

LAMPIRAN 1

No. Responden :.....

KUESIONER

Kepada Yth. Responden

Dengan Hormat,

Saya mahasiswa Universitas Katolik Widya Mandala Surabaya, memohon kesediaan saudara/i untuk mengisi kuesioner. Kuesioner ini dibuat dalam rangka melakukan penelitian untuk menyelesaikan tugas akhir saya, dengan judul “**Analisis Pengaruh Kualitas *E-Service* dan *Perceived Value* Terhadap *Repurchase Intention* Melalui Mediasi *Customer Satisfaction* Online shop di Surabaya**”. Saya berharap responden bersedia untuk mengisi kuesioner ini dan memberikan pernyataan yang sesuai dengan pendapat Anda. Atas ketersediannya saya ucapkan terima kasih.

Hormat Saya,

Felicia

Berilah tanda (X) pada setiap jawaban Anda.

DESKRIPSI RESPONDEN

- a. Usia :
 - 1) 18 tahun sampai 27 tahun
 - 2) 28 tahun sampai 37 tahun
 - 3) 38 tahun sampai 47 tahun
 - 4) > 47 tahun
- b. Jenis kelamin :
 - 1) Laki-laki
 - 2) Perempuan
- c. *Online Shop* yang Anda ketahui/ sering Anda kunjungi:
 - 1) OLX
 - 2) Berniaga.com
 - 3) Lazada
 - 4) Elevenia
 - 5) Kaskus
 - 6) Rakuten

Kuesioner

ANALISIS PENGARUH KUALITAS *E-SERVICE* DAN *PERCEIVED VALUE* TERHADAP *REPURCHASE INTENTION* MELALUI MEDIASI *CUSTOMER SATISFACTION ONLINE SHOP* DI SURABAYA

- Keterangan :
1. STS (sangat tidak setuju)
 2. TS (tidak setuju)
 3. N (netral)
 4. S (setuju)
 5. SS (sangat setuju)

No	Pernyataan	STS	TS	N	S	SS
Kualitas <i>E-service</i>						
1.	Saya mendapatkan barang sesuai dengan pesanan saya dari <i>online shop</i>					
2.	<i>Online shop</i> memberikan informasi mendalam tentang produk/jasa					
3.	<i>Online shop</i> mengirimkan barang pesanan saya tepat waktu					
4.	Saya merasa transaksi dengan <i>online shop</i> bebas dari kesalahan					
5.	Saya merasa aman dalam bertransaksi dengan <i>online shop</i>					
6.	<i>Online shop</i> memiliki fitur keamanan yang memadai					
7.	<i>Online shop</i> melindungi privasi saya					
8.	<i>Online shop</i> menjawab pertanyaan dengan cepat					
9.	<i>Online shop</i> memberikan layanan dengan cepat					
10.	<i>Online shop</i> selalu bersedia untuk membantu pelanggan					
11.	<i>Online shop</i> membantu memecahkan masalah.					
12.	<i>Online shop</i> dapat di percaya					

<i>Perceived Value</i>						
1.	Saya merasa cocok atau sesuai pada harga yang diberikan <i>online shop</i>					
2.	Melakukan pembelian melalui <i>online shop</i> memudahkan saya dalam berbelanja					
3.	<i>Online shop</i> memberikan layanan yang baik					
4.	Saya merasa harga dari produk / layanan yang dibeli dari <i>online shop</i> adalah pada tingkat yang tepat, dengan mempertimbangkan kualitas					
5.	Saya merasa berbelanja melalui <i>online shop</i> adalah cara yang efisien untuk mengatur waktu					
6.	<i>Online shop</i> menawarkan berbagai pilihan produk / jasa, yang memenuhi kebutuhan					
7.	<i>Online shop</i> tidak hanya menjual produk / jasa, tetapi juga memberikan kenyamanan yang dapat mendorong pembelian					
8.	<i>Online shop</i> menarik					
9.	Saya merasa berbelanja melalui <i>online shop</i> menyenangkan					
10.	Saya merasa berbelanja melalui <i>online shop</i> dapat membantu melupakan masalah saya					
11.	Saya suka berbelanja melalui <i>online shop</i>					
<i>Customer Satisfaction</i>						
1.	Saya merasa puas dengan pengalaman berbelanja pada <i>online shop</i>					
2.	Saya merasa puas dengan keputusan saya untuk berbelanja di <i>online shop</i>					
3.	Saya merasa berbelanja melalui <i>online shop</i> adalah pilihan yang tepat.					
4.	Saya merasa sangat puas dengan keputusan saya menggunakan <i>online shop</i>					

<i>Repurchase Intention</i>						
1.	Saya akan lebih sering berbelanja secara <i>online</i>					
2.	Saya akan tetap berbelanja melalui <i>online shop</i> meskipun banyak toko fisik yang menawarkan diskon					
3.	Saya akan merekomendasikan penggunaan <i>online shop</i> kepada teman ataupun keluarga.					

LAMPIRAN 2:

PENGISIAN KUISIONER RESPONDEN

Resp	SQ1	SQ2	SQ3	SQ4	SQ5	SQ6	SQ7	SQ8	SQ9	SQ10	SQ11	SQ12	PV1	PV2	PV3	PV4	PV5	PV6	PV7	PV8	PV9	PV10	PV11	SAT1	SAT2	SAT3	SAT4	RI1	RI2	RI3	
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100	5	4	3	4	5	4	3	2	3	4	3	4	4	3	4	5	2	3	4	3	2	3	4	3	2	4	3	3	3	3
101	3	2	3	2	1	1	2	2	3	2	2	2	4	4	2	4	4	4	2	4	2	2	4	4	4	2	4	2	2	2
102	4	3	4	2	3	3	4	4	3	3	4	4	1	2	3	2	2	2	4	3	3	3	2	2	2	2	2	2	3	4
103	2	4	3	3	1	2	2	3	2	3	3	3	4	4	4	3	3	5	4	4	4	2	3	3	4	2	2	3	2	4
104	4	5	4	3	4	4	2	3	2	4	2	2	4	2	4	4	4	5	2	5	5	5	4	2	5	4	4	4	1	5
105	2	3	4	2	3	3	4	2	2	3	3	3	2	2	4	3	4	4	3	3	4	2	2	4	5	2	4	4	2	4
106	2	4	3	2	4	2	5	4	4	2	5	4	5	3	4	3	4	4	5	5	4	4	2	5	5	2	5	5	2	4
107	4	3	3	4	2	4	5	2	4	3	4	3	5	5	3	3	4	4	5	4	4	2	3	2	3	4	4	4	2	4
108	2	4	3	3	2	3	4	4	2	3	4	4	3	4	5	4	5	5	4	4	4	4	3	2	3	4	3	2	2	4
109	3	3	4	3	2	1	3	2	2	4	2	3	4	2	4	3	4	5	3	4	4	3	3	3	4	3	2	4	2	4
110	4	3	3	4	3	2	3	4	3	2	2	4	4	2	4	3	4	5	4	4	3	3	2	2	4	5	5	5	3	3
111	4	4	2	3	1	3	4	3	2	4	4	3	4	4	4	2	1	1	3	4	4	3	1	1	3	2	3	4	5	5

112	3	4	4	4	3	3	4	5	4	5	3	2	3	3	3	2	1	1	5	5	5	5	4	4	4	4	3	3	3	2	2	
113	2	3	3	1	1	1	3	2	3	4	2	1	5	5	5	3	3	4	2	2	2	2	2	2	2	2	2	2	1	1	1	
114	4	4	4	4	3	4	4	3	3	2	4	3	2	2	2	3	3	2	4	4	3	3	3	3	3	3	3	3	3	3	3	
115	4	2	3	4	2	1	3	2	1	4	3	3	3	3	4	4	3	4	4	3	5	5	4	4	4	4	3	3	3	2	3	
116	3	4	4	3	4	3	2	4	4	2	4	2	1	1	2	3	3	3	4	4	4	4	4	3	4	4	4	4	4	3	4	3
117	4	2	3	2	3	2	3	3	4	4	4	3	3	3	4	3	3	3	3	4	4	2	4	4	4	2	4	2	2	2	2	
118	5	4	3	3	3	1	3	2	1	2	1	4	2	2	4	2	3	3	2	4	4	2	2	4	2	1	2	2	1	1		
119	4	4	2	1	2	2	4	2	4	5	4	2	4	4	4	3	2	1	4	4	4	4	4	2	2	2	2	2	2	2	4	
120	3	5	4	4	4	4	5	2	3	4	2	4	3	4	3	5	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	
121	4	4	4	3	3	3	4	5	4	3	4	4	2	4	4	4	4	4	2	5	4	4	2	4	4	4	4	4	4	4	4	
122	5	3	3	4	3	5	4	3	2	4	4	2	3	2	1	2	2	3	1	3	3	1	2	1	2	3	1	2	1	1		
123	2	2	3	2	3	3	3	4	4	5	4	5	4	4	4	4	4	3	4	4	4	3	3	3	3	3	3	3	3	3	4	
124	4	4	4	3	2	3	4	4	5	3	3	4	2	4	4	2	4	4	4	4	4	2	4	4	4	3	4	2	2	4		
125	3	4	3	3	4	3	3	4	4	3	3	3	4	4	5	4	5	4	4	5	4	5	4	4	4	4	3	3	4	4		
126	4	3	4	2	4	4	3	3	3	4	4	3	3	4	4	3	4	2	3	4	3	1	3	3	4	3	3	3	4	5		
127	2	4	3	2	3	2	3	2	1	3	1	3	4	3	4	4	5	3	4	3	4	2	4	4	3	3	4	2	2	3		
128	3	4	2	3	3	5	2	3	3	4	3	2	3	4	4	3	3	4	5	3	4	5	4	3	3	4	3	3	4	4		
129	4	4	3	4	3	2	3	4	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
130	3	3	4	2	1	1	4	2	3	3	3	3	3	2	3	3	3	3	3	3	3	2	3	3	3	3	3	3	2	3		
131	4	4	5	3	4	3	3	5	1	2	4	4	5	5	5	5	4	5	5	5	5	5	5	5	5	5	4	5	4	4	5	
132	3	2	2	2	3	1	3	2	3	2	1	1	5	2	1	2	4	4	4	5	1	1	2	4	3	1	1	2	1	3		
133	4	4	4	3	3	2	3	2	3	3	2	3	3	3	3	3	3	4	3	4	4	4	3	4	4	3	3	3	2	3		
134	4	2	4	3	4	3	2	3	3	4	4	3	2	4	3	3	3	3	4	3	3	2	3	4	4	4	3	3	3	3	4	

