Lampiran 2 Hasil Kuesioner

No.	BA1	BA2	BA3	BA4	PQ1	PQ2	PQ3	PQ4	PQ5
1	4	3	3	4	4	5	4	5	4
2	5	5	4	5	4	4	3	5	4
3	2	1	3	2	3	3	4	3	3
4	2	3	3	2	4	4	4	3	4
5	2	3	2	2	3	3	3	3	3
6	3	3	3	3	4	4	4	5	4
7	4	3	3	4	3	3	4	3	3
8	5	4	5	5	4	4	4	5	4
9	2	3	3	2	2	2	3	2	2
10	4	3	4	4	4	4	4	3	4
11	3	4	3	3	3	3	4	3	3
12	4	3	3	4	4	4	4	3	4
13	3	4	4	3	3	3	3	4	3
14	4	3	5	4	3	4	4	4	3
15	3	4	4	3	4	3	3	3	4
16	4	3	4	4	3	4	3	3	3
17	5	4	4	5	4	5	3	3	4
18	2	2	3	2	3	4	4	4	3
19	3	4	4	3	2	3	2	2	2
20	5	5	5	5	3	4	3	3	3
21	2	2	3	2	4	3	3	3	4
22	4	5	5	4	4	5	4	4	4
23	5	4	4	5	3	3	4	4	3
24	5	4	5	5	3	4	5	5	3
25	3	3	3	3	4	3	4	4	4
26	5	5	5	5	4	4	4	4	4
27	2	3	3	3	3	2	3	3	2
28	2	5	5	5	3	4	3	3	4
29	3	4	4	4	3	4	3	3	4
30	4	3	3	3	4	5	4	4	5
31	4	3	4	3	3	2	2	2	2
32	2	2	4	2	4	5	4	4	5
33	2	3	1	3	2	3	2	2	3
34	4	5	4	5	3	2	3	3	2
35	3	4	3	4	2	3	2	2	3
36	3	3	4	3	3	4	3	3	4
37	2	2	3	2	2	3	2	2	3
38	3	4	5	4	3	4	3	3	4

Lampiran 2 Hasil Kuesioner

No.	BA1	BA2	BA3	BA4	PQ1	PQ2	PQ3	PQ4	PQ5
39	2	3	3	3	4	4	3	3	4
40	4	5	5	5	3	4	3	3	4
41	1	2	3	2	4	4	3	3	4
42	3	4	3	4	3	4	3	3	4
43	2	3	4	3	1	2	1	1	2
44	2	2	3	2	4	5	4	4	5
45	2	1	3	1	2	2	2	2	2
46	5	5	4	5	3	4	3	3	4
47	2	1	3	1	2	3	2	2	3
48	2	3	3	3	3	4	3	3	4
49	3	1	2	1	2	2	1	1	2
50	5	4	4	4	4	3	3	3	3
51	3	2	3	3	2	3	2	2	2
52	4	3	4	4	3	3	3	4	3
53	3	2	2	2	4	4	3	3	3
54	4	3	3	3	4	3	4	4	4
55	3	2	2	2	3	2	3	3	3
56	4	3	4	4	4	5	4	4	4
57	3	4	5	5	4	3	2	4	2
58	4	4	4	4	3	4	3	3	3
59	3	4	3	3	4	3	4	4	4
60	4	5	4	4	3	3	3	4	3
61	4	3	3	3	3	3	4	3	4
62	3	3	4	4	4	4	3	4	3
63	2	2	2	2	3	4	3	3	3
64	5	5	5	5	4	5	4	4	4
65	4	4	4	4	3	4	3	3	3
66	5	5	5	5	4	5	4	4	4
67	4	4	4	4	3	4	3	4	3
68	4	3	3	3	4	4	3	3	3
69	4	2	4	4	4	3	4	3	4
70	3	3	3	3	4	5	4	4	4
71	2	3	2	2	3	4	4	3	4
72	3	3	3	3	3	4	3	3	3
73	3	4	4	4	4	4	3	4	3
74	3	5	4	4	4	5	4	3	4
75	2	3	2	2	1	2	1	1	1
76	2	3	2	2	4	5	4	4	4

Lampiran 2 Hasil Kuesioner

No.	BA1	BA2	BA3	BA4	PQ1	PQ2	PQ3	PQ4	PQ5
77	2	2	2	2	1	2	1	1	1
78	3	3	3	3	4	5	4	4	4
79	2	2	2	2	1	3	2	1	1
80	3	3	3	3	2	3	2	2	2
81	3	3	3	3	2	3	2	2	2
82	4	5	4	4	4	5	4	3	3
83	4	4	4	4	3	4	3	3	3
84	5	4	5	5	4	5	4	4	4
85	2	3	2	2	4	4	3	3	3
86	3	2	3	3	3	4	4	3	3
87	2	2	2	2	3	2	2	2	2
88	3	3	3	3	3	4	3	3	3
89	3	2	3	3	4	5	3	4	4
90	5	5	5	5	3	4	4	3	3
91	4	4	4	4	3	4	4	4	4
92	5	5	5	5	4	5	3	4	4
93	3	3	3	3	3	4	4	3	3
94	4	4	4	4	4	3	3	4	4
95	2	2	2	2	4	3	4	4	4
96	4	4	4	4	3	4	4	3	3
97	4	4	4	4	3	4	3	3	3
98	4	4	4	4	4	5	4	4	4
99	4	4	4	4	3	4	3	3	3
100	4	4	4	4	5	5	4	4	4
101	3	3	3	4	3	4	4	3	3
102	4	3	3	4	3	5	5	4	3
103	5	5	5	5	5	4	4	3	5
104	5	3	3	4	4	5	4	4	4
105	5	4	4	5	3	4	4	4	3
106	4	5	5	4	4	5	5	5	4
107	5	5	5	5	3	4	3	4	3
108	4	4	4	4	5	5	4	3	5
109	4	4	4	4	5	4	4	3	5
110	4	4	4	5	5	4	5	4	5
111	5	5	5	4	4	5	4	4	4
112	4	5	5	5	5	4	4	5	5
113	3	4	4	5	4	5	4	5	4
114	3	5	5	4	4	4	5	4	4

Lampiran 2 Hasil Kuesioner

No.	BA1	BA2	BA3	BA4	PQ1	PQ2	PQ3	PQ4	PQ5
115	4	2	2	3	2	3	2	2	2
116	4	5	5	4	5	4	3	3	5
117	3	3	3	4	3	4	3	5	3
118	3	4	4	3	4	5	4	4	4
119	4	4	4	4	3	4	3	3	3
120	4	4	4	4	4	5	4	4	4
121	4	3	3	3	3	4	3	3	3
122	4	3	3	4	5	5	4	5	5
123	5	4	4	4	5	4	4	5	5
124	4	5	5	4	4	5	5	4	4
125	5	4	4	5	4	4	4	4	4
126	3	3	5	5	5	5	4	5	5
127	5	5	4	5	4	4	3	4	4
128	4	4	5	5	3	4	3	3	4
129	5	5	5	4	4	5	4	4	5
130	5	5	4	3	3	4	3	3	4
131	5	5	5	5	4	5	3	4	5
132	4	4	5	5	3	4	3	4	4
133	4	4	4	4	3	4	4	3	4
134	3	3	3	3	2	3	3	3	3
135	5	5	4	4	4	4	3	4	4
136	5	4	5	5	2	3	3	3	3
137	5	5	4	4	3	4	4	3	4
138	5	4	5	5	3	3	3	4	3
139	5	5	4	4	4	4	3	5	4
140	5	4	5	5	3	3	3	4	3
141	3	5	4	4	4	4	4	3	4
142	5	4	5	5	3	3	3	4	3
143	5	5	4	4	4	3	3	5	3
144	5	4	5	5	3	4	3	4	4
145	5	5	4	4	4	4	4	5	4
146	5	4	5	5	3	3	3	4	3
147	5	5	4	4	4	4	3	5	4
148	5	3	4	4	3	4	3	5	4
149	5	4	3	3	4	4	3	4	4
150	5	4	5	5	3	4	3	5	4
151	5	5	4	5	4	4	3	4	3
152	3	4	3	3	5	5	4	5	4

Lampiran 2 Hasil Kuesioner

No.	BA1	BA2	BA3	BA4	PQ1	PQ2	PQ3	PQ4	PQ5
153	4	3	4	4	5	4	4	3	4
154	4	4	4	4	5	4	5	5	5
155	2	4	3	2	4	5	4	4	4
156	3	3	4	3	5	4	5	5	5
157	5	4	5	5	3	4	4	5	4
158	5	5	4	5	4	5	5	4	5
159	4	4	5	4	4	4	4	4	4
160	4	5	4	4	5	5	4	3	4
161	5	4	5	5	4	4	5	4	5
162	4	5	4	4	4	5	5	5	5
163	5	4	5	5	4	4	5	5	5
164	4	5	4	4	5	4	4	4	4
165	5	4	5	5	4	5	4	5	4
166	4	5	4	4	4	4	5	4	5
167	5	3	4	5	3	4	4	5	4
168	4	5	4	4	5	5	4	5	4
169	5	3	4	5	5	4	4	3	4
170	4	3	4	4	4	5	5	5	5
171	5	4	3	5	4	5	4	4	4
172	4	3	4	4	5	4	4	4	4
173	5	5	4	5	4	5	4	4	4
174	4	4	4	4	4	4	5	4	5
175	5	3	3	5	4	5	4	5	4
176	4	4	4	4	5	4	4	4	4
177	4	2	3	2	4	5	4	5	5
178	3	3	4	3	4	4	5	4	4
179	4	4	3	4	4	5	4	4	4
180	3	3	4	3	5	4	4	5	5
181	4	4	3	4	4	5	4	5	5
182	3	3	4	3	4	4	5	5	5
183	4	3	4	3	4	4	3	4	4
184	4	4	4	4	5	4	4	5	5
185	3	2	2	2	3	3	4	4	4
186	1	2	3	2	4	4	3	4	4
187	4	2	3	2	3	3	4	5	5
188	4	2	3	2	3	3	5	4	4
189	3	2	4	2	4	4	3	5	5
190	2	4	4	4	5	4	4	3	3

Lampiran 2 Hasil Kuesioner

No.	BA1	BA2	BA3	BA4	PQ1	PQ2	PQ3	PQ4	PQ5
191	5	3	4	3	4	4	3	5	5
192	3	4	4	4	3	3	4	5	5
193	5	4	3	4	3	4	5	4	4
194	3	4	4	4	3	3	3	4	4
195	5	4	3	4	5	5	5	5	5
196	3	2	2	2	4	4	4	5	5
197	3	4	5	4	3	3	3	4	4
198	4	4	4	4	4	3	5	5	5
199	3	2	4	2	4	4	4	5	5
200	4	2	3	2	3	4	3	4	4

Lampiran 2 Hasil Kuesioner

No.	BL1	BL2	PI1	PI2	PI3	PI4	PI5	PI6
1	4	3	4	3	3	3	3	4
2	5	5	3	4	4	4	4	3
3	2	1	4	4	3	3	4	4
4	2	3	3	3	3	3	3	3
5	2	3	4	3	4	4	3	4
6	3	3	3	4	3	3	4	3
7	4	3	4	3	4	4	3	4
8	5	4	5	4	5	5	4	5
9	2	3	3	3	3	3	3	3
10	4	3	4	3	4	4	3	4
11	3	4	3	3	4	4	3	3
12	3	3	5	5	5	5	5	5
13	3	4	3	3	3	3	3	3
14	4	3	4	4	5	5	4	4
15	3	4	4	3	4	4	3	4
16	4	3	4	3	5	5	3	4
17	4	4	3	4	4	4	4	3
18	2	2	4	5	5	5	5	4
19	3	4	3	4	3	3	4	3
20	5	5	4	3	5	5	3	4
21	2	2	3	3	3	3	3	3
22	4	5	4	5	5	5	5	4
23	4	4	3	3	4	4	3	3
24	5	4	3	4	5	5	4	3
25	3	3	4	4	4	4	4	4
26	5	5	5	4	5	5	4	5
27	3	3	2	3	2	2	3	2
28	5	5	4	3	3	3	3	4
29	4	4	2	3	4	4	3	2
30	3	3	5	4	3	3	4	5
31	3	4	4	3	3	3	3	4
32	2	4	5	4	3	3	4	5
33	3	1	3	4	4	4	4	3
34	5	4	3	3	3	3	3	3
35	4	3	4	4	4	4	4	4
36	3	4	4	5	5	5	5	4
37	2	3	2	2	2	2	2	2
38	4	5	4	3	4	4	3	4

