

Lampiran 2 Hasil Kuesioner

No.	X11	X12	X13	X14	X15	X16	X17	X21
1	3	4	3	3	4	3	4	4
2	2	3	2	2	4	2	3	3
3	3	4	3	3	2	3	4	4
4	2	2	1	2	2	2	2	2
5	3	3	3	3	4	3	3	3
6	2	2	2	2	2	2	2	2
7	3	4	3	3	4	3	4	4
8	4	4	3	3	3	4	4	4
9	4	4	3	3	4	4	4	4
10	2	3	2	2	2	2	3	3
11	3	4	3	3	5	3	4	4
12	2	2	1	2	2	2	2	2
13	5	5	5	4	5	5	5	5
14	4	4	3	3	2	4	4	4
15	3	5	4	3	5	3	5	5
16	2	3	2	2	2	2	3	3
17	5	5	4	4	5	5	5	5
18	1	2	1	1	1	1	2	2
19	4	5	4	4	5	4	5	5
20	3	4	3	3	4	3	4	4
21	3	3	3	3	3	3	3	4
22	3	4	3	2	4	3	4	4
23	4	5	4	4	5	4	5	5
24	3	4	3	2	3	3	4	4
25	3	4	3	3	4	3	4	4
26	3	4	3	2	4	3	4	4
27	3	4	3	2	4	3	4	4
28	3	4	3	3	4	3	4	4
29	4	5	4	4	5	4	5	5
30	2	2	2	2	2	2	2	2
31	4	5	4	4	5	4	5	5
32	2	3	2	2	3	2	3	3
33	3	2	3	3	2	3	2	2
34	2	3	2	3	3	2	3	3
35	3	4	3	3	4	3	4	4
36	2	3	2	2	3	2	3	3
37	3	4	3	3	4	3	4	4
38	3	4	3	2	4	3	4	4

Lampiran 2 (lanjutan)

No.	X11	X12	X13	X14	X15	X16	X17	X21
39	3	4	3	3	4	3	4	4
40	3	4	3	4	4	3	4	4
41	3	4	3	3	4	3	4	4
42	1	2	1	2	2	1	2	2
43	4	5	4	2	5	4	5	5
44	2	2	2	2	2	2	2	2
45	3	4	3	4	4	3	4	4
46	2	3	2	2	3	2	3	3
47	3	4	3	3	4	3	4	4
48	2	2	1	2	2	2	2	2
49	3	3	3	4	3	3	3	3
50	2	3	2	3	3	2	3	3
51	3	3	3	3	3	3	3	3
52	3	4	3	2	4	3	4	4
53	3	3	3	3	3	3	3	3
54	3	2	3	3	2	3	2	2
55	4	5	4	4	5	4	5	5
56	2	3	2	3	3	2	3	3
57	3	4	3	3	4	3	4	4
58	3	4	3	3	4	3	4	4
59	3	4	3	3	4	3	4	4
60	3	4	3	4	4	3	4	4
61	4	4	4	4	4	4	4	4
62	3	4	3	4	3	3	4	4
63	4	5	4	5	4	4	5	5
64	3	4	3	4	3	3	4	4
65	4	5	4	5	4	4	5	5
66	3	4	3	4	3	3	4	4
67	3	4	3	4	3	3	4	4
68	3	3	3	3	3	3	3	3
69	4	5	4	5	4	4	5	5
70	3	4	3	4	3	3	4	4
71	3	4	3	4	3	3	4	4
72	3	4	3	4	3	3	4	4
73	4	5	4	5	4	4	5	5
74	1	2	1	2	1	1	2	2
75	4	5	4	5	4	4	5	5
76	1	2	1	2	1	1	2	2

Lampiran 2 (lanjutan)

No.	X11	X12	X13	X14	X15	X16	X17	X21
77	4	5	4	5	4	4	3	5
78	1	3	1	3	1	2	1	2
79	2	3	2	3	2	2	3	3
80	2	3	2	3	2	2	4	3
81	4	5	4	5	4	4	4	5
82	3	4	3	4	3	3	2	4
83	4	5	4	5	4	4	3	5
84	3	4	3	4	3	3	4	4
85	3	4	3	4	3	4	3	4
86	2	2	2	2	2	2	2	2
87	3	4	3	4	3	3	4	4
88	3	4	3	4	3	3	3	4
89	4	4	4	4	4	4	4	4
90	4	4	4	4	4	4	4	4
91	4	5	4	5	5	4	5	5
92	3	4	3	4	4	3	4	4
93	3	4	3	4	4	3	4	4
94	3	4	3	4	3	3	4	4
95	3	4	3	4	3	3	4	4
96	3	4	3	4	3	3	4	4
97	4	5	4	5	5	4	5	5
98	3	4	3	4	3	3	4	4
99	4	5	4	5	5	4	5	5
100	3	4	3	4	3	3	4	3
101	4	5	4	5	5	4	5	5
102	3	4	3	4	4	3	4	4
103	4	5	4	5	4	4	5	5
104	3	4	3	4	4	3	4	4
105	4	5	4	5	5	4	5	5
106	3	4	3	4	4	3	4	4
107	4	5	4	5	5	4	5	5
108	3	4	3	4	4	3	4	4
109	4	5	4	5	5	4	5	5
110	3	4	3	4	4	3	4	4
111	4	5	4	5	5	4	5	5
112	3	4	3	4	4	3	4	4
113	4	5	4	5	4	4	5	5
114	1	2	1	2	2	1	2	2

Lampiran 2 (lanjutan)

No.	X11	X12	X13	X14	X15	X16	X17	X21
115	3	4	3	4	2	3	4	4
116	2	3	2	3	2	2	3	3
117	4	5	4	5	5	4	5	5
118	2	3	2	3	4	2	3	3
119	4	5	4	5	3	4	5	5
120	2	3	2	3	3	2	3	3
121	4	5	4	5	4	4	5	5
122	3	4	3	4	4	3	4	4
123	4	5	4	5	3	4	5	5
124	3	4	3	4	4	3	4	4
125	4	5	4	5	5	4	5	5
126	3	4	3	4	3	3	4	4
127	4	5	4	5	5	4	5	5
128	3	4	3	4	4	3	4	4
129	4	5	4	5	4	4	5	5
130	3	4	3	4	4	3	4	4
131	4	5	4	5	3	4	5	5
132	3	4	3	4	2	3	4	4
133	3	5	3	5	4	4	5	5
134	3	4	3	4	3	3	4	4
135	3	4	3	4	4	4	4	4
136	3	4	3	4	4	3	4	4
137	4	5	4	5	5	4	5	5
138	3	4	3	4	4	3	4	4
139	4	5	4	5	5	4	5	5
140	3	4	3	4	4	3	4	4
141	4	5	4	5	5	4	5	5
142	3	4	3	4	4	3	4	4
143	4	5	4	5	5	4	5	5
144	3	4	3	4	4	3	4	4
145	4	5	4	5	5	4	5	5
146	3	4	3	4	4	3	4	4
147	4	5	4	5	5	4	5	5

Lampiran 2 (lanjutan)

No.	X31	X32	X33	Y11	Y12	Y13	Y14	Y15
1	3	2	4	5	5	5	5	5
2	3	4	4	4	4	4	4	4
3	4	5	5	2	2	3	3	2
4	2	2	1	2	2	1	2	2
5	4	3	5	3	3	3	3	3
6	1	2	2	4	4	3	3	4
7	4	3	5	5	5	5	4	5
8	1	2	2	4	4	4	4	4
9	2	3	3	3	3	2	3	3
10	3	4	4	4	4	3	4	4
11	3	5	5	5	5	5	5	5
12	1	2	2	4	4	4	4	4
13	2	3	3	3	3	3	3	3
14	3	4	4	2	2	4	4	2
15	4	5	5	5	5	5	5	5
16	2	3	3	4	4	3	4	4
17	3	2	4	5	5	5	5	5
18	2	2	3	1	1	1	1	1
19	3	4	4	5	5	4	4	5
20	3	4	4	4	4	3	3	4
21	2	3	3	3	3	2	3	3
22	3	4	3	4	4	4	4	4
23	4	4	4	5	5	5	5	5
24	3	3	3	1	1	4	3	1
25	4	5	5	2	2	3	2	2
26	2	4	4	2	2	2	1	2
27	2	3	3	2	2	2	2	2
28	3	4	4	4	4	4	4	4
29	2	3	3	5	5	5	5	5
30	1	2	2	3	3	1	2	3
31	4	5	5	5	5	4	4	5
32	3	4	4	3	3	1	2	3
33	2	3	3	5	5	4	4	5
34	2	4	4	2	2	1	2	2
35	3	4	4	4	4	4	5	4
36	2	3	3	1	1	1	1	1
37	4	5	5	2	2	3	3	2
38	2	4	4	3	3	1	2	3

Lampiran 2 (lanjutan)

No.	X31	X32	X33	Y11	Y12	Y13	Y14	Y15
39	3	5	5	4	4	5	4	4
40	1	2	2	4	4	4	4	4
41	3	5	5	2	2	2	2	2
42	2	3	3	1	1	1	1	1
43	2	3	3	2	4	2	3	4
44	3	4	3	2	2	2	1	2
45	4	5	4	4	4	4	4	4
46	1	2	2	4	3	4	4	3
47	4	5	5	2	4	2	3	4
48	4	4	3	1	2	1	2	2
49	3	3	3	4	4	4	5	4
50	3	2	2	2	1	2	2	1
51	3	4	4	2	2	2	3	2
52	2	3	3	3	3	3	2	3
53	3	5	5	4	5	4	4	5
54	1	2	2	4	2	4	4	2
55	4	5	5	3	2	3	5	2
56	3	4	4	5	5	5	5	5
57	4	5	4	5	5	5	5	5
58	3	4	3	3	2	3	4	2
59	4	5	4	4	4	4	5	4
60	3	4	2	5	5	5	5	5
61	3	4	4	2	2	2	2	2
62	2	3	3	3	3	3	2	3
63	4	5	5	5	4	5	4	5
64	3	4	4	4	5	4	4	4
65	4	3	3	5	4	5	5	5
66	3	4	4	5	5	5	5	5
67	4	5	5	3	3	3	3	3
68	3	4	3	4	5	4	4	4
69	4	5	4	2	2	2	2	2
70	3	4	3	2	3	2	2	2
71	4	5	4	3	3	3	3	3
72	3	3	2	4	5	4	5	4
73	4	5	3	5	5	5	5	5
74	3	2	2	2	2	2	2	2
75	4	5	5	3	2	3	3	3
76	1	2	2	5	4	5	4	5

Lampiran 2 (lanjutan)

No.	X31	X32	X33	Y11	Y12	Y13	Y14	Y15
77	4	5	5	5	5	5	5	5
78	2	3	3	5	2	5	4	5
79	3	2	2	3	3	3	2	3
80	1	2	2	3	4	3	3	3
81	4	5	5	4	5	4	4	4
82	3	4	3	4	5	4	4	4
83	4	4	4	5	5	5	5	5
84	3	3	3	5	5	5	5	5
85	4	4	3	5	5	5	5	5
86	2	4	2	2	3	3	2	3
87	2	3	3	3	2	3	3	3
88	3	4	4	3	2	3	3	3
89	2	3	3	2	2	2	2	2
90	4	4	4	5	5	5	5	5
91	4	5	5	4	5	5	4	3
92	3	4	4	5	4	5	5	4
93	4	5	5	3	5	4	3	3
94	3	4	4	4	3	3	4	4
95	3	2	2	3	3	3	3	4
96	4	4	4	5	3	5	5	5
97	5	5	5	3	3	3	3	5
98	4	4	4	5	5	5	5	4
99	3	4	4	4	4	3	4	2
100	3	4	4	5	5	3	5	3
101	4	5	5	3	3	4	3	4
102	3	4	4	5	5	5	5	4
103	3	4	4	5	5	4	5	4
104	3	4	4	5	5	4	5	5
105	4	5	5	5	5	5	5	4
106	4	4	4	5	5	5	5	4
107	2	3	3	5	5	5	5	3
108	4	4	4	3	3	3	3	3
109	4	5	5	4	3	5	4	4
110	3	4	4	4	4	4	4	4
111	5	5	5	4	3	2	4	5
112	3	4	4	4	3	2	4	3
113	5	5	5	5	4	3	5	4
114	3	4	4	4	4	3	4	5

Lampiran 2 (lanjutan)

No.	X31	X32	X33	Y11	Y12	Y13	Y14	Y15
115	3	5	5	3	4	2	3	5
116	2	3	3	3	3	4	3	3
117	4	5	5	4	4	4	4	4
118	2	4	4	2	3	4	2	4
119	4	5	5	4	2	3	4	3
120	4	4	4	4	4	3	4	4
121	4	5	5	4	5	3	4	4
122	4	4	4	4	5	3	4	4
123	4	5	5	4	4	3	4	4
124	3	4	4	3	4	2	3	3
125	4	5	5	4	5	4	3	4
126	3	4	4	4	4	4	3	4
127	4	5	5	5	5	4	5	5
128	3	4	4	4	4	3	4	4
129	4	5	5	3	4	3	2	3
130	3	4	4	4	4	3	4	4
131	4	5	5	4	5	4	5	4
132	3	4	4	3	2	3	4	3
133	3	5	5	3	3	4	3	3
134	3	4	4	5	5	4	5	5
135	4	5	5	4	3	4	4	4
136	3	4	4	4	4	3	2	4
137	4	5	5	4	3	4	4	4
138	4	4	4	4	5	3	4	4
139	4	5	5	4	3	4	4	4
140	4	4	4	4	3	4	4	4
141	5	5	5	3	2	3	3	3
142	4	4	4	4	4	5	3	4
143	3	5	5	4	5	3	4	4
144	3	4	4	5	3	2	4	5
145	5	5	5	5	5	3	5	5
146	2	4	4	5	5	4	3	5
147	4	5	5	3	4	2	3	3

Lampiran 2 (lanjutan)

No.	Y21	Y22	Y23	Y31	Y32	Y33	Y41	Y42	Y43
1	5	5	5	5	5	5	5	5	5
2	5	5	5	5	5	5	5	5	5
3	5	5	3	5	2	2	3	3	3
4	5	4	2	5	2	2	4	3	4
5	5	5	3	5	5	5	3	4	3
6	3	5	3	3	3	3	5	5	5
7	5	3	5	5	4	4	5	5	5
8	5	5	5	5	5	5	5	5	5
9	4	3	3	4	4	4	2	3	2
10	5	5	4	5	4	4	5	5	5
11	5	5	4	5	5	5	5	5	5
12	5	5	3	5	3	3	5	4	5
13	3	2	4	3	4	4	5	5	5
14	5	5	4	5	5	5	5	5	5
15	5	5	4	5	4	4	5	5	5
16	4	5	4	4	4	4	5	5	5
17	5	4	5	5	5	5	5	5	5
18	4	3	2	4	3	3	2	3	2
19	4	5	4	4	5	5	5	4	5
20	5	4	5	5	5	5	5	5	5
21	2	3	3	2	3	3	2	2	2
22	5	5	4	5	5	5	5	5	5
23	4	4	5	4	5	5	5	5	5
24	5	5	5	5	5	5	3	4	3
25	3	4	4	3	5	5	3	2	3
26	2	2	5	2	5	5	2	2	2
27	3	3	3	3	4	4	4	3	4
28	5	4	2	5	3	3	5	5	5
29	4	4	4	4	5	5	5	5	5
30	3	5	3	3	5	5	4	3	4
31	4	5	5	4	5	5	5	4	5
32	4	3	2	4	3	3	2	3	2
33	3	3	2	3	3	3	3	2	3
34	3	5	4	3	5	5	3	3	3
35	5	5	4	5	4	4	3	3	3
36	3	2	3	3	3	3	2	3	2
37	3	3	3	3	3	3	2	3	2
38	3	3	3	3	4	4	2	2	2

Lampiran 2 (lanjutan)

No.	Y21	Y22	Y23	Y31	Y32	Y33	Y41	Y42	Y43
39	5	5	2	5	4	4	2	3	2
40	5	5	4	5	5	5	2	3	2
41	3	3	2	3	2	2	3	2	3
42	2	3	3	2	3	3	3	3	3
43	2	2	3	2	2	2	3	3	3
44	3	3	2	3	3	3	3	3	3
45	5	4	3	5	2	2	2	2	2
46	4	4	5	4	5	5	3	3	3
47	3	2	3	3	3	3	3	3	3
48	3	2	2	3	3	3	2	3	2
49	5	5	2	5	2	2	2	2	2
50	3	4	4	3	4	4	3	3	3
51	3	3	3	3	3	4	3	4	3
52	1	2	2	3	3	3	2	4	2
53	3	3	3	3	3	3	2	3	2
54	4	4	4	3	3	3	3	3	3
55	3	3	3	3	3	4	2	3	2
56	4	3	3	5	5	5	4	3	4
57	5	4	4	4	4	4	4	5	4
58	3	3	3	5	5	4	3	4	3
59	5	5	5	5	5	4	5	5	5
60	4	4	4	4	4	4	3	2	3
61	5	4	4	3	3	3	3	5	5
62	4	2	2	3	3	3	5	5	5
63	3	3	3	5	5	5	5	5	5
64	4	4	4	5	5	5	4	5	5
65	5	5	5	5	5	5	5	4	4
66	4	3	3	5	5	5	4	4	4
67	3	5	5	3	3	3	2	3	3
68	4	4	4	4	2	4	2	3	3
69	2	4	4	3	3	3	3	3	3
70	3	4	4	3	5	3	5	3	3
71	3	4	4	3	4	3	3	3	3
72	3	3	3	5	5	5	5	5	5
73	5	5	5	4	5	4	4	5	5
74	2	2	2	3	4	3	4	3	3
75	5	5	5	3	3	3	3	2	2
76	1	3	3	2	2	2	2	3	3

Lampiran 2 (lanjutan)

No.	Y21	Y22	Y23	Y31	Y32	Y33	Y41	Y42	Y43
77	4	3	3	5	3	5	3	3	3
78	3	2	2	3	3	3	3	2	2
79	3	3	3	3	3	3	3	4	4
80	3	3	3	3	4	3	3	3	3
81	3	5	5	5	5	5	5	5	5
82	4	4	4	5	4	5	5	5	5
83	5	4	4	5	5	5	5	4	4
84	4	4	4	5	5	5	5	5	5
85	5	5	5	3	4	3	4	3	3
86	3	3	3	3	3	3	2	3	3
87	3	3	3	3	2	3	2	2	2
88	4	3	3	5	4	5	3	3	3
89	4	3	3	3	3	3	3	3	3
90	4	4	4	5	5	5	3	4	4
91	3	5	5	5	5	5	3	3	3
92	4	3	3	5	5	5	3	3	3
93	3	5	5	5	4	5	2	2	2
94	3	3	3	3	3	3	2	2	2
95	4	5	5	4	3	4	3	2	2
96	3	2	2	3	5	3	3	3	3
97	5	4	4	5	5	5	2	2	2
98	4	3	3	5	3	5	3	3	3
99	4	3	3	4	5	4	3	2	4
100	3	4	4	5	4	5	2	3	4
101	4	4	4	4	3	4	5	5	4
102	4	4	4	4	4	4	5	5	4
103	3	3	3	5	3	5	5	3	4
104	4	4	4	4	3	4	5	3	4
105	4	4	4	5	5	5	5	4	4
106	4	4	4	4	4	4	5	5	4
107	3	3	3	5	4	5	4	4	4
108	4	4	4	4	4	4	3	2	4
109	5	5	5	5	5	5	3	4	4
110	5	5	5	4	4	4	4	5	4
111	4	4	4	5	5	5	5	3	4
112	3	3	3	3	3	3	5	5	4
113	4	4	4	4	5	4	5	5	2
114	4	4	4	3	1	3	4	3	3

Lampiran 2 (lanjutan)

No.	Y21	Y22	Y23	Y31	Y32	Y33	Y41	Y42	Y43
115	3	3	3	4	5	4	3	3	3
116	4	4	4	2	2	2	4	4	4
117	5	5	5	3	4	3	3	3	3
118	5	5	5	3	3	3	3	3	4
119	4	4	4	4	4	4	3	3	3
120	4	4	4	3	2	3	3	5	4
121	5	5	5	4	3	4	2	4	4
122	4	4	4	4	3	4	4	4	4
123	4	4	4	4	5	4	3	3	4
124	3	3	3	4	3	4	2	3	4
125	5	5	5	5	3	5	5	3	4
126	4	4	4	4	4	4	3	4	4
127	5	5	5	5	5	5	5	3	4
128	4	4	4	4	4	4	3	4	4
129	4	4	4	3	5	3	5	5	4
130	4	4	4	4	4	4	5	5	4
131	4	4	4	5	4	5	5	5	4
132	3	3	3	3	3	3	5	4	3
133	4	4	4	3	3	3	5	3	4
134	5	5	5	3	4	3	5	4	3
135	4	4	4	5	4	5	4	5	4
136	4	4	4	4	3	4	4	3	4
137	4	4	4	3	4	3	3	5	4
138	5	5	5	3	3	3	3	5	4
139	4	4	4	5	5	5	5	2	4
140	4	4	4	4	4	4	5	4	4
141	3	3	3	4	5	4	4	3	4
142	4	4	4	2	4	2	5	4	4
143	5	5	5	5	5	5	3	3	4
144	2	2	2	3	4	3	3	4	4
145	5	5	5	5	5	5	4	5	4
146	4	4	4	3	4	3	3	3	4
147	4	4	4	5	5	5	3	4	4

Lampiran 3 Karakteristik Responden

Lokasi	Jumlah koresponden	Presentase
Carrefour Golden City Mall	18	12.24
Carrefour ITC Mega Grosir	19	12.93
Carrefour Kalimas	21	14.29
Hypermart Royal Plaza	22	14.97
Hypermart PTC	23	15.65
Giant Diponegoro	20	13.61
Giant Ahmad Yani	24	16.33
Total	147	100%

Jenis Kelamin	Jumlah Koresponden	Presentase
Perempuan	103	70.07
Laki-laki	44	29.93
Total	147	100

Pendidikan	Jumlah Koresponden	Presentase
SMU/SMK	33	22.45
Diploma	19	12.93
S1	53	36.05
S2/S3	13	8.84
Lainnya	29	19.73
Total	147	100

Pengeluaran/bulan	Jumlah Koresponden	Presentase
Kurang dari 2.000.000	17	11.56
2.000.000-2.999.999	46	31.29
3.000.000-3.999.999	37	25.17
4.000.000-4.999.999	25	17.01
Lebih dari 5.000.000	22	14.97
Total	147	100

Lampiran 3 (lanjutan)

Frekuensi Belanja	Jumlah Koresponden	Presentase
Kurang dari 2 kali	31	21.09
2 Kali	42	28.57
3 Kali	29	19.73
4 Kali	24	16.33
Lebih dari 4 kali	21	14.29
Total	147	100

Pengetahuan YKLI	Jumlah Koresponden	Presentase
Tahu	51	34.69
Tidak Tahu	96	65.31
Total	147	100