LAMPIRAN 3:**IDENTIFIKASI RESPONDEN KUESIONER****usia**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	18-27 tahun	139	92.7	92.7	92.7
	28-37 tahun	11	7.3	7.3	100.0
	Total	150	100.0	100.0	

jenis kelamin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	laki-laki	59	39.3	39.3	39.3
	Perempuan	91	60.7	60.7	100.0
	Total	150	100.0	100.0	

jenis online shop

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	OLX	41	27.3	27.3	27.3
	Berniaga.com	27	18.0	18.0	45.3
	Lazada	33	22.0	22.0	67.3
	Elevenia	11	7.3	7.3	74.7
	Kaskus	29	19.3	19.3	94.0
	Rakuten	9	6.0	6.0	100.0
	Total	150	100.0	100.0	

LAMPIRAN 4: OUTPUT LISREL

DATE: 11/22/2014
TIME: 22:00

P R E L I S 2.70

BY

Karl G. Jöreskog & Dag Sörbom

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The following lines were read from file D:\S5\D1.PR2:

!PRELIS SYNTAX: Can be edited
SY='D:\S5\D1.PSF'
OU MA=CM SM=D:\S5\D1.COV AC=D:\S5\D1.ACM XT

Total Sample Size = 150

Univariate Summary Statistics for Continuous Variables

Variable	Mean	St. Dev.	T-Value	Skewness	Kurtosis	Minimum	Freq.	Maximum	Freq.
SQ1	3.547	0.909	47.775	-0.548	-0.423	1.000	1	5.000	15
SQ2	3.433	0.965	43.562	-0.330	-0.478	1.000	3	5.000	17
SQ3	3.207	0.943	41.632	-0.183	-0.385	1.000	5	5.000	10
SQ4	3.127	0.992	38.607	-0.174	-0.611	1.000	7	5.000	9
SQ5	3.053	1.067	35.054	-0.074	-0.526	1.000	12	5.000	13
SQ6	3.027	1.105	33.550	-0.174	-0.732	1.000	15	5.000	11
SQ7	3.187	0.979	39.871	-0.079	-0.549	1.000	5	5.000	12
SQ8	3.093	1.032	36.710	-0.041	-0.634	1.000	8	5.000	12
SQ9	3.007	0.966	38.127	-0.149	-0.303	1.000	10	5.000	7
SQ10	3.193	1.085	36.048	-0.233	-0.664	1.000	10	5.000	15
SQ11	3.100	1.169	32.488	-0.146	-0.850	1.000	15	5.000	17
SQ12	3.173	1.015	38.292	-0.238	-0.378	1.000	9	5.000	12
PV1	3.293	0.973	41.450	-0.310	-0.277	1.000	6	5.000	13
PV2	3.353	1.044	39.354	-0.429	-0.503	1.000	7	5.000	16
PV3	3.493	0.968	44.218	-0.769	0.363	1.000	7	5.000	15
PV4	3.333	0.902	45.240	-0.212	-0.261	1.000	3	5.000	12
PV5	3.500	1.008	42.511	-0.537	-0.099	1.000	6	5.000	21
PV6	3.547	1.021	42.565	-0.723	0.259	1.000	8	5.000	22
PV7	3.653	0.890	50.285	-0.532	0.109	1.000	2	5.000	22
PV8	3.653	0.890	50.285	-0.416	0.027	1.000	2	5.000	24
PV9	3.587	0.884	49.705	-0.681	0.651	1.000	4	5.000	17
PV10	3.247	1.147	34.681	-0.091	-0.939	1.000	8	5.000	23
PV11	3.347	0.990	41.411	-0.281	-0.236	1.000	6	5.000	17
SAT1	3.433	0.972	43.252	-0.609	-0.029	1.000	6	5.000	14
SAT2	3.633	0.923	48.231	-0.503	0.109	1.000	3	5.000	24
SAT3	3.373	0.909	45.455	-0.649	0.022	1.000	5	5.000	8
SAT4	3.513	0.968	44.475	-0.511	0.032	1.000	5	5.000	20
RI1	3.147	1.026	37.571	-0.186	-0.480	1.000	9	5.000	12
RI2	2.953	1.070	33.796	0.094	-0.868	1.000	10	5.000	10
RI3	3.573	1.025	42.676	-0.692	0.126	1.000	7	5.000	24

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
SQ1	-2.677	0.007	-1.216	0.224	8.648	0.013
SQ2	-1.672	0.095	-1.447	0.148	4.888	0.087
SQ3	-0.938	0.348	-1.065	0.287	2.013	0.366
SQ4	-0.896	0.370	-2.076	0.038	5.114	0.078
SQ5	-0.381	0.703	-1.665	0.096	2.916	0.233
SQ6	-0.896	0.370	-2.764	0.006	8.444	0.015
SQ7	-0.409	0.682	-1.771	0.077	3.305	0.192
SQ8	-0.210	0.834	-2.198	0.028	4.875	0.087
SQ9	-0.769	0.442	-0.763	0.445	1.173	0.556
SQ10	-1.193	0.233	-2.367	0.018	7.028	0.030
SQ11	-0.750	0.453	-3.582	0.000	13.394	0.001
SQ12	-1.217	0.224	-1.039	0.299	2.560	0.278
PV1	-1.571	0.116	-0.673	0.501	2.919	0.232
PV2	-2.139	0.032	-1.557	0.119	6.998	0.030
PV3	-3.598	0.000	0.999	0.318	13.945	0.001
PV4	-1.086	0.278	-0.616	0.538	1.558	0.459
PV5	-2.632	0.008	-0.108	0.914	6.941	0.031
PV6	-3.415	0.001	0.783	0.434	12.277	0.002
PV7	-2.607	0.009	0.440	0.660	6.988	0.030
PV8	-2.078	0.038	0.235	0.815	4.374	0.112
PV9	-3.244	0.001	1.521	0.128	12.840	0.002
PV10	-0.471	0.638	-4.338	0.000	19.039	0.000
PV11	-1.430	0.153	-0.532	0.595	2.328	0.312
SAT1	-2.944	0.003	0.086	0.931	8.673	0.013
SAT2	-2.479	0.013	0.441	0.659	6.342	0.042
SAT3	-3.113	0.002	0.222	0.824	9.740	0.008
SAT4	-2.516	0.012	0.247	0.805	6.393	0.041
RI1	-0.953	0.340	-1.457	0.145	3.032	0.220
RI2	0.484	0.628	-3.724	0.000	14.101	0.001
RI3	-3.291	0.001	0.482	0.630	11.063	0.004

Relative Multivariate Kurtosis = 1.045

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
236.565	9.030	0.000	1003.277	5.864	0.000	115.931	0.000

Histograms for Continuous Variables

SQ1

Frequency	Percentage	Lower Class Limit	Upper Class Limit
1	0.7	1.000	1.400
0	0.0	1.400	1.800
25	16.7	1.800	2.200
0	0.0	2.200	2.600
30	20.0	2.600	3.000
0	0.0	3.000	3.400
0	0.0	3.400	3.800
79	52.7	3.800	4.200
0	0.0	4.200	4.600
15	10.0	4.600	5.000

SQ2

Frequency	Percentage	Lower Class Limit	Upper Class Limit
3	2.0	1.000	1.400
0	0.0	1.400	1.800
25	16.7	1.800	2.200
0	0.0	2.200	2.600
0	0.0	2.600	3.000
43	28.7	3.000	3.400
0	0.0	3.400	3.800
62	41.3	3.800	4.200
0	0.0	4.200	4.600
17	11.3	4.600	5.000

SQ3

Frequency	Percentage	Lower Class Limit	Limit
5	3.3	1.000	□□□
0	0.0	1.400	
29	19.3	1.800	□□□□□□□□□□□□
0	0.0	2.200	
0	0.0	2.600	
56	37.3	3.000	□□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.400	
50	33.3	3.800	□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	4.200	
10	6.7	4.600	□□□□□

SQ4

Frequency	Percentage	Lower Class Limit	Limit
7	4.7	1.000	□□□□□
0	0.0	1.400	
35	23.3	1.800	□□□□□□□□□□□□□□□□□□□□□□
0	0.0	2.200	
0	0.0	2.600	
49	32.7	3.000	□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.400	
50	33.3	3.800	□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	4.200	
9	6.0	4.600	□□□□□

SQ5

Frequency	Percentage	Lower Class Limit	Limit
12	8.0	1.000	□□□□□□□
0	0.0	1.400	
32	21.3	1.800	□□□□□□□□□□□□□□□□□□□□□□
0	0.0	2.200	
55	36.7	2.600	□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.000	
0	0.0	3.400	
38	25.3	3.800	□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	4.200	
13	8.7	4.600	□□□□□□□

SQ6

Frequency	Percentage	Lower Class Limit	Limit
15	10.0	1.000	□□□□□□□□□
0	0.0	1.400	
33	22.0	1.800	□□□□□□□□□□□□□□□□□□□□□□
0	0.0	2.200	
46	30.7	2.600	□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.000	
0	0.0	3.400	
45	30.0	3.800	□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	4.200	
11	7.3	4.600	□□□□□□□□

