

Item and Test Analysis Program -- ITEMAN (tm) Version 3.00

Item analysis for data from file coba.PRN

Seq. No.	Scale -Item	Item Statistics			Alternative Statistics							
		Prop. Correct	Biser.	Point Biser.	Alt.	Prop. Endorsing	Biser.	Point Biser.	Key			
1	0-1	0.944	0.240	0.118	A	0.000	-9.000	-9.000				
					B	0.944	0.240	0.118	*			
					C	0.056	-0.240	-0.118				
					D	0.000	-9.000	-9.000				
					other	0.000	-9.000	-9.000				
2	0-2	0.278	-0.741	-0.554	A	0.556	0.468	0.372	?			
					B	0.083	-0.036	-0.020				
					CHECK THE KEY C was specified, A works better			C	0.278	-0.741	-0.554	*
					D	0.083	0.449	0.249				
					other	0.000	-9.000	-9.000				
3	0-3	0.639	0.608	0.474	A	0.028	0.610	0.237				
					B	0.083	-0.064	-0.036				
					C	0.250	-0.808	-0.593				
					D	0.639	0.608	0.474	*			
					other	0.000	-9.000	-9.000				
4	0-4	0.194	0.737	0.512	A	0.444	0.107	0.085				
					B	0.194	0.737	0.512	*			
					C	0.306	-0.597	-0.455				
					D	0.056	-0.318	-0.156				
					other	0.000	-9.000	-9.000				
5	0-5	0.611	0.811	0.638	A	0.611	0.811	0.638	*			
					B	0.250	-0.533	-0.391				
					C	0.139	-0.640	-0.410				
					D	0.000	-9.000	-9.000				
					other	0.000	-9.000	-9.000				
6	0-6	0.861	0.186	0.119	A	0.028	-0.622	-0.242				
					B	0.861	0.186	0.119	*			
					C	0.056	0.227	0.111				
					D	0.056	-0.240	-0.118				
					other	0.000	-9.000	-9.000				
7	0-7	0.250	0.388	0.285	A	0.000	-9.000	-9.000				
					B	0.611	-0.112	-0.088				
					C	0.139	-0.364	-0.233				
					D	0.250	0.388	0.285	*			
					other	0.000	-9.000	-9.000				

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## 28. 2 Output

Seq. No.	Scale -Item	Item Statistics			Alternative Statistics					
		Prop. Correct	Biser.	Point Biser.	Alt.	Prop. Endorsing	Biser.	Point Biser.	Key	
8	0-8	0.278	0.914	0.685	A	0.111	-0.169	-0.102	*	
					B	0.278	0.914	0.685		
					C	0.000	-9.000	-9.000		
					D	0.611	-0.716	-0.563		
					other	0.000	-9.000	-9.000		
9	0-9	0.500	-0.717	-0.572	A	0.500	-0.717	-0.572	*	
					B	0.278	0.354	0.265		
					C	0.111	0.523	0.315		?
					D	0.111	0.361	0.218		
					other	0.000	-9.000	-9.000		
CHECK THE KEY A was specified, C works better										
10	0-10	0.806	0.390	0.271	A	0.000	-9.000	-9.000	*	
					B	0.111	-0.584	-0.352		
					C	0.806	0.390	0.271		
					D	0.083	0.021	0.012		
					other	0.000	-9.000	-9.000		
11	0-11	0.694	0.672	0.511	A	0.250	-0.505	-0.371	*	
					B	0.056	-0.669	-0.327		
					C	0.694	0.672	0.511		
					D	0.000	-9.000	-9.000		
					other	0.000	-9.000	-9.000		
12	0-12	0.444	0.815	0.648	A	0.111	-0.008	-0.005	*	
					B	0.444	0.815	0.648		
					C	0.417	-0.720	-0.569		
					D	0.028	-0.622	-0.242		
					other	0.000	-9.000	-9.000		
13	0-13	0.194	0.864	0.601	A	0.194	0.864	0.601	*	
					B	0.167	0.114	0.076		
					C	0.361	-0.386	-0.301		
					D	0.278	-0.363	-0.272		
					other	0.000	-9.000	-9.000		
14	0-14	0.139	0.268	0.172	A	0.444	0.018	0.015	*	
					B	0.417	-0.171	-0.135		
					C	0.139	0.268	0.172		
					D	0.000	-9.000	-9.000		
					other	0.000	-9.000	-9.000		

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Seq. No.	Scale -Item	Item Statistics			Alternative Statistics				
		Prop. Correct	Biser.	Point Biser.	Alt.	Prop. Endorsing	Biser.	Point Biser.	Key
15	0-15	0.222	0.724	0.519	A	0.250	0.031	0.023	*
					B	0.222	0.724	0.519	

