

## LAMPIRAN

Lampiran 1. Indikator Rasio Keuangan Pada Setiap Perusahaan Sektor Keuangan yang Terdaftar dan Tercatat di BEI Pada Tahun 2022

No	Nama Perusahaan	Kode Perusahaan	PBV	EPS	ROE	PER	DY	DER
1	Bank Pembangunan Daerah Jawa Tbk.	BJTM	0.98	102.63	13.48	6.64	7.34	0
2	Bank QNB Indonesia Tbk.	BKSW	0.57	-19.61	-8.61	-1.57	0	0
3	Clipan Finance Indonesia Tbk.	CFIN	0.24	11.95	6.08	24.76	0	0.97
4	Asuransi Jiwa Sinarmas MSIG Tbk.	LIFE	1.45	96.73	4.79	57.12	0.66	0
5	Fuji Finance Indonesia Tbk.	FUJI	4.12	6.57	5.28	75.84	0	0
6	Lippo General Insurance Tbk.	LPGI	2.11	419.84	10.11	13.39	11.4	0
7	Bank OCBC NISP Tbk.	NISP	0.52	132.16	9.72	5.64	2.95	0.06
8	Bank Nationalnobu Tbk.	NOBU	1.42	20.35	5.55	27.28	0	0
9	Onix Capital Tbk.	OCAP	-0.21	-46.94	13.98	-3.39	0	0
10	Asuransi Bina Dana Arta Tbk.	ABDA	2.8	197.29	6.05	33.96	0	0
11	Adira Dinamika Multi Finance Tbk.	ADMF	0.95	1600	16	5.61	6.74	1.09
12	Bank Raya Indonesia Tbk.	AGRO	3.83	0.5	0.34	-7.74	0	0
13	Bank IBK Indonesia Tbk.	AGRS	0.53	4.81	2.48	18.73	0	0
14	Asuransi Harta Aman Pratama Tbk.	AHAP	1.76	-5.36	-3.56	-14.36	0	0
15	Asuransi Multi Artha Guna Tbk.	AMAG	1.1	34.9	9.98	10.32	13.89	0

No	Nama Perusahaan	Kode Perusahaan	PBV	EPS	ROE	PER	DY	DER
16	Pacific Strategic Financial Tbk.	APIC	6.25	6.16	6.98	181.76	0	0.78
17	Bank Jago Tbk.	ARTO	5.87	11.49	0.19	305.5	0	0
18	Asuransi Bintang Tbk.	ASBI	0.5	72.1	1.39	7.49	1.06	0
19	Asuransi Dayin Mitra Tbk.	ASDM	0.49	98.55	5.08	9.13	8	0
20	Asuransi Jasa Tania Tbk.	ASJT	0.56	-0.31	0.18	-402.88	0	0.01
21	Asuransi Maximus Graha Persada Tbk.	ASMI	2.35	-9.34	-22.9	-11.24	0	0
22	Asuransi Ramayana Tbk.	ASRM	0.85	203.8	14.08	8	3.37	0
23	Bank MNC Internasional Tbk.	BABP	1.72	1.58	1.94	63.78	0	0
24	Bank Capital Indonesia Tbk.	BACA	1.22	1.6	0.98	81.9	0	0.3
25	Bank Central Asia Tbk.	BBCA	4.97	330.45	18.43	28.35	1.81	0
26	Allo Bank Indonesia Tbk.	BBHI	6.14	14.53	4.21	121.46	0	0
27	Bank KB Bukopin Tbk.	BBKP	0.66	-67.09	-44.8	-1.52	0	0.61
28	Buana Finance Tbk.	BBLD	0.78	41.14	6.65	14.46	1.01	4.8
29	Bank Mestika Dharma Tbk.	BBMD	2.03	137.32	11.49	15.44	1.7	0
30	Bank Negara Indonesia (Persero) Tbk.	BBNI	1.33	903.25	13.48	10.21	1.59	0.26
31	Bank Rakyat Indonesia (Persero) Tbk.	BBRI	2.52	336.28	17.1	14.69	3.53	0.01
32	Bank Tabungan Negara (Persero) Tbk.	BBTN	0.66	296.09	11.75	4.56	1.66	1.37
33	Bank Neo Commerce Tbk.	BBYB	3.45	-109.87	-21.07	-5.87	0.02	0

No	Nama Perusahaan	Kode Perusahaan	PBV	EPS	ROE	PER	DY	DER
34	MNC Kapital Indonesia Tbk.	BCAP	0.65	4.39	2.55	17.98	0	0.12
35	Bank JTrust Indonesia Tbk.	BCIC	0.95	-1.24	2.32	-140.55	0	0
36	Bank Danamon Indonesia Tbk.	BDMN	0.58	275.19	7.05	9.92	2.06	0.03
37	Bank Pembangunan Daerah Banten Tbk.	BEKS	1.47	-4.73	-14.57	-10.56	0	0
38	BFI Finance Indonesia Tbk.	BFIN	1.96	103.02	20.64	10	3.69	0
39	Bank Ganesha Tbk.	BGTG	0.94	1.56	1.47	57.78	0	0
40	Bank Ina Perdana Tbk.	BINA	10.37	16.9	4.78	236.11	0	0
41	Bank Pembangunan Daerah Jawa Barat dan Banten Tbk.	BJBR	1.01	232.5	15.61	5.78	7.37	0.75
42	Bank Maspion Indonesia Tbk.	BMAS	6.65	13.84	3.65	79.1	0.35	0
43	Bank Mandiri (Persero) Tbk.	BMRI	2.18	845.4	17.93	11.74	3.63	0.02
44	Bank Bumi Arta Tbk.	BNBA	1.39	15.9	1.27	58.19	0.36	0
45	Bank CIMB Niaga Tbk.	BNGA	0.69	190.7	11.16	6.21	7.94	0.04
46	Bank Maybank Indonesia Tbk.	BNII	0.61	21.61	5.06	10.55	2.84	0.45
47	Bank Permata Tbk.	BNLI	0.98	73.1	5.35	13.95	0.84	0
48	Woori Finance Indonesia Tbk.	BPFI	1.84	26.82	5.29	24.79	0	0.6
49	Batavia Prosperindo Internasional Tbk.	BPII	3.91	1300	43.92	8.67	1.07	0.33
50	Bank Sinarmas Tbk.	BSIM	2.37	10.44	3.04	80.95	0	0
51	Bank Of India Indonesia Tbk.	BSWD	0.94	-30.9	0.5	-44.5	0	0