Lampiran 2 Hasil Kuesioner

No.	BL1	BL2	PI1	PI2	PI3	PI4	PI5	PI6
39	3	3	3	4	5	5	4	3
40	5	5	4	3	4	4	3	4
41	2	3	5	4	4	4	4	5
42	4	3	2	3	3	3	3	2
43	3	4	3	1	2	2	1	3
44	2	3	4	3	3	3	3	4
45	1	3	3	2	2	2	2	3
46	5	4	3	2	2	2	2	3
47	1	3	4	3	3	3	3	4
48	3	3	3	2	2	2	2	3
49	1	2	2	2	2	2	2	2
50	4	4	2	2	2	2	2	2
51	2	2	3	1	3	1	3	3
52	2	3	4	3	4	3	4	4
53	2	1	2	2	2	2	2	2
54	4	4	4	3	3	3	4	3
55	3	3	3	2	2	2	3	2
56	3	4	4	3	4	3	4	4
57	4	4	3	4	5	4	3	5
58	5	5	5	4	4	4	5	4
59	2	3	3	4	3	4	3	3
60	4	4	4	5	4	5	4	4
61	4	4	4	3	3	3	4	3
62	2	2	3	3	4	3	3	4
63	2	1	3	2	2	2	3	2
64	5	4	4	5	5	5	4	5
65	3	3	5	4	4	4	5	4
66	4	4	4	5	5	5	4	5
67	4	4	5	4	4	4	5	4
68	3	4	4	3	3	3	4	3
69	3	4	4	2	4	2	4	4
70	2	2	3	3	3	3	3	3
71	1	1	2	3	2	3	2	2
72	3	3	3	3	3	3	3	3
73	3	4	3	4	4	4	3	4
74	4	3	3	5	4	5	3	4
75	1	1	2	3	2	3	2	2
76	3	3	3	3	3	3	3	3

Lampiran 2 Hasil Kuesioner

No.	BL1	BL2	PI1	PI2	PI3	PI4	PI5	PI6
77	2	1	2	1	1	1	2	1
78	5	3	5	3	5	3	5	5
79	2	2	2	2	2	2	2	2
80	3	3	3	3	3	3	3	3
81	2	3	2	3	2	3	2	2
82	5	5	5	5	5	5	5	5
83	4	3	4	3	4	3	4	4
84	5	5	5	5	5	5	5	5
85	3	4	3	4	4	4	3	4
86	3	4	3	4	3	4	3	3
87	2	2	2	2	2	2	2	2
88	3	2	3	2	3	2	3	3
89	4	3	4	3	4	3	4	4
90	3	3	3	3	3	3	3	3
91	4	4	4	4	4	4	4	4
92	5	5	5	5	5	5	5	5
93	4	3	4	3	4	3	4	4
94	5	3	5	3	5	3	5	5
95	2	2	2	2	2	2	2	2
96	4	3	4	3	4	3	4	4
97	2	4	2	4	2	4	2	2
98	5	5	5	5	5	5	5	5
99	4	2	4	2	4	2	4	4
100	4	5	4	5	4	5	4	4
101	2	4	4	3	3	3	4	3
102	3	2	4	4	3	3	4	4
103	4	4	5	5	5	5	5	5
104	3	4	4	5	3	3	4	5
105	3	4	5	5	4	4	5	5
106	4	4	4	4	5	5	4	4
107	4	4	5	5	5	5	5	5
108	4	4	4	4	4	4	4	4
109	2	2	4	4	4	4	4	4
110	4	3	5	4	4	4	5	4
111	3	3	4	5	5	5	4	5
112	1	3	5	4	5	5	5	4
113	1	3	5	3	4	4	5	3
114	2	4	4	3	5	5	4	3

Lampiran 2 Hasil Kuesioner

No.	BL1	BL2	PI1	PI2	PI3	PI4	PI5	PI6
115	2	3	3	4	2	2	3	4
116	1	2	4	4	5	5	4	4
117	3	2	4	3	3	3	4	3
118	3	3	3	3	4	4	3	3
119	3	1	4	4	4	4	4	4
120	2	3	4	4	4	4	4	4
121	3	4	3	4	3	3	3	4
122	2	3	4	4	3	3	4	4
123	2	4	4	5	4	4	4	5
124	2	3	4	4	5	5	4	4
125	1	2	5	5	4	4	5	5
126	3	2	5	5	3	3	5	5
127	4	3	4	5	5	5	4	5
128	4	5	5	5	4	4	5	5
129	3	4	5	4	5	5	5	4
130	3	2	4	3	5	5	4	3
131	3	4	5	5	5	5	5	5
132	4	5	5	5	4	4	5	5
133	3	4	4	4	4	4	4	4
134	4	3	3	3	3	3	3	3
135	4	5	4	4	5	5	4	4
136	4	4	5	4	4	4	5	4
137	3	2	5	4	4	4	5	4
138	4	4	3	3	4	4	3	3
139	3	3	4	4	4	4	4	4
140	4	4	3	5	5	5	3	5
141	4	3	5	5	4	4	5	5
142	3	3	4	4	4	4	4	4
143	5	4	3	3	5	5	3	3
144	3	4	3	5	2	2	3	5
145	2	4	4	4	2	2	4	4
146	3	5	5	5	3	3	5	5
147	4	3	4	4	5	5	4	4
148	2	3	5	4	5	5	5	4
149	3	4	4	5	4	4	4	5
150	3	3	5	4	4	4	5	4
151	3	3	5	5	5	5	5	5
152	5	4	4	4	4	4	4	4

Lampiran 2 Hasil Kuesioner

No.	BL1	BL2	PI1	PI2	PI3	PI4	PI5	PI6
153	3	4	2	2	2	2	2	2
154	3	3	3	3	2	3	2	3
155	3	4	3	3	3	3	3	4
156	3	4	4	4	3	4	3	4
157	3	4	2	2	2	2	2	3
158	3	3	4	4	3	4	3	3
159	3	4	3	3	4	3	4	4
160	3	4	3	3	3	3	3	3
161	3	3	4	4	4	4	4	4
162	3	4	3	3	3	3	3	4
163	3	4	3	3	4	3	4	4
164	3	3	4	4	3	4	3	3
165	3	4	3	3	4	3	4	4
166	3	3	3	3	4	3	4	3
167	3	3	3	3	3	3	3	4
168	3	4	4	4	3	4	3	4
169	3	4	3	3	4	3	4	3
170	3	4	4	4	3	4	3	4
171	3	3	4	4	4	4	4	3
172	3	4	3	3	4	3	4	3
173	3	3	4	4	4	4	4	4
174	3	4	3	3	4	3	4	3
175	4	4	3	3	3	3	3	3
176	4	5	4	4	5	4	5	3
177	4	3	4	4	3	4	3	4
178	3	3	3	3	3	3	3	3
179	5	5	5	5	5	5	5	4
180	5	4	5	5	4	5	4	5
181	4	4	4	4	4	4	4	4
182	5	3	5	5	3	5	3	5
183	5	5	5	5	5	5	5	4
184	5	3	5	5	3	5	3	5
185	5	3	5	5	3	5	3	4
186	3	4	3	3	4	3	4	3
187	2	4	2	2	4	2	4	2
188	5	5	5	5	5	5	5	5
189	3	5	3	3	5	3	5	4
190	4	4	4	4	4	4	4	3

Lampiran 2 Hasil Kuesioner

No.	BL1	BL2	PI1	PI2	PI3	PI4	PI5	PI6
191	3	5	3	3	5	3	5	3
192	4	5	4	4	5	4	5	4
193	5	5	5	5	5	5	5	5
194	4	4	4	4	4	4	4	4
195	4	5	4	4	5	4	5	4
196	5	4	5	5	4	5	4	5
197	3	4	3	3	4	3	4	3
198	4	5	4	4	5	4	5	4
199	5	5	5	5	5	5	5	5
200	3	5	3	3	5	3	5	3

Lampiran 3 Karakteristik Responden

No.	Jenis Kelamin	Jumlah	Persentase (%)
1	Laki-laki	117	58.50%
2	Perempuan	83	41.50%
Total		200	100

No.	Usia	Jumlah	Persentase (%)
1	17 – 25 Tahun	67	33.50%
2	26 – 35 Tahun	74	37.00%
3	36 – 45 Tahun	37	18.50%
4	> 45 Tahun	22	11.00%
Total		200	100

No.	Pekerjaan	Jumlah	Persentase (%)
1	Pelajar/Mahasiswa	41	20.50%
2	Pegawai Swasta	55	27.50%
3	Pegawai Negeri	39	19.50%
4	Wiraswasta	25	12.50%
5	Ibu Rumah Tangga	23	11.50%
6	Lainnya	17	8.50%
Total		200	100

No.	Pernah Membeli Produk Samsung Galaxy Dalam 1 Bulan Terakhir	Jumlah	Persentase (%)
1	Ya	200	100%
2	Tidak	0	0%
Total		200	100

Lampiran 4 Statistik Deskriptif

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
BA1	200	1.00	5.00	3.7150	1.04366
BA2	200	1.00	5.00	3.5950	1.02774
BA3	200	1.00	5.00	3.7450	.89104
BA4	200	1.00	5.00	3.6750	1.04635
BA	200	1.75	5.00	3.6825	.87062
PQ1	200	1.00	5.00	3.5650	.86575
PQ2	200	2.00	5.00	3.9100	.81561
PQ3	200	1.00	5.00	3.5350	.84993
PQ4	200	1.00	5.00	3.6850	.95936
PQ5	200	1.00	5.00	3.7250	.89070
PQ	200	1.20	5.00	3.6840	.72911
BL1	200	1.00	5.00	3.2850	1.05324
BL2	200	1.00	5.00	3.4900	.98731
BL	200	1.00	5.00	3.3875	.90008
PI1	200	2.00	5.00	3.7350	.90491
PI2	200	1.00	5.00	3.6250	.95863
PI3	200	1.00	5.00	3.7350	.98469
PI4	200	1.00	5.00	3.6600	.99970
PI5	200	1.00	5.00	3.7150	.92632
PI6	200	1.00	5.00	3.7200	.90315
PI	200	1.33	5.00	3.6981	.79509
Valid N (listwise)	200				

Lampiran 5 Validitas

Indikator	Standardized Loading	Cut Off	Keterangan
Brand Awareness			
BA1	0.77	> 0,7	Valid
BA2	0.80	> 0,7	Valid
BA3	0.80	> 0,7	Valid
BA4	0.93	> 0,7	Valid
Perceived Quality			
PQ1	0.81	> 0,7	Valid
PQ2	0.70	> 0,7	Valid
PQ3	0.78	> 0,7	Valid
PQ4	0.77	> 0,7	Valid
PQ5	0.87	> 0,7	Valid
Brand Loyalty			
LP1	0.77	> 0,7	Valid
LP2	0.72	> 0,7	Valid
Purchase Intention			
PI1	0.84	> 0,7	Valid
PI2	0.82	> 0,7	Valid
PI3	0.77	> 0,7	Valid
PI4	0.79	> 0,7	Valid
PI5	0.79	> 0,7	Valid
PI6	0.83	> 0,7	Valid

Lampiran 6 Reliabilitas

Indikator	λ	λ^2	e_i	$\Sigma\lambda$	$(\Sigma\lambda)^2$	$\Sigma(\lambda^2)$	Σe_i	CR	VE
Brand Awareness									
BA1	0.77	0.59	0.41						
BA2	0.80	0.64	0.36	3.30	10.89	2.74	1.26	0.90	0.68
BA3	0.80	0.64	0.36						
BA4	0.93	0.86	0.14						
Perceived Quality									
PQ1	0.81	0.66	0.34						
PQ2	0.70	0.49	0.51						
PQ3	0.78	0.61	0.39	3.93	15.44	3.10	1.90	0.89	0.62
PQ4	0.77	0.59	0.41						
PQ5	0.87	0.76	0.24						
Brand Loyalty									
BL1	0.77	0.59	0.41	1.49	2.22	1.11	0.89	0.71	0.56
BL2	0.72	0.52	0.48						
Purchase Intention									
PI1	0.84	0.71	0.29						
PI2	0.82	0.67	0.33						
PI3	0.77	0.59	0.41	4.84	23.43	3.91	2.09	0.92	0.65
PI4	0.79	0.62	0.38						
PI5	0.79	0.62	0.38						
PI6	0.83	0.69	0.31						

Lampiran 7 Normalitas

DATE: 12/28/2014
TIME: 07:54

P R E L I S 2.80

BY

Karl G. Jöreskog & Dag Sörbom

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The following lines were read from file D:\Skripsi\Fitri\Input.PR2:

```
!PRELIS SYNTAX: Can be edited
SY='D:\Skripsi\Fitri\Input.PSF'
NS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
OU MA=CM XT
```