Lampiran 4 Uji Validitas

Indikator	Standardized Loading	Cut Off	Keterangan
X1			
X11	0.89	> 0,7	Valid
X12	0.99	> 0,7	Valid
X13	0.92	> 0,7	Valid
X14	0.8	> 0,7	Valid
X15	0.81	> 0,7	Valid
X16	0.89	> 0,7	Valid
X17	0.93	> 0,7	Valid
X2			
X21	0.99	> 0,7	Valid
X3			
X31	0.81	> 0,7	Valid
X32	0.92	> 0,7	Valid
X33	0.91	> 0,7	Valid
Y1			
Y11	0.97	> 0,7	Valid
Y12	0.83	> 0,7	Valid
Y13	0.79	> 0,7	Valid
Y14	0.87	> 0,7	Valid
Y15	0.86	> 0,7	Valid
Y2			
Y21	0.74	> 0,7	Valid
Y22	0.9	> 0,7	Valid
Y23	0.74	> 0,7	Valid
Y3			
Y31	0.71	> 0,7	Valid
Y32	0.77	> 0,7	Valid
Y33	0.94	> 0,7	Valid
Y4			
Y41	0.82	> 0,7	Valid
Y42	0.79	> 0,7	Valid
Y43	0.92	> 0,7	Valid

Lampiran 5 Uji Reliabilitas

[illegible]

Lampiran 6 Uji Normalitas

DATE: 06/08/2013

TIME: 09:27

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:\Imel\Hasil.PR2:

!PRELIS SYNTAX: Can be edited

SY='D:\Imel\Hasil.PSF'

NS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

OU MA=CM RA=d:\Imel\Hasil_ns.psf XT

Total Sample Size = 147

Univariate Summary Statistics for Continuous Variables

Variable	Mean	St. Dev.	T-Value	Skewness	Kurtosis	Minimum	Freq.	Maximum	Freq.
X11	3.102	0.809	46.510	-0.117	0.024	1.232	6	5.332	2
X12	3.952	0.902	53.153	-0.246	-0.662	2.215	14	5.115	42
X13	3.061	0.829	44.746	-0.150	-0.086	1.283	9	5.573	1
X14	3.639	1.027	42.980	-0.163	-0.638	0.604	1	5.089	33
X15	3.585	1.026	42.365	-0.178	-0.412	1.095	4	5.148	27
X16	3.129	0.805	47.147	-0.137	-0.018	1.206	5	5.347	2
X17	3.884	0.940	50.096	-0.272	-0.438	1.063	1	5.132	39
X21	3.946	0.912	52.425	-0.240	-0.684	2.218	15	5.123	42

X31	3.129	0.946	40.123	-0.104	-0.187	1.153	9	5.348	5
X32	3.925	0.973	48.919	-0.273	-0.887	2.154	17	5.100	47
X33	3.844	0.991	47.021	-0.292	-0.621	0.889	1	5.086	43
Y11	3.673	1.124	39.639	-0.270	-0.649	1.039	5	5.122	40
Y12	3.639	1.193	36.979	-0.307	-0.763	0.828	5	5.074	46
Y13	3.456	1.160	36.120	-0.174	-0.649	1.054	9	5.098	32
Y14	3.626	1.118	39.328	-0.240	-0.625	1.012	5	5.118	37
Y15	3.639	1.104	39.976	-0.237	-0.593	1.058	5	5.133	36
Y21	3.864	0.934	50.175	-0.271	-0.546	1.307	2	5.053	42
Y22	3.864	0.934	50.175	-0.238	-0.800	2.013	12	5.040	43
Y23	3.714	0.929	48.476	-0.125	-0.726	2.019	16	5.051	32
Y31	3.946	0.956	50.015	-0.333	-0.867	1.759	7	4.995	56
Y32	3.884	1.004	46.929	-0.363	-0.686	0.861	1	5.022	52
Y33	3.918	0.955	49.772	-0.310	-0.861	1.870	9	5.008	52
Y41	3.626	1.136	38.697	-0.195	-1.186	1.836	27	4.959	50
Y42	3.626	1.035	42.471	-0.146	-0.922	1.805	19	4.954	42
Y43	3.599	0.991	44.037	-0.057	-0.878	2.009	24	5.061	30

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
X11	-0.596	0.551	0.228	0.820	0.407	0.816
X12	-1.246	0.213	-1.324	0.170	4.952	0.071
X13	-0.764	0.445	-0.070	0.945	0.588	0.745
X14	-0.831	0.406	-1.197	0.228	5.518	0.063
X15	-0.904	0.366	-1.159	0.246	2.160	0.340
X16	-0.699	0.484	0.117	0.906	0.503	0.778
X17	-1.374	0.169	-1.262	0.207	3.482	0.175
X21	-1.215	0.224	-1.450	0.144	4.478	0.074
X31	-0.530	0.596	-0.369	0.712	0.417	0.812
X32	-1.376	0.169	-1.833	0.056	4.588	0.089
X33	-1.470	0.142	-1.109	0.235	4.608	0.087
Y11	-1.364	0.173	-1.253	0.204	4.938	0.081
Y12	-1.542	0.123	-1.931	0.053	4.970	0.079
Y13	-0.887	0.375	-1.256	0.205	5.877	0.053
Y14	-1.214	0.225	-1.128	0.233	4.001	0.080
Y15	-1.201	0.230	-1.956	0.051	5.306	0.070
Y21	-1.367	0.172	-1.736	0.083	4.881	0.087
Y22	-1.205	0.228	-1.178	0.231	4.552	0.083
Y23	-0.636	0.524	-1.699	0.107	4.688	0.085
Y31	-1.668	0.095	-1.674	0.113	4.284	0.097
Y32	-1.813	0.070	-1.463	0.154	4.352	0.094
Y33	-1.556	0.120	-1.630	0.097	4.597	0.084

[illegible]

[illegible]

[illegible][illegible][illegible][illegible][illegible]

[illegible]

Frequency Percentage Lower Class Limit

[illegible][illegible]

Frequency Percentage Lower Class Limit

[illegible][illegible]

Frequency Percentage Lower Class Limit

[illegible]

0	0.0	3.886
---	-----	-------

0	0.0	4.297	
37	25.2	4.708	

Y15

Frequency Percentage Lower Class Limit

5 3.4 1.058

0	0.0	1.465
---	-----	-------

21 14.3 1.873

0	0.0	2.280
---	-----	-------

32 21.8 2.688 □□□□□□□□□□□□□□□□□□

0 0.0 3.095

53	36.1	3.503
----	------	-------

[illegible]

0 0.0 3.910

0	0.0	4.318
---	-----	-------

36 24.5 4.725

Y21

Frequency Percentage Lower Class Limit

1	1.4	1.307	☐
2	1.4	1.307	☐

7	4.8	1.682	
---	-----	-------	----------------------

0 0.0 2.056

0	0.0	2.431
---	-----	-------

42	28.6	2.805
----	------	-------

[illegible]

0 0.0 3.180

0	0.0	3.554
---	-----	-------

54	36.7	3.929
----	------	-------

[illegible]

0	0.0	4.303
---	-----	-------

42	28.6	4.678
----	------	-------

[illegible]

Y22

Frequency Percentage Lower Class Limit

12	8.2	2.013	
----	-----	-------	----------------------

0 0.0 2.316

0	0.0	2.618
---	-----	-------

39 26.5 2.921 □□□□□□□□□□□□□□□□□□□□□□□□□□

0	0.0	3.224
---	-----	-------

0	0.0	3.527
---	-----	-------

53	36.1	3.829
----	------	-------

[illegible]

0	0.0	4.132
---	-----	-------

0	0.0	4.435
---	-----	-------

Y23

16 10.9 2.019 □□□□□□□□□□

0	0.0	2.625
---	-----	-------

□ □

0	0.0	3.232
0	0.0	3.535

57 50.0 5.050

0	0.0	4.141
0	0.0	4.145

□ □

7	4.8	1.759	
---	-----	-------	----------------------

0	0.0	2.406
---	-----	-------

50	34.0	3.05
----	------	------

0 00 3 377

34	23.1	3.70
0	0.0	4.025

0	0.0	4.548
56	38.1	4.67

[illegible]

1	0.7	0.861
---	-----	-------

11	7.5	1.693
----	-----	-------

44	29.9	2.94
----	------	------

0 00 3 358

35	20.5	5.775
0	0.0	4.190

52 55.4 4.000

Y33
Frequency Percentage Lower Class Limit

Iteration	Mean	Std. Dev.	Std. Error	95% CI for Mean
9	6.1	1.870		
0	0.0	2.184		
0	0.0	2.498		
46	31.3	2.811		
0	0.0	3.125		
0	0.0	3.439		
40	27.2	3.753		
0	0.0	4.066		
0	0.0	4.380		
52	35.4	4.694		

Y41
Frequency Percentage Lower Class Limit

27	18.4	1.836	
0	0.0	2.148	
0	0.0	2.460	
0	0.0	2.773	
51	34.7	3.085	
0	0.0	3.397	
19	12.9	3.710	
0	0.0	4.022	
0	0.0	4.334	
50	34.0	4.647	

Y42
Frequency Percentage Lower Class Limit

Iteration	Mean	Std	Plot
19	12.9	1.805	
0	0.0	2.120	
0	0.0	2.435	
0	0.0	2.750	
59	40.1	3.065	
0	0.0	3.380	
27	18.4	3.695	
0	0.0	4.010	
0	0.0	4.325	
42	28.6	4.639	

Y43

Frequency Percentage Lower Class Limit

24	16.3	2.009	□□□□□□□□□□□□□□□□
0	0.0	2.314	
0	0.0	2.619	
41	27.9	2.924	
□□□□□□□□□□□□□□□□□□□□□□			
0	0.0	3.229	
0	0.0	3.535	
52	35.4	3.840	
□□□□□□□□□□□□□□□□□□□□□□□□□□□□			
0	0.0	4.145	
0	0.0	4.450	
30	20.4	4.755	□□□□□□□□□□□□□□□□□□□□

Covariance Matrix

	X11	X12	X13	X14	X15	X16
-----	-----	-----	-----	-----	-----	-----
X11	0.654					
X12	0.640	0.813				
X13	0.643	0.682	0.688			
X14	0.620	0.753	0.665	1.054		
X15	0.614	0.731	0.660	0.601	1.053	
X16	0.637	0.638	0.627	0.627	0.598	0.648
X17	0.632	0.783	0.669	0.703	0.762	0.615
X21	0.652	0.815	0.694	0.754	0.746	0.646
X31	0.347	0.489	0.398	0.577	0.450	0.350
X32	0.348	0.515	0.417	0.560	0.488	0.357
X33	0.383	0.542	0.445	0.550	0.552	0.388
Y11	0.247	0.330	0.283	0.462	0.321	0.261
Y12	0.290	0.347	0.317	0.441	0.402	0.283
Y13	0.240	0.325	0.265	0.399	0.296	0.266
Y14	0.311	0.378	0.326	0.468	0.331	0.319
Y15	0.196	0.274	0.226	0.354	0.285	0.211
Y21	0.173	0.177	0.144	0.182	0.245	0.178
Y22	0.116	0.141	0.114	0.185	0.186	0.115
Y23	0.273	0.348	0.281	0.333	0.380	0.276
Y31	0.236	0.273	0.214	0.281	0.279	0.226
Y32	0.307	0.365	0.302	0.302	0.384	0.296
Y33	0.296	0.342	0.293	0.297	0.388	0.285
Y41	0.207	0.286	0.206	0.263	0.235	0.218
Y42	0.138	0.148	0.127	0.055	0.148	0.130
Y43	0.176	0.195	0.169	0.143	0.228	0.168

Covariance Matrix

	X17	X21	X31	X32	X33	Y11
	-----	-----	-----	-----	-----	-----
X17	0.884					
X21	0.795	0.833				
X31	0.459	0.491	0.894			
X32	0.494	0.516	0.683	0.946		
X33	0.530	0.542	0.671	0.826	0.982	
Y11	0.258	0.310	0.203	0.111	0.165	1.263
Y12	0.300	0.343	0.220	0.212	0.225	1.062
Y13	0.238	0.311	0.211	0.130	0.163	0.989
Y14	0.319	0.364	0.309	0.186	0.195	1.061
Y15	0.198	0.267	0.247	0.185	0.224	1.041
Y21	0.164	0.176	0.217	0.127	0.176	0.303
Y22	0.159	0.146	0.165	0.165	0.169	0.226
Y23	0.356	0.352	0.254	0.206	0.242	0.254
Y31	0.228	0.259	0.269	0.172	0.221	0.421
Y32	0.363	0.365	0.214	0.146	0.200	0.334
Y33	0.295	0.336	0.183	0.132	0.227	0.377
Y41	0.254	0.290	0.145	0.011	0.068	0.500
Y42	0.151	0.149	0.101	-0.011	0.048	0.333
Y43	0.195	0.192	0.029	-0.023	0.014	0.421

Covariance Matrix

	Y12	Y13	Y14	Y15	Y21	Y22
	-----	-----	-----	-----	-----	-----
Y12	1.424					
Y13	0.868	1.346				
Y14	0.936	0.970	1.249			
Y15	0.999	0.833	0.848	1.218		
Y21	0.343	0.409	0.397	0.330	0.872	
Y22	0.344	0.306	0.294	0.215	0.593	0.872
Y23	0.388	0.345	0.274	0.255	0.406	0.574
Y31	0.476	0.464	0.551	0.323	0.512	0.367
Y32	0.285	0.327	0.330	0.251	0.194	0.239
Y33	0.422	0.359	0.407	0.265	0.203	0.248
Y41	0.463	0.472	0.459	0.433	0.331	0.289
Y42	0.395	0.342	0.368	0.272	0.296	0.222
Y43	0.505	0.391	0.345	0.373	0.315	0.286

Covariance Matrix

Y23	Y31	Y32	Y33	Y41	Y42
-----	-----	-----	-----	-----	-----

Y23	0.863					
Y31	0.187	0.915				
Y32	0.364	0.427	1.007			
Y33	0.382	0.596	0.708	0.911		
Y41	0.320	0.324	0.416	0.327	1.291	
Y42	0.259	0.266	0.294	0.244	0.743	1.071
Y43	0.306	0.335	0.357	0.331	0.855	0.750

Covariance Matrix

Y43	
Y43	0.982

Means

X11	X12	X13	X14	X15	X16
3.102	3.952	3.061	3.639	3.585	3.129

Means

X17	X21	X31	X32	X33	Y11
3.884	3.946	3.129	3.925	3.844	3.673

Means

Y12	Y13	Y14	Y15	Y21	Y22
3.639	3.456	3.626	3.639	3.864	3.864

Means

Y23	Y31	Y32	Y33	Y41	Y42
3.714	3.946	3.884	3.918	3.626	3.626

Means

Y43	
Y43	3.599

Standard Deviations

X11	X12	X13	X14	X15	X16
-----	-----	-----	-----	-----	-----
0.809	0.902	0.829	1.027	1.026	0.805

Standard Deviations

X17	X21	X31	X32	X33	Y11
-----	-----	-----	-----	-----	-----
0.940	0.912	0.946	0.973	0.991	1.124

Standard Deviations

Y12	Y13	Y14	Y15	Y21	Y22
-----	-----	-----	-----	-----	-----
1.193	1.160	1.118	1.104	0.934	0.934

Standard Deviations

Y23	Y31	Y32	Y33	Y41	Y42
-----	-----	-----	-----	-----	-----
0.929	0.956	1.004	0.955	1.136	1.035

Standard Deviations

Y43

0.991

The Problem used 58352 Bytes (= 0.1% of available workspace)

Lampiran 7 Analisis SEM

DATE: 6/ 8/2013

TIME: 2:52

L I S R E L 8.80

BY

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The following lines were read from file D:\Imel\Hasil.SPJ:

Raw Data from file 'D:\Imel\Hasil.psf'

Latent Variables X1 X2 X3 Y1 Y2 Y3 Y4

Relationships

X11 = 1*X1

X12 = X1

X13 = X1

X14 = X1

X15 = X1

X16 = X1

X17 = X1

X21 = 1*X2

X31 = 1*X3

X32 = X3

X33 = X3

Y11 = 1*Y1

Y12 = Y1

Y13 = Y1

Y14 = Y1

Y15 = Y1

Y21 = 1*Y2

Y42	0.363	0.419	0.363	0.386	0.309	0.305	0.236	0.276
0.274	0.306							
Y43	0.437	0.519	0.397	0.356	0.389	0.322	0.294	0.316
0.341	0.357							
X11	0.253	0.284	0.248	0.319	0.201	0.185	0.130	0.276
0.245	0.306							
X12	0.334	0.339	0.337	0.386	0.284	0.192	0.144	0.356
0.285	0.371							
X13	0.294	0.317	0.280	0.338	0.235	0.159	0.132	0.292
0.223	0.308							
X14	0.484	0.431	0.412	0.481	0.376	0.197	0.190	0.335
0.275	0.294							
X15	0.329	0.397	0.300	0.330	0.295	0.251	0.190	0.387
0.285	0.383							
X16	0.269	0.273	0.276	0.330	0.218	0.189	0.127	0.277
0.233	0.296							
X17	0.263	0.300	0.252	0.326	0.211	0.176	0.162	0.364
0.240	0.370							
X21	0.311	0.336	0.319	0.370	0.275	0.191	0.150	0.361
0.271	0.370							
X31	0.207	0.218	0.222	0.316	0.246	0.230	0.175	0.256
0.274	0.207							
X32	0.133	0.213	0.137	0.205	0.199	0.134	0.154	0.205
0.160	0.142							
X33	0.188	0.224	0.168	0.222	0.238	0.191	0.163	0.243
0.217	0.194							

Covariance Matrix

	Y33	Y41	Y42	Y43	X11	X12	X13	X14
X15	X16							
	-----	-----	-----	-----	-----	-----	-----	-----

Y33	0.911							
Y41	0.332	1.291						
Y42	0.250	0.763	1.071					
Y43	0.337	0.849	0.753	0.982				
X11	0.303	0.196	0.148	0.178	0.654			
X12	0.352	0.270	0.167	0.200	0.635	0.813		
X13	0.306	0.187	0.140	0.169	0.644	0.674	0.688	
X14	0.292	0.241	0.070	0.163	0.619	0.736	0.659	1.054
X15	0.397	0.220	0.166	0.230	0.618	0.734	0.663	0.596
1.053								
X16	0.291	0.206	0.138	0.169	0.637	0.636	0.629	0.629
0.602	0.648							

X17	0.306	0.237	0.169	0.200	0.628	0.782	0.665	0.684
0.760	0.611							
X21	0.345	0.274	0.171	0.197	0.649	0.812	0.688	0.734
0.751	0.644							
X31	0.189	0.145	0.117	0.052	0.350	0.486	0.396	0.567
0.451	0.353							
X32	0.138	0.013	-0.001	-0.003	0.350	0.503	0.416	0.534
0.489	0.359							
X33	0.227	0.071	0.064	0.040	0.386	0.540	0.448	0.532
0.558	0.390							

Covariance Matrix

	X17	X21	X31	X32	X33
-----	-----	-----	-----	-----	-----
X17	0.884				
X21	0.795	0.833			
X31	0.453	0.487	0.894		
X32	0.478	0.503	0.688	0.946	
X33	0.530	0.539	0.678	0.817	0.982

BEHAVIOR UNDER STEEPEST DESCENT ITERATIONS

ITER	TRY	ABSCISSA	SLOPE	FUNCTION
1	0	0.00000000D+00	-0.31491794D+02	0.24460168D+01
	1	0.10000000D+01	0.76172230D+07	0.10093449D+07
	2	0.41342709D-05	-0.31484072D+02	0.24458867D+01
	3	0.82675110D-05	-0.31476351D+02	0.24457565D+01
	4	0.12399720D-04	-0.31468631D+02	0.24456265D+01
	5	0.16530899D-04	-0.31460913D+02	0.24454965D+01
	6	0.20661048D-04	-0.31453196D+02	0.24453666D+01
	7	0.24790166D-04	-0.31445480D+02	0.24452367D+01
	8	0.28918255D-04	-0.31437765D+02	0.24451069D+01
	9	0.33045314D-04	-0.31430052D+02	0.24449772D+01
	10	0.37171343D-04	-0.31422340D+02	0.24448475D+01
	11	0.41296342D-04	-0.31414630D+02	0.24447179D+01
	12	0.45420313D-04	-0.31406920D+02	0.24445884D+01
	13	0.49543254D-04	-0.31399212D+02	0.24444589D+01
	14	0.53665167D-04	-0.31391505D+02	0.24443295D+01
	15	0.57786051D-04	-0.31383799D+02	0.24442002D+01
	16	0.61905906D-04	-0.31376095D+02	0.24440709D+01
	17	0.66024733D-04	-0.31368392D+02	0.24439417D+01
	18	0.70142532D-04	-0.31360690D+02	0.24438125D+01

19	0.74259303D-04	-0.31352990D+02	0.24436834D+01
20	0.78375046D-04	-0.31345290D+02	0.24435544D+01

Initial Estimates (TSLS)

Measurement Equations

$$Y_{11} = 1.000 * Y_1, \text{Errorvar.} = 0.126, R^2 = 0.914$$

$$Y_{12} = 0.905 * Y_1, \text{Errorvar.} = 0.142, R^2 = 0.885$$

$$Y_{13} = 0.835 * Y_1, \text{Errorvar.} = 0.135, R^2 = 0.874$$

$$Y_{14} = 0.874 * Y_1, \text{Errorvar.} = 0.125, R^2 = 0.891$$

$$Y_{15} = 0.858 * Y_1, \text{Errorvar.} = 0.122, R^2 = 0.890$$

$$Y_{21} = 1.000 * Y_2, \text{Errorvar.} = 0.0872, R^2 = 0.896$$

$$Y_{22} = 1.007 * Y_2, \text{Errorvar.} = 0.0872, R^2 = 0.897$$

$$Y_{23} = 0.871 * Y_2, \text{Errorvar.} = 0.0863, R^2 = 0.869$$

$$Y_{31} = 1.000 * Y_3, \text{Errorvar.} = 0.0915, R^2 = 0.915$$

$$Y_{32} = 0.762 * Y_3, \text{Errorvar.} = 0.101, R^2 = 0.850$$

$$Y_{33} = 0.823 * Y_3, \text{Errorvar.} = 0.0911, R^2 = 0.880$$

$$Y_{41} = 1.000 * Y_4, \text{Errorvar.} = 0.129, R^2 = 0.889$$

$$Y_{42} = 0.841 * Y_4, \text{Errorvar.} = 0.107, R^2 = 0.872$$

$$Y_{43} = 0.922 * Y_4, \text{Errorvar.} = 0.0982, R^2 = 0.899$$

$$X_{11} = 1.000 * X_1, \text{Errorvar.} = 0.0654, R^2 = 0.917$$

$$X_{12} = 1.004 * X_1, \text{Errorvar.} = 0.0813, R^2 = 0.900$$

$$X_{13} = 0.989 * X_1, \text{Errorvar.} = 0.0688, R^2 = 0.912$$

$$X14 = 0.973 * X1, \text{Errorvar.} = 0.105, R^2 = 0.867$$

$$X15 = 0.966 * X1, \text{Errorvar.} = 0.105, R^2 = 0.865$$

$$X16 = 0.975 * X1, \text{Errorvar.} = 0.0648, R^2 = 0.914$$

$$X17 = 0.971 * X1, \text{Errorvar.} = 0.0884, R^2 = 0.886$$

$$X21 = 1.000 * X2, \text{Errorvar.} = 0.0833, R^2 = 0.909$$

$$X31 = 1.000 * X3, \text{Errorvar.} = 0.0894, R^2 = 0.894$$

$$X32 = 1.073 * X3, \text{Errorvar.} = 0.0946, R^2 = 0.902$$

$$X33 = 1.080 * X3, \text{Errorvar.} = 0.0982, R^2 = 0.900$$

Structural Equations

$$Y1 = 0.536 * X1 - 0.0490 * X2 + 0.00964 * X3, \text{Errorvar.} = 1.161, R^2 = 0.131$$

$$Y2 = 0.288 * X1 - 0.0301 * X2 + 0.102 * X3, \text{Errorvar.} = 0.673, R^2 = 0.105$$

$$Y3 = 0.279 * X1 + 0.206 * X2 - 0.0135 * X3, \text{Errorvar.} = 0.813, R^2 = 0.174$$

$$Y4 = 0.243 * Y1 + 0.227 * Y2 + 0.204 * Y3, \text{Errorvar.} = 0.832, R^2 = 0.192$$