No	Nama Perusahaan	Kode Perusahaan	PBV	EPS	ROE	PER	DY	DER
52	Bank BTPN Tbk.	BTPN	0.6	372.61	8.39	7.11	0	0.26
53	Bank Victoria International Tbk.	BVIC	0.58	-2.41	6.11	-44.42	0	0
54	Danasupra Erapacific Tbk.	DEFI	14.73	-17.25	-22.04	-84.36	0	0
55	Bank Oke Indonesia Tbk.	DNAR	0.95	0.96	0.37	179.42	0	0
56	Indoritel Makmur Internasional Tbk.	DNET	5	104.14	10.62	40.04	0	0.99
57	Equity Development Investment Tbk.	GSMF	0.45	2.46	0.74	31.68	0	0.04
58	Radana Bhaskara Finance Tbk.	HDFA	1.56	5.85	6.21	26.82	0	0
59	Bank Artha Graha Internasional Tbk.	INPC	0.36	-5.58	1.37	13.51	0	0.1
60	Lenox Pasifik Investama Tbk.	LPPS	0.21	-133.16	-27.26	-0.61	0	0
61	Bank Mayapada Internasional Tbk.	MAYA	0.45	10.8	0.19	48.17	0	0.26
62	Bank China Construction Bank Indonesia Tbk.	MCOR	0.49	2.67	2.19	30.01	0	0.15
63	Bank Mega Tbk.	MEGA	3.53	350.78	19.64	15.04	7.17	0.01
64	Mandala Multifinance Tbk.	MFIN	1.42	261.65	20.35	6.33	4.41	1.88
65	Magna Investama Mandiri Tbk.	MGNA	6.73	-0.52	-11.57	-94.72	0	2.75

No	Nama Perusahaan	Kode Perusahaan	PBV	EPS	ROE	PER	DY	DER
66	Maskapai Reasuransi Indonesia Tbk.	MREI	1.65	-547.81	2.69	-7.92	1.16	0
67	Minna Padi Investama Sekuritas Tbk.	PADI	2.57	-2.47	-24.41	-20.26	0	0.11
68	Panin Sekuritas Tbk.	PANS	0.89	397.48	15.88	4.83	7.81	0.05
69	Panca Global Kapital Tbk.	PEGE	3.72	-34.72	-39.64	-12.1	0	0
70	Polaris Investama Tbk.	PNBN	0.8	92.22	6.42	16.7	1.3	0.33
71	Bank Pan Indonesia Tbk.	PNBS	1.03	-16.79	10	-3.75	0	0
72	Bank Panin Dubai Syariah Tbk.	PNIN	0.25	384.22	9.01	3.21	0	0
73	Paninvest Tbk.	PNLF	0.42	42.96	6.47	8.33	2.65	0
74	Panin Financial Tbk.	RELI	2.4	14.37	6.07	46.98	1.4	0
75	Reliance Sekuritas Indonesia Tbk.	SDRA	0.5	94.34	8.67	6.04	3.25	0
76	Bank Woori Saudara Indonesia 1960 Tbk.	SRTG	0.55	1300	7.72	1.91	2.37	0
77	Saratoga Investama Sedaya Tbk.	TRIM	1.52	26.16	16.82	8.64	0	1.43
78	Trimegah Sekuritas Indonesia Tbk.	TRUS	0.81	28.91	6.81	12.25	0	0.04
79	Trust Finance Indonesia Tbk.	VICO	1.52	1.22	3.6	134.4	0	0.04
80	Victoria Investama Tbk.	VINS	1.47	5.6	4.64	31.79	1.91	0
81	Victoria Insurance Tbk.	VRNA	0.85	5.9	8.99	17.47	0	4.82
82	Mizuho Leasing Indonesia Tbk.	WOMF	0.63	45.31	13.04	5.69	3.68	4.95

No	Nama Perusahaan	Kode Perusahaan	PBV	EPS	ROE	PER	DY	DER
83	Wahana Ottomitra Multiartha Tbk.	YULE	8.72	45.2	11.39	49.34	0	0
84	Yulie Sekuritas Indonesia Tbk.	CASA	5.47	-0.14	0.39	-5200	0	0.41
85	Capital Financial Indonesia Tbk.	BRIS	2.13	86.2	12.71	14.97	1.27	0
86	Bank Syariah Indonesia Tbk.	MTWI	1.17	0.4	-3.49	130.26	0	0
87	Malacca Trust Wuwungan Insurance Tbk.	NICK	0.37	204	-19.32	0.86	0	0
88	Asuransi Jiwa Syariah Jasa Mitra Tbk.	BTPS	2.7	220.21	21.17	12.67	2.21	0
89	Charnic Capital Tbk.	TUGU	0.37	185.78	4.11	9.34	4.26	0.02
90	Bank BTPN Syariah Tbk.	POLA	1.12	-9.63	0.2	-9.03	0	0
91	Asuransi Tugu Pratama Indonesia Tbk.	AMAR	2.27	-9.21	-4.89	-25.19	0	0
92	Pool Advista Finance Tbk.	AMOR	8.92	47.73	28.62	27.97	3.93	0
93	Bank Amar Indonesia Tbk.	BBSI	5.42	21.56	2.44	146.59	0	0
94	Ashmore Asset Management Indonesia Tbk.	BANK	10.28	-14.12	-8.43	-100.2	0	0.44
95	Krom Bank Indonesia Tbk.	POOL	0.31	-15.19	-9.53	-3.29	0	0
96	Bank Aladin Syariah Tbk.	SFAN	14.66	-35.06	-7.26	-53.62	0	0
97	Venteny Fortuna International Tbk.	BHAT	8.07	0.86	0.56	1000	0	0.92
98	Pool Advista Indonesia Tbk.	SMMA	3.73	70.22	3.98	177.29	0	0
99	Surya Fajar Capital Tbk.	STAR	1.3	0.64	0.34	216	0	0
100	Bhakti Multi Artha Tbk.	TIFA	1.33	16.44	5.22	25.18	0	0

No	Nama Perusahaan	Kode Perusahaan	PBV	EPS	ROE	PER	DY	DER
101	Sinarmas Multiartha Tbk.	MASB	1.43	246.24	8.91	14.34	0	0

Lampiran 2. Script Algoritma *Fuzzy C-Means* dengan Validitas Kluster Indeks *Partition Entropy* dan Indeks *Partition Coefficient* Menggunakan *Software RStudio*

```

Memanggil Fungsi Library
library(readr)
library(ggcorrplot)
library(ppclust)
library(fclust)
library(clusterSim)
library(factoextra)

Memanggil dataset
SKRIPSI <- read_csv("D:/Saham.csv")
dat <- data.frame(SKRIPSI)
str(dat)

Analisis Deskriptif
summary(dat)

Korelasi
corr <- round(cor(dat), 3)
ggcorrplot(corr,
  type = "lower",
  lab = TRUE,
  lab_size = 5,
  title="Correlogram Dataset",
  ggtheme=theme_bw)

