Lampiran 1

KUISIONER

PENGARUH *OPENESS TO EXPERIENCES* DAN CONSCIENTIOUSNESS TERHADAP *ONLINE PURCHASE INTENTION* MELALUI *INNOVATIVENESS* DAN *VALUE CONSCIOUSNESS* PADA PRODUK BATIK

Ditulis untuk memenuhi sebagian persyaratan akademik guna memperoleh gelar Sarjana Magister Manajemen Strata Dua

Oleh:
ANDRE EKA HANDOYO
90120130002

PROGRAM STUDI MAGISTER MANAJEMEN
FAKULTAS EKONOMI
UNIVERSITAS PELITA HARAPAN SURABAYA
2014

PENGANTAR

Saya Andre Eka Handoyo (NIM: **90120130002**), selaku mahasiswa Program studi Magister Manajemen, Universitas Pelita Harapan, sedang melaksanakan penelitian yang akan diajukan sebagai syarat untuk mendapatkan gelar Magister Manajemen (MM). Penelitian ini mengenai

" Pengaruh *Openess To Experiences* Dan Conscientiousness Terhadap *Online Purchase Intention* Melalui *Innovativeness* Dan *Value Consciousness* Pada Produk Batik"

Oleh karena itu, saya memohon kesediaan Anda dalam turut serta membantu penelitian ini dengan meluangkan waktu untuk mengisi kuesioner ini.

Dalam kuesioner ini, Anda diminta untuk menjawab pertanyaan-pertanyaan yang telah disusun. Anda dimohon untuk menuliskan jawaban anda jujur.

Saya sangat menghargai partisipasi Anda dalam meluangkan waktu untuk mengisi kuesioner ini. Seluruh isi dari jawaban Anda akan saya jamin kerahasiaannya. Akhir kata saya ucapkan terimakasih.

Jika ada pertanyaan yang kurang jelas, silakan bertanya kepada pembuat kuesioner/periset ini:
Nama: Andre Eka Handoyo
NIM: 90120130002
HP/Phone: 082136629888
Mahasiswa Program studi Magister Manajemen, Universitas Pelita Harapan Surabaya.

Atas partisipasi Anda di dalam pengisian Kuesioner ini, bagi yang beruntung akan mendapatkan satu kain batik sebagai ucapan terima kasih.

Surabaya, 23 Agustus 2014

Andre Eka Handoyo

Kuisioner Penelitian Tesis
UNIVERSITAS PELITA HARAPAN
SURABAYA
NIM: 90120130002

J u d u l : Pengaruh *Openess To Experiences* Dan Conscientiousness Terhadap *Online Purchase Intention* Melalui *Innovativeness* Dan *Value Consciousness* Pada Produk Batik.

Tanggal Pengisian : …….

A. Profil Responden

(Kami Menjamin Kerahasiaan Informasi Anda serta tidak dimanfaatkan untuk tujuan lain)

Nama :
Jenis : [a] Pria [b] Wanita
Usia : ..... tahun
Alamat :
Hp/Telp :
Email :
Profesi / Pekerjaan : [a] Pelajar [b] Mahasiswa [c] Karyawan Swasta]
[d] Pengusaha [e] PNS] [f] Swasta UKM [g]

1. Apakah anda pernah mengenal batik?
   [a] Ya [b] Tidak

2. Apakah anda pernah membeli batik secara *online*?
   [a] Ya [b] Tidak

3. Secara teknik pengerjaan batik, menurut anda teknik apa yang paling cocok dengan anda ?
   [a] Tulis [b] Lukis
   [c] Cap [d] .....(sebutkan)

4. Berapa hari dalam satu minggu anda menggunakan internet?
   [a] 1 < hari [b] 2 hari
   [c] 3 – 5 hari [d] > 5 hari

5. Apakah anda pernah mengunjungi salah satu website toko fashion online di Indonesia?

[a] Ya [b] Tidak

6. Apakah ada informasi yang menarik tentang fashion untuk dikunjungi di Internet?
   [a] Ya [b] Tidak

7. Pernahkah anda membeli produk fashion di toko Online?
   [a] Ya [b] Tidak

8. Sampai sekarang sudah berapa kali Anda membeli produk fashio melalui toko online?
   [a] 1 kali [b] 2-4 kali
   [c] 5-10 kali [c] lebih dari 10

B. Faktor Perilaku Konsumen

ITEM	I N D I K A T O R P E R I L A K U	SS	S	N	TS	STS
X1	***Openess to Experiences*** **(Keterbukaan) (X1)**					
1	Bersosialisasi dan menambah pertemanan dengan orang lain memberikan nilai intensitas dalam pembelian batik dan memberitahukan ke calon konsumen lainnya.					
2	Keterbukaan terhadap hal baru dalam pertemanan memungkinkan untuk membagi pengalaman membeli batik kepada pihak lain.					
3	Keterbukaan terhadap hal baru dapat memberikan informasi tentang batik dengan cepat dan dapat dipercaya.					
X2	***Conscientiousne*** **(Berhati-hati) (X2)**					
1	Kualitas barang yang akan dibeli harus sesuai dengan yang saya inginkan					
2	Kualitas dari pelayanan pemilik online shop harus sesuai dengan yang saya inginkan					
3	Penampilan website harus dapat meyakinkan dan didukung sertifikasi dari *security online market*					
Y1	***Innovativenes*** **(Pembaharuan) (Y1)**					
1	Kejadian yang tidak terduga membuat konsumen memiliki niat beli pada batik					
2	Adanya ketidak selarasan antara realita yang semula diasumsikan dengan realita yang benar terjadi membuat konsumen memiliki niat beli pada batik					
3	Proses sesuatu akan kebutuhan membuat konsumen memiliki niat beli pada batik.					
4	Adanya pengetahuan baru baik ilmiah maupun tidak membuat konsumen memiliki niat beli pada batik..					

ITEM	I N D I K A T O R P E R I L A K U	SS	S	N	TS	STS
Y2	***Value Consciousness* (Sensitif harga) *(Y2)***					
1	Berusaha mendapatkan harga yang sesuai dengan keinginan (Harga terbaik)					
2	Saya melihat dan menimbang apakah kualitas yang didapat sesuai dengan harga					
3	Transaksi jual beli dari media online akan terjadi apabila calon pembeli merasa nilai barang dan harga sesuai dengan yang diharapkan					
Y3	***Online Purchase Intention* (Keinginan untuk membeli) (Y3)**					
1	Konsumen memiliki kecenderungan melakukan pembelian atas batik yang diinginkan					
2	Konsumen memiliki niat beli yang didasari dengan sejumlah usaha untuk memiliki batik yang diinginkan.					
3	Terjadinya transaksi jual beli dari media online yang dilakukan konsumen berasal dari usaha yang dilakukan dengan mengerahkan segala cara.					

Terimakasih atas partisipasinya dan kerahasiaan akan saya jamin disini.

Lampiran 2

HASIL REKAP KUISIONER

No. Resp	X1_1	X1_2	X1_3	X2_1	X2_2	X2_3	Y1_1	Y1_2	Y1_3	Y1_4	Y2_1	Y2_2	Y2_3	Y3_1	Y3_2	Y3_3
1	2	2	2	3	3	2	2	3	2	3	2	2	3	1	3	3
2	3	2	3	4	3	3	4	4	3	3	3	4	4	3	4	4
3	2	2	1	3	2	3	3	3	4	4	3	3	2	2	2	2
4	4	3	4	5	3	4	4	4	4	3	4	4	3	3	3	3
5	4	4	3	2	1	2	2	2	3	2	3	3	2	2	2	2
6	3	4	4	5	4	5	5	5	4	5	4	4	4	3	4	4
7	4	4	3	3	3	4	3	4	4	3	2	4	3	4	4	4
8	5	5	5	4	4	4	3	3	3	4	3	3	4	4	4	4
9	2	2	3	3	3	4	3	3	4	3	4	4	3	4	3	3
10	4	4	5	4	4	3	4	4	3	3	3	4	4	5	4	4
11	4	4	4	2	3	4	2	2	3	3	4	3	4	3	3	3
12	2	2	2	4	3	4	3	4	4	4	3	4	3	3	4	3
13	2	2	1	3	2	3	3	3	3	4	3	3	2	2	2	2
14	5	4	4	5	4	5	4	5	4	5	4	4	5	5	5	5
15	3	3	3	4	3	4	4	4	3	4	3	3	4	4	4	4
16	4	4	5	3	4	3	3	3	4	5	4	4	5	5	5	5
17	3	3	4	4	3	4	4	4	3	4	3	4	4	4	4	4
18	3	4	3	5	4	5	5	4	4	4	3	3	4	3	3	3
19	3	4	3	3	3	4	3	3	4	3	4	3	4	2	3	4
20	2	3	2	4	4	5	4	4	4	5	4	4	3	3	3	3
21	1	2	2	3	3	4	3	3	3	4	4	3	2	3	2	2
22	3	2	3	4	4	5	4	4	3	4	3	3	3	3	3	3
23	3	2	3	2	3	3	2	3	4	4	3	4	3	4	4	4
24	5	4	4	3	4	5	3	3	4	5	4	3	3	5	4	4
25	1	1	2	2	3	2	2	2	1	2	1	1	2	3	2	2
26	3	3	3	5	4	5	5	4	4	5	4	4	3	3	3	3
27	4	4	4	2	1	2	2	2	1	2	1	1	2	1	1	2
28	4	5	5	5	4	5	5	5	4	5	4	4	5	3	5	5
29	4	4	4	3	2	3	3	3	1	3	2	1	2	2	2	2
30	3	3	3	2	3	2	2	3	2	3	2	2	3	3	3	3
31	2	2	2	2	1	2	2	2	2	3	2	2	2	3	2	2
32	4	3	4	5	4	5	4	5	4	5	4	3	5	5	5	5
33	3	3	3	3	3	4	3	3	3	4	3	3	4	3	4	4
34	4	4	3	4	4	4	4	3	4	5	4	4	5	5	5	5
35	3	4	4	3	3	4	3	4	4	4	3	3	3	4	4	4
36	5	5	5	3	3	4	3	3	3	4	4	3	3	4	3	3
37	2	2	2	2	2	4	2	2	2	2	2	2	2	2	2	2
38	3	3	3	3	2	3	3	3	3	4	3	3	3	2	3	3
39	3	2	4	4	3	3	4	3	4	5	3	4	4	3	4	4
40	2	2	2	3	2	3	3	4	3	4	4	3	3	3	3	3
41	4	4	3	4	3	4	4	3	4	4	4	4	4	4	4	4