Reduced Form Equations

$$Y1 = 0.536 * X1 - 0.0490 * X2 + 0.00964 * X3, \text{Errorvar.} = 1.161, R^2 = 0.131$$

$$Y2 = 0.288 * X1 - 0.0301 * X2 + 0.102 * X3, \text{Errorvar.} = 0.673, R^2 = 0.105$$

$$Y3 = 0.279 * X1 + 0.206 * X2 - 0.0135 * X3, \text{Errorvar.} = 0.813, R^2 = 0.174$$

$$Y4 = 0.252 * X1 + 0.0234 * X2 + 0.0227 * X3, \text{Errorvar.} = 0.969, R^2 = 0.0595$$

Covariance Matrix of Independent Variables

	X1	X2	X3
X1	0.725		
X2	0.738	0.833	

X3 0.441 0.485 0.755

Covariance Matrix of Latent Variables

	Y1	Y2	Y3	Y4	X1	X2	X3
-----	-----	-----	-----	-----	-----	-----	-----
Y1	1.337						
Y2	0.115	0.752					
Y3	0.171	0.111	0.984				
Y4	0.385	0.221	0.268	1.031			
X1	0.357	0.232	0.349	0.210	0.725		
X2	0.359	0.237	0.371	0.217	0.738	0.833	
X3	0.220	0.190	0.213	0.140	0.441	0.485	0.755

Behavior under Minimization Iterations

Iter	Try	Abscissa	Slope	Function
1	0	0.00000000D+00	-0.43038997D+02	0.11153060D+02
	1	0.10000000D+01		
	2	0.50000000D+00		
	3	0.25000000D+00		
	4	0.12500000D+00		
	5	0.62500000D-01		
	6	0.31250000D-01		
	7	0.15625000D-01		
	8	0.78125000D-02	-0.24523623D+02	0.10859597D+02
	9	0.15625000D-01		
	10	0.11718750D-01	0.43257850D+03	0.11107540D+02
	11	0.80220711D-02	-0.22577853D+02	0.10854657D+02
	12	0.82054434D-02	-0.20615117D+02	0.10850692D+02
	13	0.83652586D-02	-0.18668153D+02	0.10847550D+02
	14	0.85039931D-02	-0.16769085D+02	0.10845090D+02
	15	0.86239638D-02	-0.14946921D+02	0.10843185D+02
	16	0.87273267D-02	-0.13225707D+02	0.10841728D+02
	17	0.88160735D-02	-0.11623476D+02	0.10840624D+02
	18	0.88920281D-02	-0.10151957D+02	0.10839797D+02
	19	0.89568458D-02	-0.88169076D+01	0.10839182D+02
	20	0.90120150D-02	-0.76188859D+01	0.10838728D+02
2	0	0.00000000D+00	-0.45226369D+02	0.11153060D+02
	1	0.90120150D-02	-0.39184246D+02	0.10473571D+02
	2	0.18024030D-01	-0.36749794D+02	0.10131608D+02
	3	0.36048060D-01	-0.32553246D+02	0.95082363D+01
	4	0.72096120D-01	-0.26044472D+02	0.84583952D+01
	5	0.14419224D+00	-0.11248133D+02	0.69681736D+01

6	0.28838448D+00		
7	0.21628836D+00		
8	0.18024030D+00		
9	0.16221627D+00	0.80539671D+02	0.71859536D+01
10	0.14640099D+00	-0.91318945D+01	0.69455618D+01
11	0.14801158D+00	-0.71715689D+01	0.69323773D+01
12	0.14917300D+00	-0.54697789D+01	0.69250099D+01
13	0.15000249D+00	-0.40717926D+01	0.69210410D+01
3	0	0.00000000D+00	-0.44263859D+02
1	0.15000249D+00		0.69210410D+01
2	0.75001244D-01	-0.13775721D+02	0.58735945D+01
3	0.15000249D+00		
4	0.11250187D+00	-0.62171245D+01	0.54547154D+01
5	0.22500373D+00		
6	0.16875280D+00		
7	0.14062733D+00		
8	0.12656460D+00	0.14622559D+03	0.57801471D+01
9	0.11307539D+00	-0.57390671D+01	0.54512841D+01
10	0.11358482D+00	-0.52637912D+01	0.54484794D+01
11	0.11403583D+00	-0.47976548D+01	0.54462088D+01
12	0.11443384D+00	-0.43464481D+01	0.54443877D+01
4	0	0.00000000D+00	-0.16474548D+01
1	0.11443384D+00	-0.12330962D+01	0.54443877D+01
2	0.22886768D+00	-0.95065072D+00	0.52815485D+01
3	0.45773536D+00	-0.45044703D+00	0.51572993D+01
4	0.91547072D+00	0.37331665D+01	0.49958404D+01
5	0.50701944D+00	0.53398413D+01	0.49767587D+01
6	0.53937874D+00	-0.32120507D+00	0.49678783D+01
7	0.56085247D+00	-0.22606003D+00	0.49637552D+01
5	0	0.00000000D+00	-0.10899859D+01
1	0.56085247D+00	-0.15708931D+00	0.49637552D+01
2	0.11217049D+01	-0.34950291D+00	0.45709772D+01
3	0.59250326D+00	0.58436934D+01	0.51061890D+01
4	0.61847892D+00	-0.30164138D+00	0.45606623D+01
5	0.61847892D+00	-0.25913094D+00	0.45533721D+01
6	0.63984631D+00	-0.22151995D+00	0.45482324D+01
7	0.65744525D+00	-0.18844957D+00	0.45446219D+01
8	0.67194914D+00	-0.15958013D+00	0.45420961D+01
9	0.68390463D+00	-0.13456334D+00	0.45403366D+01
10	0.69375898D+00	-0.11303832D+00	0.45391160D+01
11	0.70187993D+00	-0.94638623D-01	0.45382723D+01
6	0	0.00000000D+00	-0.54581970D+00
1	0.70187993D+00	0.55330646D+00	0.45382723D+01
2			0.43349901D+01

2	0.34854952D+00	-0.38751071D+00	0.43728630D+01
3	0.49408185D+00	-0.24011075D+00	0.43257837D+01
4	0.55696750D+00	-0.12153201D+00	0.43141364D+01
5	0.58306485D+00	-0.53613542D-01	0.43118209D+01
7	0	0.00000000D+00	-0.36473716D+00
1	0.58306485D+00	-0.11990899D+00	0.41851343D+01
2	0.11661297D+01	-0.20108790D-01	0.41467514D+01
8	0	0.00000000D+00	-0.21668817D+00
1	0.11661297D+01	-0.12352422D+00	0.39504914D+01
2	0.23322594D+01	-0.40567723D-01	0.38545854D+01
3	0.46645188D+01	0.35133026D+00	0.40741701D+01
4	0.25736856D+01	-0.22060101D-01	0.38470030D+01
5	0.26972132D+01	-0.12091480D-01	0.38448895D+01
9	0	0.00000000D+00	-0.15818743D+00
1	0.26972132D+01		
2	0.13486066D+01	0.15858775D+00	0.37927830D+01
3	0.67345116D+00	-0.54627987D-01	0.37732207D+01
4	0.84643268D+00	-0.21852998D-01	0.37665047D+01
5	0.90725046D+00	-0.83436149D-02	0.37655799D+01
10	0	0.00000000D+00	-0.12379187D+00
1	0.90725046D+00	-0.72005618D-01	0.36777402D+01
2	0.18145009D+01	-0.10758993D-01	0.36371845D+01
11	0	0.00000000D+00	-0.95269448D-01
1	0.18145009D+01	0.10578630D+00	0.35805303D+01
2	0.85979389D+00	-0.50510364D-01	0.35720709D+01
3	0.11683264D+01	-0.21633050D-01	0.35606536D+01
4	0.12780329D+01	-0.81646727D-02	0.35590000D+01
12	0	0.00000000D+00	-0.61966085D-01
1	0.12780329D+01	0.74083029D-02	0.35200331D+01
2	0.11415552D+01	-0.25170704D-02	0.35197119D+01
13	0	0.00000000D+00	-0.44458128D-01
1	0.11415552D+01	-0.69987240D-02	0.34889644D+01
2	0.22831104D+01	0.81652532D-01	0.35208116D+01
3	0.12316772D+01	-0.31010356D-02	0.34885074D+01
14	0	0.00000000D+00	-0.38671559D-01
1	0.12316772D+01	0.15635896D-01	0.34715632D+01
2	0.87705966D+00	-0.33097944D-02	0.34695271D+01

15	0	0.00000000D+00	-0.35714095D-01	0.34695271D+01
	1	0.87705966D+00	-0.24161791D-01	0.34425013D+01
	2	0.17541193D+01	0.19196486D-01	0.34354387D+01
	3	0.13658091D+01	-0.84070346D-02	0.34340274D+01
	4	0.14840743D+01	-0.21010179D-02	0.34333922D+01
16	0	0.00000000D+00	-0.30983851D-01	0.34333922D+01
	1	0.14840743D+01	-0.17849726D-01	0.33972285D+01
	2	0.29681487D+01	-0.42701312D-02	0.33806261D+01
	3	0.59362974D+01	0.36123689D-01	0.34205594D+01
	4	0.32819191D+01	-0.11267337D-02	0.33797757D+01
17	0	0.00000000D+00	-0.28200767D-01	0.33797757D+01
	1	0.32819191D+01	0.21182849D-01	0.33910994D+01
	2	0.18741567D+01	0.94228158D-02	0.33687406D+01
	3	0.14047747D+01	0.34626325D-02	0.33656601D+01
	4	0.12511519D+01	0.11666941D-02	0.33653020D+01
18	0	0.00000000D+00	-0.25339177D-01	0.33653020D+01
	1	0.12511519D+01	0.45256601D-02	0.33489209D+01
	2	0.10615548D+01	-0.24223528D-02	0.33487417D+01
19	0	0.00000000D+00	-0.22629753D-01	0.33487417D+01
	1	0.10615548D+01	-0.13430903D-01	0.33294254D+01
	2	0.21231096D+01	-0.13607525D-02	0.33212287D+01
20	0	0.00000000D+00	-0.20845173D-01	0.33212287D+01
	1	0.21231096D+01	0.51590414D-02	0.33055393D+01
	2	0.17019005D+01	0.36171922D-03	0.33043737D+01
21	0	0.00000000D+00	-0.17983594D-01	0.33043737D+01
	1	0.17019005D+01	0.19573179D-02	0.32906239D+01
	2	0.15348490D+01	-0.66803080D-04	0.32904664D+01
22	0	0.00000000D+00	-0.13952850D-01	0.32904664D+01
	1	0.15348490D+01	0.43061344D-02	0.32835495D+01
	2	0.11728756D+01	0.28679064D-03	0.32827162D+01
23	0	0.00000000D+00	-0.96911267D-02	0.32827162D+01
	1	0.11728756D+01	-0.21115127D-02	0.32758550D+01
	2	0.23457512D+01	0.50585102D-02	0.32776033D+01
	3	0.15182778D+01	0.24256585D-04	0.32754954D+01
24	0	0.00000000D+00	-0.51971159D-02	0.32754954D+01
	1	0.15182778D+01	-0.63342098D-03	0.32710791D+01
	2	0.30365556D+01	0.41498054D-02	0.32736795D+01

	3	0.17193364D+01	-0.26196637D-04	0.32710127D+01
25	0	0.00000000D+00	-0.22469723D-02	0.32710127D+01
	1	0.17193364D+01	0.21419151D-03	0.32692258D+01
26	0	0.00000000D+00	-0.13073457D-02	0.32692258D+01
	1	0.17193364D+01	-0.11897059D-03	0.32680202D+01
27	0	0.00000000D+00	-0.72566639D-03	0.32680202D+01
	1	0.17193364D+01	-0.31820394D-03	0.32671220D+01
	2	0.34386729D+01	0.95553930D-04	0.32669296D+01
	3	0.30416065D+01	-0.61135446D-06	0.32669108D+01
28	0	0.00000000D+00	-0.43030204D-03	0.32669108D+01
	1	0.30416065D+01	-0.20778221D-03	0.32659403D+01
	2	0.60832129D+01	0.15300374D-04	0.32656474D+01
29	0	0.00000000D+00	-0.27716139D-03	0.32656474D+01
	1	0.60832129D+01	0.15930696D-03	0.32652851D+01
	2	0.38628959D+01	-0.87106599D-06	0.32651094D+01
30	0	0.00000000D+00	-0.17260955D-03	0.32651094D+01
	1	0.38628959D+01	-0.19310975D-04	0.32647386D+01
	2	0.77257917D+01	0.13479350D-03	0.32649613D+01
	3	0.43469589D+01	-0.53730988D-07	0.32647339D+01
31	0	0.00000000D+00	-0.10331239D-03	0.32647339D+01
	1	0.43469589D+01	0.27830740D-04	0.32645718D+01
	2	0.34244624D+01	0.43907972D-06	0.32645587D+01
32	0	0.00000000D+00	-0.64518291D-04	0.32645587D+01
	1	0.34244624D+01	0.78459680D-05	0.32644610D+01
	2	0.30531711D+01	-0.11010873D-06	0.32644596D+01
33	0	0.00000000D+00	-0.37087621D-04	0.32644596D+01
	1	0.30531711D+01	0.26840493D-05	0.32644073D+01
34	0	0.00000000D+00	-0.14755852D-04	0.32644073D+01
	1	0.30531711D+01	0.93858464D-05	0.32643991D+01
	2	0.18661546D+01	-0.84005156D-09	0.32643935D+01
35	0	0.00000000D+00	-0.46447758D-05	0.32643935D+01
	1	0.18661546D+01	-0.17141510D-05	0.32643876D+01
	2	0.37323091D+01	0.12186366D-05	0.32643871D+01
	3	0.29568816D+01	-0.26526441D-09	0.32643866D+01

36	0	0.00000000D+00	-0.21896310D-05	0.32643866D+01
	1	0.29568816D+01	-0.40140790D-06	0.32643828D+01
	2	0.59137632D+01	0.13916677D-05	0.32643843D+01
	3	0.36188256D+01	-0.42517723D-09	0.32643827D+01
37	0	0.00000000D+00	-0.13142630D-05	0.32643827D+01
	1	0.36188256D+01	-0.20799414D-06	0.32643799D+01
	2	0.72376511D+01	0.89820735D-06	0.32643812D+01
	3	0.42992572D+01	0.47963056D-11	0.32643798D+01
38	0	0.00000000D+00	-0.79828731D-06	0.32643798D+01
	1	0.42992572D+01	-0.69575553D-07	0.32643780D+01
39	0	0.00000000D+00	-0.45482696D-06	0.32643780D+01
	1	0.42992572D+01	0.11884666D-06	0.32643773D+01
	2	0.34085899D+01	0.45302183D-10	0.32643772D+01
40	0	0.00000000D+00	-0.27047141D-06	0.32643772D+01
	1	0.34085899D+01	-0.88323752D-07	0.32643766D+01
	2	0.68171798D+01	0.93915780D-07	0.32643766D+01
	3	0.50605885D+01	-0.11494709D-10	0.32643765D+01
41	0	0.00000000D+00	-0.17405599D-06	0.32643765D+01
	1	0.50605885D+01	0.21350388D-07	0.32643761D+01
	2	0.45076612D+01	0.14111186D-11	0.32643761D+01
42	0	0.00000000D+00	-0.10467777D-06	0.32643761D+01
	1	0.45076612D+01	-0.25097702D-07	0.32643758D+01
	2	0.90153224D+01	0.54489983D-07	0.32643759D+01
	3	0.59291366D+01	-0.83387792D-12	0.32643758D+01
43	0	0.00000000D+00	-0.54569927D-07	0.32643758D+01
	1	0.59291366D+01	0.18986394D-07	0.32643757D+01
	2	0.43987049D+01	0.19347923D-11	0.32643757D+01
44	0	0.00000000D+00	-0.33413589D-07	0.32643757D+01
	1	0.43987049D+01	-0.41862818D-08	0.32643756D+01
	2	0.87974099D+01	0.25042599D-07	0.32643757D+01
	3	0.50287058D+01	-0.96813027D-13	0.32643756D+01
45	0	0.00000000D+00	-0.17945402D-07	0.32643756D+01
	1	0.50287058D+01	0.75442030D-08	0.32643756D+01
	2	0.35403509D+01	-0.23460625D-12	0.32643756D+01
46	0	0.00000000D+00	-0.60792647D-08	0.32643756D+01
	1	0.35403509D+01	0.16570382D-08	0.32643756D+01

2	0.27820434D+01	-0.37759434D-13	0.32643756D+01
47	0	0.00000000D+00	-0.24251272D-08
1	0.27820434D+01	-0.63452540D-09	0.32643756D+01
2	0.55640869D+01	0.11560752D-08	0.32643756D+01
3	0.37679010D+01	0.13733278D-15	0.32643756D+01
48	0	0.00000000D+00	-0.11000423D-08
1	0.37679010D+01	-0.40229986D-09	0.32643756D+01
2	0.75358021D+01	0.29545516D-09	0.32643756D+01
3	0.59403341D+01	-0.15380635D-14	0.32643756D+01
49	0	0.00000000D+00	-0.64158953D-09
1	0.59403341D+01	-0.71493130D-10	0.32643756D+01
2	0.11880668D+02	0.49858930D-09	0.32643756D+01
3	0.66853019D+01	0.76627245D-15	0.32643756D+01
50	0	0.00000000D+00	-0.37814710D-09
1	0.66853019D+01	-0.43034454D-10	0.32643756D+01
2	0.13370604D+02	0.29206846D-09	0.32643756D+01
3	0.75438391D+01	0.54463680D-15	0.32643756D+01
51	0	0.00000000D+00	-0.27654516D-09
1	0.75438391D+01	-0.15590608D-09	0.32643756D+01
2	0.15087678D+02	-0.35265688D-10	0.32643756D+01
3	0.30175356D+02	0.20601905D-09	0.32643756D+01
4	0.17292863D+02	-0.32840414D-15	0.32643756D+01
52	0	0.00000000D+00	-0.24629152D-09
1	0.17292863D+02	-0.13300409D-09	0.32643756D+01
2	0.34585725D+02	-0.19715952D-10	0.32643756D+01
53	0	0.00000000D+00	-0.28571404D-09
1	0.34585725D+02	0.19271259D-08	0.32643756D+01
2	0.44655862D+01	0.46948248D-14	0.32643756D+01
54	0	0.00000000D+00	-0.21907443D-09
1	0.44655862D+01	-0.21012379D-09	0.32643756D+01
2	0.89311723D+01	-0.20117315D-09	0.32643756D+01
3	0.17862345D+02	-0.18327189D-09	0.32643756D+01
4	0.35724689D+02	-0.14746942D-09	0.32643755D+01
5	0.71449378D+02	-0.75864679D-10	0.32643755D+01
6	0.14289876D+03	0.67344066D-10	0.32643755D+01
7	0.10929961D+03	0.12178769D-15	0.32643755D+01
55	0	0.00000000D+00	-0.20840736D-09

1	0.10929961D+03	-0.45672793D-10	0.32643755D+01	
2	0.21859922D+03	0.11699045D-09	0.32643755D+01	
3	0.13998889D+03	0.71786010D-14	0.32643755D+01	
56	0	0.00000000D+00	-0.20408348D-09	0.32643755D+01
1	0.13998889D+03	-0.12897163D-09	0.32643755D+01	
2	0.27997779D+03	-0.53813182D-10	0.32643755D+01	
3	0.55995558D+03	0.96645541D-10	0.32643755D+01	
4	0.38011486D+03	-0.21855054D-13	0.32643755D+01	
57	0	0.00000000D+00	-0.20287899D-09	0.32643755D+01
1	0.38011486D+03	-0.16681725D-09	0.32643754D+01	
2	0.76022972D+03	-0.13079613D-09	0.32643754D+01	
3	0.15204594D+04	-0.58805336D-10	0.32643753D+01	
4	0.30409189D+04	0.85463653D-10	0.32643753D+01	
5	0.21402124D+04	-0.87446265D-13	0.32643753D+01	
58	0	0.00000000D+00	-0.20277604D-09	0.32643753D+01
1	0.21402124D+04	0.42146451D-10	0.32643751D+01	
2	0.17719230D+04	-0.50766126D-12	0.32643751D+01	
59	0	0.00000000D+00	-0.20490283D-09	0.32643751D+01
1	0.17719230D+04	0.63767549D-08	0.32643795D+01	
2	0.55164222D+02	-0.78703237D-10	0.32643751D+01	
3	0.76094490D+02	-0.30500583D-10	0.32643751D+01	
4	0.84167175D+02	-0.11854674D-10	0.32643751D+01	
60	0	0.00000000D+00	-0.26393148D-09	0.32643751D+01
1	0.84167175D+02	0.53161530D-08	0.32643753D+01	
2	0.39810091D+01	-0.17667811D-10	0.32643751D+01	
61	0	0.00000000D+00	-0.20771510D-09	0.32643751D+01
1	0.39810091D+01	-0.18740960D-09	0.32643751D+01	
2	0.79620182D+01	-0.16709769D-09	0.32643751D+01	
3	0.15924036D+02	-0.12645073D-09	0.32643751D+01	
4	0.31848073D+02	-0.45036914D-10	0.32643751D+01	
5	0.63696146D+02	0.11848904D-09	0.32643751D+01	
6	0.40619395D+02	-0.10580170D-12	0.32643751D+01	
62	0	0.00000000D+00	-0.20262249D-09	0.32643751D+01
1	0.40619395D+02	-0.20233918D-09	0.32643751D+01	
2	0.81238791D+02	-0.20206141D-09	0.32643751D+01	
3	0.16247758D+03	-0.20152223D-09	0.32643750D+01	
4	0.32495516D+03	-0.20050754D-09	0.32643750D+01	
5	0.64991033D+03	-0.19871873D-09	0.32643749D+01	
6	0.12998207D+04	-0.19599074D-09	0.32643748D+01	