```

### **Pembentukan Klaster berjumlah 2**

```
# membangun matriks partisi awal
set.seed(123)
u0_c2 <- inaparc::imembrand(nrow(dat), k=2)$u
# membentuk model
fcm.c2 <- fcm(dat, centers=2, u0_c2)
summary(fcm.c2)
# plot clustering
fcm2.c2 <- ppclust2(fcm.c2, "kmeans")
fviz_cluster(fcm2.c2, data = dat, geom = "point",
             ellipse.type = "convex",
             palette = "jco",
             repel = FALSE)
```

### **Pembentukan Klaster berjumlah 3**

```
# membangun matriks partisi awal
set.seed(123)
u0_c3 <- inaparc::imembrand(nrow(dat), k=3)$u
# membentuk model
fcm.c3 <- fcm(dat, centers=3, u0_c3)
summary(fcm.c3)
# plot clustering
fcm2.c3 <- ppclust2(fcm.c3, "kmeans")
fviz_cluster(fcm2.c3, data = dat, geom = "point",
             ellipse.type = "convex",
             palette = "jco",
             repel = FALSE)
```

### **Pembentukan Klaster berjumlah 4**

```
# membangun matriks partisi awal
set.seed(123)
```



```

u0_c4 <- inaparc::imembrand(nrow(dat), k=4)$u
# membentuk model
fcm.c4 <- fcm(dat, centers=4, u0_c4)
summary(fcm.c4)
# plot clustering
fcm2.c4 <- ppclust2(fcm.c4, "kmeans")
fviz_cluster(fcm2.c4, data = dat, geom = "point",
              ellipse.type = "convex",
              palette = "jco",
              repel = FALSE)

```

### **Pembentukan Klaster berjumlah 5**

```

# membangun matriks partisi awal
set.seed(123)
u0_c5 <- inaparc::imembrand(nrow(dat), k=5)$u
# membentuk model
fcm.c5 <- fcm(dat, centers=5, u0_c5)
summary(fcm.c5)
# plot clustering
fcm2.c5 <- ppclust2(fcm.c5, "kmeans")
fviz_cluster(fcm2.c5, data = dat, geom = "point",
              ellipse.type = "convex",
              palette = "jco",
              repel = FALSE)

```

### **Validitas Klaster**

```

# membangun model
fcm3.c2 <- ppclust2(fcm.c2, "fclust")
fcm3.c3 <- ppclust2(fcm.c3, "fclust")
fcm3.c4 <- ppclust2(fcm.c4, "fclust")
fcm3.c5 <- ppclust2(fcm.c5, "fclust")

```

### **1. Partition Entropy Index**

```
PE2 <- PE(fcm3.c2$U)
```

```
PE3 <- PE(fcm3.c3$U)
```

```
PE4 <- PE(fcm3.c4$U)
```

```
PE5 <- PE(fcm3.c5$U)
```

### **2. Partition Coefficient Index**

```
PC2 <- PC(fcm3.c2$U)
```

```
PC3 <- PC(fcm3.c3$U)
```

```
PC4 <- PC(fcm3.c4$U)
```

```
PC5 <- PC(fcm3.c5$U)
```

### **Perbandingan Validitas Klaster**

```
data.frame(PE2, PE3, PE4, PE5, PC2, PC3, PC4, PC5)
```

### **Profiling Model Optimum**

```
summary(fcm.c3)
```

Lampiran 3. Matriks Partisi Awal pada Pengelompokan Dua Klaster

No	Kode	Cl.1	Cl.2	No	Kode	Cl.1	Cl.2
1	BJTM	0.28182	0.71818	35	BCIC	0.45570	0.54430
2	BKSW	0.78462	0.21538	36	BDMN	0.68800	0.31200
3	CFIN	0.61468	0.38532	37	BEKS	0.27679	0.72321
4	LIFE	0.53763	0.46237	38	BFIN	0.59524	0.40476
5	FUJI	0.35897	0.64103	39	BGTG	0.23529	0.76471
6	LPGI	0.49724	0.50276	40	BINA	0.73404	0.26596
7	NISP	0.43125	0.56875	41	BJBR	0.70270	0.29730
8	NOBU	0.38255	0.61745	42	BMAS	0.73554	0.26446
9	OCAP	0.08824	0.91176	43	BMRI	0.22321	0.77679
10	ABDA	0.57895	0.42105	44	BNBA	0.46667	0.53333
11	ADMF	0.78788	0.21212	45	BNGA	0.71429	0.28571
12	AGRO	0.82353	0.17647	46	BNII	0.50820	0.49180
13	AGRS	0.69748	0.30252	47	BNLI	0.39264	0.60736
14	AHAP	0.49057	0.50943	48	BPFI	0.13084	0.86916
15	AMAG	0.36134	0.63866	49	BPII	0.57485	0.42515
16	APIC	0.31915	0.68085	50	BSIM	0.74444	0.25556
17	ARTO	0.43750	0.56250	51	BSWD	0.48171	0.51829
18	ASBI	0.35652	0.64348	35	BCIC	0.45570	0.54430
19	ASDM	0.46000	0.54000	36	BDMN	0.68800	0.31200
20	ASJT	0.53097	0.46903	37	BEKS	0.27679	0.72321
21	ASMI	0.11667	0.88333	38	BFIN	0.59524	0.40476
22	ASRM	0.21951	0.78049	39	BGTG	0.23529	0.76471
23	BABP	0.29921	0.70079	40	BINA	0.73404	0.26596
24	BACA	0.26772	0.73228	41	BJBR	0.70270	0.29730
25	BBCA	0.48936	0.51064	42	BMAS	0.73554	0.26446
26	BBHI	0.54676	0.45324	43	BMRI	0.22321	0.77679
27	BBKP	0.13684	0.86316	44	BNBA	0.46667	0.53333
28	BBLD	0.51596	0.48404	45	BNGA	0.71429	0.28571
29	BBMD	0.39683	0.60317	46	BNII	0.50820	0.49180
30	BBNI	0.21000	0.79000	47	BNLI	0.39264	0.60736
31	BBRI	0.46591	0.53409	48	BPFI	0.13084	0.86916
32	BBTN	0.60000	0.40000	49	BPII	0.57485	0.42515
33	BBYB	0.85586	0.14414	50	BSIM	0.74444	0.25556
34	BCAP	0.94000	0.06000	51	BSWD	0.48171	0.51829

