893
t5	-0.00103	-0.03031	-0.01108	0.009787	0.000577	0.013198	0.010554	0.004021
t4	-0.00075	0.043791	0.027686	0.013081	-0.02826	-0.01747	-0.00031	-0.02424
t3	-0.00173	-0.00144	-0.01369	-0.05699	-0.0015	0.006888	-0.00709	-0.01514
t2	-0.02261	0.00808	0.002136	-0.02914	-0.01684	-0.12355	0.00057	-0.03283
t1	0.005822	0.011464	-0.01018	0.00919	0.027234	-0.02055	-0.01283	0.018595
t0	0.006181	-0.11955	-0.04511	-0.03571	-0.02351	-0.02144	-0.02829	-0.02281
t-1	0.001076	-0.00963	0.00196	-0.01899	-0.00049	0.01112	0.00969	-0.00121
t-2	0.002519	0.104677	0.029162	-0.01522	-0.00134	-0.02812	0.012413	0.017389
t-3	-0.01764	-0.03453	0.005572	-0.00976	0.006059	0.030112	-0.00147	-0.00187
t-4	0.012813	0.001419	-0.00194	0.026808	-0.01065	-0.02241	-0.01065	-0.00834
t-5	-0.0034	-0.00905	-0.01206	0.00927	-0.00515	-0.00693	0.010321	-0.00913
t-6	-0.00944	-0.01878	0.021633	-0.01766	-0.00216	-0.03669	0.000488	-0.00861
t-7	-0.00564	-0.01645	0.031854	-0.02571	-0.01182	0.037991	0.012403	0.014396
t-8	-0.00408	-0.05396	-0.06751	-0.0157	-0.01826	-0.02884	-0.01575	-0.00514
t-9	0.021284	0.090205	0.13442	0.008229	-0.00974	-0.01316	-0.0093	-0.0172
t-10	-0.00224	0.011852	0.002603	0.008613	-0.01803	0.029607	0.010844	0.008689
t-11	-0.00638	0.074268	-0.01047	-0.05243	-0.022	-0.05622	5.26E-05	0.006915
t-12	-0.00621	-0.00196	-0.00209	-0.01587	0.005797	0.009402	0.01595	-0.01492
t-13	0.013933	0.016159	0.018442	-0.00228	0.024788	-0.00897	-0.00231	0.020109
t-14	0.024153	-0.00117	-0.00982	-0.003	0.009345	0.000363	0.004965	-0.04241
t-15	-0.00421	-0.05429	0.001066	0.029513	0.002551	-0.05093	-0.01936	0.01503
t-16	0.005272	-0.0013	0.003394	-0.01832	-0.00206	-0.02691	-0.00795	-0.04049
t-17	-0.01071	0.040708	-0.0163	0.023285	-0.00378	-0.02611	0.00289	-0.00699
t-18	0.01097	0.011927	0.032167	-0.0019	-0.00808	0.023687	-0.01352	-0.04446
t-19	0.001717	-0.04348	0.031045	-0.01407	-0.01279	-0.03096	0.001996	-0.05471
t-20	-0.00228	0.125537	-0.08219	-0.00044	-0.01642	-0.04048	0.007588	-0.01491
t-21	-0.00976	0.009791	-0.02134	0.001995	0.00598	0.042604	0.029817	0.006191
t-22	-0.01513	-0.05397	-0.02856	-0.00907	-0.0165	-0.01493	0.017816	0.017397
t-23	0.004264	0.038793	-0.01979	0.012615	-0.00397	0.018427	-0.00373	0.015276
t-24	0.001375	0.013605	0.03163	0.012345	0.00506	-0.06486	-0.01349	-0.00686
t-25	0.003645	0.010832	-0.02158	-0.01138	-0.01168	0.029531	-0.02083	-0.00141
t-26	0.004759	-0.02139	-0.02509	-0.03668	0.005608	-0.01548	0.021102	-0.01444
t-27	-0.00068	-0.02568	-0.0162	-0.00161	0.00543	-0.0337	0.045322	-0.01233
t-28	0.012041	0.009464	0.002411	-0.01275	-0.01207	-0.00231	0.012001	-0.02582
t-29	-0.01771	0.070915	0.024815	-0.0284	-0.0172	-0.00772	-0.00012	0.013229
t-30	0.005884	0.002323	0.003514	-0.02651	0.006393	-0.02241	0.001049	-0.00488

Kode Saham	BWPT	CLPI	CPIN	CTRP	EKAD	FORU	GGRM	GJTL
t30	-0.0007141	0.0161438	0.0106421	-0.0030069	-0.0088225	0.0203767	-0.008173	-0.0884114
t29	-0.0124233	0.0067379	0.0731802	-0.0031271	-0.0305998	-0.0357233	0.0081295	-0.0587749
t28	0.0021042	0.0141205	0.0201695	-0.0025221	0.0322496	0.0085268	-0.0075216	0.0118014
t27	0.0207585	-0.0039993	0.0175384	-0.0031841	-0.0639863	0.0034228	-0.0066523	-0.0337838
t26	6.252E-06	-0.0205874	-0.0012262	-0.0206945	-0.0073241	-0.012844	-0.0081721	0.0570016
t25	-0.0026969	0.0371261	-0.0126834	0.0312735	-0.0626155	-0.0029636	-0.0010939	0.0675513
t24	-0.0007568	-0.0291829	-0.0141538	-0.0210103	0.0020699	-0.0374384	0.0091775	0.0289034
t23	0.056761	0.0348309	0.0180921	-0.0351062	-0.0248789	-0.0033617	-0.0154784	0.0017697
t22	0.012819	0.0034614	-0.0182792	-0.0198612	-0.00371	-0.012366	-0.0120986	-0.0147974
t21	0.0116634	0.0220506	-0.041858	0.0121521	-0.0561174	0.0280404	-0.0214126	-0.0169235
t20	-0.0255309	-0.0166196	-0.0180127	-0.0032889	-0.0161411	0.0096012	-0.0090511	0.029704
t19	-0.0454306	-0.011032	-0.0042602	-0.002422	0.0144299	0.030409	0.0095015	-0.0506666
t18	0.0014059	0.0015394	0.0083599	0.0136416	0.0300517	-0.0205124	0.0200552	0.0220294
t17	-0.0004624	0.0241979	-0.0232875	0.0138983	-0.0036542	-0.0295282	0.0009799	-0.0766793
t16	-0.0104894	-0.0170135	-0.0285661	-0.0018271	0.0476767	0.0062534	0.0004201	-0.1057919
t15	0.0090221	0.0301749	-0.0013292	-0.082069	0.0081644	-0.0025627	0.0032389	-0.0405064
t14	0.0090466	-0.0166846	0.0216366	-0.0202321	-0.0178756	-0.0126566	0.0001546	0.0188861
t13	0.004234	0.0092658	-0.0471899	-0.0339318	0.0264147	0.0114986	-0.0005192	0.0097135
t12	-0.0097359	-0.0533657	-0.0320705	-0.0208515	-0.0059315	-0.0046991	0.0001394	-0.034922
t11	0.008931	0.0465556	0.0166433	-0.0179562	0.0014749	-0.0327685	-0.0045143	-0.0385664
t10	0.0630928	-0.0237743	-0.0115455	-0.0034209	-0.0498327	0.0103872	0.0116128	-0.0040299
t9	0.002179	0.0266626	-0.0104008	-0.0024848	-0.1437081	-0.0223905	-0.0021431	0.0319465
t8	0.0133248	-0.0113423	0.0052996	-0.0151199	-0.0371156	-0.0252502	0.0058009	-0.0104562
t7	-0.0263367	-0.0205719	0.0064748	-0.0307601	0.0045165	-0.0160255	-0.0003337	-0.0345804
t6	-0.0002444	0.0305989	0.0117971	-0.003617	0.0438377	0.0321962	-0.010886	0.0572056
t5	-0.0209992	-0.0523004	-0.0012261	0.0111415	-0.025955	0.0247361	0.0074224	0.0436577
t4	0.0028099	-0.0473672	0.013592	0.0102176	0.2448887	-0.0004876	0.0023637	0.0217782
t3	-0.0253109	0.0311099	-0.0168929	0.0257587	0.2368154	-0.0018921	-0.0193845	-0.0284591
t2	0.0048988	-0.020701	0.0208991	-0.0043773	-0.0172392	0.005181	-0.0712548	-0.0315697
t1	-0.0235331	0.0124908	-0.0161713	0.0132774	-0.0462675	-0.0025585	-0.0415789	-0.0099755
t0	-0.0004506	-0.0282353	-0.0400904	-0.0034454	-0.0856309	-0.0528716	0.0023815	0.0277414
t-1	-0.0074475	0.017749	-0.0456098	-0.0189134	-0.1556349	0.0223315	0.0138564	-0.0077888
t-2	-0.0079052	-0.0044359	-0.0353231	-0.0296407	0.0080154	-0.0158072	-0.0217432	-0.003409
t-3	-0.0018241	0.0024596	0.026095	0.0121058	0.2346248	0.0139411	0.0060074	0.03787
t-4	0.0028311	0.0027376	0.016777	0.0120265	0.2381159	-0.0058759	-0.0017776	-0.0128162
t-5	0.0070405	0.0041151	0.0313125	0.0111288	-0.0334244	-0.0244845	0.0026426	0.008621
t-6	0.0045901	0.0011118	-0.0348118	-0.0051857	0.0152703	-0.0037837	0.0029176	-0.040293
t-7	-0.0291246	0.0402128	0.0016363	0.0109835	0.0293052	-0.0062271	-0.0211906	-0.063632
t-8	0.0064444	0.0338244	-0.0038281	0.0100315	-0.0244653	-0.0164244	0.0071087	-0.0266933
t-9	0.0166546	-0.0177911	-0.0322026	-0.0461809	-0.0280674	0.0018327	-0.0099801	0.0492624
t-10	3.841E-05	-0.0035882	-0.0174917	0.0100856	0.0136297	0.0133075	-0.0057569	-0.0245275
t-11	-0.0139257	-0.0315589	-0.0158217	-0.0039868	-0.0148334	0.003056	0.0030692	0.0287734
t-12	0.0105517	0.00939	0.0672843	-0.0019453	0.0388906	-0.0129074	-0.0029778	0.0514899
t-13	0.0053818	0.0170454	0.04698	-0.0175899	-0.053407	-0.0262771	0.0048492	0.0144153
t-14	0.0072023	-0.0503286	-0.0561237	-0.0305807	0.0128843	-0.0027714	-0.0185667	0.056295
t-15	-0.0106272	0.0260106	0.0181003	0.0244329	0.0946838	-0.0096625	-0.0108263	-0.0303016
t-16	-0.0011044	-0.0216125	-0.0207978	-0.0038704	-0.0067947	-0.0053279	0.0045041	0.0266286
t-17	-0.0028541	-0.0321116	0.0169514	0.0260955	0.0142765	0.0249718	-0.0001427	-0.0201685
t-18	0.0004374	0.1078057	-0.039873	0.0115226	0.0425405	0.0273369	-0.0275628	-0.0258995
t-19	-0.0055628	0.0231662	-0.000404	-0.0453556	-0.0002024	-0.0268752	-0.0035856	-0.0430101
t-20	0.0207144	0.0078702	-0.0026273	-0.0323866	-0.0031386	-0.0076207	0.0131827	0.0688312
t-21	-0.0195287	-0.0033567	0.0330562	-0.0026101	-0.0187094	-0.0144376	0.0313006	-0.0143664
t-22	-0.0020175	0.0019337	-0.0037466	-0.0046277	-0.0221082	-0.0275113	-0.0399417	0.0029587
t-23	0.0184233	0.0174798	-0.0215344	-0.0025464	-0.0233257	-0.0192352	0.0431249	-0.0372726
t-24	-0.0157555	0.0350825	0.0120174	-0.0173692	-0.0185601	-0.0042399	-0.0044334	0.0449088
t-25	0.0388545	0.0096995	-0.038968	0.0066689	0.0177764	0.0315071	0.0059266	0.0204833
t-26	0.002284	-0.0181713	0.0177003	0.0398856	0.0515645	-0.0417583	0.0034237	0.0306815
t-27	-0.0582273	-0.0251107	-0.056751	-0.0681099	0.026799	-0.0411986	-0.0091225	0.0503333
t-28	0.0074786	0.021633	0.0296672	-0.0157753	-0.0137146	0.0388434	0.0145325	-0.0075028
t-29	-0.0217736	-0.0424418	-0.0616508	-2.794E-05	-0.0270178	0.0102214	0.0073193	0.0875479
t-30	-0.0036747	0.0055884	0.0284673	-0.0030691	0.0135043	-0.0167682	0.004567	-0.0453993

Kode Saham	INDF	INTP	JKON	JPFA	KLBF	LPGI	MICE	MLPL
t30	0.0174711	-0.0216743	-0.0099569	0.030579	-0.0614845	-0.0173337	-0.0053515	-0.0125122
t29	-0.0171161	-0.0590233	0.0029715	-0.0034432	0.2017249	0.0032116	0.009443	-0.008939
t28	0.0468045	0.0140795	-0.005667	-0.083417	-0.0122581	0.0182304	0.0111345	-0.0192807
t27	-0.0317164	-0.0084451	-0.0451066	0.0638276	0.129591	-0.0167117	-0.0204285	-0.0190724
t26	-0.0112815	-0.0586167	0.028655	-0.0068628	-0.0287751	-0.0179673	0.0100772	-0.0352002
t25	-0.0628943	-0.0345307	0.0240658	0.0876409	0.0050154	0.0612546	-0.0793705	0.0001939
t24	-0.0041273	0.0234176	0.0214167	-0.0411144	-0.0121013	-0.029766	0.0090634	0.0273243
t23	-0.0129162	-0.0358842	-0.0227287	0.0080007	-0.058493	-0.0096914	-0.0051226	-0.0524844
t22	-0.025621	-0.0087893	0.0086105	0.0249051	0.0236017	-0.0137603	0.0957664	-0.0114051
t21	-0.015874	-0.0002358	-0.0172836	-0.0376221	0.0254369	-0.0058103	0.0657067	-0.0270832
t20	-0.038507	0.0103694	-0.0152075	0.0153001	-0.0296024	-0.0060174	0.0118565	0.014565
t19	-0.0293742	-0.0187781	0.0294982	-0.0069256	-0.0542278	-0.0261335	-0.0239091	-0.0073359
t18	0.0256061	-0.0299729	0.0099317	-0.018895	0.0197144	0.0206369	-0.0228539	-0.0218748
t17	0.0578689	-0.0023838	-0.0536236	-0.0116855	-0.0282447	-0.0329621	0.0900811	-0.0255997
t16	0.0275197	-0.036727	-0.0140288	0.0270561	0.0085208	0.0266102	-0.0057192	0.0093483
t15	-0.0252188	0.0416866	0.0237481	-0.0458067	-0.0276264	-0.0458153	-0.0594626	-0.0056486
t14	-0.0056008	-0.0116984	0.001703	-0.0085446	0.0056384	0.0076695	-0.1310199	0.0118497
t13	-0.0344018	-0.0550476	-0.0016836	-0.0311937	-0.0152252	-0.0108278	-0.0367394	-0.0284486
t12	-0.0189398	-0.0067913	0.0055743	-0.0142714	-0.0404566	-0.0104928	-0.0056934	-0.0333247
t11	0.019792	0.0145548	-0.0598608	0.0130476	-0.0131263	-0.0167277	-0.021339	-0.0060695
t10	-0.0242969	0.0097975	-0.0187112	-0.0301991	-0.032093	0.0073399	0.0936151	-0.0098288
t9	0.0387104	-0.0505561	-0.0322262	0.0286524	0.0470248	-0.0056111	-0.0815345	5.435E-05
t8	0.0017215	-0.0131986	-0.0220206	-0.0296581	-0.0093321	0.0111787	-0.0062874	-0.034891
t7	0.0744276	-0.0311834	0.0124703	0.09409	-0.0613398	-0.033048	-0.1795798	0.0094764
t6	0.0132341	-0.0001473	-0.0391699	-0.0162731	-0.0233503	-0.0050541	-0.0414777	0.0075998
t5	0.0412641	0.0147161	0.0483407	-0.0398658	0.0099007	0.0005223	-0.0293436	-0.0119352
t4	-0.0097083	-0.0151783	0.0009734	0.0145051	0.020064	0.0062731	-0.0608878	-0.0418192
t3	-0.0214866	-0.0038512	0.0130937	0.0162057	0.0304493	0.076047	0.0052571	-0.0481978
t2	0.0136773	-0.0168151	-0.0302351	0.0988095	-0.0071138	-0.0005861	-0.016276	0.0758593
t1	0.0444153	-0.0348958	-0.0061217	-0.0235834	-0.0444665	-0.0091155	-0.0371154	0.0029542
t0	-0.0278459	-0.0261813	-0.0474398	-0.0740015	-0.0210499	-0.0815102	-0.0570558	-0.0384247
t-1	-0.0053831	0.0240267	-0.0023354	-0.0078642	0.0103995	0.0028337	-0.0141029	-0.018148
t-2	0.0162766	0.0380388	0.0246065	-0.018901	-0.0049622	0.0111296	0.0052243	-0.0307517
t-3	-0.0018762	-0.0124392	0.054689	0.0261244	-0.0097661	-0.0172413	-0.0356541	-0.013837
t-4	-0.017478	-0.0030751	0.00159	0.0414963	-0.0212984	-0.0379968	0.1180289	0.0008129
t-5	-0.0051929	0.026821	-0.0212793	0.0148987	-0.0135085	-0.0312781	0.0296405	-0.0282991
t-6	-0.0132703	-0.0004738	0.0092575	-0.0135977	0.0083488	0.0599963	0.0184307	-0.0009757
t-7	0.0028348	0.009237	-0.003776	-0.0045434	-0.0091319	0.0578061	-0.0052931	-0.0121908
t-8	-0.0129787	-0.0182921	-0.0434276	-0.0156726	0.0468395	0.0229516	-0.0052528	-0.054242
t-9	0.0169519	-0.0117498	0.0121694	0.0085525	-0.0093153	-0.0062777	-0.0287823	-0.0201589
t-10	-0.0298962	0.028131	-0.0236856	0.0250358	-0.0120477	-0.0052283	0.0071164	-0.0098689
t-11	0.017413	0.0196216	0.0097923	-0.0052051	0.0129843	0.0015944	-0.0059161	-0.0275427
t-12	0.0112977	-0.0060324	0.0586335	-0.0237147	-0.0094595	-0.0314755	-0.0506999	-0.0391786
t-13	-0.0228636	-0.0221962	0.0104673	0.0583996	0.0135068	0.0024566	-0.0139331	-0.0542741
t-14	0.0019284	-0.0006243	-0.0042399	-0.0032982	-0.0030116	0.0220363	-0.0282743	0.0473834
t-15	-0.0110497	-0.0009988	-0.0177401	0.0029232	-0.007614	-0.0114387	0.0407836	-0.1398372
t-16	-0.0204762	-0.0198426	0.0086189	0.0805511	-0.001082	-0.0016589	0.0052887	-0.0009973
t-17	0.0298795	-0.0010214	-0.0054154	-0.0048683	-0.0057577	-0.0177719	0.0061513	-0.0246846
t-18	0.0072446	-0.002251	0.011729	0.0225547	-0.0366664	-0.0044403	0.0705685	0.0078333
t-19	-0.0112823	0.0586327	-0.0371552	-0.015954	0.0500843	-0.012289	-0.0887025	-0.0307922
t-20	-0.0271416	0.023771	0.0122403	-0.0250486	-0.0110331	-0.0031389	-0.0687592	-0.0067248
t-21	0.0160236	-0.0019636	0.0218238	0.0785516	0.0081236	0.0139827	-0.1022665	-0.0326875
t-22	-0.0132006	-0.024259	-0.0011374	0.0087993	-0.0346328	0.0100241	-0.0216763	-0.0423767
t-23	-0.0019194	0.0069351	0.019799	-0.0091107	0.0032377	-0.0178496	-0.005089	0.0075088
t-24	0.0324592	-0.0259568	-0.0100068	-0.0107998	0.0082797	0.0352693	-0.0592591	0.007061
t-25	-0.0051569	0.0106435	-0.0058649	-0.0044817	0.0183919	-0.0115044	-0.0050753	0.0338431
t-26	-0.0237838	-0.0098715	0.0159304	0.0022569	-0.0108114	-0.0137024	-0.0579053	-0.0157477
t-27	-0.0008431	-0.0109094	-0.0193889	0.0242623	-0.0297359	-0.003829	-0.0384142	-0.0394811
t-28	0.0348829	-0.0073042	0.0247346	-0.0133182	-0.0175541	-0.0042109	-0.0048963	-0.0652234
t-29	0.0078136	0.0108224	0.0193908	-0.0035438	0.0451642	-0.0258985	-0.0222723	0.0207317
t-30	-0.0132477	0.0265774	-0.0058791	-0.0072504	-0.0185464	-0.0197267	-0.0220767	0.0216015

Kode Saham	MPPA	PGAS	PTPP	RALS	SCMA	SGRO	SMAR	SMGR
t30	-0.0148488	0.0191362	0.0033002	-0.0172038	-0.0831642	-0.0033746	-0.0024576	0.0144585
t29	-0.0042174	0.0061497	0.0259467	-0.0409638	0.0225932	0.0478894	-0.0080824	-0.0235794
t28	-0.0215029	0.0229985	-0.018793	0.0419188	0.0383249	-0.0523957	0.0093677	0.0059959
t27	-0.0021995	0.0122558	-0.0446259	0.0102602	0.0486138	0.0651339	-0.0256885	0.0040861
t26	-0.0115403	-0.0158596	0.0211201	0.0386686	0.0097431	0.0152742	0.001071	0.0006104
t25	-0.0021158	0.0078623	0.0163967	-0.0128443	-0.0050971	0.0747404	0.0120804	0.0113127
t24	-0.0001487	-0.033082	-0.0583717	0.0077217	-0.0057461	-0.0440124	-0.0109324	0.0060709
t23	-0.0099716	-0.0535738	-0.0097436	-0.0351083	-0.0319327	-0.0178914	0.0137419	-0.0352656
t22	-0.00666	0.0019796	-0.0442158	0.0339735	-0.0133317	0.0190348	-0.0194992	-0.0023633
t21	-0.022189	-0.0036015	-0.027926	-0.007165	-0.0012597	-0.0337422	-0.0581144	0.012442
t20	1.522E-05	-0.0050135	-0.0034078	0.0045895	-0.0093713	0.0120246	-0.0341916	-0.0024999
t19	-0.009574	0.0136161	0.006589	-0.001586	-0.0262147	-0.0029516	0.005358	-0.0036299
t18	-0.0100371	-0.0014463	-0.0016497	-0.0191905	0.0429443	-0.0314487	-0.0003453	0.0025012
t17	-0.0207196	0.0241716	-0.0243747	-0.0038879	-0.0241548	-0.0201247	0.0054643	-0.0040352
t16	-0.0257236	0.021621	-0.0163738	-0.0124566	-0.0090876	0.0416731	-0.0343442	0.0059919
t15	-0.0009583	-0.0333608	-0.0086252	0.032741	-0.0125047	-0.0309061	0.0052882	-0.0305265
t14	-0.0107849	0.0050093	0.0106396	0.0169652	0.0080652	0.0054135	-0.0010708	-0.0448006
t13	-0.0106282	0.0380584	0.0217285	-0.0444382	0.0095211	0.0014044	-0.0120164	-0.0018368
t12	-0.0419765	0.0036524	-0.02709	-0.0085069	0.0210656	-0.0039142	0.0090381	-0.0023306
t11	0.0136221	-0.0057238	-0.0071736	0.0321561	-0.0006319	-0.0051718	-0.0156142	0.0198325
t10	0.0019935	-0.0226319	0.0223153	0.0111066	-0.0504782	-0.018848	0.0167195	-0.0027549
t9	-0.0159447	0.0353818	-0.0030046	-0.0197759	0.0858908	0.0057569	-0.003649	0.0516026
t8	-0.0097085	-0.0041708	-0.0216564	0.0016094	-0.0571998	-0.0265542	-0.0113638	0.0043193
t7	3.692E-05	-0.0239126	0.0052143	-0.0180466	-0.0572569	0.0521793	-0.002096	0.0271771
t6	-0.0014288	0.0140978	0.0151791	0.0088413	-0.0217666	-0.0253382	0.0261994	-0.019616
t5	-0.0143683	-0.0074785	-0.0363467	-0.0242121	0.0514513	-0.0076059	-0.0041352	-0.0127695
t4	-0.0237778	-0.0030857	-0.0028962	0.0058149	0.0238969	0.0224008	0.0112969	0.0027669
t3	0.0062059	-0.0060714	-0.011094	-0.0115723	0.040178	0.0205132	-0.0125849	-0.0192639
t2	0.0126168	-6.608E-05	0.0048855	0.0050784	-0.0168749	0.0116861	-0.0138936	-0.0024032
t1	-0.0265859	-0.0009526	0.0047888	0.0183004	0.0614564	-0.0125188	-0.0165648	-0.01086
t0	-0.1722994	-0.0326205	-0.0177734	-0.0391111	-0.0186776	-0.046941	0.0081589	-0.0315882
t-1	-0.0133388	0.0104429	0.0080694	0.0340811	-0.0354589	-0.004812	-0.0044635	-0.019537
t-2	-0.0370585	0.0070531	-0.0080949	0.0197806	-0.0030664	-0.0159245	-0.0089942	0.0088296
t-3	-0.0416775	0.0093191	-0.003476	-0.0184354	0.0147547	0.0072839	-0.0152035	-0.0135464
t-4	0.0109062	0.0054861	-0.0059862	-0.0068758	0.0255087	-0.0048015	0.0405638	-0.0023852
t-5	0.0163795	-0.0019157	-0.0099024	-0.0102468	0.0175912	-0.0018332	0.0025664	-0.0071937
t-6	0.0122748	0.0101283	0.0143271	0.0078081	0.0145195	-0.0204319	0.0013877	-0.0055462
t-7	0.0043961	-0.0065193	-0.0031429	-0.016246	-0.0111611	0.0066918	-0.0036751	-0.0025293
t-8	0.0091746	0.0179176	-0.0016153	-0.0165327	0.0065989	-0.0045747	-0.0005235	-0.010261
t-9	-0.0093781	-0.0295527	-0.0206491	0.0106506	0.025439	0.0077021	-0.0041628	-0.0008668
t-10	0.0021447	0.0012649	0.001711	0.0170222	-0.0069841	0.0009843	-0.0027579	-0.0026524
t-11	-0.0098036	-0.004132	0.0087232	0.0117867	0.0059876	-0.0105228	0.0269541	0.0364838
t-12	-0.0282869	0.0531099	-0.0194334	-0.0457853	-0.0065889	-0.0121976	-0.0221379	-0.0239746
t-13	-0.0071863	-0.0146382	-0.0151891	0.0876408	0.0143933	0.0091764	-0.0256875	-0.0693744
t-14	0.1680369	-0.0005118	0.0237311	-0.0090052	0.0030938	-0.0071877	-0.0446255	-0.0024119
t-15	-0.0563549	-0.025867	0.0197479	0.0215719	0.0148886	0.0150508	-0.0064926	-0.0056912
t-16	-0.0134285	0.0470402	-0.0045484	-0.0102576	-0.0303214	0.0065995	0.0408354	0.0112885
t-17	-0.0127709	-0.0106345	-0.0057548	0.0301716	-0.0155219	-0.012168	-0.0470258	-0.0245737
t-18	0.0459525	0.0054038	1.278E-05	-0.0010108	-0.0084408	0.0033458	0.0142342	0.0217047
t-19	-0.0263789	-0.0516241	0.0234451	0.019782	-0.0120622	-0.0038077	-0.0627386	0.0031152
t-20	-0.0629998	0.0121334	0.0086152	-0.0028421	0.0042302	-0.0013738	-0.0082101	0.0416624
t-21	-0.0180785	0.0009351	0.0077854	-0.0180157	0.0665664	0.0014411	-0.0149435	-0.0023837
t-22	-0.0397178	-0.0070312	-0.0005137	0.0281983	0.0007296	0.0017864	-0.0291523	0.0038301
t-23	-0.0198773	0.0240189	0.0054416	-0.0137624	0.0274288	-0.0089121	-0.0273695	-0.0023215
t-24	-0.0071302	0.0094168	-0.0291231	0.0347593	-0.0493359	-0.0018743	0.036447	-0.0056886
t-25	0.0056828	-0.0097559	0.0323449	0.0252972	0.0418012	-0.0057632	-0.0345425	-0.0024165
t-26	-0.0166755	-0.0037958	-0.0161137	-0.0248981	-0.029341	0.0029995	-0.0158844	0.0209307
t-27	-0.0457684	0.0559543	0.0043183	-0.0170969	-0.015545	0.0119073	0.1019014	0.0040461
t-28	-0.0496087	-0.02095	0.0117634	0.019678	0.0265962	0.0004062	0.0322498	-0.0458105
t-29	0.0319221	-0.0191217	-0.0239155	0.0214035	0.0087928	-0.0169386	0.0172788	-0.0070636
t-30	0.0870083	-0.0638908	0.0510517	-0.0126121	0.0290877	0.002601	0.028011	-0.028947

Kode Saham	SMRA	SMSM	TKIM	TOTL	TURI	UNTR	UNVR	WIKA
t30	-0.0192054	-0.0016859	0.0367119	0.0009436	-0.0078024	-0.0355514	-0.0005971	0.0052487
t29	-0.0878257	-0.0368739	-0.0378339	0.0196451	0.0269781	-0.025587	0.0882874	-0.010757
t28	0.1533639	0.0284562	0.1059439	0.0141524	0.0241412	-0.0244169	-0.0409314	0.0115104
t27	0.0731561	0.0047557	-0.004145	-0.0046931	0.0521992	0.0234981	0.0409764	-0.0234174
t26	0.1251085	0.0113035	0.0113632	0.0294969	0.0098417	-0.0097185	-0.0393754	-0.0057791
t25	-0.0323389	0.0145486	-0.0050885	-0.0203036	-0.019744	0.0156684	0.0679713	-0.0006905
t24	0.0013751	0.0003557	-0.0190456	0.0212791	0.0069069	-0.0271702	0.0112582	0.051428
t23	-0.0215718	-0.0164843	0.001555	-0.0033042	-0.0690997	-0.0598301	-0.0102958	0.0032365
t22	-0.0385095	-0.0042054	0.0024233	0.0176854	0.0382203	-0.0101574	0.0241313	-0.0232323
t21	0.0018703	-0.0049585	-0.0180691	-0.0392527	-0.0693367	-0.0498608	-0.0010194	-0.0109633
t20	-0.0125368	0.0299823	0.0497872	0.0103208	0.03935	0.0548133	0.0221054	0.0212816
t19	0.0223513	-0.0079577	0.0387342	-0.0365772	0.0256295	0.0010528	0.0046408	-0.0188004
t18	-0.0038928	0.0283772	9.659E-05	0.019307	0.0385681	-0.0125981	0.0095932	0.0057474
t17	0.0046423	0.0026764	0.0048304	-0.0293209	0.0056851	0.0747319	-0.016781	-0.0139984
t16	0.0268023	0.0335665	-0.0128202	-0.0198627	-0.0144754	0.0273774	-0.0008347	-0.0062858
t15	-0.0190613	-0.0441531	-0.002464	0.0139268	0.0272125	-0.103608	-0.0036348	-0.02122
t14	0.0088984	0.0072405	0.001213	0.0211071	0.0065228	-0.0191804	0.0068212	0.0134986
t13	0.0706842	0.0123691	0.018657	0.0013548	0.0297606	-0.0034828	-0.0053664	-0.0090962
t12	-0.0149352	0.0394976	-0.0036511	0.0193188	-0.017124	-0.0203916	-0.009891	-0.0152995
t11	-0.0160181	0.0255037	-0.0050819	-0.016358	-0.0151637	0.0192553	0.0060337	-0.0099228
t10	-0.0282894	-0.0654501	-0.0014953	-0.0188139	0.0192152	0.0030605	-0.0049016	0.0055895
t9	-0.0275103	-0.066607	-0.0054529	0.0004069	-0.0094514	-0.0569387	0.0138541	-0.0026908
t8	0.0373433	-0.0514793	-0.0097242	-0.0013059	0.0235648	-0.0159519	-0.0167973	-0.022167
t7	0.0055775	-0.0305385	0.0119466	-0.0007231	-0.0156771	-0.0364829	-0.0112183	0.0207858
t6	-0.0589691	-0.0199413	-0.0023461	-0.0187459	-0.0031436	-0.0002038	0.0087775	-0.0077174
t5	-0.0107886	-0.0173687	-0.0371152	3.351E-05	-0.0192513	-0.0080476	-0.0015574	-0.0238385
t4	0.00153	-0.0006123	0.0630972	-0.0353148	-0.0289641	-0.0169898	0.0126349	0.0151433
t3	0.0107575	-0.0168005	0.0360807	0.0848958	0.0030391	0.0032941	-0.0169707	0.0222736
t2	-0.0168694	0.0274701	0.002021	-0.0175574	-0.002315	0.0203873	-0.0072189	-0.02126
t1	-0.0162559	0.0487333	-0.0444759	0.0164076	-0.0177798	-0.0040756	-0.0166485	0.0214579
t0	-0.0558931	0.0222594	0.002954	-0.1017647	0.004304	-0.0120182	-0.0207981	-0.0315555
t-1	-0.0022504	0.0289511	-0.0320472	-0.0328011	0.0052667	-0.0130215	0.0079052	0.0334142
t-2	-0.0016231	0.0112162	0.0176495	0.0128978	-0.0132244	0.0181641	0.0066398	-0.0020428
t-3	0.0009187	0.0390529	-0.0253934	0.0272053	-0.0245055	-0.0170088	0.0002117	-0.0144787
t-4	-0.0341675	0.0440223	-0.032357	0.0192572	-0.0092687	-0.0403297	0.0027531	0.0109304
t-5	-0.0008414	-0.0601305	-0.0325254	-0.0031431	0.0194408	-0.0233606	-0.0126471	-0.0118081
t-6	-0.0006356	-0.0017551	0.0191112	-0.0136294	0.0088067	-0.0173902	-0.0050008	-0.0063562
t-7	0.0039804	-0.0097267	-0.0169372	0.0286439	-0.0076801	0.004328	0.0065911	0.0017777
t-8	0.0134747	0.0316183	0.0084027	-0.0022676	-0.0098581	-0.0070797	0.013597	-0.0119743
t-9	0.0191972	0.0121842	-0.0560054	0.0007733	-0.0159674	-0.0091979	-0.0022235	0.0429046
t-10	-0.0050246	0.0138009	-0.0148381	0.0012615	-0.0052384	-0.0111091	0.0069763	0.0061438
t-11	0.0016307	0.0158676	0.0080064	-0.0007826	-0.0048575	-0.0124572	0.0056941	-0.019098
t-12	0.0177926	0.0649604	-0.0800022	-0.0007522	-0.0104659	-0.0175476	0.0063255	-0.0213452
t-13	0.0128789	0.0266575	0.0324921	0.0031284	0.0256638	-0.0169095	-0.0001326	-0.0007752
t-14	-0.0209339	0.0003692	0.0085616	0.0488131	0.0003457	-0.0073877	-0.00418	0.0126742
t-15	-0.0133899	0.0608277	0.0113725	-0.0017868	0.0039319	-0.0057413	0.0015012	-0.0085274
t-16	0.0293138	0.0035508	-0.0032944	0.0544871	0.0058283	-0.0094103	0.0003322	-0.0028968
t-17	-0.0016831	-0.0044483	0.0101762	-0.022079	-0.0303405	-0.0077867	0.0090258	-0.0139854
t-18	0.0048983	-0.046473	-0.012244	0.000838	0.0221892	0.0213246	0.0073218	-0.0054373
t-19	0.008627	-0.0205696	0.0153451	0.0007117	-0.0038328	0.0114837	-0.0125821	0.0052957
t-20	0.0019753	-0.0230595	-0.0129762	0.0171986	0.006668	-0.0177326	0.0026334	0.0070189
t-21	0.0045975	-0.0363481	0.0236204	0.0114199	0.0166381	-0.016268	-0.0045243	-0.0001959
t-22	0.0158157	-0.0093414	-0.0077214	-0.0012508	0.0097244	0.0015813	-0.0063489	0.0144042
t-23	-0.0139531	0.0371224	0.0185116	0.0189696	0.0186792	-0.0099368	0.0025018	0.0283141
t-24	0.0043024	-0.0478684	0.0037718	-0.0031252	-0.0115079	-0.0154694	-0.0048778	0.004014
t-25	-0.0046979	-0.0079591	-0.0185977	0.0022582	0.037994	0.0001371	0.0186571	-0.0184463
t-26	0.036183	0.0080964	-0.0481581	-0.0023087	-0.0070419	-0.0085773	0.0002064	-0.0012048
t-27	-0.0083478	0.0205731	-0.0099849	-0.0165999	-0.016288	0.0173878	-0.0017253	-0.011189
t-28	-0.0127059	-0.0405175	0.000723	0.0589212	0.00089	-0.0616205	-0.0048229	0.0055242
t-29	-0.0272823	-0.0084084	0.0106204	-0.0018701	0.0068266	-0.0105458	0.0038306	-0.0094143
t-30	0.0134871	-0.0074603	0.0013591	-0.020552	-0.0144841	-0.0136218	-0.0062432	-0.0020923

Lampiran: 16

Daftar Sampel Perusahaan Dividen Menurun

No.	Perusahaan	Kode Saham	Ex-Dividen Date
1	Adhi Karya (Persero) Tbk, PT	ADHI	6-Jun-2012
2	Adira Dinamika Multi Finance Tbk, PT	ADMF	30-May-2012
3	Akr Corporindo Tbk, PT	AKRA	7-Jun-2012
4	Aneka Tambang Tbk, PT	ANTM	30-May-2013
5	Astra Graphia Tbk, PT	ASGR	10-Oct-2014
6	Astra Otoparts Tbk, PT	AUTO	3-Oct-2013
7	Bhakti Capital Indonesia Tbk, PT	BCAP	28-May-2014
8	Colorpak Indonesia Tbk, PT	CLPI	16-Aug-2011
9	Gajah Tunggal Tbk, PT	GJTL	13-Jun-2011
10	Hanjaya Mandala Sampoerna Tbk, PT	HMSP	3-Oct-2013
11	Kalbe Farma Tbk, PT	KLBF	14-Jun-2013
12	Pp, London Sumatra Indonesia Tbk, PT	LSIP	17-Jun-2011
13	Matahari Putra Prima Tbk, PT	MPPA	1-May-2012
14	Perusahaan Gas Negara (Persero) Tbk, PT	PGAS	1-Dec-2011
15	Radiant Utama Interinsco Tbk, PT	RUIS	3-Jul-2012
16	Surya Citra Media Tbk, PT	SCMA	22-Nov-2013
17	PT, Sampoerna Agro, Tbk	SGRO	6-Jul-2012
18	Semen Gresik (Persero) Tbk, PT	SMGR	28-Dec-2010
19	Timah (Persero) Tbk, PT	TINS	11-May-2012
20	Total Bangun Persada Tbk, PT	TOTL	21-May-2013
21	United Tractor Tbk, PT	UNTR	3-Oct-2013
22	Unilever Indonesia Tbk, PT	UNVR	7-Dec-2011

Lampiran: 17

Harga Saham Perusahaan Dividen Menurun

Saham	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP
t30	960	10150	3700	1020	2100	4025	880
t29	980	10000	3700	950	2095	4075	880
t28	960	10150	3800	940	2055	4025	900
t27	970	10200	3750	950	2090	4075	910
t26	960	10300	3625	1000	2075	4075	980
t25	960	10250	3600	1000	2150	4050	995
t24	990	10250	3775	960	2160	4050	990
t23	970	10200	3900	990	2155	4050	990
t22	980	10200	3850	1000	2160	4050	900
t21	1000	10100	3875	1000	2160	4200	1000
t20	1020	10050	3850	1000	2175	4350	990
t19	1030	10150	3900	1000	2175	4450	990
t18	1020	10050	3750	980	2170	4550	990
t17	990	10050	3600	960	2200	4650	990
t16	960	10000	3475	970	2175	4600	995
t15	970	10000	3475	1060	2220	4550	1000
t14	970	10000	3500	1140	2175	4575	980
t13	970	10000	3475	1150	2175	4575	980
t12	980	10000	3475	1140	2180	4650	1015
t11	990	10000	3475	1120	2180	4650	1015
t10	980	10000	3525	1110	2160	4650	1000
t9	930	10000	3625	1130	2175	4600	1000
t8	940	10150	3525	1150	2190	4650	1015
t7	920	10150	3550	1220	2200	4650	990
t6	910	10150	3475	1230	2190	4650	1020
t5	930	9900	3625	1260	2190	4575	1000
t4	950	9850	3725	1260	2185	4500	1000
t3	950	9900	3650	1260	2175	4500	1005
t2	970	10700	3650	1250	2175	4300	1010
t1	970	10300	3600	1280	2175	4300	1010
t0	960	11000	3700	1260	2200	4300	1010
t-1	920	12000	3625	1310	2210	4150	1010
t-2	890	12200	3400	1300	2200	4250	1010
t-3	940	12150	3250	1300	2250	4375	1010
t-4	970	12200	3375	1320	2230	4400	1000
t-5	980	12100	3375	1310	2230	4400	1020
t-6	1020	12300	3525	1340	2230	4400	1015
t-7	1050	12400	3550	1340	2275	4350	1010
t-8	1050	12400	3525	1330	2210	4325	1010
t-9	1060	12400	3475	1320	2175	4250	1005
t-10	1050	12400	3600	1310	2200	4250	1005
t-11	1060	12600	3625	1310	2245	4025	980
t-12	1060	12600	3675	1350	2235	3950	1070
t-13	1040	13000	3450	1340	2215	3850	1095
t-14	1040	12900	3600	1370	2295	3800	1110
t-15	1040	13000	3600	1370	2255	3750	1140
t-16	1090	13100	3600	1370	2200	3600	1140
t-17	1090	13000	3775	1360	2185	3550	1195
t-18	1130	13050	3825	1360	2170	3450	1185
t-19	1100	13100	3850	1340	2160	3425	1160
t-20	1090	13000	3925	1350	2150	3500	1160
t-21	1060	12900	3850	1370	2190	3525	950
t-22	1050	13100	4000	1380	2180	3750	900
t-23	1060	13000	4050	1370	2220	3800	845
t-24	1030	13000	4075	1380	2230	3825	850
t-25	1000	12950	4125	1370	2215	3825	850
t-26	990	13500	4175	1380	2215	3850	915
t-27	990	12800	4100	1360	2225	3775	895
t-28	990	12800	4125	1360	2230	3825	895
t-29	990	13000	4150	1350	2230	3800	895
t-30	990	12900	4225	1370	2230	3800	900

