

Lampiran 2 Hasil Kuisisioner

N o	X1 .1	X1 .2	X1 .3	X1 .4	X1 .5	X2 .1	X2 .3	X2 .4	X2 .5	X2 .6	X3 .1	X3 .2	X3 .3	X3 .4
1	4	4	3	2	2	2	5	4	4	3	4	3	3	4
2	4	4	3	2	3	2	5	3	2	2	2	4	4	3
3	3	3	1	2	1	2	3	3	2	3	2	4	3	4
4	4	4	3	4	4	3	3	1	2	1	2	3	4	4
5	3	3	4	3	3	3	3	3	4	4	3	3	3	3
6	4	4	5	3	4	3	5	4	3	3	3	4	3	4
7	3	3	3	4	4	4	3	5	3	4	3	3	3	3
8	4	4	4	5	5	5	5	3	4	4	4	4	5	4
9	3	4	3	2	3	2	3	4	5	5	5	4	3	3
10	3	4	5	4	4	4	4	3	2	3	2	4	5	4
11	4	3	5	4	4	4	3	5	4	4	4	3	2	2
12	3	4	3	2	2	3	2	2	4	4	4	4	3	3
13	4	5	3	2	1	3	3	2	2	2	2	4	4	4
14	3	3	4	5	4	1	1	2	2	1	2	4	4	3
15	3	4	4	3	3	3	4	3	5	4	5	3	4	4
16	3	3	5	4	4	4	3	3	3	3	3	4	3	3
17	5	5	5	4	4	5	4	3	4	4	4	4	4	3
18	4	3	5	3	4	3	4	4	4	4	3	3	4	3
19	3	4	5	3	4	4	5	5	3	4	4	4	4	5
20	4	3	3	2	2	3	3	2	3	4	3	5	4	5

21	3	4	3	1	1	5	4	4	2	2	2	3	2	4
22	4	5	4	3	3	5	4	4	1	1	2	4	3	4
23	3	3	4	3	4	3	2	2	3	3	3	3	3	5
24	3	4	4	4	3	3	1	2	3	4	3	5	4	4
25	3	3	1	1	2	4	4	5	4	3	5	4	4	4
26	5	5	3	3	4	4	3	3	1	2	1	5	5	4
27	4	4	3	4	3	5	4	4	3	4	3	4	4	5
28	4	3	4	5	5	5	4	3	4	3	5	4	4	4
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30	4	4	2	3	2	5	4	3	2	2	2	3	3	2
31	4	4	2	2	3	3	2	3	2	3	2	3	1	2
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33	3	4	3	3	5	4	3	3	4	4	3	4	4	3
34	3	4	4	5	3	2	2	4	3	3	3	3	5	3
35	4	5	4	4	3	2	2	5	3	4	3	4	3	4
36	2	2	5	5	1	2	2	3	4	4	4	3	4	5
37	2	2	1	2	3	4	3	4	5	5	5	4	3	2
38	3	3	3	3	4	3	3	3	2	3	2	2	5	4
39	4	4	3	3	5	3	3	5	4	4	4	3	5	4
40	3	3	5	4	3	4	4	5	4	4	4	4	3	2
41	4	4	3	3	4	5	5	3	2	2	2	3	3	2

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43	5	1	4	3	5	4	4	4	5	4	5	3	4	3
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45	2	2	3	3	3	2	2	5	4	4	4	2	5	4
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48	3	3	3	3	4	3	3	5	3	4	3	3	3	2
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53	4	4	2	3	3	2	2	4	4	3	5	5	1	1
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66	4	4	5	4	3	3	4	1	2	1	2	5	3	3
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89	4	4	3	4	4	4	3	2	2	2	4	3	1	1
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92	4	4	5	4	4	3	3	4	4	3	4	3	4	3
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96	5	3	4	3	3	2	4	5	5	5	2	3	5	5
97	3	3	4	3	3	2	3	2	3	2	3	2	4	3
98	4	4	4	4	4	3	5	4	4	4	4	4	3	2
99	3	3	4	3	3	3	5	4	4	4	5	4	2	3
100	5	5	4	4	4	4	3	2	2	2	4	4	4	4

Lampiran 2 Hasil Kuisisioner

No	X3.5	X3.6	X3.7	X3.8	X4.1	X4.2	X4.3	Y1.1	Y1.2	Y1.3	Y1.4
1	3	4	4	4	3	4	4	4	5	4	4
2	4	3	3	3	4	3	3	3	5	4	3
3	4	4	4	4	3	4	4	4	3	3	4
4	3	3	4	4	3	3	4	4	3	4	4
5	3	4	3	3	4	4	3	3	3	3	3
6	3	3	3	3	3	4	4	4	5	4	4
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9	4	3	4	4	4	5	3	3	2	2	3
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12	4	3	4	4	3	3	4	4	3	4	4
13	3	4	3	4	5	5	3	3	4	3	3
14	4	3	5	3	4	4	4	4	4	3	4
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18	2	4	4	4	4	4	3	4	3	3	4
19	4	5	5	4	4	4	3	4	3	3	5
20	4	3	5	5	4	5	4	3	4	4	3

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23	4	4	4	4	4	4	5	1	2	1	2
24	2	5	5	4	5	4	3	3	4	4	3
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27	5	2	5	4	5	4	4	3	4	4	4
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29	2	2	4	5	5	5	4	3	2	3	2
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31	1	2	2	4	2	4	3	5	4	4	4
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33	3	3	4	2	4	3	2	3	2	1	2
34	4	3	3	3	3	3	3	4	5	4	5
35	4	4	2	2	4	4	2	4	3	3	3
36	5	5	3	3	5	4	3	5	4	4	4
37	3	2	2	2	2	2	2	5	4	4	3
38	4	4	3	3	4	4	3	5	3	4	4
39	4	4	3	3	5	3	3	5	3	4	3
40	2	2	3	3	4	4	3	3	2	2	2
41	1	2	3	3	4	5	3	3	1	1	2

42	4	5	3	3	3	2	3	4	3	3	3
43	3	3	1	1	2	3	1	4	3	4	3
44	4	4	4	4	3	4	4	4	4	3	5
45	4	3	2	2	2	3	2	1	1	2	1
46	4	4	3	3	2	3	3	3	3	4	3
47	4	3	2	2	3	4	2	3	4	3	5
48	2	2	3	3	2	3	3	4	5	5	4
49	1	2	1	1	2	2	1	3	4	3	4
50	3	3	3	3	2	2	3	2	3	2	3
51	4	3	2	2	3	3	2	2	2	3	2
52	3	5	3	3	4	4	3	3	4	4	4
53	2	1	3	3	2	2	3	3	3	5	4
54	4	3	4	4	3	4	4	4	5	4	4
55	3	5	3	3	2	3	3	4	4	4	5
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62	4	4	4	3	2	3	3	3	4	3	3

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64	3	4	3	4	1	4	4	4	4	4	4
65	1	2	4	3	3	5	3	3	3	3	3
66	4	5	3	4	2	4	4	4	4	4	4
67	4	2	3	3	3	3	3	3	4	3	3
68	4	3	4	3	3	2	3	3	3	3	3
69	2	2	3	4	4	3	4	4	3	4	4
70	2	3	3	4	3	1	4	4	4	4	4
71	2	3	3	4	4	3	4	4	3	4	4
72	3	3	2	2	2	2	3	3	3	3	3
73	3	3	2	3	2	3	3	3	4	3	3
74	3	1	2	1	2	3	4	4	3	4	4
75	4	3	4	4	3	4	1	1	1	1	1
76	5	4	3	3	3	3	4	4	4	4	4
77	2	5	3	4	3	4	4	3	4	1	3
78	4	3	4	4	4	2	4	4	4	4	4
79	4	4	5	5	5	3	2	2	1	1	2
80	2	3	2	3	2	4	2	2	2	2	2
81	2	5	4	4	4	3	2	2	2	2	2
82	5	5	4	4	4	4	4	4	3	3	4
83	3	3	2	2	2	2	3	3	3	3	3