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28. 2 Output

					C	0.306	-0.522	-0.398	
					D	0.222	-0.142	-0.102	
					other	0.000	-9.000	-9.000	
16	0-16	0.667	0.481	0.371	A	0.083	-0.492	-0.273	
					B	0.139	-0.028	-0.018	
					C	0.667	0.481	0.371	*
					D	0.111	-0.492	-0.297	
					other	0.000	-9.000	-9.000	
17	0-17	0.611	0.857	0.674	A	0.222	-0.758	-0.543	
					B	0.056	0.227	0.111	
					C	0.111	-0.677	-0.408	
					D	0.611	0.857	0.674	*
					other	0.000	-9.000	-9.000	
18	0-18	0.361	0.221	0.172	A	0.000	-9.000	-9.000	
					B	0.167	0.254	0.170	
					C	0.472	-0.367	-0.292	
					D	0.361	0.221	0.172	*
					other	0.000	-9.000	-9.000	
19	0-19	0.361	0.547	0.427	A	0.111	0.454	0.273	
					B	0.361	0.547	0.427	*
					C	0.278	-0.193	-0.145	
					D	0.250	-0.712	-0.522	
					other	0.000	-9.000	-9.000	
20	0-20	0.472	0.522	0.416	A	0.472	0.522	0.416	*
					B	0.278	-0.285	-0.213	
					C	0.167	-0.446	-0.299	
					D	0.056	-0.357	-0.175	
					other	0.028	0.610	0.237	
21	0-21	0.500	0.597	0.476	A	0.500	0.597	0.476	*
					B	0.139	-0.561	-0.359	
					C	0.111	-0.308	-0.185	
					D	0.250	-0.175	-0.129	
					other	0.000	-9.000	-9.000	

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Seq. No.	Scale -Item	Item Statistics			Alternative Statistics				Key
		Prop. Correct	Biser.	Point Biser.	Alt.	Prop. Endorsing	Biser.	Point Biser.	
22	0-22	0.250	0.939	0.689	A	0.083	0.107	0.059	
					B	0.250	0.939	0.689	*
					C	0.361	-0.468	-0.365	
					D	0.306	-0.398	-0.303	
					other	0.000	-9.000	-9.000	
23	0-23	0.806	0.501	0.349	A	0.806	0.501	0.349	*
					B	0.083	-0.121	-0.067	
					C	0.000	-9.000	-9.000	
					D	0.111	-0.631	-0.380	

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					28. 2 Output				
					other	0.000	-9.000	-9.000	
24	0-24	0.222	-0.068	-0.049	A	0.028	0.268	0.104	
					B	0.222	-0.171	-0.123	
					C	0.222	-0.068	-0.049	*
					D	0.528	0.136	0.109	?
					other	0.000	-9.000	-9.000	
25	0-25	0.694	0.934	0.711	A	0.194	-0.724	-0.503	
					B	0.694	0.934	0.711	*
					C	0.028	-0.553	-0.215	
					D	0.083	-0.606	-0.336	
					other	0.000	-9.000	-9.000	
26	0-26	0.694	0.223	0.170	A	0.083	0.050	0.028	
					B	0.694	0.223	0.170	*
					C	0.028	0.337	0.131	
					D	0.194	-0.390	-0.271	
					other	0.000	-9.000	-9.000	
27	0-27	0.556	0.103	0.082	A	0.000	-9.000	-9.000	
					B	0.000	-9.000	-9.000	
					C	0.556	0.103	0.082	*
					D	0.444	-0.103	-0.082	
					other	0.000	-9.000	-9.000	
28	0-28	0.611	0.310	0.244	A	0.000	-9.000	-9.000	
					B	0.611	0.310	0.244	*
					C	0.389	-0.310	-0.244	
					D	0.000	-9.000	-9.000	
					other	0.000	-9.000	-9.000	

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Seq. No.	Scale -Item	Item Statistics			Alternative Statistics				
		Prop. Correct	Biser.	Point Biser.	Alt.	Prop. Endorsing	Biser.	Point Biser.	Key
29	0-29	0.528	0.367	0.292	A	0.000	-9.000	-9.000	
					B	0.000	-9.000	-9.000	
					C	0.528	0.367	0.292	*
					D	0.472	-0.367	-0.292	
					other	0.000	-9.000	-9.000	
30	0-30	0.167	0.114	0.076	A	0.028	0.131	0.051	
					B	0.750	0.148	0.108	?
					C	0.167	0.114	0.076	*
					D	0.028	-0.622	-0.242	
					other	0.028	-0.690	-0.268	
31	0-31	0.944	0.240	0.118	A	0.944	0.240	0.118	*
					B	0.056	-0.240	-0.118	
					C	0.000	-9.000	-9.000	
					D	0.000	-9.000	-9.000	
					other	0.000	-9.000	-9.000	