7	0.25996413D+04	-0.19303139D-09	0.32643746D+01	
8	0.51992826D+04	-0.18988278D-09	0.32643741D+01	
9	0.10398565D+05	-0.13693957D-09	0.32643732D+01	
10	0.20797130D+05	0.61618270D-09	0.32643746D+01	
11	0.12289327D+05	-0.81958621D-10	0.32643730D+01	
12	0.13288105D+05	-0.41580314D-10	0.32643729D+01	
13	0.13762786D+05	-0.19276393D-10	0.32643729D+01	
63	0	0.00000000D+00	-0.28095037D-07	0.32643729D+01
1	0.13762786D+05			
2	0.68813929D+04			
3	0.34406965D+04			
4	0.17203482D+04			
5	0.86017411D+03			
6	0.43008706D+03			
7	0.21504353D+03	0.41842911D-01	0.42099218D+01	
8	0.14438890D-03	-0.28080156D-07	0.32643729D+01	
9	0.28870122D-03	-0.28065281D-07	0.32643729D+01	
10	0.43293700D-03	-0.28050414D-07	0.32643729D+01	
11	0.57709628D-03	-0.28035555D-07	0.32643729D+01	
12	0.72117909D-03	-0.28020702D-07	0.32643729D+01	
13	0.86518548D-03	-0.28005857D-07	0.32643729D+01	
14	0.10091155D-02	-0.27991019D-07	0.32643729D+01	
15	0.11529691D-02	-0.27976189D-07	0.32643729D+01	
16	0.12967464D-02	-0.27961365D-07	0.32643729D+01	
17	0.14404475D-02	-0.27946549D-07	0.32643729D+01	
18	0.15840723D-02	-0.27931741D-07	0.32643729D+01	
19	0.17276209D-02	-0.27916939D-07	0.32643729D+01	
20	0.18710934D-02	-0.27902145D-07	0.32643729D+01	
64	0	0.00000000D+00	-0.30035230D-01	0.32643729D+01
1	0.18710934D-02	0.81375961D+02	0.33013468D+01	
2	0.69035110D-06	-0.29963318D-01	0.32643729D+01	
3	0.13787958D-05	-0.29894477D-01	0.32643728D+01	
4	0.20654066D-05	-0.29825737D-01	0.32643728D+01	
5	0.27501876D-05	-0.29757073D-01	0.32643728D+01	
6	0.34331424D-05	-0.29688464D-01	0.32643728D+01	
7	0.41142741D-05	-0.29619885D-01	0.32643728D+01	
8	0.47935850D-05	-0.29551314D-01	0.32643727D+01	
9	0.54710774D-05	-0.29482730D-01	0.32643727D+01	
10	0.61467526D-05	-0.29414111D-01	0.32643727D+01	
11	0.68206116D-05	-0.29345435D-01	0.32643727D+01	
12	0.74926549D-05	-0.29276682D-01	0.32643727D+01	
13	0.81628826D-05	-0.29207832D-01	0.32643726D+01	
14	0.88312942D-05	-0.29138865D-01	0.32643726D+01	
15	0.94978889D-05	-0.29069761D-01	0.32643726D+01	

16	0.10162665D-04	-0.29000501D-01	0.32643726D+01
17	0.10825621D-04	-0.28931066D-01	0.32643726D+01
18	0.11486755D-04	-0.28861438D-01	0.32643725D+01
19	0.12146064D-04	-0.28791599D-01	0.32643725D+01
20	0.12803545D-04	-0.28721532D-01	0.32643725D+01
65	0	0.00000000D+00	-0.32626972D-01
1	0.12803545D-04	-0.29865572D-01	0.32643721D+01
2	0.25607090D-04	-0.28238973D-01	0.32643717D+01
3	0.51214180D-04	-0.23699362D-01	0.32643711D+01
4	0.10242836D-03	-0.44954750D-02	0.32643703D+01
5	0.20485672D-03	0.11406605D+00	0.32643747D+01
6	0.10631212D-03	-0.22450517D-02	0.32643703D+01
66	0	0.00000000D+00	-0.10745304D-04
1	0.10631212D-03	-0.10744261D-04	0.32643703D+01
2	0.21262423D-03	-0.10743217D-04	0.32643703D+01
3	0.42524846D-03	-0.10741131D-04	0.32643703D+01
4	0.85049693D-03	-0.10736957D-04	0.32643703D+01
5	0.17009939D-02	-0.10728613D-04	0.32643702D+01
6	0.34019877D-02	-0.10711933D-04	0.32643702D+01
7	0.68039754D-02	-0.10678607D-04	0.32643702D+01
8	0.13607951D-01	-0.10612088D-04	0.32643701D+01
9	0.27215902D-01	-0.10479578D-04	0.32643700D+01
10	0.54431803D-01	-0.10216620D-04	0.32643697D+01
11	0.10886361D+00	-0.96985320D-05	0.32643692D+01
12	0.21772721D+00	-0.86903337D-05	0.32643682D+01
13	0.43545443D+00	-0.67591495D-05	0.32643665D+01
14	0.87090885D+00	-0.30240694D-05	0.32643643D+01
15	0.17418177D+01	0.56433372D-05	0.32643653D+01
16	0.11747701D+01	-0.30653448D-06	0.32643638D+01
67	0	0.00000000D+00	-0.27824060D-05
1	0.11747701D+01	0.22106380D-05	0.32643635D+01
2	0.65464821D+00	0.42302378D-07	0.32643629D+01
68	0	0.00000000D+00	-0.16192507D-05
1	0.65464821D+00	-0.14835060D-05	0.32643619D+01
2	0.13092964D+01	-0.12981513D-05	0.32643610D+01
3	0.26185928D+01	-0.54513380D-06	0.32643597D+01
4	0.52371857D+01	0.41151525D-05	0.32643632D+01
5	0.29249010D+01	-0.25653566D-06	0.32643596D+01
6	0.30605885D+01	-0.11144566D-06	0.32643596D+01
69	0	0.00000000D+00	-0.11860747D-05
1	0.30605885D+01	0.69471506D-06	0.32643583D+01

	2	0.19300863D+01	-0.26095044D-06	0.32643581D+01
	3	0.22387770D+01	-0.38881171D-07	0.32643580D+01
70	0	0.00000000D+00	-0.10236640D-05	0.32643580D+01
	1	0.22387770D+01	-0.76646611D-06	0.32643560D+01
	2	0.44775540D+01	-0.55545688D-06	0.32643546D+01
	3	0.89551080D+01	-0.24000461D-06	0.32643528D+01
	4	0.17910216D+02	0.19027842D-06	0.32643527D+01
	5	0.13950116D+02	0.10474732D-07	0.32643523D+01
71	0	0.00000000D+00	-0.88844242D-06	0.32643523D+01
	1	0.13950116D+02	0.35321180D-05	0.32643627D+01
	2	0.28036886D+01	-0.49849762D-06	0.32643503D+01
	3	0.41822540D+01	-0.23760061D-06	0.32643498D+01
	4	0.47979101D+01	-0.10395491D-06	0.32643497D+01
	5	0.50595706D+01	-0.43740443D-07	0.32643497D+01
72	0	0.00000000D+00	-0.84442720D-06	0.32643497D+01
	1	0.50595706D+01	-0.28258045D-06	0.32643468D+01
	2	0.10119141D+02	0.25025959D-06	0.32643468D+01
	3	0.77428069D+01	0.31227973D-08	0.32643465D+01
73	0	0.00000000D+00	-0.68220528D-06	0.32643465D+01
	1	0.77428069D+01	-0.30698887D-06	0.32643426D+01
	2	0.15485614D+02	0.29369706D-06	0.32643423D+01
	3	0.11699876D+02	-0.45697219D-07	0.32643418D+01
74	0	0.00000000D+00	-0.68138836D-06	0.32643418D+01
	1	0.11699876D+02	0.20999050D-06	0.32643390D+01
	2	0.89436260D+01	-0.18489124D-07	0.32643387D+01
75	0	0.00000000D+00	-0.60774366D-06	0.32643387D+01
	1	0.89436260D+01	-0.30918962D-06	0.32643347D+01
	2	0.17887252D+02	-0.86591683D-07	0.32643330D+01
	3	0.35774504D+02	0.16385964D-06	0.32643340D+01
	4	0.24071636D+02	0.27245321D-07	0.32643328D+01
76	0	0.00000000D+00	-0.62935820D-06	0.32643328D+01
	1	0.24071636D+02	0.82142951D-06	0.32643333D+01
	2	0.10442384D+02	-0.11361717D-06	0.32643288D+01
	3	0.12098469D+02	-0.16422212D-07	0.32643287D+01
77	0	0.00000000D+00	-0.55817291D-06	0.32643287D+01
	1	0.12098469D+02	0.12711407D-06	0.32643253D+01
	2	0.98543207D+01	-0.61400435D-07	0.32643253D+01
	3	0.10585255D+02	-0.37535147D-08	0.32643252D+01

78	0	0.00000000D+00	-0.51700130D-06	0.32643252D+01
	1	0.10585255D+02	-0.27849315D-06	0.32643211D+01
	2	0.21170510D+02	-0.68186722D-07	0.32643192D+01
	3	0.42341019D+02	0.28941473D-06	0.32643217D+01
	4	0.25207260D+02	0.57164037D-08	0.32643191D+01
79	0	0.00000000D+00	-0.48693819D-06	0.32643191D+01
	1	0.25207260D+02	0.43977037D-06	0.32643157D+01
	2	0.13245132D+02	-0.16876602D-06	0.32643145D+01
	3	0.16562601D+02	-0.37712256D-07	0.32643141D+01
80	0	0.00000000D+00	-0.52415251D-06	0.32643141D+01
	1	0.16562601D+02	0.24500104D-05	0.32643256D+01
	2	0.29189152D+01	-0.20889555D-06	0.32643130D+01
	3	0.39908242D+01	-0.77200507D-07	0.32643129D+01
	4	0.43748632D+01	-0.27639426D-07	0.32643129D+01
81	0	0.00000000D+00	-0.46194232D-06	0.32643129D+01
	1	0.43748632D+01	-0.33117712D-06	0.32643111D+01
	2	0.87497264D+01	-0.20368832D-06	0.32643100D+01
	3	0.17499453D+02	0.42063054D-07	0.32643093D+01
82	0	0.00000000D+00	-0.49537938D-06	0.32643093D+01
	1	0.17499453D+02	0.75776060D-06	0.32643116D+01
	2	0.69177173D+01	0.25586922D-09	0.32643076D+01
83	0	0.00000000D+00	-0.41574884D-06	0.32643076D+01
	1	0.69177173D+01	-0.35872550D-06	0.32643049D+01
	2	0.13835435D+02	-0.30804819D-06	0.32643026D+01
	3	0.27670869D+02	-0.22433647D-06	0.32642989D+01
	4	0.55341738D+02	-0.11767412D-06	0.32642944D+01
	5	0.11068348D+03	-0.68389544D-07	0.32642899D+01
	6	0.22136695D+03	0.91080213D-08	0.32642825D+01
84	0	0.00000000D+00	-0.45564252D-06	0.32642825D+01
	1	0.22136695D+03	0.14820561D-03	0.32721335D+01
	2	0.67848342D+00	-0.42887365D-06	0.32642822D+01
	3	0.13152634D+01	-0.40447021D-06	0.32642819D+01
	4	0.19141754D+01	-0.38213014D-06	0.32642817D+01
	5	0.24785525D+01	-0.36160116D-06	0.32642814D+01
	6	0.30113100D+01	-0.34267093D-06	0.32642813D+01
	7	0.35150125D+01	-0.32515954D-06	0.32642811D+01
	8	0.39919280D+01	-0.30891347D-06	0.32642809D+01
	9	0.44440729D+01	-0.29380101D-06	0.32642808D+01
	10	0.48732474D+01	-0.27970845D-06	0.32642807D+01

11	0.52810663D+01	-0.26653716D-06	0.32642806D+01
12	0.56689836D+01	-0.25420113D-06	0.32642805D+01
13	0.60383136D+01	-0.24262503D-06	0.32642804D+01
14	0.63902485D+01	-0.23174257D-06	0.32642803D+01
15	0.67258733D+01	-0.22149520D-06	0.32642802D+01
16	0.70461785D+01	-0.21183099D-06	0.32642801D+01
17	0.73520710D+01	-0.20270370D-06	0.32642801D+01
18	0.76443835D+01	-0.19407204D-06	0.32642800D+01
19	0.79238826D+01	-0.18589899D-06	0.32642800D+01
20	0.81912756D+01	-0.17815126D-06	0.32642799D+01

85	0	0.00000000D+00	-0.31209677D-01	0.32642825D+01
	1	0.81912756D+01		
	2	0.40956378D+01		
	3	0.20478189D+01		
	4	0.10239095D+01		
	5	0.51195473D+00		
	6	0.25597736D+00		
	7	0.12798868D+00		
	8	0.63994341D-01		
	9	0.31997170D-01		
	10	0.15998585D-01		
	11	0.79992926D-02	0.12145665D+03	0.34495628D+01
	12	0.20549818D-05	-0.31707459D-01	0.32642799D+01
	13	0.41421949D-05	-0.31727136D-01	0.32642798D+01
	14	0.62301578D-05	-0.31746766D-01	0.32642797D+01
	15	0.83188666D-05	-0.31766340D-01	0.32642797D+01
	16	0.10408317D-04	-0.31785851D-01	0.32642796D+01
	17	0.12498503D-04	-0.31805290D-01	0.32642795D+01
	18	0.14589421D-04	-0.31824647D-01	0.32642795D+01
	19	0.16681062D-04	-0.31843915D-01	0.32642794D+01
	20	0.18773422D-04	-0.31863085D-01	0.32642793D+01

86	0	0.00000000D+00	-0.31283716D-01	0.32642825D+01
	1	0.18773422D-04	-0.31897213D-01	0.32642787D+01
	2	0.37546844D-04	-0.32060231D-01	0.32642781D+01
	3	0.75093687D-04	-0.32334943D-01	0.32642769D+01
	4	0.15018737D-03	-0.32509716D-01	0.32642745D+01
	5	0.30037475D-03	-0.30007583D-01	0.32642697D+01
	6	0.60074950D-03	-0.28186232D-02	0.32642639D+01

87	0	0.00000000D+00	-0.50173597D-04	0.32642639D+01
	1	0.60074950D-03	-0.50139372D-04	0.32642638D+01
	2	0.12014990D-02	-0.50105150D-04	0.32642638D+01
	3	0.24029980D-02	-0.50036718D-04	0.32642637D+01
	4	0.48059960D-02	-0.49899897D-04	0.32642636D+01

5	0.96119920D-02	-0.49626429D-04	0.32642634D+01	
6	0.19223984D-01	-0.49080188D-04	0.32642629D+01	
7	0.38447968D-01	-0.47990475D-04	0.32642620D+01	
8	0.76895936D-01	-0.45822041D-04	0.32642602D+01	
9	0.15379187D+00	-0.41528469D-04	0.32642568D+01	
10	0.30758374D+00	-0.33109105D-04	0.32642511D+01	
11	0.61516749D+00	-0.16898187D-04	0.32642434D+01	
12	0.12303350D+01	0.13361152D-04	0.32642424D+01	
13	0.95870491D+00	0.32066797D-06	0.32642406D+01	
88	0	0.00000000D+00	-0.22894237D-04	0.32642406D+01
1	0.95870491D+00	0.11670376D-03	0.32642669D+01	
2	0.15722875D+00	-0.14525381D-04	0.32642376D+01	
3	0.24594187D+00	-0.78527286D-05	0.32642366D+01	
4	0.29087839D+00	-0.38718733D-05	0.32642363D+01	
5	0.31232335D+00	-0.18216130D-05	0.32642362D+01	
89	0	0.00000000D+00	-0.97835664D-05	0.32642362D+01
1	0.31232335D+00	-0.84447517D-05	0.32642334D+01	
2	0.62464670D+00	-0.71221044D-05	0.32642310D+01	
3	0.12492934D+01	-0.44638674D-05	0.32642273D+01	
4	0.24985868D+01	0.13321264D-05	0.32642253D+01	
5	0.22114545D+01	-0.93055075D-07	0.32642251D+01	
90	0	0.00000000D+00	-0.59031260D-05	0.32642251D+01
1	0.22114545D+01	-0.37789387D-05	0.32642145D+01	
2	0.44229091D+01	-0.20644978D-05	0.32642081D+01	
3	0.88458182D+01	0.35269094D-06	0.32642048D+01	
91	0	0.00000000D+00	-0.56677591D-05	0.32642048D+01
1	0.88458182D+01	0.18724032D-04	0.32642333D+01	
2	0.20554442D+01	-0.33233993D-05	0.32641952D+01	
3	0.30790158D+01	-0.15219711D-05	0.32641927D+01	
4	0.35125288D+01	-0.61759558D-06	0.32641923D+01	
5	0.36828256D+01	-0.23823381D-06	0.32641922D+01	
92	0	0.00000000D+00	-0.50380257D-05	0.32641922D+01
1	0.36828256D+01	-0.18545045D-05	0.32641793D+01	
2	0.73656511D+01	0.20769274D-05	0.32641794D+01	
3	0.54200594D+01	-0.11094551D-06	0.32641776D+01	
93	0	0.00000000D+00	-0.40881922D-05	0.32641776D+01
1	0.54200594D+01	-0.13446313D-05	0.32641629D+01	
2	0.10840119D+02	0.13635867D-05	0.32641629D+01	
3	0.81111211D+01	0.43959986D-08	0.32641611D+01	

94	0	0.00000000D+00	-0.37952037D-05	0.32641611D+01
	1	0.81111211D+01	-0.16623571D-05	0.32641360D+01
	2	0.16222242D+02	0.76375823D-05	0.32641535D+01
	3	0.95609778D+01	-0.69028699D-06	0.32641343D+01
	4	0.10113122D+02	-0.25301496D-06	0.32641340D+01
95	0	0.00000000D+00	-0.36487165D-05	0.32641340D+01
	1	0.10113122D+02	0.16588468D-04	0.32641744D+01
	2	0.18233720D+01	-0.19511363D-05	0.32641288D+01
	3	0.26957979D+01	-0.92185115D-06	0.32641276D+01
	4	0.30862916D+01	-0.40804344D-06	0.32641273D+01
	5	0.32549881D+01	-0.17524399D-06	0.32641273D+01
96	0	0.00000000D+00	-0.32971095D-05	0.32641273D+01
	1	0.32549881D+01	-0.26544353D-05	0.32641176D+01
	2	0.65099762D+01	-0.20434475D-05	0.32641099D+01
	3	0.13019952D+02	-0.88141735D-06	0.32641005D+01
	4	0.26039905D+02	0.14506349D-05	0.32641039D+01
	5	0.17940945D+02	-0.20809927D-07	0.32640982D+01
97	0	0.00000000D+00	-0.30208981D-05	0.32640982D+01
	1	0.17940945D+02	-0.11432707D-05	0.32640613D+01
	2	0.35881890D+02	0.46261538D-06	0.32640556D+01
	3	0.30713555D+02	0.26906256D-07	0.32640543D+01
98	0	0.00000000D+00	-0.29554836D-05	0.32640543D+01
	1	0.30713555D+02	0.48354118D-05	0.32640386D+01
	2	0.11651216D+02	-0.19699478D-05	0.32640239D+01
	3	0.17169192D+02	-0.78652000D-06	0.32640161D+01
	4	0.19064077D+02	-0.24784605D-06	0.32640151D+01
99	0	0.00000000D+00	-0.31953978D-05	0.32640151D+01
	1	0.19064077D+02	0.13542246D-03	0.32648536D+01
	2	0.43946221D+00	-0.25065776D-05	0.32640138D+01
	3	0.77792642D+00	-0.19272993D-05	0.32640131D+01
	4	0.10345187D+01	-0.14587852D-05	0.32640126D+01
	5	0.12266652D+01	-0.10909007D-05	0.32640124D+01
	6	0.13692069D+01	-0.80836790D-06	0.32640122D+01
	7	0.14742049D+01	-0.59493086D-06	0.32640122D+01
	8	0.15511418D+01	-0.43563974D-06	0.32640121D+01
	9	0.16072984D+01	-0.31781404D-06	0.32640121D+01
100	0	0.00000000D+00	-0.25507417D-05	0.32640121D+01
	1	0.16072984D+01	-0.22979912D-05	0.32640082D+01
	2	0.32145968D+01	-0.20330190D-05	0.32640047D+01
	3	0.64291937D+01	-0.14596544D-05	0.32639991D+01

	4	0.12858387D+02	-0.92182024D-07	0.32639939D+01
101	0	0.00000000D+00	-0.24266822D-05	0.32639939D+01
	1	0.12858387D+02	-0.12998036D-05	0.32639700D+01
	2	0.25716775D+02	-0.14173073D-06	0.32639606D+01
102	0	0.00000000D+00	-0.25640700D-05	0.32639606D+01
	1	0.25716775D+02	0.46236098D-05	0.32639786D+01
	2	0.91739771D+01	-0.39620285D-06	0.32639470D+01
	3	0.10479664D+02	-0.75224451D-07	0.32639467D+01
103	0	0.00000000D+00	-0.23642433D-05	0.32639467D+01
	1	0.10479664D+02	-0.16645423D-05	0.32639257D+01
	2	0.20959328D+02	-0.10411663D-05	0.32639116D+01
	3	0.41918656D+02	-0.52487354D-08	0.32639011D+01
104	0	0.00000000D+00	-0.23385491D-05	0.32639011D+01
	1	0.41918656D+02	-0.18078121D-06	0.32638343D+01
105	0	0.00000000D+00	-0.29452342D-05	0.32638343D+01
	1	0.41918656D+02	0.35825028D-03	0.32686528D+01
	2	0.34181006D+00	-0.24545109D-05	0.32638333D+01
	3	0.62473068D+00	-0.20323075D-05	0.32638327D+01
	4	0.85766438D+00	-0.16735976D-05	0.32638323D+01
	5	0.10485925D+01	-0.13719825D-05	0.32638320D+01
	6	0.12045144D+01	-0.11205308D-05	0.32638318D+01
	7	0.13314626D+01	-0.91235958D-06	0.32638317D+01
	8	0.14345638D+01	-0.74099895D-06	0.32638316D+01
	9	0.15181276D+01	-0.60059243D-06	0.32638315D+01
	10	0.15857441D+01	-0.48598074D-06	0.32638315D+01
	11	0.16403832D+01	-0.39270976D-06	0.32638315D+01
	12	0.16844874D+01	-0.31699279D-06	0.32638314D+01
	13	0.17200566D+01	-0.25564839D-06	0.32638314D+01
106	0	0.00000000D+00	-0.23305991D-05	0.32638314D+01
	1	0.17200566D+01	-0.22015266D-05	0.32638275D+01
	2	0.34401132D+01	-0.20706178D-05	0.32638239D+01
	3	0.68802264D+01	-0.18031972D-05	0.32638172D+01
	4	0.13760453D+02	-0.12452851D-05	0.32638067D+01
	5	0.27520906D+02	-0.31921603D-07	0.32637977D+01
107	0	0.00000000D+00	-0.22571854D-05	0.32637977D+01
	1	0.27520906D+02	-0.12887586D-05	0.32637490D+01
	2	0.55041812D+02	-0.32016270D-06	0.32637268D+01
	3	0.11008362D+03	0.16179076D-05	0.32637625D+01
	4	0.64134534D+02	-0.92202720D-10	0.32637254D+01