84	4	3	2	1	2	5	4	4	4	4	4
85	3	4	5	4	5	3	3	3	3	3	3
86	4	4	3	3	3	3	4	4	3	3	4
87	3	5	4	4	4	2	2	2	2	2	2
88	2	5	4	4	3	3	3	3	3	3	3
89	2	5	3	4	4	4	3	3	4	4	3
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91	3	3	2	2	2	3	4	4	4	4	4
92	5	3	1	1	2	2	3	3	4	4	3
93	1	4	3	3	3	3	4	4	3	3	4
94	3	4	3	4	3	1	3	3	4	4	3
95	5	4	4	3	5	3	4	3	4	4	3
96	4	1	1	2	1	2	4	4	4	3	2
97	4	3	3	4	3	3	3	3	2	3	3
98	3	3	4	3	5	3	4	4	3	4	1
99	2	4	5	5	4	4	3	3	1	3	3
100	4	3	4	3	4	2	4	4	3	4	2

Lampiran 3 Karakteristik Responden

Jenis Kelamin	Jumlah Koresponden	Presentase
Perempuan	94	94
Laki-laki	6	6
Total	100	100

No.	Usia	Jumlah	Persentase (%)
1	20 – 29 Tahun.	57	57
2	30 – 39 Tahun.	21	21
3	40 – 49 Tahun.	17	17
4	Lebih dari 50 Tahun	5	5
Total		100	100

No.	Pendidikan Terakhir	Jumlah	Persentase (%)
1	SMU/SMK	18	18
2	DIPLOMA	5	5
3	S1	66	66
4	S2	9	9
5	S3	2	2
Total		100	100

No.	Pengeluaran Tiap Bulan	Jumlah	Persentase (%)
1	Kurang dari Rp. 2.000.000,00	10	10
2	Rp. 2.000.000,00 sampai kurang dari Rp. 5.000.000,00	48	48
3	Rp. 5.000.000,00 sampai kurang dari Rp. 10.000.000,00	34	34
3	Rp.10.000.000,00sampai kurang dari Rp. 15.000.000,00	6	6
4	Rp.15.000.000,00sampai kurang dari Rp. 20.000.000,00	2	2
5	Rp.20.000.000,00 ke atas	0	0
Total		100	100

No.	Profesi	Jumlah	Persentase (%)
1	Ibu rumah tangga	24	24
2	PNS	11	11
3	Pegawai Swasta	43	43
4	Mahasiswa/Mahasiswi	7	7
5	Wirausaha	15	15
Total		100	100

No.	Seberapa Sering ke Salon Johnny Andean	Jumlah	Persentase (%)
1	Pertama Kali	0	0
2	2x	5	5
3	Lebih dari 2x	95	95
Total		100	100

Lampiran 4 Statistik Deskriptif

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
X1.1	100	1	5	3,25	,821
X1.2	100	2	5	3,69	,907
X1.3	100	1	5	3,21	,832
X1.4	100	1	5	3,20	,899
X1.5	100	1	5	3,30	,847
X1TOTAL	100	6,00	22,00	16,6500	3,71014
X1	100	1,20	4,40	3,3300	,74203
X2.1	100	2	5	3,51	,927
X2.3	100	1	5	3,53	1,039
X2.4	100	1	5	3,44	1,057
X2.5	100	1	5	3,41	,933
X2.6	100	1	5	3,50	,969
X2TOTAL	100	7,00	25,00	17,3900	4,30854
X2	100	1,40	5,00	3,4780	,86171
X3.1	100	1	5	3,06	1,179
X3.2	100	1	5	3,08	1,261
X3.3	100	1	5	3,13	1,308
X3.4	100	1	5	3,06	1,293
X3.5	100	1	5	3,05	1,298
X3.6	100	1	5	2,96	1,286
X3.7	100	1	5	3,09	1,215
X3.8	100	1	5	3,02	1,247
X3TOTAL	100	10,00	36,00	24,4500	8,80699
X3	100	1,25	4,50	3,0563	1,10087
X4.1	100	2	5	3,92	,939
X4.2	100	1	5	3,50	,882
X4.3	100	1	5	3,51	,904
X4TOTAL	100	4,00	15,00	10,9300	2,45877
X4	100	1,33	5,00	3,6433	,81959

Y1.1	100	2	5	3,97	,822
Y1.2	100	2	5	3,96	,828
Y1.3	100	2	5	3,93	,879
Y1.4	100	2	5	3,90	,893
Y1TOTAL	100	8,00	20,00	15,7600	2,78930
Y1	100	2,00	5,00	3,9400	,69733
Valid N (listwise)	100				

Lampiran 5 Validitas

Indikator	Standardized Loading	Cut Off	Keterangan
Kualitas Layanan			
X1.1	0,88	> 0,7	Valid
X1.2	0,74	> 0,7	Valid
X1.3	0,77	> 0,7	Valid
X1.4	0,81	> 0,7	Valid
X1.5	0,82	> 0,7	Valid
Citra Merek			
X2.1	1,03	> 0,7	Valid
X2.3	0,85	> 0,7	Valid
X2.4	0,77	> 0,7	Valid
X2.5	0,79	> 0,7	Valid
X2.6	0,96	> 0,7	Valid
Atmosfer			
X3.1	0,87	> 0,7	Valid
X3.2	0,83	> 0,7	Valid
X3.3	0,83	> 0,7	Valid
X3.4	0,78	> 0,7	Valid
X3.5	0,78	> 0,7	Valid
X3.6	0,84	> 0,7	Valid
X3.7	0,88	> 0,7	Valid
X3.8	0,80	> 0,7	Valid
Kepuasan Konsumen			
X4.1	0,76	> 0,7	Valid
X4.2	0,96	> 0,7	Valid
X4.3	0,93	> 0,7	Valid
Loyalitas Konsumen			
Y1.1	0,93	> 0,7	Valid
Y1.2	0,83	> 0,7	Valid
Y1.3	0,71	> 0,7	Valid
Y1.4	0,79	> 0,7	Valid

Lampiran 6 Reliabilitas

Indikator	λ	λ^2	e_i	$\Sigma\lambda$	$(\Sigma\lambda)^2$	$\Sigma(\lambda^2)$	Σe_i	CR	VE
Kualitas Layanan				4,02	16,16	3,27	1,83	0,94	0,64
X1.1	0,88	0,77	0,33						
X1.2	0,74	0,58	0,42						
X1.3	0,77	0,59	0,41						
X1.4	0,81	0,66	0,34						
X1.5	0,82	0,67	0,33						
Citra Merek				4,4	19,36	3,91	2,03	0,83	0,65
X2.1	1,03	1,06	0,06						
X2.3	0,85	0,72	0,38						
X2.4	0,77	0,59	0,41						
X2.5	0,79	0,62	0,38						
X2.6	0,96	0,92	0,8						
Atmosfer				6,61	43,69	5,58	2,42	0,94	0,69
X3.1	0,87	0,76	0,24						
X3.2	0,83	0,68	0,32						
X3.3	0,83	0,68	0,32						
X3.4	0,78	0,61	0,39						
X3.5	0,78	0,61	0,39						
X3.6	0,84	0,70	0,30						
X3.7	0,88	0,77	0,23						
X3.8	0,80	0,77	0,23						
Kepuasan Konsumen				2,65	7,02	2,36	1,36	0,84	0,63
X4.1	0,76	0,58	0,42						
X4.2	0,96	0,92	0,8						
X4.3	0,93	0,86	0,14						
Loyalitas Konsumen				3,26	10,63	2,67	1,33	0,88	0,66
Y1.1	0,93	0,86	0,14						
Y1.2	0,83	0,69	0,31						
Y1.3	0,71	0,50	0,50						
Y1.4	0,79	0,62	0,38						