28. 2 Output

32	0-32	0.417	0.456	0.361	A	0.056	0.305	0.149	
					B	0.417	0.456	0.361	*
					C	0.333	-0.577	-0.445	
					D	0.194	-0.009	-0.006	
					other	0.000	-9.000	-9.000	
33	0-33	0.806	0.517	0.360	A	0.056	-0.474	-0.232	
					B	0.056	-0.513	-0.251	
					C	0.806	0.517	0.360	*
					D	0.083	-0.207	-0.115	
					other	0.000	-9.000	-9.000	
34	0-34	0.083	0.278	0.154	A	0.083	0.278	0.154	?
					B	0.083	0.278	0.154	*
					C	0.694	-0.300	-0.228	
					D	0.111	-0.008	-0.005	
					other	0.028	0.337	0.131	
		CHECK THE KEY B was specified, A works better							
35	0-35	0.472	0.138	0.110	A	0.472	0.138	0.110	*
					B	0.139	0.308	0.197	
					C	0.083	0.420	0.233	?
					D	0.306	-0.535	-0.407	
					other	0.000	-9.000	-9.000	
		CHECK THE KEY A was specified, C works better							

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Seq. No.	Scale -Item	Item Statistics			Alternative Statistics				
		Prop. Correct	Biser.	Point Biser.	Alt.	Prop. Endorsing	Biser.	Point Biser.	Key
36	0-36	0.667	0.673	0.519	A	0.056	-0.474	-0.232	
					B	0.667	0.673	0.519	*
					C	0.139	-0.521	-0.334	
					D	0.139	-0.344	-0.220	
					other	0.000	-9.000	-9.000	
37	0-37	0.694	0.734	0.559	A	0.111	-0.654	-0.394	
					B	0.083	-0.378	-0.209	
					C	0.111	-0.400	-0.241	
					D	0.694	0.734	0.559	*
					other	0.000	-9.000	-9.000	
38	0-38	0.639	0.561	0.437	A	0.000	-9.000	-9.000	
					B	0.194	0.038	0.027	
					C	0.639	0.561	0.437	*
					D	0.167	-0.883	-0.592	
					other	0.000	-9.000	-9.000	
39	0-39	0.861	0.403	0.258	A	0.056	-0.084	-0.041	
					B	0.000	-9.000	-9.000	
					C	0.861	0.403	0.258	*
					D	0.083	-0.520	-0.289	
					other	0.000	-9.000	-9.000	
40	0-40	0.472	-0.027	-0.021	A	0.000	-9.000	-9.000	
					B	0.361	0.034	0.027	?

28. 2 Output

CHECK THE KEY					28. 2 Output				
D was specified, B works better					C	0.167	-0.009	-0.006	
					D	0.472	-0.027	-0.021	*
					other	0.000	-9.000	-9.000	
41	0-41	0.389	0.990	0.778	A	0.389	0.990	0.778	*
					B	0.083	-0.235	-0.130	
					C	0.306	-0.522	-0.398	
					D	0.222	-0.538	-0.385	
					other	0.000	-9.000	-9.000	
42	0-42	1.000	-9.000	-9.000	A	0.000	-9.000	-9.000	
					B	1.000	-9.000	-9.000	*
					C	0.000	-9.000	-9.000	
					D	0.000	-9.000	-9.000	
					other	0.000	-9.000	-9.000	

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Seq. No.	Scale -Item	Item Statistics			Alternative Statistics				Key
		Prop. Correct	Biser.	Point Biser.	Alt.	Prop. Endorsing	Biser.	Point Biser.	
43	0-43	0.500	0.717	0.572	A	0.500	0.717	0.572	*
					B	0.028	0.405	0.157	
					C	0.389	-0.663	-0.521	
					D	0.083	-0.378	-0.209	
					other	0.000	-9.000	-9.000	
44	0-44	0.972	0.622	0.242	A	0.028	-0.622	-0.242	
					B	0.000	-9.000	-9.000	
					C	0.972	0.622	0.242	*
					D	0.000	-9.000	-9.000	
					other	0.000	-9.000	-9.000	
45	0-45	0.611	0.367	0.288	A	0.250	-0.354	-0.260	
					B	0.139	-0.127	-0.081	
					C	0.611	0.367	0.288	*
					D	0.000	-9.000	-9.000	
					other	0.000	-9.000	-9.000	

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There were 36 examinees in the data file.

Scale Statistics

Scale: 0

28. 2 Output

N of Items	45
N of Examinees	36
Mean	24.083
Variance	40.410
Std. Dev.	6.357
Skew	-0.206
Kurtosis	-1.042
Minimum	12.000
Maximum	35.000
Median	25.000
Alpha	0.808
SEM	2.788
Mean P	0.535
Mean Item-Tot.	0.324
Mean Biserial	0.443