Saham	CLPI	GJTL	HMSP	KLBF	LSIP
t30	1310	3400	31500	1360	2400
t29	1260	3425	31500	1400	2375
t28	1250	3425	31300	1420	2350
t27	1360	3400	31000	1480	2425
t26	1400	3225	31150	1470	2400
t25	1300	3250	30900	1480	2375
t24	1390	3275	31000	1500	2350
t23	1300	3225	30750	1470	2375
t22	1400	3275	30950	1450	2350
t21	1490	3250	30700	1470	2350
t20	1670	3100	30650	1450	2275
t19	1750	3075	30100	1430	2275
t18	1750	3075	30100	1390	2325
t17	1850	3125	30000	1350	2300
t16	1830	3125	29400	1330	2325
t15	1850	3025	29200	1440	2300
t14	1930	2950	29550	1380	2300
t13	1910	3075	30100	1390	2350
t12	1990	3125	30000	1440	2325
t11	1980	3050	29900	1390	2300
t10	1980	3025	30100	1440	2325
t9	1880	3050	28950	1380	2325
t8	1880	3000	29750	1320	2325
t7	1880	2925	28500	1190	2275
t6	1880	2950	31700	1200	2275
t5	1860	2725	31700	1190	2300
t4	1900	2775	31700	1230	2275
t3	1880	2800	31900	1320	2300
t2	1880	2800	31700	1300	2300
t1	1980	2875	32000	1340	2275
t0	1980	2800	32250	1320	2275
t-1	2100	2875	32250	1290	2350
t-2	2050	2975	32850	1310	2375
t-3	2075	3050	32800	1280	2350
t-4	1930	2950	32000	1350	2325
t-5	1750	2850	31600	1370	2350
t-6	1630	2875	31500	1410	2375
t-7	1880	2875	31000	1410	2350
t-8	2200	2975	30950	1440	2400
t-9	2350	2950	30950	1430	2425
t-10	2425	2925	30900	1450	2425
t-11	2550	2925	31100	1500	2400
t-12	2575	3025	31100	1530	2425
t-13	2525	3125	31400	1480	2400
t-14	2600	3125	31400	1450	2425
t-15	2600	3225	31400	1480	2425
t-16	2675	3075	31300	1450	2375
t-17	2625	3075	31500	1510	2375
t-18	2675	3000	31500	1500	2350
t-19	2675	2875	30950	1540	2400
t-20	2700	2875	31100	1540	2375
t-21	2500	2675	31500	1470	2400
t-22	2525	2450	32550	1460	2375
t-23	2400	2550	31950	1460	2425
t-24	2450	2450	32100	1470	2400
t-25	2275	2325	32200	1450	2450
t-26	2125	2350	32000	1430	2400
t-27	2125	2325	31250	1430	2400
t-28	2125	2350	31200	1400	2425
t-29	2100	2325	30900	1350	2475
t-30	2175	2325	31000	1330	2475

Saham	MPPA	PGAS	RUIS	SCMA	SGRO
t30	940	3225	250	2600	2800
t29	940	3250	245	2675	2800
t28	930	3250	245	2625	2700
t27	940	3200	255	2625	2775
t26	940	3150	250	2625	2800
t25	930	3225	255	2575	2825
t24	920	3200	255	2575	2850
t23	940	3175	255	2575	2875
t22	940	3075	260	2575	2925
t21	950	3175	265	2700	2975
t20	950	3175	265	2475	2825
t19	950	3150	255	2575	2900
t18	940	3200	255	2500	2950
t17	940	3225	255	2575	3000
t16	940	3225	255	2600	3025
t15	950	3200	250	2575	3100
t14	910	3225	250	2550	3100
t13	900	3150	255	2650	3050
t12	900	3125	255	2675	3025
t11	900	3125	265	2625	3075
t10	910	3050	255	2700	3125
t9	910	3125	260	2775	3150
t8	920	3150	255	2725	3125
t7	940	3175	255	2800	3250
t6	940	3150	260	2800	3275
t5	950	3200	260	2850	3225
t4	950	3175	260	2850	3300
t3	960	3150	260	2825	3275
t2	950	3150	270	2825	3325
t1	940	3225	270	2800	3325
t0	940	3075	270	2825	3375
t-1	940	3075	270	2750	3350
t-2	940	3050	265	2775	3325
t-3	940	2950	265	2775	3175
t-4	940	2900	275	2750	3050
t-5	940	2925	260	2725	2975
t-6	930	2950	250	2700	2925
t-7	930	3000	270	2675	2900
t-8	930	3025	260	2650	2875
t-9	930	3100	265	2675	2875
t-10	920	3125	265	2700	2850
t-11	910	3150	255	2450	2825
t-12	920	3125	255	2300	2850
t-13	920	3100	260	2275	2825
t-14	880	3100	265	2275	2825
t-15	910	3125	250	2300	2750
t-16	910	3175	250	2350	2725
t-17	910	3125	255	2375	2700
t-18	910	3100	250	2400	2700
t-19	890	3050	250	2425	2700
t-20	890	3050	240	2400	2700
t-21	890	3025	230	2400	2675
t-22	880	2925	250	2375	2650
t-23	880	2950	245	2350	2575
t-24	890	3050	260	2425	2600
t-25	880	3000	255	2350	2700
t-26	910	2900	280	2325	2750
t-27	920	2750	275	2225	2775
t-28	920	2825	280	2300	2825
t-29	910	2900	285	2300	2775
t-30	920	2900	300	2300	2700

Saham	SMGR	TINS	TOTL	UNTR	UNVR
t30	8300	1380	1190	19050	20000
t29	8100	1420	1190	18800	19800
t28	8250	1450	1180	19250	19750
t27	8350	1430	1160	19500	19700
t26	8350	1390	1160	19350	19700
t25	8200	1380	1120	19200	19300
t24	8000	1280	1120	18300	19800
t23	7750	1340	1200	17500	19600
t22	7750	1350	1220	17500	19200
t21	7950	1370	1240	17500	20050
t20	8250	1330	1280	17500	19300
t19	8000	1330	1270	18300	18500
t18	7650	1350	1260	17600	18550
t17	7850	1260	1200	18000	18800
t16	8100	1240	1250	17650	18500
t15	8400	1350	1150	17650	18300
t14	8850	1370	1200	17500	18300
t13	8800	1440	1230	17700	18750
t12	9050	1460	1350	18150	18750
t11	8950	1450	1350	18200	18600
t10	8900	1460	1380	18100	18200
t9	8850	1460	1480	18700	17950
t8	8600	1470	1600	18700	18300
t7	9350	1490.01	1580	18700	17300
t6	9800	1460	1440	18700	17500
t5	10000	1499.99	1360	18200	17600
t4	9900	1499.99	1310	18200	17300
t3	9850	1499.99	1250	17200	17600
t2	9450	1570	1190	17200	17550
t1	9550	1560	1220	17200	17800
t0	9400	1610	1200	17100	17900
t-1	9300	1740	1190	16600	18000
t-2	9250	1780	1190	16400	17900
t-3	9200	1780	1170	16300	17600
t-4	9400	1769.99	1130	16900	18200
t-5	9300	1810.01	1100	17100	18200
t-6	9300	1800	1100	17100	18100
t-7	9250	1800	1130	17050	17550
t-8	9400	1820	1110	17350	17850
t-9	9300	1820	1110	17300	17400
t-10	9400	1800	1100	17700	17500
t-11	9350	1810.01	1060	17050	16800
t-12	9800	1800	1050	17000	16200
t-13	9700	1810.01	1070	17000	16150
t-14	9550	1780	1130	16650	16150
t-15	9450	1810.01	1070	17300	15850
t-16	9450	1820	1080	17400	15900
t-17	9200	1750	1090	17000	16000
t-18	9200	1720.01	1060	16800	15950
t-19	9550	1750	1040	16300	16050
t-20	9700	1760.01	1070	16300	16200
t-21	9750	1750	1070	15750	15800
t-22	9650	1769.99	1070	16450	15750
t-23	9700	1810.01	1050	15950	15850
t-24	9900	1800	1020	15800	15700
t-25	9400	1830	1030	16000	15800
t-26	9300	1830	1010	15550	15650
t-27	9300	1830	1010	15300	15650
t-28	9350	1870	1010	15200	15700
t-29	9250	1870	960	15150	16050
t-30	9450	1859.99	980	15050	16100

Lampiran: 18

IHSG Perusahaan Dividen Menurun

SAHAM	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP
t30	4081.635	4019.1331	4096.1958	4635.729	5112.0449	4398.3359	5032.5991
t29	4080.6721	4009.678	4081.635	4633.1079	5093.5659	4393.5918	5098.0098
t28	4047.4651	3985.0449	4080.6721	4478.644	5127.9331	4335.4482	5024.7119
t27	4019.6731	4055.197	4047.4651	4403.7998	5102.4692	4367.3711	4989.0308
t26	3984.1201	4069.8359	4019.6731	4433.625	5053.9429	4301.8911	4905.8252
t25	4019.1331	4075.917	3984.1201	4602.8071	5049.4878	4380.6401	4888.7349
t24	4009.678	4049.8931	4019.1331	4581.9331	5048.668	4441.7241	4908.2739
t23	3985.0449	3991.54	4009.678	4577.1528	5048.8408	4476.7202	4884.8252
t22	4055.197	3955.5769	3985.0449	4728.7041	5032.2842	4486.1089	4878.582
t21	4069.8359	3887.575	4055.197	4777.4522	4965.3872	4449.7598	4845.1338
t20	4075.917	3934.8669	4069.8359	4818.895	4987.4238	4423.2881	4872.4199
t19	4049.8931	3881.4009	4075.917	4675.749	5034.231	4432.5889	4838.9819
t18	3991.54	3857.5891	4049.8931	4587.728	5066.832	4510.6309	4862.2402
t17	3955.5769	3889.523	3991.54	4418.8721	5070.9399	4574.8779	4842.1289
t16	3887.575	3901.7881	3955.5769	4429.46	5085.5088	4562.77	4847.7012
t15	3934.8669	3943.897	3887.575	4515.3721	5089.5469	4590.5381	4864.273
t14	3881.4009	3880.8159	3934.8669	4629.9941	5058.8491	4580.8462	4887.8599
t13	3857.5891	3860.155	3881.4009	4806.6558	5074.0562	4594.8452	4909.5171
t12	3889.523	3818.1089	3857.5891	4840.4522	5001.3042	4546.499	4885.459
t11	3901.7881	3791.6179	3889.523	4774.5039	5024.292	4512.7432	4926.6631
t10	3943.897	3860.4609	3901.7881	4760.7441	5073.0679	4578.1782	4934.4072
t9	3880.8159	3852.5779	3943.897	4607.6631	5103.5181	4546.5708	4971.9458
t8	3860.155	3866.2129	3880.8159	4697.8838	5074.3232	4518.9302	4946.0898
t7	3818.1089	3825.3279	3860.155	4609.9482	5029.3442	4492.2612	4885.083
t6	3791.6179	3840.596	3818.1089	4777.3652	5040.5322	4519.9121	4937.1758
t5	3860.4609	3841.3311	3791.6179	4865.3242	5028.9458	4486.6782	4935.564
t4	3852.5779	3717.876	3860.4609	5001.2212	4951.6138	4457.438	4932.564
t3	3866.2129	3654.582	3852.5779	5021.6118	4962.9399	4432.5068	4942.1572
t2	3825.3279	3799.7661	3866.2129	4971.354	4922.582	4374.959	4912.0908
t1	3840.596	3832.824	3825.3279	5068.6279	4913.0532	4389.3472	4893.9082
t0	3841.3311	3917.916	3840.596	5129.647	4962.96	4418.6431	4985.5781
t-1	3717.876	3919.0649	3841.3311	5200.6929	4993.8789	4387.604	4963.9248
t-2	3654.582	3918.6851	3717.876	5176.2349	4958.519	4345.8989	4973.0571
t-3	3799.7661	3902.5081	3654.582	5085.1362	5032.8408	4316.1758	4969.8818
t-4	3832.824	3984.8731	3799.7661	5155.0928	5000.1382	4423.7192	4910.292
t-5	3917.916	3981.5779	3832.824	5121.4028	4949.3462	4405.8931	4895.9551
t-6	3919.0649	4021.1001	3917.916	5207.999	5000.8091	4406.7671	5014.9961
t-7	3918.6851	3940.1079	3919.0649	5188.7588	5140.9131	4460.4131	5031.5708
t-8	3902.5081	3980.4961	3918.6851	5214.9761	5137.5791	4562.8569	4991.6362
t-9	3984.8731	4045.644	3902.5081	5145.6831	5142.0112	4583.8281	4921.394
t-10	3981.5779	4053.0669	3984.8731	5078.6782	5132.563	4670.7329	4912.9981
t-11	4021.1001	4114.1401	3981.5779	5089.8799	5201.3789	4463.2539	4898.1382
t-12	3940.1079	4133.6309	4021.1001	5081.9399	5174.0068	4517.6201	4860.8892
t-13	3980.4961	4129.0601	3940.1079	5054.6279	5188.1138	4522.2388	4862.0689
t-14	4045.644	4181.0732	3980.4961	5105.937	5219.8032	4375.5391	4834.4678
t-15	4053.0669	4158.8618	4045.644	5089.335	5227.582	4356.605	4842.5029
t-16	4114.1401	4216.6812	4053.0669	5042.7891	5208.1421	4349.419	4838.7598
t-17	4133.6309	4224.0029	4114.1401	4991.8711	5188.1841	4358.1431	4840.146
t-18	4129.0601	4219.2949	4133.6309	4925.4829	5130.5029	4191.2578	4819.6812
t-19	4181.0732	4195.9839	4129.0601	4994.0459	5144.898	4072.354	4818.7578
t-20	4158.8618	4180.7319	4181.0732	5060.919	5143.7109	4050.864	4897.6431
t-21	4216.6812	4163.981	4158.8618	5034.0708	5133.0332	4073.4551	4891.0791
t-22	4224.0029	4180.3062	4216.6812	4999.752	5142.9912	4164.0122	4893.148
t-23	4219.2949	4163.6431	4224.0029	4978.5068	5197.1191	4101.2329	4898.2061
t-24	4195.9839	4170.353	4219.2949	4994.523	5246.4829	4195.0889	4892.2881
t-25	4180.7319	4155.4912	4195.9839	5011.6069	5217.335	4103.5928	4897.0518
t-26	4163.981	4181.3682	4180.7319	4975.3301	5205.3218	4026.4751	4873.0112
t-27	4180.3062	4163.7158	4163.981	4996.9229	5224.1348	3967.842	4870.2148
t-28	4163.6431	4166.2368	4180.3062	4998.4609	5201.5859	4120.669	4864.8838
t-29	4170.353	4157.3652	4163.6431	5012.6382	5177.6182	4169.8272	4816.5762
t-30	4155.4912	4146.5811	4170.353	4998.6528	5136.8628	4171.4131	4765.729

SAHAM	CLPI	GJTL	HMSP	KLBF	LSIP
t30	3269.4509	4132.7769	3710.478	4580.4668	4193.4409
t29	3348.708	4087.094	3706.782	4658.874	4130.7998
t28	3549.032	4106.8218	3620.6641	4674.1172	4145.8272
t27	3537.178	4068.073	3622.7759	4718.103	4174.1118
t26	3513.166	4050.6321	3685.3059	4767.1592	4132.7769
t25	3473.938	4023.417	3622.0271	4678.9829	4087.094
t24	3316.137	4032.9741	3729.0149	4724.4111	4106.8218
t23	3426.346	4023.2019	3664.6799	4720.4351	4068.073
t22	3369.1431	3997.635	3675.384	4679.001	4050.6321
t21	3697.4939	3980.845	3635.9309	4644.0391	4023.417
t20	3752.1101	3938.0149	3531.7529	4635.729	4032.9741
t19	3755.052	3995.5869	3451.084	4633.1079	4023.2019
t18	3835.1809	4003.6909	3425.6841	4478.644	3997.635
t17	3774.334	3939.4729	3443.106	4403.7998	3980.845
t16	3799.0371	3908.9561	3293.239	4433.625	3938.0149
t15	3874.783	3924.127	3269.4509	4602.8071	3995.5869
t14	3896.1189	3953.5171	3348.708	4581.9331	4003.6909
t13	3998.502	3927.0979	3549.032	4577.1528	3939.4729
t12	4005.3899	3888.5691	3537.178	4728.7041	3908.9561
t11	4001.4331	3830.273	3513.166	4777.4522	3924.127
t10	3889.971	3813.4251	3473.938	4818.895	3953.5171
t9	3866.1721	3848.5581	3316.137	4675.749	3927.0979
t8	3841.731	3823.6499	3426.346	4587.728	3888.5691
t7	3841.731	3821.832	3369.1431	4418.8721	3830.273
t6	3844.377	3794.939	3697.4939	4429.46	3813.4251
t5	3847.02	3729.1221	3752.1101	4515.3721	3848.5581
t4	3880.4641	3721.3831	3755.052	4629.9941	3823.6499
t3	3839.616	3740.471	3835.1809	4806.6558	3821.832
t2	3842.7481	3794.251	3774.334	4840.4522	3794.939
t1	4020.9939	3773.273	3799.0371	4774.5039	3729.1221
t0	3953.2771	3748.7581	3874.783	4760.7441	3721.3831
t-1	3960.022	3787.648	3896.1189	4607.6631	3740.471
t-2	3890.5259	3806.187	3998.502	4697.8838	3794.251
t-3	3869.365	3825.821	4005.3899	4609.9482	3773.273
t-4	3863.5759	3842.9529	4001.4331	4777.3652	3748.7581
t-5	3735.1189	3834.2009	3889.971	4865.3242	3787.648
t-6	3850.2661	3844.02	3866.1721	5001.2212	3806.187
t-7	3921.6431	3837.761	3841.731	5021.6118	3825.821
t-8	4122.0859	3836.967	3841.731	4971.354	3842.9529
t-9	4136.5068	3826.137	3844.377	5068.6279	3834.2009
t-10	4177.8462	3832.4299	3847.02	5129.647	3844.02
t-11	4193.4409	3814.8159	3880.4641	5200.6929	3837.761
t-12	4130.7998	3780.1621	3839.616	5176.2349	3836.967
t-13	4145.8272	3785.9431	3842.7481	5085.1362	3826.137
t-14	4174.1118	3778.4541	4020.9939	5155.0928	3832.4299
t-15	4132.7769	3872.9529	3953.2771	5121.4028	3814.8159
t-16	4087.094	3859.8101	3960.022	5207.999	3780.1621
t-17	4106.8218	3840.209	3890.5259	5188.7588	3785.9431
t-18	4068.073	3799.2261	3869.365	5214.9761	3778.4541
t-19	4050.6321	3832.021	3863.5759	5145.6831	3872.9529
t-20	4023.417	3808.71	3735.1189	5078.6782	3859.8101
t-21	4032.9741	3838.1421	3850.2661	5089.8799	3840.209
t-22	4023.2019	3800.52	3921.6431	5081.9399	3799.2261
t-23	3997.635	3785.45	4122.0859	5054.6279	3832.021
t-24	3980.845	3798.554	4136.5068	5105.937	3808.71
t-25	3938.0149	3816.272	4177.8462	5089.335	3838.1421
t-26	3995.5869	3814.928	4193.4409	5042.7891	3800.52
t-27	4003.6909	3813.8679	4130.7998	4991.8711	3785.45
t-28	3939.4729	3849.3001	4145.8272	4925.4829	3798.554
t-29	3908.9561	3819.6179	4174.1118	4994.0459	3816.272
t-30	3924.127	3808.929	4132.7769	5060.919	3814.928

SAHAM	MPPA	PGAS	RUIS	SCMA	SGRO
t30	3791.6179	3909.6931	4121.5562	4201.2178	4102.5298
t29	3860.4609	3935.3259	4102.5298	4200.5928	4141.564
t28	3852.5779	3909.4971	4141.564	4175.8062	4131.1699
t27	3866.2129	3909.6399	4131.1699	4202.8091	4090.709
t26	3825.3279	3938.842	4090.709	4257.6631	4085.5801
t25	3840.596	3889.072	4085.5801	4327.2651	4105.499
t24	3841.3311	3869.415	4105.499	4274.1768	4099.813
t23	3717.876	3906.2639	4099.813	4212.98	4093.1121
t22	3654.582	3907.4209	4093.1121	4202.834	4130.4648
t21	3799.7661	3857.8821	4130.4648	4189.6079	4142.3369
t20	3832.824	3821.9919	4142.3369	4195.5562	4099.1211
t19	3917.916	3808.772	4099.1211	4231.98	4084.2119
t18	3919.0649	3769.2141	4084.2119	4196.2822	4004.7759
t17	3918.6851	3789.4251	4004.7759	4182.3462	4000.8391
t16	3902.5081	3797.1509	4000.8391	4125.9561	3992.113
t15	3984.8731	3795.4431	3992.113	4174.8301	4009.793
t14	3981.5779	3794.2671	4009.793	4212.2178	4081.2009
t13	4021.1001	3752.3379	4081.2009	4271.7432	4096.1958
t12	3940.1079	3770.2871	4096.1958	4275.6782	4081.635
t11	3980.4961	3768.354	4081.635	4214.3418	4080.6721
t10	4045.644	3701.54	4080.6721	4180.7881	4047.4651
t9	4053.0669	3751.604	4047.4651	4216.894	4019.6731
t8	4114.1401	3763.5791	4019.6731	4241.3018	3984.1201
t7	4133.6309	3792.1489	3984.1201	4288.7642	4019.1331
t6	4129.0601	3759.6089	4019.1331	4321.9771	4009.678
t5	4181.0732	3781.761	4009.678	4256.436	3985.0449
t4	4158.8618	3793.2351	3985.0449	4233.9248	4055.197
t3	4216.6812	3752.6741	4055.197	4251.4888	4069.8359
t2	4224.0029	3780.793	4069.8359	4235.2612	4075.917
t1	4219.2949	3779.8359	4075.917	4334.8032	4049.8931
t0	4195.9839	3781.0991	4049.8931	4317.96	3991.54
t-1	4180.7319	3715.0801	3991.54	4326.2051	3955.5769
t-2	4163.981	3687.769	3955.5769	4350.7861	3887.575
t-3	4180.3062	3647.0491	3887.575	4398.3359	3934.8669
t-4	4163.6431	3637.1919	3934.8669	4393.5918	3881.4009
t-5	4170.353	3687.0081	3881.4009	4335.4482	3857.5891
t-6	4155.4912	3735.532	3857.5891	4367.3711	3889.523
t-7	4181.3682	3679.8291	3889.523	4301.8911	3901.7881
t-8	4163.7158	3754.5	3901.7881	4380.6401	3943.897
t-9	4166.2368	3792.2529	3943.897	4441.7241	3880.8159
t-10	4157.3652	3814.0901	3880.8159	4476.7202	3860.155
t-11	4146.5811	3813.842	3860.155	4486.1089	3818.1089
t-12	4159.2769	3833.04	3818.1089	4449.7598	3791.6179
t-13	4139.54	3778.885	3791.6179	4423.2881	3860.4609
t-14	4130.0132	3783.8811	3860.4609	4432.5889	3852.5779
t-15	4149.7988	3857.363	3852.5779	4510.6309	3866.2129
t-16	4154.0669	3805.648	3866.2129	4574.8779	3825.3279
t-17	4166.374	3778.24	3825.3279	4562.77	3840.596
t-18	4134.0361	3783.6279	3840.596	4590.5381	3841.3311
t-19	4215.4439	3705.8101	3841.3311	4580.8462	3717.876
t-20	4166.0718	3763.0339	3717.876	4594.8452	3654.582
t-21	4121.5508	3685.012	3654.582	4546.499	3799.7661
t-22	4105.167	3790.8469	3799.7661	4512.7432	3832.824
t-23	4090.573	3829.96	3832.824	4578.1782	3917.916
t-24	4079.384	3813.0039	3917.916	4546.5708	3919.0649
t-25	4031.7051	3738.6069	3919.0649	4518.9302	3918.6851
t-26	4041.5591	3710.478	3918.6851	4492.2612	3902.5081
t-27	4036.2339	3706.782	3902.5081	4519.9121	3984.8731
t-28	4022.168	3620.6641	3984.8731	4486.6782	3981.5779
t-29	4024.7329	3622.7759	3981.5779	4457.438	4021.1001
t-30	4028.5371	3685.3059	4021.1001	4432.5068	3940.1079

SAHAM	SMGR	TINS	TOTL	UNTR	UNVR
t30	3373.644	3889.971	4577.1528	4398.3359	3986.5149
t29	3417.471	3866.1721	4728.7041	4393.5918	4001.073
t28	3459.9331	3841.731	4777.4522	4335.4482	3978.1279
t27	3487.707	3841.731	4818.895	4367.3711	3954.7549
t26	3496.169	3844.377	4675.749	4301.8911	3909.6931
t25	3480.8259	3847.02	4587.728	4380.6401	3935.3259
t24	3442.501	3880.4641	4418.8721	4441.7241	3909.4971
t23	3409.167	3839.616	4429.46	4476.7202	3909.6399
t22	3487.6101	3842.7481	4515.3721	4486.1089	3938.842
t21	3514.624	4020.9939	4629.9941	4449.7598	3889.072
t20	3501.717	3953.2771	4806.6558	4423.2881	3869.415
t19	3433.906	3960.022	4840.4522	4432.5889	3906.2639
t18	3346.061	3890.5259	4774.5039	4510.6309	3907.4209
t17	3379.543	3869.365	4760.7441	4574.8779	3857.8821
t16	3454.1179	3863.5759	4607.6631	4562.77	3821.9919
t15	3517.2749	3735.1189	4697.8838	4590.5381	3808.772
t14	3548.6489	3850.2661	4609.9482	4580.8462	3769.2141
t13	3535.731	3921.6431	4777.3652	4594.8452	3789.4251
t12	3569.144	4122.0859	4865.3242	4546.499	3797.1509
t11	3564.937	4136.5068	5001.2212	4512.7432	3795.4431
t10	3554.7661	4177.8462	5021.6118	4578.1782	3794.2671
t9	3455.127	4193.4409	4971.354	4546.5708	3752.3379
t8	3478.5491	4130.7998	5068.6279	4518.9302	3770.2871
t7	3631.4529	4145.8272	5129.647	4492.2612	3768.354
t6	3736.2571	4174.1118	5200.6929	4519.9121	3701.54
t5	3783.709	4132.7769	5176.2349	4486.6782	3751.604
t4	3760.061	4087.094	5085.1362	4457.438	3763.5791
t3	3727.5171	4106.8218	5155.0928	4432.5068	3792.1489
t2	3703.512	4068.073	5121.4028	4374.959	3759.6089
t1	3699.217	4050.6321	5207.999	4389.3472	3781.761
t0	3659.9929	4023.417	5188.7588	4418.6431	3793.2351
t-1	3625.2661	4032.9741	5214.9761	4387.604	3752.6741
t-2	3611.531	4023.2019	5145.6831	4345.8989	3780.793
t-3	3620.6841	3997.635	5078.6782	4316.1758	3779.8359
t-4	3637.446	3980.845	5089.8799	4423.7192	3781.0991
t-5	3568.8101	3938.0149	5081.9399	4405.8931	3715.0801
t-6	3581.5649	3995.5869	5054.6279	4406.7671	3687.769
t-7	3571.738	4003.6909	5105.937	4460.4131	3647.0491
t-8	3658.314	3939.4729	5089.335	4562.8569	3637.1919
t-9	3689.666	3908.9561	5042.7891	4583.8281	3687.0081
t-10	3692.2319	3924.127	4991.8711	4670.7329	3735.532
t-11	3747.7141	3953.5171	4925.4829	4463.2539	3679.8291
t-12	3786.0969	3927.0979	4994.0459	4517.6201	3754.5
t-13	3769.9929	3888.5691	5060.919	4522.2388	3792.2529
t-14	3722.3469	3830.273	5034.0708	4375.5391	3814.0901
t-15	3696.26	3813.4251	4999.752	4356.605	3813.842
t-16	3694.5801	3848.5581	4978.5068	4349.419	3833.04
t-17	3619.094	3823.6499	4994.523	4358.1431	3778.885
t-18	3531.2109	3821.832	5011.6069	4191.2578	3783.8811
t-19	3630.636	3794.939	4975.3301	4072.354	3857.363
t-20	3642.5	3729.1221	4996.9229	4050.864	3805.648
t-21	3702.0129	3721.3831	4998.4609	4073.4551	3778.24
t-22	3658.7771	3740.471	5012.6382	4164.0122	3783.6279
t-23	3678.1941	3794.251	4998.6528	4101.2329	3705.8101
t-24	3741.229	3773.273	4894.5918	4195.0889	3763.0339
t-25	3725.0481	3748.7581	4937.21	4103.5928	3685.012
t-26	3677.9041	3787.648	4924.2632	4026.4751	3790.8469
t-27	3674.0271	3806.187	4877.4751	3967.842	3829.96
t-28	3656.4619	3825.821	4899.5869	4120.669	3813.0039
t-29	3665.846	3842.9529	4897.521	4169.8272	3738.6069
t-30	3744.6179	3834.2009	4926.0679	4171.4131	3710.478

Lampiran: 19

Harga Saham Periode Estimasi Perusahaan Dividen Menurun

Saham	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP
t-31	960	12850	4225	1390	2230	3775	880
t-32	980	12800	4225	1390	2240	3725	945
t-33	1020	12800	4175	1380	2240	3925	940
t-34	980	12800	4275	1420	2220	4050	1000
t-35	990	12850	4275	1420	2250	4050	1000
t-36	980	12800	4250	1420	2245	4025	1000
t-37	880	13000	4225	1400	2270	4000	1005
t-38	870	13100	4275	1440	2200	4125	990
t-39	840	13100	4275	1400	2200	4125	1030
t-40	820	13050	4050	1420	2225	4125	1055
t-41	810	13000	4075	1390	2190	4125	1055
t-42	810	13000	4100	1390	2190	4125	1125
t-43	810	12300	4050	1400	2195	4125	1125
t-44	810	12300	4100	1370	2200	4125	1125
t-45	770	12250	4100	1370	2195	4050	1135
t-46	790	12250	4075	1400	2150	4000	1080
t-47	790	12150	4300	1400	2140	4050	1120
t-48	800	12200	4300	1370	2205	4000	1165
t-49	760	12200	4300	1340	2205	4075	1145
t-50	730	12150	4300	1340	2280	4075	1145
t-51	740	12250	4300	1350	2280	4075	1155
t-52	710	11950	4300	1380	2280	4075	1175
t-53	730	12100	4025	1370	2280	4075	1195
t-54	730	12100	3925	1320	2280	4075	1245
t-55	740	12250	3925	1300	2280	3850	1200
t-56	730	12250	3975	1320	2245	3850	1210
t-57	740	12300	4100	1350	2235	3850	1100
t-58	750	12350	4100	1320	2180	3750	1100
t-59	720	12400	4050	1350	2165	3800	1095
t-60	720	12400	4075	1370	2080	3750	1110
t-61	720	12400	4050	1370	2080	3800	1110
t-62	720	12400	4125	1290	2130	3750	1155
t-63	720	12400	4050	1300	2095	3775	1170
t-64	730	12400	3925	1300	2060	3925	1200
t-65	720	12400	3800	1290	2060	3950	1155
t-66	720	12200	3775	1280	2115	3875	1165
t-67	730	12200	3775	1260	2095	3975	1155
t-68	720	12200	3775	1270	2095	3975	1130
t-69	710	12550	3750	1290	2125	4075	1160
t-70	710	12650	3700	1290	2210	4075	1165
t-71	700	12350	3600	1340	2215	4075	1100
t-72	700	12150	3600	1320	2250	4125	1105
t-73	710	12300	3700	1340	2210	4175	1135
t-74	730	12100	3725	1360	2250	4200	1140
t-75	730	12350	3800	1360	2280	4225	1140
t-76	750	12300	3800	1360	2245	4325	1140
t-77	740	12250	3825	1370	2280	4150	1140
t-78	740	12400	3850	1380	2300	4175	1100
t-79	730	12450	3725	1370	2310	4175	1060
t-80	740	12100	3675	1380	2280	4200	1120
t-81	710	12600	3750	1400	2295	4200	1100
t-82	710	12600	3650	1360	2260	4025	1080
t-83	700	12600	3550	1360	2170	4050	1200
t-84	710	12500	3525	1390	2160	4275	1200
t-85	710	12500	3675	1360	2160	4325	1240
t-86	690	12400	3725	1380	2165	4325	1160
t-87	710	12400	3675	1390	2145	4200	1060
t-88	720	12400	3625	1320	2150	4225	1200
t-89	710	12100	3625	1310	2125	4300	1200
t-90	690	12100	3650	1330	2125	4250	1190
t-91	690	12100	3625	1330	2195	4250	1170
t-92	680	12600	3650	1310	2210	3825	1190
t-93	710	12600	3450	1360	2210	3600	1250
t-94	720	12500	3450	1350	2195	3700	1200
t-95	690	12450	3450	1360	2225	3525	1230

Saham	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP
t-96	670	12250	3450	1400	2230	3450	1230
t-97	670	11800	3350	1420	2230	3325	1230
t-98	670	11750	3450	1440	2110	3400	1290
t-99	660	11750	3450	1380	2110	3425	1280
t-100	660	11750	3550	1350	2085	3450	1300
t-101	670	11750	3500	1370	1960	3500	1300
t-102	650	11800	3525	1380	1915	3500	1300
t-103	600	11450	3625	1340	1900	3500	1320
t-104	600	11750	3325	1360	2075	3500	1320
t-105	600	11900	3325	1360	2205	3500	1340
t-106	600	12000	3300	1330	2195	3500	1340
t-107	580	12200	3400	1280	2195	3500	1340
t-108	590	12700	3375	1280	2140	3425	1150
t-109	590	11200	3350	1280	2100	3475	1080
t-110	600	11450	3300	1280	2100	3600	1080
t-111	590	11000	3175	1260	2095	3725	1080
t-112	580	11400	3075	1280	2145	3800	1100
t-113	580	11400	3025	1280	2120	3775	1120
t-114	580	11400	3025	1280	2085	3800	1110
t-115	580	11400	3025	1260	2070	3775	1100
t-116	580	11400	3000	1260	2000	3740	1140
t-117	590	11400	2950	1270	2000	3716.02	1120
t-118	590	11400	2950	1270	1950	3716.02	1170
t-119	590	11100	2950	1270	1950	3716.02	1120
t-120	580	11350	2975	1270	1950	3716.02	1180
t-121	580	11350	2975	1260	1940	3668.08	1210
t-122	580	11300	2950	1260	1945	3692.05	1150
t-123	580	11000	2975	1230	1990	3692.05	1200
t-124	570	11000	2975	1240	1970	3787.95	1200
t-125	540	11000	2950	1230	1935	3716.02	1200
t-126	590	10700	3000	1260	1935	3740	1200
t-127	550	11100	3075	1280	1895	3740	1210
t-128	445	11100	3025	1270	1890	3740	1190
t-129	450	11450	3000	1240	1830	3787.95	1180
t-130	455	11450	3000	1230	1870	3835.9	1180
t-131	450	11450	3025	1230	1850	3835.9	1280
t-132	450	11300	2950	1250	1920	3835.9	1270
t-133	455	11300	2950	1250	1920	3787.95	1340
t-134	460	11500	2975	1250	1990	3859.87	1330
t-135	460	11800	2850	1230	1915	3859.87	1350
t-136	450	12300	2850	1230	1925	3859.87	1350
t-137	460	11900	2850	1230	1900	3859.87	1260
t-138	460	12550	2825	1240	1875	3835.9	1280
t-139	465	13000	2825	1250	1840	3668.08	1350
t-140	460	12500	2925	1250	1840	3668.08	1350
t-141	465	12700	3000	1260	1830	3716.02	1380
t-142	475	12300	3100	1260	1800	3740	1440
t-143	480	11350	3000	1260	1800	3859.87	1440
t-144	480	11400	3025	1260	1835	3955.77	1540
t-145	490	11400	3050	1280	1835	3931.79	1540
t-146	495	11400	3000	1290	1835	3955.77	1560
t-147	495	11400	3000	1280	1845	3859.87	1560
t-148	495	11200	3050	1280	1835	3979.74	1540
t-149	490	11000	3050	1290	1925	3859.87	1550
t-150	500	11000	3075	1280	1960	3787.95	1540
t-151	495	10700	3225	1290	1940	3787.95	1550

Saham	CLPI	GJTL	HMSP	KLBF	LSIP
t-31	2175	2325	31000	1350	2475
t-32	2225	2325	30300	1360	2525
t-33	2050	2350	30100	1390	2450
t-34	1950	2350	30050	1380	2375
t-35	1960	2325	30000	1350	2400
t-36	1890	2350	30150	1360	2375
t-37	1920	2375	29400	1370	2375
t-38	1560	2350	29300	1330	2425
t-39	1460	2375	29000	1330	2425
t-40	1400	2350	29200	1320	2425
t-41	1400	2350	29100	1270	2400
t-42	1380	2375	28750	1260	2400
t-43	1370	2375	28700	1260	2400
t-44	1390	2325	28800	1260	2400
t-45	1250	2300	29000	1230	2350
t-46	1270	2275	28600	1230	2425
t-47	1330	2300	28300	1230	2350
t-48	1160	2300	28000	1210	2375
t-49	1210	2225	28200	1220	2350
t-50	1230	2200	28150	1230	2350
t-51	1220	2125	28050	1230	2325
t-52	1130	2150	28000	1270	2350
t-53	1070	2125	28000	1270	2275
t-54	1030	2150	27950	1250	2350
t-55	1080	2125	28050	1240	2275
t-56	1130	2125	28100	1240	2300
t-57	1060	2175	28250	1290	2275
t-58	900	2225	28250	1260	2300
t-59	810	2250	29200	1240	2200
t-60	760	2175	29100	1190	2225
t-61	800	2175	29400	1240	2225
t-62	800	2200	29100	1260	2225
t-63	790	2150	29000	1260	2300
t-64	780	2150	29000	1270	2200
t-65	780	2025	29150	1230	2275
t-66	720	2050	28950	1230	2275
t-67	630	2050	28900	1270	2375
t-68	600	2050	29000	1330	2350
t-69	610	2025	28800	1290	2400
t-70	590	2050	28600	1330	2375
t-71	500	2050	28600	1320	2350
t-72	510	2075	28500	1280	2275
t-73	485	2075	28800	1280	2250
t-74	440	2175	28700	1300	2225
t-75	430	2150	28000	1260	2150
t-76	430	2200	27950	1290	2150
t-77	420	2200	28000	1270	10500
t-78	385	2200	27900	1230	10800
t-79	385	2175	27900	1210	10900
t-80	385	2200	27850	1150	11000
t-81	385	2150	27750	1150	10950
t-82	380	2150	27800	1120	10550
t-83	380	2125	27800	1110	10900
t-84	380	2175	27900	1120	11100
t-85	390	2200	27950	1130	10900
t-86	395	2175	28000	1130	10950
t-87	405	2200	28000	1140	11150
t-88	405	2200	28000	1120	11400
t-89	415	2275	28000	1090	11400
t-90	405	2275	28000	1090	11800
t-91	390	2275	28000	1120	11800

Saham	CLPI	GJTL	HMSP	KLBF	LSIP
t-92	390	2300	28000	1120	11700
t-93	385	2225	28000	1130	11800
t-94	375	2125	28000	1100	11700
t-95	370	2150	28000	1090	12000
t-96	365	2150	28350	1090	11950
t-97	380	2225	28350	1120	12000
t-98	380	2200	28150	1090	11200
t-99	345	2225	28400	1060	11300
t-100	350	2275	28350	1060	11700
t-101	355	2250	28250	1060	12150
t-102	355	2300	28300	1060	12000
t-103	375	2125	28600	1040	12050
t-104	420	2150	28550	1040	12350
t-105	450	2225	30750	1040	12050
t-106	430	2300	26500	1000	12050
t-107	400	2325	26200	1010	11550
t-108	375	2325	26100	1010	11500
t-109	365	2350	25900	1020	12000
t-110	380	2300	26100	1000	12300
t-111	340	2325	26400	1000	12550
t-112	335	2300	26400	1030	12600
t-113	340	2300	25950	1020	12700
t-114	345	2350	25950	1030	12850
t-115	330	2375	25950	1040	12500
t-116	330	2375	25400	1070	12350
t-117	325	2200	25500	1040	12000
t-118	330	2225	25350	1030	11850
t-119	325	2200	25350	1030	11850
t-120	325	2250	25100	1060	11850
t-121	330	2250	25350	1030	11700
t-122	320	2325	25400	1030	11450
t-123	325	2300	25400	1040	11100
t-124	315	2300	25450	1040	11600
t-125	315	2350	25400	1040	12000
t-126	320	2325	25350	1010	12050
t-127	320	2375	25400	1020	12000
t-128	320	2450	25400	1030	12200
t-129	320	2400	25700	1070	12250
t-130	325	2300	25750	1120	11950
t-131	330	2375	25400	1130	12100
t-132	315	2400	25750	1110	12100
t-133	315	2425	25700	1110	11950
t-134	325	2400	25800	1040	12000
t-135	320	2500	25450	1040	11700
t-136	325	2500	25250	1040	11350
t-137	320	2500	25300	1040	11600
t-138	315	2500	25700	1040	11700
t-139	320	2575	25250	1010	11750
t-140	320	2575	25350	1030	11300
t-141	325	2575	25500	1020	11400
t-142	320	2625	25500	1030	11800
t-143	315	2650	25550	1010	11700
t-144	325	2575	25600	1020	11550
t-145	330	2550	25650	1010	11700
t-146	330	2450	25350	1020	11700
t-147	315	2500	25500	990	12300
t-148	320	2450	25600	980	12450
t-149	330	2475	25450	980	12700
t-150	335	2425	25400	980	12650
t-151	335	2325	25900	980	12500

Saham	MPPA	PGAS	RUIS	SCMA	SGRO
t-31	920	2825	255	2375	2625
t-32	920	2675	250	2400	2700
t-33	910	2750	250	2425	2850
t-34	920	2675	250	2425	2850
t-35	920	2725	275	2500	3050
t-36	930	2750	275	2525	3050
t-37	940	2625	315	2500	3050
t-38	920	2525	310	2500	3100
t-39	920	2550	310	2550	3150
t-40	920	2575	315	2550	3175
t-41	930	2500	305	2550	3200
t-42	930	2525	305	2500	3200
t-43	950	2525	315	2525	3225
t-44	930	2675	325	2525	3150
t-45	910	2775	310	2600	3225
t-46	910	2775	250	2550	3300
t-47	930	2650	250	2475	3350
t-48	940	2350	250	2550	3250
t-49	950	2350	245	2625	3275
t-50	930	2200	245	2500	3300
t-51	930	2525	250	2525	3375
t-52	920	2600	250	2475	3400
t-53	930	2575	250	2450	3450
t-54	930	2675	250	2400	3475
t-55	930	2725	250	2400	3475
t-56	930	2725	250	2500	3475
t-57	920	2800	255	2500	3450
t-58	940	2800	245	2675	3450
t-59	940	2900	230	2675	3500
t-60	930	2925	235	2500	3525
t-61	930	2925	235	2600	3525
t-62	930	2750	240	2500	3575
t-63	930	2775	240	2400	3625
t-64	910	2950	235	2600	3650
t-65	920	3000	250	2700	3625
t-66	920	3100	250	2575	3625
t-67	920	3225	250	2700	3550
t-68	930	3225	245	2600	3600
t-69	930	3300	245	2675	3600
t-70	930	3425	250	2825	3575
t-71	930	3325	250	2900	3600
t-72	930	3375	255	2850	3575
t-73	940	3375	255	2900	3500
t-74	950	3375	250	2975	3500
t-75	950	3325	250	2900	3500
t-76	950	3200	255	2900	3500
t-77	940	3275	255	2900	3550
t-78	940	3175	255	2900	3525
t-79	930	3600	255	2900	3475
t-80	950	3825	255	2900	3425
t-81	930	4000	250	2800	3475
t-82	930	4000	250	2675	3475
t-83	940	3975	245	2525	3475
t-84	930	3975	245	2725	3475
t-85	920	3975	245	2800	3475
t-86	910	4000	245	2800	3450
t-87	920	4000	255	2800	3375
t-88	920	4025	255	2800	3375
t-89	910	3975	255	2775	3450
t-90	910	3925	255	2750	3450
t-91	910	3975	255	2725	3450