Lampiran 7 Normalitas

DATE: 01/24/2015

TIME: 06:17

P R E L I S 2.70

BY

Karl G. Jöreskog & Dag Sörbom

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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 SM=C:\Users\User\Desktop\SKRIPSI\SEM27\DATA1.COV

AC=C:\Users\User\Desktop\SKRIPSI\SEM27\DATA1.ACM XT

Total Sample Size = 100

Univariate Summary Statistics for Continuous Variables

Variable	Mean	St. Dev.	T-Value	Skewness	Kurtosis	Minimum	Freq.	Maximum	Freq.
X1.1	3.250	0.821	39.580	-0.291	-0.109	1.321	4	5.636	1
X1.2	3.690	0.907	40.697	-0.103	-0.626	2.042	11	5.067	19
X1.3	3.210	0.832	38.565	-0.267	-0.141	1.266	4	5.615	1
X1.4	3.200	0.899	35.598	-0.051	-0.011	1.235	5	5.165	5
X1.5	3.300	0.847	38.967	-0.193	0.010	1.238	3	5.362	3
X2.1	3.510	0.927	37.883	-0.005	-0.676	1.984	15	5.036	15
X2.3	3.530	1.039	33.969	-0.125	-0.591	0.617	1	5.060	20
X2.4	3.440	1.057	32.540	-0.130	-0.519	0.753	2	4.994	20
X2.5	3.410	0.933	36.546	-0.052	-0.311	0.793	1	5.008	13
X2.6	3.500	0.969	36.111	-0.098	-0.399	0.783	1	5.084	15
X3.1	3.060	1.179	25.952	-0.044	-0.477	1.085	14	5.527	6
X3.2	3.080	1.261	24.430	0.013	-0.665	1.112	17	5.400	10
X3.3	3.130	1.308	23.934	-0.003	-0.746	1.089	17	5.362	13
X3.4	3.060	1.293	23.657	0.005	-0.752	1.008	16	5.256	13
X3.5	3.050	1.298	23.501	0.024	-0.638	1.120	20	5.612	8

X3.6	2.960	1.286	23.009	0.052	-0.709	1.034	19	5.394	9
X3.7	3.090	1.215	25.428	-0.030	-0.544	0.974	12	5.317	10
X3.8	3.020	1.247	24.217	-0.003	-0.575	1.061	17	5.545	7
X4.1	3.920	0.939	41.730	-0.276	-0.806	2.099	9	5.068	31
X4.2	3.500	0.882	39.686	-0.103	-0.062	1.373	3	5.146	10
X4.3	3.510	0.904	38.807	-0.117	-0.109	1.336	3	5.148	11
Y1.1	3.970	0.822	48.291	-0.232	-0.636	1.955	3	5.019	29
Y1.2	3.960	0.828	47.838	-0.225	-0.654	1.931	3	5.016	29
Y1.3	3.930	0.879	44.704	-0.255	-0.676	2.056	6	5.044	29
Y1.4	3.900	0.893	43.659	-0.241	-0.716	1.997	6	5.031	29

Test of Univariate Normality for Continuous Variables

Variable	Skewness		Kurtosis		Skewness and Kurtosis	
	Z-Score	P-Value	Z-Score	P-Value	Chi-Square	P-Value
X1.1	-1.226	0.220	-0.065	0.948	1.506	0.471
X1.2	-0.441	0.659	-1.701	0.089	3.087	0.214
X1.3	-1.126	0.260	-0.143	0.887	1.287	0.525
X1.4	-0.216	0.829	0.161	0.872	0.073	0.964
X1.5	-0.820	0.412	0.208	0.835	0.716	0.699
X2.1	-0.022	0.982	-1.918	0.055	3.679	0.159
X2.3	-0.531	0.595	-1.558	0.119	2.710	0.258
X2.4	-0.553	0.580	-1.280	0.200	1.945	0.378
X2.5	-0.223	0.824	-0.603	0.547	0.413	0.814
X2.6	-0.420	0.674	-0.872	0.383	0.937	0.626
X3.1	-0.187	0.852	-1.133	0.257	1.318	0.517
X3.2	0.058	0.954	-1.870	0.061	3.501	0.174
X3.3	-0.013	0.989	-2.245	0.025	5.041	0.080
X3.4	0.020	0.984	-2.276	0.023	5.180	0.075
X3.5	0.101	0.919	-1.751	0.080	3.077	0.215
X3.6	0.223	0.824	-2.069	0.039	4.329	0.115
X3.7	-0.128	0.898	-1.374	0.169	1.904	0.386
X3.8	-0.015	0.988	-1.493	0.135	2.229	0.328
X4.1	-1.164	0.244	-2.557	0.011	7.893	0.019
X4.2	-0.442	0.658	0.046	0.963	0.197	0.906
X4.3	-0.500	0.617	-0.065	0.948	0.255	0.880
Y1.1	-0.982	0.326	-1.741	0.082	3.997	0.136
Y1.2	-0.954	0.340	-1.822	0.068	4.229	0.121
Y1.3	-1.079	0.281	-1.919	0.055	4.846	0.089
Y1.4	-1.020	0.308	-2.104	0.035	5.467	0.065

Relative Multivariate Kurtosis = 1.008

Test of Multivariate Normality for Continuous Variables

Variable	Skewness		Kurtosis		Skewness and Kurtosis	
	Value	Z-Score P-Value	Value	Z-Score P-Value	Chi-Square	P-Value
	189.767	3.037 0.002	680.245	2.279 0.023	14.417	0.001

46	46.0	2.807	.....
0	0.0	3.200	
0	0.0	3.593	
32	32.0	3.986	.....
0	0.0	4.379	
5	5.0	4.772	.....

X1.5

Frequency Percentage Lower Class Limit

3	3.0	1.238	..
0	0.0	1.650	
13	13.0	2.063	.....
0	0.0	2.475	
38	38.0	2.888	.....
0	0.0	3.300	
43	43.0	3.712	.....
0	0.0	4.125	
0	0.0	4.537	
3	3.0	4.950	..

X2.1

Frequency Percentage Lower Class Limit

15	15.0	1.984	.....
0	0.0	2.289	
0	0.0	2.594	
34	34.0	2.900	.....
0	0.0	3.205	
0	0.0	3.510	
36	36.0	3.815	.....
0	0.0	4.120	
0	0.0	4.426	
15	15.0	4.731	.....

X2.3

Frequency Percentage Lower Class Limit

1	1.0	0.617	.
0	0.0	1.061	
0	0.0	1.505	
18	18.0	1.950	.....
0	0.0	2.394	
28	28.0	2.838	.....
0	0.0	3.283	
33	33.0	3.727	.....
0	0.0	4.171	
20	20.0	4.616	.....

X2.4

Frequency Percentage Lower Class Limit

2	2.0	0.753	..
0	0.0	1.177	

17	17.0	1.601	.....
0	0.0	2.025	
0	0.0	2.449	
36	36.0	2.873	
.....			
0	0.0	3.297	
25	25.0	3.721	.....
0	0.0	4.146	
20	20.0	4.570	.....

X2.5

Frequency Percentage Lower Class Limit

1	1.0	0.793	
0	0.0	1.214	
15	15.0	1.636	.....
0	0.0	2.057	
0	0.0	2.479	
39	39.0	2.900	
.....			
0	0.0	3.322	
32	32.0	3.743	.....
0	0.0	4.165	
13	13.0	4.586	.....

X2.6

Frequency Percentage Lower Class Limit

1	1.0	0.783	•
0	0.0	1.213	
16	16.0	1.643	.....
0	0.0	2.074	
0	0.0	2.504	
30	30.0	2.934	.....
0	0.0	3.364	
38	38.0	3.794	
.....			
0	0.0	4.224	
15	15.0	4.654	.....