SQ7

Frequency	Percentage	Lower Class Limit	Limit
5	3.3	1.000	□□□
0	0.0	1.400	
33	22.0	1.800	□□□□□□□□□□□□□□□□□□□□□□
0	0.0	2.200	
0	0.0	2.600	
53	35.3	3.000	□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	3.400	
47	31.3	3.800	□□□□□□□□□□□□□□□□□□□□□□□□□□□
0	0.0	4.200	
12	8.0	4.600	□□□□□□□

SQ8

Frequency	Percentage	Lower Class Limit	Limit
8	5.3	1.000	□□□□□□
0	0.0	1.400	
37	24.7	1.800	□□□□□□□□□□□□□□□□□□□□□□
0	0.0	2.200	
50	33.3	2.600	□□□□□□□□□□□□□□□□□□□□□□□□□□□

0	0.0	3.000	
0	0.0	3.400	
43	28.7	3.800	██
0	0.0	4.200	
12	8.0	4.600	██████████

SQ9

Frequency	Percentage	Lower Class Limit	Limit
10	6.7	1.000	██████
0	0.0	1.400	
32	21.3	1.800	████████████████████████████
0	0.0	2.200	
62	41.3	2.600	██
0	0.0	3.000	
0	0.0	3.400	
39	26.0	3.800	████████████████████████████████
0	0.0	4.200	
7	4.7	4.600	████

SQ10

Frequency	Percentage	Lower Class Limit	Limit
10	6.7	1.000	██████
0	0.0	1.400	
31	20.7	1.800	████████████████████████████
0	0.0	2.200	
0	0.0	2.600	
44	29.3	3.000	████████████████████████████████
0	0.0	3.400	
50	33.3	3.800	██
0	0.0	4.200	
15	10.0	4.600	██████████

SQ11

Frequency	Percentage	Lower Class Limit	Limit
15	10.0	1.000	██████████
0	0.0	1.400	
33	22.0	1.800	████████████████████████████
0	0.0	2.200	
41	27.3	2.600	████████████████████████████████
0	0.0	3.000	
0	0.0	3.400	
44	29.3	3.800	██
0	0.0	4.200	
17	11.3	4.600	██████████

SQ12

Frequency	Percentage	Lower Class Limit	Limit
9	6.0	1.000	██████
0	0.0	1.400	
27	18.0	1.800	████████████████████████████
0	0.0	2.200	
0	0.0	2.600	
55	36.7	3.000	██
0	0.0	3.400	
47	31.3	3.800	████████████████████████████████████
0	0.0	4.200	
12	8.0	4.600	██████████

PV1

Frequency	Percentage	Lower Class Limit	Limit
6	4.0	1.000	████
0	0.0	1.400	
24	16.0	1.800	████████████████████████████
0	0.0	2.200	
53	35.3	2.600	██
0	0.0	3.000	
0	0.0	3.400	
54	36.0	3.800	██
0	0.0	4.200	
13	8.7	4.600	██████████

PV2

0	0.0	3.400	
72	48.0	3.800	██
0	0.0	4.200	
22	14.7	4.600	██████████

PV8

Frequency	Percentage	Lower Class Limit	Limit
2	1.3	1.000	□
0	0.0	1.400	
12	8.0	1.800	██████
0	0.0	2.200	
0	0.0	2.600	
46	30.7	3.000	██████████████████████████████████████
0	0.0	3.400	
66	44.0	3.800	██████████████████████████████████████
0	0.0	4.200	
24	16.0	4.600	██████████████

PV9

Frequency	Percentage	Lower Class Limit	Limit
4	2.7	1.000	□□
0	0.0	1.400	
11	7.3	1.800	██████
0	0.0	2.200	
45	30.0	2.600	██████████████████████████████████████
0	0.0	3.000	
0	0.0	3.400	
73	48.7	3.800	██████████████████████████████████████
0	0.0	4.200	
17	11.3	4.600	██████████

PV10

Frequency	Percentage	Lower Class Limit	Limit
8	5.3	1.000	██████
0	0.0	1.400	
37	24.7	1.800	██████████████████████████████████████
0	0.0	2.200	
38	25.3	2.600	██████████████████████████████████████
0	0.0	3.000	
0	0.0	3.400	
44	29.3	3.800	██████████████████████████████████████
0	0.0	4.200	
23	15.3	4.600	██████████████████

PV11

Frequency	Percentage	Lower Class Limit	Limit
6	4.0	1.000	████
0	0.0	1.400	
21	14.0	1.800	██████████████
0	0.0	2.200	
55	36.7	2.600	██████████████████████████████████████
0	0.0	3.000	
0	0.0	3.400	
51	34.0	3.800	██████████████████████████████████████
0	0.0	4.200	
17	11.3	4.600	██████████

SAT1

Frequency	Percentage	Lower Class Limit	Limit
6	4.0	1.000	□□□
0	0.0	1.400	
20	13.3	1.800	██████████
0	0.0	2.200	
0	0.0	2.600	
41	27.3	3.000	██████████████████████████████████████
0	0.0	3.400	
69	46.0	3.800	██████████████████████████████████████
0	0.0	4.200	
14	9.3	4.600	████████

SAT2

Frequency	Percentage	Lower Class Limit
-----------	------------	-------------------

	PV1	PV2	PV3	PV4	PV5	PV6
PV1	0.947					
PV2	0.446	1.089				
PV3	0.264	0.509	0.936			
PV4	0.217	0.311	0.251	0.814		
PV5	0.221	0.366	0.255	0.369	1.017	
PV6	0.201	0.235	0.265	0.340	0.611	1.041
PV7	0.196	0.251	0.226	0.224	0.174	0.265
PV8	0.169	0.338	0.226	0.157	0.268	0.285
PV9	0.021	0.127	0.252	0.078	0.141	0.160
PV10	0.088	0.067	0.106	0.179	0.044	0.153
PV11	0.072	0.078	0.103	0.152	0.054	0.151
SAT1	0.060	0.067	0.107	0.130	0.178	0.211
SAT2	0.021	-0.037	0.108	0.049	0.131	0.182
SAT3	0.051	0.075	0.103	0.197	0.141	0.204
SAT4	0.090	0.099	0.175	0.197	0.178	0.187
RI1	0.192	0.089	0.162	0.145	0.201	0.154
RI2	0.014	0.198	0.218	0.183	0.070	0.039
RI3	0.186	0.212	0.192	0.204	0.262	0.101

Covariance Matrix

	PV7	PV8	PV9	PV10	PV11	SAT1
PV7	0.792					
PV8	0.342	0.792				
PV9	0.185	0.319	0.781			
PV10	0.281	0.173	0.317	1.315		
PV11	0.128	0.047	0.305	0.458	0.980	
SAT1	0.111	0.151	0.288	0.282	0.607	0.945
SAT2	0.107	0.067	0.297	0.373	0.511	0.610
SAT3	0.150	0.083	0.236	0.471	0.507	0.421
SAT4	0.125	0.045	0.214	0.356	0.492	0.575
RI1	0.165	0.145	0.350	0.353	0.526	0.486
RI2	0.111	0.044	0.283	0.414	0.506	0.389
RI3	0.187	0.039	0.212	0.428	0.444	0.361

Covariance Matrix

	SAT2	SAT3	SAT4	RI1	RI2	RI3
SAT2	0.851					
SAT3	0.433	0.826				
SAT4	0.565	0.565	0.936			
RI1	0.571	0.489	0.595	1.052		
RI2	0.406	0.447	0.514	0.678	1.145	
RI3	0.480	0.449	0.563	0.593	0.604	1.052

Means

	SQ1	SQ2	SQ3	SQ4	SQ5	SQ6
	3.547	3.433	3.207	3.127	3.053	3.027

Means

	SQ7	SQ8	SQ9	SQ10	SQ11	SQ12
	3.187	3.093	3.007	3.193	3.100	3.173

Means

	PV1	PV2	PV3	PV4	PV5	PV6
	3.293	3.353	3.493	3.333	3.500	3.547

Means

	PV7	PV8	PV9	PV10	PV11	SAT1
	3.653	3.653	3.587	3.247	3.347	3.433

Means

SAT2	SAT3	SAT4	RI1	RI2	RI3
-----	-----	-----	-----	-----	-----
3.633	3.373	3.513	3.147	2.953	3.573

Standard Deviations

SQ1	SQ2	SQ3	SQ4	SQ5	SQ6
-----	-----	-----	-----	-----	-----
0.909	0.965	0.943	0.992	1.067	1.105

Standard Deviations

SQ7	SQ8	SQ9	SQ10	SQ11	SQ12
-----	-----	-----	-----	-----	-----
0.979	1.032	0.966	1.085	1.169	1.015

Standard Deviations

PV1	PV2	PV3	PV4	PV5	PV6
-----	-----	-----	-----	-----	-----
0.973	1.044	0.968	0.902	1.008	1.021

Standard Deviations

PV7	PV8	PV9	PV10	PV11	SAT1
-----	-----	-----	-----	-----	-----
0.890	0.890	0.884	1.147	0.990	0.972

Standard Deviations

SAT2	SAT3	SAT4	RI1	RI2	RI3
-----	-----	-----	-----	-----	-----
0.923	0.909	0.968	1.026	1.070	1.025

The Problem used 945696 Bytes (= 0.1% of available workspace)