Total Sample Size = 200

Univariate Summary Statistics for Continuous Variables

Variable	Mean	St. Dev.	T-Value	Skewness	Kurtosis	Minimum	Freq.	Maximum	Freq.
BA1	3.715	1.044	50.340	-0.242	-0.667	0.763	2	5.071	54

BA2	3.595	1.028	49.469	-0.182	-0.514	0.975	4	5.080
42								
BA3	3.745	0.891	59.439	-0.177	-0.403	1.002	1	5.060
41								
BA4	3.675	1.046	49.670	-0.212	-0.567	0.877	3	5.124
47								
PQ1	3.565	0.866	58.235	-0.112	-0.123	1.332	4	5.103
24								
PQ2	3.910	0.816	67.796	-0.203	-0.444	2.127	11	5.063
47								
PQ3	3.535	0.850	58.819	-0.102	-0.072	1.338	4	5.107
21								
PQ4	3.685	0.959	54.321	-0.180	-0.429	1.307	5	5.081
42								
PQ5	3.725	0.891	59.144	-0.185	-0.245	1.328	3	5.109
36								
BL1	3.285	1.053	44.108	-0.079	-0.413	0.963	9	5.018
29								
BL2	3.490	0.987	49.991	-0.119	-0.330	1.250	8	5.124
29								
PI1	3.735	0.905	58.371	-0.131	-0.682	1.993	18	5.034
44								
PI2	3.625	0.959	53.478	-0.157	-0.435	1.063	3	5.031
41								
PI3	3.735	0.985	53.642	-0.211	-0.628	0.711	1	5.064
50								
PI4	3.660	1.000	51.776	-0.197	-0.573	0.839	2	5.031
48								
PI5	3.715	0.926	56.717	-0.175	-0.500	0.870	1	5.039
44								
PI6	3.720	0.903	58.250	-0.170	-0.416	0.944	1	5.064
40								

Test of Univariate Normality for Continuous Variables

	Skewness		Kurtosis		Skewness and Kurtosis	
Variable	Z-Score	P-Value	Z-Score	P-Value	Chi-Square	P-Value
BA1	-1.418	0.156	-1.803	0.065	5.870	0.057
BA2	-1.071	0.284	-1.897	0.058	4.746	0.093

BA3	-1.043	0.297	-1.346	0.178	2.899	0.235
BA4	-1.246	0.213	-1.887	0.059	5.334	0.072
PQ1	-0.659	0.510	-0.246	0.806	0.495	0.781
PQ2	-1.190	0.234	-1.544	0.123	3.798	0.150
PQ3	-0.601	0.548	-0.075	0.941	0.367	0.832
PQ4	-1.059	0.290	-1.471	0.141	3.286	0.193
PQ5	-1.087	0.277	-0.685	0.494	1.649	0.438
BL1	-0.469	0.639	-1.394	0.163	2.163	0.339
BL2	-0.703	0.482	-1.026	0.305	1.548	0.461
PI1	-0.773	0.440	-1.903	0.054	5.023	0.081
PI2	-0.924	0.355	-1.500	0.134	3.104	0.212
PI3	-1.239	0.215	-1.553	0.111	5.055	0.078
PI4	-1.155	0.248	-1.723	0.026	5.278	0.063
PI5	-1.028	0.304	-1.820	0.069	4.369	0.113
PI6	-1.000	0.317	-1.409	0.159	2.986	0.225

Relative Multivariate Kurtosis = 1.058

Test of Multivariate Normality for Continuous Variables

Skewness			Kurtosis			Skewness and Kurtosis	
Value	Z-Score	P-Value	Value	Z-Score	P-Value	Chi-Square	P-Value
51.288	1.773	0.072	341.632	1.849	0.063	5.204	0.071

Histograms for Continuous Variables

BA1

Frequency	Percentage	Lower Class Limit	
2	1.0	0.763	□
0	0.0	1.194	
0	0.0	1.625	
28	14.0	2.056	□□□□□□□□□□□□□□□□
0	0.0	2.486	
49	24.5	2.917	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.348	
67	33.5	3.779	□□□

0	0.0	4.210
54	27.0	4.640

BA2

Frequency	Percentage	Lower Class Limit
4	2.0	0.975
0	0.0	1.386
27	13.5	1.796
0	0.0	2.207
57	28.5	2.617
0	0.0	3.028
0	0.0	3.438
70	35.0	3.849
0	0.0	4.259
42	21.0	4.670

BA3

Frequency	Percentage	Lower Class Limit
1	0.5	1.002
0	0.0	1.408
16	8.0	1.813
0	0.0	2.219
57	28.5	2.625
0	0.0	3.031
0	0.0	3.437
85	42.5	3.842
0	0.0	4.248
41	20.5	4.654

BA4

Frequency	Percentage	Lower Class Limit
3	1.5	0.877
0	0.0	1.302
31	15.5	1.727
0	0.0	2.151
41	20.5	2.576

0	0.0	3.001
0	0.0	3.425
78	39.0	3.850
0	0.0	4.275
47	23.5	4.699

PQ1

Frequency	Percentage	Lower Class Limit
4	2.0	1.332
14	7.0	1.709
0	0.0	2.086
0	0.0	2.463
71	35.5	2.840
0	0.0	3.217
0	0.0	3.594
87	43.5	3.971
0	0.0	4.349
24	12.0	4.726

PQ2

Frequency	Percentage	Lower Class Limit
11	5.5	2.127
0	0.0	2.421
0	0.0	2.714
43	21.5	3.008
0	0.0	3.301
0	0.0	3.595
99	49.5	3.888
0	0.0	4.182
0	0.0	4.476
47	23.5	4.769

PQ3

Frequency	Percentage	Lower Class Limit
4	2.0	1.338
14	7.0	1.715
0	0.0	2.092

0	0.0	2.469	
74	37.0	2.845	
0	0.0	3.222	
0	0.0	3.599	
87	43.5	3.976	
0	0.0	4.353	
21	10.5	4.730	

PQ4

Frequency	Percentage	Lower Class Limit	
5	2.5	1.307	
13	6.5	1.684	
0	0.0	2.062	
0	0.0	2.439	
64	32.0	2.817	
0	0.0	3.194	
0	0.0	3.571	
76	38.0	3.949	
0	0.0	4.326	
42	21.0	4.704	

PQ5

Frequency	Percentage	Lower Class Limit	
3	1.5	1.328	
0	0.0	1.706	
14	7.0	2.085	
0	0.0	2.463	
54	27.0	2.841	
0	0.0	3.219	
93	46.5	3.597	
0	0.0	3.975	
0	0.0	4.353	
36	18.0	4.731	

BL1

Frequency	Percentage	Lower Class Limit

9 4.5 0.963 □□□□
0 0.0 1.369
34 17.0 1.774 □□□□□□□□□□□□□□□□
0 0.0 2.180
0 0.0 2.585
77 38.5 2.990
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0 0.0 3.396
51 25.5 3.801
□□□□□□□□□□□□□□□□□□□□□□□□□
0 0.0 4.207
29 14.5 4.612 □□□□□□□□□□□□□□

BL2

Frequency	Percentage	Lower Class Limit	
8	4.0	1.250	□□□□
0	0.0	1.638	
19	9.5	2.025	□□□□□□□□□
0	0.0	2.412	
69	34.5	2.800	

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

0	0.0	3.187	
0	0.0	3.575	
75	37.5	3.962	

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

0	0.0	4.349	
29	14.5	4.737	□□□□□□□□□□□□□□

PI1

Frequency	Percentage	Lower Class Limit	
18	9.0	1.993	□□□□□□□□
0	0.0	2.298	
0	0.0	2.602	
61	30.5	2.906	

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

0	0.0	3.210	
0	0.0	3.514	
77	38.5	3.818	

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0	0.0	4.122	
0	0.0	4.426	

44	22.0	4.730	□□□□□□□□□□□□□□□□□□□□□

PI2

Frequency	Percentage	Lower Class Limit	
3	1.5	1.063	□
0	0.0	1.460	
18	9.0	1.857	□□□□□□□□□
0	0.0	2.254	
71	35.5	2.650	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.047	
0	0.0	3.444	
67	33.5	3.841	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	4.238	
41	20.5	4.635	□□□□□□□□□□□□□□□□□□□□□

PI3

Frequency	Percentage	Lower Class Limit	
1	0.5	0.711	
0	0.0	1.146	
0	0.0	1.581	
24	12.0	2.017	□□□□□□□□□□□□
0	0.0	2.452	
52	26.0	2.887	□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.323	
73	36.5	3.758	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	4.194	
50	25.0	4.629	□□□□□□□□□□□□□□□□□□□□□□□□□□

PI4

Frequency	Percentage	Lower Class Limit	
2	1.0	0.839	□
0	0.0	1.258	
23	11.5	1.677	□□□□□□□□□□□□□
0	0.0	2.096	
0	0.0	2.516	

64 32.0 2.935
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0 0.0 3.354
63 31.5 3.773
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0 0.0 4.193
48 24.0 4.612
□□□□□□□□□□□□□□□□□□□□□□□□□□□□

PI5

Frequency	Percentage	Lower Class Limit	
1	0.5	0.870	
0	0.0	1.287	
18	9.0	1.704	□□□□□□□□□
0	0.0	2.121	
0	0.0	2.538	
62	31.0	2.955	

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

0	0.0	3.371
75	37.5	3.788

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0	0.0	4.205	
44	22.0	4.622	□□□□□□□□□□□□□□□□□□□□□□

PI6

Frequency	Percentage	Lower Class Limit	
1	0.5	0.944	
0	0.0	1.356	
18	9.0	1.768	□□□□□□□□
0	0.0	2.180	
0	0.0	2.592	
57	28.5	3.004	

□□□□□□□□□□□□□□□□□□□□□□□□□

0	0.0	3.416
84	42.0	3.828

□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

0	0.0	4.240	
40	20.0	4.652	□□□□□□□□□□□□□□□□□□

Covariance Matrix

	BA1	BA2	BA3	BA4	PQ1	PQ2
BA1	1.089					
BA2	0.616	1.056				
BA3	0.522	0.587	0.794			
BA4	0.799	0.762	0.684	1.095		
PQ1	0.197	0.258	0.186	0.214	0.750	
PQ2	0.234	0.271	0.175	0.257	0.403	0.665
PQ3	0.224	0.194	0.163	0.210	0.427	0.362
PQ4	0.393	0.233	0.273	0.322	0.465	0.366
PQ5	0.221	0.189	0.209	0.167	0.536	0.402
BL1	0.363	0.376	0.273	0.408	0.130	0.152
BL2	0.346	0.314	0.384	0.320	0.171	0.138
PI1	0.275	0.235	0.270	0.289	0.219	0.244
PI2	0.344	0.348	0.269	0.336	0.275	0.289
PI3	0.389	0.411	0.406	0.359	0.252	0.241
PI4	0.350	0.487	0.360	0.346	0.272	0.269
PI5	0.340	0.248	0.278	0.315	0.219	0.243
PI6	0.328	0.251	0.341	0.332	0.235	0.266

Covariance Matrix

	PQ3	PQ4	PQ5	BL1	BL2	PI1
PQ3	0.722					
PQ4	0.480	0.920				
PQ5	0.490	0.556	0.793			
BL1	0.166	0.254	0.140	1.109		
BL2	0.146	0.278	0.226	0.582	0.975	
PI1	0.218	0.273	0.286	0.350	0.229	0.819
PI2	0.240	0.333	0.285	0.341	0.299	0.565
PI3	0.201	0.325	0.267	0.430	0.395	0.486
PI4	0.253	0.321	0.272	0.449	0.319	0.539
PI5	0.219	0.332	0.297	0.268	0.319	0.621
PI6	0.193	0.313	0.287	0.363	0.283	0.651

Covariance Matrix

	PI2	PI3	PI4	PI5	PI6

PI2	0.919				
PI3	0.494	0.970			
PI4	0.730	0.765	0.999		
PI5	0.551	0.664	0.471	0.858	
PI6	0.640	0.496	0.502	0.488	0.816

Means

BA1	BA2	BA3	BA4	PQ1	PQ2
3.715	3.595	3.745	3.675	3.565	3.910

Means

PQ3	PQ4	PQ5	BL1	BL2	PI1
3.535	3.685	3.725	3.285	3.490	3.735

Means

PI2	PI3	PI4	PI5	PI6
3.625	3.735	3.660	3.715	3.720

Standard Deviations

BA1	BA2	BA3	BA4	PQ1	PQ2
1.044	1.028	0.891	1.046	0.866	0.816

Standard Deviations

PQ3	PQ4	PQ5	BL1	BL2	PI1
0.850	0.959	0.891	1.053	0.987	0.905

Standard Deviations

PI2	PI3	PI4	PI5	PI6

0.959 0.985 1.000 0.926 0.903

The Problem used 31456 Bytes (= 0.0% of available workspace)