X3.1

Frequency Percentage Lower Class Limit

14	14.0	1.085	.....
0	0.0	1.529	
18	18.0	1.973	.....
22	22.0	2.417	.....
0	0.0	2.862	
0	0.0	3.306	
40	40.0	3.750	
.....			
0	0.0	4.194	
0	0.0	4.638	
6	6.0	5.083	.....

X3.2

Frequency	Percentage	Lower Class Limit	
17	17.0	1.112	.....
0	0.0	1.541	
14	14.0	1.970	.....
23	23.0	2.399	.....
0	0.0	2.827	
0	0.0	3.256	
36	36.0	3.685	
.....			
0	0.0	4.114	
0	0.0	4.542	
10	10.0	4.971	.....

X3.3

Frequency	Percentage	Lower Class Limit	
17	17.0	1.089	.....
0	0.0	1.516	
15	15.0	1.943	.....
0	0.0	2.370	
19	19.0	2.798	.....
0	0.0	3.225	
36	36.0	3.652	
.....			
0	0.0	4.080	
0	0.0	4.507	
13	13.0	4.934	.....

X3.4

Frequency	Percentage	Lower Class Limit	
16	16.0	1.008	.....
0	0.0	1.433	
19	19.0	1.858	.....
0	0.0	2.282	
21	21.0	2.707	.....
0	0.0	3.132	
31	31.0	3.557	.....
0	0.0	3.981	
0	0.0	4.406	
13	13.0	4.831	.....

X3.5

Frequency	Percentage	Lower Class Limit	
20	20.0	1.120	.....
0	0.0	1.569	
13	13.0	2.018	.....
17	17.0	2.468	.....
0	0.0	2.917	
0	0.0	3.366	
42	42.0	3.815	
.....			
0	0.0	4.264	
0	0.0	4.714	
8	8.0	5.163	.....

X3.6

Frequency	Percentage	Lower Class Limit	
19	19.0	1.034	.....
0	0.0	1.470	
18	18.0	1.906	.....
0	0.0	2.342	
20	20.0	2.778	.....
0	0.0	3.214	
34	34.0	3.650	.....
0	0.0	4.086	
0	0.0	4.522	
9	9.0	4.958	.....

X3.7

Frequency	Percentage	Lower Class Limit	
12	12.0	0.974	.....
0	0.0	1.409	
23	23.0	1.843	.....
0	0.0	2.277	
19	19.0	2.712	.....
0	0.0	3.146	
36	36.0	3.580	.....
0	0.0	4.014	
0	0.0	4.449	
10	10.0	4.883	.....

X3.8

Frequency	Percentage	Lower Class Limit	
17	17.0	1.061	.....
0	0.0	1.509	
18	18.0	1.957	.....
18	18.0	2.406	.....
0	0.0	2.854	
0	0.0	3.303	
40	40.0	3.751	.....
0	0.0	4.200	
0	0.0	4.648	
7	7.0	5.096	.....

X4.1

Frequency	Percentage	Lower Class Limit	
9	9.0	2.099	.....
0	0.0	2.396	
0	0.0	2.693	
21	21.0	2.990	.....
0	0.0	3.287	
0	0.0	3.584	
39	39.0	3.881	.....
0	0.0	4.178	

0	0.0	4.475	
31	31.0	4.771	.....

X4.2

Frequency Percentage Lower Class Limit

3	3.0	1.373	••
7	7.0	1.751	•••••
0	0.0	2.128	
0	0.0	2.505	
37	37.0	2.882	.....
0	0.0	3.259	
43	43.0	3.637	.....
.....			
0	0.0	4.014	
0	0.0	4.391	
10	10.0	4.768	•••••

X4.3

Frequency Percentage Lower Class Limit

3	3.0	1.336	••
8	8.0	1.718	•••••
0	0.0	2.099	
0	0.0	2.480	
35	35.0	2.861	.....
0	0.0	3.242	
43	43.0	3.623	.....
.....			
0	0.0	4.005	
0	0.0	4.386	
11	11.0	4.767	•••••

Y1.1

Frequency Percentage Lower Class Limit

3	3.0	1.955	••
0	0.0	2.261	
0	0.0	2.568	
26	26.0	2.874	.....
0	0.0	3.180	
0	0.0	3.487	
42	42.0	3.793	.....
.....			
0	0.0	4.100	
0	0.0	4.406	
29	29.0	4.712	.....

Y1.2

Frequency Percentage Lower Class Limit

3	3.0	1.931	••
0	0.0	2.240	
0	0.0	2.548	
27	27.0	2.857	.....
0	0.0	3.165	
0	0.0	3.474	

41	41.0	3.782	.....
0	0.0	4.090	
0	0.0	4.399	
29	29.0	4.707	.....

Y1.3

Frequency Percentage Lower Class Limit			
6	6.0	2.056	.....
0	0.0	2.354	
0	0.0	2.653	
24	24.0	2.952	.....
0	0.0	3.251	
0	0.0	3.550	
41	41.0	3.849	.....
0	0.0	4.148	
0	0.0	4.447	
29	29.0	4.746	.....

Y1.4

Frequency Percentage Lower Class Limit			
6	6.0	1.997	.....
0	0.0	2.301	
0	0.0	2.604	
27	27.0	2.908	.....
0	0.0	3.211	
0	0.0	3.514	
38	38.0	3.818	.....
0	0.0	4.121	
0	0.0	4.424	
29	29.0	4.728	.....

Covariance Matrix

	X1.1	X1.2	X1.3	X1.4	X1.5	X2.1
X1.1	0.674					
X1.2	0.463	0.822				
X1.3	0.422	0.431	0.693			
X1.4	0.526	0.463	0.533	0.808		
X1.5	0.496	0.522	0.443	0.471	0.717	
X2.1	0.296	0.376	0.300	0.343	0.354	0.858
X2.3	0.377	0.459	0.378	0.471	0.308	0.654
X2.4	0.341	0.445	0.386	0.425	0.304	0.496
X2.5	0.318	0.403	0.346	0.412	0.303	0.677
X2.6	0.389	0.447	0.316	0.407	0.375	0.799
X3.1	0.267	0.143	0.235	0.245	0.179	0.163
X3.2	0.181	0.030	0.042	0.206	0.006	0.048
X3.3	0.194	0.105	0.102	0.138	0.060	-0.009

X3.4	0.335	0.224	0.245	0.277	0.198	0.141
X3.5	0.149	0.023	0.055	0.260	-0.078	0.038
X3.6	0.274	0.169	0.219	0.207	0.159	0.087
X3.7	0.144	0.102	0.122	0.155	0.015	0.008
X3.8	0.129	0.152	0.118	0.173	0.114	0.011
X4.1	0.171	0.178	0.113	0.185	0.094	0.060
X4.2	0.149	0.210	0.170	0.192	0.073	-0.001
X4.3	0.139	0.211	0.138	0.170	0.063	-0.017
Y1.1	-0.022	-0.040	-0.014	0.007	0.031	-0.075
Y1.2	0.026	-0.003	0.021	0.019	0.052	-0.028
Y1.3	0.095	0.113	0.013	0.031	0.135	0.120
Y1.4	0.129	0.074	0.033	0.035	0.159	0.069