42	5	4	4	5	4	5	5	5	4	5	3	4	5	5	5	5
43	4	3	4	4	3	4	4	4	3	4	4	3	4	3	4	4
44	4	4	4	5	4	5	5	5	3	3	3	4	5	3	5	5
45	2	2	2	4	3	4	4	4	4	3	4	4	2	2	2	2
46	3	4	3	2	3	2	2	2	3	4	4	3	4	3	4	4
47	4	3	4	4	4	3	4	3	3	4	3	3	2	4	2	2
48	3	4	3	4	5	4	5	4	4	5	4	4	5	5	5	5
49	4	3	4	4	4	4	4	3	3	4	3	3	4	2	4	4
50	3	3	3	3	3	3	4	4	5	5	4	4	4	5	4	3
51	2	2	2	4	3	4	3	5	4	4	4	3	4	3	3	4
52	2	2	2	5	4	5	3	4	3	5	5	4	4	4	3	4
53	4	4	4	5	4	5	4	4	5	4	4	3	5	5	5	5
54	3	4	3	4	3	4	4	3	5	5	4	4	4	5	3	4
55	4	4	4	3	4	5	4	3	3	4	4	4	5	5	4	5
56	5	4	4	4	4	3	5	4	3	5	5	5	4	4	5	3
57	4	4	3	5	5	5	5	5	3	4	3	4	5	5	5	3
58	3	4	4	3	2	3	3	2	5	5	4	3	4	4	4	4
59	2	2	2	4	5	5	5	5	4	4	4	3	4	4	4	4
60	2	3	2	5	4	4	5	4	5	4	5	4	5	4	4	4
61	3	3	3	4	4	4	4	3	4	5	4	4	4	5	5	5
62	2	3	2	4	5	4	4	5	5	4	4	5	5	4	5	4
63	2	3	2	4	4	5	5	4	4	5	4	5	5	3	4	4
64	3	4	3	5	5	4	4	5	4	4	5	4	4	3	5	4
65	4	3	3	4	4	5	5	4	2	3	2	2	3	4	2	4
66	3	2	3	5	3	4	5	4	3	4	3	3	4	4	5	4
67	2	2	2	4	3	4	4	3	3	4	3	3	4	3	3	3
68	3	3	3	4	4	5	5	4	4	5	4	4	3	3	4	3
69	2	1	2	5	3	3	5	3	3	4	3	3	4	4	4	4
70	1	3	1	5	4	4	5	4	4	5	4	4	4	4	4	3
71	3	3	3	4	5	5	5	5	3	4	3	3	3	4	3	2
72	3	3	4	4	4	4	5	4	5	5	4	5	4	4	3	3
73	4	3	3	5	5	4	5	5	4	4	4	4	4	5	4	5
74	3	3	4	3	4	4	3	3	4	5	5	4	4	4	5	4
75	3	2	3	5	3	4	4	3	4	4	4	4	5	5	4	5
76	4	2	4	4	4	5	4	4	5	5	4	5	5	5	3	5
77	3	4	3	3	4	3	3	3	3	5	3	3	4	5	5	5
78	3	4	5	5	5	5	4	4	4	4	4	3	5	5	4	4
79	4	3	4	4	4	4	4	3	3	5	5	4	5	4	5	4
80	4	3	2	2	3	2	5	4	4	5	4	3	4	3	5	3
81	4	3	4	4	4	4	4	5	3	4	5	4	5	5	5	5
82	5	4	5	5	5	5	5	4	4	5	5	3	5	5	4	5
83	2	3	4	4	2	4	2	5	4	5	4	4	4	4	4	4
84	3	4	3	3	3	3	3	4	3	5	4	3	3	3	3	3
85	5	4	5	3	5	5	5	5	4	5	5	4	4	4	5	4
86	3	4	4	4	3	4	3	4	4	4	4	3	5	4	4	5
87	4	3	2	2	4	2	4	5	5	5	5	4	5	4	4	5

88	3	4	4	4	3	4	3	4	4	4	4	4	3	3	4	3
89	5	3	3	4	5	4	5	4	4	5	5	4	4	4	4	4
90	3	4	4	4	3	3	3	5	4	4	4	4	3	5	5	5
91	3	4	3	4	3	4	3	5	4	5	5	4	5	5	4	5
92	2	3	3	3	2	3	2	4	4	5	4	4	4	4	4	4
93	4	5	4	3	4	3	4	5	5	4	5	4	3	3	5	3
94	5	3	4	4	5	4	5	4	3	5	3	3	3	5	2	2
95	3	2	4	4	3	4	3	5	4	4	4	4	4	4	2	2
96	4	3	5	5	5	5	5	4	5	5	4	5	5	5	3	2
97	5	4	3	3	5	3	5	4	3	4	4	3	4	4	5	4
98	4	2	3	3	4	3	4	5	4	5	5	4	5	4	5	3
99	3	3	4	4	3	4	3	4	3	4	4	3	4	5	4	5
100	3	3	3	3	3	3	3	4	3	5	5	3	5	4	4	5
101	4	3	3	3	4	3	5	5	4	4	4	4	5	5	5	5
102	4	5	4	4	4	4	4	4	4	4	4	3	4	4	4	4
103	3	3	4	4	3	4	5	4	4	5	3	4	2	2	2	2
104	3	3	3	3	3	3	3	5	4	4	4	3	3	3	2	3
105	5	3	4	4	5	4	4	4	4	5	4	4	4	3	3	3
106	5	3	4	3	4	4	4	5	4	5	5	3	4	4	3	4
107	3	3	4	4	3	3	4	4	3	5	5	3	3	2	2	2
108	3	3	3	3	3	3	3	5	4	4	4	4	3	4	3	4
109	4	3	4	4	5	4	5	4	5	5	5	5	4	3	4	3
110	3	3	4	4	3	4	5	5	4	4	4	4	3	3	3	4
111	4	3	3	4	4	3	3	4	4	5	5	5	4	4	4	4
112	3	3	4	4	3	4	4	5	4	4	4	5	4	3	3	4
113	5	3	4	4	5	4	3	4	3	5	5	4	4	3	4	4
114	3	3	3	3	3	3	3	3	4	4	5	4	3	4	3	3
115	4	4	4	4	3	4	4	5	4	5	4	5	4	3	4	4
116	3	3	3	3	4	4	5	4	4	4	5	4	3	3	4	3
117	4	3	3	4	4	5	4	5	4	4	4	4	4	3	3	3
118	5	4	3	4	5	4	5	4	5	5	4	5	4	4	3	4
119	5	3	4	5	4	5	5	5	4	4	4	4	3	3	4	3
120	2	4	4	4	4	5	4	4	4	5	5	5	4	4	3	4
121	3	3	3	5	5	4	5	5	4	5	4	4	3	4	4	3
122	3	4	4	4	4	5	5	4	5	4	4	4	3	3	4	3
123	3	3	3	3	4	5	4	4	4	5	4	4	4	4	4	4
124	3	4	4	3	5	5	5	5	4	4	5	4	3	3	4	3
125	4	3	4	4	4	5	5	4	4	5	4	5	3	3	3	3
126	4	3	3	4	4	4	4	4	5	4	4	4	3	4	5	4
127	4	5	4	3	3	3	3	3	4	5	4	5	4	4	3	4
128	3	4	3	3	4	4	4	4	4	4	5	4	3	3	3	4
129	3	3	4	4	3	4	4	3	4	5	4	4	4	5	5	3
130	5	4	3	3	4	3	2	4	5	4	4	5	5	5	4	3
131	4	3	3	4	3	3	3	4	4	5	4	5	4	4	4	3
132	3	4	3	4	4	4	2	3	4	4	5	5	5	5	3	4
133	3	4	4	3	3	4	3	3	4	5	4	4	4	5	5	3