108	0	0.00000000D+00	-0.22005757D-05	0.32637254D+01
1		0.64134534D+02	-0.14067921D-05	0.32636097D+01
2		0.12826907D+03	-0.61979104D-06	0.32635448D+01
3		0.25653813D+03	0.93475026D-06	0.32635652D+01
4		0.17940957D+03	0.30489159D-08	0.32635290D+01
109	0	0.00000000D+00	-0.21783876D-05	0.32635290D+01
1		0.17940957D+03	0.61565375D-05	0.32635298D+01
2		0.46889874D+02	-0.20555155D-05	0.32634265D+01
3		0.80060176D+02	-0.13328213D-05	0.32633685D+01
4		0.97740593D+02	-0.65067627D-06	0.32633507D+01
5		0.10554703D+03	-0.27308823D-06	0.32633470D+01
6		0.10868422D+03	-0.10726961D-06	0.32633464D+01
110	0	0.00000000D+00	-0.27570657D-05	0.32633464D+01
1		0.10868422D+03	0.65966364D-02	0.34263953D+01
2		0.45405619D-01	-0.26629527D-05	0.32633463D+01
3		0.89243611D-01	-0.25716261D-05	0.32633462D+01
4		0.13156167D+00	-0.24830338D-05	0.32633461D+01
5		0.17240650D+00	-0.23971222D-05	0.32633460D+01
6		0.21182380D+00	-0.23138366D-05	0.32633459D+01
7		0.24985825D+00	-0.22331216D-05	0.32633458D+01
8		0.28655349D+00	-0.21549209D-05	0.32633457D+01
9		0.32195216D+00	-0.20791778D-05	0.32633456D+01
10		0.35609584D+00	-0.20058354D-05	0.32633456D+01
11		0.38902509D+00	-0.19348363D-05	0.32633455D+01
12		0.42077947D+00	-0.18661232D-05	0.32633455D+01
13		0.45139746D+00	-0.17996391D-05	0.32633454D+01
14		0.48091658D+00	-0.17353268D-05	0.32633453D+01
15		0.50937331D+00	-0.16731298D-05	0.32633453D+01
16		0.53680315D+00	-0.16129917D-05	0.32633452D+01
17		0.56324060D+00	-0.15548568D-05	0.32633452D+01
18		0.58871920D+00	-0.14986699D-05	0.32633452D+01
19		0.61327151D+00	-0.14443764D-05	0.32633451D+01
20		0.63692917D+00	-0.13919226D-05	0.32633451D+01
111	0	0.00000000D+00	-0.95952085D-01	0.32633464D+01
1		0.63692917D+00		
2		0.31846458D+00		
3		0.15923229D+00		
4		0.79616146D-01		
5		0.39808073D-01		
6		0.19904036D-01	0.12886681D+02	0.33225344D+01
7		0.14710682D-03	-0.91373816D-01	0.32633315D+01
8		0.28620826D-03	-0.88979629D-01	0.32633189D+01

9	0.42073607D-03	-0.86579585D-01	0.32633071D+01
10	0.55076168D-03	-0.84162672D-01	0.32632960D+01
11	0.67633742D-03	-0.81721431D-01	0.32632856D+01
12	0.79750232D-03	-0.79251541D-01	0.32632758D+01
13	0.91428700D-03	-0.76751443D-01	0.32632667D+01
14	0.10267179D-02	-0.74221980D-01	0.32632583D+01
15	0.11348209D-02	-0.71666047D-01	0.32632504D+01
16	0.12386239D-02	-0.69088256D-01	0.32632431D+01
17	0.13381596D-02	-0.66494607D-01	0.32632363D+01
18	0.14334667D-02	-0.63892179D-01	0.32632301D+01
19	0.15245921D-02	-0.61288822D-01	0.32632244D+01
20	0.16115906D-02	-0.58692883D-01	0.32632192D+01
112	0	0.00000000D+00	-0.14792618D+00
1	0.16115906D-02	-0.59085778D-01	0.32630730D+01
2	0.32231812D-02	0.60600511D-01	0.32630623D+01
3	0.24071879D-02	-0.11045687D-01	0.32630438D+01
113	0	0.00000000D+00	-0.95310090D-03
1	0.24071879D-02	-0.95152728D-03	0.32630416D+01
2	0.48143757D-02	-0.94995974D-03	0.32630393D+01
3	0.96287515D-02	-0.94684277D-03	0.32630347D+01
4	0.19257503D-01	-0.94068076D-03	0.32630256D+01
5	0.38515006D-01	-0.92863947D-03	0.32630076D+01
6	0.77030012D-01	-0.90564869D-03	0.32629723D+01
7	0.15406002D+00	-0.86372059D-03	0.32629042D+01
8	0.30812005D+00	-0.79356943D-03	0.32627767D+01
9	0.61624009D+00	-0.68804022D-03	0.32625493D+01
10	0.12324802D+01	-0.45672269D-03	0.32621890D+01
11	0.24649604D+01	0.13367807D-02	0.32624523D+01
12	0.15463361D+01	-0.23591249D-03	0.32620774D+01
13	0.16841347D+01	-0.10021333D-03	0.32620540D+01
14	0.17385881D+01	-0.38745222D-04	0.32620502D+01
114	0	0.00000000D+00	-0.71738104D-03
1	0.17385881D+01	-0.41801624D-03	0.32610692D+01
2	0.34771762D+01	-0.15903911D-03	0.32605732D+01
3	0.69543523D+01	0.24720387D-03	0.32607679D+01
4	0.48384477D+01	0.17100045D-04	0.32604792D+01
115	0	0.00000000D+00	-0.68181321D-03
1	0.48384477D+01	0.31137352D-03	0.32579431D+01
2	0.33215482D+01	-0.47206371D-03	0.32581377D+01
3	0.42355630D+01	-0.69589879D-04	0.32578752D+01
4	0.43456908D+01	-0.73136762D-05	0.32578709D+01

116	0	0.00000000D+00	-0.52661191D-03	0.32578709D+01
	1	0.43456908D+01	0.28762427D-02	0.32609728D+01
	2	0.67252139D+00	-0.31943006D-03	0.32575820D+01
	3	0.10396806D+01	-0.17030303D-03	0.32574912D+01
	4	0.12244878D+01	-0.84443137D-04	0.32574676D+01
	5	0.13135091D+01	-0.40352921D-04	0.32574620D+01
117	0	0.00000000D+00	-0.46260397D-03	0.32574620D+01
	1	0.13135091D+01	-0.41718959D-03	0.32568841D+01
	2	0.26270182D+01	-0.37078556D-03	0.32563665D+01
	3	0.52540365D+01	-0.27195349D-03	0.32555200D+01
	4	0.10508073D+02	-0.28294580D-04	0.32546969D+01
118	0	0.00000000D+00	-0.45337320D-03	0.32546969D+01
	1	0.10508073D+02	-0.15063435D-03	0.32514964D+01
	2	0.21016146D+02	0.23994955D-03	0.32518367D+01
	3	0.14560664D+02	-0.16850755D-04	0.32511516D+01
119	0	0.00000000D+00	-0.44167651D-03	0.32511516D+01
	1	0.14560664D+02	-0.54041111D-04	0.32473249D+01
	2	0.29121328D+02	0.52435180D-03	0.32505083D+01
	3	0.15921114D+02	-0.83584209D-05	0.32472822D+01
120	0	0.00000000D+00	-0.43819983D-03	0.32472822D+01
	1	0.15921114D+02	-0.12996505D-03	0.32422410D+01
	2	0.31842227D+02	0.85819316D-03	0.32466109D+01
	3	0.18015098D+02	-0.53584534D-04	0.32420468D+01
	4	0.18827709D+02	-0.20768008D-04	0.32420165D+01
121	0	0.00000000D+00	-0.44856477D-03	0.32420165D+01
	1	0.18827709D+02	0.12725559D-02	0.32461175D+01
	2	0.49069464D+01	-0.19668742D-03	0.32403977D+01
	3	0.67705170D+01	-0.75864780D-04	0.32401413D+01
	4	0.74488782D+01	-0.27814940D-04	0.32401060D+01
122	0	0.00000000D+00	-0.44054071D-03	0.32401060D+01
	1	0.74488782D+01	0.67175868D-04	0.32386031D+01
	2	0.64633187D+01	-0.10542047D-04	0.32385754D+01
123	0	0.00000000D+00	-0.43676629D-03	0.32385754D+01
	1	0.64633187D+01	-0.20913827D-03	0.32364581D+01
	2	0.12926637D+02	0.80955304D-04	0.32360058D+01
	3	0.11122944D+02	-0.72586297D-05	0.32359403D+01
124	0	0.00000000D+00	-0.42065404D-03	0.32359403D+01
	1	0.11122944D+02	-0.37293136D-03	0.32315275D+01

2	0.22245888D+02	-0.32618122D-03	0.32276405D+01
3	0.44491775D+02	-0.23687621D-03	0.32213890D+01
4	0.88983551D+02	-0.75193808D-04	0.32145148D+01
5	0.17796710D+03	0.34544471D-03	0.32236754D+01
6	0.10489035D+03	-0.19689984D-04	0.32137591D+01
125	0	0.00000000D+00	-0.51740539D-03
	1	0.10489035D+03	0.32137591D+01
	2	0.52445174D+02	
	3	0.26222587D+02	0.84870669D-02
	4	0.15067744D+01	0.32635695D+01
	5	0.25682893D+01	-0.38086729D-03
	6	0.33308787D+01	0.32127297D+01
	7	0.38852557D+01	-0.28272888D-03
	8	0.42913147D+01	0.32125415D+01
	9	0.45902119D+01	-0.21063549D-03
	10	0.48109647D+01	0.32124395D+01
	11	0.49743800D+01	-0.15713860D-03
			0.32123838D+01
			-0.11726686D-03
			0.32123531D+01
			-0.87501249D-04
			0.32123363D+01
			-0.65272167D-04
			0.32123270D+01
126	0	0.00000000D+00	-0.49397061D-03
	1	0.49743800D+01	0.32123270D+01
	2	0.63628521D-03	0.32126720D+01
		0.21740189D+01	-0.27716510D-05
			0.32117857D+01
127	0	0.00000000D+00	-0.44882481D-03
	1	0.21740189D+01	0.32117857D+01
	2	0.43480378D+01	-0.37136354D-03
	3	0.86960756D+01	0.32108930D+01
	4	0.17392151D+02	-0.28552046D-03
	5	0.95037866D+01	0.32101771D+01
			-0.72121722D-04
			0.32093748D+01
			0.70436385D-03
			0.32116508D+01
			-0.23795956D-04
			0.32093358D+01
128	0	0.00000000D+00	-0.43559757D-03
	1	0.95037866D+01	0.32093358D+01
	2	0.75886111D+01	0.10993392D-03
			0.32074393D+01
			-0.39551077D-04
			0.32073762D+01
129	0	0.00000000D+00	-0.45094979D-03
	1	0.75886111D+01	0.32073762D+01
	2	0.49556215D+01	0.23959579D-03
	3	0.54656462D+01	0.32062675D+01
			-0.57560900D-04
			0.32060451D+01
			-0.59256632D-05
			0.32060288D+01
130	0	0.00000000D+00	-0.43007568D-03
	1	0.54656462D+01	0.32060288D+01
			-0.29822854D-04
			0.32047459D+01
131	0	0.00000000D+00	-0.42944116D-03
	1	0.54656462D+01	0.32047459D+01
	2	0.10931292D+02	-0.27863003D-03
	3	0.21862585D+02	0.32028096D+01
			-0.12418415D-03
			0.32017067D+01
			0.20448127D-03
			0.32021156D+01

	4	0.15061612D+02	-0.37696354D-05	0.32014412D+01
132	0	0.00000000D+00	-0.41889822D-03	0.32014412D+01
	1	0.15061612D+02	-0.16715805D-03	0.31969991D+01
	2	0.30123224D+02	0.11632428D-03	0.31965639D+01
	3	0.23942835D+02	-0.51287694D-05	0.31962245D+01
133	0	0.00000000D+00	-0.41146326D-03	0.31962245D+01
	1	0.23942835D+02	-0.27462318D-03	0.31880188D+01
	2	0.47885670D+02	-0.14093273D-03	0.31830489D+01
	3	0.95771340D+02	0.12256366D-03	0.31826152D+01
	4	0.73497627D+02	0.17548683D-06	0.31812488D+01
134	0	0.00000000D+00	-0.39886397D-03	0.31812488D+01
	1	0.73497627D+02	0.18662297D-03	0.31717673D+01
	2	0.50070383D+02	-0.31747191D-04	0.31700307D+01
135	0	0.00000000D+00	-0.48079948D-03	0.31700307D+01
	1	0.50070383D+02	0.34964887D-01	0.36591077D+01
	2	0.67917471D+00	-0.34041465D-03	0.31697518D+01
	3	0.11554060D+01	-0.24112009D-03	0.31696133D+01
	4	0.14904166D+01	-0.17082337D-03	0.31695443D+01
	5	0.17266034D+01	-0.12103327D-03	0.31695098D+01
	6	0.18933713D+01	-0.85759792D-04	0.31694926D+01
	7	0.20112479D+01	-0.60767750D-04	0.31694839D+01
	8	0.20946281D+01	-0.43059372D-04	0.31694796D+01
136	0	0.00000000D+00	-0.27843833D-03	0.31694796D+01
	1	0.20946281D+01	-0.15522481D-03	0.31690276D+01
	2	0.41892562D+01	-0.43714649D-04	0.31688212D+01
	3	0.83785124D+01	0.15037765D-03	0.31690568D+01
	4	0.51327860D+01	0.31282254D-05	0.31688022D+01
137	0	0.00000000D+00	-0.15341823D-03	0.31688022D+01
	1	0.51327860D+01	0.90105815D-04	0.31686389D+01
	2	0.32336148D+01	-0.23447865D-06	0.31685536D+01
138	0	0.00000000D+00	-0.89190940D-04	0.31685536D+01
	1	0.32336148D+01	-0.36163755D-04	0.31683504D+01
	2	0.64672295D+01	0.18851180D-04	0.31683218D+01
	3	0.53592131D+01	-0.24528320D-06	0.31683115D+01
139	0	0.00000000D+00	-0.73614529D-04	0.31683115D+01
	1	0.53592131D+01	-0.55228631D-04	0.31679662D+01
	2	0.10718426D+02	-0.36322236D-04	0.31677205D+01
	3	0.21436852D+02	0.56664998D-05	0.31675495D+01

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2 0.71315491D+01 0.59301941D-05 0.31672973D+01

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3 0.10550012D+02 -0.32726530D-05 0.31668900D+01

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2 0.78778675D+01 -0.88777949D-05 0.31655690D+01
3 0.15755735D+02 0.23203798D-04 0.31656278D+01
4 0.10057874D+02 0.35670381D-06 0.31655598D+01

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3 0.40231497D+02 0.36108706D-04 0.31653157D+01
4 0.23838563D+02 -0.15972020D-05 0.31650565D+01

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2 0.13626701D+02 -0.58773922D-05 0.31647441D+01
3 0.15329955D+02 -0.10252138D-05 0.31647382D+01

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1 0.15329955D+02 -0.19998717D-04 0.31643037D+01
2 0.30659909D+02 -0.68873129D-05 0.31641025D+01
3 0.61319819D+02 0.10485093D-04 0.31641799D+01
4 0.42815071D+02 0.10806882D-05 0.31640691D+01

149	0	0.00000000D+00	-0.37692582D-04	0.31640691D+01
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	2	0.15964788D+02	-0.12224232D-05	0.31637568D+01
150	0	0.00000000D+00	-0.36133073D-04	0.31637568D+01
	1	0.15964788D+02	-0.44303205D-05	0.31634325D+01
	2	0.31929576D+02	0.28475887D-04	0.31636218D+01
	3	0.18114204D+02	-0.10426768D-06	0.31634276D+01
151	0	0.00000000D+00	-0.34357014D-04	0.31634276D+01
	1	0.18114204D+02	-0.25331057D-04	0.31628881D+01
	2	0.36228408D+02	-0.16234784D-04	0.31625102D+01
	3	0.72456816D+02	0.10404713D-04	0.31623501D+01
	4	0.58306918D+02	-0.22425261D-05	0.31622970D+01
152	0	0.00000000D+00	-0.42764620D-04	0.31622970D+01
	1	0.58306918D+02	0.10283830D+00	0.37703800D+01
	2	0.24236463D-01	-0.42485318D-04	0.31622960D+01
	3	0.48304691D-01	-0.42207584D-04	0.31622949D+01
	4	0.72205771D-01	-0.41931413D-04	0.31622939D+01
	5	0.95940784D-01	-0.41656796D-04	0.31622929D+01
	6	0.11951081D+00	-0.41383728D-04	0.31622920D+01
	7	0.14291690D+00	-0.41112201D-04	0.31622910D+01
	8	0.16616013D+00	-0.40842210D-04	0.31622900D+01
	9	0.18924156D+00	-0.40573746D-04	0.31622891D+01
	10	0.21216222D+00	-0.40306804D-04	0.31622882D+01
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	13	0.27997001D+00	-0.39515041D-04	0.31622855D+01
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	15	0.32439032D+00	-0.38994686D-04	0.31622837D+01
	16	0.34636806D+00	-0.38736735D-04	0.31622829D+01
	17	0.36819220D+00	-0.38480260D-04	0.31622820D+01
	18	0.38986373D+00	-0.38225255D-04	0.31622812D+01
	19	0.41138365D+00	-0.37971713D-04	0.31622804D+01
	20	0.43275293D+00	-0.37719627D-04	0.31622796D+01
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	1	0.43275293D+00	0.37971743D-03	0.31604390D+01
154	0	0.00000000D+00	-0.40930501D-02	0.31604390D+01
	1	0.43275293D+00	-0.30179089D-03	0.31595352D+01
155	0	0.00000000D+00	-0.20805406D-02	0.31595352D+01
	1	0.43275293D+00	0.19573274D-02	0.31595076D+01
	2	0.22297907D+00	-0.65905077D-05	0.31593136D+01

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1 0.22297907D+00 -0.51461919D-03 0.31591671D+01
2 0.44595813D+00 -0.24851811D-03 0.31590824D+01
3 0.89191627D+00 0.24385243D-03 0.31590827D+01
4 0.67105014D+00 0.43751954D-05 0.31590552D+01

157 0 0.00000000D+00 -0.24795574D-03 0.31590552D+01
1 0.67105014D+00 -0.15316308D-03 0.31589204D+01
2 0.13421003D+01 -0.54030237D-04 0.31588506D+01
3 0.26842006D+01 0.16696405D-03 0.31589222D+01
4 0.16702264D+01 -0.32583422D-05 0.31588411D+01

158 0 0.00000000D+00 -0.73748484D-04 0.31588411D+01
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162 0 0.00000000D+00 -0.62275209D-05 0.31586863D+01
1 0.33987205D+01 0.24487502D-05 0.31586792D+01
2 0.24394815D+01 -0.25409248D-06 0.31586782D+01

163 0 0.00000000D+00 -0.27798974D-05 0.31586782D+01
1 0.24394815D+01 0.15126960D-05 0.31586767D+01
2 0.15798161D+01 0.27442646D-07 0.31586760D+01

164 0 0.00000000D+00 -0.97091342D-06 0.31586760D+01
1 0.15798161D+01 0.79449350D-07 0.31586753D+01

165 0 0.00000000D+00 -0.36760932D-06 0.31586753D+01
1 0.15798161D+01 -0.21354698D-07 0.31586750D+01

166 0 0.00000000D+00 -0.13242892D-06 0.31586750D+01
1 0.15798161D+01 -0.60453785D-07 0.31586748D+01
2 0.31596323D+01 0.97938394D-08 0.31586748D+01

167 0 0.00000000D+00 -0.72674449D-07 0.31586748D+01
1 0.31596323D+01 -0.26353122D-07 0.31586746D+01
2 0.63192645D+01 0.20717752D-07 0.31586746D+01
3 0.49285855D+01 -0.95585616D-10 0.31586746D+01

168 0 0.00000000D+00 -0.53274153D-07 0.31586746D+01
1 0.49285855D+01 -0.20215677D-07 0.31586744D+01
2 0.98571710D+01 0.13863986D-07 0.31586744D+01
3 0.78521676D+01 -0.14298737D-09 0.31586744D+01

169 0 0.00000000D+00 -0.38873531D-07 0.31586744D+01
1 0.78521676D+01 0.56167454D-07 0.31586745D+01
2 0.32116826D+01 -0.20060813D-09 0.31586743D+01

170 0 0.00000000D+00 -0.12077813D-07 0.31586743D+01
1 0.32116826D+01 0.18450486D-07 0.31586744D+01
2 0.12706277D+01 -0.68967567D-12 0.31586743D+01

171 0 0.00000000D+00 -0.14229674D-08 0.31586743D+01
1 0.12706277D+01 0.40859968D-09 0.31586743D+01
2 0.98716657D+00 0.19025972D-13 0.31586743D+01

172 0 0.00000000D+00 -0.11580379D-09 0.31586743D+01
1 0.98716657D+00 -0.11979489D-10 0.31586743D+01
2 0.19743331D+01 0.91850133D-10 0.31586743D+01
3 0.11010623D+01 -0.27179625D-15 0.31586743D+01

173 0 0.00000000D+00 -0.10871008D-10 0.31586743D+01
1 0.11010623D+01 0.13541889D-13 0.31586743D+01

174 0 0.00000000D+00 -0.90202763D-12 0.31586743D+01
1 0.11010623D+01 -0.35796771D-13 0.31586743D+01

175 0 0.00000000D+00 -0.42916083D-13 0.31586743D+01
1 0.11010623D+01 0.21160485D-14 0.31586743D+01

176 0 0.00000000D+00 -0.39907060D-14 0.31586743D+01
1 0.11010623D+01 0.34672102D-15 0.31586743D+01

177 0 0.00000000D+00 -0.22613105D-15 0.31586743D+01
1 0.11010623D+01 -0.12108525D-16 0.31586743D+01

Number of Iterations =177

LISREL Estimates (Maximum Likelihood)

Measurement Equations

$$Y_{11} = 1.000 * Y_1, \text{Errorvar.} = 0.0832, R^2 = 0.934$$

(0.0242)
3.436

$$Y_{12} = 0.912 * Y_1, \text{Errorvar.} = 0.443, R^2 = 0.689$$

(0.0570) (0.0575)
15.998 7.704

$$Y_{13} = 0.839 * Y_1, \text{Errorvar.} = 0.515, R^2 = 0.617$$

(0.0599) (0.0648)
14.004 7.947

$$Y_{14} = 0.899 * Y_1, \text{Errorvar.} = 0.296, R^2 = 0.763$$

(0.0485) (0.0408)
18.519 7.268

$$Y_{15} = 0.878 * Y_1, \text{Errorvar.} = 0.309, R^2 = 0.746$$

(0.0490) (0.0418)
17.902 7.392

$$Y_{21} = 1.000 * Y_2, \text{Errorvar.} = 0.399, R^2 = 0.542$$

(0.0594)
6.719

$$Y_{22} = 1.220 * Y_2, \text{Errorvar.} = 0.168, R^2 = 0.807$$

(0.133) (0.0553)
9.192 3.046

$$Y_{23} = 0.999 * Y_2, \text{Errorvar.} = 0.391, R^2 = 0.547$$

(0.118) (0.0586)
8.457 6.675

$$Y_{31} = 1.000 * Y_3, \text{Errorvar.} = 0.460, R^2 = 0.498$$

(0.0618)
7.436

$$Y_{32} = 1.145 * Y_3, \text{Errorvar.} = 0.410, R^2 = 0.593$$

(0.131) (0.0611)

8.750 6.712

Y33 = 1.329*Y3, Errorvar.= 0.107 , R² = 0.882

(0.140) (0.0501)

9.523 2.145

Y41 = 1.000*Y4, Errorvar.= 0.422 , R² = 0.673

(0.0669)

6.301

Y42 = 0.878*Y4, Errorvar.= 0.401 , R² = 0.626

(0.0815) (0.0589)

10.774 6.810

Y43 = 0.981*Y4, Errorvar.= 0.145 , R² = 0.852

(0.0796) (0.0454)

12.330 3.198

X11 = 1.000*X1, Errorvar.= 0.131 , R² = 0.800

(0.0157)

8.338

X12 = 1.236*X1, Errorvar.= 0.0135 , R² = 0.983

(0.0531) (0.00295)

23.286 4.595

X13 = 1.057*X1, Errorvar.= 0.104 , R² = 0.849

(0.0574) (0.0126)

18.409 8.252

X14 = 1.132*X1, Errorvar.= 0.384 , R² = 0.635

(0.0853) (0.0455)

13.267 8.455

X15 = 1.147*X1, Errorvar.= 0.364 , R² = 0.654

(0.0841) (0.0431)

13.644 8.447

X16 = 0.994*X1, Errorvar.= 0.131 , R² = 0.798

(0.0585) (0.0157)