Covariance Matrix

	X2.3	X2.4	X2.5	X2.6	X3.1	X3.2
X2.3	1.080					
X2.4	0.899	1.118				
X2.5	0.740	0.573	0.871			
X2.6	0.793	0.613	0.618	0.939		
X3.1	0.147	0.127	0.090	0.233	1.390	
X3.2	0.027	0.019	0.076	0.132	1.059	1.589
X3.3	0.001	-0.057	-0.042	0.099	1.059	1.126
X3.4	0.124	0.095	0.205	0.207	0.954	1.076
X3.5	0.051	-0.006	0.090	0.115	0.969	1.184
X3.6	0.085	0.092	0.073	0.168	1.022	1.054
X3.7	0.061	0.035	0.032	0.083	0.968	1.087
X3.8	0.073	0.060	0.105	0.101	0.875	1.056
X4.1	0.129	0.086	0.090	0.145	0.033	0.047
X4.2	0.099	0.064	0.014	0.094	0.052	0.055
X4.3	0.103	0.067	-0.013	0.098	0.086	0.041
Y1.1	-0.007	-0.016	-0.077	-0.002	0.127	0.108
Y1.2	0.001	0.014	-0.071	0.046	0.157	0.137
Y1.3	0.091	0.059	0.067	0.176	0.160	0.113
Y1.4	0.048	0.062	0.006	0.138	0.246	0.168

Covariance Matrix

	X3.3	X3.4	X3.5	X3.6	X3.7	X3.8
X3.3	1.710					
X3.4	1.091	1.673				
X3.5	1.158	1.077	1.684			
X3.6	1.242	1.149	1.102	1.655		
X3.7	1.149	1.008	1.069	1.071	1.477	
X3.8	1.135	1.018	1.070	1.030	1.051	1.555
X4.1	0.110	0.098	0.027	0.142	0.077	0.052
X4.2	0.042	0.043	-0.010	0.058	-0.001	-0.057
X4.3	0.072	0.052	0.009	0.083	0.044	-0.003
Y1.1	0.124	0.101	0.072	0.159	0.095	0.162
Y1.2	0.136	0.060	0.046	0.179	0.068	0.142
Y1.3	0.149	-0.001	0.073	0.019	0.132	0.204

Y1.4 0.202 0.098 0.137 0.247 0.180 0.205

Covariance Matrix

	X4.1	X4.2	X4.3	Y1.1	Y1.2	Y1.3
X4.1	0.882					
X4.2	0.491	0.778				
X4.3	0.482	0.762	0.818			
Y1.1	-0.040	-0.103	-0.073	0.676		
Y1.2	-0.024	-0.071	-0.030	0.522	0.685	
Y1.3	0.099	-0.003	0.027	0.250	0.183	0.773
Y1.4	0.052	-0.032	-0.002	0.484	0.427	0.555

Covariance Matrix

Y1.4

Y1.4 0.798

Means

X1.1	X1.2	X1.3	X1.4	X1.5	X2.1
3.250	3.690	3.210	3.200	3.300	3.510

Means

X2.3	X2.4	X2.5	X2.6	X3.1	X3.2
3.530	3.440	3.410	3.500	3.060	3.080

Means

X3.3	X3.4	X3.5	X3.6	X3.7	X3.8
3.130	3.060	3.050	2.960	3.090	3.020

Means

X4.1	X4.2	X4.3	Y1.1	Y1.2	Y1.3
3.920	3.500	3.510	3.970	3.960	3.930

Means

Y1.4

3.900

Standard Deviations

X1.1	X1.2	X1.3	X1.4	X1.5	X2.1
0.821	0.907	0.832	0.899	0.847	0.927

Standard Deviations

X2.3	X2.4	X2.5	X2.6	X3.1	X3.2
1.039	1.057	0.933	0.969	1.179	1.261

Standard Deviations

X3.3	X3.4	X3.5	X3.6	X3.7	X3.8
1.308	1.293	1.298	1.286	1.215	1.247

Standard Deviations

X4.1	X4.2	X4.3	Y1.1	Y1.2	Y1.3
0.939	0.882	0.904	0.822	0.828	0.879

Standard Deviations

Y1.4
0.893

The Problem used 481944 Bytes (= 0.1% of available workspace)

Lampiran 8 SEM

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The following lines were read from file C:\Users\User\Desktop\SKRIPSI\SEM27\HASIL.spl:

SKRIPSI

OBSERVED VARIABLES X1.1 X1.2 X1.3 X1.4 X1.5 X2.1 X2.3 X2.4 X2.5 X2.6 X3.1 X3.2
X3.3 X3.4 X3.5 X3.6 X3.7 X3.8 X4.1 X4.2 X4.3 Y1.1 Y1.2 Y1.3 Y1.4

COVARIANCE MATRIX FROM FILE

C:\Users\User\Desktop\SKRIPSI\SEM27\DATA1.COV

ASYMPTOTIC COVARIANCE MATRIX FROM FILE

C:\Users\User\Desktop\SKRIPSI\SEM27\DATA1.ACM

LATENT VARIABLES X1 X2 X3 X4 Y1

SAMPLE SIZE 100

RELATIONSHIPS

X1.1=1 *X1

X1.2-X1.5=X1

X2.1=1 *X2

X2.3-X2.6=X2

X3.1=1 *X3

X3.2-X3.8=X3

X4.1=1 *X4

X4.2-X4.3=X4

Y1.1=1 *Y1

Y1.2-Y1.4=Y1

Y1 = X4

X4 = X1 X2 X3

OPTIONS: SC EF AD=OFF IT=OFF

PATH DIAGRAM

END OF PROGRAM

Sample Size = 100

SKRIPSI

Covariance Matrix

	X4.1	X4.2	X4.3	Y1.1	Y1.2	Y1.3
X4.1	0.88					
X4.2	0.49	0.78				
X4.3	0.48	0.76	0.82			
Y1.1	-0.04	-0.10	-0.07	0.78		
Y1.2	-0.02	-0.07	-0.03	0.52	0.79	
Y1.3	0.10	0.00	0.03	0.25	0.18	0.77
Y1.4	0.05	-0.03	0.00	0.48	0.43	0.56
X1.1	0.17	0.15	0.14	-0.02	0.03	0.09
X1.2	0.18	0.21	0.21	-0.04	0.00	0.11
X1.3	0.11	0.17	0.14	-0.01	0.02	0.01
X1.4	0.19	0.19	0.17	0.01	0.02	0.03
X1.5	0.09	0.07	0.06	0.03	0.05	0.13
X2.1	0.06	0.00	-0.02	-0.08	-0.03	0.12
X2.3	0.13	0.10	0.10	-0.01	0.00	0.09
X2.4	0.09	0.06	0.07	-0.02	0.01	0.06
X2.5	0.09	0.01	-0.01	-0.08	-0.07	0.07
X2.6	0.14	0.09	0.10	0.00	0.05	0.18
X3.1	0.03	0.05	0.09	0.13	0.16	0.16
X3.2	0.05	0.06	0.04	0.11	0.14	0.11
X3.3	0.11	0.04	0.07	0.12	0.14	0.15

X3.4	0.10	0.04	0.05	0.10	0.06	0.00
X3.5	0.03	-0.01	0.01	0.07	0.05	0.07
X3.6	0.14	0.06	0.08	0.16	0.18	0.02
X3.7	0.08	0.00	0.04	0.10	0.07	0.13
X3.8	0.05	-0.06	0.00	0.16	0.14	0.20

Covariance Matrix

	Y1.4	X1.1	X1.2	X1.3	X1.4	X1.5
Y1.4	0.80					
X1.1	0.13	0.77				
X1.2	0.07	0.46	0.82			
X1.3	0.03	0.42	0.43	0.79		
X1.4	0.03	0.53	0.46	0.53	0.81	
X1.5	0.16	0.50	0.52	0.44	0.47	0.72
X2.1	0.07	0.30	0.38	0.30	0.34	0.35
X2.3	0.05	0.38	0.46	0.38	0.47	0.31
X2.4	0.06	0.34	0.44	0.39	0.43	0.30
X2.5	0.01	0.32	0.40	0.35	0.41	0.30
X2.6	0.14	0.39	0.45	0.32	0.41	0.37
X3.1	0.25	0.27	0.14	0.24	0.24	0.18
X3.2	0.17	0.18	0.03	0.04	0.21	0.01
X3.3	0.20	0.19	0.10	0.10	0.14	0.06
X3.4	0.10	0.34	0.22	0.25	0.28	0.20
X3.5	0.14	0.15	0.02	0.05	0.26	-0.08
X3.6	0.25	0.27	0.17	0.22	0.21	0.16
X3.7	0.18	0.14	0.10	0.12	0.16	0.02
X3.8	0.21	0.13	0.15	0.12	0.17	0.11