Saham	MPPA	PGAS	RUIS	SCMA	SGRO
t-92	910	3975	255	2775	3475
t-93	930	3975	265	2550	3500
t-94	930	3950	265	2475	3425
t-95	910	3950	260	2575	3450
t-96	920	3900	260	2475	3475
t-97	920	3975	265	2475	3475
t-98	910	3975	260	2400	3475
t-99	920	4000	265	2450	3475
t-100	920	3975	270	2650	3475
t-101	940	4025	270	2675	3475
t-102	920	4050	265	2675	3425
t-103	920	4025	270	2775	3350
t-104	920	4000	265	2675	3350
t-105	920	3975	270	2725	3350
t-106	930	4025	270	2575	3375
t-107	940	4000	275	2325	3300
t-108	940	4000	260	2375	3325
t-109	940	4025	250	2375	3325
t-110	970	4000	240	2475	3250
t-111	960	4000	240	2650	3275
t-112	940	3950	245	2800	3175
t-113	950	4000	245	2825	3150
t-114	950	3975	250	2850	3100
t-115	960	3950	240	2825	3150
t-116	950	3950	245	2625	3175
t-117	950	3950	245	2750	3125
t-118	950	3975	245	2700	3150
t-119	950	4000	245	2775	3150
t-120	950	3975	245	2875	3150
t-121	950	4075	235	2900	3175
t-122	940	4050	230	2900	3175
t-123	910	4050	230	2925	3225
t-124	930	4050	225	2825	3175
t-125	940	4050	230	2900	3225
t-126	930	4025	235	2925	3225
t-127	940	4000	240	3000	3225
t-128	920	3975	245	3000	3275
t-129	950	3900	240	2925	3150
t-130	960	4000	250	3000	3025
t-131	990	3975	245	2950	3050
t-132	980	3975	220	2950	3050
t-133	990	4025	220	2850	2975
t-134	970	4050	220	2925	2975
t-135	900	4125	215	2950	2975
t-136	900	4175	215	2925	2975
t-137	900	4150	215	2925	2975
t-138	890	4200	215	2900	2950
t-139	900	4225	220	2925	3000
t-140	900	4250	220	2875	3000
t-141	920	4150	230	2800	3000
t-142	900	4125	220	2800	3000
t-143	900	4100	220	2725	2950
t-144	900	4000	220	2700	2925
t-145	890	3975	225	2700	2975
t-146	890	4000	230	2700	2975
t-147	890	3975	225	2700	2975
t-148	910	3925	225	2800	2950
t-149	890	3925	225	2800	3000
t-150	870	4000	225	2800	3000
t-151	930	3900	225	2800	3025

Saham	SMGR	TINS	TOTL	UNTR	UNVR
t-31	9500	1870	980	14400	16200
t-32	9400	1870	1000	14400	16150
t-33	9200	1870	990	15650	15950
t-34	9300	1830	1030	17050	15650
t-35	9500	1840	1030	17600	15700
t-36	9550	1840	1000	18600	15700
t-37	9550	1840	1030	18450	15450
t-38	9800	1850.01	1030	18300	15700
t-39	9800	1859.99	1050	17000	15850
t-40	9800	1880	1030	17000	16000
t-41	9800	1910	1020	17000	15550
t-42	9850	1920	1050	17000	15600
t-43	9900	1890	1070	17000	15900
t-44	9800	1890	1110	17000	16050
t-45	9800	1890	1080	17100	15850
t-46	9850	1870	1050	16800	15750
t-47	9950	1859.99	1060	16900	16100
t-48	9900	1890	1020	16500	16500
t-49	10000	1920	1050	16400	15700
t-50	10050	1940.01	1090	16150	15600
t-51	9850	1940.01	1060	16300	15600
t-52	9750	1970	1090	16900	15200
t-53	9750	1940.01	1080	16250	15350
t-54	9900	1920	1060	17100	15000
t-55	10050	1970	1030	16500	15800
t-56	9950	2000	1070	16550	16050
t-57	9950	2025	1110	16800	16050
t-58	10150	1970	1110	17200	16850
t-59	9900	1930	1090	17000	16700
t-60	9900	1930	1100	16550	17100
t-61	9800	1890	1090	16700	17050
t-62	9600	1940.01	1120	16000	17000
t-63	9550	1930	1120	16000	17550
t-64	9500	1940.01	1120	17300	17550
t-65	9450	1920	1070	17500	17400
t-66	9500	1970	1060	16000	17000
t-67	9600	1980	1010	17800	16750
t-68	9600	1900.01	1020	17850	16900
t-69	9600	1910	1030	18200	16150
t-70	9150	1900.01	1010	17200	16450
t-71	9450	1900.01	1000	17400	16800
t-72	8850	1870	1000	16700	16650
t-73	8950	1880	1000	16700	16550
t-74	9000	1870	990	16700	17350
t-75	8900	1890	990	17950	16800
t-76	8800	1800	1000	17800	16750
t-77	8700	1769.99	1000	17100	16400
t-78	8700	1780	1020	17150	16400
t-79	8800	1780	1020	16900	15800
t-80	8850	1780	1030	16050	15000
t-81	8750	1769.99	1030	16350	16000
t-82	8750	1740	1020	15550	16250
t-83	8850	1730	980	16550	17000
t-84	8900	1710	980	17500	16100
t-85	8950	1730	960	16600	16000
t-86	8800	1730	960	16600	15900
t-87	8900	1740	950	16600	15600
t-88	8900	1690	980	16050	15750
t-89	8900	1660	970	16300	15250
t-90	8800	1660	950	16550	15000
t-91	8700	1679.99	950	17200	14950

Saham	SMGR	TINS	TOTL	UNTR	UNVR
t-92	8650	1700	920	17150	15050
t-93	8650	1690	870	16600	15000
t-94	8700	1679.99	860	17300	14950
t-95	8600	1670.01	860	17200	14900
t-96	8750	1670.01	850	17550	14950
t-97	9100	1660	830	17250	15000
t-98	9250	1660	830	16950	14850
t-99	9250	1670.01	870	16500	14750
t-100	9250	1670.01	890	16450	14800
t-101	9050	1670.01	890	16750	15100
t-102	9050	1670.01	900	17000	15000
t-103	9200	1650	890	17150	14750
t-104	9050	1679.99	880	17200	14850
t-105	9100	1710	890	17350	14800
t-106	9150	1710	890	17350	14950
t-107	9300	1720.01	890	17200	14900
t-108	9400	1710	890	17650	14900
t-109	9500	1710	920	17400	15150
t-110	9050	1700	930	17850	15200
t-111	9100	1720.01	950	18150	15000
t-112	9150	1720.01	940	17750	15000
t-113	9100	1720.01	930	17800	14850
t-114	9150	1730	950	17750	14750
t-115	9100	1760.01	940	18450	14800
t-116	9100	1730	940	18450	14800
t-117	9000	1730	980	17900	14850
t-118	8850	1740	980	17900	14800
t-119	8800	1720.01	960	17900	14600
t-120	8750	1710	920	18150	14700
t-121	8550	1720.01	900	18350	14700
t-122	8600	1730	900	18400	14800
t-123	8500	1769.99	900	18550	14950
t-124	8350	1760.01	870	18750	14900
t-125	8500	1820	880	18650	14950
t-126	8750	1830	880	18450	14800
t-127	8850	1859.99	800	18550	14700
t-128	9000	1859.99	800	18750	14850
t-129	8600	1900.01	780	18700	14850
t-130	8500	1890	800	19200	14850
t-131	8400	1890	800	18650	14800
t-132	8600	1949.99	810	18650	14800
t-133	8600	1930	810	18650	14850
t-134	8300	1940.01	810	18200	15000
t-135	8250	1960	820	18200	14950
t-136	8200	1920	800	18150	14900
t-137	8150	1980	780	17500	14800
t-138	8350	1910	790	17350	14900
t-139	8350	1990.01	750	17300	14900
t-140	8150	2025	720	18350	15000
t-141	8300	1980	710	18650	14900
t-142	8450	1890	720	19000	14950
t-143	8300	1880	720	19000	14950
t-144	8900	1870	690	19200	15000
t-145	7700	1830	640	19400	15000
t-146	7950	1830	640	19700	15200
t-147	7850	1859.99	640	20250	15300
t-148	8000	1830	640	19700	15300
t-149	7950	1920	650	20250	15300
t-150	8150	1840	660	20250	15250
t-151	8100	1820	650	19450	15250

Lampiran: 20

IHSG Periode Estimasi Perusahaan Dividen Menurun

SAHAM	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP
t-31	4181.368	4159.277	4155.491	4894.592	5184.479	4218.448	4921.404
t-32	4163.716	4139.54	4181.368	4937.21	5165.247	4174.983	4921.404
t-33	4166.237	4130.013	4163.716	4924.263	5146.552	4313.518	4921.039
t-34	4157.365	4149.799	4166.237	4877.475	5184.956	4568.654	4857.944
t-35	4146.581	4154.067	4157.365	4899.587	5198.896	4685.129	4891.32
t-36	4159.277	4166.374	4146.581	4897.521	5206.136	4699.733	4870.205
t-37	4139.54	4134.036	4159.277	4926.068	5190.167	4652.397	4873.934
t-38	4130.013	4215.444	4139.54	4922.611	5165.168	4597.78	4768.277
t-39	4149.799	4166.072	4130.013	4981.466	5156.751	4718.103	4723.057
t-40	4154.067	4121.551	4149.799	4957.251	5148.962	4640.781	4728.24
t-41	4166.374	4105.167	4154.067	4937.575	5155.547	4624.336	4703.091
t-42	4134.036	4090.573	4166.374	4940.986	5168.269	4610.377	4720.42
t-43	4215.444	4079.384	4134.036	4928.102	5132.395	4608.489	4700.215
t-44	4166.072	4031.705	4215.444	4842.519	5113.236	4580.467	4698.973
t-45	4121.551	4041.559	4166.072	4777.901	5053.76	4658.874	4821.457
t-46	4105.167	4036.234	4121.551	4723.159	5066.978	4674.117	4805.612
t-47	4090.573	4022.168	4105.167	4802.666	5058.227	4718.103	4876.188
t-48	4079.384	4024.733	4090.573	4831.5	5109.087	4767.159	4878.643
t-49	4031.705	4028.537	4079.384	4822.627	5119.245	4678.983	4726.167
t-50	4041.559	4039.98	4031.705	4802.826	5088.802	4724.411	4684.385
t-51	4036.234	4054.326	4041.559	4819.324	5098.641	4720.435	4704.214
t-52	4022.168	4008.642	4036.234	4786.367	5093.23	4679.001	4677.246
t-53	4024.733	3987.346	4022.168	4835.439	5083.521	4644.039	4685.89
t-54	4028.537	3991.544	4024.733	4854.312	5127.123	4635.729	4687.857
t-55	4039.98	3967.669	4028.537	4874.495	5087.014	4633.108	4659.172
t-56	4054.326	3942.517	4039.98	4848.3	5071.202	4478.644	4601.284
t-57	4008.642	3967.076	4054.326	4824.68	5113.93	4403.8	4584.205
t-58	3987.346	3984.897	4008.642	4751.701	5070.821	4433.625	4620.216
t-59	3991.544	4004.868	3987.346	4811.613	5021.063	4602.807	4568.94
t-60	3967.669	3962.286	3991.544	4795.789	5032.599	4581.933	4532.72
t-61	3942.517	3985.21	3967.669	4716.415	5098.01	4577.153	4577.291
t-62	3967.076	3903.557	3942.517	4663.031	5024.712	4728.704	4623.574
t-63	3984.897	3861.016	3967.076	4696.107	4989.031	4777.452	4646.153
t-64	4004.868	3894.562	3984.897	4651.123	4905.825	4818.895	4598.221
t-65	3962.286	3958.809	4004.868	4632.404	4888.735	4675.749	4592.651
t-66	3985.21	3995.024	3962.286	4634.451	4908.274	4587.728	4556.191
t-67	3903.557	4002.951	3985.21	4626.99	4884.825	4418.872	4555.368
t-68	3861.016	3976.542	3903.557	4612.05	4878.582	4429.46	4508.044
t-69	3894.562	3927.608	3861.016	4609.786	4845.134	4515.372	4491.66
t-70	3958.809	3953.045	3894.562	4571.568	4872.42	4629.994	4496.286
t-71	3995.024	3952.817	3958.809	4548.243	4838.982	4806.656	4470.19
t-72	4002.951	3961.902	3995.024	4503.247	4862.24	4840.452	4450.748
t-73	3976.542	3912.393	4002.951	4491.267	4842.129	4774.504	4466.665
t-74	3927.608	3978.988	3976.542	4503.148	4847.701	4760.744	4424.709
t-75	3953.045	3988.699	3927.608	4498.976	4864.273	4607.663	4384.31
t-76	3952.817	3955.452	3953.045	4479.441	4887.86	4697.884	4352.256
t-77	3961.902	3974.788	3952.817	4490.565	4909.517	4609.948	4386.259
t-78	3912.393	4015.949	3961.902	4481.634	4885.459	4777.365	4418.757
t-79	3978.988	4016.902	3912.393	4453.703	4926.663	4865.324	4417.349
t-80	3988.699	3964.976	3978.988	4452.975	4934.407	5001.221	4341.651
t-81	3955.452	3941.693	3988.699	4439.03	4971.946	5021.612	4322.78
t-82	3974.788	3915.16	3955.452	4416.937	4946.09	4971.354	4437.343
t-83	4015.949	3986.41	3974.788	4437.598	4885.083	5068.628	4496.042
t-84	4016.902	3983.434	4015.949	4418.727	4937.176	5129.647	4477.489
t-85	3964.976	3963.605	4016.902	4416.548	4935.564	5200.693	4452.499
t-86	3941.693	3994.583	3964.976	4439.974	4932.564	5176.235	4431.572
t-87	3915.16	3986.515	3941.693	4465.484	4942.157	5085.136	4412.228
t-88	3986.41	4001.073	3915.16	4398.383	4912.091	5155.093	4412.489

SAHAM	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP
t-89	3983.434	3978.128	3986.41	4410.964	4893.908	5121.403	4441.594
t-90	3963.605	3954.755	3983.434	4400.824	4985.578	5207.999	4390.771
t-91	3994.583	3909.693	3963.605	4382.498	4963.925	5188.759	4254.971
t-92	3986.515	3935.326	3994.583	4305.912	4973.057	5214.976	4201.218
t-93	4001.073	3909.497	3986.515	4317.365	4969.882	5145.683	4200.593
t-94	3978.128	3909.64	4001.073	4362.928	4910.292	5078.678	4175.806
t-95	3954.755	3938.842	3978.128	4392.379	4895.955	5089.88	4202.809
t-96	3909.693	3889.072	3954.755	4410.02	5014.996	5081.94	4257.663
t-97	3935.326	3869.415	3909.693	4399.258	5031.571	5054.628	4327.265
t-98	3909.497	3906.264	3935.326	4346.475	4991.636	5105.937	4274.177
t-99	3909.64	3907.421	3909.497	4316.687	4921.394	5089.335	4212.98
t-100	3938.842	3857.882	3909.64	4281.861	4912.998	5042.789	4202.834
t-101	3889.072	3821.992	3938.842	4275.094	4898.138	4991.871	4189.608
t-102	3869.415	3808.772	3889.072	4250.214	4860.889	4925.483	4195.556
t-103	3906.264	3769.214	3869.415	4254.816	4862.069	4994.046	4231.98
t-104	3907.421	3789.425	3906.264	4275.859	4834.468	5060.919	4196.282
t-105	3857.882	3797.151	3907.421	4301.436	4842.503	5034.071	4182.346
t-106	3821.992	3795.443	3857.882	4315.857	4838.76	4999.752	4125.956
t-107	3808.772	3794.267	3821.992	4308.863	4840.146	4978.507	4174.83
t-108	3769.214	3752.338	3808.772	4320.189	4819.681	4994.523	4212.218
t-109	3789.425	3770.287	3769.214	4337.528	4818.758	5011.607	4271.743
t-110	3797.151	3768.354	3789.425	4317.918	4897.643	4975.33	4275.678
t-111	3795.443	3701.54	3797.151	4302.609	4891.079	4996.923	4214.342
t-112	3794.267	3751.604	3795.443	4290.796	4893.148	4998.461	4180.788
t-113	3752.338	3763.579	3794.267	4292.605	4898.206	5012.638	4216.894
t-114	3770.287	3792.149	3752.338	4286.84	4892.288	4998.653	4241.302
t-115	3768.354	3759.609	3770.287	4269.652	4897.052	4894.592	4288.764
t-116	3701.54	3781.761	3768.354	4302.444	4873.011	4937.21	4321.977
t-117	3751.604	3793.235	3701.54	4276.141	4870.215	4924.263	4256.436
t-118	3763.579	3752.674	3751.604	4319.086	4864.884	4877.475	4233.925
t-119	3792.149	3780.793	3763.579	4304.823	4816.576	4899.587	4251.489
t-120	3759.609	3779.836	3792.149	4337.509	4765.729	4897.521	4235.261
t-121	3781.761	3781.099	3759.609	4375.169	4921.404	4926.068	4334.803
t-122	3793.235	3715.08	3781.761	4348.808	4921.404	4922.611	4317.96
t-123	3752.674	3687.769	3793.235	4335.927	4921.039	4981.466	4326.205
t-124	3780.793	3647.049	3752.674	4317.277	4857.944	4957.251	4350.786
t-125	3779.836	3637.192	3780.793	4312.366	4891.32	4937.575	4398.336
t-126	3781.099	3687.008	3779.836	4313.439	4870.205	4940.986	4393.592
t-127	3715.08	3735.532	3781.099	4351.284	4873.934	4928.102	4335.448
t-128	3687.769	3679.829	3715.08	4332.084	4768.277	4842.519	4367.371
t-129	3647.049	3754.5	3687.769	4318.591	4723.057	4777.901	4301.891
t-130	3637.192	3792.253	3647.049	4333.64	4728.24	4723.159	4380.64
t-131	3687.008	3814.09	3637.192	4327.868	4703.091	4802.666	4441.724
t-132	3735.532	3813.842	3687.008	4350.424	4720.42	4831.5	4476.72
t-133	3679.829	3833.04	3735.532	4314.265	4700.215	4822.627	4486.109
t-134	3754.5	3778.885	3679.829	4302.939	4698.973	4802.826	4449.76
t-135	3792.253	3783.881	3754.5	4338.892	4821.457	4819.324	4423.288
t-136	3814.09	3857.363	3792.253	4335.362	4805.612	4786.367	4432.589
t-137	3813.842	3805.648	3814.09	4350.291	4876.188	4835.439	4510.631
t-138	3833.04	3778.24	3813.842	4364.598	4878.643	4854.312	4574.878
t-139	3778.885	3783.628	3833.04	4331.365	4726.167	4874.495	4562.77
t-140	3783.881	3705.81	3778.885	4339.153	4684.385	4848.3	4590.538
t-141	3857.363	3763.034	3783.881	4335.375	4704.214	4824.68	4580.846
t-142	3805.648	3685.012	3857.363	4330.145	4677.246	4751.701	4594.845
t-143	3778.24	3790.847	3805.648	4341.377	4685.89	4811.613	4546.499
t-144	3783.628	3829.96	3778.24	4331.254	4687.857	4795.789	4512.743
t-145	3705.81	3813.004	3783.628	4356.966	4659.172	4716.415	4578.178
t-146	3763.034	3738.607	3705.81	4337.526	4601.284	4663.031	4546.571
t-147	3685.012	3710.478	3763.034	4329.076	4584.205	4696.107	4518.93
t-148	3790.847	3706.782	3685.012	4313.522	4620.216	4651.123	4492.261
t-149	3829.96	3620.664	3790.847	4311.391	4568.94	4632.404	4519.912
t-150	3813.004	3622.776	3829.96	4284.967	4532.72	4634.451	4486.678
t-151	3738.607	3685.306	3813.004	4280.01	4577.291	4626.99	4457.438

SAHAM	CLPI	GJTL	HMSP	KLBF	LSIP
t-31	3953.517	3804.931	4087.094	5034.071	3813.868
t-32	3927.098	3774.871	4106.822	4999.752	3849.3
t-33	3888.569	3788.54	4068.073	4978.507	3819.618
t-34	3830.273	3801.081	4050.632	4994.523	3808.929
t-35	3813.425	3794.762	4023.417	5011.607	3804.931
t-36	3848.558	3732.65	4032.974	4975.33	3774.871
t-37	3823.65	3727.073	4023.202	4996.923	3788.54
t-38	3821.832	3730.512	3997.635	4998.461	3801.081
t-39	3794.939	3707.979	3980.845	5012.638	3794.762
t-40	3729.122	3734.413	3938.015	4998.653	3732.65
t-41	3721.383	3719.233	3995.587	4894.592	3727.073
t-42	3740.471	3745.838	4003.691	4937.21	3730.512
t-43	3794.251	3741.811	3939.473	4924.263	3707.979
t-44	3773.273	3730.583	3908.956	4877.475	3734.413
t-45	3748.758	3727.798	3924.127	4899.587	3719.233
t-46	3787.648	3685.936	3953.517	4897.521	3745.838
t-47	3806.187	3700.047	3927.098	4926.068	3741.811
t-48	3825.821	3707.487	3888.569	4922.611	3730.583
t-49	3842.953	3678.674	3830.273	4981.466	3727.798
t-50	3834.201	3640.978	3813.425	4957.251	3685.936
t-51	3844.02	3591.515	3848.558	4937.575	3700.047
t-52	3837.761	3602.859	3823.65	4940.986	3707.487
t-53	3836.967	3607.113	3821.832	4928.102	3678.674
t-54	3826.137	3611.641	3794.939	4842.519	3640.978
t-55	3832.43	3556.231	3729.122	4777.901	3591.515
t-56	3814.816	3517.721	3721.383	4723.159	3602.859
t-57	3780.162	3518.846	3740.471	4802.666	3607.113
t-58	3785.943	3494.07	3794.251	4831.5	3611.641
t-59	3778.454	3484.21	3773.273	4822.627	3556.231
t-60	3872.953	3531.477	3748.758	4802.826	3517.721
t-61	3859.81	3524.483	3787.648	4819.324	3518.846
t-62	3840.209	3569.839	3806.187	4786.367	3494.07
t-63	3799.226	3542.228	3825.821	4835.439	3484.21
t-64	3832.021	3587.648	3842.953	4854.312	3531.477
t-65	3808.71	3598.675	3834.201	4874.495	3524.483
t-66	3838.142	3580.314	3844.02	4848.3	3569.839
t-67	3800.52	3561.717	3837.761	4824.68	3542.228
t-68	3785.45	3542.903	3836.967	4751.701	3587.648
t-69	3798.554	3494.539	3826.137	4811.613	3598.675
t-70	3816.272	3486.197	3832.43	4795.789	3580.314
t-71	3814.928	3512.617	3814.816	4716.415	3561.717
t-72	3813.868	3470.348	3780.162	4663.031	3542.903
t-73	3849.3	3443.53	3785.943	4696.107	3494.539
t-74	3819.618	3439.132	3778.454	4651.123	3486.197
t-75	3808.929	3474.123	3872.953	4632.404	3512.617
t-76	3804.931	3451.1	3859.81	4634.451	3470.348
t-77	3774.871	3497.643	3840.209	4626.99	3443.53
t-78	3788.54	3501.497	3799.226	4612.05	3439.132
t-79	3801.081	3434.38	3832.021	4609.786	3474.123
t-80	3794.762	3416.785	3808.71	4571.568	3451.1
t-81	3732.65	3416.767	3838.142	4548.243	3497.643
t-82	3727.073	3391.766	3800.52	4503.247	3501.497
t-83	3730.512	3373.644	3785.45	4491.267	3434.38
t-84	3707.979	3417.471	3798.554	4503.148	3416.785
t-85	3734.413	3459.933	3816.272	4498.976	3416.767
t-86	3719.233	3487.707	3814.928	4479.441	3391.766
t-87	3745.838	3496.169	3813.868	4490.565	3373.644
t-88	3741.811	3480.826	3849.3	4481.634	3417.471
t-89	3730.583	3442.501	3819.618	4453.703	3459.933
t-90	3727.798	3409.167	3808.929	4452.975	3487.707
t-91	3685.936	3487.61	3804.931	4439.03	3496.169
t-92	3700.047	3514.624	3774.871	4416.937	3480.826
t-93	3707.487	3501.717	3788.54	4437.598	3442.501

SAHAM	CLPI	GJTL	HMSP	KLBF	LSIP
t-94	3678.674	3433.906	3801.081	4418.727	3409.167
t-95	3640.978	3346.061	3794.762	4416.548	3487.61
t-96	3591.515	3379.543	3732.65	4439.974	3514.624
t-97	3602.859	3454.118	3727.073	4465.484	3501.717
t-98	3607.113	3517.275	3730.512	4398.383	3433.906
t-99	3611.641	3548.649	3707.979	4410.964	3346.061
t-100	3556.231	3535.731	3734.413	4400.824	3379.543
t-101	3517.721	3569.144	3719.233	4382.498	3454.118
t-102	3518.846	3564.937	3745.838	4305.912	3517.275
t-103	3494.07	3554.766	3741.811	4317.365	3548.649
t-104	3484.21	3455.127	3730.583	4362.928	3535.731
t-105	3531.477	3478.549	3727.798	4392.379	3569.144
t-106	3524.483	3631.453	3685.936	4410.02	3564.937
t-107	3569.839	3736.257	3700.047	4399.258	3554.766
t-108	3542.228	3783.709	3707.487	4346.475	3455.127
t-109	3587.648	3760.061	3678.674	4316.687	3478.549
t-110	3598.675	3727.517	3640.978	4281.861	3631.453
t-111	3580.314	3703.512	3591.515	4275.094	3736.257
t-112	3561.717	3699.217	3602.859	4250.214	3783.709
t-113	3542.903	3659.993	3607.113	4254.816	3760.061
t-114	3494.539	3625.266	3611.641	4275.859	3727.517
t-115	3486.197	3611.531	3556.231	4301.436	3703.512
t-116	3512.617	3620.684	3517.721	4315.857	3699.217
t-117	3470.348	3637.446	3518.846	4308.863	3659.993
t-118	3443.53	3568.81	3494.07	4320.189	3625.266
t-119	3439.132	3581.565	3484.21	4337.528	3611.531
t-120	3474.123	3571.738	3531.477	4317.918	3620.684
t-121	3451.1	3658.314	3524.483	4302.609	3637.446
t-122	3497.643	3689.666	3569.839	4290.796	3568.81
t-123	3501.497	3692.232	3542.228	4292.605	3581.565
t-124	3434.38	3747.714	3587.648	4286.84	3571.738
t-125	3416.785	3786.097	3598.675	4269.652	3658.314
t-126	3416.767	3769.993	3580.314	4302.444	3689.666
t-127	3391.766	3722.347	3561.717	4276.141	3692.232
t-128	3373.644	3696.26	3542.903	4319.086	3747.714
t-129	3417.471	3694.58	3494.539	4304.823	3786.097
t-130	3459.933	3619.094	3486.197	4337.509	3769.993
t-131	3487.707	3531.211	3512.617	4375.169	3722.347
t-132	3496.169	3630.636	3470.348	4348.808	3696.26
t-133	3480.826	3642.5	3443.53	4335.927	3694.58
t-134	3442.501	3702.013	3439.132	4317.277	3619.094
t-135	3409.167	3658.777	3474.123	4312.366	3531.211
t-136	3487.61	3678.194	3451.1	4313.439	3630.636
t-137	3514.624	3741.229	3497.643	4351.284	3642.5
t-138	3501.717	3725.048	3501.497	4332.084	3702.013
t-139	3433.906	3677.904	3434.38	4318.591	3658.777
t-140	3346.061	3674.027	3416.785	4333.64	3678.194
t-141	3379.543	3656.462	3416.767	4327.868	3741.229
t-142	3454.118	3665.846	3391.766	4350.424	3725.048
t-143	3517.275	3744.618	3373.644	4314.265	3677.904
t-144	3548.649	3756.967	3417.471	4302.939	3674.027
t-145	3535.731	3737.484	3459.933	4338.892	3656.462
t-146	3569.144	3699.263	3487.707	4335.362	3665.846
t-147	3564.937	3655.305	3496.169	4350.291	3744.618
t-148	3554.766	3629.046	3480.826	4364.598	3756.967
t-149	3455.127	3605.673	3442.501	4331.365	3737.484
t-150	3478.549	3625.488	3409.167	4339.153	3699.263
t-151	3631.453	3645.147	3487.61	4335.375	3655.305

SAHAM	MPPA	PGAS	RUIS	SCMA	SGRO
t-31	4039.98	3622.027	3940.108	4374.959	3980.496
t-32	4054.326	3729.015	3980.496	4389.347	4045.644
t-33	4008.642	3664.68	4045.644	4418.643	4053.067
t-34	3987.346	3675.384	4053.067	4387.604	4114.14
t-35	3991.544	3635.931	4114.14	4345.899	4133.631
t-36	3967.669	3531.753	4133.631	4316.176	4129.06
t-37	3942.517	3451.084	4129.06	4423.719	4181.073
t-38	3967.076	3425.684	4181.073	4405.893	4158.862
t-39	3984.897	3443.106	4158.862	4406.767	4216.681
t-40	4004.868	3293.239	4216.681	4460.413	4224.003
t-41	3962.286	3269.451	4224.003	4562.857	4219.295
t-42	3985.21	3348.708	4219.295	4583.828	4195.984
t-43	3903.557	3549.032	4195.984	4670.733	4180.732
t-44	3861.016	3537.178	4180.732	4463.254	4163.981
t-45	3894.562	3513.166	4163.981	4517.62	4180.306
t-46	3958.809	3473.938	4180.306	4522.239	4163.643
t-47	3995.024	3316.137	4163.643	4375.539	4170.353
t-48	4002.951	3426.346	4170.353	4356.605	4155.491
t-49	3976.542	3369.143	4155.491	4349.419	4181.368
t-50	3927.608	3697.494	4181.368	4358.143	4163.716
t-51	3953.045	3752.11	4163.716	4191.258	4166.237
t-52	3952.817	3755.052	4166.237	4072.354	4157.365
t-53	3961.902	3835.181	4157.365	4050.864	4146.581
t-54	3912.393	3774.334	4146.581	4073.455	4159.277
t-55	3978.988	3799.037	4159.277	4164.012	4139.54
t-56	3988.699	3874.783	4139.54	4101.233	4130.013
t-57	3955.452	3896.119	4130.013	4195.089	4149.799
t-58	3974.788	3998.502	4149.799	4103.593	4154.067
t-59	4015.949	4005.39	4154.067	4026.475	4166.374
t-60	4016.902	4001.433	4166.374	3967.842	4134.036
t-61	3964.976	3889.971	4134.036	4120.669	4215.444
t-62	3941.693	3866.172	4215.444	4169.827	4166.072
t-63	3915.16	3841.731	4166.072	4171.413	4121.551
t-64	3986.41	3841.731	4121.551	4218.448	4105.167
t-65	3983.434	3844.377	4105.167	4174.983	4090.573
t-66	3963.605	3847.02	4090.573	4313.518	4079.384
t-67	3994.583	3880.464	4079.384	4568.654	4031.705
t-68	3986.515	3839.616	4031.705	4685.129	4041.559
t-69	4001.073	3842.748	4041.559	4699.733	4036.234
t-70	3978.128	4020.994	4036.234	4652.397	4022.168
t-71	3954.755	3953.277	4022.168	4597.78	4024.733
t-72	3909.693	3960.022	4024.733	4718.103	4028.537
t-73	3935.326	3890.526	4028.537	4640.781	4039.98
t-74	3909.497	3869.365	4039.98	4624.336	4054.326
t-75	3909.64	3863.576	4054.326	4610.377	4008.642
t-76	3938.842	3735.119	4008.642	4608.489	3987.346
t-77	3889.072	3850.266	3987.346	4580.467	3991.544
t-78	3869.415	3921.643	3991.544	4658.874	3967.669
t-79	3906.264	4122.086	3967.669	4674.117	3942.517
t-80	3907.421	4136.507	3942.517	4718.103	3967.076
t-81	3857.882	4177.846	3967.076	4767.159	3984.897
t-82	3821.992	4193.441	3984.897	4678.983	4004.868
t-83	3808.772	4130.8	4004.868	4724.411	3962.286
t-84	3769.214	4145.827	3962.286	4720.435	3985.21
t-85	3789.425	4174.112	3985.21	4679.001	3903.557
t-86	3797.151	4132.777	3903.557	4644.039	3861.016
t-87	3795.443	4087.094	3861.016	4635.729	3894.562
t-88	3794.267	4106.822	3894.562	4633.108	3958.809
t-89	3752.338	4068.073	3958.809	4478.644	3995.024
t-90	3770.287	4050.632	3995.024	4403.8	4002.951
t-91	3768.354	4023.417	4002.951	4433.625	3976.542
t-92	3701.54	4032.974	3976.542	4602.807	3927.608
t-93	3751.604	4023.202	3927.608	4581.933	3953.045

SAHAM	MPPA	PGAS	RUIS	SCMA	SGRO
t-94	3763.579	3997.635	3953.045	4577.153	3952.817
t-95	3792.149	3980.845	3952.817	4728.704	3961.902
t-96	3759.609	3938.015	3961.902	4777.452	3912.393
t-97	3781.761	3995.587	3912.393	4818.895	3978.988
t-98	3793.235	4003.691	3978.988	4675.749	3988.699
t-99	3752.674	3939.473	3988.699	4587.728	3955.452
t-100	3780.793	3908.956	3955.452	4418.872	3974.788
t-101	3779.836	3924.127	3974.788	4429.46	4015.949
t-102	3781.099	3953.517	4015.949	4515.372	4016.902
t-103	3715.08	3927.098	4016.902	4629.994	3964.976
t-104	3687.769	3888.569	3964.976	4806.656	3941.693
t-105	3647.049	3830.273	3941.693	4840.452	3915.16
t-106	3637.192	3813.425	3915.16	4774.504	3986.41
t-107	3687.008	3848.558	3986.41	4760.744	3983.434
t-108	3735.532	3823.65	3983.434	4607.663	3963.605
t-109	3679.829	3821.832	3963.605	4697.884	3994.583
t-110	3754.5	3794.939	3994.583	4609.948	3986.515
t-111	3792.253	3729.122	3986.515	4777.365	4001.073
t-112	3814.09	3721.383	4001.073	4865.324	3978.128
t-113	3813.842	3740.471	3978.128	5001.221	3954.755
t-114	3833.04	3794.251	3954.755	5021.612	3909.693
t-115	3778.885	3773.273	3909.693	4971.354	3935.326
t-116	3783.881	3748.758	3935.326	5068.628	3909.497
t-117	3857.363	3787.648	3909.497	5129.647	3909.64
t-118	3805.648	3806.187	3909.64	5200.693	3938.842
t-119	3778.24	3825.821	3938.842	5176.235	3889.072
t-120	3783.628	3842.953	3889.072	5085.136	3869.415
t-121	3705.81	3834.201	3869.415	5155.093	3906.264
t-122	3763.034	3844.02	3906.264	5121.403	3907.421
t-123	3685.012	3837.761	3907.421	5207.999	3857.882
t-124	3790.847	3836.967	3857.882	5188.759	3821.992
t-125	3829.96	3826.137	3821.992	5214.976	3808.772
t-126	3813.004	3832.43	3808.772	5145.683	3769.214
t-127	3738.607	3814.816	3769.214	5078.678	3789.425
t-128	3710.478	3780.162	3789.425	5089.88	3797.151
t-129	3706.782	3785.943	3797.151	5081.94	3795.443
t-130	3620.664	3778.454	3795.443	5054.628	3794.267
t-131	3622.776	3872.953	3794.267	5105.937	3752.338
t-132	3685.306	3859.81	3752.338	5089.335	3770.287
t-133	3622.027	3840.209	3770.287	5042.789	3768.354
t-134	3729.015	3799.226	3768.354	4991.871	3701.54
t-135	3664.68	3832.021	3701.54	4925.483	3751.604
t-136	3675.384	3808.71	3751.604	4994.046	3763.579
t-137	3635.931	3838.142	3763.579	5060.919	3792.149
t-138	3531.753	3800.52	3792.149	5034.071	3759.609
t-139	3451.084	3785.45	3759.609	4999.752	3781.761
t-140	3425.684	3798.554	3781.761	4978.507	3793.235
t-141	3443.106	3816.272	3793.235	4994.523	3752.674
t-142	3293.239	3814.928	3752.674	5011.607	3780.793
t-143	3269.451	3813.868	3780.793	4975.33	3779.836
t-144	3348.708	3849.3	3779.836	4996.923	3781.099
t-145	3549.032	3819.618	3781.099	4998.461	3715.08
t-146	3537.178	3808.929	3715.08	5012.638	3687.769
t-147	3513.166	3804.931	3687.769	4998.653	3647.049
t-148	3473.938	3774.871	3647.049	4894.592	3637.192
t-149	3316.137	3788.54	3637.192	4937.21	3687.008
t-150	3426.346	3801.081	3687.008	4924.263	3735.532
t-151	3369.143	3794.762	3735.532	4877.475	3679.829

SAHAM	SMGR	TINS	TOTL	UNTR	UNVR
t-31	3756.967	3844.02	4922.611	4218.448	3706.782
t-32	3737.484	3837.761	4981.466	4174.983	3620.664
t-33	3699.263	3836.967	4957.251	4313.518	3622.776
t-34	3655.305	3826.137	4937.575	4568.654	3685.306
t-35	3629.046	3832.43	4940.986	4685.129	3622.027
t-36	3605.673	3814.816	4928.102	4699.733	3729.015
t-37	3625.488	3780.162	4842.519	4652.397	3664.68
t-38	3645.147	3785.943	4777.901	4597.78	3675.384
t-39	3635.324	3778.454	4723.159	4718.103	3635.931
t-40	3638.826	3872.953	4802.666	4640.781	3531.753
t-41	3624.467	3859.81	4831.5	4624.336	3451.084
t-42	3654.102	3840.209	4822.627	4610.377	3425.684
t-43	3643.491	3799.226	4802.826	4608.489	3443.106
t-44	3597.745	3832.021	4819.324	4580.467	3293.239
t-45	3588.01	3808.71	4786.367	4658.874	3269.451
t-46	3578.954	3838.142	4835.439	4674.117	3348.708
t-47	3592.788	3800.52	4854.312	4718.103	3549.032
t-48	3566.918	3785.45	4874.495	4767.159	3537.178
t-49	3597.031	3798.554	4848.3	4678.983	3513.166
t-50	3618.478	3816.272	4824.68	4724.411	3473.938
t-51	3611.979	3814.928	4751.701	4720.435	3316.137
t-52	3547.248	3813.868	4811.613	4679.001	3426.346
t-53	3548.746	3849.3	4795.789	4644.039	3369.143
t-54	3546.954	3819.618	4716.415	4635.729	3697.494
t-55	3586.186	3808.929	4663.031	4633.108	3752.11
t-56	3603.404	3804.931	4696.107	4478.644	3755.052
t-57	3591.695	3774.871	4651.123	4403.8	3835.181
t-58	3569.498	3788.54	4632.404	4433.625	3774.334
t-59	3547.115	3801.081	4634.451	4602.807	3799.037
t-60	3501.296	3794.762	4626.99	4581.933	3874.783
t-61	3495.464	3732.65	4612.05	4577.153	3896.119
t-62	3472.707	3727.073	4609.786	4728.704	3998.502
t-63	3468.036	3730.512	4571.568	4777.452	4005.39
t-64	3397.626	3707.979	4548.243	4818.895	4001.433
t-65	3337.197	3734.413	4503.247	4675.749	3889.971
t-66	3343.343	3719.233	4491.267	4587.728	3866.172
t-67	3365.037	3745.838	4503.148	4418.872	3841.731
t-68	3370.982	3741.811	4498.976	4429.46	3841.731
t-69	3384.653	3730.583	4479.441	4515.372	3844.377
t-70	3341.632	3727.798	4490.565	4629.994	3847.02
t-71	3357.032	3685.936	4481.634	4806.656	3880.464
t-72	3230.888	3700.047	4453.703	4840.452	3839.616
t-73	3217.148	3707.487	4452.975	4774.504	3842.748
t-74	3164.277	3678.674	4439.03	4760.744	4020.994
t-75	3122.149	3640.978	4416.937	4607.663	3953.277
t-76	3135.316	3591.515	4437.598	4697.884	3960.022
t-77	3081.884	3602.859	4418.727	4609.948	3890.526
t-78	3099.565	3607.113	4416.548	4777.365	3869.365
t-79	3104.733	3611.641	4439.974	4865.324	3863.576
t-80	3145.135	3556.231	4465.484	5001.221	3735.119
t-81	3138.91	3517.721	4398.383	5021.612	3850.266
t-82	3114.939	3518.846	4410.964	4971.354	3921.643
t-83	3128.734	3494.07	4400.824	5068.628	4122.086
t-84	3117.72	3484.21	4382.498	5129.647	4136.507
t-85	3105.35	3531.477	4305.912	5200.693	4177.846
t-86	3072.087	3524.483	4317.365	5176.235	4193.441
t-87	3052.599	3569.839	4362.928	5085.136	4130.8
t-88	3053.01	3542.228	4392.379	5155.093	4145.827
t-89	3025.644	3587.648	4410.02	5121.403	4174.112
t-90	3035.318	3598.675	4399.258	5207.999	4132.777
t-91	3057.161	3580.314	4346.475	5188.759	4087.094
t-92	3082.598	3561.717	4316.687	5214.976	4106.822
t-93	3060.593	3542.903	4281.861	5145.683	4068.073

SAHAM	SMGR	TINS	TOTL	UNTR	UNVR
t-94	3044.941	3494.539	4275.094	5078.678	4050.632
t-95	2983.247	3486.197	4250.214	5089.88	4023.417
t-96	2973.656	3512.617	4254.816	5081.94	4032.974
t-97	3058.979	3470.348	4275.859	5054.628	4023.202
t-98	3069.28	3443.53	4301.436	5105.937	3997.635
t-99	3096.816	3439.132	4315.857	5089.335	3980.845
t-100	3057.475	3474.123	4308.863	5042.789	3938.015
t-101	3041.678	3451.1	4320.189	4991.871	3995.587
t-102	3023.699	3497.643	4337.528	4925.483	4003.691
t-103	3042.02	3501.497	4317.918	4994.046	3939.473
t-104	3009.923	3434.38	4302.609	5060.919	3908.956
t-105	3013.401	3416.785	4290.796	5034.071	3924.127
t-106	2995.441	3416.767	4292.605	4999.752	3953.517
t-107	2975.572	3391.766	4286.84	4978.507	3927.098
t-108	2992.45	3373.644	4269.652	4994.523	3888.569
t-109	2980.597	3417.471	4302.444	5011.607	3830.273
t-110	2981.059	3459.933	4276.141	4975.33	3813.425
t-111	2961.512	3487.707	4319.086	4996.923	3848.558
t-112	2958.791	3496.169	4304.823	4998.461	3823.65
t-113	2943.896	3480.826	4337.509	5012.638	3821.832
t-114	2915.908	3442.501	4375.169	4998.653	3794.939
t-115	2902.044	3409.167	4348.808	4894.592	3729.122
t-116	2910.648	3487.61	4335.927	4937.21	3721.383
t-117	2877.304	3514.624	4317.277	4924.263	3740.471
t-118	2871.554	3501.717	4312.366	4877.475	3794.251
t-119	2874.248	3433.906	4313.439	4899.587	3773.273
t-120	2913.684	3346.061	4351.284	4897.521	3748.758
t-121	2893.371	3379.543	4332.084	4926.068	3787.648
t-122	2955.732	3454.118	4318.591	4922.611	3806.187
t-123	2947.023	3517.275	4333.64	4981.466	3825.821
t-124	2914.095	3548.649	4327.868	4957.251	3842.953
t-125	2924.79	3535.731	4350.424	4937.575	3834.201
t-126	2934.589	3569.144	4314.265	4940.986	3844.02
t-127	2941.903	3564.937	4302.939	4928.102	3837.761
t-128	2929.589	3554.766	4338.892	4842.519	3836.967
t-129	2891.098	3455.127	4335.362	4777.901	3826.137
t-130	2858.659	3478.549	4350.291	4723.159	3832.43
t-131	2830.173	3631.453	4364.598	4802.666	3814.816
t-132	2826.837	3736.257	4331.365	4831.5	3780.162
t-133	2801.899	3783.709	4339.153	4822.627	3785.943
t-134	2770.787	3760.061	4335.375	4802.826	3778.454
t-135	2785.793	3727.517	4330.145	4819.324	3872.953
t-136	2779.983	3703.512	4341.377	4786.367	3859.81
t-137	2750.233	3699.217	4331.254	4835.439	3840.209
t-138	2823.251	3659.993	4356.966	4854.312	3799.226
t-139	2810.977	3625.266	4337.526	4874.495	3832.021
t-140	2733.678	3611.531	4329.076	4848.3	3808.71
t-141	2724.615	3620.684	4313.522	4824.68	3838.142
t-142	2796.957	3637.446	4311.391	4751.701	3800.52
t-143	2713.923	3568.81	4284.967	4811.613	3785.45
t-144	2696.78	3581.565	4280.01	4795.789	3798.554
t-145	2514.119	3571.738	4280.25	4716.415	3816.272
t-146	2609.61	3658.314	4268.235	4663.031	3814.928
t-147	2623.221	3689.666	4311.314	4696.107	3813.868
t-148	2694.249	3692.232	4271.461	4651.123	3849.3
t-149	2729.484	3747.714	4251.511	4632.404	3819.618
t-150	2834.186	3786.097	4256.839	4634.451	3808.929
t-151	2819.47	3769.993	4236.293	4626.99	3804.931