No	Kode	Cl.1	Cl.2	No	Kode	Cl.1	Cl.2
52	BTPN	0.82222	0.17778	86	MTWI	0.53846	0.46154
53	BVIC	0.40800	0.59200	87	NICK	0.41259	0.58741
54	DEFI	0.33784	0.66216	88	BTPS	0.16667	0.83333
55	DNAR	0.46250	0.53750	89	TUGU	0.14815	0.85185
56	DNET	0.47500	0.52500	90	POLA	0.56291	0.43709
57	GSMF	0.73016	0.26984	91	AMAR	0.62602	0.37398
58	HDFA	0.57407	0.42593	92	AMOR	0.49296	0.50704
59	INPC	0.60674	0.39326	93	BBSI	0.57895	0.42105
60	LPPS	0.54335	0.45665	94	BANK	0.44444	0.55556
61	MAYA	0.21622	0.78378	95	POOL	0.46667	0.53333
62	MCOR	0.07000	0.93000	96	SFAN	0.72500	0.27500
63	MEGA	0.77451	0.22549	97	BHAT	0.50000	0.50000
64	MFIN	0.44828	0.55172	98	SMMA	0.10101	0.89899
65	MGNA	0.20588	0.79412	99	STAR	0.46753	0.53247
66	MREI	0.89362	0.10638	100	TIFA	0.56250	0.43750
67	PADI	0.81395	0.18605	101	MASB	0.10769	0.89231
68	PANS	0.42857	0.57143				

Lampiran 4. Derajat Keanggotaan dan Kecenderungan Data pada Pengelompokan Dua Klaster

No	Kode Perusahaan	Cl.1	Cl.2	No	Kode Perusahaan	Cl.1	Cl.2
1	BJTM	0.00233	<b>0.99767</b>	9	OCAP	0.00845	<b>0.99155</b>
2	BKSW	0.00495	<b>0.99505</b>	10	ABDA	0.02281	<b>0.97719</b>
3	CFIN	0.00171	<b>0.99829</b>	11	ADMF	<b>0.86084</b>	0.13916
4	LIFE	0.00306	<b>0.99694</b>	12	AGRO	0.00308	<b>0.99692</b>
5	FUJI	0.00477	<b>0.99523</b>	13	AGRS	0.00220	<b>0.99780</b>
6	LPGI	0.20489	<b>0.79511</b>	14	AHAP	0.00394	<b>0.99606</b>
7	NISP	0.00610	<b>0.99390</b>	15	AMAG	0.00063	<b>0.99937</b>
8	NOBU	0.00120	<b>0.99880</b>	16	APIC	0.02164	<b>0.97836</b>

No	Kode Perusahaan	Cl.1	Cl.2	No	Kode Perusahaan	Cl.1	Cl.2
17	ARTO	0.05482	<b>0.94518</b>	60	LPPS	0.02386	<b>0.97614</b>
18	ASBI	0.00031	<b>0.99969</b>	61	MAYA	0.00252	<b>0.99748</b>
19	ASDM	0.00182	<b>0.99818</b>	62	MCOR	0.00250	<b>0.99750</b>
20	ASJT	0.13601	<b>0.86399</b>	63	MEGA	0.12519	<b>0.87481</b>
21	ASMI	0.00466	<b>0.99534</b>	64	MFIN	0.05455	<b>0.94545</b>
22	ASRM	0.02559	<b>0.97441</b>	65	MGNA	0.01336	<b>0.98664</b>
23	BABP	0.00416	<b>0.99584</b>	66	MREI	0.12018	<b>0.87982</b>
24	BACA	0.00570	<b>0.99430</b>	67	PADI	0.00458	<b>0.99542</b>
25	BBCA	0.10465	<b>0.89535</b>	68	PANS	0.17850	<b>0.82150</b>
26	BBHI	0.00991	<b>0.99009</b>	69	PEGE	0.00842	<b>0.99158</b>
27	BBKP	0.01289	<b>0.98711</b>	70	PNBN	0.00123	<b>0.99877</b>
28	BBLD	0.00025	<b>0.99975</b>	71	PNBS	0.00465	<b>0.99535</b>
29	BBMD	0.00685	<b>0.99315</b>	72	PNIN	0.16276	<b>0.83724</b>
30	BBNI	<b>0.85299</b>	0.14701	73	PNLF	0.00024	<b>0.99976</b>
31	BBRI	0.11109	<b>0.88891</b>	74	RELI	0.00222	<b>0.99778</b>
32	BBTN	0.07794	<b>0.92206</b>	75	SDRA	0.00153	<b>0.99847</b>
33	BBYB	0.01929	<b>0.98071</b>	76	SRTG	<b>0.91153</b>	0.08847
34	BCAP	0.00223	<b>0.99777</b>	77	TRIM	0.00102	<b>0.99898</b>
35	BCIC	0.02366	<b>0.97634</b>	78	TRUS	0.00069	<b>0.99931</b>
36	BDMN	0.06255	<b>0.93745</b>	79	VICO	0.01270	<b>0.98730</b>
37	BEKS	0.00390	<b>0.99610</b>	80	VINS	0.00230	<b>0.99770</b>
38	BFIN	0.00248	<b>0.99752</b>	81	VRNA	0.00216	<b>0.99784</b>
39	BGTG	0.00375	<b>0.99625</b>	82	WOMF	0.00034	<b>0.99966</b>
40	BINA	0.03477	<b>0.96523</b>	83	YULE	0.00114	<b>0.99886</b>
41	BJBR	0.03838	<b>0.96162</b>	84	CASA	<b>0.52018</b>	0.47982
42	BMAS	0.00460	<b>0.99540</b>	85	BRIS	0.00093	<b>0.99907</b>
43	BMRI	<b>0.80979</b>	0.19021	86	MTWI	0.01211	<b>0.98789</b>
44	BNBA	0.00276	<b>0.99724</b>	87	NICK	0.02636	<b>0.97364</b>
45	BNGA	0.02086	<b>0.97914</b>	88	BTPS	0.03247	<b>0.96753</b>
46	BNII	0.00107	<b>0.99893</b>	89	TUGU	0.01899	<b>0.98101</b>
47	BNLI	0.00027	<b>0.99973</b>	90	POLA	0.00407	<b>0.99593</b>
48	BPFI	0.00081	<b>0.99919</b>	91	AMAR	0.00498	<b>0.99502</b>
49	BPII	0.90907	<b>0.09093</b>	92	AMOR	0.00081	<b>0.99919</b>
50	BSIM	0.00498	<b>0.99502</b>	93	BBSI	0.01392	<b>0.98608</b>
51	BSWD	0.00895	<b>0.99105</b>	94	BANK	0.01545	<b>0.98455</b>
52	BTPN	0.14889	<b>0.85111</b>	95	POOL	0.00454	<b>0.99546</b>
53	BVIC	0.00598	<b>0.99402</b>	96	SFAN	0.01061	<b>0.98939</b>
54	DEFI	0.01334	<b>0.98666</b>	97	BHAT	0.25564	<b>0.74436</b>
55	DNAR	0.02133	<b>0.97867</b>	98	SMMA	0.02097	<b>0.97903</b>
56	DNET	0.00278	<b>0.99722</b>	99	STAR	0.02981	<b>0.97019</b>
57	GSMF	0.00256	<b>0.99744</b>	100	TIFA	0.00141	<b>0.99859</b>
58	HDFA	0.00219	<b>0.99781</b>	101	MASB	0.04489	<b>0.95511</b>
59	INPC	0.00312	<b>0.99688</b>				