DATE: 11/22/2014
TIME: 22:03

L I S R E L 8.70

BY

Karl G. Jöreskog & Dag Sörbom

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The following lines were read from file D:\S5\HASIL.sp1:

```

OBSERVED VARIABLES SQ1 SQ2 SQ3 SQ4 SQ5 SQ6 SQ7 SQ8 SQ9 SQ10 SQ11 SQ12 PV1 PV2 PV3 PV4
PV5 PV6 PV7 PV8 PV9 PV10 PV11 SAT1 SAT2 SAT3 SAT4 RI1 RI2 RI3
COVARIANCE MATRIX FROM FILE D:\S5\D1.COV
ASYMPTOTIC COVARIANCE MATRIX FROM FILE D:\S5\D1.ACM
LATENT VARIABLES SQ PV SAT RI
SAMPLE SIZE 150
RELATIONSHIPS
SQ1=1*SQ
SQ2-SQ12=SQ
PV1=1*PV
PV2-PV11=PV
SAT1=1*SAT
SAT2-SAT4=SAT
RI1=1*RI
RI2-RI3=RI
SAT=SQ PV
RI=SAT
OPTIONS:SC EF
PATH DIAGRAM: AD OFF
END OF PROGRAM

```

Sample Size = 150

Covariance Matrix

	SAT1	SAT2	SAT3	SAT4	RI1	RI2
SAT1	0.95					
SAT2	0.61	0.85				
SAT3	0.42	0.43	0.83			
SAT4	0.57	0.57	0.57	0.94		
RI1	0.49	0.57	0.49	0.60	1.05	
RI2	0.39	0.41	0.45	0.51	0.68	1.15
RI3	0.36	0.48	0.45	0.56	0.59	0.60
SQ1	-0.01	-0.04	0.00	-0.03	0.00	-0.03
SQ2	0.01	0.06	0.06	0.07	0.18	0.05
SQ3	0.05	0.04	0.07	0.05	0.05	0.00
SQ4	0.07	-0.01	0.16	0.17	0.17	0.12
SQ5	0.18	0.09	0.22	0.10	0.02	0.05
SQ6	0.03	0.13	0.23	0.07	0.15	0.20
SQ7	0.06	0.04	0.05	0.10	0.09	0.00
SQ8	0.13	0.14	0.17	0.25	0.09	0.16
SQ9	0.04	0.04	0.10	0.11	0.07	0.11
SQ10	-0.07	-0.16	0.03	-0.05	-0.09	-0.05
SQ11	0.10	-0.01	0.08	0.12	0.08	0.14
SQ12	0.11	0.08	0.17	0.17	0.22	0.21

PV1	0.06	0.02	0.05	0.09	0.19	0.01
PV2	0.07	-0.04	0.08	0.10	0.09	0.20
PV3	0.11	0.11	0.10	0.17	0.16	0.22
PV4	0.13	0.05	0.20	0.20	0.15	0.18
PV5	0.18	0.13	0.14	0.18	0.20	0.07
PV6	0.21	0.18	0.20	0.19	0.15	0.04
PV7	0.11	0.11	0.15	0.13	0.17	0.11
PV8	0.15	0.07	0.08	0.04	0.15	0.04
PV9	0.29	0.30	0.24	0.21	0.35	0.28
PV10	0.28	0.37	0.47	0.36	0.35	0.41
PV11	0.61	0.51	0.51	0.49	0.53	0.51

Covariance Matrix

	RI3	SQ1	SQ2	SQ3	SQ4	SQ5
RI3	1.05					
SQ1	0.02	0.83				
SQ2	0.15	0.30	0.93			
SQ3	0.06	0.22	0.26	0.89		
SQ4	0.01	0.29	0.27	0.21	0.98	
SQ5	0.08	0.22	0.27	0.18	0.25	1.14
SQ6	0.21	0.36	0.38	0.26	0.31	0.43
SQ7	0.07	0.17	0.20	0.20	0.22	0.13
SQ8	0.15	0.17	0.15	0.29	0.32	0.36
SQ9	0.06	0.14	0.06	0.01	0.10	0.21
SQ10	0.00	0.27	0.20	0.15	0.32	0.26
SQ11	0.28	0.39	0.19	0.26	0.18	0.37
SQ12	0.16	0.35	0.16	0.12	0.18	0.31
PV1	0.19	-0.04	0.04	-0.17	-0.01	-0.08
PV2	0.21	0.02	0.09	-0.01	0.11	-0.06
PV3	0.19	-0.01	0.09	-0.02	-0.03	-0.13
PV4	0.20	-0.09	0.10	0.00	0.11	0.02
PV5	0.26	-0.07	0.17	0.07	-0.05	0.10
PV6	0.10	-0.06	0.01	-0.01	0.07	-0.05
PV7	0.19	-0.07	0.00	-0.01	0.08	0.00
PV8	0.04	0.02	0.07	0.08	0.05	-0.05
PV9	0.21	-0.04	0.07	0.03	0.06	0.00
PV10	0.43	-0.11	0.04	-0.11	0.13	0.13
PV11	0.44	0.01	0.09	-0.03	0.20	0.21

Covariance Matrix

	SQ6	SQ7	SQ8	SQ9	SQ10	SQ11
SQ6	1.22					
SQ7	0.31	0.96				
SQ8	0.27	0.18	1.07			
SQ9	0.21	0.14	0.23	0.93		
SQ10	0.14	0.23	0.21	0.22	1.18	
SQ11	0.37	0.34	0.37	0.25	0.48	1.37
SQ12	0.25	0.23	0.23	0.15	0.27	0.47
PV1	-0.14	-0.05	0.03	-0.03	0.03	0.09
PV2	0.04	-0.05	0.10	0.04	0.27	0.09
PV3	-0.02	0.08	0.06	0.00	0.14	-0.01
PV4	0.07	0.00	-0.01	-0.06	-0.03	-0.05
PV5	0.09	-0.13	0.10	0.00	-0.04	-0.04
PV6	-0.04	-0.19	0.12	-0.03	0.04	-0.12
PV7	0.01	0.07	0.11	0.07	0.01	0.03
PV8	-0.02	-0.04	0.09	0.00	0.13	-0.06
PV9	0.06	0.00	0.06	-0.11	0.00	0.05
PV10	0.17	0.01	0.24	0.03	0.02	0.05
PV11	0.22	0.07	0.14	0.08	0.05	0.01

Covariance Matrix

	SQ12	PV1	PV2	PV3	PV4	PV5
SQ12	1.03					
PV1	-0.03	0.95				
PV2	0.07	0.45	1.09			
PV3	0.06	0.26	0.51	0.94		

PV4	0.00	0.22	0.31	0.25	0.81	
PV5	-0.01	0.22	0.37	0.26	0.37	1.02
PV6	-0.01	0.20	0.24	0.27	0.34	0.61
PV7	0.03	0.20	0.25	0.23	0.22	0.17
PV8	-0.03	0.17	0.34	0.23	0.16	0.27
PV9	0.12	0.02	0.13	0.25	0.08	0.14
PV10	0.07	0.09	0.07	0.11	0.18	0.04
PV11	0.08	0.07	0.08	0.10	0.15	0.05

Covariance Matrix

	PV6	PV7	PV8	PV9	PV10	PV11
PV6	1.04					
PV7	0.26	0.79				
PV8	0.28	0.34	0.79			
PV9	0.16	0.18	0.32	0.78		
PV10	0.15	0.28	0.17	0.32	1.31	
PV11	0.15	0.13	0.05	0.31	0.46	0.98

Number of Iterations = 28

LISREL Estimates (Robust Maximum Likelihood)