134	3	5	5	4	3	4	4	4	5	5	4	5	5	5	3	4
135	3	4	4	3	4	4	2	4	3	5	4	4	4	5	3	4
136	5	3	3	4	4	4	2	4	4	4	3	4	3	3	4	3
137	5	4	3	3	3	3	2	3	3	5	4	5	2	2	4	4
138	4	4	3	4	2	3	4	2	3	4	4	4	5	5	5	4
139	3	3	3	3	3	3	4	3	4	5	4	5	4	3	5	4
140	4	3	4	3	3	4	4	4	4	4	4	4	3	4	4	4
141	3	4	4	4	3	3	4	3	4	5	3	5	3	3	5	3
142	3	3	2	3	3	2	2	4	3	4	5	5	4	4	5	5
143	5	4	3	4	3	3	3	3	4	5	4	4	5	5	5	4
144	4	4	4	3	4	2	2	4	3	4	3	4	4	4	4	3
145	3	3	3	3	3	3	3	4	5	5	5	5	4	4	5	5
146	3	4	4	4	4	2	4	3	4	5	4	5	5	5	4	4
147	4	3	3	3	3	3	4	3	3	4	3	4	3	3	4	3
148	3	4	4	4	4	2	3	4	3	5	5	5	4	4	5	5
149	3	4	3	3	3	3	4	3	4	5	4	5	5	5	5	4
150	4	3	4	4	4	2	4	4	3	5	3	5	3	3	5	3
151	4	3	3	3	3	3	4	3	4	4	5	5	4	3	3	4
152	5	4	4	4	5	5	4	4	4	3	4	4	3	4	4	5
153	4	3	3	4	4	3	5	4	4	4	4	5	5	5	5	4
154	3	3	3	3	4	4	3	3	3	4	3	3	4	4	3	4
155	4	4	4	4	3	3	4	3	4	4	4	4	3	3	3	4
156	3	4	3	4	4	4	3	4	3	3	3	3	4	3	4	3
157	4	3	4	4	4	3	4	4	4	3	4	4	3	4	3	4
158	3	4	5	5	5	5	5	5	3	4	3	3	4	3	4	4
159	2	2	2	3	3	3	3	3	4	4	4	4	5	4	5	5
160	4	3	4	4	4	4	3	4	2	2	2	2	3	3	3	3
161	3	3	3	4	4	3	4	4	4	4	4	4	4	3	4	4
162	5	3	3	5	4	5	5	5	3	2	3	3	3	3	4	4
163	2	4	4	3	2	2	3	3	4	3	4	4	5	5	5	5
164	5	3	3	5	5	5	5	5	3	3	3	3	3	3	3	2
165	4	4	3	4	4	4	4	4	4	5	4	4	4	4	5	5
166	5	5	5	3	5	4	5	5	3	4	3	3	4	3	4	4
167	5	4	4	4	4	3	4	5	3	4	3	3	4	3	5	5
168	4	5	5	5	4	5	5	4	3	5	3	3	3	4	4	4
169	4	4	3	4	4	4	4	3	4	4	4	4	4	5	5	5
170	5	5	4	5	4	5	5	4	2	3	2	2	3	4	3	4
171	4	3	3	3	3	3	3	3	3	4	3	3	4	3	5	4
172	4	5	4	5	5	5	5	5	3	3	3	3	3	3	3	3
173	4	3	4	4	4	4	4	4	4	5	4	4	4	5	5	5
174	5	5	5	5	5	5	5	5	4	3	4	4	3	3	4	4
175	4	3	3	4	4	4	4	4	3	4	5	5	3	4	5	5
176	5	3	4	5	4	4	5	5	4	3	4	4	4	4	4	4
177	3	4	2	3	3	3	4	3	4	4	4	4	5	4	5	5
178	3	2	2	3	2	3	3	3	3	2	3	3	2	3	2	2
179	4	4	4	4	3	4	4	4	3	4	3	3	4	3	3	4

180	4	5	5	3	2	3	3	3	3	4	3	3	2	3	3	2
181	1	1	1	2	1	2	2	2	4	5	4	4	5	4	4	5
182	4	3	4	5	4	5	5	5	2	2	2	2	4	3	4	4
183	1	1	2	4	3	4	4	4	4	5	4	4	5	4	3	5
184	4	4	3	3	2	3	3	3	2	3	2	2	3	4	4	3
185	1	2	2	4	2	4	3	4	3	2	3	3	3	3	3	3
186	4	4	3	4	3	4	4	4	2	3	2	2	4	4	4	4
187	2	1	2	3	2	3	3	3	3	4	3	3	4	5	5	4
188	3	3	3	5	4	5	5	5	2	3	2	2	2	2	2	2
189	1	1	1	4	2	4	4	4	3	4	3	3	3	3	4	3
190	3	4	4	5	3	5	5	5	3	4	3	3	3	3	4	3
191	4	4	3	2	1	2	2	2	3	4	3	3	4	4	4	4
192	2	2	2	5	3	5	4	5	3	4	3	3	2	3	3	2
193	2	1	1	3	2	3	3	3	1	2	1	1	2	1	1	2
194	2	2	2	3	2	3	3	3	4	5	4	4	2	3	3	2
195	2	2	2	3	3	4	3	4	2	2	2	2	2	2	2	2
196	4	4	3	4	4	5	4	4	3	4	3	3	2	2	2	2
197	3	4	4	2	1	2	2	2	2	3	2	2	4	3	3	4
198	2	2	2	5	4	5	5	5	3	4	3	3	3	2	2	3
199	2	1	1	3	4	4	3	3	2	2	1	1	2	2	2	2
200	4	3	4	3	3	3	3	4	3	3	3	3	2	2	2	2

LAMPIRAN 3

OUTPUT LISREL

DATE: 12/ 1/2014
TIME: 9:57

L I S R E L 8.70

BY

Karl G. Jöreskog& Dag Sörbom

This program is published exclusively by
Scientific Software International, Inc.
7383 N. Lincoln Avenue, Suite 100
Lincolnwood, IL 60712, U.S.A.
Phone: (800)247-6113, (847)675-0720, Fax: (847)675-2140

The following lines were read from file D:\ANDRE\HASIL DATA RISET.spl:

```
HASIL DATA RISET
OBSERVED VARIBLES X1.1 X1.2 X1.3 X2.1 X2.2 X2.3 Y1.1 Y1.2 Y1.3 Y1.4 Y2.1 Y2.2 Y2.3 Y3.1 Y3.2 Y3.3
COVARIANCE MATRIX FROM FILE D:\ANDRE\DATA.COV
ASYMPTOTIC COVARIANCE MATRIX FROM FILE D:\ANDRE\DATA.ACM
LATENT VARIABLES X1 X2 Y1 Y2 Y3
SAMPLE SIZE 200
RELATIONSHIPS
X1.1=1*X1
X1.2-X1.3=X1
X2.1=1*X2
X2.2-X2.3=X2
Y1.1=1*Y1
Y1.2-Y1.4=Y1
Y2.1=1*Y2
Y2.2-Y2.3=Y2
Y3.1=1*Y3
Y3.2-Y3.3=Y3
Y3=Y1 Y2
Y2=X1 X2
Y1=X1 X2
OPTIONS: SS SC EF RS
PATH DIAGRAM
END OF PROGRAM
```

Sample Size = 200

HASIL DATA RISET

Covariance Matrix

	Y1.1	Y1.2	Y1.3	Y1.4	Y2.1	Y2.2
Y1.1	0.93					
Y1.2	0.45	0.72				
Y1.3	0.19	0.17	0.69			
Y1.4	0.15	0.08	0.38	0.74		
Y2.1	0.12	0.17	0.46	0.44	0.81	
Y2.2	0.15	0.14	0.51	0.45	0.52	0.82
Y2.3	0.14	0.10	0.32	0.34	0.36	0.35
Y3.1	0.09	0.05	0.32	0.34	0.32	0.33
Y3.2	0.18	0.13	0.27	0.33	0.34	0.38
Y3.3	0.07	0.11	0.23	0.25	0.33	0.27
X1.1	0.24	0.17	0.04	0.07	0.10	0.11
X1.2	0.10	0.06	0.10	0.10	0.11	0.11
X1.3	0.18	0.15	0.09	0.14	0.12	0.12
X2.1	0.53	0.40	0.11	0.08	0.06	0.12
X2.2	0.55	0.44	0.20	0.19	0.25	0.21
X2.3	0.50	0.39	0.11	0.05	0.05	0.00