Lampiran 5. Derajat Keanggotaan dan Kecenderungan Data pada Pengelompokan Tiga Klaster

No	Kode Perusahaan	Cl.1	Cl.2	Cl.3	No	Kode Perusahaan	Cl.1	Cl.2	Cl.3
1	BJTM	<b>0.99724</b>	0.00265	0.00010	52	BTPN	<b>0.84958</b>	0.14728	0.00315
2	BKSW	<b>0.99470</b>	0.00505	0.00025	53	BVIC	<b>0.99293</b>	0.00674	0.00033
3	CFIN	<b>0.99837</b>	0.00156	0.00007	54	DEFI	<b>0.98534</b>	0.01394	0.00072
4	LIFE	<b>0.99764</b>	0.00227	0.00009	55	DNAR	<b>0.97994</b>	0.01919	0.00087
5	FUJI	<b>0.99621</b>	0.00362	0.00017	56	DNET	<b>0.99755</b>	0.00236	0.00009
6	LPGI	<b>0.79081</b>	0.20534	0.00385	57	GSMF	<b>0.99766</b>	0.00224	0.00010
7	NISP	<b>0.99343</b>	0.00633	0.00024	58	H DFA	<b>0.99793</b>	0.00198	0.00009
8	NOBU	<b>0.99892</b>	0.00103	0.00005	59	INPC	<b>0.99676</b>	0.00309	0.00015
9	OCAP	<b>0.99122</b>	0.00835	0.00043	60	LPPS	<b>0.97590</b>	0.02275	0.00136
10	ABDA	<b>0.97704</b>	0.02224	0.00071	61	MAYA	<b>0.99800</b>	0.00191	0.00009
11	ADMF	0.08276	<b>0.91058</b>	0.00666	62	MCOR	<b>0.99768</b>	0.00221	0.00010
12	AGRO	<b>0.99641</b>	0.00343	0.00016	63	MEGA	<b>0.87304</b>	0.12416	0.00280
13	AGRS	<b>0.99777</b>	0.00213	0.00010	64	MFIN	<b>0.94504</b>	0.05346	0.00150
14	AHAP	<b>0.99545</b>	0.00434	0.00021	65	MGNA	<b>0.98515</b>	0.01414	0.00071
15	AMAG	<b>0.99913</b>	0.00083	0.00004	66	MREI	<b>0.87520</b>	0.11304	0.01176
16	APIC	<b>0.97963</b>	0.01949	0.00088	67	PADI	<b>0.99471</b>	0.00504	0.00024
17	ARTO	<b>0.94243</b>	0.05512	0.00244	68	PANS	<b>0.81956</b>	0.17690	0.00354
18	ASBI	<b>0.99933</b>	0.00065	0.00003	69	PEGE	<b>0.99111</b>	0.00845	0.00043
19	ASDM	<b>0.99781</b>	0.00210	0.00008	70	PNBN	<b>0.99858</b>	0.00136	0.00005
20	ASJT	<b>0.87940</b>	0.11334	0.00726	71	PNBS	<b>0.99495</b>	0.00481	0.00024
21	ASMI	<b>0.99480</b>	0.00496	0.00024	72	PNIN	<b>0.83590</b>	0.16077	0.00334
22	ASRM	<b>0.97399</b>	0.02520	0.00081	73	PNLF	<b>0.99946</b>	0.00052	0.00002
23	BABP	<b>0.99662</b>	0.00323	0.00015	74	RELI	<b>0.99829</b>	0.00164	0.00007
24	BACA	<b>0.99535</b>	0.00445	0.00021	75	SDRA	<b>0.99804</b>	0.00188	0.00008
25	BBCA	<b>0.89317</b>	0.10436	0.00246	76	SRTG	0.01770	<b>0.98134</b>	0.00095
26	BBHI	<b>0.99158</b>	0.00806	0.00036	77	TRIM	<b>0.99872</b>	0.00122	0.00006
27	BBKP	<b>0.98685</b>	0.01248	0.00067	78	TRUS	<b>0.99912</b>	0.00084	0.00004
28	BBLD	<b>0.99959</b>	0.00039	0.00002	79	VICO	<b>0.98876</b>	0.01075	0.00049
29	BBMD	<b>0.99288</b>	0.00687	0.00025	80	VINS	<b>0.99791</b>	0.00199	0.00009
30	BBNI	0.06965	<b>0.92855</b>	0.00179	81	VRNA	<b>0.99779</b>	0.00211	0.00010
31	BBRI	<b>0.88749</b>	0.10993	0.00257	82	WOMF	<b>0.99930</b>	0.00067	0.00003
32	BBTN	<b>0.92162</b>	0.07640	0.00198	83	YULE	<b>0.99943</b>	0.00054	0.00002
33	BBYB	<b>0.98044</b>	0.01850	0.00106	84	CASA	0.00000	0.00000	<b>1.00000</b>
34	BCAP	<b>0.99773</b>	0.00217	0.00010	85	BRIS	<b>0.99885</b>	0.00110	0.00004
35	BCIC	<b>0.97509</b>	0.02369	0.00122	86	MTWI	<b>0.98934</b>	0.01019	0.00047
36	BDMN	<b>0.93693</b>	0.06140	0.00167	87	NICK	<b>0.97316</b>	0.02600	0.00083
37	BEKS	<b>0.99555</b>	0.00425	0.00021	88	BTPS	<b>0.96713</b>	0.03189	0.00098
38	BFIN	<b>0.99717</b>	0.00272	0.00011	89	TUGU	<b>0.98060</b>	0.01878	0.00062
39	BGTG	<b>0.99692</b>	0.00294	0.00014	90	POLA	<b>0.99542</b>	0.00437	0.00021
40	BINA	<b>0.96538</b>	0.03317	0.00146	91	AMAR	<b>0.99424</b>	0.00549	0.00027
41	BJBR	<b>0.96121</b>	0.03766	0.00113	92	AMOR	<b>0.99931</b>	0.00067	0.00003
42	BMAS	<b>0.99644</b>	0.00340	0.00015	93	BBSI	<b>0.98766</b>	0.01182	0.00052
43	BMRI	0.11831	<b>0.87904</b>	0.00265	94	BANK	<b>0.98315</b>	0.01603	0.00082
44	BNBA	<b>0.99795</b>	0.00196	0.00009	95	POOL	<b>0.99507</b>	0.00470	0.00023
45	BNGA	<b>0.97869</b>	0.02063	0.00068	96	SFAN	<b>0.98839</b>	0.01104	0.00057
46	BNII	<b>0.99871</b>	0.00123	0.00006	97	BHAT	<b>0.69090</b>	0.29208	0.01702
47	BNLI	<b>0.99951</b>	0.00047	0.00002	98	SMMA	<b>0.98044</b>	0.01881	0.00075
48	BPFI	<b>0.99926</b>	0.00071	0.00003	99	STAR	<b>0.97084</b>	0.02790	0.00126
49	BPII	0.01782	<b>0.98122</b>	0.00096	100	TIFA	<b>0.99868</b>	0.00126	0.00006
50	BSIM	<b>0.99608</b>	0.00375	0.00017	101	MASB	<b>0.95464</b>	0.04408	0.00128
51	BSWD	<b>0.99012</b>	0.00940	0.00048					