16.987 8.340

X17 = 1.209*X1, Errorvar.= 0.119 , R² = 0.865

(0.0640) (0.0145)

18.888 8.212

$$X21 = 1.000*X2, \text{Errorvar.} = 0.00975, R^2 = 0.988$$

(0.00292)
3.345

$$X31 = 1.000*X3, \text{Errorvar.} = 0.313, R^2 = 0.650$$

(0.0429)
7.303

$$X32 = 1.179*X3, \text{Errorvar.} = 0.139, R^2 = 0.853$$

(0.0887)	(0.0323)
13.285	4.310

$$X33 = 1.188*X3, \text{Errorvar.} = 0.162, R^2 = 0.835$$

(0.0903)	(0.0342)
13.150	4.739

Structural Equations

$$Y1 = 0.536*X1 - 0.0490*X2 + 0.00964*X3, \text{Errorvar.} = 1.161, R^2 = 0.131$$

(18.620)	(14.781)	(0.504)	(0.139)
1.514	-1.484	-0.385	5.210

$$Y2 = 0.288*X1 - 0.0301*X2 + 0.102*X3, \text{Errorvar.} = 0.673, R^2 = 0.105$$

(12.425)	(9.862)	(0.334)	(0.0767)
1.493	-1.478	0.0315	3.824

$$Y3 = 0.279*X1 + 0.206*X2 - 0.0135*X3, \text{Errorvar.} = 0.813, R^2 = 0.174$$

(12.527)	(9.940)	(0.334)	(0.0665)
1.504	-1.468	-0.506	3.359

$$Y4 = 0.243*Y1 + 0.227*Y2 + 0.204*Y3, \text{Errorvar.} = 0.832, R^2 = 0.192$$

(0.0776)	(0.129)	(0.133)	(0.106)
3.151	2.364	2.173	5.625

Reduced Form Equations

$$Y1 = 0.536*X1 - 0.0490*X2 + 0.00964*X3, \text{Errorvar.} = 1.161, R^2 = 0.131$$

(18.620)	(14.781)	(0.504)
1.514	-1.484	-0.385

$$Y2 = 0.288*X1 - 0.0301*X2 + 0.102*X3, \text{Errorvar.} = 0.673, R^2 = 0.105$$

(12.425)	(9.862)	(0.334)
----------	---------	---------

1.493 -1.478 0.0315

$Y3 = 0.279 \cdot X1 + 0.206 \cdot X2 - 0.0135 \cdot X3$, Errorvar.= 0.813, $R^2 = 0.174$

(12.527) (9.940) (0.334)

1.504 -1.468 -0.506

$Y4 = 0.252 \cdot X1 + 0.0234 \cdot X2 + 0.0227 \cdot X3$, Errorvar.= 0.969, $R^2 = 0.0595$

(11.716) (9.292) (0.314)

1.535 -1.509 -0.296

Covariance Matrix of Independent Variables

	X1	X2	X3
-----	-----	-----	-----
X1	0.523		
	(0.075)		
	6.967		
X2	0.656	0.823	
	(0.082)	(0.097)	
	8.029	8.441	
X3	0.357	0.446	0.581
	(0.062)	(0.075)	(0.101)
	5.792	5.941	5.781

Covariance Matrix of Latent Variables

	Y1	Y2	Y3	Y4	X1	X2	X3
-----	-----	-----	-----	-----	-----	-----	-----
Y1	1.179						
Y2	0.280	0.473					
Y3	0.324	0.195	0.455				
Y4	0.467	0.269	0.270	0.869			
X1	0.281	0.148	0.223	0.178	0.523		
X2	0.339	0.176	0.270	0.215	0.656	0.823	
X3	0.170	0.133	0.124	0.118	0.357	0.446	0.581

Goodness of Fit Statistics

Degrees of Freedom = 260

Minimum Fit Function Chi-Square = 222.333 (P = 0.0)

Normal Theory Weighted Least Squares Chi-Square = 160.451 (P = 0.0)

Estimated Non-centrality Parameter (NCP) = 500.451

90 Percent Confidence Interval for NCP = (421.629 ; 586.902)

Y13	0.990	0.903	1.346					
Y14	1.060	0.967	0.890	1.249				
Y15	1.036	0.944	0.869	0.931	1.218			
Y21	0.280	0.255	0.235	0.251	0.245	0.872		
Y22	0.341	0.311	0.286	0.307	0.299	0.577	0.872	
Y23	0.279	0.255	0.234	0.251	0.245	0.472	0.576	0.863
Y31	0.324	0.295	0.272	0.291	0.285	0.195	0.238	0.195
0.915								
Y32	0.371	0.338	0.311	0.334	0.326	0.223	0.272	0.223
0.521	1.007							
Y33	0.430	0.393	0.361	0.387	0.378	0.259	0.316	0.259
0.605	0.692							
Y41	0.467	0.426	0.392	0.420	0.410	0.269	0.328	0.269
0.270	0.309							
Y42	0.410	0.374	0.344	0.369	0.360	0.236	0.288	0.236
0.237	0.272							
Y43	0.458	0.418	0.385	0.412	0.402	0.264	0.322	0.263
0.265	0.303							
X11	0.281	0.256	0.236	0.253	0.247	0.148	0.180	0.148
0.223	0.255							
X12	0.348	0.317	0.292	0.313	0.305	0.183	0.223	0.183
0.275	0.315							
X13	0.297	0.271	0.249	0.267	0.261	0.156	0.191	0.156
0.235	0.269							
X14	0.318	0.290	0.267	0.286	0.279	0.167	0.204	0.167
0.252	0.288							
X15	0.323	0.294	0.271	0.290	0.283	0.170	0.207	0.169
0.255	0.292							
X16	0.280	0.255	0.235	0.251	0.246	0.147	0.179	0.147
0.221	0.253							
X17	0.340	0.310	0.285	0.306	0.299	0.179	0.218	0.179
0.269	0.308							
X21	0.339	0.309	0.284	0.305	0.298	0.176	0.215	0.176
0.270	0.309							
X31	0.170	0.155	0.143	0.153	0.149	0.133	0.163	0.133
0.124	0.142							
X32	0.201	0.183	0.168	0.180	0.176	0.157	0.192	0.157
0.146	0.167							
X33	0.202	0.184	0.170	0.182	0.177	0.158	0.193	0.158
0.147	0.169							

Fitted Covariance Matrix

	Y33	Y41	Y42	Y43	X11	X12	X13	X14
X15	X16							

Y33	0.911								
Y41	0.359	1.291							
Y42	0.315	0.763	1.072						
Y43	0.352	0.853	0.749	0.982					
X11	0.296	0.178	0.156	0.175	0.654				
X12	0.366	0.220	0.193	0.216	0.647	0.813			
X13	0.313	0.188	0.165	0.185	0.553	0.683	0.688		
X14	0.335	0.202	0.177	0.198	0.592	0.732	0.625	1.054	
X15	0.339	0.204	0.180	0.201	0.600	0.742	0.634	0.679	
1.053									
X16	0.294	0.177	0.156	0.174	0.520	0.643	0.550	0.588	
0.597	0.648								
X17	0.358	0.215	0.189	0.211	0.632	0.782	0.668	0.715	
0.725	0.629								
X21	0.359	0.215	0.188	0.210	0.656	0.811	0.693	0.742	
0.752	0.652								
X31	0.165	0.118	0.104	0.116	0.357	0.442	0.378	0.405	
0.410	0.355								
X32	0.194	0.139	0.122	0.137	0.421	0.521	0.445	0.477	
0.483	0.419								
X33	0.196	0.140	0.123	0.138	0.425	0.525	0.449	0.481	
0.487	0.422								

Fitted Covariance Matrix

	X17	X21	X31	X32	X33

X17	0.884				
X21	0.793	0.833			
X31	0.432	0.446	0.894		
X32	0.509	0.526	0.685	0.946	
X33	0.513	0.530	0.690	0.814	0.982

Fitted Residuals

	Y11	Y12	Y13	Y14	Y15	Y21	Y22	Y23

Y31	Y32							

Y11	0.000							
Y12	-0.009	0.000						
Y13	-0.011	-0.039	0.000					
Y14	0.009	-0.041	0.083	0.000				
Y15	0.010	0.082	-0.032	-0.067	0.000			

Y42	-0.065	0.000	0.000					
Y43	-0.015	-0.004	0.004	0.000				
X11	0.007	0.018	-0.008	0.003	0.000			
X12	-0.013	0.050	-0.026	-0.016	-0.011	0.000		
X13	-0.006	-0.001	-0.026	-0.016	0.092	-0.009	0.000	
X14	-0.042	0.039	-0.107	-0.035	0.027	0.005	0.034	0.000
X15	0.058	0.016	-0.014	0.029	0.018	-0.008	0.028	-0.083
0.000								
X16	-0.003	0.029	-0.018	-0.005	0.117	-0.007	0.079	0.041
0.005	0.000							
X17	-0.052	0.022	-0.020	-0.011	-0.004	0.001	-0.004	-0.031
0.035	-0.018							
X21	-0.014	0.060	-0.017	-0.013	-0.006	0.002	-0.005	-0.008
-0.001	-0.008							
X31	0.024	0.027	0.013	-0.064	-0.008	0.044	0.018	0.163
0.041	-0.002							
X32	-0.057	-0.126	-0.123	-0.139	-0.071	-0.018	-0.030	0.058
0.006	-0.060							
X33	0.031	-0.069	-0.059	-0.098	-0.039	0.015	-0.001	0.052
0.071	-0.032							

Fitted Residuals

	X17	X21	X31	X32	X33
X17	0.000				
X21	0.002	0.000			
X31	0.021	0.040	0.000		
X32	-0.032	-0.023	0.003	0.000	
X33	0.016	0.009	-0.012	0.003	0.000

Summary Statistics for Fitted Residuals

Smallest Fitted Residual = -0.139

Median Fitted Residual = 0.006

Largest Fitted Residual = 0.318

Stemleaf Plot

```

-12|963
-10|76
- 8|89730
- 6|9871987655400
- 4|99766422210765521
- 2|998754222211000988877766654332100

```

```

-
0|88877665444443332111109988888766554443333221110000000000000000000
00000000
0|1122233334555556777789990001222334455666888889
2|1122333344577777889990001134455777999
4|0000001122223455680011223456888
6|001223556669001146899
8|22348126779
10|12377
12|348900255
14|15806
16|33674
18|55158
20|28
22|
24|
26|0
28|
30|8

```

Standardized Residuals									
	Y11	Y12	Y13	Y14	Y15	Y21	Y22	Y23	
Y31	Y32								
	-----	-----	-----	-----	-----	-----	-----	-----	-----

Y11	--								
Y12	-1.199	--							
Y13	-1.242	-1.088	--						
Y14	1.602	-1.657	3.000	--					
Y15	1.825	3.199	-1.128	-3.396	--				
Y21	1.046	1.657	2.918	2.726	1.788	--			
Y22	-2.853	0.996	0.929	0.122	-1.260	2.719	--		
Y23	-0.068	2.111	1.997	0.678	0.489	-3.890	1.547	--	
Y31	2.315	2.965	3.131	4.508	1.096	5.766	2.809	0.038	
--									
Y32	-0.659	-0.685	0.235	-0.006	-1.387	-0.360	-0.632	2.744	
-3.877	--								
Y33	-2.275	0.484	0.096	0.708	-2.684	-0.897	-2.792	3.164	
1.464	3.016								
Y41	0.842	0.899	1.241	0.703	0.720	1.212	-0.686	0.962	
1.045	1.636								
Y42	-0.986	0.688	0.286	0.307	-0.887	1.255	-1.201	0.736	
0.625	0.594								
Y43	-0.962	2.032	0.223	-1.387	-0.334	1.336	-1.170	1.224	
1.566	1.206								

X11	-0.872	0.557	0.231	1.578	-1.072	0.893	-1.676	3.094
0.534	1.271							
X12	-0.967	0.491	0.932	2.065	-0.578	0.233	-4.386	4.373
0.237	1.508							
X13	-0.105	0.957	0.612	1.744	-0.643	0.068	-2.143	3.305
-0.305	0.984							
X14	3.025	1.994	2.023	3.098	1.539	0.507	-0.284	2.865
0.384	0.088							
X15	0.125	1.482	0.413	0.646	0.183	1.403	-0.364	3.772
0.512	1.575							
X16	-0.340	0.370	0.824	1.862	-0.647	1.007	-1.750	3.150
0.277	1.051							
X17	-2.411	-0.179	-0.599	0.458	-1.906	-0.060	-1.861	4.041
-0.615	1.397							
X21	-2.053	0.609	0.715	1.816	-0.616	0.373	-3.641	4.600
0.020	1.613							
X31	0.758	0.974	1.191	2.851	1.682	1.822	0.303	2.340
2.625	1.153							
X32	-2.365	0.541	-0.534	0.534	0.491	-0.499	-1.370	1.021
0.268	-0.517							
X33	-0.438	0.696	-0.032	0.839	1.241	0.669	-1.003	1.754
1.297	0.498							

Standardized Residuals

	Y33	Y41	Y42	Y43	X11	X12	X13	X14
X15	X16							
Y33	--							
Y41	-0.637	-0.431						
Y42	-1.563	-0.012	-0.431					
Y43	-0.768	-0.909	0.780	-0.431				
X11	0.267	0.284	-0.145	0.066	--			
X12	-1.215	0.741	-0.427	-0.296	-4.459	--		
X13	-0.264	-0.013	-0.440	-0.307	9.803	-4.155	--	
X14	-0.950	0.474	-1.407	-0.506	1.506	0.982	2.089	--
X15	1.330	0.194	-0.183	0.419	1.013	-1.827	1.808	-2.711
--								
X16	-0.103	0.465	-0.309	-0.099	11.133	-2.531	8.506	2.235
0.302	--							
X17	-2.029	0.305	-0.307	-0.193	-0.391	0.226	-0.402	-1.816
2.053	-1.773							
X21	-1.345	0.873	-0.272	-0.239	-3.107	8.025	-2.754	-2.281
-0.312	-3.919							

X31	0.583	0.334	0.185	-0.947	-0.237	1.537	0.576	3.373
0.864	-0.074							
X32	-2.339	-1.603	-1.696	-2.118	-2.824	-1.251	-1.288	1.394
0.145	-2.381							
X33	1.162	-0.858	-0.794	-1.457	-1.468	0.962	-0.037	1.205
1.686	-1.217							

Standardized Residuals

	X17	X21	X31	X32	X33
-----	-----	-----	-----	-----	-----
X17	--				
X21	1.242	--			
X31	0.601	1.405	--		
X32	-1.266	-1.686	0.436	--	
X33	0.611	0.580	-1.558	1.415	--

Summary Statistics for Standardized Residuals

Smallest Standardized Residual = -4.459

Median Standardized Residual = 0.233

Largest Standardized Residual = 11.133

Stemleaf Plot

```

- 4|542
- 3|999641
- 2|98887754443331110
- 1|99888877776665544443333222221110000
-
0|999999988777666666655554444444443333333332222111111000000000
00000000000000000000

0|11111122222222333333333444444555555555556666666666777777777
88888999999
1|000000000000112222222223333344444555555566666677778888889
2|0000111123367778999
3|0000111222348
4|0456
5|8
6|
7|
8|05
9|8
10|
11|1

```

Largest Negative Standardized Residuals

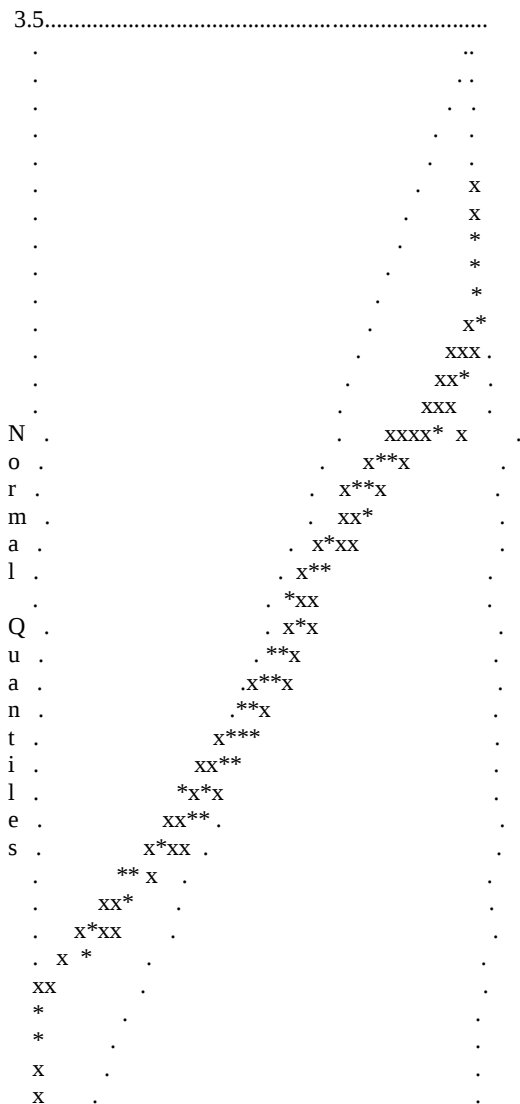
Residual for	Y15 and	Y14	-3.396
Residual for	Y22 and	Y11	-2.853
Residual for	Y23 and	Y21	-3.890
Residual for	Y32 and	Y31	-3.877
Residual for	Y33 and	Y15	-2.684
Residual for	Y33 and	Y22	-2.792
Residual for	X12 and	Y22	-4.386
Residual for	X12 and	X11	-4.459
Residual for	X13 and	X12	-4.155
Residual for	X15 and	X14	-2.711
Residual for	X21 and	Y22	-3.641
Residual for	X21 and	X11	-3.107
Residual for	X21 and	X13	-2.754
Residual for	X21 and	X16	-3.919
Residual for	X32 and	X11	-2.824

Largest Positive Standardized Residuals

Residual for	Y14 and	Y13	3.000
Residual for	Y15 and	Y12	3.199
Residual for	Y21 and	Y13	2.918
Residual for	Y21 and	Y14	2.726
Residual for	Y22 and	Y21	2.719
Residual for	Y31 and	Y12	2.965
Residual for	Y31 and	Y13	3.131
Residual for	Y31 and	Y14	4.508
Residual for	Y31 and	Y21	5.766
Residual for	Y31 and	Y22	2.809
Residual for	Y32 and	Y23	2.744
Residual for	Y33 and	Y23	3.164
Residual for	Y33 and	Y32	3.016
Residual for	X11 and	Y23	3.094
Residual for	X12 and	Y23	4.373
Residual for	X13 and	Y23	3.305
Residual for	X13 and	X11	9.803
Residual for	X14 and	Y11	3.025
Residual for	X14 and	Y14	3.098
Residual for	X14 and	Y23	2.865
Residual for	X15 and	Y23	3.772
Residual for	X16 and	Y23	3.150
Residual for	X16 and	X11	11.133
Residual for	X16 and	X13	8.506
Residual for	X17 and	Y23	4.041
Residual for	X21 and	Y23	4.600
Residual for	X21 and	X12	8.025
Residual for	X31 and	Y14	2.851
Residual for	X31 and	Y31	2.625

Residual for X31 and X14 3.373

Qplot of Standardized Residuals





The Modification Indices Suggest to Add the

Path to	from	Decrease in Chi-Square	New Estimate
Y11	Y2	9.4	-0.20
Y23	Y3	10.2	0.33
Y31	Y1	10.7	0.21
Y31	Y2	12.9	0.38

The Modification Indices Suggest to Add an Error Covariance

Between	and	Decrease in Chi-Square	New Estimate
Y14	Y13	9.0	0.11
Y15	Y12	10.2	0.12
Y15	Y14	11.5	-0.11
Y23	Y21	15.1	-0.24
Y31	Y14	10.5	0.11
Y31	Y21	42.0	0.26
Y31	Y23	38.0	-0.25
Y32	Y31	15.0	-0.22
Y33	Y21	11.9	-0.11
Y33	Y23	12.7	0.11
Y33	Y32	9.1	0.27
Y43	Y14	8.4	-0.08
X12	X11	19.9	-0.02
X13	X11	96.1	0.10
X13	X12	17.3	-0.02
X14	Y11	9.4	0.07
X16	X11	123.9	0.12
X16	X13	72.4	0.08
X21	X11	11.1	-0.02
X21	X12	93.9	0.05
X21	X13	8.7	-0.01
X21	X16	17.3	-0.02

Covariance Matrix of Parameter Estimates

LY 2_1	LY 3_1	LY 4_1	LY 5_1	LY 7_2	LY 8_2	LY 10_3
LY 11_3	LY 13_4	LY 14_4				

LY 2_1	0.003							
LY 3_1	0.001	0.004						
LY 4_1	0.001	0.000	0.002					
LY 5_1	0.001	0.000	0.001	0.002				
LY 7_2	0.000	0.000	0.000	0.000	0.018			
LY 8_2	0.000	0.000	0.000	0.000	0.009	0.014		
LY 10_3	0.000	0.000	0.000	0.000	0.000	0.000	0.017	
LY 11_3	0.000	0.000	0.000	0.000	0.000	0.000	0.012	
LY 13_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
LY 14_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
LX 2_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LX 3_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LX 4_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LX 5_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LX 6_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LX 7_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LX 10_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
LX 11_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
BE 4_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BE 4_2	0.000	0.000	0.000	0.000	0.003	0.002	0.000	0.000
BE 4_3	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.003
GA 1_1	-0.015	-0.013	-0.015	-0.014	0.000	0.000	0.000	
GA 1_2	0.011	0.010	0.011	0.011	0.000	0.000	0.000	0.000
GA 1_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GA 2_1	0.000	0.000	0.000	0.000	-0.200	-0.131	0.000	
GA 2_2	0.000	0.000	0.000	0.000	0.157	0.103	0.000	0.000

GA 2_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
GA 3_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.165	-
0.236	0.000	0.000							
GA 3_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.128	0.183
0.000	0.000								
GA 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002
0.000	0.000								
PH 1_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
PH 2_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
PH 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
PH 3_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
PH 3_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
PH 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
PS 1_1	-0.001	-0.001	-0.001	-0.001	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
PS 2_2	0.000	0.000	0.000	0.000	-0.005	-0.004	0.000	0.000	0.000
0.000	0.000								
PS 3_3	0.000	0.000	0.000	0.000	0.000	0.000	-0.004	-0.005	
0.000	0.000								
PS 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.004	-0.005								
TE 1_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TE 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TE 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TE 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TE 5_5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TE 6_6	0.000	0.000	0.000	0.000	0.003	0.001	0.000	0.000	0.000
0.000	0.000								
TE 7_7	0.000	0.000	0.000	0.000	-0.004	0.000	0.000	0.000	0.000
0.000	0.000								
TE 8_8	0.000	0.000	0.000	0.000	0.001	-0.001	0.000	0.000	0.000
0.000	0.000								
TE 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	
0.000	0.000								