Lampiran 8 Structural Equation Model

DATE: 12/28/2014
TIME: 7:48

L I S R E L 8.80

BY

Karl G. Jöreskog & Dag Sörbom

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The following lines were read from file D:\Skripsi\Fitri\Output.SPJ:

SYSTEM FILE from file 'D:\Skripsi\Fitri\Output.DSF'
Sample Size = 200
Latent Variables PQ BL PI BA
Relationships
PQ1 = 0.70*PQ
PQ2 = PQ
PQ3 = PQ
PQ4 = PQ
PQ5 = PQ
BL1 = 0.81*BL

BL2 = BL
PI1 = 0.76*PI
PI2 = PI
PI3 = PI
PI4 = PI
PI5 = PI
PI6 = PI
BA1 = BA
BA2 = BA
BA3 = BA
BA4 = BA
BL = PQ
PI = PQ BL
PQ = BA
BL = BA
PI = BA
Path Diagram
options: all
End of Problem

Sample Size = 200

Covariance Matrix

	PQ1	PQ2	PQ3	PQ4	PQ5	BL1
PQ1	0.75					
PQ2	0.42	0.67				
PQ3	0.46	0.38	0.72			
PQ4	0.50	0.39	0.51	0.92		
PQ5	0.55	0.43	0.51	0.58	0.79	
BL1	0.14	0.16	0.18	0.27	0.16	1.11
BL2	0.19	0.14	0.17	0.30	0.25	0.58
PI1	0.23	0.25	0.23	0.29	0.30	0.35
PI2	0.29	0.30	0.26	0.35	0.30	0.34
PI3	0.27	0.25	0.22	0.34	0.29	0.43
PI4	0.28	0.28	0.26	0.33	0.29	0.45
PI5	0.24	0.26	0.24	0.35	0.31	0.27
PI6	0.25	0.28	0.21	0.33	0.30	0.36

BA1	0.23	0.25	0.25	0.41	0.25	0.37
BA2	0.27	0.27	0.21	0.25	0.20	0.38
BA3	0.21	0.19	0.18	0.29	0.23	0.28
BA4	0.24	0.28	0.24	0.34	0.19	0.41

Covariance Matrix

	BL2	PI1	PI2	PI3	PI4	PI5
BL2	0.97					
PI1	0.23	0.82				
PI2	0.30	0.56	0.92			
PI3	0.39	0.49	0.49	0.97		
PI4	0.32	0.54	0.73	0.76	1.00	
PI5	0.31	0.62	0.55	0.67	0.47	0.86
PI6	0.29	0.65	0.63	0.50	0.50	0.49
BA1	0.37	0.29	0.35	0.40	0.35	0.36
BA2	0.33	0.24	0.35	0.41	0.49	0.26
BA3	0.40	0.27	0.27	0.41	0.36	0.28
BA4	0.34	0.30	0.34	0.38	0.36	0.32

Covariance Matrix

	PI6	BA1	BA2	BA3	BA4
PI6	0.82				
BA1	0.34	1.09			
BA2	0.26	0.62	1.06		
BA3	0.35	0.53	0.60	0.79	
BA4	0.34	0.81	0.80	0.69	1.09

Initial Estimates (TSLS)

Measurement Equations

PQ1 = 0.70*PQ, Errorvar.= 0.22, R^2 = 0.71

PQ2 = 0.54*PQ, Errorvar.= 0.35, R^2 = 0.48

PQ3 = 0.63*PQ, Errorvar.= 0.30, R^2 = 0.59

PQ4 = 0.70*PQ, Errorvar.= 0.40, R^2 = 0.57

PQ5 = 0.74*PQ, Errorvar.= 0.20, R^2 = 0.75

BL1 = 0.81*BL, Errorvar.= 0.49, R^2 = 0.56

BL2 = 0.76*BL, Errorvar.= 0.43, R^2 = 0.56

PI1 = 0.76*PI, Errorvar.= 0.026, R^2 = 0.97

PI2 = 0.75*PI, Errorvar.= 0.15, R^2 = 0.84

PI3 = 0.70*PI, Errorvar.= 0.30, R^2 = 0.69

PI4 = 0.49*PI, Errorvar.= 0.67, R^2 = 0.33

PI5 = 0.55*PI, Errorvar.= 0.44, R^2 = 0.49

PI6 = 0.56*PI, Errorvar.= 0.38, R^2 = 0.53

BA1 = 0.82*BA, Errorvar.= 0.42, R^2 = 0.62

BA2 = 0.78*BA, Errorvar.= 0.45, R^2 = 0.57

BA3 = 0.70*BA, Errorvar.= 0.30, R^2 = 0.62

BA4 = 0.99*BA, Errorvar.= 0.11, R^2 = 0.90

Structural Equations

PQ = 0.39*BA, Errorvar.= 0.93, R^2 = 0.14

BL = 0.20*PQ + 0.40*BA, Errorvar.= 0.67, R^2 = 0.29

PI = 0.37*PQ + 0.46*BL + 0.17*BA, Errorvar.= 0.74, R^2 = 0.46

Reduced Form Equations

PQ = 0.39*BA, Errorvar.= 0.93, R^2 = 0.14

BL = 0.48*BA, Errorvar.= 0.71, R^2 = 0.24

PI = 0.53*BA, Errorvar.= 1.09, R^2 = 0.21

Correlation Matrix of Independent Variables

BA
1.00

Covariance Matrix of Latent Variables

	PQ	BL	PI	BA
PQ	1.08			
BL	0.38	0.94		
PI	0.64	0.65	1.37	
BA	0.39	0.48	0.53	1.00

Behavior under Minimization Iterations

Iter	Try	Abscissa	Slope	Function
1	0	0.00000000D+00	-0.59863600D+01	0.31932286D+01
	1	0.10000000D+01	0.39994662D+00	0.21071836D+01
2	0	0.00000000D+00	-0.25884562D+00	0.21071836D+01
	1	0.10000000D+01	0.98779482D-01	0.20959930D+01
	2	0.72379042D+00	0.65441207D-01	0.20728733D+01
	3	0.57772923D+00	0.37922088D-01	0.20652149D+01
	4	0.50390483D+00	0.20085185D-01	0.20630547D+01
3	0	0.00000000D+00	-0.25040098D-01	0.20630547D+01

	1	0.50390483D+00	-0.15771960D-01	0.20526945D+01
	2	0.10078097D+01	-0.43218622D-02	0.20475244D+01
	3	0.20156193D+01	0.29219496D-01	0.20585580D+01
	4	0.11376677D+01	-0.91783090D-03	0.20471819D+01
4	0	0.00000000D+00	-0.92232498D-02	0.20471819D+01
	1	0.11376677D+01	-0.23201755D-02	0.20406030D+01
	2	0.22753354D+01	0.48554698D-02	0.20420057D+01
	3	0.15055215D+01	-0.43630725D-04	0.20401672D+01
5	0	0.00000000D+00	-0.37820249D-02	0.20401672D+01
	1	0.15055215D+01	-0.77547575D-03	0.20366769D+01
	2	0.30110430D+01	0.27734636D-02	0.20381037D+01
	3	0.18344918D+01	-0.51233657D-04	0.20365402D+01
6	0	0.00000000D+00	-0.11542944D-02	0.20365402D+01
	1	0.18344918D+01	0.35703958D-04	0.20355217D+01
7	0	0.00000000D+00	-0.45160014D-03	0.20355217D+01
	1	0.18344918D+01	-0.24844930D-03	0.20348791D+01
	2	0.36689835D+01	-0.42389578D-04	0.20346119D+01
8	0	0.00000000D+00	-0.31477664D-03	0.20346119D+01
	1	0.36689835D+01	-0.81211711D-04	0.20338771D+01
	2	0.73379671D+01	0.18215222D-03	0.20340524D+01
	3	0.48003625D+01	-0.34084181D-05	0.20338289D+01
9	0	0.00000000D+00	-0.21933583D-03	0.20338289D+01
	1	0.48003625D+01	-0.39353534D-04	0.20332075D+01
	2	0.96007251D+01	0.14247509D-03	0.20334541D+01
	3	0.58393146D+01	-0.18460068D-06	0.20331869D+01
10	0	0.00000000D+00	-0.98614555D-04	0.20331869D+01
	1	0.58393146D+01	0.25464495D-03	0.20336357D+01
	2	0.16300804D+01	-0.13871402D-05	0.20331053D+01
11	0	0.00000000D+00	-0.19952038D-04	0.20331053D+01
	1	0.16300804D+01	-0.28586109D-05	0.20330867D+01
	2	0.32601609D+01	0.14333903D-04	0.20330960D+01
	3	0.19011150D+01	-0.69103433D-08	0.20330863D+01

```
12   0   0.00000000D+00  -0.30019391D-05   0.20330863D+01
     1   0.19011150D+01   0.10729956D-05   0.20330844D+01
     2   0.14005210D+01   0.85242136D-09   0.20330842D+01

13   0   0.00000000D+00  -0.47564806D-06   0.20330842D+01
     1   0.14005210D+01  -0.26423103D-06   0.20330836D+01
     2   0.28010419D+01  -0.52723990D-07   0.20330834D+01
     3   0.56020838D+01   0.37056208D-06   0.20330839D+01
     4   0.31499362D+01  -0.19815820D-10   0.20330834D+01

14   0   0.00000000D+00  -0.21239154D-06   0.20330834D+01
     1   0.31499362D+01   0.18012842D-07   0.20330831D+01

15   0   0.00000000D+00  -0.82910819D-07   0.20330831D+01
     1   0.31499362D+01   0.53756291D-07   0.20330831D+01
     2   0.19109484D+01  -0.94727329D-11   0.20330830D+01

16   0   0.00000000D+00  -0.10853896D-07   0.20330830D+01
     1   0.19109484D+01   0.50094312D-08   0.20330830D+01
     2   0.13074959D+01  -0.78323070D-12   0.20330830D+01

17   0   0.00000000D+00  -0.18767014D-09   0.20330830D+01
     1   0.13074959D+01   0.45613763D-10   0.20330830D+01
     2   0.10518426D+01  -0.19081290D-15   0.20330830D+01

18   0   0.00000000D+00  -0.11497524D-10   0.20330830D+01
     1   0.10518426D+01  -0.43815403D-11   0.20330830D+01
     2   0.21036851D+01   0.27344406D-11   0.20330830D+01
     3   0.16994961D+01   0.32905422D-18   0.20330830D+01

19   0   0.00000000D+00  -0.37469017D-11   0.20330830D+01
     1   0.16994961D+01  -0.16461484D-11   0.20330830D+01
     2   0.33989923D+01   0.45460831D-12   0.20330830D+01
     3   0.30312176D+01  -0.28618950D-18   0.20330830D+01

20   0   0.00000000D+00  -0.82755982D-12   0.20330830D+01
     1   0.30312176D+01   0.87248547D-12   0.20330830D+01
     2   0.14755571D+01  -0.18418432D-18   0.20330830D+01
```

Number of Iterations = 20

LISREL Estimates (Maximum Likelihood)