Lampiran 6. Derajat Keanggotaan dan Kecenderungan Data pada Pengelompokan Empat Klaster

No	Kode Perusahaan	CL1	CL2	CL3	CL4	No	Kode Perusahaan	CL1	CL2	CL3	CL4
1	BJTM	0.28865	<b>0.70611</b>	0.00499	0.00025	52	BTPN	<b>0.88834</b>	0.09518	0.01602	0.00046
2	BKSW	0.02235	<b>0.97656</b>	0.00103	0.00006	53	BVIC	0.07042	<b>0.92630</b>	0.00309	0.00019
3	CFIN	0.00091	<b>0.99905</b>	0.00003	0.00000	54	DEFI	0.13767	<b>0.85468</b>	0.00720	0.00045
4	LIFE	0.24777	<b>0.74724</b>	0.00476	0.00023	55	DNAR	0.20338	<b>0.78477</b>	0.01122	0.00063
5	FUJI	0.03534	<b>0.96314</b>	0.00144	0.00008	56	DNET	0.28943	<b>0.70539</b>	0.00494	0.00024
6	LPGI	0.83151	0.13528	0.03237	0.00084	57	GSMF	0.00093	<b>0.99903</b>	0.00004	0.00000
7	NISP	0.50810	0.48559	0.00603	0.00028	58	HDFA	0.00065	<b>0.99933</b>	0.00003	0.00000
8	NOBU	0.00297	<b>0.99692</b>	0.00081	0.00001	59	INPC	0.00594	<b>0.99380</b>	0.00025	0.00001
9	OCAP	0.04414	<b>0.95335</b>	0.00235	0.00015	60	LPPS	0.12358	<b>0.86609</b>	0.00964	0.00069
10	ABDA	<b>0.90975</b>	0.08739	0.00275	0.00011	61	MAYA	0.00718	<b>0.99253</b>	0.00028	0.00002
11	ADMF	0.05692	0.04070	<b>0.89890</b>	0.00348	62	MCOR	0.00075	<b>0.99921</b>	0.00003	0.00000
12	AGRO	0.01972	<b>0.97943</b>	0.00081	0.00005	63	MEGA	<b>0.91549</b>	0.07374	0.01046	0.00032
13	AGRS	0.00160	<b>0.99833</b>	0.00006	0.00000	64	MFIN	<b>0.99378</b>	0.00582	0.00038	0.00001
14	AHAP	0.02781	<b>0.97092</b>	0.00119	0.00007	65	MGNA	0.16035	<b>0.83129</b>	0.00788	0.00049
15	AMAG	0.02516	<b>0.97399</b>	0.00081	0.00004	66	MREI	0.30374	<b>0.62932</b>	0.05975	0.00718
16	APIC	0.21190	<b>0.77593</b>	0.01153	0.00064	67	PADI	0.04224	<b>0.95584</b>	0.00182	0.00011
17	ARTO	0.34502	<b>0.62413</b>	0.02926	0.00159	68	PANS	<b>0.85768</b>	0.11770	0.02397	0.00066
18	ASBI	0.11686	<b>0.88024</b>	0.00276	0.00014	69	PEGE	0.05495	<b>0.94203</b>	0.00284	0.00018
19	ASDM	0.25704	<b>0.73809</b>	0.00464	0.00023	70	PNBN	0.21289	<b>0.78282</b>	0.00409	0.00021
20	ASJT	0.40485	<b>0.53471</b>	0.05613	0.00431	71	PNBS	0.02260	<b>0.97631</b>	0.00102	0.00006
21	ASMI	0.03219	<b>0.96630</b>	0.00143	0.00009	72	PNIN	<b>0.87351</b>	0.10635	0.01958	0.00055
22	ASRM	<b>0.93192</b>	0.06572	0.00227	0.00009	73	PNLF	0.03425	<b>0.96466</b>	0.00103	0.00006
23	BABP	0.02033	<b>0.97879</b>	0.00084	0.00005	74	RELI	0.00750	<b>0.99221</b>	0.00028	0.00002
24	BACA	0.04249	<b>0.95560</b>	0.00180	0.00010	75	SDRA	0.23314	<b>0.76223</b>	0.00441	0.00022
25	BBCA	<b>0.93961</b>	0.05374	0.00644	0.00020	76	SRTG	0.00164	0.00107	<b>0.99723</b>	0.00006
26	BBHI	0.11561	<b>0.87914</b>	0.00498	0.00028	77	TRIM	0.01746	<b>0.98191</b>	0.00060	0.00003
27	BBKP	0.07457	<b>0.92063</b>	0.00450	0.00029	78	TRUS	0.01332	<b>0.98621</b>	0.00045	0.00002
28	BBLD	0.02751	<b>0.97160</b>	0.00084	0.00005	79	VICO	0.12915	<b>0.86432</b>	0.00619	0.00035
29	BBMD	<b>0.54802</b>	0.44577	0.00594	0.00028	80	VINS	0.00072	<b>0.99925</b>	0.00003	0.00000
30	BBNI	0.20729	0.10909	<b>0.68049</b>	0.00313	81	VRNA	0.00324	<b>0.99663</b>	0.00013	0.00001
31	BBRI	<b>0.93320</b>	0.05912	0.00745	0.00023	82	WOMF	0.04372	<b>0.95491</b>	0.00130	0.00007
32	BBTN	<b>0.97388</b>	0.02391	0.00214	0.00007	83	YULE	0.04228	<b>0.95638</b>	0.00127	0.00007
33	BBYB	0.10345	<b>0.88866</b>	0.00738	0.00051	84	CASA	0.00000	0.00000	0.00000	<b>1.00000</b>
34	BCAP	0.00186	<b>0.99806</b>	0.00007	0.00000	85	BRIS	0.18212	<b>0.81397</b>	0.00373	0.00019
35	BCIC	0.23329	<b>0.75269</b>	0.01319	0.00083	86	MTWI	0.12134	<b>0.87255</b>	0.00578	0.00033
36	BDMN	<b>0.99123</b>	0.00815	0.00060	0.00002	87	NICK	<b>0.90799</b>	0.08877	0.00311	0.00013
37	BEKS	0.02642	<b>0.97238</b>	0.00113	0.00007	88	BTPS	<b>0.97010</b>	0.02866	0.00120	0.00005
38	BFIN	0.29285	<b>0.70186</b>	0.00504	0.00025	89	TUGU	<b>0.86385</b>	0.13236	0.00363	0.00015
39	BGTG	0.01459	<b>0.98478</b>	0.00060	0.00003	90	POLA	0.02313	<b>0.97580</b>	0.00101	0.00006
40	BINA	0.29263	<b>0.68759</b>	0.01877	0.00102	91	AMAR	0.04173	<b>0.95630</b>	0.00185	0.00011
41	BJBR	<b>0.98468</b>	0.01460	0.00070	0.00003	92	AMOR	0.05194	<b>0.94646</b>	0.00152	0.00008
42	BMAS	0.04236	<b>0.95589</b>	0.00166	0.00009	93	BBSI	0.16898	<b>0.82302</b>	0.00759	0.00041
43	BMRI	0.28316	0.14130	<b>0.57199</b>	0.00355	94	BANK	0.16156	<b>0.82931</b>	0.00858	0.00054
44	BNBA	0.01676	<b>0.98258</b>	0.00063	0.00004	95	POOL	0.02163	<b>0.97734</b>	0.00098	0.00006
45	BNGA	<b>0.88449</b>	0.11207	0.00330	0.00014	96	SFAN	0.08803	<b>0.90699</b>	0.00469	0.00030
46	BNII	0.00886	<b>0.99081</b>	0.00031	0.00002	97	BHAT	0.39902	<b>0.43125</b>	0.15912	0.01061
47	BNLI	0.11695	<b>0.88018</b>	0.00272	0.00014	98	SMMA	0.30656	<b>0.68048</b>	0.01234	0.00062
48	BPFI	0.00693	<b>0.99282</b>	0.00024	0.00001	99	STAR	0.25371	<b>0.72949</b>	0.01591	0.00089
49	BPII	0.00185	0.00122	<b>0.99686</b>	0.00007	100	TIFA	0.00157	<b>0.99836</b>	0.00006	0.00000
50	BSIM	0.04333	<b>0.95483</b>	0.00174	0.00010	101	MASB	<b>0.99768</b>	0.00220	0.00012	0.00000
51	BSWD	0.07278	<b>0.92325</b>	0.00373	0.00023						