Covariance Matrix

	X2.1	X2.3	X2.4	X2.5	X2.6	X3.1
X2.1	0.86					
X2.3	0.65	1.08				
X2.4	0.50	0.90	1.12			
X2.5	0.68	0.74	0.57	0.87		
X2.6	0.80	0.79	0.61	0.62	0.94	
X3.1	0.16	0.15	0.13	0.09	0.23	1.39
X3.2	0.05	0.03	0.02	0.08	0.13	1.06
X3.3	-0.01	0.00	-0.06	-0.04	0.10	1.06
X3.4	0.14	0.12	0.09	0.21	0.21	0.95
X3.5	0.04	0.05	-0.01	0.09	0.11	0.97
X3.6	0.09	0.08	0.09	0.07	0.17	1.02
X3.7	0.01	0.06	0.03	0.03	0.08	0.97
X3.8	0.01	0.07	0.06	0.10	0.10	0.87

Covariance Matrix

	X3.2	X3.3	X3.4	X3.5	X3.6	X3.7
X3.2	1.99					
X3.3	1.13	1.91				
X3.4	1.08	1.09	1.67			
X3.5	1.18	1.16	1.08	1.68		
X3.6	1.05	1.24	1.15	1.10	1.75	
X3.7	1.09	1.15	1.01	1.07	1.07	1.48
X3.8	1.06	1.14	1.02	1.07	1.03	1.05

Covariance Matrix

	X3.8
X3.8	1.56

SKRIPSI

Number of Iterations = 0

LISREL Estimates (Robust Maximum Likelihood)

Measurement Equations

X4.1 = 1.00*X4, Errorvar.= 0.50 , R ² = 0.43 (0.070) 7.14
X4.2 = 1.37*X4, Errorvar.= 0.063 , R ² = 0.92 (0.17) (0.030) 8.28 2.14
X4.3 = 1.36*X4, Errorvar.= 0.11 , R ² = 0.87 (0.16) (0.034) 8.71 3.21
Y1.1 = 1.00*Y1, Errorvar.= 0.099 , R ² = 0.87 (0.071) 1.40
Y1.2 = 0.88*Y1, Errorvar.= 0.24 , R ² = 0.79 (0.094) (0.072) 9.42 3.30
Y1.3 = 0.55*Y1, Errorvar.= 0.60 , R ² = 0.26 (0.100) (0.071) 5.54 8.34
Y1.4 = 0.90*Y1, Errorvar.= 0.33 , R ² = 0.63 (0.081) (0.075) 11.16 4.38
X1.1 = 1.00*X1, Errorvar.= 0.16 , R ² = 0.77 (0.11) 1.39
X1.2 = 0.93*X1, Errorvar.= 0.38 , R ² = 0.54 (0.17) (0.094) 5.60 4.00
X1.3 = 0.89*X1, Errorvar.= 0.29 , R ² = 0.59 (0.16) (0.098) 5.53 2.92

$$\begin{aligned}
X1.4 &= 1.02 * X1, \text{ Errorvar.} = 0.27, R^2 = 0.76 \\
&\quad (0.11) \quad (0.11) \\
&\quad 9.06 \quad 2.50 \\
X1.5 &= 0.96 * X1, \text{ Errorvar.} = 0.24, R^2 = 0.77 \\
&\quad (0.19) \quad (0.079) \\
&\quad 5.04 \quad 2.99 \\
X2.1 &= 1.00 * X2, \text{ Errorvar.} = -0.049, R^2 = 1.06 \\
&\quad (0.037) \\
&\quad -1.34
\end{aligned}$$

W_A_R_N_I_N_G : Error variance is negative.

$$\begin{aligned}
X2.3 &= 0.92 * X2, \text{ Errorvar.} = 0.31, R^2 = 0.71 \\
&\quad (0.097) \quad (0.12) \\
&\quad 9.53 \quad 2.55 \\
X2.4 &= 0.63 * X2, \text{ Errorvar.} = 0.76, R^2 = 0.32 \\
&\quad (0.13) \quad (0.20) \\
&\quad 4.99 \quad 3.87 \\
X2.5 &= 0.77 * X2, \text{ Errorvar.} = 0.33, R^2 = 0.72 \\
&\quad (0.13) \quad (0.16) \\
&\quad 6.03 \quad 2.10 \\
X2.6 &= 0.97 * X2, \text{ Errorvar.} = 0.078, R^2 = 0.92 \\
&\quad (0.061) \quad (0.043) \\
&\quad 16.09 \quad 1.83 \\
X3.1 &= 1.00 * X3, \text{ Errorvar.} = 0.34, R^2 = 0.76 \\
&\quad (0.078) \\
&\quad 4.27 \\
X3.2 &= 1.02 * X3, \text{ Errorvar.} = 0.50, R^2 = 0.69 \\
&\quad (0.098) \quad (0.072) \\
&\quad 10.44 \quad 6.88 \\
X3.3 &= 1.06 * X3, \text{ Errorvar.} = 0.52, R^2 = 0.69 \\
&\quad (0.11) \quad (0.071) \\
&\quad 9.93 \quad 7.41 \\
X3.4 &= 0.99 * X3, \text{ Errorvar.} = 0.65, R^2 = 0.61 \\
&\quad (0.11) \quad (0.077) \\
&\quad 9.30 \quad 8.44 \\
X3.5 &= 0.98 * X3, \text{ Errorvar.} = 0.67, R^2 = 0.60 \\
&\quad (0.11) \quad (0.090) \\
&\quad 9.03 \quad 7.47 \\
X3.6 &= 1.05 * X3, \text{ Errorvar.} = 0.49, R^2 = 0.70 \\
&\quad (0.099) \quad (0.082) \\
&\quad 10.61 \quad 5.99 \\
X3.7 &= 0.98 * X3, \text{ Errorvar.} = 0.46, R^2 = 0.69 \\
&\quad (0.092) \quad (0.068) \\
&\quad 10.69 \quad 6.75 \\
X3.8 &= 0.98 * X3, \text{ Errorvar.} = 0.55, R^2 = 0.65 \\
&\quad (0.11) \quad (0.089) \\
&\quad 8.97 \quad 6.15
\end{aligned}$$

Structural Equations

$$X4 = 0.31 * X1 - 0.086 * X2 - 0.0052 * X3, \text{ Errorvar.} = 0.35, R^2 = 0.088$$

(0.39)	(0.41)	(0.077)	(0.085)
0.80	-0.21	-0.078	4.10

Y1 = 0.35*X4, Errorvar.= 0.74 , R² = 0.067

(0.14)	(0.10)
2.40	6.17

Reduced Form Equations

X4 = 0.31*X1 - 0.086*X2 - 0.0052*X3, Errorvar.= 0.35, R² = 0.088

(0.39)	(0.41)	(0.077)
0.80	-0.21	-0.078

Y1 = 0.11*X1 - 0.030*X2 - 0.0018*X3, Errorvar.= 0.68, R² = 0.0059

(0.14)	(0.14)	(0.023)
0.79	-0.21	-0.078

Covariance Matrix of Independent Variables

	X1	X2	X3
X1	0.52 (0.14) 3.82		
X2	0.44 (0.11)	0.91 (0.11) 3.91	
X3	0.16 (0.08)	0.09 (0.28)	1.05 (0.15) 1.97
			7.11

Covariance Matrix of Latent Variables

	X4	Y1	X1	X2	X3
X4	0.38				
Y1	0.13	0.79			
X1	0.12	0.04	0.52		
X2	0.06	0.02	0.44	0.91	
X3	0.04	0.01	0.16	0.09	1.05

Goodness of Fit Statistics

Degrees of Freedom = 268
 Minimum Fit Function Chi-Square = 5817.42 (P = 0.0)
 Normal Theory Weighted Least Squares Chi-Square = 1637.58 (P = 0.0)
 Satorra-Bentler Scaled Chi-Square = 327.50 (P = 0.0076)
 Estimated Non-centrality Parameter (NCP) = 59.50
 90 Percent Confidence Interval for NCP = (17.80 ; 109.40)