Measurement Equations

SAT1 = 1.00*SAT, Errorvar.= 0.44 , R² = 0.53
 (0.083)
 5.31

SAT2 = 1.02*SAT, Errorvar.= 0.33 , R² = 0.61
 (0.11) (0.062)
 8.88 5.38

SAT3 = 0.92*SAT, Errorvar.= 0.39 , R² = 0.52
 (0.14) (0.070)
 6.68 5.64

SAT4 = 1.15*SAT, Errorvar.= 0.27 , R² = 0.71
 (0.14) (0.060)
 8.33 4.55

RI1 = 1.00*RI, Errorvar.= 0.32 , R² = 0.69
 (0.066)
 4.91

RI2 = 0.90*RI, Errorvar.= 0.55 , R² = 0.52
 (0.096) (0.083)
 9.44 6.64

RI3 = 0.87*RI, Errorvar.= 0.50 , R² = 0.52
 (0.11) (0.077)
 7.83 6.56

SQ1 = 1.00*SQ, Errorvar.= 0.55 , R² = 0.34
 (0.076)
 7.24

SQ2 = 0.86*SQ, Errorvar.= 0.73 , R² = 0.22
 (0.16) (0.076)
 5.21 9.63

SQ3 = 0.75*SQ, Errorvar.= 0.73 , R² = 0.17
 (0.17) (0.076)
 4.43 9.66

SQ4 = 0.92*SQ, Errorvar.= 0.75 , R² = 0.24
 (0.18) (0.073)
 5.01 10.26

SQ5 = 1.06*SQ, Errorvar.= 0.83 , R² = 0.27
 (0.22) (0.096)
 4.83 8.66

SQ6 = 1.19*SQ, Errorvar.= 0.83 , R² = 0.32
 (0.20) (0.094)
 5.87 8.81

SQ7 = 0.80*SQ, Errorvar.= 0.78 , R² = 0.18
 (0.15) (0.081)
 5.39 9.64

SQ8 = 0.95*SQ, Errorvar.= 0.81 , R² = 0.24
 (0.19) (0.085)
 4.97 9.55

SQ9 = 0.58*SQ, Errorvar.= 0.84 , R² = 0.10
 (0.16) (0.094)
 3.74 8.92

SQ10 = 0.93*SQ, Errorvar.= 0.94 , R² = 0.20
 (0.20) (0.10)
 4.68 9.01

SQ11 = 1.31*SQ, Errorvar.= 0.89 , R² = 0.35
 (0.22) (0.096)
 5.87 9.27

SQ12 = 0.98*SQ, Errorvar.= 0.77 , R² = 0.26
 (0.18) (0.098)
 5.56 7.83

PV1 = 1.00*PV, Errorvar.= 0.79 , R² = 0.17
 (0.084)
 9.34

PV2 = 1.45*PV, Errorvar.= 0.75 , R² = 0.31
 (0.29) (0.099)
 4.97 7.55

PV3 = 1.31*PV, Errorvar.= 0.66 , R² = 0.29
 (0.33) (0.095)
 3.93 6.97

PV4 = 1.21*PV, Errorvar.= 0.58 , R² = 0.29
 (0.28) (0.077)
 4.35 7.52

PV5 = 1.45*PV, Errorvar.= 0.68 , R² = 0.33
 (0.34) (0.089)
 4.22 7.62

PV6 = 1.49*PV, Errorvar.= 0.68 , R² = 0.34
 (0.36) (0.10)
 4.17 6.69

PV7 = 1.15*PV, Errorvar.= 0.58 , R² = 0.27
 (0.31) (0.077)
 3.73 7.48

PV8 = 1.20*PV, Errorvar.= 0.56 , R² = 0.29
 (0.29) (0.075)
 4.14 7.45

PV9 = 0.97*PV, Errorvar.= 0.63 , R² = 0.19
 (0.27) (0.094)
 3.60 6.71

PV10 = 0.97*PV, Errorvar.= 1.16 , R² = 0.11
 (0.32) (0.11)
 3.00 10.12

PV11 = 0.86*PV, Errorvar.= 0.86 , R² = 0.12
 (0.26) (0.11)
 3.32 8.19

Structural Equations

SAT = 0.24*SQ + 0.81*PV, Errorvar.= 0.38 , R² = 0.25
 (0.11) (0.26) (0.097)
 2.22 3.12 3.91

RI = 1.03*SAT, Errorvar.= 0.19 , R² = 0.74
 (0.13) (0.071)
 7.69 2.72

Reduced Form Equations

SAT = 0.24*SQ + 0.81*PV, Errorvar.= 0.38, R² = 0.25
 (0.11) (0.26)
 2.22 3.12

RI = 0.25*SQ + 0.83*PV, Errorvar.= 0.59, R² = 0.19
 (0.12) (0.25)
 2.13 3.30

Covariance Matrix of Independent Variables

	SQ	PV
SQ	0.28 (0.08) 3.42	
PV	0.01 (0.02) 0.72	0.16 (0.07) 2.33

Covariance Matrix of Latent Variables

	SAT	RI	SQ	PV
SAT	0.50			
RI	0.52	0.73		
SQ	0.08	0.08	0.28	
PV	0.13	0.14	0.01	0.16

Goodness of Fit Statistics

Degrees of Freedom = 401
 Minimum Fit Function Chi-Square = 719.45 (P = 0.0)
 Normal Theory Weighted Least Squares Chi-Square = 681.59 (P = 0.00)
 Satorra-Bentler Scaled Chi-Square = 608.85 (P = 0.00)
 Estimated Non-centrality Parameter (NCP) = 207.85
 90 Percent Confidence Interval for NCP = (145.32 ; 278.34)

Minimum Fit Function Value = 4.83
 Population Discrepancy Function Value (F0) = 1.39
 90 Percent Confidence Interval for F0 = (0.98 ; 1.87)
 Root Mean Square Error of Approximation (RMSEA) = 0.059
 90 Percent Confidence Interval for RMSEA = (0.049 ; 0.068)
 P-Value for Test of Close Fit (RMSEA < 0.05) = 0.062

Expected Cross-Validation Index (ECVI) = 4.95
 90 Percent Confidence Interval for ECVI = (4.53 ; 5.42)
 ECVI for Saturated Model = 6.24
 ECVI for Independence Model = 21.20

Chi-Square for Independence Model with 435 Degrees of Freedom = 3099.30
 Independence AIC = 3159.30
 Model AIC = 736.85
 Saturated AIC = 930.00
 Independence CAIC = 3279.61
 Model CAIC = 993.53
 Saturated CAIC = 2794.95

Normed Fit Index (NFI) = 0.80
 Non-Normed Fit Index (NNFI) = 0.92
 Parsimony Normed Fit Index (PNFI) = 0.74
 Comparative Fit Index (CFI) = 0.92
 Incremental Fit Index (IFI) = 0.92
 Relative Fit Index (RFI) = 0.79

Critical N (CN) = 115.97

Root Mean Square Residual (RMR) = 0.098
 Standardized RMR = 0.098
 Goodness of Fit Index (GFI) = 0.77
 Adjusted Goodness of Fit Index (AGFI) = 0.73
 Parsimony Goodness of Fit Index (PGFI) = 0.66

The Modification Indices Suggest to Add an Error Covariance

Between	and	Decrease in Chi-Square	New Estimate
SAT2	SAT1	20.0	0.20
SAT4	SAT2	39.0	-1.10
RI3	RI1	11.5	-0.34
PV2	SAT2	8.1	-0.13
PV2	SQ10	9.6	0.23
PV2	PV1	14.0	0.26
PV3	PV2	17.0	0.28
PV6	PV5	30.6	0.36
PV8	PV7	8.6	0.16
PV9	PV8	9.0	0.16
PV10	SAT3	8.9	0.18
PV11	SAT1	10.7	0.18
PV11	PV9	9.0	0.19
PV11	PV10	16.8	0.35

Standardized Solution

LAMBDA-Y

	SAT	RI
SAT1	0.71	-
SAT2	0.72	-
SAT3	0.66	-
SAT4	0.81	-
RI1	-	0.85
RI2	-	0.77
RI3	-	0.74

LAMBDA-X

	SQ	PV
SQ1	0.53	-
SQ2	0.45	-
SQ3	0.39	-
SQ4	0.48	-
SQ5	0.56	-

SQ6	0.63	- -
SQ7	0.42	- -
SQ8	0.50	- -
SQ9	0.31	- -
SQ10	0.49	- -
SQ11	0.69	- -
SQ12	0.51	- -
PV1	- -	0.40
PV2	- -	0.58
PV3	- -	0.53
PV4	- -	0.48
PV5	- -	0.58
PV6	- -	0.60
PV7	- -	0.46
PV8	- -	0.48
PV9	- -	0.39
PV10	- -	0.39
PV11	- -	0.34

BETA

	SAT	RI
SAT	- -	- -
RI	0.86	- -

GAMMA

	SQ	PV
SAT	0.18	0.46
RI	- -	- -

Correlation Matrix of ETA and KSI

	SAT	RI	SQ	PV
SAT	1.00			
RI	0.86	1.00		
SQ	0.21	0.18	1.00	
PV	0.47	0.40	0.07	1.00

PSI

Note: This matrix is diagonal.

	SAT	RI
	0.75	0.26

Regression Matrix ETA on KSI (Standardized)

	SQ	PV
SAT	0.18	0.46
RI	0.15	0.39

Completely Standardized Solution

LAMBDA-Y

	SAT	RI
SAT1	0.73	- -
SAT2	0.78	- -
SAT3	0.72	- -
SAT4	0.84	- -
RI1	- -	0.83
RI2	- -	0.72
RI3	- -	0.72

LAMBDA-X

	SQ	PV
SQ1	0.58	--
SQ2	0.47	--
SQ3	0.42	--
SQ4	0.49	--
SQ5	0.52	--
SQ6	0.57	--
SQ7	0.43	--
SQ8	0.49	--
SQ9	0.32	--
SQ10	0.45	--
SQ11	0.59	--
SQ12	0.51	--
PV1	--	0.41
PV2	--	0.56
PV3	--	0.54
PV4	--	0.54
PV5	--	0.58
PV6	--	0.59
PV7	--	0.52
PV8	--	0.54
PV9	--	0.44
PV10	--	0.34
PV11	--	0.35

BETA

	SAT	RI
SAT	--	--
RI	0.86	--

GAMMA

	SQ	PV
SAT	0.18	0.46
RI	--	--

Correlation Matrix of ETA and KSI

	SAT	RI	SQ	PV
SAT	1.00			
RI	0.86	1.00		
SQ	0.21	0.18	1.00	
PV	0.47	0.40	0.07	1.00

PSI

Note: This matrix is diagonal.

	SAT	RI
	0.75	0.26

THETA-EPS

	SAT1	SAT2	SAT3	SAT4	RI1	RI2
	0.47	0.39	0.48	0.29	0.31	0.48

THETA-EPS

	RI3
	0.48

THETA-DELTA

SQ1	SQ2	SQ3	SQ4	SQ5	SQ6
-----	-----	-----	-----	-----	-----
0.66	0.78	0.83	0.76	0.73	0.68

THETA-DELTA

SQ7	SQ8	SQ9	SQ10	SQ11	SQ12
-----	-----	-----	-----	-----	-----
0.82	0.76	0.90	0.80	0.65	0.74

THETA-DELTA

PV1	PV2	PV3	PV4	PV5	PV6
-----	-----	-----	-----	-----	-----
0.83	0.69	0.71	0.71	0.67	0.66

THETA-DELTA

PV7	PV8	PV9	PV10	PV11
-----	-----	-----	-----	-----
0.73	0.71	0.81	0.89	0.88

Regression Matrix ETA on KSI (Standardized)

	SQ	PV
SAT	0.18	0.46
RI	0.15	0.39

Total and Indirect Effects

Total Effects of KSI on ETA

	SQ	PV
SAT	0.24 (0.11) 2.22	0.81 (0.26) 3.12
RI	0.25 (0.12) 2.13	0.83 (0.25) 3.30

Indirect Effects of KSI on ETA

	SQ	PV
SAT	- -	- -
RI	0.25 (0.12) 2.13	0.83 (0.25) 3.30

Total Effects of ETA on ETA

	SAT	RI
SAT	- -	- -
RI	1.03 (0.13) 7.69	- -

Largest Eigenvalue of B*B' (Stability Index) is 1.061

Total Effects of ETA on Y

	SAT	RI
	-----	-----
SAT1	1.00	- -
SAT2	1.02 (0.11) 8.88	- -
SAT3	0.92 (0.14) 6.68	- -
SAT4	1.15 (0.14) 8.33	- -
RI1	1.03 (0.13) 7.69	1.00
RI2	0.93 (0.14) 6.61	0.90 (0.10) 9.44
RI3	0.89 (0.14) 6.49	0.87 (0.11) 7.83