Covariance Matrix

	Y2.3	Y3.1	Y3.2	Y3.3	X1.1	X1.2
Y2.3	0.85					
Y3.1	0.59	0.93				
Y3.2	0.56	0.52	0.98			
Y3.3	0.62	0.53	0.62	0.89		
X1.1	0.12	0.18	0.24	0.17	1.03	
X1.2	0.17	0.19	0.24	0.21	0.52	0.86
X1.3	0.16	0.22	0.16	0.17	0.56	0.57
X2.1	0.16	0.13	0.13	0.12	0.13	0.07
X2.2	0.23	0.23	0.24	0.17	0.40	0.21
X2.3	0.05	0.07	-0.03	0.04	0.13	0.10

Covariance Matrix

	X1.3	X2.1	X2.2	X2.3
X1.3	0.87			
X2.1	0.18	0.71		
X2.2	0.27	0.40	0.88	
X2.3	0.19	0.50	0.47	0.82

HASIL DATA RISET

Number of Iterations = 26

LISREL Estimates (Robust Maximum Likelihood)

Measurement Equations

Y1.1 = 1.00*Y1, Errorvar.= 0.34 , R^2 = 0.64
(0.055)
6.09

Y1.2 = 0.77*Y1, Errorvar.= 0.37 , R^2 = 0.49
(0.062) (0.043)
12.43 8.59

Y1.3 = 0.33*Y1, Errorvar.= 0.63 , R^2 = 0.095
(0.088) (0.061)
3.78 10.31

Y1.4 = 0.26*Y1, Errorvar.= 0.70 , R^2 = 0.054
(0.094) (0.057)
2.76 12.26

Y2.1 = 1.00*Y2, Errorvar.= 0.56 , R^2 = 0.30
(0.055)
10.28

Y2.2 = 0.97*Y2, Errorvar.= 0.59 , R^2 = 0.28
(0.10) (0.053)
9.45 11.10

Y2.3 = 1.59*Y2, Errorvar.= 0.23 , R^2 = 0.73
(0.22) (0.051)
7.38 4.55

Y3.1 = 1.00*Y3, Errorvar.= 0.42 , R^2 = 0.55
(0.055)
7.67

Y3.2 = 1.06*Y3, Errorvar.= 0.41 , R^2 = 0.58
(0.097) (0.052)
10.91 7.84

Y3.3 = 1.08*Y3, Errorvar.= 0.30 , R^2 = 0.67
(0.10) (0.048)
10.47 6.27

X1.1 = 1.00*X1, Errorvar.= 0.52 , R^2 = 0.50
(0.066)
7.85

X1.2 = 1.00*X1, Errorvar.= 0.35 , R^2 = 0.60
(0.10) (0.047)
9.70 7.36

X1.3 = 1.09*X1, Errorvar.= 0.26 , R^2 = 0.71
(0.11) (0.046)
9.98 5.57

X2.1 = 1.00*X2, Errorvar.= 0.28 , R^2 = 0.61
(0.044)
6.45

X2.2 = 1.07*X2, Errorvar.= 0.39 , R^2 = 0.56
(0.11) (0.041)
9.78 9.60

X2.3 = 1.00*X2, Errorvar.= 0.39 , R^2 = 0.53
(0.086) (0.048)
11.64 8.01

Structural Equations

Y1 = - 0.087*X1 + 1.22*X2, Errorvar.= -0.019 , R^2 = 1.03
(0.066) (0.11) (0.053)
-1.30 11.42 -0.36

W_A_R_N_I_N_G : Error variance is negative.

Y2 = 0.15*X1 + 0.20*X2, Errorvar.= 0.20 , R^2 = 0.16
(0.071) (0.083) (0.051)
2.17 2.41 4.00

Y3 = - 0.078*Y1 + 1.45*Y2, Errorvar.= 0.020 , R^2 = 0.96
(0.053) (0.19) (0.041)
-1.48 7.52 0.48

Reduced Form Equations

Y1 = - 0.087*X1 + 1.22*X2, Errorvar.= -0.019, R^2 = 1.03
(0.066) (0.11)
-1.30 11.42

Y2 = 0.15*X1 + 0.20*X2, Errorvar.= 0.20, R^2 = 0.16
(0.071) (0.083)
2.17 2.41

Y3 = 0.23*X1 + 0.19*X2, Errorvar.= 0.45, R^2 = 0.12
(0.10) (0.11)
2.27 1.78

Covariance Matrix of Independent Variables

	X1	X2
X1	0.52	
	(0.10)	
	5.39	
X2	0.17	0.43
	(0.05)	(0.07)
	3.60	6.19

Covariance Matrix of Latent Variables

	Y1	Y2	Y3	X1	X2
Y1	0.59				
Y2	0.13	0.24			
Y3	0.14	0.34	0.51		
X1	0.17	0.11	0.15	0.52	
X2	0.51	0.11	0.12	0.17	0.43

W_A_R_N_I_N_G: Matrix above is not positive definite

Goodness of Fit Statistics

Degrees of Freedom = 97
Minimum Fit Function Chi-Square = 472.73 (P = 0.0)
Normal Theory Weighted Least Squares Chi-Square = 496.97 (P = 0.0)
Satorra-Bentler Scaled Chi-Square = 488.23 (P = 0.0)
Chi-Square Corrected for Non-Normality = 536.82 (P = 0.0)
Estimated Non-centrality Parameter (NCP) = 391.23
90 Percent Confidence Interval for NCP = (325.97 ; 464.02)

Minimum Fit Function Value = 2.38
Population Discrepancy Function Value (F0) = 1.97
90 Percent Confidence Interval for F0 = (1.64 ; 2.33)
Root Mean Square Error of Approximation (RMSEA) = 0.07
90 Percent Confidence Interval for RMSEA = (0.06 ; 0.10)
P-Value for Test of Close Fit (RMSEA < 0.05) = 0.00

Expected Cross-Validation Index (ECVI) = 2.85
90 Percent Confidence Interval for ECVI = (2.52 ; 3.21)
ECVI for Saturated Model = 1.37
ECVI for Independence Model = 13.98

Chi-Square for Independence Model with 120 Degrees of Freedom = 2750.24
Independence AIC = 2782.24
Model AIC = 566.23
Saturated AIC = 272.00

Independence CAIC = 2851.01
Model CAIC = 733.86
Saturated CAIC = 856.57

Normed Fit Index (NFI) = 0.82
Non-Normed Fit Index (NNFI) = 0.82
Parsimony Normed Fit Index (PNFI) = 0.66
Comparative Fit Index (CFI) = 0.85
Incremental Fit Index (IFI) = 0.85
Relative Fit Index (RFI) = 0.78

Critical N (CN) = 54.93

Root Mean Square Residual (RMR) = 0.11
Standardized RMR = 0.14
Goodness of Fit Index (GFI) = 0.91
Adjusted Goodness of Fit Index (AGFI) = 0.89
Parsimony Goodness of Fit Index (PGFI) = 0.74

HASIL DATA RISET

Fitted Covariance Matrix

	Y1.1	Y1.2	Y1.3	Y1.4	Y2.1	Y2.2
Y1.1	0.93					
Y1.2	0.46	0.72				
Y1.3	0.20	0.15	0.69			
Y1.4	0.15	0.12	0.05	0.74		
Y2.1	0.13	0.10	0.04	0.03	0.81	
Y2.2	0.12	0.10	0.04	0.03	0.24	0.82
Y2.3	0.20	0.16	0.07	0.05	0.39	0.38
Y3.1	0.14	0.11	0.05	0.04	0.34	0.34
Y3.2	0.15	0.11	0.05	0.04	0.37	0.36
Y3.3	0.15	0.12	0.05	0.04	0.37	0.36
X1.1	0.17	0.13	0.06	0.04	0.11	0.11
X1.2	0.17	0.13	0.06	0.04	0.11	0.11
X1.3	0.18	0.14	0.06	0.05	0.12	0.12
X2.1	0.51	0.40	0.17	0.13	0.11	0.11
X2.2	0.55	0.42	0.18	0.14	0.12	0.12
X2.3	0.51	0.40	0.17	0.13	0.11	0.11

Fitted Covariance Matrix

	Y2.3	Y3.1	Y3.2	Y3.3	X1.1	X1.2
Y2.3	0.85					
Y3.1	0.55	0.93				
Y3.2	0.58	0.54	0.98			
Y3.3	0.59	0.55	0.58	0.89		
X1.1	0.18	0.15	0.16	0.17	1.03	
X1.2	0.18	0.15	0.16	0.17	0.52	0.86
X1.3	0.20	0.17	0.18	0.18	0.56	0.56
X2.1	0.18	0.12	0.13	0.13	0.17	0.17
X2.2	0.19	0.13	0.14	0.14	0.19	0.19
X2.3	0.18	0.12	0.13	0.13	0.17	0.17