Lampiran: 21

Return Saham Perusahaan Dividen Menurun

Formula: $R_{i,t} = \frac{P_{i,t}-P_{i,t-1}}{P_{i,t-1}}$

Saham	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP	CLPI
t30	-0.02041	0.015	0	0.073684	0.002387	-0.01227	0	0.039683
t29	0.020833	-0.01478	-0.02632	0.010638	0.019465	0.012422	-0.02222	0.008
t28	-0.01031	-0.0049	0.013333	-0.01053	-0.01675	-0.01227	-0.01099	-0.08088
t27	0.010417	-0.00971	0.034483	-0.05	0.007229	0	-0.07143	-0.02857
t26	0	0.004878	0.006944	0	-0.03488	0.006173	-0.01508	0.076923
t25	-0.0303	0	-0.04636	0.041667	-0.00463	0	0.005051	-0.06475
t24	0.020619	0.004902	-0.03205	-0.0303	0.00232	0	0	0.069231
t23	-0.0102	0	0.012987	-0.01	-0.00231	0	0.1	-0.07143
t22	-0.02	0.009901	-0.00645	0	0	-0.03571	-0.1	-0.0604
t21	-0.01961	0.004975	0.006494	0	-0.0069	-0.03448	0.010101	-0.10778
t20	-0.00971	-0.00985	-0.01282	0	0	-0.02247	0	-0.04571
t19	0.009804	0.00995	0.04	0.020408	0.002304	-0.02198	0	0
t18	0.030303	0	0.041667	0.020833	-0.01364	-0.02151	0	-0.05405
t17	0.03125	0.005	0.035971	-0.01031	0.011494	0.01087	-0.00503	0.010929
t16	-0.01031	0	0	-0.08491	-0.02027	0.010989	-0.005	-0.01081
t15	0	0	-0.00714	-0.07018	0.02069	-0.00546	0.020408	-0.04145
t14	0	0	0.007194	-0.0087	0	0	0	0.010471
t13	-0.0102	0	0	0.008772	-0.00229	-0.01613	-0.03448	-0.0402
t12	-0.0101	0	0	0.017857	0	0	0	0.005051
t11	0.010204	0	-0.01418	0.009009	0.009259	0	0.015	0
t10	0.053763	0	-0.02759	-0.0177	-0.0069	0.01087	0	0.053191
t9	-0.01064	-0.01478	0.028369	-0.01739	-0.00685	-0.01075	-0.01478	0
t8	0.021739	0	-0.00704	-0.05738	-0.00455	0	0.025253	0
t7	0.010989	0	0.021583	-0.00813	0.004566	0	-0.02941	0
t6	-0.02151	0.025253	-0.04138	-0.02381	0	0.016393	0.02	0.010753
t5	-0.02105	0.005076	-0.02685	0	0.002288	0.016667	0	-0.02105
t4	0	-0.00505	0.020548	0	0.004598	0	-0.00498	0.010638
t3	-0.02062	-0.07477	0	0.008	0	0.046512	-0.00495	0
t2	0	0.038835	0.013889	-0.02344	0	0	0	-0.05051
t1	0.010417	-0.06364	-0.02703	0.015873	-0.01136	0	0	0
t0	0.043478	-0.08333	0.02069	-0.03817	-0.00452	0.036145	0	-0.05714
t-1	0.033708	-0.01639	0.066176	0.007692	0.004545	-0.02353	0	0.02439
t-2	-0.05319	0.004115	0.046154	0	-0.02222	-0.02857	0	-0.01205
t-3	-0.03093	-0.0041	-0.03704	-0.01515	0.008969	-0.00568	0.01	0.07513
t-4	-0.0102	0.008264	0	0.007634	0	0	-0.01961	0.102857
t-5	-0.03922	-0.01626	-0.04255	-0.02239	0	0	0.004926	0.07362
t-6	-0.02857	-0.00806	-0.00704	0	-0.01978	0.011494	0.00495	-0.13298
t-7	0	0	0.007092	0.007519	0.029412	0.00578	0	-0.14545
t-8	-0.00943	0	0.014388	0.007576	0.016092	0.017647	0.004975	-0.06383
t-9	0.009524	0	-0.03472	0.007634	-0.01136	0	0	-0.03093
t-10	-0.00943	-0.01587	-0.0069	0	-0.02004	0.055901	0.02551	-0.04902
t-11	0	0	-0.01361	-0.02963	0.004474	0.018987	-0.08411	-0.00971
t-12	0.019231	-0.03077	0.065217	0.007463	0.009029	0.025974	-0.02283	0.019802
t-13	0	0.007752	-0.04167	-0.0219	-0.03486	0.013158	-0.01351	-0.02885
t-14	0	-0.00769	0	0	0.017738	0.013333	-0.02632	0
t-15	-0.04587	-0.00763	0	0	0.025	0.041667	0	-0.02804
t-16	0	0.007692	-0.04636	0.007353	0.006865	0.014085	-0.04603	0.019048
t-17	-0.0354	-0.00383	-0.01307	0	0.006912	0.028986	0.008439	-0.01869
t-18	0.027273	-0.00382	-0.00649	0.014925	0.00463	0.007299	0.021552	0
t-19	0.009174	0.007692	-0.01911	-0.00741	0.004651	-0.02143	0	-0.00926
t-20	0.028302	0.007752	0.019481	-0.0146	-0.01826	-0.00709	0.221053	0.08
t-21	0.009524	-0.01527	-0.0375	-0.00725	0.004587	-0.06	0.055556	-0.0099
t-22	-0.00943	0.007692	-0.01235	0.007299	-0.01802	-0.01316	0.065089	0.052083
t-23	0.029126	0	-0.00613	-0.00725	-0.00448	-0.00654	-0.00588	-0.02041
t-24	0.03	0.003861	-0.01212	0.007299	0.006772	0	0	0.076923
t-25	0.010101	-0.04074	-0.01198	-0.00725	0	-0.00649	-0.07104	0.070588
t-26	0	0.054688	0.018293	0.014706	-0.00449	0.019868	0.022346	0
t-27	0	0	-0.00606	0	-0.00224	-0.01307	0	0
t-28	0	-0.01538	-0.00602	0.007407	0	0.006579	0	0.011905
t-29	0	0.007752	-0.01775	-0.0146	0	0	-0.00556	-0.03448
t-30	0.03125	0.003891	0	-0.01439	0	0.006623	0.022727	0

Saham	GJTL	HMSP	KLBF	LSIP	MPPA	PGAS	RUIS
t30	-0.0073	0	-0.02857	0.010526	0	-0.00769	0.020408
t29	0	0.00639	-0.01408	0.010638	0.010753	0	0
t28	0.007353	0.009677	-0.04054	-0.03093	-0.01064	0.015625	-0.03922
t27	0.054264	-0.00482	0.006803	0.010417	0	0.015873	0.02
t26	-0.00769	0.008091	-0.00676	0.010526	0.010753	-0.02326	-0.01961
t25	-0.00763	-0.00323	-0.01333	0.010638	0.01087	0.007813	0
t24	0.015504	0.00813	0.020408	-0.01053	-0.02128	0.007874	0
t23	-0.01527	-0.00646	0.013793	0.010638	0	0.03252	-0.01923
t22	0.007692	0.008143	-0.01361	0	-0.01053	-0.0315	-0.01887
t21	0.048387	0.001631	0.013793	0.032967	0	0	0
t20	0.00813	0.018272	0.013986	0	0	0.007937	0.039216
t19	0	0	0.028777	-0.02151	0.010638	-0.01563	0
t18	-0.016	0.003333	0.02963	0.01087	0	-0.00775	0
t17	0	0.020408	0.015038	-0.01075	0	0	0
t16	0.033058	0.006849	-0.07639	0.01087	-0.01053	0.007813	0.02
t15	0.025424	-0.01184	0.043478	0	0.043956	-0.00775	0
t14	-0.04065	-0.01827	-0.00719	-0.02128	0.011111	0.02381	-0.01961
t13	-0.016	0.003333	-0.03472	0.010753	0	0.008	0
t12	0.02459	0.003344	0.035971	0.01087	0	0	-0.03774
t11	0.008264	-0.00664	-0.03472	-0.01075	-0.01099	0.02459	0.039216
t10	-0.0082	0.039724	0.043478	0	0	-0.024	-0.01923
t9	0.016667	-0.02689	0.045455	0	-0.01087	-0.00794	0.019608
t8	0.025641	0.04386	0.109244	0.021978	-0.02128	-0.00787	0
t7	-0.00847	-0.10095	-0.00833	0	0	0.007937	-0.01923
t6	0.082569	0	0.008403	-0.01087	-0.01053	-0.01563	0
t5	-0.01802	0	-0.03252	0.010989	0	0.007874	0
t4	-0.00893	-0.00627	-0.06818	-0.01087	-0.01042	0.007937	0
t3	0	0.006309	0.015385	0	0.010526	0	-0.03704
t2	-0.02609	-0.00938	-0.02985	0.010989	0.010638	-0.02326	0
t1	0.026786	-0.00775	0.015152	0	0	0.04878	0
t0	-0.02609	0	0.023256	-0.03191	0	0	0
t-1	-0.03361	-0.01826	-0.01527	-0.01053	0	0.008197	0.018868
t-2	-0.02459	0.001524	0.023438	0.010638	0	0.033898	0
t-3	0.033898	0.025	-0.05185	0.010753	0	0.017241	-0.03636
t-4	0.035088	0.012658	-0.0146	-0.01064	0	-0.00855	0.057692
t-5	-0.0087	0.003175	-0.02837	-0.01053	0.010753	-0.00847	0.04
t-6	0	0.016129	0	0.010638	0	-0.01667	-0.07407
t-7	-0.03361	0.001616	-0.02083	-0.02083	0	-0.00826	0.038462
t-8	0.008475	0	0.006993	-0.01031	0	-0.02419	-0.01887
t-9	0.008547	0.001618	-0.01379	0	0.01087	-0.008	0
t-10	0	-0.00643	-0.03333	0.010417	0.010989	-0.00794	0.039216
t-11	-0.03306	0	-0.01961	-0.01031	-0.01087	0.008	0
t-12	-0.032	-0.00955	0.033784	0.010417	0	0.008065	-0.01923
t-13	0	0	0.02069	-0.01031	0.045455	0	-0.01887
t-14	-0.03101	0	-0.02027	0	-0.03297	-0.008	0.06
t-15	0.04878	0.003195	0.02069	0.021053	0	-0.01575	0
t-16	0	-0.00635	-0.03974	0	0	0.016	-0.01961
t-17	0.025	0	0.006667	0.010638	0	0.008065	0.02
t-18	0.043478	0.017771	-0.02597	-0.02083	0.022472	0.016393	0
t-19	0	-0.00482	0	0.010526	0	0	0.041667
t-20	0.074766	-0.0127	0.047619	-0.01042	0	0.008264	0.043478
t-21	0.091837	-0.03226	0.006849	0.010526	0.011364	0.034188	-0.08
t-22	-0.03922	0.018779	0	-0.02062	0	-0.00847	0.020408
t-23	0.040816	-0.00467	-0.0068	0.010417	-0.01124	-0.03279	-0.05769
t-24	0.053763	-0.00311	0.013793	-0.02041	0.011364	0.016667	0.019608
t-25	-0.01064	0.00625	0.013986	0.020833	-0.03297	0.034483	-0.08929
t-26	0.010753	0.024	0	0	-0.01087	0.054545	0.018182
t-27	-0.01064	0.001603	0.021429	-0.01031	0	-0.02655	-0.01786
t-28	0.010753	0.009709	0.037037	-0.0202	0.010989	-0.02586	-0.01754
t-29	0	-0.00323	0.015038	0	-0.01087	0	-0.05
t-30	0	0	-0.01481	0	0	0.026549	0.176471

Saham	SCMA	SGRO	SMGR	TINS	TOTL	UNTR	UNVR
t30	-0.02804	0	0.024691	-0.02817	0	0.013298	0.010101
t29	0.019048	0.037037	-0.01818	-0.02069	0.008475	-0.02338	0.002532
t28	0	-0.02703	-0.01198	0.013986	0.017241	-0.01282	0.002538
t27	0	-0.00893	0	0.028777	0	0.007752	0
t26	0.019417	-0.00885	0.018293	0.007246	0.035714	0.007813	0.020725
t25	0	-0.00877	0.025	0.078125	0	0.04918	-0.02525
t24	0	-0.0087	0.032258	-0.04478	-0.06667	0.045714	0.010204
t23	0	-0.01709	0	-0.00741	-0.01639	0	0.020833
t22	-0.0463	-0.01681	-0.02516	-0.0146	-0.01613	0	-0.04239
t21	0.090909	0.053097	-0.03636	0.030075	-0.03125	0	0.03886
t20	-0.03883	-0.02586	0.03125	0	0.007874	-0.04372	0.043243
t19	0.03	-0.01695	0.045752	-0.01481	0.007937	0.039773	-0.0027
t18	-0.02913	-0.01667	-0.02548	0.071429	0.05	-0.02222	-0.0133
t17	-0.00962	-0.00826	-0.03086	0.016129	-0.04	0.01983	0.016216
t16	0.009709	-0.02419	-0.03571	-0.08148	0.086957	0	0.010929
t15	0.009804	0	-0.05085	-0.0146	-0.04167	0.008571	0
t14	-0.03774	0.016393	0.005682	-0.04861	-0.02439	-0.0113	-0.024
t13	-0.00935	0.008264	-0.02762	-0.0137	-0.08889	-0.02479	0
t12	0.019048	-0.01626	0.011173	0.006897	0	-0.00275	0.008065
t11	-0.02778	-0.016	0.005618	-0.00685	-0.02174	0.005525	0.021978
t10	-0.02703	-0.00794	0.00565	0	-0.06757	-0.03209	0.013928
t9	0.018349	0.008	0.02907	-0.0068	-0.075	0	-0.01913
t8	-0.02679	-0.03846	-0.08021	-0.01343	0.012658	0	0.057803
t7	0	-0.00763	-0.04592	0.020555	0.097222	0	-0.01143
t6	-0.01754	0.015504	-0.02	-0.02666	0.058824	0.027473	-0.00568
t5	0	-0.02273	0.010101	0	0.038168	0	0.017341
t4	0.00885	0.007634	0.005076	0	0.048	0.05814	-0.01705
t3	0	-0.01504	0.042328	-0.04459	0.05042	0	0.002849
t2	0.008929	0	-0.01047	0.00641	-0.02459	0	-0.01404
t1	-0.00885	-0.01481	0.015957	-0.03106	0.016667	0.005848	-0.00559
t0	0.027273	0.007463	0.010753	-0.07471	0.008403	0.03012	-0.00556
t-1	-0.00901	0.007519	0.005405	-0.02247	0	0.012195	0.005587
t-2	0	0.047244	0.005435	0	0.017094	0.006135	0.017045
t-3	0.009091	0.040984	-0.02128	0.005655	0.035398	-0.0355	-0.03297
t-4	0.009174	0.02521	0.010753	-0.02211	0.027273	-0.0117	0
t-5	0.009259	0.017094	0	0.005561	0	0	0.005525
t-6	0.009346	0.008621	0.005405	0	-0.02655	0.002933	0.031339
t-7	0.009434	0.008696	-0.01596	-0.01099	0.018018	-0.01729	-0.01681
t-8	-0.00935	0	0.010753	0	0	0.00289	0.025862
t-9	-0.00926	0.008772	-0.01064	0.011111	0.009091	-0.0226	-0.00571
t-10	0.102041	0.00885	0.005348	-0.00553	0.037736	0.038123	0.041667
t-11	0.065217	-0.00877	-0.04592	0.005561	0.009524	0.002941	0.037037
t-12	0.010989	0.00885	0.010309	-0.00553	-0.01869	0	0.003096
t-13	0	0	0.015707	0.01686	-0.0531	0.021021	0
t-14	-0.01087	0.027273	0.010582	-0.01658	0.056075	-0.03757	0.018927
t-15	-0.02128	0.009174	0	-0.00549	-0.00926	-0.00575	-0.00314
t-16	-0.01053	0.009259	0.027174	0.04	-0.00917	0.023529	-0.00625
t-17	-0.01042	0	0	0.017436	0.028302	0.011905	0.003135
t-18	-0.01031	0	-0.03665	-0.01714	0.019231	0.030675	-0.00623
t-19	0.010417	0	-0.01546	-0.00569	-0.02804	0	-0.00926
t-20	0	0.009346	-0.00513	0.00572	0	0.034921	0.025316
t-21	0.010526	0.009434	0.010363	-0.01129	0	-0.04255	0.003175
t-22	0.010638	0.029126	-0.00515	-0.02211	0.019048	0.031348	-0.00631
t-23	-0.03093	-0.00962	-0.0202	0.005561	0.029412	0.009494	0.009554
t-24	0.031915	-0.03704	0.053191	-0.01639	-0.00971	-0.0125	-0.00633
t-25	0.010753	-0.01818	0.010753	0	0.019802	0.028939	0.009585
t-26	0.044944	-0.00901	0	0	0	0.01634	0
t-27	-0.03261	-0.0177	-0.00535	-0.02139	0	0.006579	-0.00318
t-28	0	0.018018	0.010811	0	0.052083	0.0033	-0.02181
t-29	0	0.027778	-0.02116	0.005382	-0.02041	0.006645	-0.00311
t-30	-0.03158	0.028571	-0.00526	-0.00535	0	0.045139	-0.00617

Lampiran: 22

Return Market Perusahaan Dividen Menurun

Formula: $R_{m,t} = \frac{IHSG_{i,t} - IHSG_{i,t-1}}{IHSG_{i,t-1}}$

SAHAM	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP	CLPI
t30	0.000236	0.002358	0.003567	0.000566	0.003628	0.00108	-0.01283	-0.02367
t29	0.008204	0.006181	0.000236	0.034489	-0.0067	0.013411	0.014587	-0.05644
t28	0.006914	-0.0173	0.008204	0.016995	0.00499	-0.00731	0.007152	0.003351
t27	0.008924	-0.0036	0.006914	-0.00673	0.009602	0.015221	0.016961	0.006835
t26	-0.00871	-0.00149	0.008924	-0.03676	0.000882	-0.01798	0.003496	0.011292
t25	0.002358	0.006426	-0.00871	0.004556	0.000162	-0.01375	-0.00398	0.047586
t24	0.006181	0.014619	0.002358	0.001044	-3.4E-05	-0.00782	0.0048	-0.03217
t23	-0.0173	0.009092	0.006181	-0.03205	0.00329	-0.00209	0.00128	0.016978
t22	-0.0036	0.017492	-0.0173	-0.0102	0.013473	0.008169	0.006903	-0.0888
t21	-0.00149	-0.01202	-0.0036	-0.0086	-0.00442	0.005985	-0.0056	-0.01456
t20	0.006426	0.013775	-0.00149	0.030615	-0.0093	-0.0021	0.00691	-0.00078
t19	0.014619	0.006173	0.006426	0.019186	-0.00643	-0.0173	-0.00478	-0.02089
t18	0.009092	-0.00821	0.014619	0.038212	-0.00081	-0.01404	0.004153	0.016121
t17	0.017492	-0.00314	0.009092	-0.00239	-0.00286	0.002654	-0.00115	-0.0065
t16	-0.01202	-0.01068	0.017492	-0.01903	-0.00079	-0.00605	-0.00341	-0.01955
t15	0.013775	0.016255	-0.01202	-0.02476	0.006068	0.002116	-0.00483	-0.00548
t14	0.006173	0.005352	0.013775	-0.03675	-0.003	-0.00305	-0.00441	-0.02561
t13	-0.00821	0.011012	0.006173	-0.00698	0.014547	0.010634	0.004924	-0.00172
t12	-0.00314	0.006987	-0.00821	0.013813	-0.00458	0.00748	-0.00836	0.000989
t11	-0.01068	-0.01783	-0.00314	0.00289	-0.00961	-0.01429	-0.00157	0.028654
t10	0.016255	0.002046	-0.01068	0.033223	-0.00597	0.006952	-0.00755	0.006156
t9	0.005352	-0.00353	0.016255	-0.0192	0.005753	0.006117	0.005228	0.006362
t8	0.011012	0.010688	0.005352	0.019075	0.008943	0.005937	0.012488	0
t7	0.006987	-0.00398	0.011012	-0.03504	-0.00222	-0.00612	-0.01055	-0.00069
t6	-0.01783	-0.00019	0.006987	-0.01808	0.002304	0.007407	0.000327	-0.00069
t5	0.002046	0.033206	-0.01783	-0.02717	0.015618	0.00656	0.000608	-0.00862
t4	-0.00353	0.017319	0.002046	-0.00406	-0.00228	0.005625	-0.00194	0.010639
t3	0.010688	-0.03821	-0.00353	0.010109	0.008199	0.013154	0.006121	-0.00082
t2	-0.00398	-0.00862	0.010688	-0.01919	0.001939	-0.00328	0.003715	-0.04433
t1	-0.00019	-0.02172	-0.00398	-0.0119	-0.01006	-0.00663	-0.01839	0.017129
t0	0.033206	-0.00029	-0.00019	-0.01366	-0.00619	0.007074	0.004362	-0.0017
t-1	0.017319	9.69E-05	0.033206	0.004725	0.007131	0.009596	-0.00184	0.017863
t-2	-0.03821	0.004145	0.017319	0.017915	-0.01477	0.006886	0.000639	0.005469
t-3	-0.00862	-0.02067	-0.03821	-0.01357	0.00654	-0.02431	0.012136	0.001498
t-4	-0.02172	0.000828	-0.00862	0.006578	0.010262	0.004046	0.002928	0.034392
t-5	-0.00029	-0.00983	-0.02172	-0.01663	-0.01029	-0.0002	-0.02374	-0.02991
t-6	9.69E-05	0.020556	-0.00029	0.003708	-0.02725	-0.01203	-0.00329	-0.0182
t-7	0.004145	-0.01015	9.69E-05	-0.00503	0.000649	-0.02245	0.008	-0.04863
t-8	-0.02067	-0.0161	0.004145	0.013466	-0.00086	-0.00458	0.014273	-0.00349
t-9	0.000828	-0.00183	-0.02067	0.013193	0.001841	-0.01861	0.001709	-0.00989
t-10	-0.00983	-0.01484	0.000828	-0.0022	-0.01323	0.046486	0.003034	-0.00372
t-11	0.020556	-0.00472	-0.00983	0.001562	0.00529	-0.01203	0.007663	0.015164
t-12	-0.01015	0.001107	0.020556	0.005403	-0.00272	-0.00102	-0.00024	-0.00362
t-13	-0.0161	-0.01244	-0.01015	-0.01005	-0.00607	0.033527	0.005709	-0.00678
t-14	-0.00183	0.005341	-0.0161	0.003262	-0.00149	0.004346	-0.00166	0.010002
t-15	-0.01484	-0.01371	-0.00183	0.00923	0.003733	0.001652	0.000774	0.011177
t-16	-0.00472	-0.00173	-0.01484	0.0102	0.003847	-0.002	-0.00029	-0.0048
t-17	0.001107	0.001116	-0.00472	0.013479	0.011243	0.039817	0.004246	0.009525
t-18	-0.01244	0.005556	0.001107	-0.01373	-0.0028	0.029198	0.000192	0.004306
t-19	0.005341	0.003648	-0.01244	-0.01321	0.000231	0.005305	-0.01611	0.006764
t-20	-0.01371	0.004023	0.005341	0.005333	0.00208	-0.00555	0.001342	-0.00237
t-21	-0.00173	-0.00391	-0.01371	0.006864	-0.00194	-0.02175	-0.00042	0.002429
t-22	0.001116	0.004002	-0.00173	0.004267	-0.01041	0.015307	-0.00103	0.006396
t-23	0.005556	-0.00161	0.001116	-0.00321	-0.00941	-0.02237	0.00121	0.004218
t-24	0.003648	0.003576	0.005556	-0.00341	0.005587	0.022297	-0.00097	0.010876
t-25	0.004023	-0.00619	0.003648	0.007291	0.002308	0.019153	0.004933	-0.01441
t-26	-0.00391	0.00424	0.004023	-0.00432	-0.0036	0.014777	0.000574	-0.00202
t-27	0.004002	-0.00061	-0.00391	-0.00031	0.004335	-0.03709	0.001096	0.016301
t-28	-0.00161	0.002134	0.004002	-0.00283	0.004629	-0.01179	0.010029	0.007807
t-29	0.003576	0.002601	-0.00161	0.002798	0.007934	-0.00038	0.010669	-0.00387
t-30	-0.00619	-0.00305	0.003576	0.02126	-0.00918	-0.01115	-0.03163	-0.00743

SAHAM	GJTL	HMSP	KLBF	LSIP	MPPA	PGAS	RUIS
t30	0.011177	0.000997	-0.01683	0.015164	-0.01783	-0.00651	0.004638
t29	-0.0048	0.023785	-0.00326	-0.00362	0.002046	0.006607	-0.00942
t28	0.009525	-0.00058	-0.00932	-0.00678	-0.00353	-3.7E-05	0.002516
t27	0.004306	-0.01697	-0.01029	0.010002	0.010688	-0.00741	0.009891
t26	0.006764	0.017471	0.018845	0.011177	-0.00398	0.012797	0.001255
t25	-0.00237	-0.02869	-0.00962	-0.0048	-0.00019	0.00508	-0.00485
t24	0.002429	0.017555	0.000842	0.009525	0.033206	-0.00943	0.001387
t23	0.006396	-0.00291	0.008855	0.004306	0.017319	-0.0003	0.001637
t22	0.004218	0.010851	0.007528	0.006764	-0.03821	0.012841	-0.00904
t21	0.010876	0.029498	0.001793	-0.00237	-0.00862	0.00939	-0.00287
t20	-0.01441	0.023375	0.000566	0.002429	-0.02172	0.003471	0.010543
t19	-0.00202	0.007415	0.034489	0.006396	-0.00029	0.010495	0.00365
t18	0.016301	-0.00506	0.016995	0.004218	9.69E-05	-0.00533	0.019835
t17	0.007807	0.045507	-0.00673	0.010876	0.004145	-0.00203	0.000984
t16	-0.00387	0.007276	-0.03676	-0.01441	-0.02067	0.00045	0.002186
t15	-0.00743	-0.02367	0.004556	-0.00202	0.000828	0.00031	-0.00441
t14	0.006727	-0.05644	0.001044	0.016301	-0.00983	0.011174	-0.0175
t13	0.009908	0.003351	-0.03205	0.007807	0.020556	-0.00476	-0.00366
t12	0.01522	0.006835	-0.0102	-0.00387	-0.01015	0.000513	0.003567
t11	0.004418	0.011292	-0.0086	-0.00743	-0.0161	0.01805	0.000236
t10	-0.00913	0.047586	0.030615	0.006727	-0.00183	-0.01334	0.008204
t9	0.006514	-0.03217	0.019186	0.009908	-0.01484	-0.00318	0.006914
t8	0.000476	0.016978	0.038212	0.01522	-0.00472	-0.00753	0.008924
t7	0.007087	-0.0888	-0.00239	0.004418	0.001107	0.008655	-0.00871
t6	0.017649	-0.01456	-0.01903	-0.00913	-0.01244	-0.00586	0.002358
t5	0.00208	-0.00078	-0.02476	0.006514	0.005341	-0.00302	0.006181
t4	-0.0051	-0.02089	-0.03675	0.000476	-0.01371	0.010809	-0.0173
t3	-0.01417	0.016121	-0.00698	0.007087	-0.00173	-0.00744	-0.0036
t2	0.00556	-0.0065	0.013813	0.017649	0.001116	0.000253	-0.00149
t1	0.006539	-0.01955	0.00289	0.00208	0.005556	-0.00033	0.006426
t0	-0.01027	-0.00548	0.033223	-0.0051	0.003648	0.017771	0.014619
t-1	-0.00487	-0.02561	-0.0192	-0.01417	0.004023	0.007406	0.009092
t-2	-0.00513	-0.00172	0.019075	0.00556	-0.00391	0.011165	0.017492
t-3	-0.00446	0.000989	-0.03504	0.006539	0.004002	0.00271	-0.01202
t-4	0.002283	0.028654	-0.01808	-0.01027	-0.00161	-0.01351	0.013775
t-5	-0.00255	0.006156	-0.02717	-0.00487	0.003576	-0.01299	0.006173
t-6	0.001631	0.006362	-0.00406	-0.00513	-0.00619	0.015137	-0.00821
t-7	0.000207	0	0.010109	-0.00446	0.00424	-0.01989	-0.00314
t-8	0.002831	-0.00069	-0.01919	0.002283	-0.00061	-0.00996	-0.01068
t-9	-0.00164	-0.00069	-0.0119	-0.00255	0.002134	-0.00573	0.016255
t-10	0.004617	-0.00862	-0.01366	0.001631	0.002601	6.5E-05	0.005352
t-11	0.009167	0.010639	0.004725	0.000207	-0.00305	-0.00501	0.011012
t-12	-0.00153	-0.00082	0.017915	0.002831	0.004768	0.014331	0.006987
t-13	0.001982	-0.04433	-0.01357	-0.00164	0.002307	-0.00132	-0.01783
t-14	-0.0244	0.017129	0.006578	0.004617	-0.00477	-0.01905	0.002046
t-15	0.003405	-0.0017	-0.01663	0.009167	-0.00103	0.013589	-0.00353
t-16	0.005104	0.017863	0.003708	-0.00153	-0.00295	0.007254	0.010688
t-17	0.010787	0.005469	-0.00503	0.001982	0.007822	-0.00142	-0.00398
t-18	-0.00856	0.001498	0.013466	-0.0244	-0.01931	0.020999	-0.00019
t-19	0.00612	0.034392	0.013193	0.003405	0.011851	-0.01521	0.033206
t-20	-0.00767	-0.02991	-0.0022	0.005104	0.010802	0.021173	0.017319
t-21	0.009899	-0.0182	0.001562	0.010787	0.003991	-0.02792	-0.03821
t-22	0.003981	-0.04863	0.005403	-0.00856	0.003568	-0.01021	-0.00862
t-23	-0.00345	-0.00349	-0.01005	0.00612	0.002743	0.004447	-0.02172
t-24	-0.00464	-0.00989	0.003262	-0.00767	0.011826	0.0199	-0.00029
t-25	0.000352	-0.00372	0.00923	0.009899	-0.00244	0.007581	9.69E-05
t-26	0.000278	0.015164	0.0102	0.003981	0.001319	0.000997	0.004145
t-27	-0.0092	-0.00362	0.013479	-0.00345	0.003497	0.023785	-0.02067
t-28	0.007771	-0.00678	-0.01373	-0.00464	-0.00064	-0.00058	0.000828
t-29	0.002806	0.010002	-0.01321	0.000352	-0.00094	-0.01697	-0.00983
t-30	0.001051	0.011177	0.005333	0.000278	-0.00283	0.017471	0.020556

SAHAM	SCMA	SGRO	SMGR	TINS	TOTL	UNTR	UNVR
t30	0.000149	-0.00942	-0.01282	0.006156	-0.03205	0.00108	-0.00364
t29	0.005936	0.002516	-0.01227	0.006362	-0.0102	0.013411	0.005768
t28	-0.00642	0.009891	-0.00796	0	-0.0086	-0.00731	0.00591
t27	-0.01288	0.001255	-0.00242	-0.00069	0.030615	0.015221	0.011526
t26	-0.01608	-0.00485	0.004408	-0.00069	0.019186	-0.01798	-0.00651
t25	0.012421	0.001387	0.011133	-0.00862	0.038212	-0.01375	0.006607
t24	0.014526	0.001637	0.009778	0.010639	-0.00239	-0.00782	-3.7E-05
t23	0.002414	-0.00904	-0.02249	-0.00082	-0.01903	-0.00209	-0.00741
t22	0.003157	-0.00287	-0.00769	-0.04433	-0.02476	0.008169	0.012797
t21	-0.00142	0.010543	0.003686	0.017129	-0.03675	0.005985	0.00508
t20	-0.00861	0.00365	0.019747	-0.0017	-0.00698	-0.0021	-0.00943
t19	0.008507	0.019835	0.026253	0.017863	0.013813	-0.0173	-0.0003
t18	0.003332	0.000984	-0.00991	0.005469	0.00289	-0.01404	0.012841
t17	0.013667	0.002186	-0.02159	0.001498	0.033223	0.002654	0.00939
t16	-0.01171	-0.00441	-0.01796	0.034392	-0.0192	-0.00605	0.003471
t15	-0.00888	-0.0175	-0.00884	-0.02991	0.019075	0.002116	0.010495
t14	-0.01393	-0.00366	0.003654	-0.0182	-0.03504	-0.00305	-0.00533
t13	-0.00092	0.003567	-0.00936	-0.04863	-0.01808	0.010634	-0.00203
t12	0.014554	0.000236	0.00118	-0.00349	-0.02717	0.00748	0.00045
t11	0.008026	0.008204	0.002861	-0.00989	-0.00406	-0.01429	0.00031
t10	-0.00856	0.006914	0.028838	-0.00372	0.010109	0.006952	0.011174
t9	-0.00575	0.008924	-0.00673	0.015164	-0.01919	0.006117	-0.00476
t8	-0.01107	-0.00871	-0.04211	-0.00362	-0.0119	0.005937	0.000513
t7	-0.00768	0.002358	-0.02805	-0.00678	-0.01366	-0.00612	0.01805
t6	0.015398	0.006181	-0.01254	0.010002	0.004725	0.007407	-0.01334
t5	0.005317	-0.0173	0.006289	0.011177	0.017915	0.00656	-0.00318
t4	-0.00413	-0.0036	0.008731	-0.0048	-0.01357	0.005625	-0.00753
t3	0.003832	-0.00149	0.006482	0.009525	0.006578	0.013154	0.008655
t2	-0.02296	0.006426	0.001161	0.004306	-0.01663	-0.00328	-0.00586
t1	0.003901	0.014619	0.010717	0.006764	0.003708	-0.00663	-0.00302
t0	-0.00191	0.009092	0.009579	-0.00237	-0.00503	0.007074	0.010809
t-1	-0.00565	0.017492	0.003803	0.002429	0.013466	0.009596	-0.00744
t-2	-0.01081	-0.01202	-0.00253	0.006396	0.013193	0.006886	0.000253
t-3	0.00108	0.013775	-0.00461	0.004218	-0.0022	-0.02431	-0.00033
t-4	0.013411	0.006173	0.019232	0.010876	0.001562	0.004046	0.017771
t-5	-0.00731	-0.00821	-0.00356	-0.01441	0.005403	-0.0002	0.007406
t-6	0.015221	-0.00314	0.002751	-0.00202	-0.01005	-0.01203	0.011165
t-7	-0.01798	-0.01068	-0.02367	0.016301	0.003262	-0.02245	0.00271
t-8	-0.01375	0.016255	-0.0085	0.007807	0.00923	-0.00458	-0.01351
t-9	-0.00782	0.005352	-0.00069	-0.00387	0.0102	-0.01861	-0.01299
t-10	-0.00209	0.011012	-0.0148	-0.00743	0.013479	0.046486	0.015137
t-11	0.008169	0.006987	-0.01014	0.006727	-0.01373	-0.01203	-0.01989
t-12	0.005985	-0.01783	0.004272	0.009908	-0.01321	-0.00102	-0.00996
t-13	-0.0021	0.002046	0.0128	0.01522	0.005333	0.033527	-0.00573
t-14	-0.0173	-0.00353	0.007058	0.004418	0.006864	0.004346	6.5E-05
t-15	-0.01404	0.010688	0.000455	-0.00913	0.004267	0.001652	-0.00501
t-16	0.002654	-0.00398	0.020858	0.006514	-0.00321	-0.002	0.014331
t-17	-0.00605	-0.00019	0.024888	0.000476	-0.00341	0.039817	-0.00132
t-18	0.002116	0.033206	-0.02739	0.007087	0.007291	0.029198	-0.01905
t-19	-0.00305	0.017319	-0.00326	0.017649	-0.00432	0.005305	0.013589
t-20	0.010634	-0.03821	-0.01608	0.00208	-0.00031	-0.00555	0.007254
t-21	0.00748	-0.00862	0.011817	-0.0051	-0.00283	-0.02175	-0.00142
t-22	-0.01429	-0.02172	-0.00528	-0.01417	0.002798	0.015307	0.020999
t-23	0.006952	-0.00029	-0.01685	0.00556	0.02126	-0.02237	-0.01521
t-24	0.006117	9.69E-05	0.004344	0.006539	-0.00863	0.022297	0.021173
t-25	0.005937	0.004145	0.012818	-0.01027	0.002629	0.019153	-0.02792
t-26	-0.00612	-0.02067	0.001055	-0.00487	0.009593	0.014777	-0.01021
t-27	0.007407	0.000828	0.004804	-0.00513	-0.00451	-0.03709	0.004447
t-28	0.00656	-0.00983	-0.00256	-0.00446	0.000422	-0.01179	0.0199
t-29	0.005625	0.020556	-0.02104	0.002283	-0.0058	-0.00038	0.007581
t-30	0.013154	-0.01015	-0.00329	-0.00255	0.000702	-0.01115	0.000997

Lampiran: 23

Return Market Periode Estimasi Perusahaan Dividen Menurun

Formula: $R_{m,t} = \frac{IHSG_{i,t} - IHSG_{i,t-1}}{IHSG_{i,t-1}}$

SAHAM	ADHI	ADMF	AKRA	ANTM	ASGR
t-31	0.004239564	0.004767878	-0.006188632	-0.008632	0.003723332
t-32	-0.000605102	0.002306738	0.004239564	0.00262918	0.00363259
t-33	0.002133945	-0.004767858	-0.000605102	0.00959268	-0.007406869
t-34	0.00260074	-0.001027441	0.002133945	-0.004513	-0.002681329
t-35	-0.003052408	-0.002953919	0.00260074	0.00042183	-0.001390711
t-36	0.004767878	0.007822353	-0.003052408	-0.0057951	0.003076826
t-37	0.002306738	-0.019311779	0.004767878	0.00070228	0.004839924
t-38	-0.004767858	0.011850989	0.002306738	-0.0118148	0.001632227
t-39	-0.001027441	0.010802002	-0.004767858	0.00488473	0.001512746
t-40	-0.002953919	0.003991017	-0.001027441	0.00398491	-0.001277259
t-41	0.007822353	0.003567713	-0.002953919	-0.0006903	-0.00246159
t-42	-0.019311779	0.002742809	0.007822353	0.00261435	0.006989723
t-43	0.011850989	0.011826001	-0.019311779	0.01767324	0.003746978
t-44	0.010802002	-0.002438168	0.011850989	0.01352438	0.011768678
t-45	0.003991017	0.001319346	0.010802002	0.01159006	-0.002608707
t-46	0.003567713	0.003497099	0.003991017	-0.0165547	0.001730049
t-47	0.002742809	-0.000637294	0.003567713	-0.0059679	-0.009954785
t-48	0.011826001	-0.000944313	0.002742809	0.00183988	-0.001984318
t-49	-0.002438168	-0.002832408	0.011826001	0.00412274	0.005982422
t-50	0.001319346	-0.00353843	-0.002438168	-0.0034233	-0.001929799
t-51	0.003497099	0.011396338	0.001319346	0.0068856	0.001062416
t-52	-0.000637294	0.005340931	0.003497099	-0.0101484	0.001909893
t-53	-0.000944313	-0.001051723	-0.000637294	-0.0038879	-0.008504194
t-54	-0.002832408	0.006017387	-0.000944313	-0.0041406	0.007884564
t-55	-0.00353843	0.006379645	-0.002832408	0.00540299	0.003118
t-56	0.011396338	-0.006190665	-0.00353843	0.00489558	-0.008355224
t-57	0.005340931	-0.004472146	0.011396338	0.0153585	0.00850146
t-58	-0.001051723	-0.004986669	0.005340931	-0.0124515	0.009909816
t-59	0.006017387	0.010746834	-0.001051723	0.00329951	-0.002292281
t-60	0.006379645	-0.005752287	0.006017387	0.01682931	-0.012830625
t-61	-0.006190665	0.02091761	0.006379645	0.01144841	0.014587475
t-62	-0.004472146	0.011018024	-0.006190665	-0.0070433	0.00715192
t-63	-0.004986669	-0.008613523	-0.004472146	0.00967162	0.016960564
t-64	0.010746834	-0.016228888	-0.004986669	0.00404093	0.003495862
t-65	-0.005752287	-0.00906499	0.010746834	-0.0004418	-0.003980843
t-66	0.02091761	-0.001980289	-0.005752287	0.00161248	0.004800321
t-67	0.011018024	0.006641182	0.02091761	0.00323943	0.00127971
t-68	-0.008613523	0.012459003	0.011018024	0.00049106	0.006903471
t-69	-0.016228888	-0.006434789	-0.008613523	0.00835999	-0.005600119
t-70	-0.00906499	5.7688E-05	-0.016228888	0.00512829	0.006910129
t-71	-0.001980289	-0.002293143	-0.00906499	0.00999192	-0.004783453
t-72	0.006641182	0.012654411	-0.001980289	0.00266739	0.004153404
t-73	0.012459003	-0.01673666	0.006641182	-0.0026383	-0.001149464
t-74	-0.006434789	-0.002434611	0.012459003	0.0009273	-0.003406836
t-75	5.7688E-05	0.008405378	-0.006434789	0.00436107	-0.004825611
t-76	-0.002293143	-0.00486471	5.7688E-05	-0.0024772	-0.004411275
t-77	0.012654411	-0.010249353	-0.002293143	0.00199283	0.004924432
t-78	-0.01673666	-0.00023728	0.012654411	0.00627134	-0.008363493
t-79	-0.002434611	0.013096177	-0.01673666	0.00016349	-0.001569416
t-80	0.008405378	0.00590684	-0.002434611	0.00314152	-0.007550076
t-81	-0.00486471	0.006777044	0.008405378	0.00500183	0.005227556
t-82	-0.010249353	-0.017873225	-0.00486471	-0.0046559	0.012488392
t-83	-0.00023728	0.000747051	-0.010249353	0.00427071	-0.010551127
t-84	0.013096177	0.005002794	-0.00023728	0.00049342	0.000326573
t-85	0.00590684	-0.00775501	0.013096177	-0.0052762	0.000608203
t-86	0.006777044	0.002023853	0.00590684	-0.0057127	-0.00194111
t-87	-0.017873225	-0.003638551	0.006777044	0.01525585	0.006120899