Indirect Effects of ETA on Y

	SAT	RI
	-----	-----
SAT1	- -	- -
SAT2	- -	- -
SAT3	- -	- -
SAT4	- -	- -
RI1	1.03 (0.13) 7.69	- -
RI2	0.93 (0.14) 6.61	- -
RI3	0.89 (0.14) 6.49	- -

Total Effects of KSI on Y

	SQ	PV
	-----	-----
SAT1	0.24 (0.11) 2.22	0.81 (0.26) 3.12
SAT2	0.24 (0.11) 2.17	0.82 (0.25) 3.30
SAT3	0.22 (0.11) 2.09	0.75 (0.23) 3.21
SAT4	0.28 (0.13)	0.93 (0.29)

	2.12	3.25
RI1	0.25 (0.12) 2.13	0.83 (0.25) 3.30
RI2	0.22 (0.11) 2.13	0.75 (0.24) 3.12
RI3	0.21 (0.10) 2.09	0.72 (0.23) 3.11

Standardized Total and Indirect Effects

Standardized Total Effects of KSI on ETA

	SQ -----	PV -----
SAT	0.18	0.46
RI	0.15	0.39

Standardized Indirect Effects of KSI on ETA

	SQ -----	PV -----
SAT	- -	- -
RI	0.15	0.39

Standardized Total Effects of ETA on ETA

	SAT -----	RI -----
SAT	- -	- -
RI	0.86	- -

Standardized Total Effects of ETA on Y

	SAT -----	RI -----
SAT1	0.71	- -
SAT2	0.72	- -
SAT3	0.66	- -
SAT4	0.81	- -
RI1	0.73	0.85
RI2	0.66	0.77
RI3	0.63	0.74

Completely Standardized Total Effects of ETA on Y

	SAT -----	RI -----
SAT1	0.73	- -
SAT2	0.78	- -
SAT3	0.72	- -
SAT4	0.84	- -
RI1	0.71	0.83
RI2	0.62	0.72
RI3	0.62	0.72

Standardized Indirect Effects of ETA on Y

	SAT -----	RI -----
SAT1	- -	- -
SAT2	- -	- -
SAT3	- -	- -
SAT4	- -	- -

RI1	0.73	--
RI2	0.66	--
RI3	0.63	--

Completely Standardized Indirect Effects of ETA on Y

	SAT	RI
	-----	-----
SAT1	--	--
SAT2	--	--
SAT3	--	--
SAT4	--	--
RI1	0.71	--
RI2	0.62	--
RI3	0.62	--

Standardized Total Effects of KSI on Y

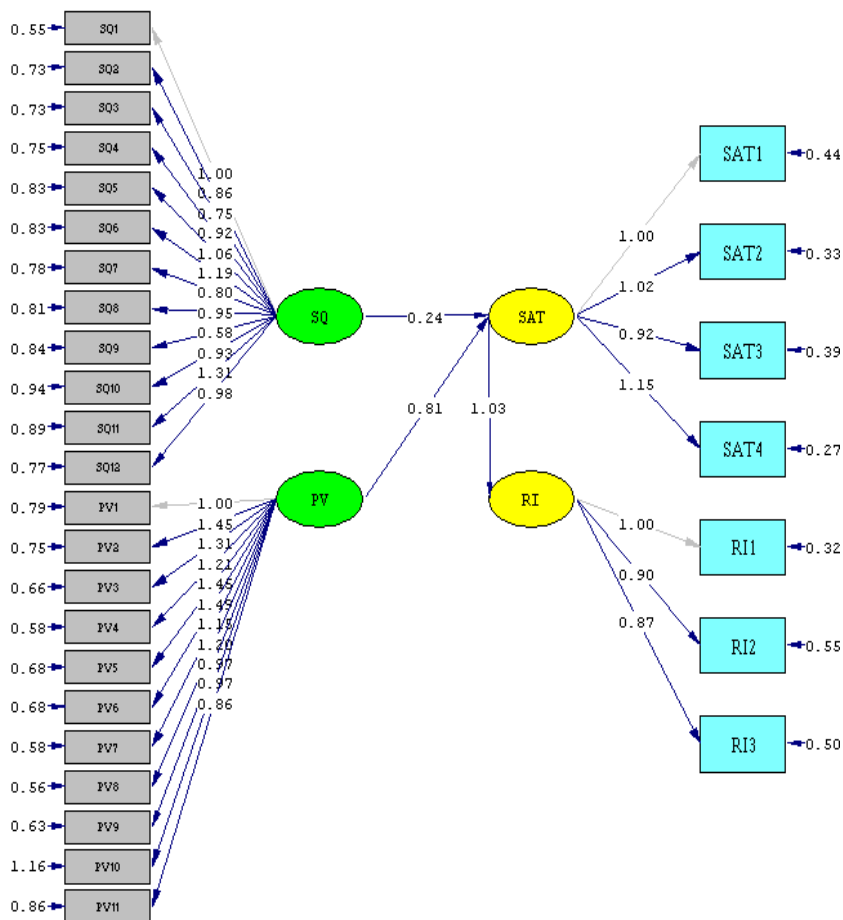
	SQ	PV
	-----	-----
SAT1	0.13	0.32
SAT2	0.13	0.33
SAT3	0.12	0.30
SAT4	0.14	0.37
RI1	0.13	0.33
RI2	0.12	0.30
RI3	0.11	0.29