Fitted Covariance Matrix

	X1.3	X2.1	X2.2	X2.3
X1.3	0.87			
X2.1	0.19	0.71		
X2.2	0.20	0.46	0.88	
X2.3	0.19	0.43	0.46	0.82

Fitted Residuals

	Y1.1	Y1.2	Y1.3	Y1.4	Y2.1	Y2.2
Y1.1	0.00					
Y1.2	-0.01	0.00				
Y1.3	-0.01	0.01	0.00			
Y1.4	0.00	-0.04	0.33	0.00		
Y2.1	-0.01	0.08	0.42	0.41	0.00	
Y2.2	0.02	0.04	0.47	0.41	0.29	0.00
Y2.3	-0.06	-0.05	0.25	0.28	-0.03	-0.03
Y3.1	-0.05	-0.06	0.28	0.30	-0.03	-0.01
Y3.2	0.03	0.02	0.22	0.29	-0.03	0.02
Y3.3	-0.08	-0.01	0.18	0.21	-0.04	-0.09
X1.1	0.07	0.04	-0.01	0.03	-0.01	0.00
X1.2	-0.07	-0.07	0.04	0.06	0.00	0.00
X1.3	0.00	0.01	0.03	0.09	-0.01	0.00
X2.1	0.02	0.01	-0.06	-0.05	-0.05	0.01

```
     X2.2       0.00       0.01       0.02       0.04       0.13
0.09
     X2.3      -0.01      -0.01      -0.06      -0.08      -0.07
-0.11

         Fitted Residuals

                Y2.3       Y3.1       Y3.2       Y3.3       X1.1
X1.2
            --------   --------   --------   --------   --------
--------
     Y2.3       0.00
     Y3.1       0.04       0.00
     Y3.2      -0.02      -0.02       0.00
     Y3.3       0.02      -0.02       0.03       0.00
     X1.1      -0.06       0.03       0.08       0.01       0.00
     X1.2      -0.02       0.04       0.08       0.05       0.00
0.00
     X1.3      -0.04       0.05      -0.02      -0.01      -0.01
0.00
     X2.1      -0.02       0.01       0.00      -0.02      -0.04
-0.10
     X2.2       0.04       0.10       0.10       0.03       0.22
0.03
     X2.3      -0.13      -0.06      -0.16      -0.10      -0.04
-0.07

         Fitted Residuals

                X1.3       X2.1       X2.2       X2.3
            --------   --------   --------   --------
     X1.3       0.00
     X2.1      -0.01       0.00
     X2.2       0.07      -0.06       0.00
     X2.3       0.00       0.07       0.00       0.00

 Summary Statistics for Fitted Residuals

 Smallest Fitted Residual =   -0.16
   Median Fitted Residual =    0.00
  Largest Fitted Residual =    0.47

Stemleaf Plot

 - 1|6
 - 1|3100
 - 0|988777766666665555
 - 0|444443333222222211111111111100000000000000000000000000000
   0|11111112222223333333444444
   0|55677788899
   1|003
   1|8
   2|122
   2|58899
   3|03
   3|
   4|112
   4|7
```

Standardized Residuals

	Y1.1	Y1.2	Y1.3	Y1.4	Y2.1	Y2.2
Y1.1	- -					
Y1.2	- -	- -				
Y1.3	-0.21	0.40	- -			
Y1.4	0.02	-1.01	6.00	- -		
Y2.1	-0.13	1.53	6.46	6.66	- -	
Y2.2	0.39	0.84	6.81	6.60	5.06	- -
Y2.3	-1.98	-1.28	4.56	5.06	- -	-2.69
Y3.1	-1.01	-1.20	4.41	4.86	-0.83	-0.17
Y3.2	0.72	0.33	3.31	4.36	-0.65	0.46
Y3.3	-2.36	-0.20	3.31	3.45	-3.58	-7.55
X1.1	1.39	0.85	-0.20	0.41	-0.21	-0.07
X1.2	-1.79	-1.50	0.78	1.02	-0.01	-0.02
X1.3	-0.01	0.40	0.53	1.57	-0.17	0.01
X2.1	- -	0.33	-1.64	-1.28	-1.02	0.29
X2.2	- -	0.46	0.48	1.09	2.52	1.79
X2.3	- -	-0.61	-1.49	-2.06	-1.20	-1.84

Standardized Residuals

	Y2.3	Y3.1	Y3.2	Y3.3	X1.1	X1.2
Y2.3	- -					
Y3.1	- -	- -				
Y3.2	- -	-0.51	- -			
Y3.3	- -	- -	- -	- -		
X1.1	-1.15	0.71	1.57	0.15	- -	
X1.2	-0.36	0.91	1.63	1.12	0.22	- -
X1.3	-0.86	1.05	-0.32	-0.28	-0.84	0.12
X2.1	-0.55	0.26	-0.03	-0.45	-0.92	-2.44
X2.2	0.91	1.97	1.87	0.52	4.03	0.58
X2.3	-2.98	-1.12	-3.15	-2.01	-0.92	-1.87

Standardized Residuals

	X1.3	X2.1	X2.2	X2.3

X1.3	- -			
X2.1	-0.18	- -		
X2.2	1.41	-18.59	- -	
X2.3	0.12	4.78	- -	- -

Summary Statistics for Standardized Residuals

Smallest Standardized Residual = -18.59
Median Standardized Residual = 0.00
Largest Standardized Residual = 6.81

Stemleaf Plot

```
-18|6
-16|
-14|
-12|
-10|
- 8|
- 6|6
- 4|
- 2|610744100
-
0|9886553322110009998866554433222222211000000000000000000000000000000000
   0|11223333444455555677889990011445666 89
   2|05334
   4|04468911
   6|05678
```

Largest Negative Standardized Residuals

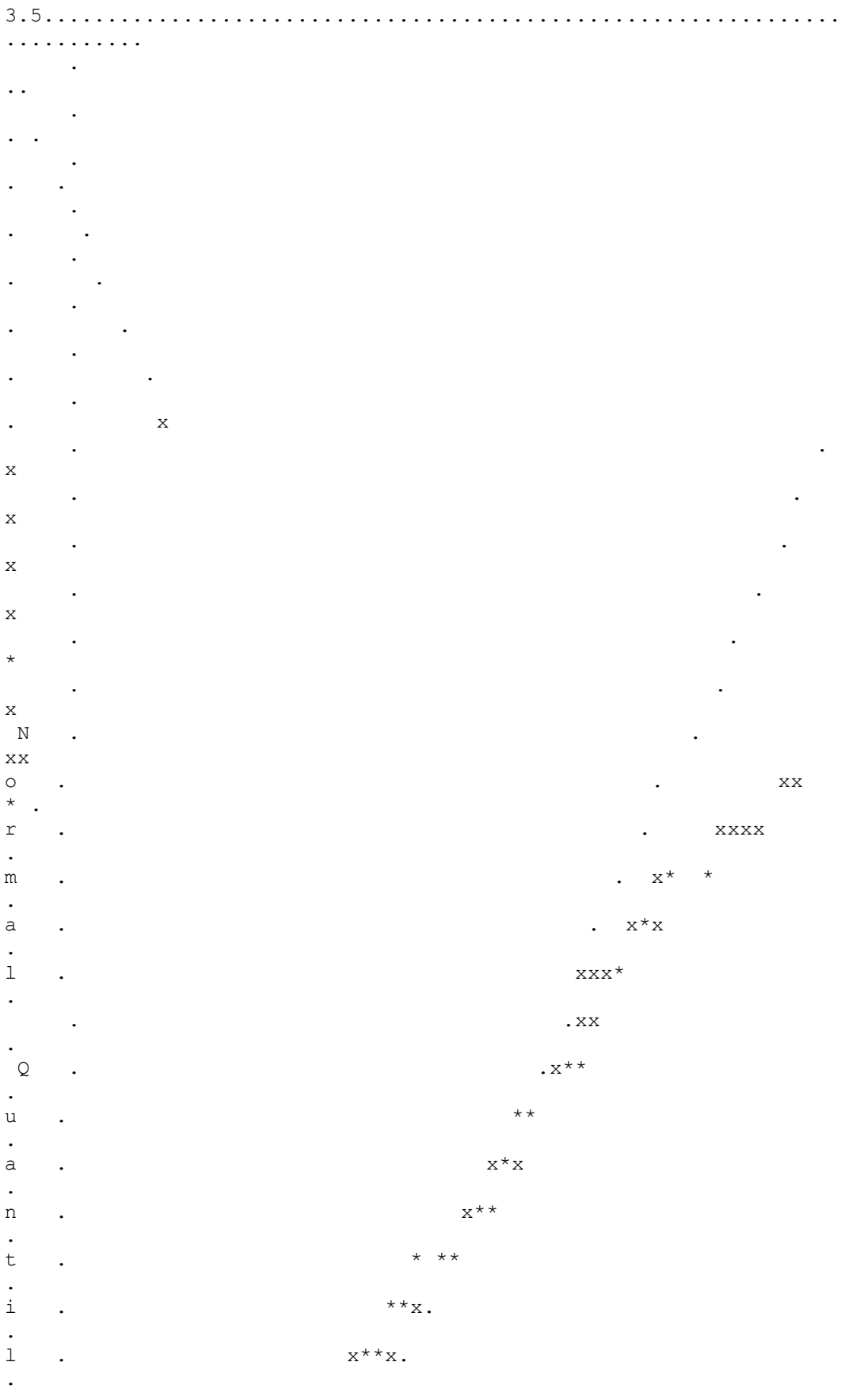
Residual for	Y2.3 and	Y2.2	-2.69
Residual for	Y3.3 and	Y2.1	-3.58
Residual for	Y3.3 and	Y2.2	-7.55
Residual for	X2.2 and	X2.1	-18.59
Residual for	X2.3 and	Y2.3	-2.98
Residual for	X2.3 and	Y3.2	-3.15