SAHAM	ADHI	ADMF	AKRA	ANTM	ASGR
t-88	0.000747051	0.005767806	-0.017873225	-0.0028522	0.003715358
t-89	0.005002794	0.005910113	0.000747051	0.00230403	-0.018387019
t-90	-0.00775501	0.011525651	0.005002794	0.00418167	0.004362137
t-91	0.002023853	-0.006513516	-0.00775501	0.01778623	-0.001836361
t-92	-0.003638551	0.006606696	0.002023853	-0.0026528	0.000638907
t-93	0.005767806	-3.65302E-05	-0.003638551	-0.0104432	0.012135704
t-94	0.005910113	-0.007413892	0.005767806	-0.006705	0.002928317
t-95	0.011525651	0.012797403	0.005910113	-0.0040002	-0.02373701
t-96	-0.006513516	0.005080091	0.011525651	0.00244637	-0.003294142
t-97	0.006606696	-0.00943328	-0.006513516	0.0121438	0.008000297
t-98	-3.65302E-05	-0.000296098	0.006606696	0.00690068	0.014272824
t-99	-0.007413892	0.012840937	-3.65302E-05	0.00813342	0.001708934
t-100	0.012797403	0.009390428	-0.007413892	0.0015828	0.003033779
t-101	0.005080091	0.003470927	0.012797403	0.00585391	0.007663005
t-102	-0.00943328	0.010494989	0.005080091	-0.0010816	-0.000242631
t-103	-0.000296098	-0.005333511	-0.00943328	-0.0049213	0.005709228
t-104	0.012840937	-0.002034639	-0.000296098	-0.0059462	-0.001659299
t-105	0.009390428	0.00044995	0.012840937	-0.0033414	0.000773578
t-106	0.003470927	0.000309949	0.009390428	0.0016232	-0.000286403
t-107	0.010494989	0.011174154	0.003470927	-0.0026217	0.0042461
t-108	-0.005333511	-0.004760704	0.010494989	-0.0039974	0.000191614
t-109	-0.002034639	0.000512985	-0.005333511	0.00454151	-0.01610678
t-110	0.00044995	0.018050314	-0.002034639	0.00355809	0.001342029
t-111	0.000309949	-0.013344681	0.00044995	0.0027531	-0.000422806
t-112	0.011174154	-0.003181838	0.000309949	-0.0004214	-0.001032643
t-113	-0.004760704	-0.007533942	0.011174154	0.00134485	0.001209651
t-114	0.000512985	0.008655166	-0.004760704	0.00402562	-0.000972763
t-115	0.018050314	-0.005857615	0.000512985	-0.0076217	0.004933403
t-116	-0.013344681	-0.00302489	0.018050314	0.00615105	0.000574182
t-117	-0.003181838	0.01080857	-0.013344681	-0.009943	0.001095823
t-118	-0.007533942	-0.007437302	-0.003181838	0.00331319	0.010029452
t-119	0.008655166	0.000253194	-0.007533942	-0.0075356	0.010669337
t-120	-0.005857615	-0.000334077	0.008655166	-0.0086077	-0.031632196
t-121	-0.00302489	0.017770556	-0.005857615	0.00606162	0
t-122	0.01080857	0.007405843	-0.00302489	0.00297084	7.41205E-05
t-123	-0.007437302	0.011165183	0.01080857	0.00431983	0.012988048
t-124	0.000253194	0.002710107	-0.007437302	0.00113874	-0.00682351
t-125	-0.000334077	-0.013511272	0.000253194	-0.0002487	0.004335493
t-126	0.017770556	-0.012989829	-0.000334077	-0.0086975	-0.00076509
t-127	0.007405843	0.015137355	0.017770556	0.00443209	0.022158365
t-128	0.011165183	-0.019888374	0.007405843	0.00312444	0.00957425
t-129	0.002710107	-0.009955277	0.011165183	-0.0034727	-0.001096201
t-130	-0.013511272	-0.005725392	0.002710107	0.00133368	0.005347422
t-131	-0.012989829	6.50394E-05	-0.013511272	-0.0051847	-0.003671093
t-132	0.015137355	-0.005008557	-0.012989829	0.00838119	0.004298757
t-133	-0.019888374	0.014330955	0.015137355	0.0026322	0.000264249
t-134	-0.009955277	-0.001320361	-0.019888374	-0.0082862	-0.025403916
t-135	-0.005725392	-0.019049786	-0.009955277	0.0008143	0.003297231
t-136	6.50394E-05	0.013589037	-0.005725392	-0.0034318	-0.014473636
t-137	-0.005008557	0.007254161	6.50394E-05	-0.003278	-0.00050323
t-138	0.014330955	-0.001424014	-0.005008557	0.00767262	0.032262102
t-139	-0.001320361	0.020998882	0.014330955	-0.0017947	0.008919468
t-140	-0.019049786	-0.015206847	-0.001320361	0.0008714	-0.004215178
t-141	0.013589037	0.021172789	-0.019049786	0.00120781	0.005765739
t-142	0.007254161	-0.027918553	0.013589037	-0.0025872	-0.001844698
t-143	-0.001424014	-0.010212389	0.007254161	0.00233721	-0.00041955
t-144	0.020998882	0.004446901	-0.001424014	-0.0059013	0.006156684
t-145	-0.015206847	0.019899653	0.020998882	0.0044818	0.01258077
t-146	0.021172789	0.007580937	-0.015206847	0.00195185	0.00372564
t-147	-0.027918553	0.000997105	0.021172789	0.00360592	-0.007794168
t-148	-0.010212389	0.023785117	-0.027918553	0.00049424	0.011222708
t-149	0.004446901	-0.000582929	-0.010212389	0.00616675	0.007990727
t-150	0.019899653	-0.016967392	0.004446901	0.00115818	-0.009737377

SAHAM	AUTO	BCAP	CLPI	GJTL	HMSP
t-31	0.0104109	0	0.006727408	0.007963138	-0.0048037
t-32	-0.032116513	7.41205E-05	0.009908223	-0.003607973	0.00952509
t-33	-0.05584484	0.012988048	0.01521984	-0.003299327	0.00430573
t-34	-0.024860597	-0.00682351	0.004418049	0.001665214	0.00676417
t-35	-0.003107411	0.004335493	-0.009128889	0.016640205	-0.0023697
t-36	0.010174527	-0.00076509	0.00651425	0.001496322	0.00242897
t-37	0.011879033	0.022158365	0.000475654	-0.000921847	0.0063955
t-38	-0.025502461	0.00957425	0.007086562	0.006076884	0.00421771
t-39	0.016661479	-0.001096201	0.017649433	-0.007078513	0.01087606
t-40	0.003556147	0.005347422	0.002079606	0.004081535	-0.0144089
t-41	0.003027733	-0.003671093	-0.005103071	-0.007102544	-0.0020241
t-42	0.000409718	0.004298757	-0.014174083	0.001076177	0.01630117
t-43	0.006117711	0.000264249	0.005559638	0.003009725	0.00780691
t-44	-0.01682965	-0.025403916	0.00653947	0.000747066	-0.0038661
t-45	-0.003261187	0.003297231	-0.010267557	0.01135724	-0.0074339
t-46	-0.009322781	-0.014473636	-0.00487077	-0.003813757	0.00672741
t-47	-0.010290437	-0.00050323	-0.005131978	-0.002006734	0.00990822
t-48	0.018845179	0.032262102	-0.004457989	0.007832439	0.01521984
t-49	-0.009615636	0.008919468	0.002282601	0.010353273	0.00441805
t-50	0.00084231	-0.004215178	-0.002554381	0.013772222	-0.0091289
t-51	0.008855326	0.005765739	0.001630907	-0.003148611	0.00651425
t-52	0.007528343	-0.001844698	0.000206921	-0.001179378	0.00047565
t-53	0.001792611	-0.00041955	0.002830552	-0.001253743	0.00708656
t-54	0.00056573	0.006156684	-0.001642031	0.015581145	0.01764943
t-55	0.034488981	0.01258077	0.004617263	0.010947432	0.00207961
t-56	0.016995377	0.00372564	0.009167281	-0.000319707	-0.0051031
t-57	-0.006727046	-0.007794168	-0.001526967	0.007090837	-0.0141741
t-58	-0.036756294	0.011222708	0.001982033	0.002829941	0.00555964
t-59	0.004555723	0.007990727	-0.024399672	-0.01338451	0.00653947
t-60	0.001044378	-0.009737377	0.003405043	0.001984444	-0.0102676
t-61	-0.032049218	-0.010010264	0.00510417	-0.012705391	-0.0048708
t-62	-0.010203776	-0.004859636	0.010787173	0.007794834	-0.005132
t-63	-0.008600077	0.010423953	-0.008558129	-0.012660083	-0.004458
t-64	0.03061456	0.001212875	0.006120456	-0.003064211	0.0022826
t-65	0.019186183	0.00800229	-0.007668327	0.005128346	-0.0025544
t-66	0.038212457	0.000180613	0.00989919	0.005221336	0.00163091
t-67	-0.002390334	0.010497726	0.003981051	0.005310323	0.00020692
t-68	-0.019026585	0.003647602	-0.003449736	0.013839885	0.00283055
t-69	-0.024756418	-0.001028842	-0.004642753	0.002392877	-0.001642
t-70	-0.036753541	0.005837826	0.000352298	-0.007521435	0.00461726
t-71	-0.006982073	0.00436823	0.000277949	0.012180058	0.00916728
t-72	0.013812585	-0.003563507	-0.009204824	0.007787901	-0.001527
t-73	0.002890256	0.009482219	0.007770968	0.001278796	0.00198203
t-74	0.033223143	0.00921443	0.00280629	-0.010071886	-0.0243997
t-75	-0.019204541	0.007364962	0.001050755	0.006671192	0.00340504
t-76	0.019075171	-0.007752149	0.007963138	-0.013306952	0.00510417
t-77	-0.035043791	-0.007354569	-0.003607973	-0.001100672	0.01078717
t-78	-0.018078752	0.00031868	-0.003299327	0.019542739	-0.0085581
t-79	-0.027172757	0.017435359	0.001665214	0.005149569	0.00612046
t-80	-0.004060575	0.004365499	0.016640205	5.21546E-06	-0.0076683
t-81	0.010109483	-0.025817924	0.001496322	0.00737108	0.00989919
t-82	-0.019191373	-0.013055754	-0.000921847	0.00537166	0.00398105
t-83	-0.011895368	0.004143666	0.006076884	-0.012824369	-0.0034497
t-84	-0.013660853	0.005612522	-0.007078513	-0.012272538	-0.0046428
t-85	0.004725058	0.004722306	0.004081535	-0.007963375	0.0003523
t-86	0.017914688	0.004384123	-0.007102544	-0.002420341	0.00027795
t-87	-0.013570375	-5.90914E-05	0.001076177	0.004407868	-0.0092048
t-88	0.006578264	-0.006552933	0.003009725	0.01113288	0.00777097
t-89	-0.016627536	0.011575015	0.000747066	0.009777752	0.00280629
t-90	0.00370806	0.031915565	0.01135724	-0.022491941	0.00105075
t-91	-0.005027306	0.012794724	-0.003813757	-0.007686145	0.00796314
t-92	0.013466232	0.000148789	-0.002006734	0.0036859	-0.003608
t-93	0.013193372	0.005935769	0.007832439	0.019747492	-0.0032993
t-94	-0.002200771	-0.006424972	0.010353273	0.026253248	0.00166521
t-95	0.001562384	-0.012883596	0.013772222	-0.009907236	0.01664021
t-96	0.005403367	-0.016084536	-0.003148611	-0.021590158	0.00149632
t-97	-0.010048906	0.012420726	-0.001179378	-0.017956225	-0.0009218
t-98	0.003262126	0.01452577	-0.001253743	-0.00884112	0.00607688
t-99	0.00923019	0.002414085	0.015581145	0.00365355	-0.0070785
t-100	0.010200177	0.003156875	0.010947432	-0.009361651	0.00408154

SAHAM	AUTO	BCAP	CLPI	GJTL	HMSP
t-101	0.013478512	-0.001417748	-0.000319707	0.001180113	-0.0071025
t-102	-0.013728947	-0.008606806	0.007090837	0.002861201	0.00107618
t-103	-0.013213618	0.008506995	0.002829941	0.02883806	0.00300973
t-104	0.005333288	0.003332111	-0.01338451	-0.006733302	0.00074707
t-105	0.006864111	0.013667169	0.001984444	-0.042105409	0.01135724
t-106	0.004267366	-0.011706831	-0.012705391	-0.028050586	-0.0038138
t-107	-0.003206735	-0.008876011	0.007794834	-0.012541107	-0.0020067
t-108	-0.003408883	-0.013934684	-0.012660083	0.006289244	0.00783244
t-109	0.007291345	-0.000920336	-0.003064211	0.008730731	0.01035327
t-110	-0.004321213	0.014554211	0.005128346	0.006481721	0.01377222
t-111	-0.000307713	0.00802569	0.005221336	0.001161035	-0.0031486
t-112	-0.002828299	-0.008562214	0.005310323	0.010716993	-0.0011794
t-113	0.002797824	-0.005754771	0.013839885	0.009579106	-0.0012537
t-114	0.02126041	-0.011066685	0.002392877	0.003803124	0.01558114
t-115	-0.008632033	-0.007684652	-0.007521435	-0.002527995	0.01094743
t-116	0.002629181	0.015398096	0.012180058	-0.004608167	-0.0003197
t-117	0.009592685	0.005316873	0.007787901	0.019232175	0.00709084
t-118	-0.004512995	-0.004131252	0.001278796	-0.003561259	0.00282994
t-119	0.000421828	0.003831532	-0.010071886	0.002751294	-0.0133845
t-120	-0.005795062	-0.022963439	0.006671192	-0.023665525	0.00198444
t-121	0.000702276	0.003900745	-0.013306952	-0.008497262	-0.0127054
t-122	-0.011814791	-0.001905855	-0.001100672	-0.000694948	0.00779483
t-123	0.004884731	-0.005649795	0.019542739	-0.014804272	-0.0126601
t-124	0.003984907	-0.010810864	0.005149569	-0.010137831	-0.0030642
t-125	-0.000690275	0.001079786	5.21546E-06	0.004271626	0.00512835
t-126	0.002614351	0.013411199	0.00737108	0.012799989	0.00522134
t-127	0.017673242	-0.007309397	0.00537166	0.00705765	0.00531032
t-128	0.013524383	0.015221208	-0.012824369	0.000454701	0.01383989
t-129	0.01159006	-0.017976603	-0.012272538	0.020857731	0.00239288
t-130	-0.01655473	-0.013752313	-0.007963375	0.024887511	-0.0075214
t-131	-0.005967915	-0.00781735	-0.002420341	-0.027385023	0.01218006
t-132	0.001839879	-0.002092834	0.004407868	-0.003257106	0.0077879
t-133	0.004122735	0.008168783	0.01113288	-0.016075833	0.0012788
t-134	-0.003423312	0.005984616	0.009777752	0.011817019	-0.0100719
t-135	0.006885604	-0.002098273	-0.022491941	-0.005278947	0.00667119
t-136	-0.010148359	-0.01730179	-0.007686145	-0.016848717	-0.013307
t-137	-0.003887894	-0.01404345	0.0036859	0.00434381	-0.0011007
t-138	-0.004140554	0.002653631	0.019747492	0.012818184	0.01954274
t-139	0.005402991	-0.006048979	0.026253248	0.001055232	0.00514957
t-140	0.004895583	0.002115744	-0.009907236	0.004803876	5.2155E-06
t-141	0.015358502	-0.003046679	-0.021590158	-0.002559857	0.00737108
t-142	-0.012451463	0.010633718	-0.017956225	-0.02103605	0.00537166
t-143	0.003299505	0.00748012	-0.00884112	-0.003286992	-0.0128244
t-144	0.016829312	-0.014292816	0.00365355	0.005212905	-0.0122725
t-145	0.011448408	0.006951925	-0.009361651	0.010332045	-0.0079634
t-146	-0.007043317	0.006116629	0.001180113	0.012025812	-0.0024203
t-147	0.009671617	0.005936643	0.002861201	0.007235794	0.00440787
t-148	0.004040934	-0.00611757	0.02883806	0.006482229	0.01113288
t-149	-0.00044177	0.007407237	-0.006733302	-0.005465455	0.00977775
t-150	0.001612482	0.006559874	-0.042105409	-0.005393179	-0.0224919

SAHAM	KLBF	LSIP	MPPA	PGAS
t-31	0.006864111	-0.009204824	-0.0035384	-0.028690631
t-32	0.004267366	0.007770968	0.01139634	0.01755541
t-33	-0.003206735	0.00280629	0.00534093	-0.002912376
t-34	-0.003408883	0.001050755	-0.0010517	0.010850899
t-35	0.007291345	0.007963138	0.00601739	0.029497528
t-36	-0.004321213	-0.003607973	0.00637965	0.02337496
t-37	-0.000307713	-0.003299327	-0.0061907	0.007414548
t-38	-0.002828299	0.001665214	-0.0044721	-0.005059931
t-39	0.002797824	0.016640205	-0.0049867	0.045507462
t-40	0.02126041	0.001496322	0.01074683	0.007275864
t-41	-0.008632033	-0.000921847	-0.0057523	-0.023667958
t-42	0.002629181	0.006076884	0.02091761	-0.056444679
t-43	0.009592685	-0.007078513	0.01101802	0.003351259
t-44	-0.004512995	0.004081535	-0.0086135	0.006834849
t-45	0.000421828	-0.007102544	-0.0162289	0.011292093
t-46	-0.005795062	0.001076177	-0.009065	0.0475858
t-47	0.000702276	0.003009725	-0.0019803	-0.032165167
t-48	-0.011814791	0.000747066	0.00664118	0.016978466
t-49	0.004884731	0.01135724	0.012459	-0.088803616
t-50	0.003984907	-0.003813757	-0.0064348	-0.014556132
t-51	-0.000690275	-0.002006734	5.7688E-05	-0.000783449
t-52	0.002614351	0.007832439	-0.0022931	-0.020893124
t-53	0.017673242	0.010353273	0.01265441	0.016121236
t-54	0.013524383	0.013772222	-0.0167367	-0.006502471
t-55	0.01159006	-0.003148611	-0.0024346	-0.019548411
t-56	-0.01655473	-0.001179378	0.00840538	-0.005476204
t-57	-0.005967915	-0.001253743	-0.0048647	-0.025605352
t-58	0.001839879	0.015581145	-0.0102494	-0.001719668
t-59	0.004122735	0.010947432	-0.0002373	0.000988841
t-60	-0.003423312	-0.000319707	0.01309618	0.028653726
t-61	0.006885604	0.007090837	0.00590684	0.006155657
t-62	-0.010148359	0.002829941	0.00677704	0.006362018
t-63	-0.003887894	-0.01338451	-0.0178732	0
t-64	-0.004140554	0.001984444	0.00074705	-0.000688275
t-65	0.005402991	-0.012705391	0.00500279	-0.000687043
t-66	0.004895583	0.007794834	-0.007755	-0.00861858
t-67	0.015358502	-0.012660083	0.00202385	0.0106386
t-68	-0.012451463	-0.003064211	-0.0036386	-0.000815063
t-69	0.003299505	0.005128346	0.00576781	-0.044328804
t-70	0.016829312	0.005221336	0.00591011	0.017129282
t-71	0.011448408	0.005310323	0.01152565	-0.001703241
t-72	-0.007043317	0.013839885	-0.0065135	0.017862904
t-73	0.009671617	0.002392877	0.0066067	0.005468828
t-74	0.004040934	-0.007521435	-3.653E-05	0.001498368
t-75	-0.00044177	0.012180058	-0.0074139	0.034391684
t-76	0.001612482	0.007787901	0.0127974	-0.029906299
t-77	0.003239434	0.001278796	0.00508009	-0.018200779
t-78	0.000491057	-0.010071886	-0.0094333	-0.048626563
t-79	0.00835999	0.006671192	-0.0002961	-0.003486251
t-80	0.00512829	-0.013306952	0.01284094	-0.009894895
t-81	0.009991921	-0.001100672	0.00939043	-0.003718839
t-82	0.002667394	0.019542739	0.00347093	0.015164405
t-83	-0.002638345	0.005149569	0.01049499	-0.003624693
t-84	0.000927295	5.21546E-06	-0.0053335	-0.006776213
t-85	0.004361069	0.00737108	-0.0020346	0.01000174
t-86	-0.002477198	0.00537166	0.00044995	0.011177348
t-87	0.001992834	-0.012824369	0.00030995	-0.004803664
t-88	0.006271336	-0.012272538	0.01117415	0.009525095
t-89	0.000163491	-0.007963375	-0.0047607	0.004305728
t-90	0.003141522	-0.002420341	0.00051299	0.006764173
t-91	0.005001833	0.004407868	0.01805031	-0.002369747
t-92	-0.004655926	0.01113288	-0.0133447	0.002428966
t-93	0.004270707	0.009777752	-0.0031818	0.006395504
t-94	0.000493417	-0.022491941	-0.0075339	0.004217708
t-95	-0.005276218	-0.007686145	0.00865517	0.010876058
t-96	-0.005712655	0.0036859	-0.0058576	-0.014408902
t-97	0.015255853	0.019747492	-0.0030249	-0.002024135
t-98	-0.002852225	0.026253248	0.01080857	0.016301171
t-99	0.002304034	-0.009907236	-0.0074373	0.007806905
t-100	0.004181672	-0.021590158	0.00025319	-0.003866057

SAHAM	KLBF	LSIP	MPPA	PGAS
t-101	0.017786229	-0.017956225	-0.0003341	-0.007433923
t-102	-0.002652803	-0.00884112	0.01777056	0.006727408
t-103	-0.010443213	0.00365355	0.00740584	0.009908223
t-104	-0.006704952	-0.009361651	0.01116518	0.01521984
t-105	-0.004000234	0.001180113	0.00271011	0.004418049
t-106	0.002446369	0.002861201	-0.0135113	-0.009128889
t-107	0.012143797	0.02883806	-0.0129898	0.00651425
t-108	0.006900683	-0.006733302	0.01513736	0.000475654
t-109	0.008133419	-0.042105409	-0.0198884	0.007086562
t-110	0.001582796	-0.028050586	-0.0099553	0.017649433
t-111	0.00585391	-0.012541107	-0.0057254	0.002079606
t-112	-0.00108161	0.006289244	6.5039E-05	-0.005103071
t-113	-0.004921343	0.008730731	-0.0050086	-0.014174083
t-114	-0.005946189	0.006481721	0.01433095	0.005559638
t-115	-0.003341374	0.001161035	-0.0013204	0.00653947
t-116	0.001623199	0.010716993	-0.0190498	-0.010267557
t-117	-0.002621684	0.009579106	0.01358904	-0.00487077
t-118	-0.003997408	0.003803124	0.00725416	-0.005131978
t-119	0.004541508	-0.002527995	-0.001424	-0.004457989
t-120	0.003558092	-0.004608167	0.02099888	0.002282601
t-121	0.0027531	0.019232175	-0.0152068	-0.002554381
t-122	-0.000421441	-0.003561259	0.02117279	0.001630907
t-123	0.001344846	0.002751294	-0.0279186	0.000206921
t-124	0.004025616	-0.023665525	-0.0102124	0.002830552
t-125	-0.007621712	-0.008497262	0.0044469	-0.001642031
t-126	0.006151046	-0.000694948	0.01989965	0.004617263
t-127	-0.009943037	-0.014804272	0.00758094	0.009167281
t-128	0.003313191	-0.010137831	0.0009971	-0.001526967
t-129	-0.007535558	0.004271626	0.02378512	0.001982033
t-130	-0.008607704	0.012799989	-0.0005829	-0.024399672
t-131	0.006061624	0.00705765	-0.0169674	0.003405043
t-132	0.002970841	0.000454701	0.01747055	0.00510417
t-133	0.00431983	0.020857731	-0.0286906	0.010787173
t-134	0.001138737	0.024887511	0.01755541	-0.008558129
t-135	-0.000248699	-0.027385023	-0.0029124	0.006120456
t-136	-0.008697483	-0.003257106	0.0108509	-0.007668327
t-137	0.004432093	-0.016075833	0.02949753	0.00989919
t-138	0.003124436	0.011817019	0.02337496	0.003981051
t-139	-0.003472674	-0.005278947	0.00741455	-0.003449736
t-140	0.001333677	-0.016848717	-0.0050599	-0.004642753
t-141	-0.005184706	0.00434381	0.04550746	0.000352298
t-142	0.008381193	0.012818184	0.00727586	0.000277949
t-143	0.002632196	0.001055232	-0.023668	-0.009204824
t-144	-0.008286247	0.004803876	-0.0564447	0.007770968
t-145	0.000814297	-0.002559857	0.00335126	0.00280629
t-146	-0.00343177	-0.02103605	0.00683485	0.001050755
t-147	-0.003277993	-0.003286992	0.01129209	0.007963138
t-148	0.007672618	0.005212905	0.0475858	-0.003607973
t-149	-0.001794728	0.010332045	-0.0321652	-0.003299327
t-150	0.000871396	0.012025812	0.01697847	0.001665214

SAHAM	RUIS	SCMA	SGRO	SMGR
t-31	-0.010146519	-0.003277979	-0.016103233	0.005212905
t-32	-0.016103233	-0.006630067	-0.001831416	0.010332045
t-33	-0.001831416	0.007074264	-0.014844718	0.012025812
t-34	-0.014844718	0.00959642	-0.004715157	0.007235794
t-35	-0.004715157	0.006886455	0.001106983	0.006482229
t-36	0.001106983	-0.024310643	-0.01244015	-0.005465455
t-37	-0.01244015	0.004045983	0.005340745	-0.005393179
t-38	0.005340745	-0.000198336	-0.013712047	0.002702098
t-39	-0.013712047	-0.012027137	-0.001733375	-0.000962387
t-40	-0.001733375	-0.022451688	0.001115829	0.003961656
t-41	0.001115829	-0.004575038	0.005555558	-0.008110066
t-42	0.005555558	-0.018606243	0.003648155	0.002912339
t-43	0.003648155	0.04648604	0.004022826	0.012715145
t-44	0.004022826	-0.012034259	-0.003905262	0.002713234
t-45	-0.003905262	-0.001021319	0.004002043	0.002530323
t-46	0.004002043	0.033527231	-0.001608967	-0.003850489
t-47	-0.001608967	0.004346063	0.003576429	0.007252794
t-48	0.003576429	0.001652182	-0.006188632	-0.008371638
t-49	-0.006188632	-0.002001798	0.004239564	-0.005927083
t-50	0.004239564	0.039817465	-0.000605102	0.001799299
t-51	-0.000605102	0.029197808	0.002133945	0.018248216
t-52	0.002133945	0.005305039	0.00260074	-0.000422132
t-53	0.00260074	-0.005545923	-0.003052408	0.000505219
t-54	-0.003052408	-0.021747566	0.004767878	-0.010939739
t-55	0.004767878	0.015307421	0.002306738	-0.004778262
t-56	0.002306738	-0.022372818	-0.004767858	0.003260015
t-57	-0.004767858	0.022296584	-0.001027441	0.006218527
t-58	-0.001027441	0.01915265	-0.002953919	0.006310216
t-59	-0.002953919	0.014777065	0.007822353	0.013086323
t-60	0.007822353	-0.037087888	-0.019311779	0.001668388
t-61	-0.019311779	-0.011789026	0.011850989	0.006553124
t-62	0.011850989	-0.000380193	0.010802002	0.001346912
t-63	0.010802002	-0.01114987	0.003991017	0.020723267
t-64	0.003991017	0.0104109	0.003567713	0.018107699
t-65	0.003567713	-0.032116513	0.002742809	-0.00183828
t-66	0.002742809	-0.05584484	0.011826001	-0.00644691
t-67	0.011826001	-0.024860597	-0.002438168	-0.001763528
t-68	-0.002438168	-0.003107411	0.001319346	-0.004039158
t-69	0.001319346	0.010174527	0.003497099	0.012874248
t-70	0.003497099	0.011879033	-0.000637294	-0.004587356
t-71	-0.000637294	-0.025502461	-0.000944313	0.039043149
t-72	-0.000944313	0.016661479	-0.002832408	0.00427086
t-73	-0.002832408	0.003556147	-0.00353843	0.016708666
t-74	-0.00353843	0.003027733	0.011396338	0.013493325
t-75	0.011396338	0.000409718	0.005340931	-0.004199574
t-76	0.005340931	0.006117711	-0.001051723	0.017337411
t-77	-0.001051723	-0.01682965	0.006017387	-0.00570432
t-78	0.006017387	-0.003261187	0.006379645	-0.001664546
t-79	0.006379645	-0.009322781	-0.006190665	-0.012845903
t-80	-0.006190665	-0.010290437	-0.004472146	0.001983204
t-81	-0.004472146	0.018845179	-0.004986669	0.00769548
t-82	-0.004986669	-0.009615636	0.010746834	-0.004409109
t-83	0.010746834	0.00084231	-0.005752287	0.003532684
t-84	-0.005752287	0.008855326	0.02091761	0.003983406
t-85	0.02091761	0.007528343	0.011018024	0.010827555
t-86	0.011018024	0.001792611	-0.008613523	0.006383999
t-87	-0.008613523	0.00056573	-0.016228888	-0.000134585
t-88	-0.016228888	0.034488981	-0.00906499	0.009044676
t-89	-0.00906499	0.016995377	-0.001980289	-0.003187172
t-90	-0.001980289	-0.006727046	0.006641182	-0.007144789
t-91	0.006641182	-0.036756294	0.012459003	-0.008251809
t-92	0.012459003	0.004555723	-0.006434789	0.007189744
t-93	-0.006434789	0.001044378	5.7688E-05	0.005140362
t-94	5.7688E-05	-0.032049218	-0.002293143	0.020680101
t-95	-0.002293143	-0.010203776	0.012654411	0.003225343
t-96	0.012654411	-0.008600077	-0.01673666	-0.027892637
t-97	-0.01673666	0.03061456	-0.002434611	-0.003356171
t-98	-0.002434611	0.019186183	0.008405378	-0.008891678

SAHAM	RUIS	SCMA	SGRO	SMGR
t-99	0.008405378	0.038212457	-0.00486471	0.012867094
t-100	-0.00486471	-0.002390334	-0.010249353	0.005193554
t-101	-0.010249353	-0.019026585	-0.00023728	0.005946032
t-102	-0.00023728	-0.024756418	0.013096177	-0.006022659
t-103	0.013096177	-0.036753541	0.00590684	0.010663701
t-104	0.00590684	-0.006982073	0.006777044	-0.001154105
t-105	0.006777044	0.013812585	-0.017873225	0.005995765
t-106	-0.017873225	0.002890256	0.000747051	0.006677338
t-107	0.000747051	0.033223143	0.005002794	-0.005640171
t-108	0.005002794	-0.019204541	-0.00775501	0.00397673
t-109	-0.00775501	0.019075171	0.002023853	-0.000155032
t-110	0.002023853	-0.035043791	-0.003638551	0.006600385
t-111	-0.003638551	-0.018078752	0.005767806	0.000919612
t-112	0.005767806	-0.027172757	0.005910113	0.005059628
t-113	0.005910113	-0.004060575	0.011525651	0.009598396
t-114	0.011525651	0.010109483	-0.006513516	0.004777326
t-115	-0.006513516	-0.019191373	0.006606696	-0.002956043
t-116	0.006606696	-0.011895368	-3.65302E-05	0.011588623
t-117	-3.65302E-05	-0.013660853	-0.007413892	0.0020024
t-118	-0.007413892	0.004725058	0.012797403	-0.00093732
t-119	0.012797403	0.017914688	0.005080091	-0.013534765
t-120	0.005080091	-0.013570375	-0.00943328	0.007020527
t-121	-0.00943328	0.006578264	-0.000296098	-0.021098273
t-122	-0.000296098	-0.016627536	0.012840937	0.002955179
t-123	0.012840937	0.00370806	0.009390428	0.011299556
t-124	0.009390428	-0.005027306	0.003470927	-0.003656697
t-125	0.003470927	0.013466232	0.010494989	-0.003339163
t-126	0.010494989	0.013193372	-0.005333511	-0.002486136
t-127	-0.005333511	-0.002200771	-0.002034639	0.00420331
t-128	-0.002034639	0.001562384	0.00044995	0.0133137
t-129	0.00044995	0.005403367	0.000309949	0.011347615
t-130	0.000309949	-0.010048906	0.011174154	0.010065052
t-131	0.011174154	0.003262126	-0.004760704	0.001180185
t-132	-0.004760704	0.00923019	0.000512985	0.008900385
t-133	0.000512985	0.010200177	0.018050314	0.011228513
t-134	0.018050314	0.013478512	-0.013344681	-0.005386567
t-135	-0.013344681	-0.013728947	-0.003181838	0.002089962
t-136	-0.003181838	-0.013213618	-0.007533942	0.010817266
t-137	-0.007533942	0.005333288	0.008655166	-0.025863117
t-138	0.008655166	0.006864111	-0.005857615	0.004366428
t-139	-0.005857615	0.004267366	-0.00302489	0.028276582
t-140	-0.00302489	-0.003206735	0.01080857	0.003326338
t-141	0.01080857	-0.003408883	-0.007437302	-0.025864552
t-142	-0.007437302	0.007291345	0.000253194	0.030595535
t-143	0.000253194	-0.004321213	-0.000334077	0.006356866
t-144	-0.000334077	-0.000307713	0.017770556	0.072654133
t-145	0.017770556	-0.002828299	0.007405843	-0.036592137
t-146	0.007405843	0.002797824	0.011165183	-0.005188598
t-147	0.011165183	0.02126041	0.002710107	-0.026362845
t-148	0.002710107	-0.008632033	-0.013511272	-0.012908986
t-149	-0.013511272	0.002629181	-0.012989829	-0.036942582
t-150	-0.012989829	0.009592685	0.015137355	0.005219446

SAHAM	TINS	TOTL	UNTR	UNVR
t-31	0.001630907	-0.011814791	0.0104109	0.02378512
t-32	0.000206921	0.004884731	-0.032116513	-0.0005829
t-33	0.002830552	0.003984907	-0.05584484	-0.0169674
t-34	-0.001642031	-0.000690275	-0.024860597	0.01747055
t-35	0.004617263	0.002614351	-0.003107411	-0.0286906
t-36	0.009167281	0.017673242	0.010174527	0.01755541
t-37	-0.001526967	0.013524383	0.011879033	-0.0029124
t-38	0.001982033	0.01159006	-0.025502461	0.0108509
t-39	-0.024399672	-0.01655473	0.016661479	0.02949753
t-40	0.003405043	-0.005967915	0.003556147	0.02337496
t-41	0.00510417	0.001839879	0.003027733	0.00741455
t-42	0.010787173	0.004122735	0.000409718	-0.0050599
t-43	-0.008558129	-0.003423312	0.006117711	0.04550746
t-44	0.006120456	0.006885604	-0.01682965	0.00727586
t-45	-0.007668327	-0.010148359	-0.003261187	-0.023668
t-46	0.00989919	-0.003887894	-0.009322781	-0.0564447
t-47	0.003981051	-0.004140554	-0.010290437	0.00335126
t-48	-0.003449736	0.005402991	0.018845179	0.00683485
t-49	-0.004642753	0.004895583	-0.009615636	0.01129209
t-50	0.000352298	0.015358502	0.00084231	0.0475858
t-51	0.000277949	-0.012451463	0.008855326	-0.0321652
t-52	-0.009204824	0.003299505	0.007528343	0.01697847
t-53	0.007770968	0.016829312	0.001792611	-0.0888036
t-54	0.00280629	0.011448408	0.00056573	-0.0145561
t-55	0.001050755	-0.007043317	0.034488981	-0.0007834
t-56	0.007963138	0.009671617	0.016995377	-0.0208931
t-57	-0.003607973	0.004040934	-0.006727046	0.01612124
t-58	-0.003299327	-0.00044177	-0.036756294	-0.0065025
t-59	0.001665214	0.001612482	0.004555723	-0.0195484
t-60	0.016640205	0.003239434	0.001044378	-0.0054762
t-61	0.001496322	0.000491057	-0.032049218	-0.0256054
t-62	-0.000921847	0.00835999	-0.010203776	-0.0017197
t-63	0.006076884	0.00512829	-0.008600077	0.00098884
t-64	-0.007078513	0.009991921	0.03061456	0.02865373
t-65	0.004081535	0.002667394	0.019186183	0.00615566
t-66	-0.007102544	-0.002638345	0.038212457	0.00636202
t-67	0.001076177	0.000927295	-0.002390334	0
t-68	0.003009725	0.004361069	-0.019026585	-0.0006883
t-69	0.000747066	-0.002477198	-0.024756418	-0.000687
t-70	0.01135724	0.001992834	-0.036753541	-0.0086186
t-71	-0.003813757	0.006271336	-0.006982073	0.0106386
t-72	-0.002006734	0.000163491	0.013812585	-0.0008151
t-73	0.007832439	0.003141522	0.002890256	-0.0443288
t-74	0.010353273	0.005001833	0.033223143	0.01712928
t-75	0.013772222	-0.004655926	-0.019204541	-0.0017032
t-76	-0.003148611	0.004270707	0.019075171	0.0178629
t-77	-0.001179378	0.000493417	-0.035043791	0.00546883
t-78	-0.001253743	-0.005276218	-0.018078752	0.00149837
t-79	0.015581145	-0.005712655	-0.027172757	0.03439168
t-80	0.010947432	0.015255853	-0.004060575	-0.0299063
t-81	-0.000319707	-0.002852225	0.010109483	-0.0182008
t-82	0.007090837	0.002304034	-0.019191373	-0.0486266
t-83	0.002829941	0.004181672	-0.011895368	-0.0034863
t-84	-0.01338451	0.017786229	-0.013660853	-0.0098949
t-85	0.001984444	-0.002652803	0.004725058	-0.0037188
t-86	-0.012705391	-0.010443213	0.017914688	0.0151644
t-87	0.007794834	-0.006704952	-0.013570375	-0.0036247
t-88	-0.012660083	-0.004000234	0.006578264	-0.0067762
t-89	-0.003064211	0.002446369	-0.016627536	0.01000174
t-90	0.005128346	0.012143797	0.00370806	0.01117735
t-91	0.005221336	0.006900683	-0.005027306	-0.0048037
t-92	0.005310323	0.008133419	0.013466232	0.00952509
t-93	0.013839885	0.001582796	0.013193372	0.00430573
t-94	0.002392877	0.00585391	-0.002200771	0.00676417
t-95	-0.007521435	-0.00108161	0.001562384	-0.0023697
t-96	0.012180058	-0.004921343	0.005403367	0.00242897
t-97	0.007787901	-0.005946189	-0.010048906	0.0063955
t-98	0.001278796	-0.003341374	0.003262126	0.00421771
t-99	-0.010071886	0.001623199	0.00923019	0.01087606
t-100	0.006671192	-0.002621684	0.010200177	-0.0144089

SAHAM	TINS	TOTL	UNTR	UNVR
t-101	-0.013306952	-0.003997408	0.013478512	-0.0020241
t-102	-0.001100672	0.004541508	-0.013728947	0.01630117
t-103	0.019542739	0.003558092	-0.013213618	0.00780691
t-104	0.005149569	0.0027531	0.005333288	-0.0038661
t-105	5.21546E-06	-0.000421441	0.006864111	-0.0074339
t-106	0.00737108	0.001344846	0.004267366	0.00672741
t-107	0.00537166	0.004025616	-0.003206735	0.00990822
t-108	-0.012824369	-0.007621712	-0.003408883	0.01521984
t-109	-0.012272538	0.006151046	0.007291345	0.00441805
t-110	-0.007963375	-0.009943037	-0.004321213	-0.0091289
t-111	-0.002420341	0.003313191	-0.000307713	0.00651425
t-112	0.004407868	-0.007535558	-0.002828299	0.00047565
t-113	0.01113288	-0.008607704	0.002797824	0.00708656
t-114	0.009777752	0.006061624	0.02126041	0.01764943
t-115	-0.022491941	0.002970841	-0.008632033	0.00207961
t-116	-0.007686145	0.00431983	0.002629181	-0.0051031
t-117	0.0036859	0.001138737	0.009592685	-0.0141741
t-118	0.019747492	-0.000248699	-0.004512995	0.00555964
t-119	0.026253248	-0.008697483	0.000421828	0.00653947
t-120	-0.009907236	0.004432093	-0.005795062	-0.0102676
t-121	-0.021590158	0.003124436	0.000702276	-0.0048708
t-122	-0.017956225	-0.003472674	-0.011814791	-0.005132
t-123	-0.00884112	0.001333677	0.004884731	-0.004458
t-124	0.00365355	-0.005184706	0.003984907	0.0022826
t-125	-0.009361651	0.008381193	-0.000690275	-0.0025544
t-126	0.001180113	0.002632196	0.002614351	0.00163091
t-127	0.002861201	-0.008286247	0.017673242	0.00020692
t-128	0.02883806	0.000814297	0.013524383	0.00283055
t-129	-0.006733302	-0.00343177	0.01159006	-0.001642
t-130	-0.042105409	-0.003277993	-0.01655473	0.00461726
t-131	-0.028050586	0.007672618	-0.005967915	0.00916728
t-132	-0.012541107	-0.001794728	0.001839879	-0.001527
t-133	0.006289244	0.000871396	0.004122735	0.00198203
t-134	0.008730731	0.001207807	-0.003423312	-0.0243997
t-135	0.006481721	-0.002587181	0.006885604	0.00340504
t-136	0.001161035	0.002337208	-0.010148359	0.00510417
t-137	0.010716993	-0.005901334	-0.003887894	0.01078717
t-138	0.009579106	0.004481804	-0.004140554	-0.0085581
t-139	0.003803124	0.001951851	0.005402991	0.00612046
t-140	-0.002527995	0.003605916	0.004895583	-0.0076683
t-141	-0.004608167	0.00049424	0.015358502	0.00989919
t-142	0.019232175	0.006166748	-0.012451463	0.00398105
t-143	-0.003561259	0.001158182	0.003299505	-0.0034497
t-144	0.002751294	-5.61252E-05	0.016829312	-0.0046428
t-145	-0.023665525	0.002815014	0.011448408	0.0003523
t-146	-0.008497262	-0.009992105	-0.007043317	0.00027795
t-147	-0.000694948	0.009330068	0.009671617	-0.0092048
t-148	-0.014804272	0.004692381	0.004040934	0.00777097
t-149	-0.010137831	-0.001251548	-0.00044177	0.00280629
t-150	0.004271626	0.004849971	0.001612482	0.00105075