Lampiran 7. Derajat Keanggotaan dan Kecenderungan Data pada Pengelompokan Lima Klaster

No	Kode Perusahaan	Cl.1	Cl.2	Cl.3	Cl.4	Cl.5
1	BJTM	0.18180	0.16312	0.00020	0.00384	<b>0.65103</b>
2	BKSW	0.04129	0.01110	0.00004	0.00060	<b>0.94696</b>
3	CFIN	0.02291	0.00510	0.00001	0.00023	<b>0.97174</b>
4	LIFE	0.31693	0.14034	0.00019	0.00367	<b>0.53887</b>
5	FUJI	0.42905	0.03234	0.00010	0.00158	<b>0.53692</b>
6	LPGI	0.07738	<b>0.81670</b>	0.00053	0.01856	0.08683
7	NISP	0.19633	0.30269	0.00027	0.00529	<b>0.49542</b>
8	NOBU	0.03353	0.00767	0.00002	0.00033	<b>0.95844</b>
9	OCAP	0.11104	0.02827	0.00012	0.00173	<b>0.85884</b>
10	ABDA	0.12136	<b>0.70420</b>	0.00022	0.00489	0.16933
11	ADMF	0.03070	0.04535	0.00264	<b>0.89032</b>	0.03099
12	AGRO	0.01134	0.00363	0.00001	0.00018	<b>0.98484</b>
13	AGRS	0.01180	0.00274	0.00001	0.00013	<b>0.98533</b>
14	AHAP	0.02364	0.00789	0.00003	0.00040	<b>0.96804</b>
15	AMAG	0.03628	0.01235	0.00003	0.00049	<b>0.95086</b>
16	APIC	<b>0.96775</b>	0.00714	0.00003	0.00045	0.02464
17	ARTO	<b>0.71005</b>	0.10020	0.00053	0.00921	0.18001
18	ASBI	0.11815	0.06487	0.00011	0.00198	<b>0.81489</b>
19	ASDM	0.17831	0.14516	0.00019	0.00355	<b>0.67279</b>
20	ASJT	0.23491	0.28574	0.00317	0.03904	<b>0.43713</b>
21	ASMI	0.04226	0.01347	0.00004	0.00070	<b>0.94353</b>
22	ASRM	0.08979	<b>0.76345</b>	0.00019	0.00437	0.14220
23	BABP	0.28571	0.02831	0.00009	0.00140	<b>0.68449</b>
24	BACA	<b>0.50643</b>	0.03155	0.00010	0.00160	0.46033
25	BBCA	0.01779	<b>0.95938</b>	0.00008	0.00222	0.02053
26	BBHI	<b>0.91166</b>	0.01186	0.00004	0.00061	0.07584
27	BBKP	0.19208	0.04872	0.00023	0.00333	<b>0.75564</b>
28	BBLD	0.04613	0.01573	0.00003	0.00060	<b>0.93752</b>
29	BBMD	0.20741	0.32880	0.00027	0.00540	<b>0.45812</b>
30	BBNI	0.10749	0.23124	0.00314	<b>0.54767</b>	0.11046
31	BBRI	0.01884	<b>0.95617</b>	0.00009	0.00253	0.02237
32	BBTN	0.00156	<b>0.99628</b>	0.00001	0.00016	0.00199
33	BBYB	0.25366	0.06522	0.00038	0.00518	<b>0.67555</b>
34	BCAP	0.01097	0.00257	0.00001	0.00012	<b>0.98633</b>
35	BCIC	0.16891	0.13814	0.00058	0.00854	<b>0.68383</b>
36	BDMN	0.00187	<b>0.99552</b>	0.00001	0.00016	0.00244