LX 11_3	0.000	0.000	0.000	0.000	0.000	0.000	0.006		
0.008									
BE 4_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.006									
BE 4_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.002	0.017								
BE 4_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.003	-0.005								
GA 1_1	0.062	0.051	0.055	0.056	0.048	0.059	0.000	0.000	
-0.020	0.003								
GA 1_2	-0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.016	-0.003							
GA 1_3	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-	
0.001	0.000	0.000							
GA 2_1	0.041	0.034	0.036	0.037	0.032	0.039	0.000	0.000	
-0.004	-0.043								
GA 2_2	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.003	0.034							
GA 2_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
GA 3_1	0.042	0.034	0.037	0.037	0.032	0.039	0.000	0.000	
0.000	-0.005								
GA 3_2	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.004							
GA 3_3	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-	
0.001	0.000	0.000							
PH 1_1	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	0.000		
0.000	0.000	0.000							
PH 2_1	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	0.000		
0.000	0.000	0.000							
PH 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
PH 3_1	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.002	-	
0.002	0.000	0.000							
PH 3_2	0.000	0.000	0.000	0.000	0.000	0.000	-0.002	-0.002	
0.000	0.000								
PH 3_3	0.000	0.000	0.000	0.000	0.000	0.000	-0.006	-0.006	
0.000	0.000								
PS 1_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
PS 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	-0.001								
PS 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
PS 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.001	0.001								

TE 1_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 5_5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 6_6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 7_7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 8_8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 10_10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
TE 11_11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
TE 12_12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
TE 13_13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
TE 14_14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
TD 1_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 5_5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 6_6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 7_7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 8_8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.001
0.000	0.000							

TD 10_10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001
0.000	0.000	0.000						
TD 11_11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.001	0.000	0.000						-

Covariance Matrix of Parameter Estimates

	BE 4_3	GA 1_1	GA 1_2	GA 1_3	GA 2_1	GA 2_2	GA 2_3	
GA 3_1	GA 3_2	GA 3_3						
	-----	-----	-----	-----	-----	-----	-----	-----

BE 4_3	0.018							
GA 1_1	0.010	346.703						
GA 1_2	-0.008	-274.606	218.489					
GA 1_3	0.000	-1.561	1.103	0.254				
GA 2_1	-0.008	203.577	-161.194	-0.894	154.371			
GA 2_2	0.006	-161.191	128.275	0.627	-122.267	97.269		
GA 2_3	0.000	-0.897	0.629	0.155	-0.673	0.475	0.111	
GA 3_1	-0.050	203.593	-161.194	-0.897	134.965	-106.860	-0.596	
156.918								
GA 3_2	0.039	-161.195	128.277	0.628	-106.863	85.040	0.418	-
124.231	98.794							
GA 3_3	0.000	-0.894	0.626	0.157	-0.592	0.414	0.104	-
0.724	0.515	0.112						
PH 1_1	0.000	-0.050	-0.001	0.000	-0.033	0.000	0.000	-
0.033	0.000	0.000						
PH 2_1	0.000	-0.030	0.000	0.000	-0.020	0.000	0.000	-
0.020	0.000	0.000						
PH 2_2	0.000	-0.011	0.012	0.000	-0.007	0.008	0.000	-
0.007	0.008	0.000						
PH 3_1	0.000	-0.017	0.000	-0.001	-0.011	0.000	-0.001	-
0.011	0.000	-0.001						
PH 3_2	0.000	0.000	0.000	0.002	0.000	0.000	0.001	0.000
0.000	0.001							
PH 3_3	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000
0.000	0.001							
PS 1_1	0.000	-0.501	0.398	0.003	0.034	-0.027	0.000	0.096
-0.076	-0.001							
PS 2_2	0.000	0.023	-0.018	0.000	-0.082	0.066	0.001	0.036
-0.028	0.000							
PS 3_3	-0.001	0.050	-0.040	0.000	0.027	-0.022	0.000	-0.100
0.081	0.000							
PS 4_4	0.001	0.000	0.000	0.000	-0.001	0.001	0.000	-0.001
0.001	0.000							
TE 1_1	0.000	-0.004	0.003	0.000	0.000	0.000	0.000	0.000
0.000	0.000							

TE 2_2	0.000	0.002	-0.001	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 3_3	0.000	0.001	-0.001	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 4_4	0.000	0.002	-0.002	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 5_5	0.000	0.002	-0.001	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 6_6	0.000	0.000	0.000	0.000	-0.030	0.023	0.000	0.000
0.000	0.000							
TE 7_7	0.000	0.000	0.000	0.000	0.035	-0.028	0.000	0.000
0.000	0.000							
TE 8_8	0.000	0.000	0.000	0.000	-0.007	0.006	0.000	0.000
0.000	0.000							
TE 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.024
0.019	0.000							
TE 10_10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-
0.015	0.012	0.000						
TE 11_11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.034	-0.026	0.000						
TE 12_12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
TE 13_13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
TE 14_14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
TD 1_1	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 2_2	0.000	-0.004	0.003	0.000	-0.003	0.002	0.000	-
0.003	0.002	0.000						
TD 3_3	0.000	-0.001	0.001	0.000	-0.001	0.001	0.000	-
0.001	0.001	0.000						
TD 4_4	0.000	-0.001	0.001	0.000	-0.001	0.001	0.000	-
0.001	0.001	0.000						
TD 5_5	0.000	-0.001	0.001	0.000	-0.001	0.001	0.000	-
0.001	0.001	0.000						
TD 6_6	0.000	-0.001	0.001	0.000	-0.001	0.000	0.000	-
0.001	0.000	0.000						
TD 7_7	0.000	-0.001	0.001	0.000	-0.001	0.001	0.000	-
0.001	0.001	0.000						
TD 8_8	0.000	0.011	-0.009	0.000	0.007	-0.006	0.000	0.007
-0.006	0.000							
TD 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 10_10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						

TD 11_11 0.000 0.000 0.000 0.000 0.000 0.000 0.000
0.000 0.000 0.000

Covariance Matrix of Parameter Estimates

	PH 1_1	PH 2_1	PH 2_2	PH 3_1	PH 3_2	PH 3_3	PS 1_1	
PS 2_2	PS 3_3	PS 4_4						
-----	-----	-----	-----	-----	-----	-----	-----	-----
PH 1_1	0.006							
PH 2_1	0.006	0.007						
PH 2_2	0.006	0.007	0.010					
PH 3_1	0.003	0.004	0.004	0.004				
PH 3_2	0.003	0.004	0.005	0.004	0.006			
PH 3_3	0.002	0.002	0.003	0.005	0.006	0.010		
PS 1_1	0.000	0.000	0.000	0.000	0.000	0.000	0.019	
PS 2_2	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	0.006
PS 3_3	0.000	0.000	0.000	0.000	0.000	0.000	-0.002	-0.001
0.004								
PS 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.011							
TE 1_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 5_5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 6_6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001
0.000	0.000							
TE 7_7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 8_8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TE 10_10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
TE 11_11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
TE 12_12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	-0.001						

TE 13_13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000							
TE 14_14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.001							
TD 1_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TD 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TD 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TD 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TD 5_5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TD 6_6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TD 7_7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TD 8_8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TD 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000								
TD 10_10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000							
TD 11_11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000							

Covariance Matrix of Parameter Estimates

	TE 1_1	TE 2_2	TE 3_3	TE 4_4	TE 5_5	TE 6_6	TE 7_7		
TE 8_8	TE 9_9	TE 10_10							
	-----	-----	-----	-----	-----	-----	-----	-----	-----

TE 1_1	0.001								
TE 2_2	0.000	0.003							
TE 3_3	0.000	0.000	0.004						
TE 4_4	0.000	0.000	0.000	0.002					
TE 5_5	0.000	0.000	0.000	0.000	0.002				
TE 6_6	0.000	0.000	0.000	0.000	0.000	0.004			
TE 7_7	0.000	0.000	0.000	0.000	0.000	-0.001	0.003		
TE 8_8	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	0.003	
TE 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.003
0.004									
TE 10_10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.004							

TD 5_5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.002								
TD 6_6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 7_7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 8_8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 10_10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
TD 11_11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						

Covariance Matrix of Parameter Estimates

	TD 7_7	TD 8_8	TD 9_9	TD 10_10	TD 11_11
-----	-----	-----	-----	-----	-----
TD 7_7	0.000				
TD 8_8	0.000	0.000			
TD 9_9	0.000	0.000	0.002		
TD 10_10	0.000	0.000	0.000	0.001	
TD 11_11	0.000	0.000	0.000	0.000	0.001

Correlation Matrix of Parameter Estimates

	LY 2_1	LY 3_1	LY 4_1	LY 5_1	LY 7_2	LY 8_2	LY 10_3
LY 11_3	LY 13_4	LY 14_4					
-----	-----	-----	-----	-----	-----	-----	-----
LY 2_1	1.000						
LY 3_1	0.147	1.000					
LY 4_1	0.197	0.172	1.000				
LY 5_1	0.190	0.166	0.222	1.000			
LY 7_2	0.000	0.000	0.000	0.000	1.000		
LY 8_2	0.000	0.000	0.000	0.000	0.547	1.000	
LY 10_3	0.000	0.000	0.000	0.000	0.000	0.000	1.000
LY 11_3	0.000	0.000	0.000	0.000	0.000	0.000	0.635
1.000							
LY 13_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	1.000						
LY 14_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.525	1.000					

LX 2_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
LX 3_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
LX 4_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
LX 5_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
LX 6_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
LX 7_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
LX 10_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
LX 11_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
BE 4_1	0.034	0.030	0.040	0.038	0.010	0.000	-0.001	0.016
-0.133	-0.182							
BE 4_2	-0.001	-0.001	-0.001	-0.001	0.150	0.141	-0.001	
0.014	-0.100	-0.137						
BE 4_3	-0.002	-0.002	-0.002	-0.002	0.013	0.000	0.147	
0.150	-0.092	-0.126						
GA 1_1	-0.014	-0.012	-0.016	-0.016	0.000	0.000	0.000	
0.000	0.000	0.000						
GA 1_2	0.014	0.012	0.016	0.015	0.000	0.000	0.000	0.000
0.000	0.000							
GA 1_3	0.004	0.003	0.004	0.004	0.000	0.000	0.000	0.000
0.000	0.000							
GA 2_1	0.000	0.000	0.000	0.000	-0.121	-0.089	0.000	
0.000	0.000	0.000						
GA 2_2	0.000	0.000	0.000	0.000	0.120	0.088	0.000	0.000
0.000	0.000							
GA 2_3	0.000	0.000	0.000	0.000	-0.002	-0.002	0.000	
0.000	0.000	0.000						
GA 3_1	0.000	0.000	0.000	0.000	0.000	0.000	-0.101	-
0.135	0.000	0.000						
GA 3_2	0.000	0.000	0.000	0.000	0.000	0.000	0.098	0.132
0.000	0.000							
GA 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.034	0.045
0.000	0.000							
PH 1_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
PH 2_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
PH 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							

PH 3_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
PH 3_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
PH 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
PS 1_1	-0.106	-0.093	-0.124	-0.120	0.000	0.000	0.000	0.000
0.000	0.000							
PS 2_2	0.000	0.000	0.000	0.000	-0.535	-0.456	0.000	0.000
0.000	0.000							
PS 3_3	0.000	0.000	0.000	0.000	0.000	0.000	-0.454	-0.497
0.000	0.000							
PS 4_4	-0.001	-0.001	-0.001	-0.001	0.006	0.000	0.000	0.005
-0.473	-0.588							
TE 1_1	0.201	0.172	0.240	0.230	0.000	0.000	0.000	0.000
0.000	0.000							
TE 2_2	-0.110	-0.023	-0.031	-0.030	0.000	0.000	0.000	
0.000	0.000	0.000						
TE 3_3	-0.019	-0.087	-0.022	-0.021	0.000	0.000	0.000	
0.000	0.000	0.000						
TE 4_4	-0.040	-0.034	-0.148	-0.045	0.000	0.000	0.000	
0.000	0.000	0.000						
TE 5_5	-0.036	-0.031	-0.042	-0.137	0.000	0.000	0.000	
0.000	0.000	0.000						
TE 6_6	0.000	0.000	0.000	0.000	0.334	0.170	0.000	0.000
0.000	0.000							
TE 7_7	0.000	0.000	0.000	0.000	-0.497	0.002	0.000	0.000
0.000	0.000							
TE 8_8	0.000	0.000	0.000	0.000	0.152	-0.171	0.000	0.000
0.000	0.000							
TE 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.100	0.239
0.000	0.000							
TE 10_10	0.000	0.000	0.000	0.000	0.000	0.000	-0.113	
0.185	0.000	0.000						
TE 11_11	0.000	0.000	0.000	0.000	0.000	0.000	0.020	-
0.457	0.000	0.000						
TE 12_12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.163	0.338						
TE 13_13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	-0.150	0.120						
TE 14_14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	-0.018	-0.460						
TD 1_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							

TD 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 5_5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 6_6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 7_7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 8_8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 10_10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						
TD 11_11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000						

Correlation Matrix of Parameter Estimates

	LX 2_1	LX 3_1	LX 4_1	LX 5_1	LX 6_1	LX 7_1	LX 10_3	
LX 11_3	BE 4_1	BE 4_2						
	-----	-----	-----	-----	-----	-----	-----	-----

LX 2_1	1.000							
LX 3_1	0.740	1.000						
LX 4_1	0.533	0.421	1.000					
LX 5_1	0.548	0.433	0.312	1.000				
LX 6_1	0.683	0.540	0.389	0.400	1.000			
LX 7_1	0.759	0.600	0.432	0.445	0.554	1.000		
LX 10_3	0.000	0.000	0.000	0.000	0.000	0.000	1.000	
LX 11_3	0.000	0.000	0.000	0.000	0.000	0.000	0.693	
1.000								
BE 4_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1.000								
BE 4_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.203	1.000							
BE 4_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.308	-0.305							
GA 1_1	0.063	0.048	0.035	0.036	0.044	0.049	0.000	0.000
-0.014	0.001							
GA 1_2	-0.002	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.014	-0.001						
GA 1_3	0.003	0.000	0.000	0.000	0.000	0.000	-0.021	-
0.020	0.003	-0.001						

GA 2_1	0.062	0.047	0.034	0.035	0.044	0.049	0.000	0.000
-0.004	-0.027							
GA 2_2	-0.002	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.004	0.027						
GA 2_3	0.003	0.000	0.000	0.000	0.000	0.000	0.002	0.002
0.001	-0.001							
GA 3_1	0.063	0.048	0.034	0.035	0.044	0.049	0.000	0.000
0.000	-0.003							
GA 3_2	-0.002	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.003						
GA 3_3	0.003	0.000	0.000	0.000	0.000	0.000	-0.027	-
0.027	0.000	0.000						
PH 1_1	-0.560	-0.443	-0.319	-0.328	-0.408	-0.454	0.000	
0.000	0.000	0.000						
PH 2_1	-0.323	-0.255	-0.184	-0.189	-0.235	-0.262	0.000	
0.000	0.000	0.000						
PH 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
PH 3_1	-0.233	-0.184	-0.133	-0.136	-0.170	-0.189	-0.320	-
0.313	0.000	0.000						
PH 3_2	0.000	0.000	0.000	0.000	0.000	0.000	-0.329	-0.321
0.000	0.000							
PH 3_3	0.000	0.000	0.000	0.000	0.000	0.000	-0.633	-0.622
0.000	0.000							
PS 1_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.007	-0.004							
PS 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.006	-0.125							
PS 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.007	0.005							
PS 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.120	0.057							
TE 1_1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.044	-0.006							
TE 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.005	0.000							
TE 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.004	0.000							
TE 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.008	0.001							
TE 5_5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.007	0.001							
TE 6_6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.004	0.046							
TE 7_7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.022	0.007							

TE 8_8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.004	-0.001							
TE 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.009	0.007							
TE 10_10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.013	0.011						
TE 11_11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	-0.036	-0.030						
TE 12_12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	-0.061	-0.046						
TE 13_13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	-0.011	-0.008						
TE 14_14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.072	0.054						
TD 1_1	0.017	0.013	0.009	0.010	0.012	0.013	0.000	0.000
0.000	0.000							
TD 2_2	-0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 3_3	0.000	-0.013	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 4_4	0.000	0.000	-0.009	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 5_5	0.000	0.000	0.000	-0.010	0.000	0.000	0.000	0.000
0.000	0.000							
TD 6_6	0.000	0.000	0.000	0.000	-0.012	0.000	0.000	0.000
0.000	0.000							
TD 7_7	0.000	0.000	0.000	0.000	0.000	-0.014	0.000	0.000
0.000	0.000							
TD 8_8	0.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.001	0.000							
TD 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.155	0.143
0.000	0.000							
TD 10_10	0.000	0.000	0.000	0.000	0.000	0.000	-0.241	
0.081	0.000	0.000						
TD 11_11	0.000	0.000	0.000	0.000	0.000	0.000	0.097	-
0.212	0.000	0.000						

Correlation Matrix of Parameter Estimates

	BE 4_3	GA 1_1	GA 1_2	GA 1_3	GA 2_1	GA 2_2	GA 2_3
GA 3_1	GA 3_2	GA 3_3					
	-----	-----	-----	-----	-----	-----	-----

BE 4_3	1.000						
GA 1_1	0.004	1.000					
GA 1_2	-0.004	-0.998	1.000				

GA 1_3	0.000	-0.166	0.148	1.000					
GA 2_1	-0.005	0.880	-0.878	-0.143	1.000				
GA 2_2	0.005	-0.878	0.880	0.126	-0.998	1.000			
GA 2_3	0.002	-0.144	0.128	0.923	-0.162	0.144	1.000		
GA 3_1	-0.030	0.873	-0.871	-0.142	0.867	-0.865	-0.143		
1.000									
GA 3_2	0.030	-0.871	0.873	0.125	-0.865	0.867	0.126	-	
0.998	1.000								
GA 3_3	0.010	-0.144	0.127	0.931	-0.143	0.126	0.928	-	
0.173	0.155	1.000							
PH 1_1	0.000	-0.036	-0.001	0.001	-0.035	-0.001	0.001	-	
0.036	-0.001	0.001							
PH 2_1	0.000	-0.020	0.000	-0.001	-0.020	0.000	-0.001	-	
0.020	0.000	-0.001							
PH 2_2	0.000	-0.006	0.008	-0.003	-0.006	0.008	-0.003	-	
0.006	0.008	-0.003							
PH 3_1	0.000	-0.015	0.001	-0.037	-0.015	0.001	-0.045	-	
0.015	0.000	-0.035							
PH 3_2	0.000	0.000	0.000	0.052	0.000	0.000	0.043	0.000	
0.000	0.054								
PH 3_3	0.000	0.000	0.000	0.018	0.000	0.000	-0.001	0.000	
0.000	0.024								
PS 1_1	-0.011	-0.194	0.194	0.037	0.020	-0.020	-0.003	0.055	
-0.055	-0.013								
PS 2_2	0.009	0.016	-0.016	-0.004	-0.086	0.087	0.023	0.037	
-0.037	-0.009								
PS 3_3	-0.100	0.041	-0.041	-0.008	0.033	-0.033	-0.005	-	
0.120	0.122	0.017							
PS 4_4	0.071	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	
0.001	0.000								
TE 1_1	-0.009	-0.008	0.008	0.002	0.000	0.000	0.000	0.000	
0.000	0.000								
TE 2_2	0.001	0.002	-0.002	0.000	0.000	0.000	0.000	0.000	
0.000	0.000								
TE 3_3	0.000	0.001	-0.001	0.000	0.000	0.000	0.000	0.000	
0.000	0.000								
TE 4_4	0.001	0.003	-0.003	-0.001	0.000	0.000	0.000	0.000	
0.000	0.000								
TE 5_5	0.001	0.002	-0.002	-0.001	0.000	0.000	0.000	0.000	
0.000	0.000								
TE 6_6	0.005	0.000	0.000	0.000	-0.040	0.040	-0.001	0.000	
0.000	0.000								
TE 7_7	-0.028	0.000	0.000	0.000	0.052	-0.051	0.001	0.000	
0.000	0.000								
TE 8_8	0.006	0.000	0.000	0.000	-0.010	0.010	0.000	0.000	
0.000	0.000								

TE 9_9	0.021	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.031
0.030	0.010								
TE 10_10	-0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-
0.019	0.019	0.006							
TE 11_11	0.022	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.054	-0.053	-0.018							
TE 12_12	-0.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000							
TE 13_13	-0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000							
TE 14_14	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.000							
TD 1_1	0.000	-0.002	0.003	-0.004	-0.002	0.003	-0.004	-0.004	-
0.002	0.003	-0.004							
TD 2_2	0.000	-0.073	0.076	-0.098	-0.074	0.077	-0.097	-0.097	-
0.070	0.074	-0.099							
TD 3_3	0.000	-0.004	0.004	-0.005	-0.004	0.004	-0.005	-0.005	-
0.004	0.004	-0.005							
TD 4_4	0.000	-0.001	0.001	-0.002	-0.001	0.001	-0.002	-0.002	-
0.001	0.001	-0.002							
TD 5_5	0.000	-0.001	0.001	-0.002	-0.001	0.001	-0.002	-0.002	-
0.001	0.001	-0.002							
TD 6_6	0.000	-0.003	0.003	-0.004	-0.003	0.003	-0.004	-0.004	-
0.003	0.003	-0.004							
TD 7_7	0.000	-0.005	0.005	-0.006	-0.005	0.005	-0.006	-0.006	-
0.004	0.005	-0.006							
TD 8_8	0.000	0.200	-0.205	0.100	0.201	-0.206	0.100	0.197	
-0.203	0.101								
TD 9_9	0.000	0.000	0.000	-0.004	0.000	0.000	0.000	0.000	
0.000	-0.005								
TD 10_10	0.000	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	
0.000	0.000	-0.002							
TD 11_11	0.000	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	
0.000	0.000	-0.001							

Correlation Matrix of Parameter Estimates

	PH 1_1	PH 2_1	PH 2_2	PH 3_1	PH 3_2	PH 3_3	PS 1_1
PS 2_2	PS 3_3	PS 4_4					
	-----	-----	-----	-----	-----	-----	-----

PH 1_1	1.000						
PH 2_1	0.959	1.000					
PH 2_2	0.805	0.940	1.000				
PH 3_1	0.692	0.716	0.666	1.000			
PH 3_2	0.570	0.659	0.695	0.965	1.000		

PH 3_3	0.232	0.266	0.278	0.730	0.748	1.000		
PS 1_1	0.000	0.000	0.000	0.000	0.000	0.000	1.000	
PS 2_2	0.000	0.000	0.000	0.000	0.000	0.000	-0.087	1.000
PS 3_3	0.000	0.000	0.000	0.000	0.000	0.000	-0.203	-0.142
1.000								
PS 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.001	-0.001
0.000	1.000							
TE 1_1	0.000	0.000	0.000	0.000	0.000	0.000	-0.112	0.000
0.000	-0.004							
TE 2_2	0.000	0.000	0.000	0.000	0.000	0.000	0.016	0.000
0.000	0.000							
TE 3_3	0.000	0.000	0.000	0.000	0.000	0.000	0.011	0.000
0.000	0.000							
TE 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.024	0.000
0.000	0.000							
TE 5_5	0.000	0.000	0.000	0.000	0.000	0.000	0.022	0.000
0.000	0.000							
TE 6_6	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.170
0.000	0.002							
TE 7_7	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.083
0.000	-0.012							
TE 8_8	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.017
0.000	0.002							
TE 9_9	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.082	0.003							
TE 10_10	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	-0.002	0.004						
TE 11_11	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.007	-0.012						
TE 12_12	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	-0.189						
TE 13_13	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	-0.017						
TE 14_14	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
0.000	0.000	0.111						
TD 1_1	-0.010	-0.005	0.001	-0.004	0.000	0.000	0.000	
0.000	0.000	0.000						
TD 2_2	0.000	0.007	0.017	0.005	0.000	0.000	0.000	0.005
-0.005	0.000							
TD 3_3	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 4_4	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 5_5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000							