Lampiran: 24

Return Saham Harian Periode Estimasi Perusahaan Dividen Menurun

Formula: $R_{i,t} = \frac{P_{i,t} - P_{i,t-1}}{P_{i,t-1}}$

Saham	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP
t-31	-0.0204082	0.0039063	0	0	-0.0044643	0.0134228	-0.0687831
t-32	-0.0392157	0	0.011976	0.0072464	0	-0.0509554	0.0053191
t-33	0.0408163	0	-0.0233918	-0.028169	0.009009	-0.0308642	-0.06
t-34	-0.010101	-0.0038911	0	0	-0.0133333	0	0
t-35	0.0102041	0.0039063	0.0058824	0	0.0022272	0.0062112	0
t-36	0.1136364	-0.0153846	0.0059172	0.0142857	-0.0110132	0.00625	-0.0049751
t-37	0.0114943	-0.0076336	-0.0116959	-0.0277778	0.0318182	-0.030303	0.0151515
t-38	0.0357143	0	0	0.0285714	0	0	-0.038835
t-39	0.0243902	0.0038314	0.0555556	-0.0140845	-0.011236	0	-0.0236967
t-40	0.0123457	0.0038462	-0.006135	0.0215827	0.0159817	0	0
t-41	0	0	-0.0060976	0	0	0	-0.0622222
t-42	0	0.0569106	0.0123457	-0.0071429	-0.0022779	0	0
t-43	0	0	-0.0121951	0.0218978	-0.0022727	0	0
t-44	0.0519481	0.0040816	0	0	0.0022779	0.0185185	-0.0088106
t-45	-0.0253165	0	0.006135	-0.0214286	0.0209302	0.0125	0.0509259
t-46	0	0.0082305	-0.0523256	0	0.0046729	-0.0123457	-0.0357143
t-47	-0.0125	-0.0040984	0	0.0218978	-0.0294785	0.0125	-0.0386266
t-48	0.0526316	0	0	0.0223881	0	-0.0184049	0.0174672
t-49	0.0410959	0.0041152	0	0	-0.0328947	0	0
t-50	-0.0135135	-0.0081633	0	-0.0074074	0	0	-0.008658
t-51	0.0422535	0.0251046	0	-0.0217391	0	0	-0.0170213
t-52	-0.0273973	-0.0123967	0.068323	0.0072993	0	0	-0.0167364
t-53	0	0	0.0254777	0.0378788	0	0	-0.0401606
t-54	-0.0135135	-0.0122449	0	0.0153846	0	0.0584416	0.0375
t-55	0.0136986	0	-0.0125786	-0.0151515	0.0155902	0	-0.0082645
t-56	-0.0135135	-0.004065	-0.0304878	-0.0222222	0.0044743	0	0.1
t-57	-0.0133333	-0.0040486	0	0.0227273	0.0252294	0.0266667	0
t-58	0.0416667	-0.0040323	0.0123457	-0.0222222	0.0069284	-0.0131579	0.0045662
t-59	0	0	-0.006135	-0.0145985	0.0408654	0.0133333	-0.0135135
t-60	0	0	0.0061728	0	0	-0.0131579	0
t-61	0	0	-0.0181818	0.0620155	-0.0234742	0.0133333	-0.038961
t-62	0	0	0.0185185	-0.0076923	0.0167064	-0.0066225	-0.0128205
t-63	-0.0136986	0	0.0318471	0	0.0169903	-0.0382166	-0.025
t-64	0.0138889	0	0.0328947	0.0077519	0	-0.0063291	0.038961
t-65	0	0.0163934	0.0066225	0.0078125	-0.0260047	0.0193548	-0.0085837
t-66	-0.0136986	0	0	0.015873	0.0095465	-0.0251572	0.008658
t-67	0.0138889	0	0	-0.007874	0	0	0.0221239
t-68	0.0140845	-0.0278884	0.0066667	-0.0155039	-0.0141176	-0.0245399	-0.0258621
t-69	0	-0.0079051	0.0135135	0	-0.0384615	0	-0.0042918
t-70	0.0142857	0.0242915	0.0277778	-0.0373134	-0.0022573	0	0.0590909
t-71	0	0.0164609	0	0.0151515	-0.0155556	-0.0121212	-0.0045249
t-72	-0.0140845	-0.0121951	-0.027027	-0.0149254	0.0180995	-0.011976	-0.0264317
t-73	-0.0273973	0.0165289	-0.0067114	-0.0147059	-0.0177778	-0.0059524	-0.004386
t-74	0	-0.0202429	-0.0197368	0	-0.0131579	-0.0059172	0
t-75	-0.0266667	0.004065	0	0	0.0155902	-0.0231214	0
t-76	0.0135135	0.0040816	-0.0065359	-0.0072993	-0.0153509	0.0421687	0
t-77	0	-0.0120968	-0.0064935	-0.0072464	-0.0086957	-0.005988	0.0363636
t-78	0.0136986	-0.0040161	0.033557	0.0072993	-0.004329	0	0.0377358
t-79	-0.0135135	0.0289256	0.0136054	-0.0072464	0.0131579	-0.0059524	-0.0535714
t-80	0.0422535	-0.0396825	-0.02	-0.0142857	-0.0065359	0	0.0181818
t-81	0	0	0.0273973	0.0294118	0.0154867	0.0434783	0.0185185
t-82	0.0142857	0	0.028169	0	0.0414747	-0.0061728	-0.1
t-83	-0.0140845	0.008	0.0070922	-0.0215827	0.0046296	-0.0526316	0
t-84	0	0	-0.0408163	0.0220588	0	-0.0115607	-0.0322581
t-85	0.0289855	0.0080645	-0.0134228	-0.0144928	-0.0023095	0	0.0689655
t-86	-0.028169	0	0.0136054	-0.0071942	0.009324	0.0297619	0.0943396
t-87	-0.0138889	0	0.0137931	0.0530303	-0.0023256	-0.0059172	-0.1166667
t-88	0.0140845	0.0247934	0	0.0076336	0.0117647	-0.0174419	0
t-89	0.0289855	0	-0.0068493	-0.0150376	0	0.0117647	0.0084034
t-90	0	0	0.0068966	0	-0.0318907	0	0.017094

Saham	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP
t-91	0.0147059	-0.0396825	-0.0068493	0.0152672	-0.0067873	0.1111111	-0.0168067
t-92	-0.0422535	0	0.057971	-0.0367647	0	0.0625	-0.048
t-93	-0.0138889	0.008	0	0.0074074	0.0068337	-0.027027	0.0416667
t-94	0.0434783	0.0040161	0	-0.0073529	-0.0134831	0.0496454	-0.0243902
t-95	0.0298507	0.0163265	0	-0.0285714	-0.0022422	0.0217391	0
t-96	0	0.0381356	0.0298507	-0.0140845	0	0.037594	0
t-97	0	0.0042553	-0.0289855	-0.0138889	0.056872	-0.0220588	-0.0465116
t-98	0.0151515	0	0	0.0434783	0	-0.0072993	0.0078125
t-99	0	0	-0.028169	0.0222222	0.0119904	-0.0072464	-0.0153846
t-100	-0.0149254	0	0.0142857	-0.0145985	0.0637755	-0.0142857	0
t-101	0.0307692	-0.0042373	-0.0070922	-0.0072464	0.0234987	0	0
t-102	0.0833333	0.0305677	-0.0275862	0.0298507	0.0078947	0	-0.0151515
t-103	0	-0.0255319	0.0902256	-0.0147059	-0.0843373	0	0
t-104	0	-0.012605	0	0	-0.0589569	0	-0.0149254
t-105	0	-0.0083333	0.0075758	0.0225564	0.0045558	0	0
t-106	0.0344828	-0.0163934	-0.0294118	0.0390625	0	0	0
t-107	-0.0169492	-0.0393701	0.0074074	0	0.0257009	0.0218978	0.1652174
t-108	0	0.1339286	0.0074627	0	0.0190476	-0.0143885	0.0648148
t-109	-0.0166667	-0.0218341	0.0151515	0	0	-0.0347222	0
t-110	0.0169492	0.0409091	0.0393701	0.015873	0.0023866	-0.033557	0
t-111	0.0172414	-0.0350877	0.0325203	-0.015625	-0.02331	-0.0197368	-0.0181818
t-112	0	0	0.0165289	0	0.0117925	0.0066225	-0.0178571
t-113	0	0	0	0	0.0167866	-0.0065789	0.009009
t-114	0	0	0	0.015873	0.0072464	0.0066225	0.0090909
t-115	0	0	0.0083333	0	0.035	0.0093583	-0.0350877
t-116	-0.0169492	0	0.0169492	-0.007874	0	0.0064531	0.0178571
t-117	0	0	0	0	0.025641	0	-0.042735
t-118	0	0.027027	0	0	0	0	0.0446429
t-119	0.0172414	-0.0220264	-0.0084034	0	0	0	-0.0508475
t-120	0	0	0	0.0079365	0.0051546	0.0130695	-0.0247934
t-121	0	0.0044248	0.0084746	0	-0.0025707	-0.0064923	0.0521739
t-122	0	0.0272727	-0.0084034	0.0243902	-0.0226131	0	-0.0416667
t-123	0.0175439	0	0	-0.0080645	0.0101523	-0.0253171	0
t-124	0.0555556	0	0.0084746	0.0081301	0.0180879	0.0193567	0
t-125	-0.0847458	0.0280374	-0.0166667	-0.0238095	0	-0.0064118	0
t-126	0.0727273	-0.036036	-0.0243902	-0.015625	0.0211082	0	-0.0082645
t-127	0.2359551	0	0.0165289	0.007874	0.0026455	0	0.0168067
t-128	-0.0111111	-0.0305677	0.0083333	0.0241935	0.0327869	-0.0126586	0.0084746
t-129	-0.010989	0	0	0.0081301	-0.0213904	-0.0125003	0
t-130	0.0111111	0	-0.0082645	0	0.0108108	0	-0.078125
t-131	0	0.0132743	0.0254237	-0.016	-0.0364583	0	0.007874
t-132	-0.010989	0	0	0	0	0.0126586	-0.0522388
t-133	-0.0108696	-0.0173913	-0.0084034	0	-0.0351759	-0.0186328	0.0075188
t-134	0	-0.0254237	0.0438596	0.0162602	0.0391645	0	-0.0148148
t-135	0.0222222	-0.0406504	0	0	-0.0051948	0	0
t-136	-0.0217391	0.0336134	0	0	0.0131579	0	0.0714286
t-137	0	-0.0517928	0.0088496	-0.0080645	0.0133333	0.0062489	-0.015625
t-138	-0.0107527	-0.0346154	0	-0.008	0.0190217	0.0457515	-0.0518519
t-139	0.0108696	0.04	-0.034188	0	0	0	0
t-140	-0.0107527	-0.015748	-0.025	-0.0079365	0.0054645	-0.0129009	-0.0217391
t-141	-0.0210526	0.0325203	-0.0322581	0	0.0166667	-0.0064118	-0.0416667
t-142	-0.0104167	0.0837004	0.0333333	0	0	-0.0310555	0
t-143	0	-0.004386	-0.0082645	0	-0.0190736	-0.0242431	-0.0649351
t-144	-0.0204082	0	-0.0081967	-0.015625	0	0.006099	0
t-145	-0.010101	0	0.0166667	-0.0077519	0	-0.006062	-0.0128205
t-146	0	0	0	0.0078125	-0.0054201	0.0248454	0
t-147	0	0.0178571	-0.0163934	0	0.0054496	-0.0301201	0.012987
t-148	0.0102041	0.0181818	0	-0.0077519	-0.0467532	0.0310555	-0.0064516
t-149	-0.02	0	-0.0081301	0.0078125	-0.0178571	0.0189865	0.0064935
t-150	0.010101	0.0280374	-0.0465116	-0.0077519	0.0103093	0	-0.0064516

Saham	CLPI	GJTL	HMSP	KLBF	LSIP
t-31	-0.0224719	0	0.0231023	-0.0073529	-0.019802
t-32	0.0853659	-0.0106383	0.0066445	-0.0215827	0.0306122
t-33	0.0512821	0	0.0016639	0.0072464	0.0315789
t-34	-0.005102	0.0107527	0.0016667	0.0222222	-0.0104167
t-35	0.037037	-0.0106383	-0.0049751	-0.0073529	0.0105263
t-36	-0.015625	-0.0105263	0.0255102	-0.0072993	0
t-37	0.2307692	0.0106383	0.003413	0.0300752	-0.0206186
t-38	0.0684932	-0.0105263	0.0103448	0	0
t-39	0.0428571	0.0106383	-0.0068493	0.0075758	0
t-40	0	0	0.0034364	0.0393701	0.0104167
t-41	0.0144928	-0.0105263	0.0121739	0.0079365	0
t-42	0.0072993	0	0.0017422	0	0
t-43	-0.0143885	0.0215054	-0.0034722	0	0
t-44	0.112	0.0108696	-0.0068966	0.0243902	0.0212766
t-45	-0.015748	0.010989	0.013986	0	-0.0309278
t-46	-0.0451128	-0.0108696	0.0106007	0	0.0319149
t-47	0.1465517	0	0.0107143	0.0165289	-0.0105263
t-48	-0.0413223	0.0337079	-0.0070922	-0.0081967	0.0106383
t-49	-0.0162602	0.0113636	0.0017762	-0.0081301	0
t-50	0.0081967	0.0352941	0.0035651	0	0.0107527
t-51	0.079646	-0.0116279	0.0017857	-0.0314961	-0.0106383
t-52	0.0560748	0.0117647	0	0	0.032967
t-53	0.038835	-0.0116279	0.0017889	0.016	-0.0319149
t-54	-0.0462963	0.0117647	-0.0035651	0.0080645	0.032967
t-55	-0.0442478	0	-0.0017794	0	-0.0108696
t-56	0.0660377	-0.0229885	-0.0053097	-0.0387597	0.010989
t-57	0.1777778	-0.0224719	0	0.0238095	-0.0108696
t-58	0.1111111	-0.0111111	-0.0325342	0.016129	0.0454545
t-59	0.0657895	0.0344828	0.0034364	0.0420168	-0.011236
t-60	-0.05	0	-0.0102041	-0.0403226	0
t-61	0	-0.0113636	0.0103093	-0.015873	0
t-62	0.0126582	0.0232558	0.0034483	0	-0.0326087
t-63	0.0128205	0	0	-0.007874	0.0454545
t-64	0	0.0617284	-0.0051458	0.0325203	-0.032967
t-65	0.0833333	-0.0121951	0.0069085	0	0
t-66	0.1428571	0	0.0017301	-0.0314961	-0.0421053
t-67	0.05	0	-0.0034483	-0.0451128	0.0106383
t-68	-0.0163934	0.0123457	0.0069444	0.0310078	-0.0208333
t-69	0.0338983	-0.0121951	0.006993	-0.0300752	0.0105263
t-70	0.18	0	0	0.0075758	0.0106383
t-71	-0.0196078	-0.0120482	0.0035088	0.03125	0.032967
t-72	0.0515464	0	-0.0104167	0	0.0111111
t-73	0.1022727	-0.045977	0.0034843	-0.0153846	0.011236
t-74	0.0232558	0.0116279	0.025	0.031746	0.0348837
t-75	0	-0.0227273	0.0017889	-0.0232558	0
t-76	0.0238095	0	-0.0017857	0.015748	-0.7952381
t-77	0.0909091	0	0.0035842	0.0325203	-0.0277778
t-78	0	0.0114943	0	0.0165289	-0.0091743
t-79	0	-0.0113636	0.0017953	0.0521739	-0.0090909
t-80	0	0.0232558	0.0036036	0	0.0045662
t-81	0.0131579	0	-0.0017986	0.0267857	0.0379147
t-82	0	0.0117647	0	0.009009	-0.0321101
t-83	0	-0.0229885	-0.0035842	-0.0089286	-0.018018
t-84	-0.025641	-0.0113636	-0.0017889	-0.0088496	0.0183486
t-85	-0.0126582	0.0114943	-0.0017857	0	-0.0045662
t-86	-0.0246914	-0.0113636	0	-0.0087719	-0.0179372
t-87	0	0	0	0.0178571	-0.0219298
t-88	-0.0240964	-0.032967	0	0.0275229	0
t-89	0.0246914	0	0	0	-0.0338983
t-90	0.0384615	0	0	-0.0267857	0
t-91	0	-0.0108696	0	0	0.008547
t-92	0.012987	0.0337079	0	-0.0088496	-0.0084746
t-93	0.0266667	0.0470588	0	0.0272727	0.008547
t-94	0.0135135	-0.0116279	0	0.0091743	-0.025
t-95	0.0136986	0	-0.0123457	0	0.0041841

Saham	CLPI	GJTL	HMSP	KLBF	LSIP
t-96	-0.0394737	-0.0337079	0	-0.0267857	-0.0041667
t-97	0	0.0113636	0.0071048	0.0275229	0.0714286
t-98	0.1014493	-0.011236	-0.0088028	0.0283019	-0.0088496
t-99	-0.0142857	-0.021978	0.0017637	0	-0.034188
t-100	-0.0140845	0.0111111	0.0035398	0	-0.037037
t-101	0	-0.0217391	-0.0017668	0	0.0125
t-102	-0.0533333	0.0823529	-0.0104895	0.0192308	-0.0041494
t-103	-0.1071429	-0.0116279	0.0017513	0	-0.0242915
t-104	-0.0666667	-0.0337079	-0.0715447	0	0.0248963
t-105	0.0465116	-0.0326087	0.1603774	0.04	0
t-106	0.075	-0.0107527	0.0114504	-0.009901	0.04329
t-107	0.0666667	0	0.0038314	0	0.0043478
t-108	0.0273973	-0.0106383	0.007722	-0.0098039	-0.0416667
t-109	-0.0394737	0.0217391	-0.0076628	0.02	-0.0243902
t-110	0.1176471	-0.0107527	-0.0113636	0	-0.0199203
t-111	0.0149254	0.0108696	0	-0.0291262	-0.0039683
t-112	-0.0147059	0	0.017341	0.0098039	-0.007874
t-113	-0.0144928	-0.0212766	0	-0.0097087	-0.0116732
t-114	0.0454545	-0.0105263	0	-0.0096154	0.028
t-115	0	0	0.0216535	-0.0280374	0.0121457
t-116	0.0153846	0.0795455	-0.0039216	0.0288462	0.0291667
t-117	-0.0151515	-0.011236	0.0059172	0.0097087	0.0126582
t-118	0.0153846	0.0113636	0	0	0
t-119	0	-0.0222222	0.0099602	-0.0283019	0
t-120	-0.0151515	0	-0.0098619	0.0291262	0.0128205
t-121	0.03125	-0.0322581	-0.0019685	0	0.0218341
t-122	-0.0153846	0.0108696	0	-0.0096154	0.0315315
t-123	0.031746	0	-0.0019646	0	-0.0431034
t-124	0	-0.0212766	0.0019685	0	-0.0333333
t-125	-0.015625	0.0107527	0.0019724	0.029703	-0.0041494
t-126	0	-0.0210526	-0.0019685	-0.0098039	0.0041667
t-127	0	-0.0306122	0	-0.0097087	-0.0163934
t-128	0	0.0208333	-0.0116732	-0.0373832	-0.0040816
t-129	-0.0153846	0.0434783	-0.0019417	-0.0446429	0.0251046
t-130	-0.0151515	-0.0315789	0.0137795	-0.0088496	-0.0123967
t-131	0.047619	-0.0104167	-0.0135922	0.018018	0
t-132	0	-0.0103093	0.0019455	0	0.0125523
t-133	-0.0307692	0.0104167	-0.003876	0.0673077	-0.0041667
t-134	0.015625	-0.04	0.0137525	0	0.025641
t-135	-0.0153846	0	0.0079208	0	0.030837
t-136	0.015625	0	-0.0019763	0	-0.0215517
t-137	0.015873	0	-0.0155642	0	-0.008547
t-138	-0.015625	-0.0291262	0.0178218	0.029703	-0.0042553
t-139	0	0	-0.0039448	-0.0194175	0.039823
t-140	-0.0153846	0	-0.0058824	0.0098039	-0.0087719
t-141	0.015625	-0.0190476	0	-0.0097087	-0.0338983
t-142	0.015873	-0.009434	-0.0019569	0.019802	0.008547
t-143	-0.0307692	0.0291262	-0.0019531	-0.0098039	0.012987
t-144	-0.0151515	0.0098039	-0.0019493	0.009901	-0.0128205
t-145	0	0.0408163	0.0118343	-0.0098039	0
t-146	0.047619	-0.02	-0.0058824	0.030303	-0.0487805
t-147	-0.015625	0.0204082	-0.0039063	0.0102041	-0.0120482
t-148	-0.030303	-0.010101	0.0058939	0	-0.019685
t-149	-0.0149254	0.0206186	0.0019685	0	0.0039526
t-150	0	0.0430108	-0.019305	0	0.012

Saham	MPPA	PGAS	RUIS	SCMA	SGRO
t-31	0	0.0560748	0.02	-0.0104167	-0.0277778
t-32	0.010989	-0.0272727	0	-0.0103093	-0.0526316
t-33	-0.0108696	0.0280374	0	0	0
t-34	0	-0.0183486	-0.0909091	-0.03	-0.0655738
t-35	-0.0107527	-0.0090909	0	-0.009901	0
t-36	-0.0106383	0.047619	-0.1269841	0.01	0
t-37	0.0217391	0.039604	0.016129	0	-0.016129
t-38	0	-0.0098039	0	-0.0196078	-0.015873
t-39	0	-0.0097087	-0.015873	0	-0.007874
t-40	-0.0107527	0.03	0.0327869	0	-0.0078125
t-41	0	-0.009901	0	0.02	0
t-42	-0.0210526	0	-0.031746	-0.009901	-0.0077519
t-43	0.0215054	-0.0560748	-0.0307692	0	0.0238095
t-44	0.021978	-0.036036	0.0483871	-0.0288462	-0.0232558
t-45	0	0	0.24	0.0196078	-0.0227273
t-46	-0.0215054	0.0471698	0	0.030303	-0.0149254
t-47	-0.0106383	0.1276596	0	-0.0294118	0.0307692
t-48	-0.0105263	0	0.0204082	-0.0285714	-0.0076336
t-49	0.0215054	0.0681818	0	0.05	-0.0075758
t-50	0	-0.1287129	-0.02	-0.009901	-0.0222222
t-51	0.0108696	-0.0288462	0	0.020202	-0.0073529
t-52	-0.0107527	0.0097087	0	0.0102041	-0.0144928
t-53	0	-0.0373832	0	0.0208333	-0.0071942
t-54	0	-0.0183486	0	0	0
t-55	0	0	0	-0.04	0
t-56	0.0108696	-0.0267857	-0.0196078	0	0.0072464
t-57	-0.0212766	0	0.0408163	-0.0654206	0
t-58	0	-0.0344828	0.0652174	0	-0.0142857
t-59	0.0107527	-0.008547	-0.0212766	0.07	-0.0070922
t-60	0	0	0	-0.0384615	0
t-61	0	0.0636364	-0.0208333	0.04	-0.013986
t-62	0	-0.009009	0	0.0416667	-0.0137931
t-63	0.021978	-0.059322	0.0212766	-0.0769231	-0.0068493
t-64	-0.0108696	-0.0166667	-0.06	-0.037037	0.0068966
t-65	0	-0.0322581	0	0.0485437	0
t-66	0	-0.0387597	0	-0.0462963	0.0211268
t-67	-0.0107527	0	0.0204082	0.0384615	-0.0138889
t-68	0	-0.0227273	0	-0.0280374	0
t-69	0	-0.0364964	-0.02	-0.0530973	0.006993
t-70	0	0.0300752	0	-0.0258621	-0.0069444
t-71	0	-0.0148148	-0.0196078	0.0175439	0.006993
t-72	-0.0106383	0	0	-0.0172414	0.0214286
t-73	-0.0105263	0	0.02	-0.0252101	0
t-74	0	0.0150376	0	0.0258621	0
t-75	0	0.0390625	-0.0196078	0	0
t-76	0.0106383	-0.0229008	0	0	-0.0140845
t-77	0	0.0314961	0	0	0.0070922
t-78	0.0107527	-0.1180556	0	0	0.0143885
t-79	-0.0210526	-0.0588235	0	0	0.0145985
t-80	0.0215054	-0.04375	0.02	0.0357143	-0.0143885
t-81	0	0	0	0.046729	0
t-82	-0.0106383	0.0062893	0.0204082	0.0594059	0
t-83	0.0107527	0	0	-0.0733945	0
t-84	0.0108696	0	0	-0.0267857	0
t-85	0.010989	-0.00625	0	0	0.0072464
t-86	-0.0108696	0	-0.0392157	0	0.0222222
t-87	0	-0.0062112	0	0	0
t-88	0.010989	0.0125786	0	0.009009	-0.0217391
t-89	0	0.0127389	0	0.0090909	0
t-90	0	-0.0125786	0	0.0091743	0
t-91	0	0	0	-0.018018	-0.0071942
t-92	-0.0215054	0	-0.0377358	0.0882353	-0.0071429
t-93	0	0.0063291	0	0.030303	0.0218978

Saham	MPPA	PGAS	RUIS	SCMA	SGRO
t-94	0.021978	0	0.0192308	-0.038835	-0.0072464
t-95	-0.0108696	0.0128205	0	0.040404	-0.0071942
t-96	0	-0.0188679	-0.0188679	0	0
t-97	0.010989	0	0.0192308	0.03125	0
t-98	-0.0108696	-0.00625	-0.0188679	-0.0204082	0
t-99	0	0.0062893	-0.0185185	-0.0754717	0
t-100	-0.0212766	-0.0124224	0	-0.0093458	0
t-101	0.0217391	-0.0061728	0.0188679	0	0.0145985
t-102	0	0.0062112	-0.0185185	-0.036036	0.0223881
t-103	0	0.00625	0.0188679	0.0373832	0
t-104	0	0.0062893	-0.0185185	-0.0183486	0
t-105	-0.0107527	-0.0124224	0	0.0582524	-0.0074074
t-106	-0.0106383	0.00625	-0.0181818	0.1075269	0.0227273
t-107	0	0	0.0576923	-0.0210526	-0.0075188
t-108	0	-0.0062112	0.04	0	0
t-109	-0.0309278	0.00625	0.0416667	-0.040404	0.0230769
t-110	0.0104167	0	0	-0.0660377	-0.0076336
t-111	0.0212766	0.0126582	-0.0204082	-0.0535714	0.0314961
t-112	-0.0105263	-0.0125	0	-0.0088496	0.0079365
t-113	0	0.0062893	-0.02	-0.0087719	0.016129
t-114	-0.0104167	0.0063291	0.0416667	0.0088496	-0.015873
t-115	0.0105263	0	-0.0204082	0.0761905	-0.007874
t-116	0	0	0	-0.0454545	0.016
t-117	0	-0.0062893	0	0.0185185	-0.0079365
t-118	0	-0.00625	0	-0.027027	0
t-119	0	0.0062893	0	-0.0347826	0
t-120	0	-0.0245399	0.0425532	-0.0086207	-0.007874
t-121	0.0106383	0.0061728	0.0217391	0	0
t-122	0.032967	0	0	-0.008547	-0.0155039
t-123	-0.0215054	0	0.0222222	0.0353982	0.015748
t-124	-0.0106383	0	-0.0217391	-0.0258621	-0.0155039
t-125	0.0107527	0.0062112	-0.0212766	-0.008547	0
t-126	-0.0106383	0.00625	-0.0208333	-0.025	0
t-127	0.0217391	0.0062893	-0.0204082	0	-0.0152672
t-128	-0.0315789	0.0192308	0.0208333	0.025641	0.0396825
t-129	-0.0104167	-0.025	-0.04	-0.025	0.0413223
t-130	-0.030303	0.0062893	0.0204082	0.0169492	-0.0081967
t-131	0.0102041	0	0.1136364	0	0
t-132	-0.010101	-0.0124224	0	0.0350877	0.0252101
t-133	0.0206186	-0.0061728	0	-0.025641	0
t-134	0.0777778	-0.0181818	0.0232558	-0.0084746	0
t-135	0	-0.011976	0	0.008547	0
t-136	0	0.0060241	0	0	0
t-137	0.011236	-0.0119048	0	0.0086207	0.0084746
t-138	-0.0111111	-0.0059172	-0.0227273	-0.008547	-0.0166667
t-139	0	-0.0058824	0	0.0173913	0
t-140	-0.0217391	0.0240964	-0.0434783	0.0267857	0
t-141	0.0222222	0.0060606	0.0454545	0	0
t-142	0	0.0060976	0	0.0275229	0.0169492
t-143	0	0.025	0	0.0092593	0.008547
t-144	0.011236	0.0062893	-0.0222222	0	-0.0168067
t-145	0	-0.00625	-0.0217391	0	0
t-146	0	0.0062893	0.0222222	0	0
t-147	-0.021978	0.0127389	0	-0.0357143	0.0084746
t-148	0.0224719	0	0	0	-0.0166667
t-149	0.0229885	-0.01875	0	0	0
t-150	-0.0645161	0.025641	0	0	-0.0082645

Saham	SMGR	TINS	TOTL	UNTR	UNVR
t-31	0.0106383	0	-0.02	0	0.003096
t-32	0.0217391	0	0.010101	-0.0798722	0.0125392
t-33	-0.0107527	0.0218579	-0.038835	-0.0821114	0.0191693
t-34	-0.0210526	-0.0054348	0	-0.03125	-0.0031847
t-35	-0.0052356	0	0.03	-0.0537634	0
t-36	0	0	-0.0291262	0.0081301	0.0161812
t-37	-0.0255102	-0.0054108	0	0.0081967	-0.0159236
t-38	0	-0.0053656	-0.0190476	0.0764706	-0.0094637
t-39	0	-0.0106436	0.0194175	0	-0.009375
t-40	0	-0.0157068	0.0098039	0	0.0289389
t-41	-0.0050761	-0.0052083	-0.0285714	0	-0.0032051
t-42	-0.0050505	0.015873	-0.0186916	0	-0.0188679
t-43	0.0102041	0	-0.036036	0	-0.0093458
t-44	0	0	0.0277778	-0.005848	0.0126183
t-45	-0.0050761	0.0106952	0.0285714	0.0178571	0.0063492
t-46	-0.0100503	0.0053817	-0.009434	-0.0059172	-0.0217391
t-47	0.0050505	-0.0158783	0.0392157	0.0242424	-0.0242424
t-48	-0.01	-0.015625	-0.0285714	0.0060976	0.0509554
t-49	-0.0049751	-0.0103144	-0.0366972	0.0154799	0.0064103
t-50	0.0203046	0	0.0283019	-0.0092025	0
t-51	0.0102564	-0.0152234	-0.0275229	-0.035503	0.0263158
t-52	0	0.0154587	0.0092593	0.04	-0.009772
t-53	-0.0151515	0.0104219	0.0188679	-0.0497076	0.0233333
t-54	-0.0149254	-0.0253807	0.0291262	0.0363636	-0.0506329
t-55	0.0100503	-0.015	-0.0373832	-0.0030211	-0.0155763
t-56	0	-0.0123457	-0.036036	-0.014881	0
t-57	-0.0197044	0.0279188	0	-0.0232558	-0.0474777
t-58	0.0252525	0.0207254	0.0183486	0.0117647	0.008982
t-59	0	0	-0.0090909	0.0271903	-0.0233918
t-60	0.0102041	0.021164	0.0091743	-0.008982	0.0029326
t-61	0.0208333	-0.0257782	-0.0267857	0.04375	0.0029412
t-62	0.0052356	0.0051865	0	0	-0.031339
t-63	0.0052632	-0.0051598	0	-0.0751445	0
t-64	0.005291	0.0104219	0.046729	-0.0114286	0.0086207
t-65	-0.0052632	-0.0253807	0.009434	0.09375	0.0235294
t-66	-0.0104167	-0.0050505	0.049505	-0.1011236	0.0149254
t-67	0	0.0420998	-0.0098039	-0.0028011	-0.0088757
t-68	0	-0.0052304	-0.0097087	-0.0192308	0.0464396
t-69	0.0491803	0.0052579	0.019802	0.0581395	-0.0182371
t-70	-0.031746	0	0.01	-0.0114943	-0.0208333
t-71	0.0677966	0.0160481	0	0.0419162	0.009009
t-72	-0.0111732	-0.0053191	0	0	0.0060423
t-73	-0.0055556	0.0053476	0.010101	0	-0.0461095
t-74	0.011236	-0.010582	0	-0.0696379	0.0327381
t-75	0.0113636	0.05	-0.01	0.008427	0.0029851
t-76	0.0114943	0.0169549	0	0.0409357	0.0213415
t-77	0	-0.0056236	-0.0196078	-0.0029155	0
t-78	-0.0113636	0	0	0.0147929	0.0379747
t-79	-0.0056497	0	-0.0097087	0.0529595	0.0533333
t-80	0.0114286	0.0056554	0	-0.0183486	-0.0625
t-81	0	0.0172356	0.0098039	0.0514469	-0.0153846
t-82	-0.0112994	0.0057803	0.0408163	-0.060423	-0.0441176
t-83	-0.005618	0.0116959	0	-0.0542857	0.0559006
t-84	-0.0055866	-0.0115607	0.0208333	0.0542169	0.00625
t-85	0.0170455	0	0	0	0.0062893
t-86	-0.011236	-0.0057471	0.0105263	0	0.0192308
t-87	0	0.0295858	-0.0306122	0.0342679	-0.0095238
t-88	0	0.0180723	0.0103093	-0.0153374	0.0327869
t-89	0.0113636	0	0.0210526	-0.0151057	0.0166667
t-90	0.0114943	-0.0118989	0	-0.0377907	0.0033445
t-91	0.0057803	-0.0117706	0.0326087	0.0029155	-0.0066445
t-92	0	0.0059172	0.0574713	0.0331325	0.0033333
t-93	-0.0057471	0.0059584	0.0116279	-0.0404624	0.0033445

Saham	SMGR	TINS	TOTL	UNTR	UNVR
t-94	0.0116279	0.005976	0	0.005814	0.0033557
t-95	-0.0171429	0	0.0117647	-0.019943	-0.0033445
t-96	-0.0384615	0.0060301	0.0240964	0.0173913	-0.0033333
t-97	-0.0162162	0	0	0.0176991	0.010101
t-98	0	-0.005994	-0.045977	0.0272727	0.0067797
t-99	0	0	-0.0224719	0.0030395	-0.0033784
t-100	0.0220994	0	0	-0.0179104	-0.0198675
t-101	0	0	-0.0111111	-0.0147059	0.0066667
t-102	-0.0163043	0.0121273	0.011236	-0.0087464	0.0169492
t-103	0.0165746	-0.0178513	0.0113636	-0.002907	-0.006734
t-104	-0.0054945	-0.0175497	-0.011236	-0.0086455	0.0033784
t-105	-0.0054645	0	0	0	-0.0100334
t-106	-0.016129	-0.0058197	0	0.0087209	0.0033557
t-107	-0.0106383	0.0058538	0	-0.0254958	0
t-108	-0.0105263	0	-0.0326087	0.0143678	-0.0165017
t-109	0.0497238	0.0058824	-0.0107527	-0.0252101	-0.0032895
t-110	-0.0054945	-0.0116337	-0.0210526	-0.0165289	0.0133333
t-111	-0.0054645	0	0.0106383	0.0225352	0
t-112	0.0054945	0	0.0107527	-0.002809	0.010101
t-113	-0.0054645	-0.0057746	-0.0210526	0.0028169	0.0067797
t-114	0.0054945	-0.017051	0.0106383	-0.0379404	-0.0033784
t-115	0	0.0173468	0	0	0
t-116	0.0111111	0	-0.0408163	0.0307263	-0.003367
t-117	0.0169492	-0.0057471	0	0	0.0033784
t-118	0.0056818	0.011622	0.0208333	0	0.0136986
t-119	0.0057143	0.0058538	0.0434783	-0.0137741	-0.0068027
t-120	0.0233918	-0.0058197	0.0222222	-0.0108992	0
t-121	-0.005814	-0.0057746	0	-0.0027174	-0.0067568
t-122	0.0117647	-0.0225933	0	-0.0080863	-0.0100334
t-123	0.0179641	0.0056704	0.0344828	-0.0106667	0.0033557
t-124	-0.0176471	-0.0329615	-0.0113636	0.0053619	-0.0033445
t-125	-0.0285714	-0.0054645	0	0.0108401	0.0101351
t-126	-0.0112994	-0.0161237	0.1	-0.0053908	0.0068027
t-127	-0.0166667	0	0	-0.0106667	-0.010101
t-128	0.0465116	-0.021063	0.025641	0.0026738	0
t-129	0.0117647	0.0052963	-0.025	-0.0260417	0
t-130	0.0119048	0	0	0.0294906	0.0033784
t-131	-0.0232558	-0.0307643	-0.0123457	0	0
t-132	0	0.0103575	0	0	-0.003367
t-133	0.0361446	-0.0051598	0	0.0247253	-0.01
t-134	0.0060606	-0.010199	-0.0121951	0	0.0033445
t-135	0.0060976	0.0208333	0.025	0.0027548	0.0033557
t-136	0.006135	-0.030303	0.025641	0.0371429	0.0067568
t-137	-0.0239521	0.0366492	-0.0126582	0.0086455	-0.0067114
t-138	0	-0.0402058	0.0533333	0.0028902	0
t-139	0.0245399	-0.017279	0.0416667	-0.0572207	-0.0066667
t-140	-0.0180723	0.0227273	0.0140845	-0.0160858	0.0067114
t-141	-0.0177515	0.047619	-0.0138889	-0.0184211	-0.0033445
t-142	0.0180723	0.0053191	0	0	0
t-143	-0.0674157	0.0053476	0.0434783	-0.0104167	-0.0033333
t-144	0.1558442	0.0218579	0.078125	-0.0103093	0
t-145	-0.0314465	0	0	-0.0152284	-0.0131579
t-146	0.0127389	-0.0161237	0	-0.0271605	-0.0065359
t-147	-0.01875	0.016388	0	0.0279188	0
t-148	0.0062893	-0.046875	-0.0153846	-0.0271605	0
t-149	-0.0245399	0.0434783	-0.0151515	0	0.0032787
t-150	0.0061728	0.010989	0.0153846	0.0411311	0

Lampiran: 25

Perhitungan Alpa dan Beta dengan SPSS 20.0

1. Adhi Karya (Persero) Tbk, PT (ADHI)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.006	.003		1.932	.056
	RM_ADHI	.222	.315	.065	.704	.483

a. Dependent Variable: RS_ADHI

2. Adira Dinamika Multi Finance Tbk, PT (ADMF)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.002	.002		.762	.447
	RM_ADMF	.159	.214	.069	.746	.457

a. Dependent Variable: RS_ADMF

3. Akr Corporindo Tbk, PT (AKRA)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.003	.002		1.323	.188
	RM_AKRA	-.157	.209	-.069	-.752	.454

a. Dependent Variable: RS_AKRA

4. Aneka Tambang Tbk, PT (ANTM)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.000	.002		.218	.828
	RM_ANTM	.371	.240	.141	1.545	.125

a. Dependent Variable: RS_ANTM

5. Astra Graphia Tbk, PT (ASGR)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.001	.002		.660	.511
	RM_ASGR	.120	.219	.050	.546	.586

a. Dependent Variable: RS_ASGR

6. Astra Otoparts Tbk, PT (AUTO)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.000	.002		.159	.874
	RM_AUTO	.170	.134	.116	1.272	.206

a. Dependent Variable: RS_AUTO

7. Bhakti Capital Indonesia Tbk, PT (BCAP)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.004	.003		-1.197	.234
	RM_BCAP	.073	.336	.020	.218	.827

a. Dependent Variable: RS_BCAP

8. Colorpak Indonesia Tbk, PT (CLPI)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.017	.005		3.567	.001
	RM_CLPI	.110	.470	.022	.234	.815

a. Dependent Variable: RS_CLPI

9. Gajah Tunggal Tbk, PT (GJTL)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.000	.002		.088	.930
	RM_GJTL	.139	.174	.073	.800	.425

a. Dependent Variable: RS_GJTL

b. Predictors: (Constant), RM_GJTL

10. Hanjaya Mandala Sampoerna Tbk, PT (HMSP)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.002	.002		.911	.364
	RM_HMSP	.091	.202	.041	.448	.655

a. Dependent Variable: RS_HMSP

11. Kalbe Farma Tbk, PT (KLBF)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.002	.002		1.227	.222
	RM_KLBF	.443	.275	.146	1.608	.111

a. Dependent Variable: RS_KLBF

12. Pp, London Sumatra Indonesia Tbk, PT (LSIP)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.007	.007		-.964	.337
	RM_LSIP	.112	.603	.017	.186	.853

a. Dependent Variable: RS_LSIP

13. Matahari Putra Prima Tbk, PT (MPPA)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-4.142E-05	.001		-.028	.977
	RM_MPPA	.047	.104	.041	.447	.655

a. Dependent Variable: RS_MPPA

14. Perusahaan Gas Negara (Persero) Tbk, PT (PGAS)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.002	.003		-.834	.406
	RM_PGAS	.081	.157	.048	.520	.604

a. Dependent Variable: RS_PGAS

15. Radiant Utama Interinsco Tbk, PT (RUIS)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.002	.003		.493	.623
	RM_RUIS12	.081	.392	.019	.206	.837

a. Dependent Variable: RS_RUIS12

16. Surya Citra Media Tbk, PT (SCMA)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.001	.003		-.292	.771
	RM_SCMA	-.017	.171	-.009	-.101	.919

a. Dependent Variable: RS_SCMA

17. PT, Sampoerna Agro, Tbk (SGRO)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.001	.001		-.973	.332
	RM_SGRO	.211	.141	.137	1.497	.137

a. Dependent Variable: RS_SGRO

18. Semen Gresik (Persero) Tbk, PT (SMGR)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.001	.002		-.769	.443
	RM_SMGR	1.131	.119	.658	9.485	.000

a. Dependent Variable: RS_SMGR

19. Timah (Persero) Tbk, PT (TINS)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.000	.002		.211	.833
	RM_TINS	.040	.180	.021	.224	.823

a. Dependent Variable: RS_TINS

20. Total Bangun Persada Tbk, PT (TOTL)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.003	.002		1.408	.162
	RM_TOTL	.418	.345	.111	1.210	.229

a. Dependent Variable: RS_TOTL

21. United Tractor Tbk, PT (UNTR)

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.002	.003		-.754	.452
	RM_UNTR	-.140	.188	-.068	-.743	.459

a. Dependent Variable: RS_UNTR

22. Unilever Indonesia Tbk, PT UNVR

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.001	.002		.418	.676
	RM_UNVR	.244	.095	.231	2.575	.011

a. Dependent Variable: RS_UNVR

Lampiran: 26

Daftar Alpha dan Beta Perusahaan Dividen Menurun

KODE SAHAM	α	β
ADHI	0.0058142	0.2220247
ADMF	0.0016142	0.1593725
AKRA	0.002597	-0.1572492
ANTM	0.0003426	0.3713478
ASGR	0.0012405	0.1195235
AUTO	0.0003184	0.169974
BCAP	-0.0040932	0.0733373
CLPI	0.0168642	0.1100328
GJTL	0.0001756	0.1390669
HMSP	0.0015288	0.0907499
KLBF	0.0023183	0.4426016
LSIP	-0.0067123	0.1119794
MPPA	-4.142E-05	0.0465979
PGAS	-0.0022343	0.0814216
RUIS	0.0006534	0.9346195
SCMA	-0.0008675	-0.0172942
SGRO	-0.001344	0.2112925
SMGR	-0.0012293	1.1308624
TINS	0.0003203	0.0403393
TOTL	0.0031859	0.4177177
UNTR	-0.0021211	-0.139566
UNVR	0.0006881	0.2436243

Lampiran: 27

Daftar Saham, Alpa, Beta dan Beta yang telah Dikoreksi Perusahaan Dividen Menurun

KODE SAHAM	ALPHA	BETA	Beta Koreksi
ADHI	0.005814	0.222025	0.820141
ADMF	0.001614	0.159372	6.712437
AKRA	0.003	-0.157	3.979
ANTM	0.000343	0.371348	0.405348
ASGR	0.001	0.12	1.48
AUTO	0	0.17	0.21
BCAP	-0.00409	0.073337	0.002969
CLPI	0.016864	0.110033	1.405357
GJTL	0.000176	0.139067	0.689251
HMSP	0.002	0.091	1.275
KLBF	0.002318	0.442602	1.207468
LSIP	-0.00671	0.111979	0.242418
MPPA	-0.000041	0.047	0.827
PGAS	-0.002	0.081	1.607
RUIS	0.000653	0.934619	1.887721
SCMA	-0.001	-0.017	0.535
SGRO	-0.00134	0.211293	2.556589
SMGR	-0.001	1.131	0.115
TINS	0.00032	0.040339	0.246061
TOTL	0.003186	0.417718	1.532764
UNTR	-0.002	-0.14	0.241
UNVR	0.001	0.244	0.795
Rata-Rata	0.000913955	0.218351455	1.307842