No	Kode Perusahaan	Cl.1	Cl.2	Cl.3	Cl.4	Cl.5
37	BEKS	0.02641	0.00851	0.00003	0.00043	<b>0.96462</b>
38	BFIN	0.18941	0.16638	0.00021	0.00391	<b>0.64009</b>
39	BGTG	0.22330	0.02530	0.00008	0.00124	<b>0.75008</b>
40	BINA	<b>0.84339</b>	0.04629	0.00019	0.00333	0.10680
41	BJBR	0.03834	<b>0.90335</b>	0.00010	0.00239	0.05582
42	BMAS	0.46979	0.03397	0.00010	0.00161	<b>0.49453</b>
43	BMRI	0.12871	0.29584	0.00331	<b>0.43945</b>	0.13268
44	BNBA	0.22307	0.02751	0.00008	0.00125	<b>0.74809</b>
45	BNGA	0.11640	<b>0.68167</b>	0.00023	0.00512	0.19657
46	BNII	0.00718	0.00213	0.00001	0.00009	<b>0.99059</b>
47	BNLI	0.13125	0.06793	0.00011	0.00205	<b>0.79866</b>
48	BPFI	0.03481	0.00878	0.00002	0.00037	<b>0.95602</b>
49	BPII	0.00030	0.00050	0.00002	<b>0.99887</b>	0.00031
50	BSIM	<b>0.49368</b>	0.03300	0.00010	0.00159	0.47163
51	BSWD	0.09084	0.03600	0.00014	0.00211	<b>0.87091</b>
52	BTPN	0.04360	0.89747	0.00024	0.00768	<b>0.05101</b>
53	BVIC	0.06238	0.02853	0.00009	0.00145	<b>0.90755</b>
54	DEFI	0.12991	0.07367	0.00029	0.00433	<b>0.79179</b>
55	DNAR	0.96986	0.00644	0.00002	0.00041	<b>0.02327</b>
56	DNET	0.25808	0.16558	0.00021	0.00392	<b>0.57222</b>
57	GSMF	0.04730	0.00883	0.00003	0.00042	<b>0.94342</b>
58	HDFA	0.03005	0.00621	0.00002	0.00029	<b>0.96343</b>
59	INPC	0.01729	0.00407	0.00001	0.00020	<b>0.97842</b>
60	LPPS	0.29577	0.07585	0.00050	0.00654	<b>0.62134</b>
61	MAYA	0.13488	0.01970	0.00006	0.00091	<b>0.84445</b>
62	MCOR	0.04118	0.00791	0.00002	0.00038	<b>0.95051</b>
63	MEGA	0.02876	0.93314	0.00014	0.00429	<b>0.03368</b>
64	MFIN	0.00868	0.97888	0.00003	0.00068	<b>0.01174</b>
65	MGNA	0.12981	0.08557	0.00031	0.00473	<b>0.77958</b>
66	MREI	0.37341	0.18129	0.00464	0.03686	<b>0.40380</b>
67	PADI	0.04472	0.01633	0.00005	0.00082	<b>0.93808</b>
68	PANS	0.06129	0.85478	0.00039	0.01285	<b>0.07070</b>
69	PEGE	0.11042	0.03270	0.00013	0.00194	<b>0.85481</b>
70	PNBN	0.18055	0.12217	0.00017	0.00316	<b>0.69395</b>
71	PNBS	0.03595	0.01006	0.00003	0.00053	<b>0.95342</b>
72	PNIN	0.05187	0.87727	0.00031	0.00996	<b>0.06059</b>
73	PNLF	0.04343	0.01638	0.00004	0.00061	<b>0.93954</b>
74	RELI	0.12795	0.01968	0.00005	0.00089	<b>0.85142</b>

No	Kode Perusahaan	Cl.1	Cl.2	Cl.3	Cl.4	Cl.5
75	SDRA	0.16672	0.13070	0.00018	0.00332	<b>0.69909</b>
76	SRTG	0.00016	0.00026	0.00001	0.99942	<b>0.00016</b>
77	TRIM	0.02172	0.00695	0.00002	0.00029	<b>0.97103</b>
78	TRUS	0.01834	0.00568	0.00001	0.00023	<b>0.97574</b>
79	VICO	0.96539	0.00506	0.00002	0.00028	<b>0.02925</b>
80	VINS	0.04586	0.00872	0.00003	0.00041	<b>0.94498</b>
81	VRNA	0.01355	0.00324	0.00001	0.00015	<b>0.98305</b>
82	WOMF	0.05226	0.02104	0.00005	0.00078	<b>0.92588</b>
83	YULE	0.19708	0.04076	0.00009	0.00154	<b>0.76054</b>
84	CASA	0.00000	0.00000	1.00000	0.00000	<b>0.00000</b>
85	BRIS	0.16684	0.10477	0.00016	0.00285	<b>0.72539</b>
86	MTWI	0.94767	0.00728	0.00002	0.00041	<b>0.04462</b>
87	NICK	0.09637	0.74068	0.00022	0.00489	<b>0.15785</b>
88	BTPS	0.05979	0.84944	0.00014	0.00328	<b>0.08735</b>
89	TUGU	0.12865	0.64701	0.00025	0.00532	<b>0.21877</b>
90	POLA	0.02365	0.00726	0.00002	0.00037	<b>0.96869</b>
91	AMAR	0.04069	0.01491	0.00005	0.00077	<b>0.94357</b>
92	AMOR	0.12233	0.03841	0.00008	0.00141	<b>0.83778</b>
93	BBSI	0.98886	0.00203	0.00001	0.00011	<b>0.00899</b>
94	BANK	0.14010	0.08857	0.00035	0.00526	<b>0.76572</b>
95	POOL	0.03346	0.00937	0.00003	0.00049	<b>0.95665</b>
96	SFAN	0.10894	0.04579	0.00019	0.00277	<b>0.84231</b>
97	BHAT	0.37240	0.25209	0.00693	0.09934	<b>0.26924</b>
98	SMMA	0.84707	0.04637	0.00012	0.00221	<b>0.10423</b>
99	STAR	0.89158	0.02813	0.00012	0.00199	<b>0.07817</b>
100	TIFA	0.02467	0.00565	0.00002	0.00025	<b>0.96942</b>
101	MASB	0.02108	0.94878	0.00006	0.00142	<b>0.02867</b>