Measurement Equations

PQ1 = 0.70*PQ, Errorvar.= 0.26 , R^2 = 0.66
(0.033)
7.84

PQ2 = 0.57*PQ, Errorvar.= 0.34 , R^2 = 0.49
(0.054) (0.038)
10.45 8.94

PQ3 = 0.66*PQ, Errorvar.= 0.28 , R^2 = 0.61
(0.055) (0.034)
12.03 8.27

PQ4 = 0.74*PQ, Errorvar.= 0.37 , R^2 = 0.60
(0.062) (0.044)
11.94 8.32

PQ5 = 0.77*PQ, Errorvar.= 0.20 , R^2 = 0.75
(0.056) (0.030)
13.77 6.64

BL1 = 0.81*BL, Errorvar.= 0.45 , R^2 = 0.59
(0.094)
4.83

BL2 = 0.71*BL, Errorvar.= 0.47 , R^2 = 0.52
(0.10) (0.079)
6.99 5.90

PI1 = 0.76*PI, Errorvar.= 0.25 , R^2 = 0.70
(0.031)
7.99

PI2 = 0.79*PI, Errorvar.= 0.30 , R^2 = 0.68
(0.057) (0.036)
13.91 8.21

PI3 = 0.76*PI, Errorvar.= 0.40 , R^2 = 0.59
(0.060) (0.046)
12.55 8.77

PI4 = 0.79*PI, Errorvar.= 0.38 , R^2 = 0.62
(0.061) (0.044)
13.06 8.59

PI5 = 0.73*PI, Errorvar.= 0.33 , R^2 = 0.62
(0.056) (0.038)
13.03 8.60

PI6 = 0.75*PI, Errorvar.= 0.26 , R^2 = 0.68
(0.053) (0.032)
13.99 8.17

BA1 = 0.81*BA, Errorvar.= 0.44 , R^2 = 0.60
(0.064) (0.051)
12.61 8.60

BA2 = 0.82*BA, Errorvar.= 0.39 , R^2 = 0.63
(0.062) (0.046)
13.16 8.35

BA3 = 0.71*BA, Errorvar.= 0.29 , R^2 = 0.64
(0.054) (0.035)
13.19 8.33

BA4 = 0.97*BA, Errorvar.= 0.15 , R^2 = 0.87
(0.058) (0.034)
16.77 4.31

Structural Equations

PQ = 0.39*BA, Errorvar.= 0.85 , R^2 = 0.15
(0.078) (0.13)
5.05 6.58

BL = 0.17*PQ + 0.48*BA, Errorvar.= 0.68 , R^2 = 0.32
(0.087) (0.093) (0.15)
1.98 5.14 4.48

PI = 0.32*PQ + 0.35*BL + 0.18*BA, Errorvar.= 0.54 , R^2 = 0.46
(0.074) (0.100) (0.083) (0.084)
4.39 3.56 2.11 6.39

Reduced Form Equations

PQ = 0.39*BA, Errorvar.= 0.85, R^2 = 0.15
(0.078)
5.05

BL = 0.55*BA, Errorvar.= 0.70, R^2 = 0.30
(0.089)
6.15

PI = 0.50*BA, Errorvar.= 0.75, R^2 = 0.25
(0.075)
6.59

Correlation Matrix of Independent Variables

BA
1.00

Covariance Matrix of Latent Variables

	PQ	BL	PI	BA
PQ	1.00			
BL	0.36	1.00		
PI	0.52	0.57	0.99	

BA 0.39 0.55 0.50 1.00

Goodness of Fit Statistics

Degrees of Freedom = 113
Minimum Fit Function Chi-Square = 809.17 (P = 0.0)
Normal Theory Weighted Least Squares Chi-Square = 402.79 (P = 0.0)
Estimated Non-centrality Parameter (NCP) = 289.79
90 Percent Confidence Interval for NCP = (232.32 ; 354.84)

Minimum Fit Function Value = 4.07
Population Discrepancy Function Value (F0) = 1.46
90 Percent Confidence Interval for F0 = (1.17 ; 1.78)
Root Mean Square Error of Approximation (RMSEA) = 0.064
90 Percent Confidence Interval for RMSEA = (0.059 ; 0.081)
P-Value for Test of Close Fit (RMSEA < 0.05) = 0.00

Expected Cross-Validation Index (ECVI) = 2.43
90 Percent Confidence Interval for ECVI = (2.14 ; 2.75)
ECVI for Saturated Model = 6.54
ECVI for Independence Model = 24.55

Chi-Square for Independence Model with 136 Degrees of Freedom = 4852.26
Independence AIC = 4886.26
Model AIC = 482.79
Saturated AIC = 1306.00
Independence CAIC = 4959.34
Model CAIC = 654.72
Saturated CAIC = 1963.64

Normed Fit Index (NFI) = 0.98
Non-Normed Fit Index (NNFI) = 0.97
Parsimony Normed Fit Index (PNFI) = 0.79
Comparative Fit Index (CFI) = 0.95
Incremental Fit Index (IFI) = 0.95
Relative Fit Index (RFI) = 0.95

Critical N (CN) = 38.11

Root Mean Square Residual (RMR) = 0.053
Standardized RMR = 0.057
Goodness of Fit Index (GFI) = 0.93
Adjusted Goodness of Fit Index (AGFI) = 0.91
Parsimony Goodness of Fit Index (PGFI) = 0.75

Fitted Covariance Matrix

	PQ1	PQ2	PQ3	PQ4	PQ5	BL1
PQ1	0.75					
PQ2	0.40	0.67				
PQ3	0.46	0.38	0.72			
PQ4	0.52	0.42	0.49	0.92		
PQ5	0.54	0.44	0.51	0.57	0.79	
BL1	0.21	0.17	0.19	0.22	0.23	1.11
BL2	0.18	0.15	0.17	0.19	0.20	0.58
PI1	0.28	0.22	0.26	0.29	0.30	0.35
PI2	0.29	0.23	0.27	0.31	0.32	0.36
PI3	0.28	0.22	0.26	0.29	0.30	0.35
PI4	0.29	0.23	0.27	0.31	0.32	0.36
PI5	0.27	0.22	0.25	0.28	0.29	0.34
PI6	0.27	0.22	0.26	0.29	0.30	0.34
BA1	0.22	0.18	0.21	0.23	0.24	0.36
BA2	0.22	0.18	0.21	0.24	0.25	0.36
BA3	0.20	0.16	0.18	0.21	0.21	0.31
BA4	0.27	0.22	0.25	0.28	0.29	0.43

Fitted Covariance Matrix

	BL2	PI1	PI2	PI3	PI4	PI5
BL2	0.97					
PI1	0.31	0.82				
PI2	0.32	0.60	0.92			
PI3	0.31	0.57	0.60	0.97		
PI4	0.32	0.60	0.62	0.59	1.00	
PI5	0.30	0.55	0.57	0.55	0.57	0.86

PI6	0.30	0.56	0.59	0.56	0.59	0.54
BA1	0.31	0.30	0.32	0.30	0.32	0.29
BA2	0.32	0.31	0.32	0.31	0.32	0.30
BA3	0.28	0.27	0.28	0.27	0.28	0.26
BA4	0.38	0.37	0.38	0.37	0.38	0.35

Fitted Covariance Matrix

	PI6	BA1	BA2	BA3	BA4
PI6	0.82				
BA1	0.30	1.09			
BA2	0.30	0.66	1.06		
BA3	0.26	0.57	0.58	0.79	
BA4	0.36	0.79	0.80	0.69	1.09

Fitted Residuals

	PQ1	PQ2	PQ3	PQ4	PQ5	BL1
PQ1	0.00					
PQ2	0.02	0.00				
PQ3	-0.01	0.00	0.00			
PQ4	-0.02	-0.03	0.02	0.00		
PQ5	0.01	-0.01	0.00	0.00	0.00	
BL1	-0.06	-0.01	-0.01	0.05	-0.07	0.00
BL2	0.01	0.00	0.00	0.11	0.05	0.00
PI1	-0.05	0.03	-0.03	-0.01	-0.01	0.00
PI2	0.00	0.06	-0.02	0.05	-0.02	-0.03
PI3	-0.01	0.03	-0.04	0.05	-0.02	0.08
PI4	-0.01	0.04	-0.01	0.03	-0.03	0.09
PI5	-0.03	0.04	-0.01	0.07	0.02	-0.07
PI6	-0.02	0.06	-0.05	0.04	0.00	0.02
BA1	0.01	0.07	0.04	0.17	0.00	0.02
BA2	0.04	0.09	0.00	0.02	-0.04	0.02
BA3	0.01	0.03	-0.01	0.08	0.01	-0.03
BA4	-0.03	0.06	-0.02	0.06	-0.10	-0.02

Fitted Residuals

	BL2	PI1	PI2	PI3	PI4	PI5

BL2	0.00					
PI1	-0.08	0.00				
PI2	-0.02	-0.03	0.00			
PI3	0.08	-0.08	-0.10	0.00		
PI4	0.00	-0.05	0.11	0.16	0.00	
PI5	0.01	0.07	-0.02	0.12	-0.10	0.00
PI6	-0.01	0.09	0.05	-0.06	-0.08	-0.05
BA1	0.05	-0.01	0.03	0.09	0.04	0.06
BA2	0.01	-0.07	0.03	0.11	0.17	-0.04
BA3	0.12	0.01	-0.01	0.14	0.08	0.03
BA4	-0.04	-0.07	-0.04	0.01	-0.02	-0.03

Fitted Residuals

	PI6	BA1	BA2	BA3	BA4
PI6	0.00				
BA1	0.04	0.00			
BA2	-0.05	-0.04	0.00		
BA3	0.08	-0.04	0.02	0.00	
BA4	-0.03	0.02	0.00	0.00	0.00

Summary Statistics for Fitted Residuals

Smallest Fitted Residual = -0.10
Median Fitted Residual = 0.00
Largest Fitted Residual = 0.17

Stemleaf Plot

```
-10|432
- 8|520
- 6|20960
- 4|941666333321
- 2|8533099986554310
- 0|97655543310998766554222111000000000000000000000
  0|144456001224566889
  2|001168890347899
  4|02567891256
  6|034691
```

8|012446033
10|700
12|02
14|2
16|492

Standardized Residuals

	PQ1	PQ2	PQ3	PQ4	PQ5	BL1
PQ1	- -					
PQ2	1.16	- -				
PQ3	-0.65	0.23	- -			
PQ4	-1.27	-1.59	1.13	- -		
PQ5	1.31	-0.83	-0.05	0.30	- -	
BL1	-1.61	-0.23	-0.38	1.10	-1.98	- -
BL2	0.36	-0.03	-0.04	2.48	1.36	- -
PI1	-1.45	0.79	-0.86	-0.15	-0.21	-0.07
PI2	-0.01	1.69	-0.42	1.19	-0.58	-0.72
PI3	-0.14	0.69	-1.09	1.13	-0.42	2.06
PI4	-0.13	1.03	-0.23	0.66	-0.81	2.16
PI5	-0.84	1.04	-0.36	1.69	0.59	-1.86
PI6	-0.72	1.55	-1.38	1.17	-0.02	0.55
BA1	0.12	1.56	0.90	3.46	0.09	0.38
BA2	0.97	2.11	-0.10	0.33	-1.09	0.51
BA3	0.27	0.78	-0.19	2.04	0.33	-0.99
BA4	-0.85	1.55	-0.50	1.41	-3.68	-0.64

Standardized Residuals

	BL2	PI1	PI2	PI3	PI4	PI5
BL2	- -					
PI1	-2.62	- -				
PI2	-0.73	-2.33	- -			
PI3	2.01	-4.52	-5.15	- -		
PI4	-0.05	-3.21	5.83	7.08	- -	
PI5	0.28	4.20	-1.34	5.69	-5.05	- -
PI6	-0.44	6.77	3.07	-3.21	-4.81	-3.08
BA1	1.23	-0.32	0.73	1.87	0.77	1.37
BA2	0.29	-1.74	0.78	2.24	3.57	-0.94

BA3	3.47	0.17	-0.22	3.44	1.99	0.68
BA4	-1.66	-2.33	-1.24	0.37	-0.53	-0.82

Standardized Residuals

	PI6	BA1	BA2	BA3	BA4
PI6	- -				
BA1	0.88	- -			
BA2	-1.12	-1.66	- -		
BA3	2.32	-2.23	1.05	- -	
BA4	-0.80	2.60	0.13	-0.19	- -

Summary Statistics for Standardized Residuals

Smallest Standardized Residual = -5.15
Median Standardized Residual = 0.00
Largest Standardized Residual = 7.08

Stemleaf Plot

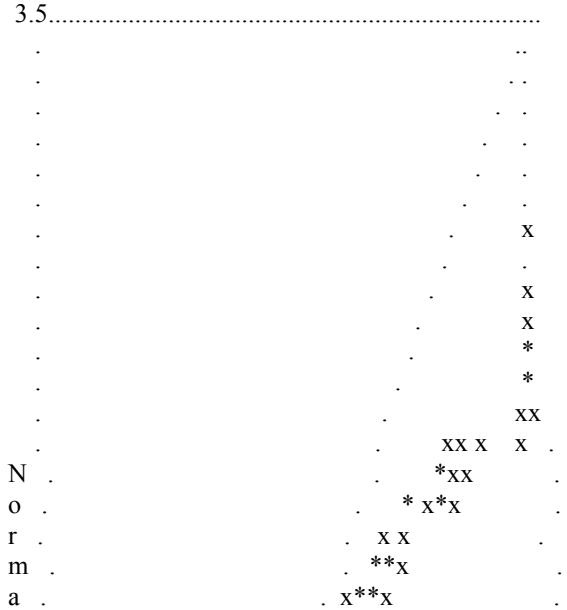
```
- 5|10
- 4|85
- 3|7221
- 2|63320
- 1|977766443321110
- 0|998888887776665544444322222211111100000000000000000000000
  0|111223333334445567777888899
  1|000011122223444566779
  2|0001122356
  3|14556
  4|2
  5|78
  6|8
  7|1
```