Completely Standardized Total Effects of KSI on Y

	SQ	PV
	-----	-----
SAT1	0.13	0.33
SAT2	0.14	0.36
SAT3	0.13	0.33
SAT4	0.15	0.38
RI1	0.13	0.33
RI2	0.11	0.28
RI3	0.11	0.28

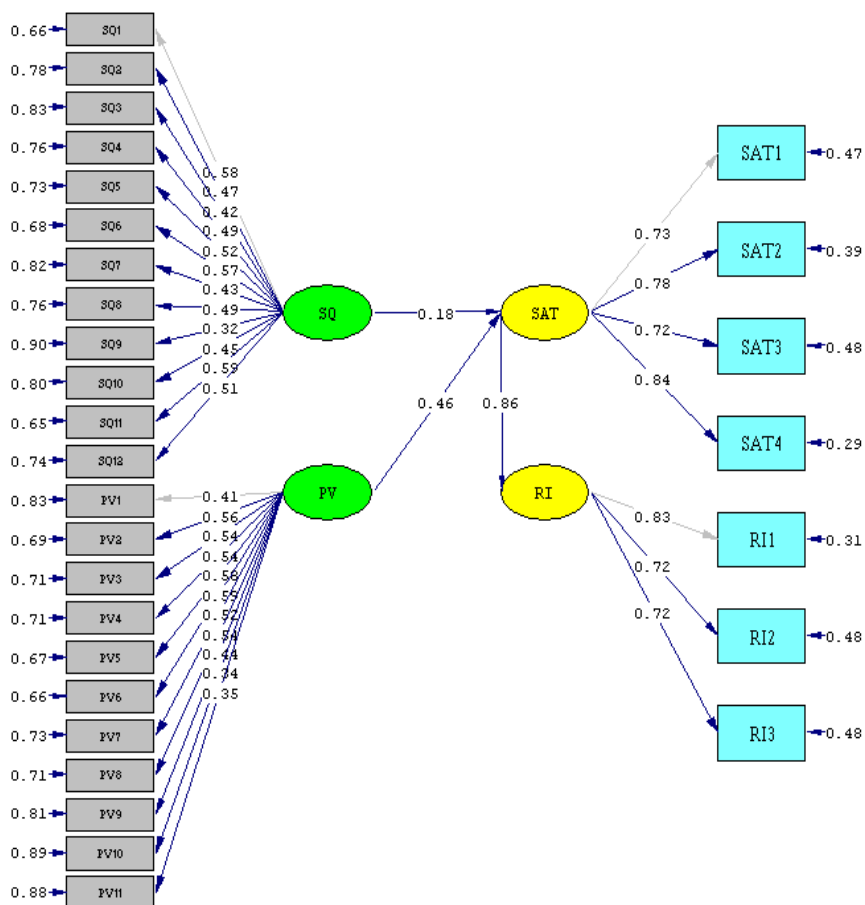
Time used: 14.719 Seconds

ESTIMATES



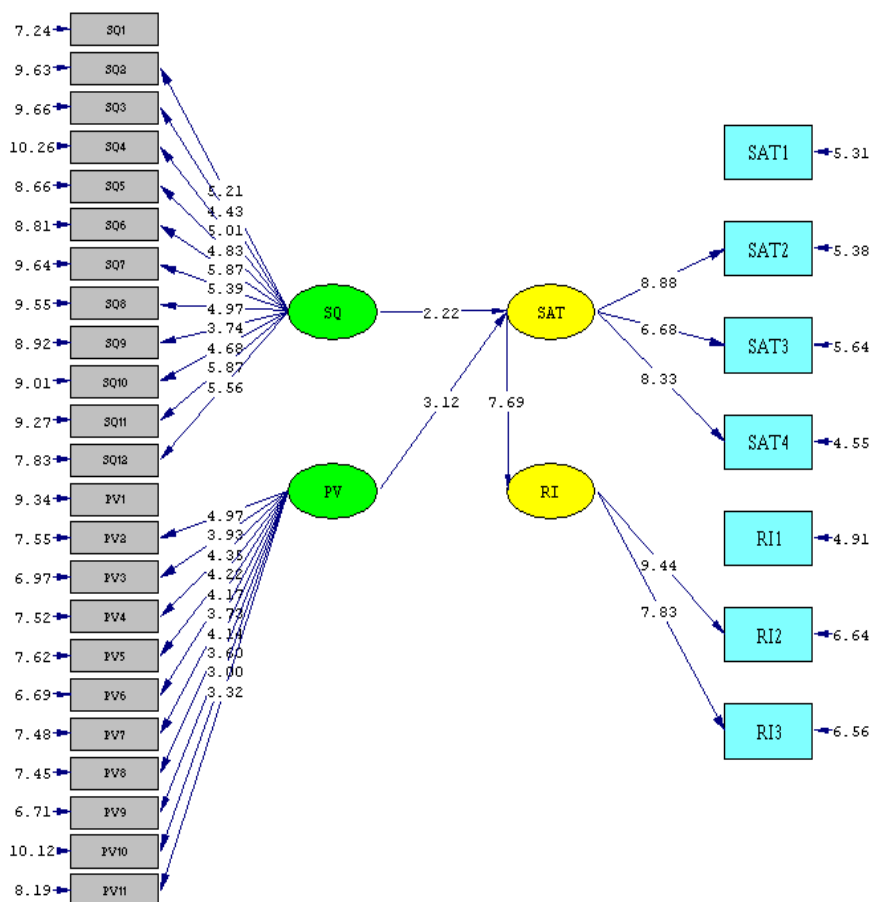
Chi-Square=608.85, df=401, P-value=0.00000, RMSEA=0.059

STANDARDIZED SOLUTION



Chi-Square=608.85, df=401, P-value=0.00000, RMSEA=0.059

T-VALUE



Chi-Square=608.85, df=401, P-value=0.00000, RMSEA=0.059

LAMPIRAN 5:**OUTPUT LISREL SETELAH PENGHAPUSAN INDIKATOR YANG TIDAK VALID**

DATE: 11/22/2014
TIME: 22:08

L I S R E L 8.70

BY

Karl G. Jöreskog & Dag Sörbom

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The following lines were read from file D:\S5\HASIL.sp1:

```

OBSERVED VARIABLES SQ1 SQ2 SQ3 SQ4 SQ5 SQ6 SQ7 SQ8 SQ9 SQ10 SQ11 SQ12 PV1 PV2 PV3 PV4
PV5 PV6 PV7 PV8 PV9 PV10 PV11 SAT1 SAT2 SAT3 SAT4 RI1 RI2 RI3
COVARIANCE MATRIX FROM FILE D:\S5\D1.COV
ASYMPTOTIC COVARIANCE MATRIX FROM FILE D:\S5\D1.ACM
LATENT VARIABLES SQ PV SAT RI
SAMPLE SIZE 150
RELATIONSHIPS
SQ1=1*SQ
SQ5-SQ6=SQ
SQ11-SQ12=SQ
PV2-PV8=PV
SAT1=1*SAT
SAT2-SAT4=SAT
RI1=1*RI
RI2-RI3=RI
SAT=SQ PV
RI=SAT
OPTIONS:SC EF
PATH DIAGRAM: AD OFF
END OF PROGRAM

```

Sample Size = 150

Covariance Matrix

	SAT1	SAT2	SAT3	SAT4	RI1	RI2
SAT1	0.95					
SAT2	0.61	0.85				
SAT3	0.42	0.43	0.83			
SAT4	0.57	0.57	0.57	0.94		
RI1	0.49	0.57	0.49	0.60	1.05	
RI2	0.39	0.41	0.45	0.51	0.68	1.15
RI3	0.36	0.48	0.45	0.56	0.59	0.60
SQ1	-0.01	-0.04	0.00	-0.03	0.00	-0.03
SQ5	0.18	0.09	0.22	0.10	0.02	0.05
SQ6	0.03	0.13	0.23	0.07	0.15	0.20

SQ11	0.10	-0.01	0.08	0.12	0.08	0.14
SQ12	0.11	0.08	0.17	0.17	0.22	0.21
PV2	0.07	-0.04	0.08	0.10	0.09	0.20
PV3	0.11	0.11	0.10	0.17	0.16	0.22
PV4	0.13	0.05	0.20	0.20	0.15	0.18
PV5	0.18	0.13	0.14	0.18	0.20	0.07
PV6	0.21	0.18	0.20	0.19	0.15	0.04
PV7	0.11	0.11	0.15	0.13	0.17	0.11
PV8	0.15	0.07	0.08	0.04	0.15	0.04

Covariance Matrix

	RI3	SQ1	SQ5	SQ6	SQ11	SQ12
RI3	1.05					
SQ1	0.02	0.83				
SQ5	0.08	0.22	1.14			
SQ6	0.21	0.36	0.43	1.22		
SQ11	0.28	0.39	0.37	0.37	1.37	
SQ12	0.16	0.35	0.31	0.25	0.47	1.03
PV2	0.21	0.02	-0.06	0.04	0.09	0.07
PV3	0.19	-0.01	-0.13	-0.02	-0.01	0.06
PV4	0.20	-0.09	0.02	0.07	-0.05	0.00
PV5	0.26	-0.07	0.10	0.09	-0.04	-0.01
PV6	0.10	-0.06	-0.05	-0.04	-0.12	-0.01
PV7	0.19	-0.07	0.00	0.01	0.03	0.03
PV8	0.04	0.02	-0.05	-0.02	-0.06	-0.03

Covariance Matrix

	PV2	PV3	PV4	PV5	PV6	PV7
PV2	1.09					
PV3	0.51	0.94				
PV4	0.31	0.25	0.81			
PV5	0.37	0.26	0.37	1.02		
PV6	0.24	0.27	0.34	0.61	1.04	
PV7	0.25	0.23	0.22	0.17	0.26	0.79
PV8	0.34	0.23	0.16	0.27	0.28	0.34

Covariance Matrix

	PV8
PV8	0.79

Number of Iterations = 18

LISREL Estimates (Robust Maximum Likelihood)

Measurement Equations

SAT1 = 1.00*SAT, Errorvar.= 0.44 , R ² = 0.53 (0.083) 5.29
SAT2 = 1.02*SAT, Errorvar.= 0.33 , R ² = 0.61 (0.11) (0.062) 8.87 5.33
SAT3 = 0.92*SAT, Errorvar.= 0.40 , R ² = 0.52 (0.14) (0.070) 6.68 5.64
SAT4 = 1.15*SAT, Errorvar.= 0.27 , R ² = 0.71 (0.14) (0.061) 8.30 4.46

$$RI1 = 1.00*RI, \text{ Errorvar.} = 0.33, R^2 = 0.69$$

(0.066)	
4.91	

$$RI2 = 0.91*RI, \text{ Errorvar.} = 0.55, R^2 = 0.52$$

(0.096)	(0.083)
9.44	6.63

$$RI3 = 0.87*RI, \text{ Errorvar.} = 0.50, R^2 = 0.52$$

(0.11)	(0.077)
7.79	6.53

$$SQ1 = 1.00*SQ, \text{ Errorvar.} = 0.54, R^2 = 0.34$$

(0.085)	
6.39	

$$SQ5 = 1.02*SQ, \text{ Errorvar.} = 0.84, R^2 = 0.26$$

(0.25)	(0.11)
4.14	7.74

$$SQ6 = 1.11*SQ, \text{ Errorvar.} = 0.88, R^2 = 0.28$$

(0.25)	(0.13)
4.44	6.94

$$SQ11 = 1.35*SQ, \text{ Errorvar.} = 0.86, R^2 = 0.37$$

(0.27)	(0.093)
4.91	9.20

$$SQ12 = 1.13*SQ, \text{ Errorvar.} = 0.67, R^2 = 0.35$$

(0.23)	(0.098)
4.88	6.88

$$PV2 = 0.57*PV, \text{ Errorvar.} = 0.76, R^2 = 0.30$$

(0.087)	(0.096)
6.64	7.87

$$PV3 = 0.50*PV, \text{ Errorvar.} = 0.69, R^2 = 0.27$$

(0.087)	(0.099)
5.72	6.98

$$PV4 = 0.51*PV, \text{ Errorvar.} = 0.56, R^2 = 0.32$$

(0.080)	(0.080)
6.39	6.93

$$PV5 = 0.68*PV, \text{ Errorvar.} = 0.55, R^2 = 0.46$$

(0.082)	(0.085)
8.29	6.47

$$PV6 = 0.67*PV, \text{ Errorvar.} = 0.59, R^2 = 0.44$$

(0.081)	(0.094)
8.28	6.26

$$PV7 = 0.42*PV, \text{ Errorvar.} = 0.62, R^2 = 0.22$$

(0.088)	(0.079)
4.75	7.83

$$PV8 = 0.46*PV, \text{ Errorvar.} = 0.58, R^2 = 0.26$$

(0.076)	(0.081)
6.03	7.19

Structural Equations

$$SAT = 0.29*SQ + 0.24*PV, \text{ Errorvar.} = 0.43, R^2 = 0.16$$

(0.14)	(0.078)	(0.11)
2.08	3.12	3.93

$$RI = 1.02*SAT, \text{ Errorvar.} = 0.20, R^2 = 0.73$$

(0.13)	(0.071)
--------	---------

7.65 2.76

Reduced Form Equations

SAT = 0.29*SQ + 0.24*PV, Errorvar.= 0.43, R² = 0.16
 (0.14) (0.078)
 2.08 3.12

RI = 0.29*SQ + 0.25*PV, Errorvar.= 0.64, R² = 0.11
 (0.15) (0.077)
 1.98 3.23

Covariance Matrix of Independent Variables

	SQ	PV
SQ	0.28 (0.09) 3.04	
PV	-0.02 (0.06) -0.37	1.00

Covariance Matrix of Latent Variables

	SAT	RI	SQ	PV
SAT	0.51			
RI	0.52	0.73		
SQ	0.08	0.08	0.28	
PV	0.24	0.24	-0.02	1.00

Goodness of Fit Statistics

Degrees of Freedom = 148
 Minimum Fit Function Chi-Square = 234.07 (P = 0.00)
 Normal Theory Weighted Least Squares Chi-Square = 228.53 (P = 0.00)
 Satorra-Bentler Scaled Chi-Square = 198.73 (P = 0.0034)
 Chi-Square Corrected for Non-Normality = 18798.16 (P = 0.0)
 Estimated Non-centrality Parameter (NCP) = 50.73
 90 Percent Confidence Interval for NCP = (17.98 ; 91.55)