TD 6_6	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 7_7	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
0.000	0.000							
TD 8_8	0.004	-0.009	-0.025	-0.003	0.000	0.000	-0.005	-
0.010	-0.002	0.000						
TD 9_9	0.000	0.000	0.000	-0.056	-0.057	-0.115	0.000	
0.000	0.000	0.000						
TD 10_10	0.000	0.000	0.000	0.034	0.035	0.037	0.000	-
0.001	0.000	0.000						
TD 11_11	0.000	0.000	0.000	0.018	0.019	0.020	0.000	
0.000	0.000	0.000						

Correlation Matrix of Parameter Estimates

[illegible]

Correlation Matrix of Parameter Estimates

	TD 7_7	TD 8_8	TD 9_9	TD 10_10	TD 11_11
TD 7_7	1.000				
TD 8_8	-0.035	1.000			
TD 9_9	0.000	0.000	1.000		
TD 10_10	0.000	0.000	-0.087	1.000	
TD 11_11	0.000	0.000	-0.047	-0.449	1.000

Covariances

Y - ETA

	Y11	Y12	Y13	Y14	Y15	Y21	Y22	Y23
Y31	Y32							
Y1	1.179	1.075	0.990	1.060	1.036	0.280	0.341	0.279
0.324	0.371							
Y2	0.280	0.255	0.235	0.251	0.245	0.473	0.577	0.472
0.195	0.223							
Y3	0.324	0.295	0.272	0.291	0.285	0.195	0.238	0.195
0.455	0.521							
Y4	0.467	0.426	0.392	0.420	0.410	0.269	0.328	0.269
0.270	0.309							

Y - ETA

	Y33	Y41	Y42	Y43
Y1	0.430	0.467	0.410	0.458
Y2	0.259	0.269	0.236	0.264
Y3	0.605	0.270	0.237	0.265
Y4	0.359	0.869	0.763	0.853

Y - KSI

	Y11	Y12	Y13	Y14	Y15	Y21	Y22	Y23
Y31	Y32							
X1	0.281	0.256	0.236	0.253	0.247	0.148	0.180	0.148
0.223	0.255							

X2	0.339	0.309	0.284	0.305	0.298	0.176	0.215	0.176
0.270	0.309							
X3	0.170	0.155	0.143	0.153	0.149	0.133	0.163	0.133
0.124	0.142							

Y - KSI

	Y33	Y41	Y42	Y43
	-----	-----	-----	-----
X1	0.296	0.178	0.156	0.175
X2	0.359	0.215	0.188	0.210
X3	0.165	0.118	0.104	0.116

X - ETA

	X11	X12	X13	X14	X15	X16	X17	X21
X31	X32							
	-----	-----	-----	-----	-----	-----	-----	-----

Y1	0.281	0.348	0.297	0.318	0.323	0.280	0.340	0.339
0.170	0.201							
Y2	0.148	0.183	0.156	0.167	0.170	0.147	0.179	0.176
0.133	0.157							
Y3	0.223	0.275	0.235	0.252	0.255	0.221	0.269	0.270
0.124	0.146							
Y4	0.178	0.220	0.188	0.202	0.204	0.177	0.215	0.215
0.118	0.139							

X - ETA

	X33

Y1	0.202
Y2	0.158
Y3	0.147
Y4	0.140

X - KSI

	X11	X12	X13	X14	X15	X16	X17	X21
X31	X32							
	-----	-----	-----	-----	-----	-----	-----	-----

X1	0.523	0.647	0.553	0.592	0.600	0.520	0.632	0.656
0.357	0.421							

	X2	0.656	0.811	0.693	0.742	0.752	0.652	0.793	0.823
0.446	0.526								
	X3	0.357	0.442	0.378	0.405	0.410	0.355	0.432	0.446
0.581	0.685								

X - KSI

	X33

X1	0.425
X2	0.530
X3	0.690

First Order Derivatives

LAMBDA-Y

	Y1	Y2	Y3	Y4
	-----	-----	-----	-----
Y11	0.000	0.329	0.121	0.147
Y12	0.000	-0.140	-0.074	-0.177
Y13	0.000	-0.139	-0.062	-0.062
Y14	0.000	-0.113	-0.153	0.050
Y15	0.000	0.019	0.165	0.029
Y21	-0.225	0.000	-0.015	-0.146
Y22	0.255	0.000	0.174	0.196
Y23	-0.086	0.000	-0.211	-0.125
Y31	-0.345	-0.231	0.000	-0.151
Y32	0.054	-0.011	0.000	-0.130
Y33	0.235	0.170	0.000	0.238
Y41	-0.115	-0.009	-0.016	0.000
Y42	0.059	0.025	0.064	0.000
Y43	0.064	-0.013	-0.041	0.000

LAMBDA-X

	X1	X2	X3
	-----	-----	-----
X11	0.000	0.001	0.279
X12	0.000	-0.004	-0.295
X13	0.000	0.001	0.077
X14	0.000	0.005	-0.146
X15	0.000	0.004	-0.077
X16	0.000	0.002	0.229

X17	0.000	-0.007	0.024
X21	0.000	0.000	0.000
X31	-0.102	-0.124	0.000
X32	0.137	0.167	0.000
X33	-0.050	-0.061	0.000

BETA

	Y1	Y2	Y3	Y4
	-----	-----	-----	-----
Y1	0.000	0.000	0.009	0.004
Y2	-0.001	0.000	-0.013	-0.032
Y3	0.029	-0.017	0.000	0.016
Y4	0.000	0.000	0.000	0.000

GAMMA

	X1	X2	X3
	-----	-----	-----
Y1	0.000	0.000	0.000
Y2	0.000	0.000	0.000
Y3	0.000	0.000	0.000
Y4	0.003	0.003	0.112

PHI

	X1	X2	X3
	-----	-----	-----
X1	0.000		
X2	0.000	0.000	
X3	0.000	0.000	0.000

PSI

	Y1	Y2	Y3	Y4
	-----	-----	-----	-----
Y1	0.000			
Y2	-0.001	0.000		
Y3	0.040	-0.060	0.000	
Y4	0.002	-0.047	0.024	0.000

THETA-EPS

	Y11	Y12	Y13	Y14	Y15	Y21	Y22	Y23
Y31	Y32							

Y11	0.000								
Y12	0.247	0.000							
Y13	0.260	0.169	0.000						
Y14	-0.345	0.313	-0.546	0.000					
Y15	-0.402	-0.601	0.203	0.729	0.000				
Y21	0.309	0.212	-0.212	-0.354	-0.238	0.000			
Y22	0.109	-0.186	0.016	-0.053	0.184	-0.214	0.000		
Y23	0.307	-0.241	-0.147	0.220	-0.033	0.424	-0.121	0.000	
Y31	0.476	-0.131	-0.222	-0.649	0.118	-1.103	-0.347	1.058	
0.000									
Y32	-0.262	0.305	-0.020	0.210	-0.036	0.216	0.070	-0.280	
0.473	0.000								
Y33	-0.105	-0.211	0.159	0.070	0.257	0.746	0.265	-0.775	
-0.144	-0.235								
Y41	-0.160	0.319	-0.079	-0.118	-0.085	-0.041	0.042	-0.009	
0.052	-0.223								
Y42	0.327	0.006	-0.061	-0.449	0.167	-0.165	0.173	-0.039	
-0.010	-0.103								
Y43	-0.110	-0.525	0.132	0.742	-0.105	0.040	-0.055	-0.029	
-0.038	0.079								

THETA-EPS

	Y33	Y41	Y42	Y43

Y33	0.000			
Y41	0.209	0.000		
Y42	0.192	0.000	0.000	
Y43	-0.164	0.061	-0.069	0.000

THETA-DELTA-EPS

	Y11	Y12	Y13	Y14	Y15	Y21	Y22	Y23

Y31	Y32							

X11	0.266	-0.215	0.167	-0.467	0.464	-0.412	-0.002	0.361
-0.099	0.156							
X12	-2.118	1.708	-0.570	-0.039	0.365	-0.113	1.657	-0.570
-0.629	0.193							
X13	-0.452	-0.259	0.194	-0.060	0.491	0.135	-0.231	0.278
0.380	0.236							
X14	-0.944	0.155	0.097	0.073	0.150	0.068	-0.238	0.140
-0.189	0.183							

X15	-0.076	-0.344	0.135	0.425	-0.109	-0.184	0.079	-0.090
0.106	0.071							
X16	0.041	0.176	-0.095	-0.434	0.341	-0.499	0.117	0.314
-0.026	0.181							
X17	0.086	-0.256	0.386	-0.072	0.417	0.399	-0.407	-0.235
0.228	-0.643							
X21	3.090	-0.968	-0.364	0.213	-1.573	0.476	-0.419	-0.684
0.477	-0.589							
X31	0.310	0.230	-0.117	-0.596	0.009	-0.335	0.231	-0.125
-0.480	-0.107							
X32	0.480	-0.366	0.075	-0.021	-0.216	0.409	-0.556	0.263
0.110	0.007							
X33	-0.431	0.091	0.142	0.461	-0.180	-0.177	0.200	-0.003
0.109	0.219							

THETA-DELTA-EPS

	Y33	Y41	Y42	Y43
	-----	-----	-----	-----
X11	-0.160	0.498	-0.087	-0.474
X12	-0.121	-0.440	0.436	0.181
X13	-0.450	0.716	-0.077	-0.453
X14	0.212	-0.106	0.434	0.005
X15	-0.371	0.336	0.087	-0.381
X16	-0.079	0.221	0.029	-0.222
X17	0.720	0.394	-0.143	-0.468
X21	0.284	-1.540	-0.585	1.527
X31	0.424	-0.289	-0.260	0.495
X32	0.176	0.254	0.264	-0.237
X33	-0.563	0.092	-0.106	0.056

THETA-DELTA

	X11	X12	X13	X14	X15	X16	X17	X21
X31	X32							
	-----	-----	-----	-----	-----	-----	-----	-----
X11	0.000							
X12	6.474	0.000						
X13	-6.743	6.505	0.000					
X14	-0.546	-0.876	-0.846	0.000				
X15	-0.377	1.668	-0.751	0.593	0.000			
X16	-6.870	3.683	-5.862	-0.811	-0.113	0.000		
X17	0.250	-0.323	0.287	0.684	-0.793	1.136	0.000	
X21	4.859	-13.169	4.617	1.747	-0.133	6.093	-1.234	0.000

X31	0.075	-0.089	0.225	-0.589	0.205	0.101	0.385	-0.431
0.000								
X32	0.498	-0.679	0.010	-0.248	0.103	0.311	0.321	-0.005
-0.068	0.000							
X33	0.170	-0.241	0.002	0.388	-0.474	0.221	-0.505	0.472
0.245	-0.149							

THETA-DELTA

X33	

X33	0.000

Factor Scores Regressions

ETA

	Y11	Y12	Y13	Y14	Y15	Y21	Y22	Y23
Y31	Y32							
-----	-----	-----	-----	-----	-----	-----	-----	-----
Y1	0.554	0.095	0.075	0.140	0.131	0.002	0.006	0.002
0.002	0.002							
Y2	0.009	0.002	0.001	0.002	0.002	0.149	0.431	0.152
0.004	0.005							
Y3	0.009	0.002	0.001	0.002	0.002	0.004	0.012	0.004
0.086	0.110							
Y4	0.019	0.003	0.003	0.005	0.004	0.006	0.018	0.006
0.004	0.005							

ETA

	Y33	Y41	Y42	Y43	X11	X12	X13	X14
X15	X16							
-----	-----	-----	-----	-----	-----	-----	-----	-----
Y1	0.009	0.004	0.003	0.011	0.002	0.018	0.002	0.001
0.001	0.002							
Y2	0.020	0.006	0.005	0.017	0.002	0.029	0.003	0.001
0.001	0.002							
Y3	0.489	0.004	0.004	0.011	0.003	0.037	0.004	0.001
0.001	0.003							
Y4	0.020	0.189	0.174	0.538	0.000	0.003	0.000	0.000
0.000	0.000							

ETA

	X17	X21	X31	X32	X33
	-----	-----	-----	-----	-----
Y1	0.002	-0.012	0.000	-0.001	-0.001
Y2	0.003	-0.038	0.003	0.007	0.006
Y3	0.004	-0.016	-0.002	-0.004	-0.003
Y4	0.000	-0.003	0.000	0.000	0.000

KSI

	Y11	Y12	Y13	Y14	Y15	Y21	Y22	Y23
Y31	Y32							
	-----	-----	-----	-----	-----	-----	-----	-----

X1	0.002	0.000	0.000	0.001	0.001	0.001	0.002	0.001
0.001	0.001							
X2	-0.001	0.000	0.000	0.000	0.000	-0.001	-0.003	-0.001
0.000	0.000							
X3	-0.001	0.000	0.000	0.000	0.000	0.002	0.006	0.002
-0.001	-0.001							

KSI

	Y33	Y41	Y42	Y43	X11	X12	X13	X14
X15	X16							
	-----	-----	-----	-----	-----	-----	-----	-----

X1	0.005	0.000	0.000	0.000	0.024	0.283	0.032	0.009
0.010	0.024							
X2	-0.002	0.000	0.000	0.000	0.029	0.349	0.039	0.011
0.012	0.029							
X3	-0.006	0.000	0.000	0.000	0.003	0.034	0.004	0.001
0.001	0.003							

KSI

	X17	X21	X31	X32	X33
	-----	-----	-----	-----	-----
X1	0.031	0.392	0.001	0.003	0.003
X2	0.039	0.513	0.001	0.002	0.001
X3	0.004	0.020	0.128	0.340	0.295

Standardized Solution

LAMBDA-Y

	Y1	Y2	Y3	Y4
	-----	-----	-----	-----
Y11	0.986	--	--	--
Y12	0.990	--	--	--
Y13	0.911	--	--	--
Y14	0.976	--	--	--
Y15	0.954	--	--	--
Y21	--	0.687	--	--
Y22	--	0.839	--	--
Y23	--	0.687	--	--
Y31	--	--	0.675	--
Y32	--	--	0.772	--
Y33	--	--	0.896	--
Y41	--	--	--	0.932
Y42	--	--	--	0.819
Y43	--	--	--	0.915

LAMBDA-X

	X1	X2	X3
	-----	-----	-----
X11	0.723	--	--
X12	0.894	--	--
X13	0.764	--	--
X14	0.818	--	--
X15	0.830	--	--
X16	0.719	--	--
X17	0.874	--	--
X21	--	0.907	--
X31	--	--	0.762
X32	--	--	0.898
X33	--	--	0.906

BETA

	Y1	Y2	Y3	Y4
	-----	-----	-----	-----
Y1	--	--	--	--
Y2	--	--	--	--
Y3	--	--	--	--
Y4	0.285	0.225	0.209	--

GAMMA

	X1	X2	X3
-----	-----	-----	-----
Y1	18.766	-18.327	-0.136
Y2	19.513	-19.231	0.012
Y3	20.195	-19.623	-0.191
Y4	--	--	--

Correlation Matrix of ETA and KSI

	Y1	Y2	Y3	Y4	X1	X2	X3
-----	-----	-----	-----	-----	-----	-----	-----
Y1	1.000						
Y2	0.374	1.000					
Y3	0.442	0.420	1.000				
Y4	0.461	0.419	0.429	1.000			
X1	0.358	0.297	0.456	0.264	1.000		
X2	0.344	0.282	0.441	0.254	1.000	1.000	
X3	0.206	0.254	0.241	0.166	0.649	0.645	1.000

PSI

Note: This matrix is diagonal.

Y1	Y2	Y3	Y4
-----	-----	-----	-----
0.613	0.621	0.491	0.685

Regression Matrix ETA on KSI (Standardized)

	X1	X2	X3
-----	-----	-----	-----
Y1	18.766	-18.327	-0.136
Y2	19.513	-19.231	0.012
Y3	20.195	-19.623	-0.191
Y4	13.954	-13.646	-0.076

Total and Indirect Effects

Total Effects of KSI on ETA

	X1	X2	X3
-----	-----	-----	-----
Y1	28.181	-21.940	-0.194

	(18.620)	(14.781)	(0.504)
	1.514	-1.484	-0.385
Y2	18.550	-14.574	0.011
	(12.425)	(9.862)	(0.334)
	1.493	-1.478	0.031
Y3	18.843	-14.595	-0.169
	(12.527)	(9.940)	(0.334)
	1.504	-1.468	-0.506
Y4	17.988	-14.023	-0.093
	(11.716)	(9.292)	(0.314)
	1.535	-1.509	-0.296

Indirect Effects of KSI on ETA

	X1	X2	X3
	-----	-----	-----
Y1	--	--	--
Y2	--	--	--
Y3	--	--	--
Y4	17.988	-14.023	-0.093
	(11.716)	(9.292)	(0.314)
	1.535	-1.509	-0.296

Total Effects of ETA on ETA

	Y1	Y2	Y3	Y4
	-----	-----	-----	-----
Y1	--	--	--	--
Y2	--	--	--	--
Y3	--	--	--	--
Y4	0.244	0.305	0.289	--
	(0.078)	(0.129)	(0.133)	
	3.151	2.364	2.173	

Largest Eigenvalue of $B*B'$ (Stability Index) is 0.236

Total Effects of ETA on Y

	Y1	Y2	Y3	Y4
	-----	-----	-----	-----
Y11	1.000	--	--	--
Y12	0.912	--	--	--
	(0.057)			
	15.998			
Y13	0.839	--	--	--
	(0.060)			

	14.004			
Y14	0.899	--	--	--
	(0.049)			
	18.519			
Y15	0.878	--	--	--
	(0.049)			
	17.902			
Y21	--	1.000	--	--
Y22	--	1.220	--	--
	(0.133)			
	9.192			
Y23	--	0.999	--	--
	(0.118)			
	8.457			
Y31	--	--	1.000	--
Y32	--	--	1.145	--
	(0.131)			
	8.750			
Y33	--	--	1.329	--
	(0.140)			
	9.523			
Y41	0.244	0.305	0.289	1.000
	(0.078)	(0.129)	(0.133)	
	3.151	2.364	2.173	
Y42	0.215	0.268	0.254	0.878
	(0.068)	(0.114)	(0.117)	(0.082)
	3.139	2.359	2.169	10.774
Y43	0.240	0.299	0.283	0.981
	(0.075)	(0.126)	(0.130)	(0.080)
	3.196	2.382	2.188	12.330

Indirect Effects of ETA on Y

	Y1	Y2	Y3	Y4
	-----	-----	-----	-----
Y11	--	--	--	--
Y12	--	--	--	--
Y13	--	--	--	--
Y14	--	--	--	--
Y15	--	--	--	--
Y21	--	--	--	--
Y22	--	--	--	--
Y23	--	--	--	--
Y31	--	--	--	--
Y32	--	--	--	--
Y33	--	--	--	--

Y41	0.244	0.305	0.289	--
	(0.078)	(0.129)	(0.133)	
	3.151	2.364	2.173	
Y42	0.215	0.268	0.254	--
	(0.068)	(0.114)	(0.117)	
	3.139	2.359	2.169	
Y43	0.240	0.299	0.283	--
	(0.075)	(0.126)	(0.130)	
	3.196	2.382	2.188	

Total Effects of KSI on Y

	X1	X2	X3
	-----	-----	-----
Y11	28.181	-21.940	-0.194
	(18.620)	(14.781)	(0.504)
	1.514	-1.484	-0.385
Y12	25.700	-20.008	-0.177
	(17.034)	(13.521)	(0.460)
	1.509	-1.480	-0.385
Y13	23.651	-18.413	-0.163
	(15.698)	(12.459)	(0.423)
	1.507	-1.478	-0.385
Y14	25.336	-19.725	-0.174
	(16.774)	(13.315)	(0.453)
	1.510	-1.481	-0.385
Y15	24.745	-19.265	-0.170
	(16.386)	(13.007)	(0.442)
	1.510	-1.481	-0.385
Y21	18.550	-14.574	0.011
	(12.425)	(9.862)	(0.334)
	1.493	-1.478	0.031
Y22	22.631	-17.780	0.013
	(15.059)	(11.956)	(0.407)
	1.503	-1.487	0.031
Y23	18.537	-14.564	0.011
	(12.414)	(9.854)	(0.334)
	1.493	-1.478	0.031
Y31	18.843	-14.595	-0.169
	(12.527)	(9.940)	(0.334)
	1.504	-1.468	-0.506
Y32	21.573	-16.710	-0.193
	(14.305)	(11.352)	(0.382)
	1.508	-1.472	-0.506
Y33	25.035	-19.392	-0.225
	(16.495)	(13.093)	(0.443)

	1.518	-1.481	-0.506
Y41	17.988	-14.023	-0.093
	(11.716)	(9.292)	(0.314)
	1.535	-1.509	-0.296
Y42	15.801	-12.318	-0.082
	(10.301)	(8.169)	(0.276)
	1.534	-1.508	-0.296
Y43	17.651	-13.760	-0.091
	(11.458)	(9.089)	(0.308)
	1.540	-1.514	-0.296

Standardized Total and Indirect Effects

Standardized Total Effects of KSI on ETA

	X1	X2	X3
	-----	-----	-----
Y1	18.766	-18.327	-0.136
Y2	19.513	-19.231	0.012
Y3	20.195	-19.623	-0.191
Y4	13.954	-13.646	-0.076

Standardized Indirect Effects of KSI on ETA

	X1	X2	X3
	-----	-----	-----
Y1	--	--	--
Y2	--	--	--
Y3	--	--	--
Y4	13.954	-13.646	-0.076

Standardized Total Effects of ETA on ETA

	Y1	Y2	Y3	Y4
	-----	-----	-----	-----
Y1	--	--	--	--
Y2	--	--	--	--
Y3	--	--	--	--
Y4	0.285	0.225	0.209	--

Standardized Total Effects of ETA on Y

Y1	Y2	Y3	Y4
-----	-----	-----	-----

Y11	1.086	--	--	--
Y12	0.990	--	--	--
Y13	0.911	--	--	--
Y14	0.976	--	--	--
Y15	0.954	--	--	--
Y21	--	0.687	--	--
Y22	--	0.839	--	--
Y23	--	0.687	--	--
Y31	--	--	0.675	--
Y32	--	--	0.772	--
Y33	--	--	0.896	--
Y41	0.265	0.210	0.195	0.932
Y42	0.233	0.184	0.171	0.819
Y43	0.260	0.206	0.191	0.915

Standardized Indirect Effects of ETA on Y

	Y1	Y2	Y3	Y4
	-----	-----	-----	-----
Y11	--	--	--	--
Y12	--	--	--	--
Y13	--	--	--	--
Y14	--	--	--	--
Y15	--	--	--	--
Y21	--	--	--	--
Y22	--	--	--	--
Y23	--	--	--	--
Y31	--	--	--	--
Y32	--	--	--	--
Y33	--	--	--	--
Y41	0.265	0.210	0.195	--
Y42	0.233	0.184	0.171	--
Y43	0.260	0.206	0.191	--

Standardized Total Effects of KSI on Y

	X1	X2	X3
	-----	-----	-----
Y11	20.379	-19.903	-0.148
Y12	18.585	-18.150	-0.135
Y13	17.103	-16.703	-0.124
Y14	18.322	-17.893	-0.133
Y15	17.894	-17.476	-0.130
Y21	13.414	-13.220	0.008
Y22	16.366	-16.129	0.010
Y23	13.405	-13.211	0.008

Y31	13.626	-13.240	-0.129
Y32	15.600	-15.158	-0.147
Y33	18.104	-17.591	-0.171
Y41	13.008	-12.721	-0.071
Y42	11.427	-11.174	-0.062
Y43	12.764	-12.482	-0.070

Time used: 0.203 Seconds