Largest Positive Standardized Residuals

Residual for	Y1.4 and	Y1.3	6.00
Residual for	Y2.1 and	Y1.3	6.46
Residual for	Y2.1 and	Y1.4	6.66
Residual for	Y2.2 and	Y1.3	6.81
Residual for	Y2.2 and	Y1.4	6.60
Residual for	Y2.2 and	Y2.1	5.06
Residual for	Y2.3 and	Y1.3	4.56
Residual for	Y2.3 and	Y1.4	5.06
Residual for	Y3.1 and	Y1.3	4.41
Residual for	Y3.1 and	Y1.4	4.86
Residual for	Y3.2 and	Y1.3	3.31
Residual for	Y3.2 and	Y1.4	4.36
Residual for	Y3.3 and	Y1.3	3.31
Residual for	Y3.3 and	Y1.4	3.45
Residual for	X2.2 and	X1.1	4.03
Residual for	X2.3 and	X2.1	4.78

HASIL DATA RISET

Qplot of Standardized Residuals


3.5
Quantile

The Modification Indices Suggest to Add the

Path to	from	Decrease in Chi-Square	New Estimate
Y1.3	Y2	47.4	0.94
Y1.3	Y3	42.8	0.59
Y1.4	Y2	50.4	1.02
Y1.4	Y3	46.3	0.65
X2.2	X1	10.4	0.30

The Modification Indices Suggest to Add an Error Covariance

Between	and	Decrease in Chi-Square	New Estimate
Y1.4	Y1.3	50.8	0.34
Y2.1	Y1.3	36.9	0.26
Y2.1	Y1.4	27.8	0.24
Y2.2	Y1.3	51.7	0.32
Y2.2	Y1.4	27.8	0.25
Y2.2	Y2.1	56.9	0.33
Y3.3	Y2.2	12.5	-0.14
Y3.3	Y2.3	23.1	0.35
X2.1	Y1.1	9.9	0.26
X2.1	Y2.1	10.5	-0.10
X2.2	X1.1	17.2	0.16
X2.2	X2.1	15.8	-0.15

X2.3	Y3.2	9.8	-0.10
X2.3	X2.1	19.8	0.16

HASIL DATA RISET

Standardized Solution

LAMBDA-Y

	Y1	Y2	Y3
Y1.1	0.77	- -	- -
Y1.2	0.59	- -	- -
Y1.3	0.26	- -	- -
Y1.4	0.20	- -	- -
Y2.1	- -	0.49	- -
Y2.2	- -	0.48	- -
Y2.3	- -	0.79	- -
Y3.1	- -	- -	0.71
Y3.2	- -	- -	0.76
Y3.3	- -	- -	0.77

LAMBDA-X

	X1	X2
X1.1	0.72	- -
X1.2	0.72	- -
X1.3	0.78	- -
X2.1	- -	0.66
X2.2	- -	0.70
X2.3	- -	0.66

BETA

	Y1	Y2	Y3
Y1	- -	- -	- -
Y2	- -	- -	- -
Y3	-0.08	1.01	- -

GAMMA

	X1	X2
Y1	-0.08	1.04
Y2	0.22	0.27
Y3	- -	- -

Correlation Matrix of ETA and KSI

	Y1	Y2	Y3	X1	X2
Y1	1.00				
Y2	0.34	1.00			
Y3	0.25	0.98	1.00		
X1	0.30	0.32	0.30	1.00	
X2	1.01	0.35	0.26	0.37	1.00

PSI
Note: This matrix is diagonal.

Y1	Y2	Y3
-0.03	0.84	0.04

Regression Matrix ETA on KSI (Standardized)

	X1	X2
Y1	-0.08	1.04
Y2	0.22	0.27
Y3	0.23	0.18

HASIL DATA RISET

Completely Standardized Solution

LAMBDA-Y

	Y1	Y2	Y3
Y1.1	0.80	- -	- -
Y1.2	0.70	- -	- -
Y1.3	0.31	- -	- -
Y1.4	0.23	- -	- -
Y2.1	- -	0.55	- -
Y2.2	- -	0.53	- -
Y2.3	- -	0.85	- -
Y3.1	- -	- -	0.74
Y3.2	- -	- -	0.76
Y3.3	- -	- -	0.82

LAMBDA-X

	X1	X2
X1.1	0.71	- -
X1.2	0.77	- -
X1.3	0.84	- -
X2.1	- -	0.78
X2.2	- -	0.75
X2.3	- -	0.73

BETA

	Y1	Y2	Y3
Y1	- -	- -	- -
Y2	- -	- -	- -
Y3	-0.08	1.01	- -

GAMMA

	X1	X2
Y1	-0.08	1.04
Y2	0.22	0.27

Y3	- -	- -

Correlation Matrix of ETA and KSI

	Y1	Y2	Y3	X1	X2
Y1	1.00				
Y2	0.34	1.00			
Y3	0.25	0.98	1.00		
X1	0.30	0.32	0.30	1.00	
X2	1.01	0.35	0.26	0.37	1.00

PSI
Note: This matrix is diagonal.

Y1	Y2	Y3
-0.03	0.84	0.04

THETA-EPS

Y1.1	Y1.2	Y1.3	Y1.4	Y2.1	Y2.2
0.36	0.51	0.91	0.95	0.70	0.72

THETA-EPS

Y2.3	Y3.1	Y3.2	Y3.3
0.27	0.45	0.42	0.33

THETA-DELTA

X1.1	X1.2	X1.3	X2.1	X2.2	X2.3
0.50	0.40	0.29	0.39	0.44	0.47

Regression Matrix ETA on KSI (Standardized)

	X1	X2
Y1	-0.08	1.04
Y2	0.22	0.27
Y3	0.23	0.18

HASIL DATA RISET

Total and Indirect Effects

Total Effects of KSI on ETA

X1	X2

Y1	-0.09	1.22
	(0.07)	(0.11)
	-1.30	11.42
Y2	0.15	0.20
	(0.07)	(0.08)
	2.17	2.41
Y3	0.23	0.19
	(0.10)	(0.11)
	2.27	1.78

Indirect Effects of KSI on ETA

	X1	X2
Y1	- -	- -
Y2	- -	- -
Y3	0.23	0.19
	(0.10)	(0.11)
	2.27	1.78

Total Effects of ETA on ETA

	Y1	Y2	Y3
Y1	- -	- -	- -
Y2	- -	- -	- -
Y3	-0.08	1.45	- -
	(0.05)	(0.19)	
	-1.48	7.52	

Largest Eigenvalue of B*B' (Stability Index) is 2.107

Total Effects of ETA on Y

	Y1	Y2	Y3
Y1.1	1.00	- -	- -
Y1.2	0.77	- -	- -
	(0.06)		
	12.43		
Y1.3	0.33	- -	- -
	(0.09)		
	3.78		
Y1.4	0.26	- -	- -

	(0.09)		
	2.76		
Y2.1	- -	1.00	- -
Y2.2	- -	0.97	- -
		(0.10)	
		9.45	
Y2.3	- -	1.59	- -
		(0.22)	
		7.38	
Y3.1	-0.08	1.45	1.00
	(0.05)	(0.19)	
	-1.48	7.52	
Y3.2	-0.08	1.54	1.06
	(0.06)	(0.20)	(0.10)
	-1.45	7.54	10.91
Y3.3	-0.08	1.57	1.08
	(0.06)	(0.21)	(0.10)
	-1.47	7.36	10.47

Indirect Effects of ETA on Y

	Y1	Y2	Y3
Y1.1	- -	- -	- -
Y1.2	- -	- -	- -
Y1.3	- -	- -	- -
Y1.4	- -	- -	- -
Y2.1	- -	- -	- -
Y2.2	- -	- -	- -
Y2.3	- -	- -	- -
Y3.1	-0.08	1.45	- -
	(0.05)	(0.19)	
	-1.48	7.52	
Y3.2	-0.08	1.54	- -
	(0.06)	(0.20)	
	-1.45	7.54	
Y3.3	-0.08	1.57	- -
	(0.06)	(0.21)	
	-1.47	7.36	