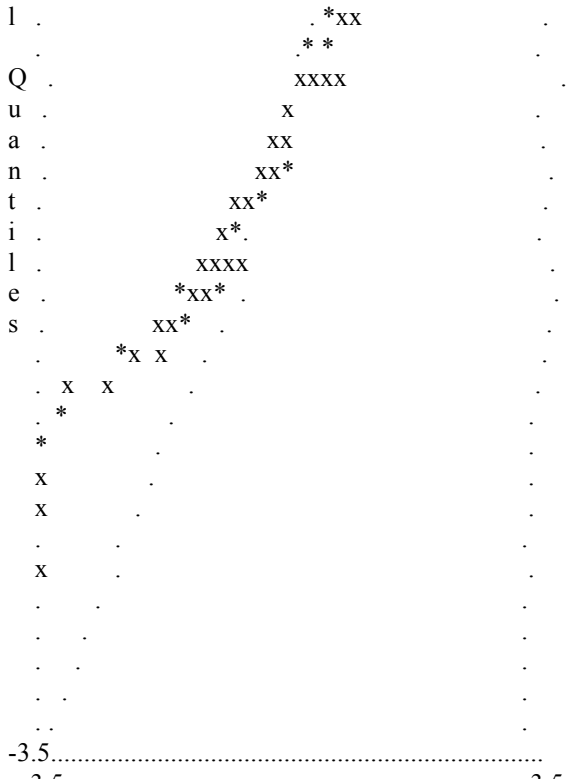
Largest Negative Standardized Residuals

Residual for	PI1 and	BL2	-2.62
Residual for	PI3 and	PI1	-4.52
Residual for	PI3 and	PI2	-5.15
Residual for	PI4 and	PI1	-3.21
Residual for	PI5 and	PI4	-5.05

Residual for PI6 and PI3 -3.21
Residual for PI6 and PI4 -4.81
Residual for PI6 and PI5 -3.08
Residual for BA4 and PQ5 -3.68
Largest Positive Standardized Residuals
Residual for PI4 and PI2 5.83
Residual for PI4 and PI3 7.08
Residual for PI5 and PI1 4.20
Residual for PI5 and PI3 5.69
Residual for PI6 and PI1 6.77
Residual for PI6 and PI2 3.07
Residual for BA1 and PQ4 3.46
Residual for BA2 and PI4 3.57
Residual for BA3 and BL2 3.47
Residual for BA3 and PI3 3.44
Residual for BA4 and BA1 2.60

Qplot of Standardized Residuals





The Modification Indices Suggest to Add an Error Covariance

Between	and	Decrease in Chi-Square	New Estimate
PI3	PI1	20.4	-0.13
PI3	PI2	26.5	-0.16
PI4	PI1	10.3	-0.09
PI4	PI2	34.0	0.17
PI4	PI3	50.2	0.23
PI5	PI1	17.6	0.11
PI5	PI3	32.4	0.17
PI5	PI4	25.5	-0.15
PI6	PI1	45.9	0.16
PI6	PI2	9.4	0.08
PI6	PI3	10.3	-0.09

PI6	PI4	23.1	-0.14
PI6	PI5	9.5	-0.08
BA2	PI4	27.2	0.16
BA2	PI6	9.4	-0.08
BA3	BL1	9.6	-0.11
BA3	BL2	17.2	0.14
BA4	PQ5	9.3	-0.06
BA4	BL2	9.2	-0.10

Covariance Matrix of Parameter Estimates

	LY 2_1	LY 3_1	LY 4_1	LY 5_1	LY 7_2	LY 9_3
LY 2_1	0.00					
LY 3_1	0.00	0.00				
LY 4_1	0.00	0.00	0.00			
LY 5_1	0.00	0.00	0.00	0.00		
LY 7_2	0.00	0.00	0.00	0.00	0.01	
LY 9_3	0.00	0.00	0.00	0.00	0.00	0.00
LY 10_3	0.00	0.00	0.00	0.00	0.00	0.00
LY 11_3	0.00	0.00	0.00	0.00	0.00	0.00
LY 12_3	0.00	0.00	0.00	0.00	0.00	0.00
LY 13_3	0.00	0.00	0.00	0.00	0.00	0.00
LX 1_1	0.00	0.00	0.00	0.00	0.00	0.00
LX 2_1	0.00	0.00	0.00	0.00	0.00	0.00
LX 3_1	0.00	0.00	0.00	0.00	0.00	0.00
LX 4_1	0.00	0.00	0.00	0.00	0.00	0.00
BE 2_1	0.00	0.00	0.00	0.00	0.00	0.00
BE 3_1	0.00	0.00	0.00	0.00	0.00	0.00
BE 3_2	0.00	0.00	0.00	0.00	0.00	0.00
GA 1_1	0.00	0.00	0.00	0.00	0.00	0.00
GA 2_1	0.00	0.00	0.00	0.00	0.00	0.00
GA 3_1	0.00	0.00	0.00	0.00	0.00	0.00
PS 1_1	0.00	0.00	0.00	0.00	0.00	0.00
PS 2_2	0.00	0.00	0.00	0.00	-0.01	0.00
PS 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TE 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TE 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TE 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TE 4_4	0.00	0.00	0.00	0.00	0.00	0.00
TE 5_5	0.00	0.00	0.00	0.00	0.00	0.00

TE 6_6	0.00	0.00	0.00	0.00	0.01	0.00
TE 7_7	0.00	0.00	0.00	0.00	0.00	0.00
TE 8_8	0.00	0.00	0.00	0.00	0.00	0.00
TE 9_9	0.00	0.00	0.00	0.00	0.00	0.00
TE 10_10	0.00	0.00	0.00	0.00	0.00	0.00
TE 11_11	0.00	0.00	0.00	0.00	0.00	0.00
TE 12_12	0.00	0.00	0.00	0.00	0.00	0.00
TE 13_13	0.00	0.00	0.00	0.00	0.00	0.00
TD 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4_4	0.00	0.00	0.00	0.00	0.00	0.00

Covariance Matrix of Parameter Estimates

	LY 10_3	LY 11_3	LY 12_3	LY 13_3	LX 1_1	LX 2_1
LY 10_3	0.00					
LY 11_3	0.00	0.00				
LY 12_3	0.00	0.00	0.00			
LY 13_3	0.00	0.00	0.00	0.00		
LX 1_1	0.00	0.00	0.00	0.00	0.00	
LX 2_1	0.00	0.00	0.00	0.00	0.00	0.00
LX 3_1	0.00	0.00	0.00	0.00	0.00	0.00
LX 4_1	0.00	0.00	0.00	0.00	0.00	0.00
BE 2_1	0.00	0.00	0.00	0.00	0.00	0.00
BE 3_1	0.00	0.00	0.00	0.00	0.00	0.00
BE 3_2	0.00	0.00	0.00	0.00	0.00	0.00
GA 1_1	0.00	0.00	0.00	0.00	0.00	0.00
GA 2_1	0.00	0.00	0.00	0.00	0.00	0.00
GA 3_1	0.00	0.00	0.00	0.00	0.00	0.00
PS 1_1	0.00	0.00	0.00	0.00	0.00	0.00
PS 2_2	0.00	0.00	0.00	0.00	0.00	0.00
PS 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TE 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TE 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TE 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TE 4_4	0.00	0.00	0.00	0.00	0.00	0.00
TE 5_5	0.00	0.00	0.00	0.00	0.00	0.00
TE 6_6	0.00	0.00	0.00	0.00	0.00	0.00
TE 7_7	0.00	0.00	0.00	0.00	0.00	0.00

TE 8_8	0.00	0.00	0.00	0.00	0.00	0.00
TE 9_9	0.00	0.00	0.00	0.00	0.00	0.00
TE 10_10	0.00	0.00	0.00	0.00	0.00	0.00
TE 11_11	0.00	0.00	0.00	0.00	0.00	0.00
TE 12_12	0.00	0.00	0.00	0.00	0.00	0.00
TE 13_13	0.00	0.00	0.00	0.00	0.00	0.00
TD 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4_4	0.00	0.00	0.00	0.00	0.00	0.00

Covariance Matrix of Parameter Estimates

	LX 3_1	LX 4_1	BE 2_1	BE 3_1	BE 3_2	GA 1_1
LX 3_1	0.00					
LX 4_1	0.00	0.00				
BE 2_1	0.00	0.00	0.01			
BE 3_1	0.00	0.00	0.00	0.01		
BE 3_2	0.00	0.00	0.00	0.00	0.01	
GA 1_1	0.00	0.00	0.00	0.00	0.00	0.01
GA 2_1	0.00	0.00	0.00	0.00	0.00	0.00
GA 3_1	0.00	0.00	0.00	0.00	0.00	0.00
PS 1_1	0.00	0.00	0.00	0.00	0.00	0.00
PS 2_2	0.00	0.00	0.00	0.00	-0.01	0.00
PS 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TE 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TE 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TE 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TE 4_4	0.00	0.00	0.00	0.00	0.00	0.00
TE 5_5	0.00	0.00	0.00	0.00	0.00	0.00
TE 6_6	0.00	0.00	0.00	0.00	0.00	0.00
TE 7_7	0.00	0.00	0.00	0.00	0.00	0.00
TE 8_8	0.00	0.00	0.00	0.00	0.00	0.00
TE 9_9	0.00	0.00	0.00	0.00	0.00	0.00
TE 10_10	0.00	0.00	0.00	0.00	0.00	0.00
TE 11_11	0.00	0.00	0.00	0.00	0.00	0.00
TE 12_12	0.00	0.00	0.00	0.00	0.00	0.00
TE 13_13	0.00	0.00	0.00	0.00	0.00	0.00
TD 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2_2	0.00	0.00	0.00	0.00	0.00	0.00

TD 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4_4	0.00	0.00	0.00	0.00	0.00	0.00

Covariance Matrix of Parameter Estimates

	GA 2_1	GA 3_1	PS 1_1	PS 2_2	PS 3_3	TE 1_1
GA 2_1	0.01					
GA 3_1	0.00	0.01				
PS 1_1	0.00	0.00	0.02			
PS 2_2	0.00	0.00	0.00	0.02		
PS 3_3	0.00	0.00	0.00	0.00	0.01	
TE 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TE 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TE 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TE 4_4	0.00	0.00	0.00	0.00	0.00	0.00
TE 5_5	0.00	0.00	0.00	0.00	0.00	0.00
TE 6_6	0.00	0.00	0.00	-0.01	0.00	0.00
TE 7_7	0.00	0.00	0.00	0.00	0.00	0.00
TE 8_8	0.00	0.00	0.00	0.00	0.00	0.00
TE 9_9	0.00	0.00	0.00	0.00	0.00	0.00
TE 10_10	0.00	0.00	0.00	0.00	0.00	0.00
TE 11_11	0.00	0.00	0.00	0.00	0.00	0.00
TE 12_12	0.00	0.00	0.00	0.00	0.00	0.00
TE 13_13	0.00	0.00	0.00	0.00	0.00	0.00
TD 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4_4	0.00	0.00	0.00	0.00	0.00	0.00

Covariance Matrix of Parameter Estimates

	TE 2_2	TE 3_3	TE 4_4	TE 5_5	TE 6_6	TE 7_7
TE 2_2	0.00					
TE 3_3	0.00	0.00				
TE 4_4	0.00	0.00	0.00			
TE 5_5	0.00	0.00	0.00	0.00		
TE 6_6	0.00	0.00	0.00	0.00	0.01	
TE 7_7	0.00	0.00	0.00	0.00	0.00	0.01
TE 8_8	0.00	0.00	0.00	0.00	0.00	0.00

TE 9_9	0.00	0.00	0.00	0.00	0.00	0.00
TE 10_10	0.00	0.00	0.00	0.00	0.00	0.00
TE 11_11	0.00	0.00	0.00	0.00	0.00	0.00
TE 12_12	0.00	0.00	0.00	0.00	0.00	0.00
TE 13_13	0.00	0.00	0.00	0.00	0.00	0.00
TD 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4_4	0.00	0.00	0.00	0.00	0.00	0.00