Lampiran: 28

Perhitungan *Return* Ekspektasi Perusahaan Dividen Menurun

SAHAM	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP	CLPI
ALPHA	0.00581	0.00161	0.003	0.00034	0.001	0	-0.0041	0.01686
Beta Koreksi	0.82014	6.71244	3.979	0.40535	1.48	0.21	0.00297	1.40536
t30	0.000236	0.002358	0.003567	0.000566	0.003628	0.00108	-0.01283	-0.02367
t29	0.008204	0.006181	0.000236	0.034489	-0.0067	0.013411	0.014587	-0.05644
t28	0.006914	-0.0173	0.008204	0.016995	0.00499	-0.00731	0.007152	0.003351
t27	0.008924	-0.0036	0.006914	-0.00673	0.009602	0.015221	0.016961	0.006835
t26	-0.00871	-0.00149	0.008924	-0.03676	0.000882	-0.01798	0.003496	0.011292
t25	0.002358	0.006426	-0.00871	0.004556	0.000162	-0.01375	-0.00398	0.047586
t24	0.006181	0.014619	0.002358	0.001044	-3.4E-05	-0.00782	0.0048	-0.03217
t23	-0.0173	0.009092	0.006181	-0.03205	0.00329	-0.00209	0.00128	0.016978
t22	-0.0036	0.017492	-0.0173	-0.0102	0.013473	0.008169	0.006903	-0.0888
t21	-0.00149	-0.01202	-0.0036	-0.0086	-0.00442	0.005985	-0.0056	-0.01456
t20	0.006426	0.013775	-0.00149	0.030615	-0.0093	-0.0021	0.00691	-0.00078
t19	0.014619	0.006173	0.006426	0.019186	-0.00643	-0.0173	-0.00478	-0.02089
t18	0.009092	-0.00821	0.014619	0.038212	-0.00081	-0.01404	0.004153	0.016121
t17	0.017492	-0.00314	0.009092	-0.00239	-0.00286	0.002654	-0.00115	-0.0065
t16	-0.01202	-0.01068	0.017492	-0.01903	-0.00079	-0.00605	-0.00341	-0.01955
t15	0.013775	0.016255	-0.01202	-0.02476	0.006068	0.002116	-0.00483	-0.00548
t14	0.006173	0.005352	0.013775	-0.03675	-0.003	-0.00305	-0.00441	-0.02561
t13	-0.00821	0.011012	0.006173	-0.00698	0.014547	0.010634	0.004924	-0.00172
t12	-0.00314	0.006987	-0.00821	0.013813	-0.00458	0.00748	-0.00836	0.000989
t11	-0.01068	-0.01783	-0.00314	0.00289	-0.00961	-0.01429	-0.00157	0.028654
t10	0.016255	0.002046	-0.01068	0.033223	-0.00597	0.006952	-0.00755	0.006156
t9	0.005352	-0.00353	0.016255	-0.0192	0.005753	0.006117	0.005228	0.006362
t8	0.011012	0.010688	0.005352	0.019075	0.008943	0.005937	0.012488	0
t7	0.006987	-0.00398	0.011012	-0.03504	-0.00222	-0.00612	-0.01055	-0.00069
t6	-0.01783	-0.00019	0.006987	-0.01808	0.002304	0.007407	0.000327	-0.00069
t5	0.002046	0.033206	-0.01783	-0.02717	0.015618	0.00656	0.000608	-0.00862
t4	-0.00353	0.017319	0.002046	-0.00406	-0.00228	0.005625	-0.00194	0.010639
t3	0.010688	-0.03821	-0.00353	0.010109	0.008199	0.013154	0.006121	-0.00082
t2	-0.00398	-0.00862	0.010688	-0.01919	0.001939	-0.00328	0.003715	-0.04433
t1	-0.00019	-0.02172	-0.00398	-0.0119	-0.01006	-0.00663	-0.01839	0.017129
t0	0.033206	-0.00029	-0.00019	-0.01366	-0.00619	0.007074	0.004362	-0.0017
t-1	0.017319	9.69E-05	0.033206	0.004725	0.007131	0.009596	-0.00184	0.017863
t-2	-0.03821	0.004145	0.017319	0.017915	-0.01477	0.006886	0.000639	0.005469
t-3	-0.00862	-0.02067	-0.03821	-0.01357	0.00654	-0.02431	0.012136	0.001498
t-4	-0.02172	0.000828	-0.00862	0.006578	0.010262	0.004046	0.002928	0.034392
t-5	-0.00029	-0.00983	-0.02172	-0.01663	-0.01029	-0.0002	-0.02374	-0.02991
t-6	9.69E-05	0.020556	-0.00029	0.003708	-0.02725	-0.01203	-0.00329	-0.0182
t-7	0.004145	-0.01015	9.69E-05	-0.00503	0.000649	-0.02245	0.008	-0.04863
t-8	-0.02067	-0.0161	0.004145	0.013466	-0.00086	-0.00458	0.014273	-0.00349
t-9	0.000828	-0.00183	-0.02067	0.013193	0.001841	-0.01861	0.001709	-0.00989
t-10	-0.00983	-0.01484	0.000828	-0.0022	-0.01323	0.046486	0.003034	-0.00372
t-11	0.020556	-0.00472	-0.00983	0.001562	0.00529	-0.01203	0.007663	0.015164
t-12	-0.01015	0.001107	0.020556	0.005403	-0.00272	-0.00102	-0.00024	-0.00362
t-13	-0.0161	-0.01244	-0.01015	-0.01005	-0.00607	0.033527	0.005709	-0.00678
t-14	-0.00183	0.005341	-0.0161	0.003262	-0.00149	0.004346	-0.00166	0.010002
t-15	-0.01484	-0.01371	-0.00183	0.00923	0.003733	0.001652	0.000774	0.011177
t-16	-0.00472	-0.00173	-0.01484	0.0102	0.003847	-0.002	-0.00029	-0.0048
t-17	0.001107	0.001116	-0.00472	0.013479	0.011243	0.039817	0.004246	0.009525
t-18	-0.01244	0.005556	0.001107	-0.01373	-0.0028	0.029198	0.000192	0.004306
t-19	0.005341	0.003648	-0.01244	-0.01321	0.000231	0.005305	-0.01611	0.006764
t-20	-0.01371	0.004023	0.005341	0.005333	0.00208	-0.00555	0.001342	-0.00237
t-21	-0.00173	-0.00391	-0.01371	0.006864	-0.00194	-0.02175	-0.00042	0.002429
t-22	0.001116	0.004002	-0.00173	0.004267	-0.01041	0.015307	-0.00103	0.006396
t-23	0.005556	-0.00161	0.001116	-0.00321	-0.00941	-0.02237	0.00121	0.004218
t-24	0.003648	0.003576	0.005556	-0.00341	0.005587	0.022297	-0.00097	0.010876
t-25	0.004023	-0.00619	0.003648	0.007291	0.002308	0.019153	0.004933	-0.01441
t-26	-0.00391	0.00424	0.004023	-0.00432	-0.0036	0.014777	0.000574	-0.00202
t-27	0.004002	-0.00061	-0.00391	-0.00031	0.004335	-0.03709	0.001096	0.016301
t-28	-0.00161	0.002134	0.004002	-0.00283	0.004629	-0.01179	0.010029	0.007807
t-29	0.003576	0.002601	-0.00161	0.002798	0.007934	-0.00038	0.010669	-0.00387
t-30	-0.00619	-0.00305	0.003576	0.02126	-0.00918	-0.01115	-0.03163	-0.00743

SAHAM	GJTL	HMSP	KLBF	LSIP	MPPA	PGAS	RUIS
ALPHA	0.00018	0.002	0.00232	-0.0067	-4E-05	-0.002	0.00065
Beta Koreksi	0.68925	1.275	1.20747	0.24242	0.827	1.607	1.88772
t30	0.011177	0.000997	-0.01683	0.015164	-0.01783	-0.00651	0.004638
t29	-0.0048	0.023785	-0.00326	-0.00362	0.002046	0.006607	-0.00942
t28	0.009525	-0.00058	-0.00932	-0.00678	-0.00353	-3.7E-05	0.002516
t27	0.004306	-0.01697	-0.01029	0.010002	0.010688	-0.00741	0.009891
t26	0.006764	0.017471	0.018845	0.011177	-0.00398	0.012797	0.001255
t25	-0.00237	-0.02869	-0.00962	-0.0048	-0.00019	0.00508	-0.00485
t24	0.002429	0.017555	0.000842	0.009525	0.033206	-0.00943	0.001387
t23	0.006396	-0.00291	0.008855	0.004306	0.017319	-0.0003	0.001637
t22	0.004218	0.010851	0.007528	0.006764	-0.03821	0.012841	-0.00904
t21	0.010876	0.029498	0.001793	-0.00237	-0.00862	0.00939	-0.00287
t20	-0.01441	0.023375	0.000566	0.002429	-0.02172	0.003471	0.010543
t19	-0.00202	0.007415	0.034489	0.006396	-0.00029	0.010495	0.00365
t18	0.016301	-0.00506	0.016995	0.004218	9.69E-05	-0.00533	0.019835
t17	0.007807	0.045507	-0.00673	0.010876	0.004145	-0.00203	0.000984
t16	-0.00387	0.007276	-0.03676	-0.01441	-0.02067	0.00045	0.002186
t15	-0.00743	-0.02367	0.004556	-0.00202	0.000828	0.00031	-0.00441
t14	0.006727	-0.05644	0.001044	0.016301	-0.00983	0.011174	-0.0175
t13	0.009908	0.003351	-0.03205	0.007807	0.020556	-0.00476	-0.00366
t12	0.01522	0.006835	-0.0102	-0.00387	-0.01015	0.000513	0.003567
t11	0.004418	0.011292	-0.0086	-0.00743	-0.0161	0.01805	0.000236
t10	-0.00913	0.047586	0.030615	0.006727	-0.00183	-0.01334	0.008204
t9	0.006514	-0.03217	0.019186	0.009908	-0.01484	-0.00318	0.006914
t8	0.000476	0.016978	0.038212	0.01522	-0.00472	-0.00753	0.008924
t7	0.007087	-0.0888	-0.00239	0.004418	0.001107	0.008655	-0.00871
t6	0.017649	-0.01456	-0.01903	-0.00913	-0.01244	-0.00586	0.002358
t5	0.00208	-0.00078	-0.02476	0.006514	0.005341	-0.00302	0.006181
t4	-0.0051	-0.02089	-0.03675	0.000476	-0.01371	0.010809	-0.0173
t3	-0.01417	0.016121	-0.00698	0.007087	-0.00173	-0.00744	-0.0036
t2	0.00556	-0.0065	0.013813	0.017649	0.001116	0.000253	-0.00149
t1	0.006539	-0.01955	0.00289	0.00208	0.005556	-0.00033	0.006426
t0	-0.01027	-0.00548	0.033223	-0.0051	0.003648	0.017771	0.014619
t-1	-0.00487	-0.02561	-0.0192	-0.01417	0.004023	0.007406	0.009092
t-2	-0.00513	-0.00172	0.019075	0.00556	-0.00391	0.011165	0.017492
t-3	-0.00446	0.000989	-0.03504	0.006539	0.004002	0.00271	-0.01202
t-4	0.002283	0.028654	-0.01808	-0.01027	-0.00161	-0.01351	0.013775
t-5	-0.00255	0.006156	-0.02717	-0.00487	0.003576	-0.01299	0.006173
t-6	0.001631	0.006362	-0.00406	-0.00513	-0.00619	0.015137	-0.00821
t-7	0.000207	0	0.010109	-0.00446	0.00424	-0.01989	-0.00314
t-8	0.002831	-0.00069	-0.01919	0.002283	-0.00061	-0.00996	-0.01068
t-9	-0.00164	-0.00069	-0.0119	-0.00255	0.002134	-0.00573	0.016255
t-10	0.004617	-0.00862	-0.01366	0.001631	0.002601	6.5E-05	0.005352
t-11	0.009167	0.010639	0.004725	0.000207	-0.00305	-0.00501	0.011012
t-12	-0.00153	-0.00082	0.017915	0.002831	0.004768	0.014331	0.006987
t-13	0.001982	-0.04433	-0.01357	-0.00164	0.002307	-0.00132	-0.01783
t-14	-0.0244	0.017129	0.006578	0.004617	-0.00477	-0.01905	0.002046
t-15	0.003405	-0.0017	-0.01663	0.009167	-0.00103	0.013589	-0.00353
t-16	0.005104	0.017863	0.003708	-0.00153	-0.00295	0.007254	0.010688
t-17	0.010787	0.005469	-0.00503	0.001982	0.007822	-0.00142	-0.00398
t-18	-0.00856	0.001498	0.013466	-0.0244	-0.01931	0.020999	-0.00019
t-19	0.00612	0.034392	0.013193	0.003405	0.011851	-0.01521	0.033206
t-20	-0.00767	-0.02991	-0.0022	0.005104	0.010802	0.021173	0.017319
t-21	0.009899	-0.0182	0.001562	0.010787	0.003991	-0.02792	-0.03821
t-22	0.003981	-0.04863	0.005403	-0.00856	0.003568	-0.01021	-0.00862
t-23	-0.00345	-0.00349	-0.01005	0.00612	0.002743	0.004447	-0.02172
t-24	-0.00464	-0.00989	0.003262	-0.00767	0.011826	0.0199	-0.00029
t-25	0.000352	-0.00372	0.00923	0.009899	-0.00244	0.007581	9.69E-05
t-26	0.000278	0.015164	0.0102	0.003981	0.001319	0.000997	0.004145
t-27	-0.0092	-0.00362	0.013479	-0.00345	0.003497	0.023785	-0.02067
t-28	0.007771	-0.00678	-0.01373	-0.00464	-0.00064	-0.00058	0.000828
t-29	0.002806	0.010002	-0.01321	0.000352	-0.00094	-0.01697	-0.00983
t-30	0.001051	0.011177	0.005333	0.000278	-0.00283	0.017471	0.020556

SAHAM	SCMA	SGRO	SMGR	TINS	TOTL	UNTR	UNVR
ALPHA	-0.001	-0.0013	-0.001	0.00032	0.00319	-0.002	0.001
Beta Koreksi	0.535	2.55659	0.115	0.24606	1.53276	0.241	0.795
t30	0.000149	-0.00942	-0.01282	0.006156	-0.03205	0.00108	-0.00364
t29	0.005936	0.002516	-0.01227	0.006362	-0.0102	0.013411	0.005768
t28	-0.00642	0.009891	-0.00796	0	-0.0086	-0.00731	0.00591
t27	-0.01288	0.001255	-0.00242	-0.00069	0.030615	0.015221	0.011526
t26	-0.01608	-0.00485	0.004408	-0.00069	0.019186	-0.01798	-0.00651
t25	0.012421	0.001387	0.011133	-0.00862	0.038212	-0.01375	0.006607
t24	0.014526	0.001637	0.009778	0.010639	-0.00239	-0.00782	-3.7E-05
t23	0.002414	-0.00904	-0.02249	-0.00082	-0.01903	-0.00209	-0.00741
t22	0.003157	-0.00287	-0.00769	-0.04433	-0.02476	0.008169	0.012797
t21	-0.00142	0.010543	0.003686	0.017129	-0.03675	0.005985	0.00508
t20	-0.00861	0.00365	0.019747	-0.0017	-0.00698	-0.0021	-0.00943
t19	0.008507	0.019835	0.026253	0.017863	0.013813	-0.0173	-0.0003
t18	0.003332	0.000984	-0.00991	0.005469	0.00289	-0.01404	0.012841
t17	0.013667	0.002186	-0.02159	0.001498	0.033223	0.002654	0.00939
t16	-0.01171	-0.00441	-0.01796	0.034392	-0.0192	-0.00605	0.003471
t15	-0.00888	-0.0175	-0.00884	-0.02991	0.019075	0.002116	0.010495
t14	-0.01393	-0.00366	0.003654	-0.0182	-0.03504	-0.00305	-0.00533
t13	-0.00092	0.003567	-0.00936	-0.04863	-0.01808	0.010634	-0.00203
t12	0.014554	0.000236	0.00118	-0.00349	-0.02717	0.00748	0.00045
t11	0.008026	0.008204	0.002861	-0.00989	-0.00406	-0.01429	0.00031
t10	-0.00856	0.006914	0.028838	-0.00372	0.010109	0.006952	0.011174
t9	-0.00575	0.008924	-0.00673	0.015164	-0.01919	0.006117	-0.00476
t8	-0.01107	-0.00871	-0.04211	-0.00362	-0.0119	0.005937	0.000513
t7	-0.00768	0.002358	-0.02805	-0.00678	-0.01366	-0.00612	0.01805
t6	0.015398	0.006181	-0.01254	0.010002	0.004725	0.007407	-0.01334
t5	0.005317	-0.0173	0.006289	0.011177	0.017915	0.00656	-0.00318
t4	-0.00413	-0.0036	0.008731	-0.0048	-0.01357	0.005625	-0.00753
t3	0.003832	-0.00149	0.006482	0.009525	0.006578	0.013154	0.008655
t2	-0.02296	0.006426	0.001161	0.004306	-0.01663	-0.00328	-0.00586
t1	0.003901	0.014619	0.010717	0.006764	0.003708	-0.00663	-0.00302
t0	-0.00191	0.009092	0.009579	-0.00237	-0.00503	0.007074	0.010809
t-1	-0.00565	0.017492	0.003803	0.002429	0.013466	0.009596	-0.00744
t-2	-0.01081	-0.01202	-0.00253	0.006396	0.013193	0.006886	0.000253
t-3	0.00108	0.013775	-0.00461	0.004218	-0.0022	-0.02431	-0.00033
t-4	0.013411	0.006173	0.019232	0.010876	0.001562	0.004046	0.017771
t-5	-0.00731	-0.00821	-0.00356	-0.01441	0.005403	-0.0002	0.007406
t-6	0.015221	-0.00314	0.002751	-0.00202	-0.01005	-0.01203	0.011165
t-7	-0.01798	-0.01068	-0.02367	0.016301	0.003262	-0.02245	0.00271
t-8	-0.01375	0.016255	-0.0085	0.007807	0.00923	-0.00458	-0.01351
t-9	-0.00782	0.005352	-0.00069	-0.00387	0.0102	-0.01861	-0.01299
t-10	-0.00209	0.011012	-0.0148	-0.00743	0.013479	0.046486	0.015137
t-11	0.008169	0.006987	-0.01014	0.006727	-0.01373	-0.01203	-0.01989
t-12	0.005985	-0.01783	0.004272	0.009908	-0.01321	-0.00102	-0.00996
t-13	-0.0021	0.002046	0.0128	0.01522	0.005333	0.033527	-0.00573
t-14	-0.0173	-0.00353	0.007058	0.004418	0.006864	0.004346	6.5E-05
t-15	-0.01404	0.010688	0.000455	-0.00913	0.004267	0.001652	-0.00501
t-16	0.002654	-0.00398	0.020858	0.006514	-0.00321	-0.002	0.014331
t-17	-0.00605	-0.00019	0.024888	0.000476	-0.00341	0.039817	-0.00132
t-18	0.002116	0.033206	-0.02739	0.007087	0.007291	0.029198	-0.01905
t-19	-0.00305	0.017319	-0.00326	0.017649	-0.00432	0.005305	0.013589
t-20	0.010634	-0.03821	-0.01608	0.00208	-0.00031	-0.00555	0.007254
t-21	0.00748	-0.00862	0.011817	-0.0051	-0.00283	-0.02175	-0.00142
t-22	-0.01429	-0.02172	-0.00528	-0.01417	0.002798	0.015307	0.020999
t-23	0.006952	-0.00029	-0.01685	0.00556	0.02126	-0.02237	-0.01521
t-24	0.006117	9.69E-05	0.004344	0.006539	-0.00863	0.022297	0.021173
t-25	0.005937	0.004145	0.012818	-0.01027	0.002629	0.019153	-0.02792
t-26	-0.00612	-0.02067	0.001055	-0.00487	0.009593	0.014777	-0.01021
t-27	0.007407	0.000828	0.004804	-0.00513	-0.00451	-0.03709	0.004447
t-28	0.00656	-0.00983	-0.00256	-0.00446	0.000422	-0.01179	0.0199
t-29	0.005625	0.020556	-0.02104	0.002283	-0.0058	-0.00038	0.007581
t-30	0.013154	-0.01015	-0.00329	-0.00255	0.000702	-0.01115	0.000997

Lampiran: 29

Return Estimasi Perusahaan Dividen Menurun

Formula: $E(R_{i,t}) = \alpha_i + \beta_i R_{m,t} + e_{i,t}$

KODE SAHAM	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP	CLPI
t30	0.00601	0.01744	0.01679	0.00057	0.00661	0.00055	-0.00413	-0.01640
t29	0.01254	0.04311	0.00354	0.01432	-0.00868	0.00313	-0.00405	-0.06246
t28	0.01148	-0.11451	0.03524	0.00723	0.00863	-0.00122	-0.00407	0.02157
t27	0.01313	-0.02253	0.03011	-0.00238	0.01545	0.00351	-0.00404	0.02647
t26	-0.00133	-0.00840	0.03811	-0.01456	0.00255	-0.00345	-0.00408	0.03273
t25	0.00775	0.04475	-0.03207	0.00219	0.00148	-0.00257	-0.00411	0.08374
t24	0.01088	0.09974	0.01198	0.00077	0.00119	-0.00132	-0.00408	-0.02834
t23	-0.00837	0.06264	0.02719	-0.01265	0.00611	-0.00012	-0.00409	0.04072
t22	0.00286	0.11903	-0.06624	-0.00379	0.02118	0.00203	-0.00407	-0.10794
t21	0.00459	-0.07906	-0.01172	-0.00314	-0.00530	0.00157	-0.00411	-0.00359
t20	0.01108	0.09408	-0.00334	0.01275	-0.01252	-0.00012	-0.00407	0.01576
t19	0.01780	0.04305	0.02817	0.00812	-0.00828	-0.00331	-0.00411	-0.01250
t18	0.01327	-0.05350	0.06077	0.01583	0.00004	-0.00263	-0.00408	0.03952
t17	0.02016	-0.01949	0.03877	-0.00063	-0.00300	0.00088	-0.00410	0.00773
t16	-0.00404	-0.07005	0.07220	-0.00737	0.00007	-0.00095	-0.00410	-0.01061
t15	0.01711	0.11072	-0.04523	-0.00969	0.01022	0.00076	-0.00411	0.00917
t14	0.01088	0.03754	0.05741	-0.01456	-0.00320	-0.00032	-0.00411	-0.01912
t13	-0.00092	0.07553	0.02716	-0.00249	0.02277	0.00255	-0.00408	0.01445
t12	0.00324	0.04851	-0.03007	0.00594	-0.00553	0.00189	-0.00412	0.01825
t11	-0.00294	-0.11809	-0.00991	0.00151	-0.01299	-0.00268	-0.00410	0.05713
t10	0.01915	0.01535	-0.03989	0.01381	-0.00759	0.00178	-0.00412	0.02552
t9	0.01020	-0.02206	0.06728	-0.00744	0.00976	0.00160	-0.00408	0.02581
t8	0.01485	0.07336	0.02389	0.00807	0.01448	0.00156	-0.00406	0.01686
t7	0.01154	-0.02507	0.04642	-0.01386	-0.00205	-0.00097	-0.00412	0.01590
t6	-0.00881	0.00033	0.03040	-0.00699	0.00465	0.00187	-0.00409	0.01590
t5	0.00749	0.22451	-0.06836	-0.01067	0.02436	0.00170	-0.00409	0.00475
t4	0.00292	0.11787	0.01074	-0.00130	-0.00214	0.00150	-0.00410	0.03182
t3	0.01458	-0.25486	-0.01144	0.00444	0.01338	0.00308	-0.00408	0.01572
t2	0.00255	-0.05628	0.04513	-0.00744	0.00411	-0.00037	-0.00408	-0.04543
t1	0.00566	-0.14417	-0.01322	-0.00448	-0.01365	-0.00107	-0.00415	0.04094
t0	0.03305	-0.00035	0.00184	-0.00519	-0.00792	0.00180	-0.00408	0.01447
t-1	0.02002	0.00226	0.13473	0.00226	0.01180	0.00233	-0.00410	0.04197
t-2	-0.02552	0.02944	0.07151	0.00760	-0.02062	0.00176	-0.00409	0.02455
t-3	-0.00126	-0.13713	-0.14944	-0.00516	0.01092	-0.00478	-0.00406	0.01897
t-4	-0.01200	0.00717	-0.03172	0.00301	0.01643	0.00117	-0.00408	0.06520
t-5	0.00557	-0.06436	-0.08382	-0.00640	-0.01399	0.00028	-0.00416	-0.02516
t-6	0.00589	0.13959	0.00143	0.00185	-0.03910	-0.00221	-0.00410	-0.00871
t-7	0.00921	-0.06649	0.00298	-0.00170	0.00220	-0.00439	-0.00407	-0.05147
t-8	-0.01114	-0.10648	0.01909	0.00580	-0.00004	-0.00064	-0.00405	0.01196
t-9	0.00649	-0.01068	-0.07965	0.00569	0.00397	-0.00359	-0.00409	0.00296
t-10	-0.00225	-0.09803	0.00589	-0.00055	-0.01835	0.01008	-0.00408	0.01164
t-11	0.02267	-0.03004	-0.03651	0.00098	0.00907	-0.00221	-0.00407	0.03818
t-12	-0.00251	0.00904	0.08439	0.00253	-0.00278	0.00010	-0.00409	0.01177
t-13	-0.00739	-0.08189	-0.03778	-0.00373	-0.00775	0.00736	-0.00408	0.00734
t-14	0.00431	0.03746	-0.06148	0.00166	-0.00096	0.00123	-0.00410	0.03092
t-15	-0.00636	-0.09043	-0.00469	0.00408	0.00677	0.00067	-0.00409	0.03257
t-16	0.00195	-0.01002	-0.05647	0.00448	0.00694	-0.00010	-0.00409	0.01011
t-17	0.00672	0.00910	-0.01617	0.00581	0.01788	0.00868	-0.00408	0.03025
t-18	-0.00439	0.03891	0.00700	-0.00522	-0.00290	0.00645	-0.00409	0.02292
t-19	0.01019	0.02610	-0.04690	-0.00501	0.00158	0.00143	-0.00414	0.02637
t-20	-0.00543	0.02862	0.02385	0.00250	0.00432	-0.00085	-0.00409	0.01353
t-21	0.00439	-0.02460	-0.05197	0.00312	-0.00163	-0.00425	-0.00409	0.02028
t-22	0.00673	0.02848	-0.00430	0.00207	-0.01418	0.00353	-0.00410	0.02585
t-23	0.01037	-0.00919	0.00704	-0.00096	-0.01269	-0.00438	-0.00409	0.02279
t-24	0.00881	0.02562	0.02470	-0.00104	0.00951	0.00500	-0.00410	0.03215
t-25	0.00911	-0.03993	0.01711	0.00330	0.00466	0.00434	-0.00408	-0.00339
t-26	0.00261	0.03007	0.01860	-0.00141	-0.00409	0.00342	-0.00409	0.01402
t-27	0.00910	-0.00245	-0.01294	0.00022	0.00766	-0.00747	-0.00409	0.03977
t-28	0.00449	0.01594	0.01852	-0.00080	0.00809	-0.00216	-0.00406	0.02784
t-29	0.00875	0.01907	-0.00381	0.00148	0.01299	0.00024	-0.00406	0.01143
t-30	0.00074	-0.01887	0.01683	0.00896	-0.01236	-0.00202	-0.00419	0.00642

KODE SAHAM	GJTL	HMSP	KLBF	LSIP	MPPA	PGAS	RUIS
t30	0.00788	0.00280	-0.01800	-0.00304	-0.01479	-0.01270	0.00941
t29	-0.00314	0.03185	-0.00162	-0.00759	0.00165	0.00838	-0.01714
t28	0.00674	0.00079	-0.00894	-0.00835	-0.00296	-0.00229	0.00540
t27	0.00314	-0.02010	-0.01011	-0.00429	0.00880	-0.01415	0.01932
t26	0.00484	0.02380	0.02507	-0.00400	-0.00333	0.01834	0.00302
t25	-0.00146	-0.03505	-0.00929	-0.00788	-0.00020	0.00593	-0.00851
t24	0.00185	0.02391	0.00334	-0.00440	0.02742	-0.01740	0.00327
t23	0.00458	-0.00218	0.01301	-0.00567	0.01428	-0.00271	0.00374
t22	0.00308	0.01536	0.01141	-0.00507	-0.03164	0.01841	-0.01642
t21	0.00767	0.03913	0.00448	-0.00729	-0.00717	0.01286	-0.00476
t20	-0.00976	0.03133	0.00300	-0.00612	-0.01800	0.00334	0.02056
t19	-0.00122	0.01098	0.04396	-0.00516	-0.00028	0.01463	0.00754
t18	0.01141	-0.00492	0.02284	-0.00569	0.00004	-0.01081	0.03810
t17	0.00556	0.05954	-0.00580	-0.00408	0.00339	-0.00550	0.00251
t16	-0.00249	0.01080	-0.04206	-0.01021	-0.01714	-0.00151	0.00478
t15	-0.00495	-0.02864	0.00782	-0.00720	0.00064	-0.00174	-0.00767
t14	0.00481	-0.07043	0.00358	-0.00276	-0.00817	0.01573	-0.03238
t13	0.00700	0.00580	-0.03638	-0.00482	0.01696	-0.00989	-0.00626
t12	0.01067	0.01024	-0.01000	-0.00765	-0.00843	-0.00141	0.00739
t11	0.00322	0.01592	-0.00807	-0.00851	-0.01336	0.02678	0.00110
t10	-0.00612	0.06219	0.03928	-0.00508	-0.00156	-0.02368	0.01614
t9	0.00467	-0.03947	0.02549	-0.00431	-0.01232	-0.00735	0.01371
t8	0.00050	0.02317	0.04846	-0.00302	-0.00394	-0.01434	0.01750
t7	0.00506	-0.11168	-0.00057	-0.00564	0.00087	0.01168	-0.01579
t6	0.01234	-0.01703	-0.02066	-0.00893	-0.01033	-0.01165	0.00510
t5	0.00161	0.00053	-0.02757	-0.00513	0.00438	-0.00710	0.01232
t4	-0.00334	-0.02511	-0.04206	-0.00660	-0.01138	0.01514	-0.03200
t3	-0.00959	0.02208	-0.00611	-0.00499	-0.00147	-0.01419	-0.00614
t2	0.00401	-0.00676	0.01900	-0.00243	0.00088	-0.00183	-0.00216
t1	0.00468	-0.02339	0.00581	-0.00621	0.00455	-0.00277	0.01278
t0	-0.00690	-0.00545	0.04243	-0.00795	0.00298	0.02633	0.02825
t-1	-0.00318	-0.03111	-0.02087	-0.01015	0.00329	0.00967	0.01782
t-2	-0.00336	-0.00066	0.02535	-0.00536	-0.00327	0.01571	0.03367
t-3	-0.00290	0.00279	-0.04000	-0.00513	0.00327	0.00212	-0.02203
t-4	0.00175	0.03806	-0.01951	-0.00920	-0.00137	-0.02395	0.02666
t-5	-0.00158	0.00938	-0.03049	-0.00789	0.00292	-0.02311	0.01231
t-6	0.00130	0.00964	-0.00258	-0.00796	-0.00516	0.02210	-0.01485
t-7	0.00032	0.00153	0.01453	-0.00779	0.00346	-0.03420	-0.00528
t-8	0.00213	0.00065	-0.02085	-0.00616	-0.00054	-0.01824	-0.01950
t-9	-0.00096	0.00065	-0.01204	-0.00733	0.00172	-0.01144	0.03134
t-10	0.00336	-0.00946	-0.01418	-0.00632	0.00211	-0.00213	0.01076
t-11	0.00649	0.01509	0.00802	-0.00666	-0.00257	-0.01028	0.02144
t-12	-0.00088	0.00049	0.02395	-0.00603	0.00390	0.02080	0.01384
t-13	0.00154	-0.05498	-0.01407	-0.00711	0.00187	-0.00436	-0.03301
t-14	-0.01664	0.02336	0.01026	-0.00559	-0.00398	-0.03285	0.00452
t-15	0.00252	-0.00064	-0.01776	-0.00449	-0.00089	0.01961	-0.00600
t-16	0.00369	0.02430	0.00680	-0.00708	-0.00248	0.00943	0.02083
t-17	0.00761	0.00850	-0.00375	-0.00623	0.00643	-0.00452	-0.00685
t-18	-0.00572	0.00344	0.01858	-0.01263	-0.01601	0.03152	0.00029
t-19	0.00439	0.04537	0.01825	-0.00589	0.00976	-0.02668	0.06334
t-20	-0.00511	-0.03660	-0.00034	-0.00547	0.00889	0.03180	0.03335
t-21	0.00700	-0.02167	0.00420	-0.00410	0.00326	-0.04711	-0.07147
t-22	0.00292	-0.06046	0.00884	-0.00879	0.00291	-0.01865	-0.01563
t-23	-0.00220	-0.00292	-0.00982	-0.00523	0.00223	0.00491	-0.04035
t-24	-0.00302	-0.01109	0.00626	-0.00857	0.00974	0.02975	0.00010
t-25	0.00042	-0.00321	0.01346	-0.00431	-0.00206	0.00995	0.00084
t-26	0.00037	0.02086	0.01463	-0.00575	0.00105	-0.00063	0.00848
t-27	-0.00617	-0.00309	0.01859	-0.00755	0.00285	0.03600	-0.03836
t-28	0.00553	-0.00711	-0.01426	-0.00784	-0.00057	-0.00317	0.00222
t-29	0.00211	0.01428	-0.01364	-0.00663	-0.00082	-0.02951	-0.01790
t-30	0.00090	0.01578	0.00876	-0.00664	-0.00238	0.02585	0.03946

KODE SAHAM	SCMA	SGRO	SMGR	TINS	TOTL	UNTR	UNVR
t30	-0.00079	-0.02544	-0.00270	0.00183	-0.04594	-0.00186	-0.00220
t29	0.00231	0.00509	-0.00264	0.00189	-0.01245	0.00112	0.00527
t28	-0.00431	0.02394	-0.00214	0.00032	-0.01000	-0.00389	0.00539
t27	-0.00776	0.00187	-0.00151	0.00015	0.05011	0.00155	0.00985
t26	-0.00947	-0.01375	-0.00072	0.00015	0.03259	-0.00646	-0.00449
t25	0.00578	0.00220	0.00005	-0.00180	0.06176	-0.00544	0.00594
t24	0.00691	0.00284	-0.00011	0.00294	-0.00048	-0.00401	0.00066
t23	0.00042	-0.02446	-0.00381	0.00012	-0.02598	-0.00263	-0.00520
t22	0.00082	-0.00867	-0.00211	-0.01059	-0.03476	-0.00015	0.01086
t21	-0.00163	0.02561	-0.00081	0.00454	-0.05315	-0.00068	0.00473
t20	-0.00547	0.00799	0.00104	-0.00010	-0.00752	-0.00263	-0.00681
t19	0.00368	0.04937	0.00178	0.00472	0.02436	-0.00630	0.00045
t18	0.00092	0.00117	-0.00237	0.00167	0.00762	-0.00551	0.01089
t17	0.00645	0.00424	-0.00371	0.00069	0.05411	-0.00148	0.00815
t16	-0.00713	-0.01262	-0.00329	0.00878	-0.02625	-0.00358	0.00345
t15	-0.00562	-0.04608	-0.00224	-0.00704	0.03242	-0.00161	0.00903
t14	-0.00832	-0.01070	-0.00081	-0.00416	-0.05053	-0.00286	-0.00355
t13	-0.00136	0.00778	-0.00230	-0.01164	-0.02452	0.00045	-0.00093
t12	0.00692	-0.00074	-0.00109	-0.00054	-0.03846	-0.00032	0.00105
t11	0.00343	0.01963	-0.00090	-0.00211	-0.00304	-0.00557	0.00093
t10	-0.00545	0.01633	0.00208	-0.00059	0.01868	-0.00044	0.00957
t9	-0.00395	0.02147	-0.00200	0.00405	-0.02623	-0.00064	-0.00310
t8	-0.00679	-0.02362	-0.00606	-0.00057	-0.01505	-0.00069	0.00110
t7	-0.00498	0.00468	-0.00445	-0.00135	-0.01775	-0.00360	0.01503
t6	0.00737	0.01446	-0.00267	0.00278	0.01043	-0.00033	-0.00992
t5	0.00198	-0.04557	-0.00051	0.00307	0.03064	-0.00054	-0.00184
t4	-0.00308	-0.01054	-0.00023	-0.00086	-0.01761	-0.00076	-0.00530
t3	0.00118	-0.00516	-0.00049	0.00266	0.01327	0.00105	0.00757
t2	-0.01315	0.01508	-0.00110	0.00138	-0.02230	-0.00291	-0.00397
t1	0.00122	0.03603	0.00000	0.00198	0.00887	-0.00372	-0.00172
t0	-0.00189	0.02190	-0.00013	-0.00026	-0.00452	-0.00041	0.00928
t-1	-0.00389	0.04338	-0.00079	0.00092	0.02383	0.00020	-0.00522
t-2	-0.00665	-0.03207	-0.00152	0.00189	0.02341	-0.00046	0.00089
t-3	-0.00029	0.03387	-0.00176	0.00136	-0.00019	-0.00799	0.00042
t-4	0.00631	0.01444	0.00098	0.00300	0.00558	-0.00114	0.01481
t-5	-0.00478	-0.02233	-0.00164	-0.00323	0.01147	-0.00217	0.00657
t-6	0.00728	-0.00938	-0.00091	-0.00018	-0.01222	-0.00502	0.00956
t-7	-0.01049	-0.02864	-0.00395	0.00433	0.00819	-0.00754	0.00284
t-8	-0.00823	0.04021	-0.00220	0.00224	0.01733	-0.00323	-0.01005
t-9	-0.00505	0.01234	-0.00131	-0.00063	0.01882	-0.00661	-0.00964
t-10	-0.00199	0.02681	-0.00293	-0.00151	0.02385	0.00910	0.01272
t-11	0.00350	0.01652	-0.00239	0.00198	-0.01786	-0.00503	-0.01512
t-12	0.00233	-0.04694	-0.00074	0.00276	-0.01707	-0.00237	-0.00722
t-13	-0.00199	0.00389	0.00024	0.00407	0.01136	0.00597	-0.00386
t-14	-0.01013	-0.01036	-0.00042	0.00141	0.01371	-0.00107	0.00074
t-15	-0.00838	0.02598	-0.00118	-0.00193	0.00973	-0.00172	-0.00329
t-16	0.00055	-0.01151	0.00116	0.00192	-0.00173	-0.00260	0.01208
t-17	-0.00410	-0.00183	0.00163	0.00044	-0.00204	0.00749	-0.00036
t-18	0.00026	0.08355	-0.00437	0.00206	0.01436	0.00493	-0.01445
t-19	-0.00250	0.04293	-0.00160	0.00466	-0.00344	-0.00084	0.01149
t-20	0.00482	-0.09903	-0.00307	0.00083	0.00271	-0.00346	0.00645
t-21	0.00313	-0.02339	0.00013	-0.00094	-0.00115	-0.00737	-0.00044
t-22	-0.00852	-0.05687	-0.00184	-0.00317	0.00747	0.00157	0.01738
t-23	0.00285	-0.00209	-0.00316	0.00169	0.03577	-0.00752	-0.01140
t-24	0.00241	-0.00110	-0.00073	0.00193	-0.01004	0.00326	0.01751
t-25	0.00231	0.00925	0.00024	-0.00221	0.00722	0.00250	-0.02150
t-26	-0.00414	-0.05419	-0.00111	-0.00088	0.01789	0.00145	-0.00743
t-27	0.00310	0.00077	-0.00068	-0.00094	-0.00373	-0.01107	0.00422
t-28	0.00264	-0.02647	-0.00152	-0.00078	0.00383	-0.00497	0.01650
t-29	0.00214	0.05121	-0.00364	0.00088	-0.00570	-0.00221	0.00671
t-30	0.00617	-0.02728	-0.00161	-0.00031	0.00426	-0.00481	0.00148

Lampiran: 30

Abnorml Return Perusahaan Dividen Menurun

Formula: $AR_{i,t} = R_{i,t} – E(R_{i,t})$

KODE SAHAM	ADHI	ADMF	AKRA	ANTM	ASGR	AUTO	BCAP	CLPI
t30	-0.0264	-0.0024	-0.0168	0.0731	-0.0042	-0.0128	0.0041	0.0561
t29	0.0083	-0.0579	-0.0299	-0.0037	0.0281	0.0093	-0.0182	0.0705
t28	-0.0218	0.1096	-0.0219	-0.0178	-0.0254	-0.0111	-0.0069	-0.1025
t27	-0.0027	0.0128	0.0044	-0.0476	-0.0082	-0.0035	-0.0674	-0.0550
t26	0.0013	0.0133	-0.0312	0.0146	-0.0374	0.0096	-0.0110	0.0442
t25	-0.0381	-0.0447	-0.0143	0.0395	-0.0061	0.0026	0.0092	-0.1485
t24	0.0097	-0.0948	-0.0440	-0.0311	0.0011	0.0013	0.0041	0.0976
t23	-0.0018	-0.0626	-0.0142	0.0026	-0.0084	0.0001	0.1041	-0.1122
t22	-0.0229	-0.1091	0.0598	0.0038	-0.0212	-0.0377	-0.0959	0.0475
t21	-0.0242	0.0840	0.0182	0.0031	-0.0016	-0.0361	0.0142	-0.1042
t20	-0.0208	-0.1039	-0.0095	-0.0128	0.0125	-0.0223	0.0041	-0.0615
t19	-0.0080	-0.0331	0.0118	0.0123	0.0106	-0.0187	0.0041	0.0125
t18	0.0170	0.0535	-0.0191	0.0050	-0.0137	-0.0189	0.0041	-0.0936
t17	0.0111	0.0245	-0.0028	-0.0097	0.0145	0.0100	-0.0009	0.0032
t16	-0.0063	0.0701	-0.0722	-0.0775	-0.0203	0.0119	-0.0009	-0.0002
t15	-0.0171	-0.1107	0.0381	-0.0605	0.0105	-0.0062	0.0245	-0.0506
t14	-0.0109	-0.0375	-0.0502	0.0059	0.0032	0.0003	0.0041	0.0296
t13	-0.0093	-0.0755	-0.0272	0.0113	-0.0251	-0.0187	-0.0304	-0.0546
t12	-0.0133	-0.0485	0.0301	0.0119	0.0055	-0.0019	0.0041	-0.0132
t11	0.0131	0.1181	-0.0043	0.0075	0.0223	0.0027	0.0191	-0.0571
t10	0.0346	-0.0153	0.0123	-0.0315	0.0007	0.0091	0.0041	0.0277
t9	-0.0208	0.0073	-0.0389	-0.0099	-0.0166	-0.0124	-0.0107	-0.0258
t8	0.0069	-0.0734	-0.0309	-0.0655	-0.0190	-0.0016	0.0293	-0.0169
t7	-0.0006	0.0251	-0.0248	0.0057	0.0066	0.0010	-0.0253	-0.0159
t6	-0.0127	0.0249	-0.0718	-0.0168	-0.0047	0.0145	0.0241	-0.0051
t5	-0.0285	-0.2194	0.0415	0.0107	-0.0221	0.0150	0.0041	-0.0258
t4	-0.0029	-0.1229	0.0098	0.0013	0.0067	-0.0015	-0.0009	-0.0212
t3	-0.0352	0.1801	0.0114	0.0036	-0.0134	0.0434	-0.0009	-0.0157
t2	-0.0026	0.0951	-0.0312	-0.0160	-0.0041	0.0004	0.0041	-0.0051
t1	0.0048	0.0805	-0.0138	0.0204	0.0023	0.0011	0.0041	-0.0409
t0	0.0104	-0.0830	0.0189	-0.0330	0.0034	0.0343	0.0041	-0.0716
t-1	0.0137	-0.0187	-0.0686	0.0054	-0.0073	-0.0259	0.0041	-0.0176
t-2	-0.0277	-0.0253	-0.0254	-0.0076	-0.0016	-0.0303	0.0041	-0.0366
t-3	-0.0297	0.1330	0.1124	-0.0100	-0.0020	-0.0009	0.0141	0.0562
t-4	0.0018	0.0011	0.0317	0.0046	-0.0164	-0.0012	-0.0155	0.0377
t-5	-0.0448	0.0481	0.0413	-0.0160	0.0140	-0.0003	0.0091	0.0988
t-6	-0.0345	-0.1477	-0.0085	-0.0018	0.0193	0.0137	0.0091	-0.1243
t-7	-0.0092	0.0665	0.0041	0.0092	0.0272	0.0102	0.0041	-0.0940
t-8	0.0017	0.1065	-0.0047	0.0018	0.0161	0.0183	0.0090	-0.0758
t-9	0.0030	0.0107	0.0449	0.0019	-0.0153	0.0036	0.0041	-0.0339
t-10	-0.0072	0.0822	-0.0128	0.0005	-0.0017	0.0458	0.0296	-0.0607
t-11	-0.0227	0.0300	0.0229	-0.0306	-0.0046	0.0212	-0.0800	-0.0479
t-12	0.0217	-0.0398	-0.0192	0.0049	0.0118	0.0259	-0.0187	0.0080
t-13	0.0074	0.0896	-0.0039	-0.0182	-0.0271	0.0058	-0.0094	-0.0362
t-14	-0.0043	-0.0452	0.0615	-0.0017	0.0187	0.0121	-0.0222	-0.0309
t-15	-0.0395	0.0828	0.0047	-0.0041	0.0182	0.0410	0.0041	-0.0606
t-16	-0.0019	0.0177	0.0101	0.0029	-0.0001	0.0142	-0.0419	0.0089
t-17	-0.0421	-0.0129	0.0031	-0.0058	-0.0110	0.0203	0.0125	-0.0489
t-18	0.0317	-0.0427	-0.0135	0.0201	0.0075	0.0009	0.0256	-0.0229
t-19	-0.0010	-0.0184	0.0278	-0.0024	0.0031	-0.0229	0.0041	-0.0356
t-20	0.0337	-0.0209	-0.0044	-0.0171	-0.0226	-0.0062	0.2251	0.0665
t-21	0.0051	0.0093	0.0145	-0.0104	0.0062	-0.0558	0.0596	-0.0302
t-22	-0.0162	-0.0208	-0.0080	0.0052	-0.0038	-0.0167	0.0692	0.0262
t-23	0.0188	0.0092	-0.0132	-0.0063	0.0082	-0.0022	-0.0018	-0.0432
t-24	0.0212	-0.0218	-0.0368	0.0083	-0.0027	-0.0050	0.0041	0.0448
t-25	0.0010	-0.0008	-0.0291	-0.0105	-0.0047	-0.0108	-0.0670	0.0740
t-26	-0.0026	0.0246	-0.0003	0.0161	-0.0004	0.0164	0.0264	-0.0140
t-27	-0.0091	0.0024	0.0069	-0.0002	-0.0099	-0.0056	0.0041	-0.0398
t-28	-0.0045	-0.0313	-0.0245	0.0082	-0.0081	0.0087	0.0041	-0.0159
t-29	-0.0087	-0.0113	-0.0139	-0.0161	-0.0130	-0.0002	-0.0015	-0.0459
t-30	0.0305	0.0228	-0.0168	-0.0233	0.0124	0.0086	0.0269	-0.0064