Minimum Fit Function Value = 58.76
 Population Discrepancy Function Value (F0) = 0.60
 90 Percent Confidence Interval for F0 = (0.18 ; 1.11)
 Root Mean Square Error of Approximation (RMSEA) = 0.047

90 Percent Confidence Interval for RMSEA = (0.026 ; 0.064)
P-Value for Test of Close Fit (RMSEA < 0.05) = 0.59

Expected Cross-Validation Index (ECVI) = 4.46
90 Percent Confidence Interval for ECVI = (4.04 ; 4.96)
ECVI for Saturated Model = 6.57
ECVI for Independence Model = 34.05

Chi-Square for Independence Model with 300 Degrees of Freedom = 3321.06

Independence AIC = 3371.06
Model AIC = 441.50
Saturated AIC = 650.00
Independence CAIC = 3461.19
Model CAIC = 647.00
Saturated CAIC = 1821.68

Normed Fit Index (NFI) = 0.90
Non-Normed Fit Index (NNFI) = 0.98
Parsimony Normed Fit Index (PNFI) = 0.81
Comparative Fit Index (CFI) = 0.98
Incremental Fit Index (IFI) = 0.98
Relative Fit Index (RFI) = 0.89

Critical N (CN) = 99.18

Root Mean Square Residual (RMR) = 0.085
Standardized RMR = 0.088
Goodness of Fit Index (GFI) = 0.040
Adjusted Goodness of Fit Index (AGFI) = -0.16
Parsimony Goodness of Fit Index (PGFI) = 0.033

The Modification Indices Suggest to Add the

Path to	from	Decrease in Chi-Square	New Estimate
X1.3	X3	66.3	2.81
X3.1	X2	73.6	0.52
X3.8	X2	20.5	-0.30
X4	X4	29.3	-1.64
X4	Y1	44.4	-0.76
Y1	X2	21.0	-0.30

The Modification Indices Suggest to Add an Error Covariance

Between	and	Decrease in Chi-Square	New Estimate
Y1	X4	189.6	-2.33
Y1.3	Y1.1	24.3	-0.28
Y1.3	Y1.2	9.2	-0.15
Y1.4	Y1.3	60.3	0.42
X1.1	X4.2	28.8	-0.12
X1.5	X4.2	10.0	-0.07
X2.1	Y1.1	30.0	-0.02
X2.1	Y1.4	11.8	0.01
X2.3	Y1.1	29.9	0.08
X2.3	Y1.4	13.9	-0.07

X2.4	Y1.1	9.1	0.11
X2.5	Y1.1	21.1	0.08
X2.5	Y1.4	8.8	-0.07
X2.6	Y1.1	25.1	0.02
X2.6	Y1.4	9.2	-0.02
X3.1	X2.1	122.2	0.05
X3.1	X2.3	76.7	-0.21
X3.1	X2.4	21.9	-0.23
X3.1	X2.5	74.2	-0.24
X3.1	X2.6	105.5	-0.07
X3.2	X2.1	13.5	0.02
X3.2	X2.3	12.7	-0.09
X3.2	X2.6	11.4	-0.03
X3.5	X1.4	8.9	0.15
X3.5	X1.5	11.0	-0.15
X3.6	X2.1	10.5	0.02
X3.6	X2.3	8.3	-0.08
X3.6	X2.6	9.6	-0.02
X3.8	X2.1	38.2	-0.03
X3.8	X2.3	28.2	0.14
X3.8	X2.4	11.4	0.20
X3.8	X2.5	29.9	0.17
X3.8	X2.6	32.9	0.04

SKRIPSI

Standardized Solution

LAMBDA-Y

	X4	Y1
	-----	-----
X4.1	0.72	--
X4.2	0.85	--
X4.3	0.84	--
Y1.1	--	0.83
Y1.2	--	0.73
Y1.3	--	0.46
Y1.4	--	0.75

LAMBDA-X

	X1	X2	X3
	-----	-----	-----
X1.1	0.72	--	--
X1.2	0.77	--	--
X1.3	0.74	--	--
X1.4	0.73	--	--
X1.5	0.79	--	--
X2.1	--	0.95	--
X2.3	--	0.88	--
X2.4	--	0.70	--
X2.5	--	0.73	--

X2.6	--	0.93	--
X3.1	--	--	1.03
X3.2	--	--	1.05
X3.3	--	--	1.09
X3.4	--	--	1.01
X3.5	--	--	1.01
X3.6	--	--	1.08
X3.7	--	--	1.01
X3.8	--	--	1.00

BETA

	X4	Y1
	-----	-----
X4	--	--
Y1	0.26	--

GAMMA

	X1	X2	X3
	-----	-----	-----
X4	0.36	-0.13	-0.01
Y1	--	--	--

Correlation Matrix of ETA and KSI

	X4	Y1	X1	X2	X3
	-----	-----	-----	-----	-----
X4	1.00				
Y1	0.26	1.00			
X1	0.28	0.07	1.00		
X2	0.10	0.03	0.64	1.00	
X3	0.06	0.01	0.21	0.09	1.00

PSI

Note: This matrix is diagonal.

	X4	Y1
	-----	-----
	0.91	0.93

Regression Matrix ETA on KSI (Standardized)

	X1	X2	X3
	-----	-----	-----
X4	0.36	-0.13	-0.01
Y1	0.09	-0.03	0.00

SKRIPSI

Completely Standardized Solution

LAMBDA-Y

	X4	Y1
X4.1	0.76	--
X4.2	0.96	--
X4.3	0.93	--
Y1.1	--	0.93
Y1.2	--	0.83
Y1.3	--	0.51
Y1.4	--	0.79

LAMBDA-X

	X1	X2	X3
X1.1	0.88	--	--
X1.2	0.74	--	--
X1.3	0.77	--	--
X1.4	0.81	--	--
X1.5	0.82	--	--
X2.1	--	1.03	--
X2.3	--	0.85	--
X2.4	--	0.57	--
X2.5	--	0.79	--
X2.6	--	0.96	--
X3.1	--	--	0.87
X3.2	--	--	0.83
X3.3	--	--	0.83
X3.4	--	--	0.78
X3.5	--	--	0.78
X3.6	--	--	0.84
X3.7	--	--	0.83
X3.8	--	--	0.80

BETA

	X4	Y1
X4	--	--
Y1	0.26	--

GAMMA

	X1	X2	X3
X4	0.36	-0.13	-0.01
Y1	--	--	--

Correlation Matrix of ETA and KSI

	X4	Y1	X1	X2	X3
X4	1.00				

Y1	0.26	1.00			
X1	0.28	0.07	1.00		
X2	0.10	0.03	0.64	1.00	
X3	0.06	0.01	0.21	0.09	1.00

PSI

Note: This matrix is diagonal.