Covariance Matrix of Parameter Estimates

	TE 8_8	TE 9_9	TE 10_10	TE 11_11	TE 12_12	TE 13_13
TE 8_8	0.00					
TE 9_9	0.00	0.00				
TE 10_10	0.00	0.00	0.00			
TE 11_11	0.00	0.00	0.00	0.00		
TE 12_12	0.00	0.00	0.00	0.00	0.00	
TE 13_13	0.00	0.00	0.00	0.00	0.00	0.00
TD 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4_4	0.00	0.00	0.00	0.00	0.00	0.00

Covariance Matrix of Parameter Estimates

	TD 1_1	TD 2_2	TD 3_3	TD 4_4
TD 1_1	0.00			
TD 2_2	0.00	0.00		
TD 3_3	0.00	0.00	0.00	
TD 4_4	0.00	0.00	0.00	0.00

Correlation Matrix of Parameter Estimates

	LY 2_1	LY 3_1	LY 4_1	LY 5_1	LY 7_2	LY 9_3
LY 2_1	1.00					

LY 3_1	0.39	1.00				
LY 4_1	0.39	0.45	1.00			
LY 5_1	0.45	0.52	0.51	1.00		
LY 7_2	0.00	0.00	0.00	0.00	1.00	
LY 9_3	0.00	0.00	0.00	0.00	0.00	1.00
LY 10_3	0.00	0.00	0.00	0.00	0.00	0.43
LY 11_3	0.00	0.00	0.00	0.00	0.00	0.44
LY 12_3	0.00	0.00	0.00	0.00	0.00	0.44
LY 13_3	0.00	0.00	0.00	0.00	0.00	0.48
LX 1_1	0.00	0.00	0.00	0.00	0.00	0.00
LX 2_1	0.00	0.00	0.00	0.00	0.00	0.00
LX 3_1	0.00	0.00	0.00	0.00	0.00	0.00
LX 4_1	0.00	0.00	0.00	0.00	0.00	0.00
BE 2_1	0.06	0.07	0.07	0.09	-0.12	0.00
BE 3_1	0.14	0.16	0.16	0.19	-0.02	-0.15
BE 3_2	0.00	0.00	0.00	0.00	0.28	-0.12
GA 1_1	-0.16	-0.19	-0.19	-0.22	0.00	0.00
GA 2_1	0.00	0.00	0.00	0.00	-0.32	0.00
GA 3_1	0.00	0.00	0.00	0.00	-0.04	-0.07
PS 1_1	-0.43	-0.49	-0.49	-0.57	0.00	0.00
PS 2_2	0.00	0.00	0.00	0.00	-0.63	0.00
PS 3_3	0.00	0.00	0.00	0.00	-0.02	-0.43
TE 1_1	0.15	0.17	0.17	0.22	0.00	0.00
TE 2_2	-0.13	0.00	0.00	0.01	0.00	0.00
TE 3_3	0.00	-0.16	0.00	0.01	0.00	0.00
TE 4_4	0.00	0.00	-0.16	0.01	0.00	0.00
TE 5_5	-0.01	-0.01	-0.01	-0.25	0.00	0.00
TE 6_6	0.00	0.00	0.00	0.00	0.61	0.00
TE 7_7	0.00	0.00	0.00	0.00	-0.56	0.00
TE 8_8	0.00	0.00	0.00	0.00	0.00	0.15
TE 9_9	0.00	0.00	0.00	0.00	0.00	-0.15
TE 10_10	0.00	0.00	0.00	0.00	0.00	0.00
TE 11_11	0.00	0.00	0.00	0.00	0.00	0.00
TE 12_12	0.00	0.00	0.00	0.00	0.00	0.00
TE 13_13	0.00	0.00	0.00	0.00	0.00	0.00
TD 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4_4	0.00	0.00	0.00	0.00	0.00	0.00

Correlation Matrix of Parameter Estimates

	LY 10_3	LY 11_3	LY 12_3	LY 13_3	LX 1_1	LX 2_1
LY 10_3	1.00					
LY 11_3	0.40	1.00				
LY 12_3	0.40	0.42	1.00			
LY 13_3	0.43	0.45	0.45	1.00		
LX 1_1	0.00	0.00	0.00	0.00	1.00	
LX 2_1	0.00	0.00	0.00	0.00	0.42	1.00
LX 3_1	0.00	0.00	0.00	0.00	0.42	0.44
LX 4_1	0.00	0.00	0.00	0.00	0.51	0.53
BE 2_1	0.00	0.00	0.00	0.00	0.00	0.00
BE 3_1	-0.13	-0.14	-0.14	-0.15	0.00	0.00
BE 3_2	-0.11	-0.11	-0.11	-0.12	0.00	0.00
GA 1_1	0.00	0.00	0.00	0.00	0.16	0.17
GA 2_1	0.00	0.00	0.00	0.00	0.16	0.17
GA 3_1	-0.06	-0.07	-0.07	-0.07	0.07	0.07
PS 1_1	0.00	0.00	0.00	0.00	0.00	0.00
PS 2_2	0.00	0.00	0.00	0.00	0.00	0.00
PS 3_3	-0.39	-0.41	-0.41	-0.44	0.00	0.00
TE 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TE 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TE 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TE 4_4	0.00	0.00	0.00	0.00	0.00	0.00
TE 5_5	0.00	0.00	0.00	0.00	0.00	0.00
TE 6_6	0.00	0.00	0.00	0.00	0.00	0.00
TE 7_7	0.00	0.00	0.00	0.00	0.00	0.00
TE 8_8	0.13	0.14	0.14	0.15	0.00	0.00
TE 9_9	0.00	0.00	0.00	0.00	0.00	0.00
TE 10_10	-0.12	0.00	0.00	0.00	0.00	0.00
TE 11_11	0.00	-0.13	0.00	0.00	0.00	0.00
TE 12_12	0.00	0.00	-0.13	0.00	0.00	0.00
TE 13_13	0.00	0.00	0.00	-0.15	0.00	0.00
TD 1_1	0.00	0.00	0.00	0.00	-0.13	0.00
TD 2_2	0.00	0.00	0.00	0.00	-0.01	-0.14
TD 3_3	0.00	0.00	0.00	0.00	-0.01	-0.01
TD 4_4	0.00	0.00	0.00	0.00	0.08	0.09

Correlation Matrix of Parameter Estimates

	LX 3_1	LX 4_1	BE 2_1	BE 3_1	BE 3_2	GA 1_1

LX 3_1	1.00					
LX 4_1	0.53	1.00				
BE 2_1	0.00	0.01	1.00			
BE 3_1	0.00	0.00	-0.10	1.00		
BE 3_2	0.00	0.00	-0.07	-0.18	1.00	
GA 1_1	0.17	0.20	-0.06	-0.07	0.00	1.00
GA 2_1	0.17	0.21	-0.35	0.06	-0.09	0.06
GA 3_1	0.07	0.08	0.07	-0.18	-0.53	0.00
PS 1_1	0.00	0.00	-0.07	-0.18	0.00	0.13
PS 2_2	0.00	0.00	0.07	0.06	-0.37	0.00
PS 3_3	0.00	0.00	0.01	0.11	-0.08	0.00
TE 1_1	0.00	0.00	0.03	0.06	0.00	-0.06
TE 2_2	0.00	0.00	0.00	0.00	0.00	0.01
TE 3_3	0.00	0.00	0.00	0.00	0.00	0.01
TE 4_4	0.00	0.00	0.00	0.00	0.00	0.01
TE 5_5	0.00	0.00	0.00	0.00	0.00	0.03
TE 6_6	0.00	0.00	-0.07	-0.04	0.31	0.00
TE 7_7	0.00	0.00	0.07	-0.01	-0.07	0.00
TE 8_8	0.00	0.00	0.00	-0.04	-0.03	0.00
TE 9_9	0.00	0.00	0.00	0.01	0.01	0.00
TE 10_10	0.00	0.00	0.00	0.01	0.00	0.00
TE 11_11	0.00	0.00	0.00	0.01	0.01	0.00
TE 12_12	0.00	0.00	0.00	0.01	0.01	0.00
TE 13_13	0.00	0.00	0.00	0.01	0.01	0.00
TD 1_1	0.00	0.05	0.00	0.00	0.00	0.00
TD 2_2	-0.01	0.06	0.00	0.00	0.00	0.00
TD 3_3	-0.14	0.06	0.00	0.00	0.00	0.00
TD 4_4	0.09	-0.25	-0.03	-0.01	-0.01	0.03

Correlation Matrix of Parameter Estimates

	GA 2_1	GA 3_1	PS 1_1	PS 2_2	PS 3_3	TE 1_1
GA 2_1	1.00					
GA 3_1	-0.08	1.00				
PS 1_1	0.00	0.01	1.00			
PS 2_2	0.17	0.14	0.00	1.00		
PS 3_3	0.01	0.15	0.00	0.04	1.00	
TE 1_1	0.00	0.00	-0.17	0.00	0.00	1.00
TE 2_2	0.00	0.00	0.01	0.00	0.00	-0.02

TE 3_3	0.00	0.00	0.02	0.00	0.00	-0.04
TE 4_4	0.00	0.00	0.01	0.00	0.00	-0.04
TE 5_5	0.00	-0.01	0.04	0.00	-0.01	-0.11
TE 6_6	-0.19	-0.10	0.00	-0.56	-0.05	0.00
TE 7_7	0.18	-0.03	0.00	0.25	-0.01	0.00
TE 8_8	0.00	-0.02	0.00	0.00	-0.13	0.00
TE 9_9	0.00	0.00	0.00	0.00	0.01	0.00
TE 10_10	0.00	0.00	0.00	0.00	0.00	0.00
TE 11_11	0.00	0.00	0.00	0.00	0.00	0.00
TE 12_12	0.00	0.00	0.00	0.00	0.00	0.00
TE 13_13	0.00	0.00	0.00	0.00	0.01	0.00
TD 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4_4	0.04	0.02	-0.01	-0.02	0.00	0.00

Correlation Matrix of Parameter Estimates

	TE 2_2	TE 3_3	TE 4_4	TE 5_5	TE 6_6	TE 7_7
TE 2_2	1.00					
TE 3_3	-0.02	1.00				
TE 4_4	-0.02	-0.03	1.00			
TE 5_5	-0.05	-0.09	-0.08	1.00		
TE 6_6	0.00	0.00	0.00	0.00	1.00	
TE 7_7	0.00	0.00	0.00	0.00	-0.42	1.00
TE 8_8	0.00	0.00	0.00	0.00	0.00	0.00
TE 9_9	0.00	0.00	0.00	0.00	0.00	0.00
TE 10_10	0.00	0.00	0.00	0.00	0.00	0.00
TE 11_11	0.00	0.00	0.00	0.00	0.00	0.00
TE 12_12	0.00	0.00	0.00	0.00	0.00	0.00
TE 13_13	0.00	0.00	0.00	0.00	0.00	0.00
TD 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4_4	0.00	0.00	0.00	0.00	0.00	0.00

Correlation Matrix of Parameter Estimates

	TE 8_8	TE 9_9	TE 10_10	TE 11_11	TE 12_12	TE 13_13

TE 8_8	1.00					
TE 9_9	-0.05	1.00				
TE 10_10	-0.03	-0.02	1.00			
TE 11_11	-0.03	-0.03	-0.02	1.00		
TE 12_12	-0.03	-0.03	-0.02	-0.02	1.00	
TE 13_13	-0.05	-0.04	-0.03	-0.03	-0.03	1.00
TD 1_1	0.00	0.00	0.00	0.00	0.00	0.00
TD 2_2	0.00	0.00	0.00	0.00	0.00	0.00
TD 3_3	0.00	0.00	0.00	0.00	0.00	0.00
TD 4_4	0.00	0.00	0.00	0.00	0.00	0.00

Correlation Matrix of Parameter Estimates

	TD 1_1	TD 2_2	TD 3_3	TD 4_4
TD 1_1	1.00			
TD 2_2	0.01	1.00		
TD 3_3	0.01	0.01	1.00	
TD 4_4	-0.17	-0.20	-0.20	1.00

Covariances

Y - ETA

	PQ1	PQ2	PQ3	PQ4	PQ5	BL1
PQ	0.70	0.57	0.66	0.74	0.77	0.29
BL	0.25	0.21	0.24	0.27	0.28	0.81
PI	0.36	0.30	0.34	0.39	0.40	0.46

Y - ETA

	BL2	PI1	PI2	PI3	PI4	PI5
PQ	0.26	0.40	0.41	0.40	0.41	0.38
BL	0.71	0.43	0.45	0.43	0.45	0.42
PI	0.40	0.75	0.79	0.75	0.78	0.73