Total Effects of KSI on Y

	X1	X2
Y1.1	-0.09	1.22
	(0.07)	(0.11)
	-1.30	11.42
Y1.2	-0.07	0.94
	(0.05)	(0.08)
	-1.32	11.24
Y1.3	-0.03	0.41
	(0.02)	(0.11)
	-1.29	3.73
Y1.4	-0.02	0.32
	(0.02)	(0.11)
	-1.31	2.77
Y2.1	0.15	0.20
	(0.07)	(0.08)
	2.17	2.41
Y2.2	0.15	0.19
	(0.07)	(0.08)
	2.18	2.38
Y2.3	0.25	0.32
	(0.11)	(0.12)
	2.24	2.63
Y3.1	0.23	0.19
	(0.10)	(0.11)
	2.27	1.78
Y3.2	0.24	0.21
	(0.11)	(0.12)
	2.29	1.79
Y3.3	0.25	0.21
	(0.11)	(0.12)
	2.33	1.82

HASIL DATA RISET

Standardized Total and Indirect Effects

Standardized Total Effects of KSI on ETA

	X1	X2
Y1	-0.08	1.04
Y2	0.22	0.27

Y3	0.23	0.18

Standardized Indirect Effects of KSI on ETA

	X1	X2
Y1	- -	- -
Y2	- -	- -
Y3	0.23	0.18

Standardized Total Effects of ETA on ETA

	Y1	Y2	Y3
Y1	- -	- -	- -
Y2	- -	- -	- -
Y3	-0.08	1.01	- -

Standardized Total Effects of ETA on Y

	Y1	Y2	Y3
Y1.1	0.77	- -	- -
Y1.2	0.59	- -	- -
Y1.3	0.26	- -	- -
Y1.4	0.20	- -	- -
Y2.1	- -	0.49	- -
Y2.2	- -	0.48	- -
Y2.3	- -	0.79	- -
Y3.1	-0.06	0.72	0.71
Y3.2	-0.06	0.76	0.76
Y3.3	-0.06	0.78	0.77

Completely Standardized Total Effects of ETA on Y

	Y1	Y2	Y3
Y1.1	0.80	- -	- -
Y1.2	0.70	- -	- -
Y1.3	0.31	- -	- -
Y1.4	0.23	- -	- -
Y2.1	- -	0.55	- -
Y2.2	- -	0.53	- -
Y2.3	- -	0.85	- -
Y3.1	-0.06	0.74	0.74
Y3.2	-0.06	0.77	0.76
Y3.3	-0.07	0.82	0.82

Standardized Indirect Effects of ETA on Y

	Y1	Y2	Y3
Y1.1	- -	- -	- -
Y1.2	- -	- -	- -
Y1.3	- -	- -	- -
Y1.4	- -	- -	- -
Y2.1	- -	- -	- -
Y2.2	- -	- -	- -
Y2.3	- -	- -	- -

Y3.1	-0.06	0.72	- -
Y3.2	-0.06	0.76	- -
Y3.3	-0.06	0.78	- -

Completely Standardized Indirect Effects of ETA on Y

	Y1	Y2	Y3
Y1.1	- -	- -	- -
Y1.2	- -	- -	- -
Y1.3	- -	- -	- -
Y1.4	- -	- -	- -
Y2.1	- -	- -	- -
Y2.2	- -	- -	- -
Y2.3	- -	- -	- -
Y3.1	-0.06	0.74	- -
Y3.2	-0.06	0.77	- -
Y3.3	-0.07	0.82	- -

Standardized Total Effects of KSI on Y

	X1	X2
Y1.1	-0.06	0.80
Y1.2	-0.05	0.62
Y1.3	-0.02	0.27
Y1.4	-0.02	0.21
Y2.1	0.11	0.13
Y2.2	0.11	0.13
Y2.3	0.18	0.21
Y3.1	0.17	0.13
Y3.2	0.18	0.14
Y3.3	0.18	0.14

Completely Standardized Total Effects of KSI on Y

	X1	X2
Y1.1	-0.06	0.83
Y1.2	-0.06	0.73
Y1.3	-0.02	0.32
Y1.4	-0.02	0.24
Y2.1	0.12	0.15
Y2.2	0.12	0.14
Y2.3	0.19	0.23
Y3.1	0.17	0.13
Y3.2	0.18	0.14
Y3.3	0.19	0.15

Time used: 0.172 Seconds

DATE: 12/01/2014
TIME: 09:52

P R E L I S 2.70

BY

Karl G. Jöreskog & Dag Sörbom

This program is published exclusively by
Scientific Software International, Inc.
7383 N. Lincoln Avenue, Suite 100
Lincolnwood, IL 60712, U.S.A.
Phone: (800)247-6113, (847)675-0720, Fax: (847)675-2140

The following lines were read from file D:\ANDRE\DATA.PR2:

```
!PRELIS SYNTAX: Can be edited
SY='D:\ANDRE\DATA.PSF'
NS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
OU MA=CM SM=D:\ANDRE\DATA.COV AC=D:\ANDRE\DATA.ACM XT
```

Total Sample Size = 200

Univariate Summary Statistics for Continuous Variables

Variable	Mean	St. Dev.	T-Value	Skewness	Kurtosis	Minimum	Freq.	Maximum	Freq.
X1.1	3.380	1.015	47.082	-0.097	-0.373	1.032	7	5.071	28
X1.2	3.250	0.928	49.510	-0.074	-0.144	1.141	8	5.160	13
X1.3	3.295	0.934	49.892	-0.082	-0.165	1.122	7	5.153	15
X2.1	3.725	0.844	62.390	-0.101	-0.508	1.992	14	5.029	37
X2.2	3.490	0.940	52.485	-0.109	-0.244	1.238	6	5.106	26
X2.3	3.770	0.906	58.834	-0.153	-0.690	2.024	18	5.047	46
Y1.1	3.760	0.963	55.227	-0.171	-0.844	2.003	22	5.042	52
Y1.2	3.830	0.851	63.625	-0.165	-0.576	2.017	12	5.035	46
Y1.3	3.550	0.831	60.397	-0.138	0.028	1.389	4	5.161	18

Y1.4	4.105	0.859	67.593	-0.384	-0.680	2.237	12	5.074	73	
Y2.1	3.670	0.897	57.843	-0.172	-0.178	1.356	4	5.140	31	
Y2.2	3.620	0.905	56.545	-0.138	-0.227	1.371	5	5.116	30	
Y2.3	3.685	0.922	56.524	-0.103	-0.699	2.028	23	5.059	40	
Y3.1	3.630	0.963	53.298	-0.162	-0.448	1.055	3	5.030	42	
Y3.2	3.725	0.992	53.098	-0.225	-0.560	0.923	2	5.074	49	
Y3.3	3.645	0.945	54.536	-0.078	-0.745	2.045	28	5.083	38	

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
X1.1	-0.572	0.567	-1.211	0.226	1.794	0.408
X1.2	-0.436	0.663	-0.316	0.752	0.290	0.865
X1.3	-0.485	0.628	-0.391	0.696	0.387	0.824
X2.1	-0.596	0.551	-1.862	0.063	3.820	0.148
X2.2	-0.642	0.521	-0.681	0.496	0.876	0.645
X2.3	-0.903	0.366	-2.957	0.003	9.562	0.008
Y1.1	-1.007	0.314	-4.181	0.000	18.495	0.000
Y1.2	-0.973	0.330	-2.242	0.025	5.974	0.050
Y1.3	-0.816	0.414	0.233	0.816	0.721	0.697
Y1.4	-2.208	0.027	-2.889	0.004	13.223	0.001
Y2.1	-1.015	0.310	-0.435	0.664	1.220	0.543
Y2.2	-0.813	0.416	-0.618	0.537	1.042	0.594
Y2.3	-0.611	0.541	-3.021	0.003	9.501	0.009
Y3.1	-0.953	0.341	-1.563	0.118	3.350	0.187
Y3.2	-1.317	0.188	-2.145	0.032	6.337	0.042
Y3.3	-0.460	0.645	-3.360	0.001	11.498	0.003

Relative Multivariate Kurtosis = 1.015

Test of Multivariate Normality for Continuous Variables

Skewness			Kurtosis			Skewness and Kurtosis	
Value	Z-Score	P-Value	Value	Z-Score	P-Value	Chi-Square	P-Value
33.962	7.004	0.000	292.360	1.992	0.046	53.017	0.000

Histograms for Continuous Variables

X1.1

Frequency	Percentage	Lower Class Limit	
7	3.5	1.032	□□□
0	0.0	1.436	
30	15.0	1.840	□□□□□□□□□□□□□□□□□□

0	0.0	2.244	
71	35.5	2.648	
[illegible]			
0	0.0	3.051	
0	0.0	3.455	
64	32.0	3.859	
[illegible]			
0	0.0	4.263	
28	14.0	4.667	[illegible]

X1.2

Frequency	Percentage	Lower Class Limit	
8	4.0	1.141	[illegible]
0	0.0	1.543	
30	15.0	1.945	[illegible]
0	0.0	2.347	
79	39.5	2.748	
[illegible]			
0	0.0	3.150	
0	0.0	3.552	
70	35.0	3.954	
[illegible]			
0	0.0	4.356	
13	6.5	4.758	[illegible]