X4	Y1
-----	-----
0.91	0.93

THETA-EPS

X4.1	X4.2	X4.3	Y1.1	Y1.2	Y1.3
-----	-----	-----	-----	-----	-----
0.57	0.08	0.13	0.13	0.31	0.74

THETA-EPS

Y1.4

0.37

THETA-DELTA

X1.1	X1.2	X1.3	X1.4	X1.5	X2.1
-----	-----	-----	-----	-----	-----
0.23	0.46	0.41	0.34	0.33	-0.06

THETA-DELTA

X2.3	X2.4	X2.5	X2.6	X3.1	X3.2
-----	-----	-----	-----	-----	-----
0.29	0.68	0.38	0.08	0.24	0.31

THETA-DELTA

X3.3	X3.4	X3.5	X3.6	X3.7	X3.8
-----	-----	-----	-----	-----	-----
0.31	0.39	0.40	0.30	0.31	0.35

Regression Matrix ETA on KSI (Standardized)

	X1	X2	X3
	-----	-----	-----
X4	0.36	-0.13	-0.01
Y1	0.09	-0.03	0.00

SKRIPSI

Total and Indirect Effects

Total Effects of KSI on ETA

	X1	X2	X3
X4	0.31 (0.39) 0.80	-0.09 (0.41) -0.21	-0.01 (0.07) -0.08
Y1	0.11 (0.14) 0.79	-0.03 (0.14) -0.21	0.00 (0.02) -0.08

Indirect Effects of KSI on ETA

	X1	X2	X3
X4	--	--	--
Y1	0.11 (0.14) 0.79	-0.03 (0.14) -0.21	0.00 (0.02) -0.08

Total Effects of ETA on ETA

	X4	Y1
X4	--	--
Y1	0.35 (0.14) 2.40	--

Largest Eigenvalue of $B*B'$ (Stability Index) is 0.120

Total Effects of ETA on Y

	X4	Y1
X4.1	1.00	--
X4.2	1.37 (0.17) 8.28	--
X4.3	1.36 (0.16) 8.71	--
Y1.1	0.35 (0.14)	1.00

2.40

Y1.2 0.31 0.88
(0.13) (0.09)
2.32 9.42

Y1.3 0.19 0.55
(0.09) (0.10)
2.04 5.54

Y1.4 0.31 0.90
(0.14) (0.08)
2.31 11.16

Indirect Effects of ETA on Y

	X4	Y1
	-----	-----
X4.1	--	--
X4.2	--	--
X4.3	--	--
Y1.1	0.35 (0.14) 2.40	--
Y1.2	0.31 (0.13) 2.32	--
Y1.3	0.19 (0.09) 2.04	--
Y1.4	0.31 (0.14) 2.31	--

Total Effects of KSI on Y

	X1	X2	X3
	-----	-----	-----
X4.1	0.31 (0.39) 0.80	-0.09 (0.41) -0.21	-0.01 (0.07) -0.08
X4.2	0.43 (0.54) 0.80	-0.12 (0.56) -0.21	-0.01 (0.09) -0.08

X4.3	0.43	-0.12	-0.01
	(0.54)	(0.56)	(0.09)
	0.80	-0.21	-0.08
Y1.1	0.11	-0.03	0.00
	(0.14)	(0.14)	(0.02)
	0.79	-0.21	-0.08
Y1.2	0.10	-0.03	0.00
	(0.12)	(0.12)	(0.02)
	0.79	-0.21	-0.08
Y1.3	0.06	-0.02	0.00
	(0.08)	(0.08)	(0.01)
	0.77	-0.21	-0.08
Y1.4	0.10	-0.03	0.00
	(0.13)	(0.13)	(0.02)
	0.78	-0.21	-0.08

SKRIPSI

Standardized Total and Indirect Effects

Standardized Total Effects of KSI on ETA

	X1	X2	X3
	-----	-----	-----
X4	0.36	-0.13	-0.01
Y1	0.09	-0.03	0.00

Standardized Indirect Effects of KSI on ETA

	X1	X2	X3
	-----	-----	-----
X4	--	--	--
Y1	0.09	-0.03	0.00

Standardized Total Effects of ETA on ETA

	X4	Y1
	-----	-----
X4	--	--
Y1	0.26	--

Standardized Total Effects of ETA on Y

	X4	Y1
	-----	-----
X4.1	0.62	--
X4.2	0.85	--

X4.3	0.84	--
Y1.1	0.21	0.83
Y1.2	0.19	0.73
Y1.3	0.12	0.46
Y1.4	0.19	0.75

Completely Standardized Total Effects of ETA on Y

	X4	Y1
	-----	-----
X4.1	0.66	--
X4.2	0.96	--
X4.3	0.93	--
Y1.1	0.24	0.93
Y1.2	0.22	0.83
Y1.3	0.13	0.51
Y1.4	0.21	0.79

Standardized Indirect Effects of ETA on Y

	X4	Y1
	-----	-----
X4.1	--	--
X4.2	--	--
X4.3	--	--
Y1.1	0.21	--
Y1.2	0.19	--
Y1.3	0.12	--
Y1.4	0.19	--

Completely Standardized Indirect Effects of ETA on Y

	X4	Y1
	-----	-----
X4.1	--	--
X4.2	--	--
X4.3	--	--
Y1.1	0.24	--
Y1.2	0.22	--
Y1.3	0.13	--
Y1.4	0.21	--

Standardized Total Effects of KSI on Y

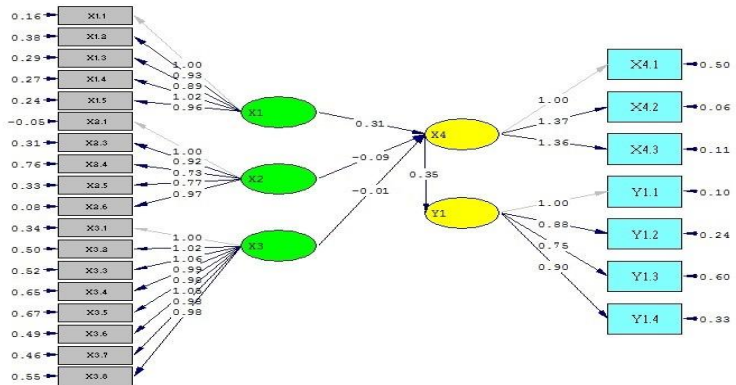
	X1	X2	X3
	-----	-----	-----
X4.1	0.23	-0.08	-0.01
X4.2	0.31	-0.11	-0.01
X4.3	0.31	-0.11	-0.01
Y1.1	0.08	-0.03	0.00
Y1.2	0.07	-0.03	0.00
Y1.3	0.04	-0.02	0.00
Y1.4	0.07	-0.03	0.00

Completely Standardized Total Effects of KSI on Y

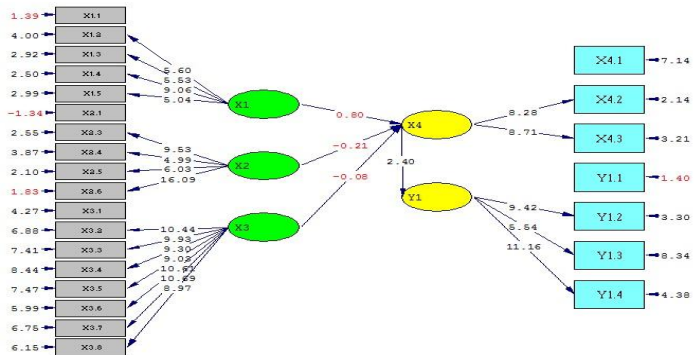
	X1	X2	X3
X4.1	0.24	-0.09	-0.01
X4.2	0.35	-0.13	-0.01
X4.3	0.34	-0.12	-0.01
Y1.1	0.09	-0.03	0.00
Y1.2	0.08	-0.03	0.00
Y1.3	0.05	-0.02	0.00
Y1.4	0.07	-0.03	0.00

Time used: 3.245 Seconds

Lampiran Estimasi



Lampiran T-values



Lampiran Standardized