KODE SAHAM	GJTL	HMSP	KLBF	LSIP	MPPA	PGAS	RUIS
t30	-0.0152	-0.0028	-0.0106	0.0136	0.0148	0.0050	0.0110
t29	0.0031	-0.0255	-0.0125	0.0182	0.0091	-0.0084	0.0171
t28	0.0006	0.0089	-0.0316	-0.0226	-0.0077	0.0179	-0.0446
t27	0.0511	0.0153	0.0169	0.0147	-0.0088	0.0300	0.0007
t26	-0.0125	-0.0157	-0.0318	0.0145	0.0141	-0.0416	-0.0226
t25	-0.0062	0.0318	-0.0040	0.0185	0.0111	0.0019	0.0085
t24	0.0137	-0.0158	0.0171	-0.0061	-0.0487	0.0253	-0.0033
t23	-0.0199	-0.0043	0.0008	0.0163	-0.0143	0.0352	-0.0230
t22	0.0046	-0.0072	-0.0250	0.0051	0.0211	-0.0499	-0.0025
t21	0.0407	-0.0375	0.0093	0.0403	0.0072	-0.0129	0.0048
t20	0.0179	-0.0131	0.0110	0.0061	0.0180	0.0046	0.0187
t19	0.0012	-0.0110	-0.0152	-0.0163	0.0109	-0.0303	-0.0075
t18	-0.0274	0.0083	0.0068	0.0166	0.0000	0.0031	-0.0381
t17	-0.0056	-0.0391	0.0208	-0.0067	-0.0034	0.0055	-0.0025
t16	0.0355	-0.0040	-0.0343	0.0211	0.0066	0.0093	0.0152
t15	0.0304	0.0168	0.0357	0.0072	0.0433	-0.0060	0.0077
t14	-0.0455	0.0522	-0.0108	-0.0185	0.0193	0.0081	0.0128
t13	-0.0230	-0.0025	0.0017	0.0156	-0.0170	0.0179	0.0063
t12	0.0139	-0.0069	0.0460	0.0185	0.0084	0.0014	-0.0451
t11	0.0050	-0.0226	-0.0267	-0.0022	0.0024	-0.0022	0.0381
t10	-0.0021	-0.0225	0.0042	0.0051	0.0016	-0.0003	-0.0354
t9	0.0120	0.0126	0.0200	0.0043	0.0014	-0.0006	0.0059
t8	0.0251	0.0207	0.0608	0.0250	-0.0173	0.0065	-0.0175
t7	-0.0135	0.0107	-0.0078	0.0056	-0.0009	-0.0037	-0.0034
t6	0.0702	0.0170	0.0291	-0.0019	-0.0002	-0.0040	-0.0051
t5	-0.0196	-0.0005	-0.0049	0.0161	-0.0044	0.0150	-0.0123
t4	-0.0056	0.0188	-0.0261	-0.0043	0.0010	-0.0072	0.0320
t3	0.0096	-0.0158	0.0215	0.0050	0.0120	0.0142	-0.0309
t2	-0.0301	-0.0026	-0.0488	0.0134	0.0098	-0.0214	0.0022
t1	0.0221	0.0156	0.0093	0.0062	-0.0046	0.0516	-0.0128
t0	-0.0192	0.0055	-0.0192	-0.0240	-0.0030	-0.0263	-0.0283
t-1	-0.0304	0.0128	0.0056	-0.0004	-0.0033	-0.0015	0.0011
t-2	-0.0212	0.0022	-0.0019	0.0160	0.0033	0.0182	-0.0337
t-3	0.0368	0.0222	-0.0119	0.0159	-0.0033	0.0151	-0.0143
t-4	0.0333	-0.0254	0.0049	-0.0014	0.0014	0.0154	0.0310
t-5	-0.0071	-0.0062	0.0021	-0.0026	0.0078	0.0146	0.0277
t-6	-0.0013	0.0065	0.0026	0.0186	0.0052	-0.0388	-0.0592
t-7	-0.0339	0.0001	-0.0354	-0.0130	-0.0035	0.0259	0.0437
t-8	0.0063	-0.0007	0.0278	-0.0042	0.0005	-0.0060	0.0006
t-9	0.0095	0.0010	-0.0017	0.0073	0.0091	0.0034	-0.0313
t-10	-0.0034	0.0030	-0.0192	0.0167	0.0089	-0.0058	0.0285
t-11	-0.0396	-0.0151	-0.0276	-0.0036	-0.0083	0.0183	-0.0214
t-12	-0.0311	-0.0100	0.0098	0.0164	-0.0039	-0.0127	-0.0331
t-13	-0.0015	0.0550	0.0348	-0.0032	0.0436	0.0044	0.0141
t-14	-0.0144	-0.0234	-0.0305	0.0056	-0.0290	0.0249	0.0555
t-15	0.0463	0.0038	0.0384	0.0255	0.0009	-0.0354	0.0060
t-16	-0.0037	-0.0306	-0.0465	0.0071	0.0025	0.0066	-0.0404
t-17	0.0174	-0.0085	0.0104	0.0169	-0.0064	0.0126	0.0269
t-18	0.0492	0.0143	-0.0446	-0.0082	0.0385	-0.0151	-0.0003
t-19	-0.0044	-0.0502	-0.0182	0.0164	-0.0098	0.0267	-0.0217
t-20	0.0799	0.0239	0.0480	-0.0049	-0.0089	-0.0235	0.0101
t-21	0.0848	-0.0106	0.0026	0.0146	0.0081	0.0813	-0.0085
t-22	-0.0421	0.0792	-0.0088	-0.0118	-0.0029	0.0102	0.0360
t-23	0.0430	-0.0018	0.0030	0.0156	-0.0135	-0.0377	-0.0173
t-24	0.0568	0.0080	0.0075	-0.0118	0.0016	-0.0131	0.0195
t-25	-0.0111	0.0095	0.0005	0.0251	-0.0309	0.0245	-0.0901
t-26	0.0104	0.0031	-0.0146	0.0057	-0.0119	0.0552	0.0097
t-27	-0.0045	0.0047	0.0028	-0.0028	-0.0029	-0.0625	0.0205
t-28	0.0052	0.0168	0.0513	-0.0124	0.0116	-0.0227	-0.0198
t-29	-0.0021	-0.0175	0.0287	0.0066	-0.0100	0.0295	-0.0321
t-30	-0.0009	-0.0158	-0.0236	0.0066	0.0024	0.0007	0.1370

KODE SAHAM	SCMA	SGRO	SMGR	TINS	TOTL	UNTR	UNVR
t30	-0.0272	0.0254	0.0274	-0.0300	0.0459	0.0152	0.0123
t29	0.0167	0.0319	-0.0155	-0.0226	0.0209	-0.0245	-0.0027
t28	0.0043	-0.0510	-0.0098	0.0137	0.0272	-0.0089	-0.0028
t27	0.0078	-0.0108	0.0015	0.0286	-0.0501	0.0062	-0.0098
t26	0.0289	0.0049	0.0190	0.0071	0.0031	0.0143	0.0252
t25	-0.0058	-0.0110	0.0250	0.0799	-0.0618	0.0546	-0.0312
t24	-0.0069	-0.0115	0.0324	-0.0477	-0.0662	0.0497	0.0095
t23	-0.0004	0.0074	0.0038	-0.0075	0.0096	0.0026	0.0260
t22	-0.0471	-0.0081	-0.0230	-0.0040	0.0186	0.0001	-0.0533
t21	0.0925	0.0275	-0.0356	0.0255	0.0219	0.0007	0.0341
t20	-0.0334	-0.0339	0.0302	0.0001	0.0154	-0.0411	0.0501
t19	0.0263	-0.0663	0.0440	-0.0195	-0.0164	0.0461	-0.0031
t18	-0.0300	-0.0178	-0.0231	0.0698	0.0424	-0.0167	-0.0242
t17	-0.0161	-0.0125	-0.0272	0.0154	-0.0941	0.0213	0.0081
t16	0.0168	-0.0116	-0.0324	-0.0903	0.1132	0.0036	0.0075
t15	0.0154	0.0461	-0.0486	-0.0076	-0.0741	0.0102	-0.0090
t14	-0.0294	0.0271	0.0065	-0.0445	0.0261	-0.0084	-0.0204
t13	-0.0080	0.0005	-0.0253	-0.0021	-0.0644	-0.0252	0.0009
t12	0.0121	-0.0155	0.0123	0.0074	0.0385	-0.0024	0.0070
t11	-0.0312	-0.0356	0.0065	-0.0047	-0.0187	0.0111	0.0210
t10	-0.0216	-0.0243	0.0036	0.0006	-0.0862	-0.0316	0.0044
t9	0.0223	-0.0135	0.0311	-0.0109	-0.0488	0.0006	-0.0160
t8	-0.0200	-0.0148	-0.0742	-0.0129	0.0277	0.0007	0.0567
t7	0.0050	-0.0123	-0.0415	0.0219	0.1150	0.0036	-0.0265
t6	-0.0249	0.0010	-0.0173	-0.0294	0.0484	0.0278	0.0042
t5	-0.0020	0.0228	0.0106	-0.0031	0.0075	0.0005	0.0192
t4	0.0119	0.0182	0.0053	0.0009	0.0656	0.0589	-0.0117
t3	-0.0012	-0.0099	0.0428	-0.0473	0.0372	-0.0011	-0.0047
t2	0.0221	-0.0151	-0.0094	0.0050	-0.0023	0.0029	-0.0101
t1	-0.0101	-0.0508	0.0160	-0.0330	0.0078	0.0096	-0.0039
t0	0.0292	-0.0144	0.0109	-0.0744	0.0129	0.0305	-0.0148
t-1	-0.0051	-0.0359	0.0062	-0.0234	-0.0238	0.0120	0.0108
t-2	0.0067	0.0793	0.0070	-0.0019	-0.0063	0.0066	0.0162
t-3	0.0094	0.0071	-0.0195	0.0043	0.0356	-0.0275	-0.0334
t-4	0.0029	0.0108	0.0098	-0.0251	0.0217	-0.0106	-0.0148
t-5	0.0140	0.0394	0.0016	0.0088	-0.0115	0.0022	-0.0010
t-6	0.0021	0.0180	0.0063	0.0002	-0.0143	0.0080	0.0218
t-7	0.0199	0.0373	-0.0120	-0.0153	0.0098	-0.0098	-0.0196
t-8	-0.0011	-0.0402	0.0130	-0.0022	-0.0173	0.0061	0.0359
t-9	-0.0042	-0.0036	-0.0093	0.0117	-0.0097	-0.0160	0.0039
t-10	0.1040	-0.0180	0.0083	-0.0040	0.0139	0.0290	0.0289
t-11	0.0617	-0.0253	-0.0435	0.0036	0.0274	0.0080	0.0522
t-12	0.0087	0.0558	0.0110	-0.0083	-0.0016	0.0024	0.0103
t-13	0.0020	-0.0039	0.0155	0.0128	-0.0645	0.0150	0.0039
t-14	-0.0007	0.0376	0.0110	-0.0180	0.0424	-0.0365	0.0182
t-15	-0.0129	-0.0168	0.0012	-0.0036	-0.0190	-0.0040	0.0001
t-16	-0.0111	0.0208	0.0260	0.0381	-0.0074	0.0261	-0.0183
t-17	-0.0063	0.0018	-0.0016	0.0170	0.0303	0.0044	0.0035
t-18	-0.0106	-0.0835	-0.0323	-0.0192	0.0049	0.0257	0.0082
t-19	0.0129	-0.0429	-0.0139	-0.0104	-0.0246	0.0008	-0.0207
t-20	-0.0048	0.1084	-0.0021	0.0049	-0.0027	0.0384	0.0189
t-21	0.0074	0.0328	0.0102	-0.0104	0.0011	-0.0352	0.0036
t-22	0.0192	0.0860	-0.0033	-0.0189	0.0116	0.0298	-0.0237
t-23	-0.0338	-0.0075	-0.0170	0.0039	-0.0064	0.0170	0.0210
t-24	0.0295	-0.0359	0.0539	-0.0183	0.0003	-0.0158	-0.0238
t-25	0.0084	-0.0274	0.0105	0.0022	0.0126	0.0264	0.0311
t-26	0.0491	0.0452	0.0011	0.0009	-0.0179	0.0149	0.0074
t-27	-0.0357	-0.0185	-0.0047	-0.0204	0.0037	0.0177	-0.0074
t-28	-0.0026	0.0445	0.0123	0.0008	0.0483	0.0083	-0.0383
t-29	-0.0021	-0.0234	-0.0175	0.0045	-0.0147	0.0089	-0.0098
t-30	-0.0377	0.0559	-0.0037	-0.0050	-0.0043	0.0500	-0.0077

Lampiran: 31

Average Abnormal Return (AAR)

Formula: $AAR = \frac{\sum_{i=1}^{k} AR_{i,t}}{n}$

Perusahaan Dividen Meningkat		Perusahaan Dividen Menurun	
Periode	AAR	Periode	AAR
t30	-0.0054	t30	0.0071
t29	0.0007	t29	0.0006
t28	0.0051	t28	-0.0093
t27	0.0073	t27	-0.0034
t26	0.0076	t26	0.0005
t25	0.0169	t25	-0.0041
t24	-0.0011	t24	-0.0052
t23	-0.0163	t23	-0.0027
t22	-0.0241	t22	-0.0157
t21	-0.0128	t21	0.0078
t20	0.0018	t20	-0.0074
t19	-0.0067	t19	-0.0030
t18	0.0100	t18	-0.0044
t17	-0.0041	t17	-0.0039
t16	-0.0012	t16	-0.0018
t15	-0.0080	t15	-0.0048
t14	-0.0038	t14	-0.0037
t13	-0.0014	t13	-0.0161
t12	-0.0068	t12	0.0032
t11	-0.0250	t11	0.0028
t10	-0.0035	t10	-0.0074
t9	-0.0073	t9	-0.0049
t8	-0.0055	t8	-0.0048
t7	-0.0109	t7	0.0011
t6	-0.0026	t6	0.0031
t5	-0.0039	t5	-0.0082
t4	0.0056	t4	0.0012
t3	0.0078	t3	0.0093
t2	-0.0056	t2	-0.0020
t1	-0.0047	t1	0.0037
t0	-0.0347	t0	-0.0114
t-1	-0.0057	t-1	-0.0086
t-2	0.0016	t-2	-0.0027
t-3	0.0056	t-3	0.0141
t-4	0.0086	t-4	0.0044
t-5	-0.0042	t-5	0.0109
t-6	-0.0012	t-6	-0.0136
t-7	0.0003	t-7	0.0006
t-8	-0.0067	t-8	0.0042
t-9	0.0018	t-9	-0.0005
t-10	0.0005	t-10	0.0121
t-11	-0.0007	t-11	-0.0057
t-12	-0.0022	t-12	0.0004
t-13	0.0026	t-13	0.0062
t-14	0.0025	t-14	0.0014
t-15	-0.0025	t-15	0.0035
t-16	0.0015	t-16	-0.0010
t-17	-0.0038	t-17	0.0015
t-18	0.0064	t-18	-0.0030
t-19	-0.0104	t-19	-0.0093
t-20	-0.0023	t-20	0.0245
t-21	0.0020	t-21	0.0082
t-22	-0.0085	t-22	0.0089
t-23	0.0031	t-23	-0.0028
t-24	-0.0024	t-24	0.0032
t-25	0.0040	t-25	-0.0026
t-26	-0.0054	t-26	0.0102
t-27	-0.0066	t-27	-0.0073
t-28	-0.0019	t-28	0.0018
t-29	0.0005	t-29	-0.0074
t-30	-0.0012	t-30	0.0095

Lampiran: 32

Analisis Statistik Deskriptif

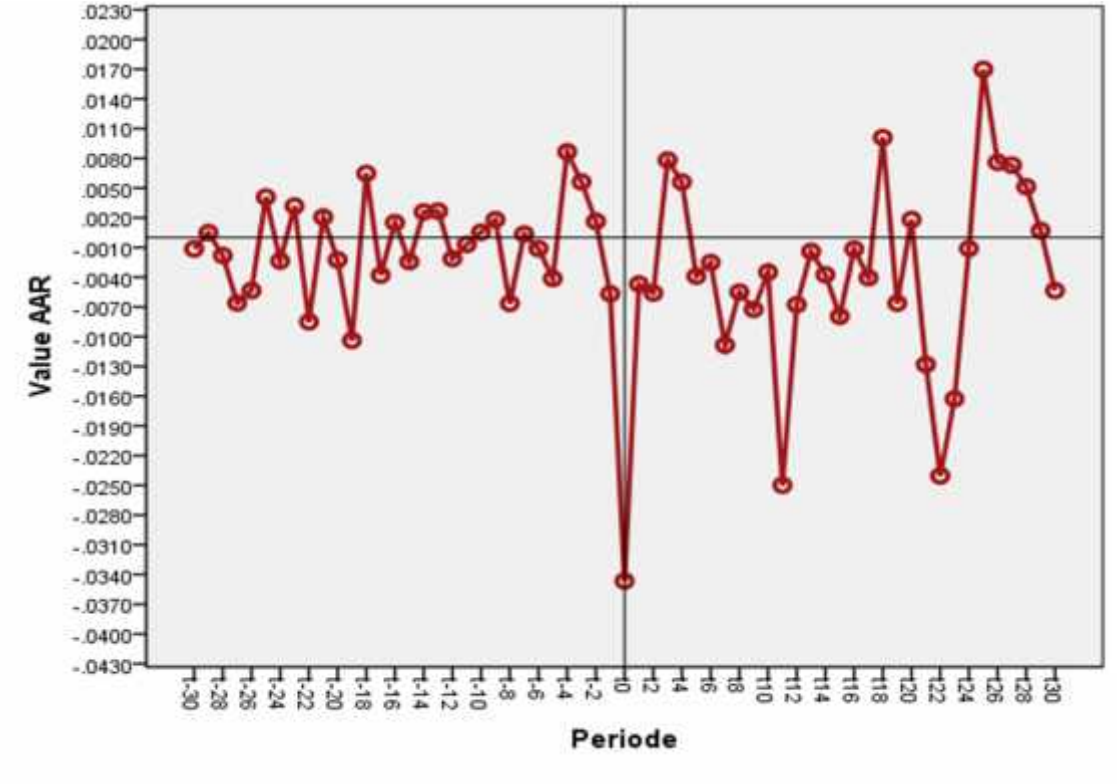
Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
AAR-Sebelum-Div-Naik	30	-.0104	.0087	-.000775	.0044351
AAR-Sesudah-Div-Naik	30	-.0250	.0170	-.003232	.0091816
AAR-Sebelum-Div-Turun	30	-.0136	.0245	.002036	.0081075
AAR-Sesudah-Div-Turun	30	-.0161	.0093	-.002411	.0059678
Valid N (listwise)	30				

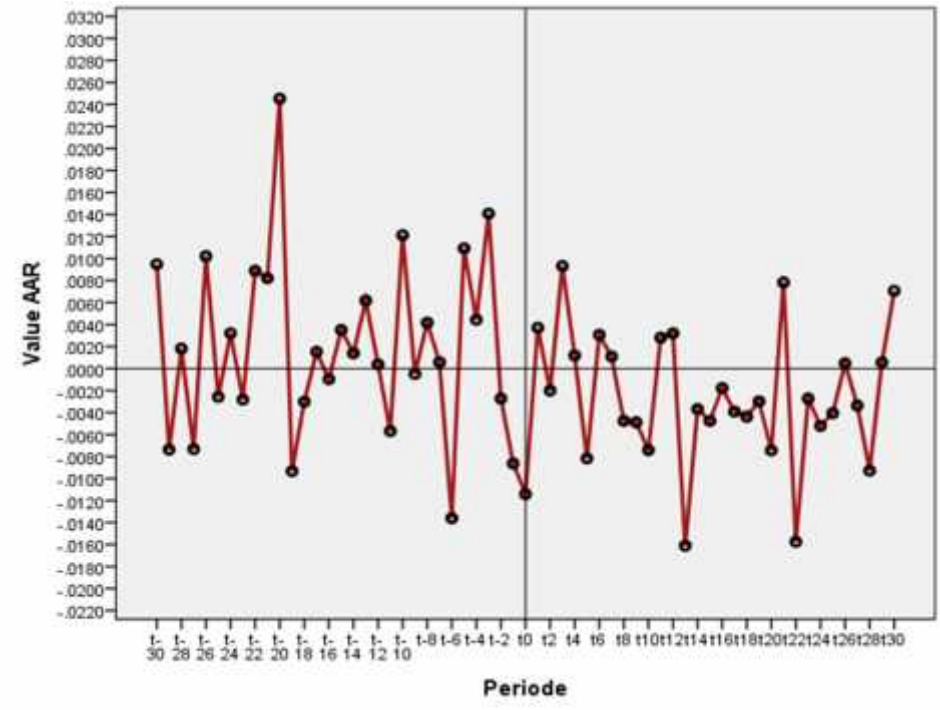
Lampiran: 33

Grafik *Average Abnormal Return* (AAR)

AAR Perusahaan Dividen Meningkat



AAR Perusahaan Dividen Menurun



Lampiran: 34

Uji *One Sample t-test* Perusahaan Dividen Meningkat

One-Sample Test

	Test Value = 0					
	t	df	Sig. (2-tailed)	Mean Difference	95% Confidence Interval of the Difference	
					Lower	Upper
t30	-1.262	39	.215	-.0053886	-.014027	.003250
t29	.090	39	.929	.0006659	-.014380	.015712
t28	.704	39	.486	.0050871	-.009537	.019711
t27	1.244	39	.221	.0072662	-.004551	.019083
t26	.988	39	.329	.0075556	-.007912	.023023
t25	1.678	39	.101	.0169274	-.003482	.037337
t24	-.150	39	.882	-.0011481	-.016662	.014365
t23	-3.912	39	.000	-.0163159	-.024751	-.007880
t22	-1.171	39	.249	-.0240865	-.065703	.017530
t21	-2.449	39	.019	-.0128469	-.023458	-.002236
t20	.360	39	.721	.0017730	-.008197	.011743
t19	-1.399	39	.170	-.0066562	-.016281	.002969
t18	1.215	39	.232	.0100438	-.006679	.026766
t17	-.827	39	.413	-.0040969	-.014121	.005928
t16	-.284	39	.778	-.0011962	-.009723	.007331
t15	-1.469	39	.150	-.0079741	-.018951	.003003
t14	-.906	39	.370	-.0037977	-.012275	.004680
t13	-.339	39	.737	-.0014414	-.010051	.007168
t12	-1.879	39	.068	-.0068214	-.014163	.000520
t11	-1.108	39	.275	-.0250255	-.070730	.020679
t10	-.732	39	.468	-.0035278	-.013273	.006217
t9	-1.172	39	.248	-.0072789	-.019839	.005281
t8	-.919	39	.364	-.0055329	-.017712	.006646
t7	-1.496	39	.143	-.0108894	-.025610	.003831
t6	-.693	39	.493	-.0025634	-.010050	.004924
t5	-1.045	39	.302	-.0039399	-.011565	.003686
t4	.770	39	.446	.0055623	-.009040	.020165
t3	1.063	39	.294	.0077865	-.007034	.022607
t2	-1.056	39	.298	-.0056336	-.016427	.005160
t1	-1.185	39	.243	-.0047268	-.012797	.003344
t0	-5.692	39	.000	-.0346930	-.047021	-.022365
t_1	-1.187	39	.242	-.0057025	-.015419	.004014
t_2	.413	39	.682	.0016022	-.006241	.009445
t_3	.823	39	.416	.0055693	-.008119	.019258
t_4	1.182	39	.245	.0086104	-.006130	.023351
t_5	-1.399	39	.170	-.0041738	-.010206	.001859
t_6	-.409	39	.685	-.0011517	-.006848	.004544
t_7	.095	39	.925	.0003179	-.006457	.007092
t_8	-1.811	39	.078	-.0066801	-.014141	.000781
t_9	.330	39	.743	.0017626	-.009029	.012554
t_10	.231	39	.819	.0004977	-.003866	.004861
t_11	-.205	39	.838	-.0007319	-.007940	.006477
t_12	-.439	39	.663	-.0021771	-.012203	.007849
t_13	.571	39	.571	.0026243	-.006669	.011918
t_14	.448	39	.657	.0025433	-.008947	.014033
t_15	-.437	39	.665	-.0024686	-.013899	.008961
t_16	.400	39	.692	.0014696	-.005971	.008910
t_17	-1.265	39	.213	-.0038220	-.009931	.002287
t_18	1.396	39	.171	.0064320	-.002890	.015754
t_19	-2.223	39	.032	-.0104082	-.019879	-.000937
t_20	-.425	39	.673	-.0022918	-.013209	.008625
t_21	.436	39	.665	.0020116	-.007315	.011338
t_22	-2.894	39	.006	-.0085368	-.014503	-.002570
t_23	1.017	39	.315	.0031339	-.003098	.009366
t_24	-.593	39	.557	-.0023944	-.010565	.005776
t_25	1.278	39	.209	.0040465	-.002359	.010452
t_26	-1.460	39	.152	-.0053808	-.012838	.002076
t_27	-1.275	39	.210	-.0066408	-.017179	.003898
t_28	-.438	39	.664	-.0018512	-.010406	.006704
t_29	.104	39	.918	.0004578	-.008477	.009392
t_30	-.293	39	.771	-.0011817	-.009332	.006968

Lampiran: 34

Uji *One Sample t-test* Perusahaan Dividen Menurun

One-Sample Test

	Test Value = 0					
					95% Confidence Interval of the Difference	
	t	df	Sig. (2-tailed)	Mean Difference	Lower	Upper
t30	1.240	21	.229	.0070650	-.004788	.018918
t29	-3.336	21	.003	-.2171505	-.352513	-.081788
t28	-4.065	21	.001	-1.3187931	-1.993394	-.644192
t27	.955	21	.350	.0048681	-.005734	.015470
t26	.489	21	.630	.0036415	-.011847	.019130
t25	.149	21	.883	.0010471	-.013556	.015651
t24	-.157	21	.877	-.0012354	-.017586	.015116
t23	.006	21	.995	.0000441	-.015348	.015436
t22	-2.561	21	.018	-.0207796	-.037655	-.003905
t21	.519	21	.609	.0036398	-.010934	.018213
t20	.038	21	.970	.0002813	-.015061	.015623
t19	1.773	21	.091	.0126016	-.002176	.027380
t18	.629	21	.536	.0044075	-.010154	.018969
t17	.419	21	.679	.0023630	-.009366	.014092
t16	-1.968	21	.062	-.0194770	-.040055	.001101
t15	-.684	21	.501	-.0062158	-.025108	.012676
t14	-1.559	21	.134	-.0100344	-.023416	.003348
t13	-.807	21	.429	-.0050099	-.017920	.007900
t12	.726	21	.476	.0043189	-.008051	.016689
t11	1.555	21	.135	.0084323	-.002847	.019712
t10	-.111	21	.913	-.0008634	-.017034	.015307
t9	-.516	21	.611	-.0030470	-.015335	.009241
t8	.001	21	.999	.0000104	-.019249	.019270
t7	-1.239	21	.229	-.0115827	-.031030	.007865
t6	.493	21	.627	.0034308	-.011052	.017914
t5	-.812	21	.426	-.0043978	-.015659	.006863
t4	1.347	21	.192	.0108536	-.005900	.027607
t3	.262	21	.796	.0017983	-.012498	.016095
t2	-1.035	21	.312	-.0064270	-.019337	.006483
t1	-.455	21	.654	-.0037124	-.020668	.013244
t0	-1.786	21	.088	-.0119203	-.025798	.001957
t-1	.880	21	.389	.0054550	-.007430	.018340
t-2	.552	21	.587	.0032079	-.008884	.015300
t-3	-.232	21	.818	-.0020341	-.020237	.016169
t-4	.743	21	.466	.0046945	-.008443	.017832
t-5	.022	21	.982	.0001585	-.014627	.014944
t-6	-.281	21	.781	-.0022537	-.018910	.014403
t-7	-1.428	21	.168	-.0132754	-.032612	.006061
t-8	1.971	21	.062	.0075354	-.000414	.015484
t-9	-.336	21	.740	-.0015499	-.011150	.008050
t-10	2.248	21	.035	.0187255	.001399	.036052
t-11	-.412	21	.684	-.0031514	-.019056	.012753
t-12	1.511	21	.146	.0098444	-.003701	.023389
t-13	-.911	21	.373	-.0050873	-.016703	.006529
t-14	-.031	21	.975	-.0002103	-.014208	.013787
t-15	-.911	21	.373	-.0047462	-.015583	.006091
t-16	.842	21	.410	.0063399	-.009328	.022007
t-17	1.212	21	.239	.0075736	-.005417	.020565
t-18	1.016	21	.321	.0046207	-.004838	.014079
t-19	-1.499	21	.149	-.0055690	-.013296	.002158
t-20	1.686	21	.107	.0194929	-.004549	.043535
t-21	-.369	21	.716	-.0033782	-.022398	.015642
t-22	.151	21	.882	.0009684	-.012389	.014325
t-23	-.594	21	.559	-.0037672	-.016959	.009425
t-24	2.275	21	.034	.0135241	.001160	.025888
t-25	.306	21	.763	.0026062	-.015108	.020320
t-26	3.278	21	.004	.0165222	.006040	.027004
t-27	-2.845	21	.010	-.0116003	-.020080	-.003120
t-28	-.159	21	.875	-.0007777	-.010941	.009385
t-29	-2.188	21	.040	-.0124466	-.024275	-.000618
t-30	1.757	21	.093	.0175541	-.003220	.038328

Lampiran: 36

Uji Normalitas Perusahaan Dividen Meningkat

One-Sample Kolmogorov-Smirnov Test

		AAR	AAR Sebelum Pengumuman Dividen Meningkat	AAR Sesudah Pengumuman Dividen Meningkta
N		62	30	30
Normal Parameters[a,b]	Mean	-.002626	-.000817	-.003274
	Std. Deviation	.0082600	.0044351	.0091816
Most Extreme Differences	Absolute	.144	.088	.138
	Positive	.069	.053	.108
	Negative	-.144	-.088	-.138
Kolmogorov-Smirnov Z		1.138	.483	.754
Asymp. Sig. (2-tailed)		.150	.974	.620

a. Test distribution is Normal.

b. Calculated from data.

Uji Normalitas Perusahaan Dividen Menurun

One-Sample Kolmogorov-Smirnov Test

		AAR	AAR_Sesudah	AAR_Sebelum
N		61	30	30
Normal Parameters[a,b]	Mean	-.0004	-.0024	.0020
	Std. Deviation	.00748	.00597	.00811
Most Extreme Differences	Absolute	.075	.119	.084
	Positive	.075	.091	.084
	Negative	-.050	-.119	-.067
Kolmogorov-Smirnov Z		.582	.654	.457
Asymp. Sig. (2-tailed)		.887	.786	.985

a. Test distribution is Normal.

b. Calculated from data.

Lampiran: 37

Uji Beda menggunakan *Paired T-Test* Perusahaan Dividen Meningkat

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	AAR_Sebelum - AAR_Sesudah	.0024569	.0093815	.0017128	-.0010462	.0059600	1.434	29	.162

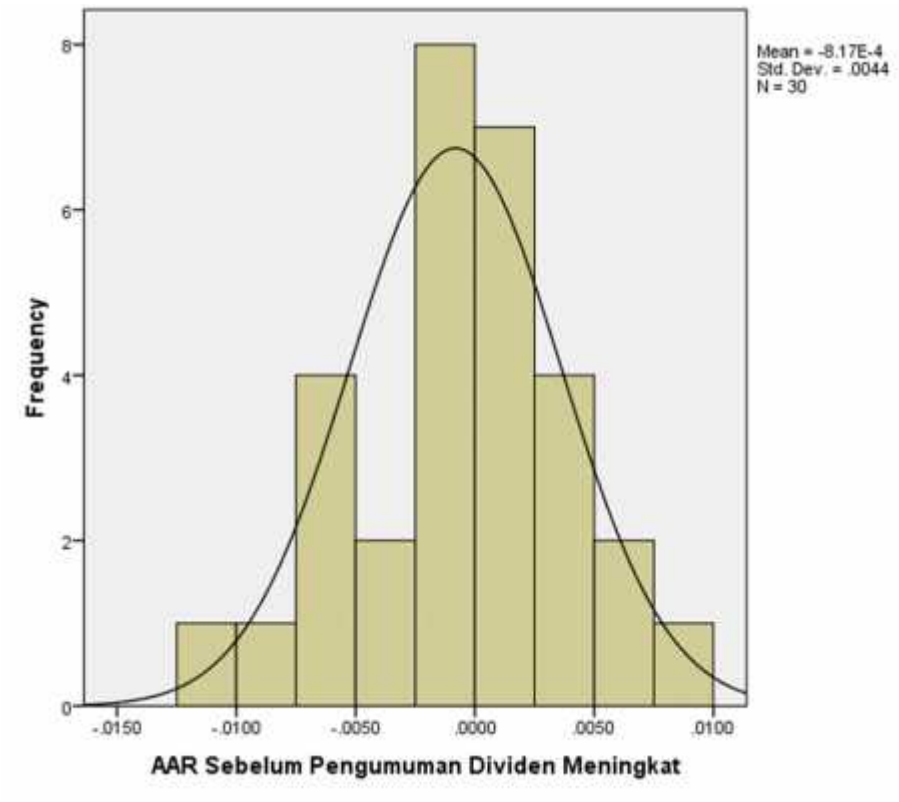
Uji Beda menggunakan *Paired t-test* Perusahaan Dividen Menurun

Paired Samples Test

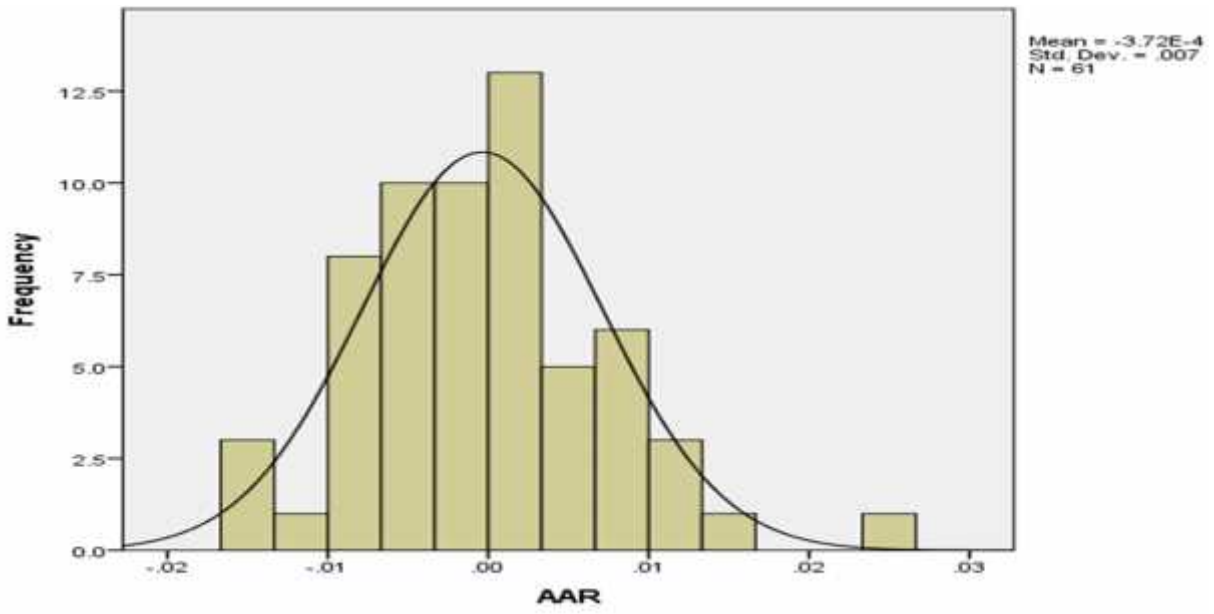
		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	AAR_Sebelum - AAR_Sesudah	.0044473	.0098738	.0018027	.0007604	.0081343	2.467	29	.020

Lampiran: 38

Uji Normalitas Data AAR Menggunakan Histogram



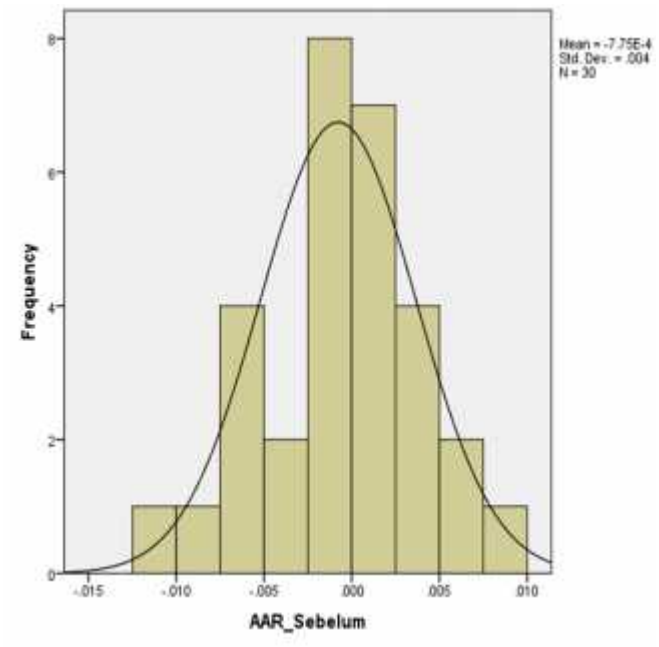
Uji Normalitas Data
***Average Abnormal Return* Perusahaan Dividen Meningkat**



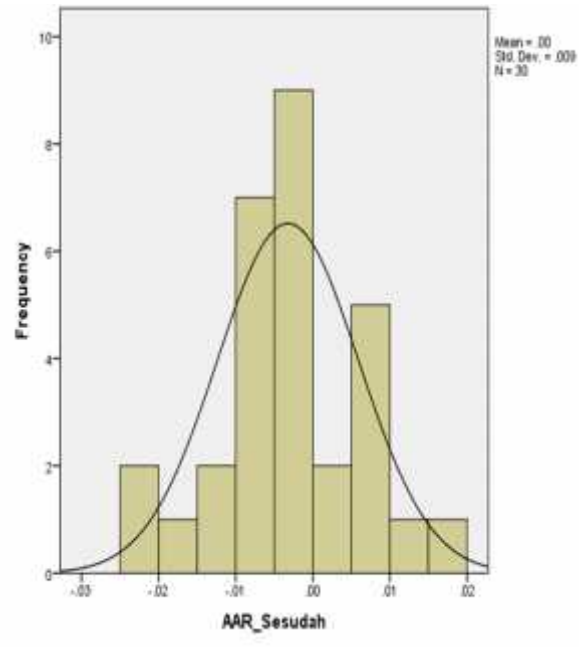
Uji Normalitas Data
***Average Abnormal Return* Perusahaan Dividen Menurun**

Lampiran: 39

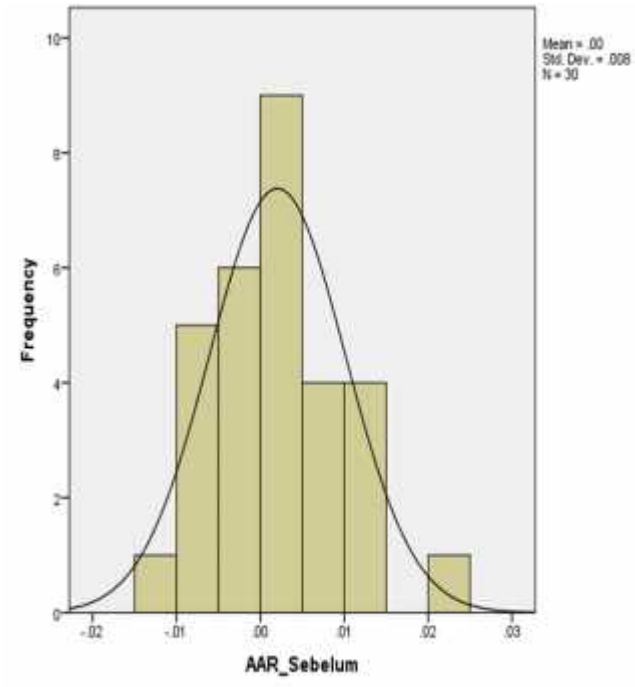
Uji Normalitas Sebelum Dan Sesudah Peristiwa Menggunakan Histogram



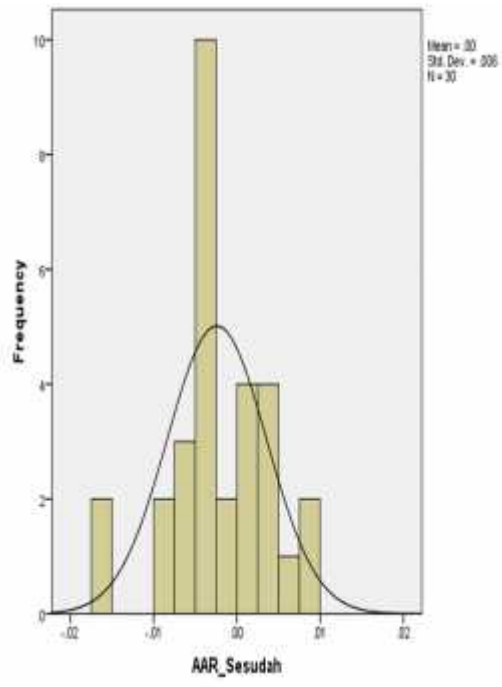
Uji Normalitas Data
***Average Abnormal Return* Sebelum**
Pengumuman Dividen Meningkat



Uji Normalitas Data
***Average Abnormal Return* Sesudah**
Pengumuman Dividen Meningkat



Uji Normalitas Data
***Average Abnormal Return* Sesudah**
Pengumuman Dividen Menurun



Uji Normalitas Data
***Average Abnormal Return* Sesudah**
Pengumuman Dividen Menurun