Y - ETA

	PI6
PQ	0.39
BL	0.42
PI	0.74

Y - KSI

	PQ1	PQ2	PQ3	PQ4	PQ5	BL1
BA	0.27	0.22	0.26	0.29	0.30	0.44

Y - KSI

	BL2	PI1	PI2	PI3	PI4	PI5
BA	0.39	0.38	0.39	0.38	0.39	0.36

Y - KSI

	PI6
BA	0.37

X - ETA

	BA1	BA2	BA3	BA4
PQ	0.32	0.32	0.28	0.38
BL	0.44	0.45	0.39	0.53
PI	0.40	0.41	0.35	0.48

X - KSI

	BA1	BA2	BA3	BA4
BA	0.81	0.82	0.71	0.97

First Order Derivatives

LAMBDA-Y

	PQ	BL	PI
PQ1	0.00	0.10	0.09
PQ2	0.00	-0.04	-0.15
PQ3	0.00	0.04	0.11
PQ4	0.00	-0.21	-0.13
PQ5	0.00	0.10	0.06
BL1	0.08	0.00	-0.02
BL2	-0.09	0.00	0.03
PI1	0.08	0.15	0.00
PI2	-0.03	0.07	0.00
PI3	0.00	-0.18	0.00
PI4	0.00	-0.11	0.00
PI5	-0.05	0.08	0.00
PI6	0.00	-0.01	0.00

LAMBDA-X

	BA
BA1	0.00
BA2	0.00
BA3	0.00
BA4	0.00

BETA

	PQ	BL	PI
PQ	0.00	0.00	0.00
BL	0.00	0.00	0.00
PI	0.00	0.00	0.00

GAMMA

	BA

PQ 0.00
BL 0.00
PI 0.00

PHI

	BA
	0.00

PSI

	PQ	BL	PI
PQ	0.00		
BL	0.00	0.00	
PI	0.00	0.00	0.00

THETA-EPS

	PQ1	PQ2	PQ3	PQ4	PQ5	BL1
PQ1	0.00					
PQ2	-0.22	0.00				
PQ3	0.12	-0.04	0.00			
PQ4	0.21	0.26	-0.19	0.00		
PQ5	-0.24	0.16	0.01	-0.05	0.00	
BL1	0.13	-0.01	-0.15	-0.07	0.24	0.00
BL2	-0.02	0.21	0.15	-0.13	-0.32	0.00
PI1	0.23	0.00	-0.10	0.30	-0.35	-0.18
PI2	-0.17	-0.18	-0.04	-0.04	0.28	0.12
PI3	-0.13	0.07	0.17	-0.10	0.08	-0.09
PI4	-0.15	-0.02	-0.15	0.06	0.26	-0.26
PI5	0.28	0.06	0.02	-0.19	-0.24	0.37
PI6	0.09	-0.19	0.33	-0.09	-0.14	-0.07

THETA-EPS

	BL2	PI1	PI2	PI3	PI4	PI5
BL2	0.00					

PI1	0.40	0.00				
PI2	0.00	0.45	0.00			
PI3	-0.20	0.81	0.86	0.00		
PI4	0.12	0.58	-0.98	-1.08	0.00	
PI5	-0.25	-0.82	0.24	-0.94	0.84	0.00
PI6	0.06	-1.41	-0.59	0.57	0.86	0.59

THETA-EPS

	PI6
PI6	0.00

THETA-DELTA-EPS

	PQ1	PQ2	PQ3	PQ4	PQ5	BL1
BA1	0.28	0.09	-0.04	-0.41	-0.05	0.02
BA2	-0.37	-0.25	0.07	0.39	0.07	-0.09
BA3	0.09	0.33	0.27	-0.07	-0.51	0.45
BA4	-0.03	-0.33	-0.24	-0.10	0.75	-0.25

THETA-DELTA-EPS

	BL2	PI1	PI2	PI3	PI4	PI5
BA1	-0.10	0.07	-0.06	-0.02	0.18	-0.25
BA2	0.05	0.43	-0.27	-0.25	-0.84	0.37
BA3	-0.64	0.04	0.52	-0.43	-0.06	0.11
BA4	0.48	-0.22	-0.06	0.37	0.50	-0.18

THETA-DELTA-EPS

	PI6
BA1	-0.02
BA2	0.58
BA3	-0.50
BA4	-0.10

THETA-DELTA

	BA1	BA2	BA3	BA4
BA1	0.00			
BA2	0.22	0.00		
BA3	0.34	-0.16	0.00	
BA4	-0.32	-0.02	0.03	0.00

Factor Scores Regressions

ETA

	PQ1	PQ2	PQ3	PQ4	PQ5	BL1
PQ	0.27	0.16	0.23	0.20	0.38	0.00
BL	0.01	0.00	0.00	0.00	0.01	0.43
PI	0.01	0.01	0.01	0.01	0.02	0.02

ETA

	BL2	PI1	PI2	PI3	PI4	PI5
PQ	0.00	0.01	0.01	0.01	0.01	0.01
BL	0.37	0.04	0.03	0.02	0.03	0.03
PI	0.02	0.24	0.20	0.15	0.16	0.17

ETA

	PI6	BA1	BA2	BA3	BA4
PQ	0.01	0.00	0.00	0.00	0.01
BL	0.04	0.02	0.02	0.03	0.07
PI	0.22	0.00	0.01	0.01	0.02

KSI

	PQ1	PQ2	PQ3	PQ4	PQ5	BL1
BA	0.01	0.00	0.00	0.00	0.01	0.02

KSI

	BL2	PI1	PI2	PI3	PI4	PI5
BA	0.02	0.01	0.01	0.00	0.01	0.01

KSI

	PI6	BA1	BA2	BA3	BA4
BA	0.01	0.14	0.16	0.19	0.51

Standardized Solution

LAMBDA-Y

	PQ	BL	PI
PQ1	0.70	- -	- -
PQ2	0.57	- -	- -
PQ3	0.66	- -	- -
PQ4	0.74	- -	- -
PQ5	0.77	- -	- -
BL1	- -	0.81	- -
BL2	- -	0.71	- -
PI1	- -	- -	0.76
PI2	- -	- -	0.79
PI3	- -	- -	0.76
PI4	- -	- -	0.79
PI5	- -	- -	0.73
PI6	- -	- -	0.75

LAMBDA-X

	BA
BA1	0.81
BA2	0.82

BA3	0.71
BA4	0.97

BETA

	PQ	BL	PI
PQ	- -	- -	- -
BL	0.17	- -	- -
PI	0.32	0.36	- -

GAMMA

	BA
PQ	0.39
BL	0.48
PI	0.18

Correlation Matrix of ETA and KSI

	PQ	BL	PI	BA
PQ	1.00			
BL	0.36	1.00		
PI	0.52	0.57	1.00	
BA	0.39	0.55	0.50	1.00

PSI

Note: This matrix is diagonal.

PQ	BL	PI
0.85	0.68	0.54

Regression Matrix ETA on KSI (Standardized)

	BA
PQ	0.39
BL	0.55

PI 0.50

Total and Indirect Effects

Total Effects of KSI on ETA

	BA
PQ	0.39
	(0.08)
	5.05
BL	0.55
	(0.09)
	6.15
PI	0.50
	(0.08)
	6.59

Indirect Effects of KSI on ETA

	BA
PQ	- -
BL	0.07
	(0.04)
	1.89
PI	0.32
	(0.07)
	4.69

Total Effects of ETA on ETA

	PQ	BL	PI
PQ	- -	- -	- -
BL	0.17	- -	- -
	(0.09)		
	1.98		
PI	0.38	0.35	- -

	(0.08)	(0.10)	
	5.10	3.56	

Largest Eigenvalue of B*B' (Stability Index) is 0.244

Indirect Effects of ETA on ETA

	PQ	BL	PI
PQ	- -	- -	- -
BL	- -	- -	- -
PI	0.06	- -	- -
	(0.03)		
	1.78		

Total Effects of ETA on Y

	PQ	BL	PI
PQ1	0.70	- -	- -
PQ2	0.57	- -	- -
	(0.05)		
	10.45		
PQ3	0.66	- -	- -
	(0.05)		
	12.03		
PQ4	0.74	- -	- -
	(0.06)		
	11.94		
PQ5	0.77	- -	- -
	(0.06)		
	13.77		
BL1	0.14	0.81	- -
	(0.07)		
	1.98		
BL2	0.12	0.71	- -
	(0.06)	(0.10)	
	1.97	6.99	
PI1	0.29	0.27	0.76
	(0.06)	(0.08)	
	5.10	3.56	

PI2	0.30	0.28	0.79
	(0.06)	(0.08)	(0.06)
	5.08	3.55	13.91
PI3	0.29	0.27	0.76
	(0.06)	(0.08)	(0.06)
	5.00	3.53	12.55
PI4	0.30	0.28	0.79
	(0.06)	(0.08)	(0.06)
	5.04	3.54	13.06
PI5	0.28	0.26	0.73
	(0.06)	(0.07)	(0.06)
	5.03	3.54	13.03
PI6	0.29	0.27	0.75
	(0.06)	(0.07)	(0.05)
	5.09	3.55	13.99

Indirect Effects of ETA on Y

	PQ	BL	PI
PQ1	- -	- -	- -
PQ2	- -	- -	- -
PQ3	- -	- -	- -
PQ4	- -	- -	- -
PQ5	- -	- -	- -
BL1	0.14	- -	- -
	(0.07)		
	1.98		
BL2	0.12	- -	- -
	(0.06)		
	1.97		
PI1	0.29	0.27	- -
	(0.06)	(0.08)	
	5.10	3.56	
PI2	0.30	0.28	- -
	(0.06)	(0.08)	
	5.08	3.55	
PI3	0.29	0.27	- -
	(0.06)	(0.08)	
	5.00	3.53	
PI4	0.30	0.28	- -

	(0.06)	(0.08)	
	5.04	3.54	
PI5	0.28	0.26	- -
	(0.06)	(0.07)	
	5.03	3.54	
PI6	0.29	0.27	- -
	(0.06)	(0.07)	
	5.09	3.55	

Total Effects of KSI on Y

	BA

PQ1	0.27
	(0.05)
	5.05
PQ2	0.22
	(0.05)
	4.87
PQ3	0.26
	(0.05)
	5.01
PQ4	0.29
	(0.06)
	5.00
PQ5	0.30
	(0.06)
	5.13
BL1	0.44
	(0.07)
	6.15
BL2	0.39
	(0.07)
	5.84
PI1	0.38
	(0.06)
	6.59
PI2	0.39
	(0.06)
	6.55
PI3	0.38

	(0.06)
	6.39
PI4	0.39
	(0.06)
	6.45
PI5	0.36
	(0.06)
	6.45
PI6	0.37
	(0.06)
	6.56

Standardized Total and Indirect Effects

Standardized Total Effects of KSI on ETA

	BA
PQ	0.39
BL	0.55
PI	0.50

Standardized Indirect Effects of KSI on ETA

	BA
PQ	- -
BL	0.07
PI	0.32

Standardized Total Effects of ETA on ETA

	PQ	BL	PI
PQ	- -	- -	- -
BL	0.17	- -	- -
PI	0.39	0.36	- -

Standardized Indirect Effects of ETA on ETA

	PQ	BL	PI
PQ	- -	- -	- -
BL	- -	- -	- -
PI	0.06	- -	- -

Standardized Total Effects of ETA on Y

	PQ	BL	PI
PQ1	0.70	- -	- -
PQ2	0.57	- -	- -
PQ3	0.66	- -	- -
PQ4	0.74	- -	- -
PQ5	0.77	- -	- -
BL1	0.14	0.81	- -
BL2	0.12	0.71	- -
PI1	0.29	0.27	0.76
PI2	0.30	0.28	0.79
PI3	0.29	0.27	0.76
PI4	0.30	0.28	0.79
PI5	0.28	0.26	0.73
PI6	0.29	0.27	0.75

Standardized Indirect Effects of ETA on Y

	PQ	BL	PI
PQ1	- -	- -	- -
PQ2	- -	- -	- -
PQ3	- -	- -	- -
PQ4	- -	- -	- -
PQ5	- -	- -	- -
BL1	0.14	- -	- -
BL2	0.12	- -	- -
PI1	0.29	0.27	- -
PI2	0.30	0.28	- -
PI3	0.29	0.27	- -
PI4	0.30	0.28	- -
PI5	0.28	0.26	- -

PI6	0.29	0.27	- -

Standardized Total Effects of KSI on Y

	BA

PQ1	0.27
PQ2	0.22
PQ3	0.26
PQ4	0.29
PQ5	0.30
BL1	0.44
BL2	0.39
PI1	0.38
PI2	0.39
PI3	0.38
PI4	0.39
PI5	0.36
PI6	0.37

Time used: 0.125 Seconds