X1.3

Frequency	Percentage	Lower Class Limit	
7	3.5	1.122	[illegible]
0	0.0	1.525	
30	15.0	1.928	[illegible]
0	0.0	2.331	
75	37.5	2.734	
[illegible]			
0	0.0	3.137	
0	0.0	3.540	
73	36.5	3.943	
[illegible]			
0	0.0	4.346	
15	7.5	4.750	[illegible]

X2.1

Frequency	Percentage	Lower Class Limit	
14	7.0	1.992	[illegible]
0	0.0	2.296	
0	0.0	2.599	
64	32.0	2.903	
[illegible]			
0	0.0	3.207	
0	0.0	3.510	
85	42.5	3.814	
[illegible]			
0	0.0	4.118	
0	0.0	4.421	
37	18.5	4.725	[illegible]

X2.2

Frequency	Percentage	Lower Class Limit	
6	3.0	1.238	[illegible]
0	0.0	1.625	

Frequency	Percentage	Lower Class Limit	
19	9.5	2.012	□□□□□□□□□
0	0.0	2.398	
72	36.0	2.785	
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□			
0	0.0	3.172	
0	0.0	3.559	
77	38.5	3.945	
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□			
0	0.0	4.332	
26	13.0	4.719	□□□□□□□□□□□□

X2.3

Frequency	Percentage	Lower Class Limit	
18	9.0	2.024	□□□□□□□□
0	0.0	2.327	
0	0.0	2.629	
56	28.0	2.931	□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.233	
0	0.0	3.536	
80	40.0	3.838	
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□			
0	0.0	4.140	
0	0.0	4.443	
46	23.0	4.745	□□□□□□□□□□□□□□□□□□□□□

Y1.1

Frequency	Percentage	Lower Class Limit	
22	11.0	2.003	□□□□□□□□□□□
0	0.0	2.307	
0	0.0	2.611	
56	28.0	2.915	
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□			
0	0.0	3.219	
0	0.0	3.523	
70	35.0	3.827	
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□			
0	0.0	4.131	
0	0.0	4.435	
52	26.0	4.739	
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□			

Y1.2

Frequency	Percentage	Lower Class Limit	
12	6.0	2.017	□□□□□
0	0.0	2.319	
0	0.0	2.621	
56	28.0	2.923	□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.225	
0	0.0	3.526	
86	43.0	3.828	
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□			
0	0.0	4.130	
0	0.0	4.432	
46	23.0	4.734	□□□□□□□□□□□□□□□□□□□□

Y1.3

Frequency	Percentage	Lower Class Limit	
4	2.0	1.389	□
14	7.0	1.766	□□□□□

0	0.0	2.143	
0	0.0	2.520	
68	34.0	2.898	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.275	
96	48.0	3.652	
□□			
0	0.0	4.029	
0	0.0	4.406	
18	9.0	4.784	□□□□□□□□

Y1.4

Frequency	Percentage	Lower Class Limit	
12	6.0	2.237	□□□□□□
0	0.0	2.521	
28	14.0	2.805	□□□□□□□□□□□□□□□
0	0.0	3.088	
0	0.0	3.372	
87	43.5	3.656	
□□			
0	0.0	3.939	
0	0.0	4.223	
0	0.0	4.506	
73	36.5	4.790	
□□			

Y2.1

Frequency	Percentage	Lower Class Limit	
4	2.0	1.356	□
0	0.0	1.734	
15	7.5	2.112	□□□□□□□
0	0.0	2.491	
55	27.5	2.869	□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.248	
95	47.5	3.626	
□□			
0	0.0	4.004	
0	0.0	4.383	
31	15.5	4.761	□□□□□□□□□□□□□□□

Y2.2

Frequency	Percentage	Lower Class Limit	
5	2.5	1.371	□□
13	6.5	1.745	□□□□□□
0	0.0	2.120	
0	0.0	2.494	
65	32.5	2.869	
□□□			
0	0.0	3.243	
87	43.5	3.618	
□□			
0	0.0	3.992	
0	0.0	4.367	
30	15.0	4.741	□□□□□□□□□□□□□□□

Y2.3

Frequency	Percentage	Lower Class Limit	
23	11.5	2.028	□□□□□□□□□□□
0	0.0	2.331	
0	0.0	2.634	

57	28.5	2.937	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.240	
0	0.0	3.544	
80	40.0	3.847	
□□			
0	0.0	4.150	
0	0.0	4.453	
40	20.0	4.756	□□□□□□□□□□□□□□□□□□□□□□

Y3.1

Frequency	Percentage	Lower Class Limit	
3	1.5	1.055	□
0	0.0	1.453	
18	9.0	1.850	□□□□□□□□□□
0	0.0	2.248	
71	35.5	2.645	
□□			
0	0.0	3.042	
0	0.0	3.440	
66	33.0	3.837	
□□			
0	0.0	4.235	
42	21.0	4.632	□□□□□□□□□□□□□□□□□□□□□□□□

Y3.2

Frequency	Percentage	Lower Class Limit	
2	1.0	0.923	□
0	0.0	1.338	
23	11.5	1.753	□□□□□□□□□□□□
0	0.0	2.168	
0	0.0	2.583	
52	26.0	2.998	□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.414	
74	37.0	3.829	
□□			
0	0.0	4.244	
49	24.5	4.659	□□□□□□□□□□□□□□□□□□□□□□□□□□□□

Y3.3

Frequency	Percentage	Lower Class Limit	
28	14.0	2.045	□□□□□□□□□□□□□□□□
0	0.0	2.349	
0	0.0	2.652	
53	26.5	2.956	□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.260	
0	0.0	3.564	
81	40.5	3.867	
□□			
0	0.0	4.171	
0	0.0	4.475	
38	19.0	4.779	□□□□□□□□□□□□□□□□□□□□

Covariance Matrix

	X1.1	X1.2	X1.3	X2.1	X2.2	X2.3

X1.1	1.031					
X1.2	0.520	0.862				
X1.3	0.556	0.567	0.872			
X2.1	0.132	0.073	0.183	0.713		
X2.2	0.403	0.212	0.271	0.404	0.884	
X2.3	0.132	0.101	0.194	0.502	0.466	0.821
Y1.1	0.240	0.101	0.181	0.531	0.549	0.499
Y1.2	0.168	0.062	0.154	0.404	0.436	0.388
Y1.3	0.044	0.100	0.089	0.113	0.201	0.114
Y1.4	0.070	0.102	0.136	0.085	0.186	0.051
Y2.1	0.102	0.114	0.116	0.060	0.255	0.047
Y2.2	0.107	0.110	0.122	0.124	0.212	0.003
Y2.3	0.125	0.166	0.158	0.159	0.229	0.054
Y3.1	0.185	0.193	0.217	0.135	0.232	0.068
Y3.2	0.238	0.240	0.162	0.130	0.239	-0.026
Y3.3	0.173	0.212	0.168	0.116	0.169	0.039

Covariance Matrix

	Y1.1	Y1.2	Y1.3	Y1.4	Y2.1	Y2.2
Y1.1	0.927					
Y1.2	0.447	0.725				
Y1.3	0.189	0.166	0.691			
Y1.4	0.154	0.078	0.380	0.738		
Y2.1	0.121	0.175	0.461	0.444	0.805	
Y2.2	0.147	0.137	0.510	0.446	0.524	0.820
Y2.3	0.143	0.103	0.317	0.336	0.363	0.345
Y3.1	0.091	0.050	0.324	0.339	0.317	0.328
Y3.2	0.177	0.132	0.270	0.328	0.336	0.376
Y3.3	0.069	0.107	0.235	0.245	0.329	0.272

Covariance Matrix

	Y2.3	Y3.1	Y3.2	Y3.3
Y2.3	0.850			
Y3.1	0.585	0.928		

Y3.2	0.562	0.521	0.984		
Y3.3	0.617	0.528	0.617	0.893	

Means

X1.1	X1.2	X1.3	X2.1	X2.2	X2.3
3.380	3.250	3.295	3.725	3.490	3.770

Means

Y1.1	Y1.2	Y1.3	Y1.4	Y2.1	Y2.2
3.760	3.830	3.550	4.105	3.670	3.620

Means

Y2.3	Y3.1	Y3.2	Y3.3
3.685	3.630	3.725	3.645

Standard Deviations

X1.1	X1.2	X1.3	X2.1	X2.2	X2.3
1.015	0.928	0.934	0.844	0.940	0.906

Standard Deviations

Y1.1	Y1.2	Y1.3	Y1.4	Y2.1	Y2.2
0.963	0.851	0.831	0.859	0.897	0.905

Standard Deviations

Y2.3	Y3.1	Y3.2	Y3.3
0.922	0.963	0.992	0.945

The Problem used 103048 Bytes (= 0.0% of available workspace)