Minimum Fit Function Value = 1.57
 Population Discrepancy Function Value (F0) = 0.34
 90 Percent Confidence Interval for F0 = (0.12 ; 0.61)
 Root Mean Square Error of Approximation (RMSEA) = 0.048
 90 Percent Confidence Interval for RMSEA = (0.029 ; 0.064)
 P-Value for Test of Close Fit (RMSEA < 0.05) = 0.56

Expected Cross-Validation Index (ECVI) = 1.90
 90 Percent Confidence Interval for ECVI = (1.68 ; 2.17)
 ECVI for Saturated Model = 2.55
 ECVI for Independence Model = 11.63

Chi-Square for Independence Model with 171 Degrees of Freedom = 1694.54

Independence AIC = 1732.54
 Model AIC = 282.73
 Saturated AIC = 380.00
 Independence CAIC = 1808.74
 Model CAIC = 451.17
 Saturated CAIC = 1142.02

Normed Fit Index (NFI) = 0.88
 Non-Normed Fit Index (NNFI) = 0.96
 Parsimony Normed Fit Index (PNFI) = 0.76
 Comparative Fit Index (CFI) = 0.97
 Incremental Fit Index (IFI) = 0.97

Relative Fit Index (RFI) = 0.86

Critical N (CN) = 144.16

Root Mean Square Residual (RMR) = 0.065

Standardized RMR = 0.066

Goodness of Fit Index (GFI) = 0.86

Adjusted Goodness of Fit Index (AGFI) = 0.82

Parsimony Goodness of Fit Index (PGFI) = 0.67

The Modification Indices Suggest to Add an Error Covariance

Between	and	Decrease in Chi-Square	New Estimate
SAT2	SAT1	20.0	0.20
RI3	RI1	11.6	-0.35
PV3	PV2	20.1	-0.32
PV6	PV2	13.2	-0.26
PV6	PV5	23.1	0.33
PV7	PV5	8.6	-0.18
PV8	PV7	12.3	0.20

Standardized Solution

LAMBDA-Y

	SAT	RI
	-----	-----
SAT1	0.71	- -
SAT2	0.72	- -
SAT3	0.65	- -
SAT4	0.82	- -
RI1	- -	0.85
RI2	- -	0.77
RI3	- -	0.74

LAMBDA-X

	SQ	PV
	-----	-----
SQ1	0.53	- -
SQ5	0.54	- -
SQ6	0.59	- -
SQ11	0.71	- -
SQ12	0.60	- -
PV2	- -	0.57
PV3	- -	0.50
PV4	- -	0.51
PV5	- -	0.68
PV6	- -	0.67
PV7	- -	0.42
PV8	- -	0.46

BETA

	SAT	RI
	-----	-----
SAT	- -	- -
RI	0.85	- -

GAMMA

	SQ	PV
	-----	-----
SAT	0.21	0.34
RI	- -	- -

Correlation Matrix of ETA and KSI

	SAT	RI	SQ	PV
	-----	-----	-----	-----

SAT	1.00			
RI	0.85	1.00		
SQ	0.20	0.17	1.00	
PV	0.33	0.28	-0.04	1.00

PSI

Note: This matrix is diagonal.

	SAT	RI
-----	-----	-----
	0.84	0.27

Regression Matrix ETA on KSI (Standardized)

	SQ	PV
-----	-----	-----
SAT	0.21	0.34
RI	0.18	0.29

Completely Standardized Solution

LAMBDA-Y

	SAT	RI
-----	-----	-----
SAT1	0.73	- -
SAT2	0.78	- -
SAT3	0.72	- -
SAT4	0.84	- -
RI1	- -	0.83
RI2	- -	0.72
RI3	- -	0.72

LAMBDA-X

	SQ	PV
-----	-----	-----
SQ1	0.58	- -
SQ5	0.51	- -
SQ6	0.53	- -
SQ11	0.61	- -
SQ12	0.59	- -
PV2	- -	0.55
PV3	- -	0.52
PV4	- -	0.56
PV5	- -	0.68
PV6	- -	0.66
PV7	- -	0.47
PV8	- -	0.51

BETA

	SAT	RI
-----	-----	-----
SAT	- -	- -
RI	0.85	- -

GAMMA

	SQ	PV
-----	-----	-----
SAT	0.21	0.34
RI	- -	- -

Correlation Matrix of ETA and KSI

	SAT	RI	SQ	PV
-----	-----	-----	-----	-----
SAT	1.00			
RI	0.85	1.00		

SQ	0.20	0.17	1.00	
PV	0.33	0.28	-0.04	1.00

PSI

Note: This matrix is diagonal.

SAT	RI
-----	-----
0.84	0.27

THETA-EPS

SAT1	SAT2	SAT3	SAT4	RI1	RI2
-----	-----	-----	-----	-----	-----
0.47	0.39	0.48	0.29	0.31	0.48

THETA-EPS

RI3

0.48

THETA-DELTA

SQ1	SQ5	SQ6	SQ11	SQ12	PV2
-----	-----	-----	-----	-----	-----
0.66	0.74	0.72	0.63	0.65	0.70

THETA-DELTA

PV3	PV4	PV5	PV6	PV7	PV8
-----	-----	-----	-----	-----	-----
0.73	0.68	0.54	0.56	0.78	0.74

Regression Matrix ETA on KSI (Standardized)

	SQ	PV
	-----	-----
SAT	0.21	0.34
RI	0.18	0.29

Total and Indirect Effects

Total Effects of KSI on ETA

	SQ	PV
	-----	-----
SAT	0.29	0.24
	(0.14)	(0.08)
	2.08	3.12
RI	0.29	0.25
	(0.15)	(0.08)
	1.98	3.23

Indirect Effects of KSI on ETA

	SQ	PV
	-----	-----
SAT	- -	- -
RI	0.29	0.25
	(0.15)	(0.08)
	1.98	3.23

Total Effects of ETA on ETA

SAT	RI
-----	----

	-----	-----
SAT	- -	- -
RI	1.02 (0.13) 7.65	- -

Largest Eigenvalue of B*B' (Stability Index) is 1.048

Total Effects of ETA on Y

	SAT	RI
	-----	-----
SAT1	1.00	- -
SAT2	1.02 (0.11) 8.87	- -
SAT3	0.92 (0.14) 6.68	- -
SAT4	1.15 (0.14) 8.30	- -
RI1	1.02 (0.13) 7.65	1.00
RI2	0.93 (0.14) 6.60	0.91 (0.10) 9.44
RI3	0.89 (0.14) 6.46	0.87 (0.11) 7.79

Indirect Effects of ETA on Y

	SAT	RI
	-----	-----
SAT1	- -	- -
SAT2	- -	- -
SAT3	- -	- -
SAT4	- -	- -
RI1	1.02 (0.13) 7.65	- -
RI2	0.93 (0.14) 6.60	- -
RI3	0.89 (0.14) 6.46	- -

Total Effects of KSI on Y

	SQ	PV
	-----	-----
SAT1	0.29 (0.14)	0.24 (0.08)

	2.08	3.12
SAT2	0.29 (0.14) 2.05	0.25 (0.08) 3.20
SAT3	0.26 (0.13) 1.99	0.22 (0.07) 3.26
SAT4	0.33 (0.16) 2.02	0.28 (0.09) 3.18
RI1	0.29 (0.15) 1.98	0.25 (0.08) 3.23
RI2	0.26 (0.14) 1.95	0.22 (0.07) 3.14
RI3	0.25 (0.13) 1.95	0.21 (0.07) 3.05

Standardized Total and Indirect Effects

Standardized Total Effects of KSI on ETA

	SQ	PV
SAT	0.21	0.34
RI	0.18	0.29

Standardized Indirect Effects of KSI on ETA

	SQ	PV
SAT	- -	- -
RI	0.18	0.29

Standardized Total Effects of ETA on ETA

	SAT	RI
SAT	- -	- -
RI	0.85	- -

Standardized Total Effects of ETA on Y

	SAT	RI
SAT1	0.71	- -
SAT2	0.72	- -
SAT3	0.65	- -
SAT4	0.82	- -
RI1	0.73	0.85
RI2	0.66	0.77
RI3	0.63	0.74

Completely Standardized Total Effects of ETA on Y

	SAT	RI
SAT1	0.73	- -
SAT2	0.78	- -
SAT3	0.72	- -
SAT4	0.84	- -

RI1	0.71	0.83
RI2	0.62	0.72
RI3	0.62	0.72

Standardized Indirect Effects of ETA on Y

	SAT	RI
	-----	-----
SAT1	- -	- -
SAT2	- -	- -
SAT3	- -	- -
SAT4	- -	- -
RI1	0.73	- -
RI2	0.66	- -
RI3	0.63	- -

Completely Standardized Indirect Effects of ETA on Y

	SAT	RI
	-----	-----
SAT1	- -	- -
SAT2	- -	- -
SAT3	- -	- -
SAT4	- -	- -
RI1	0.71	- -
RI2	0.62	- -
RI3	0.62	- -

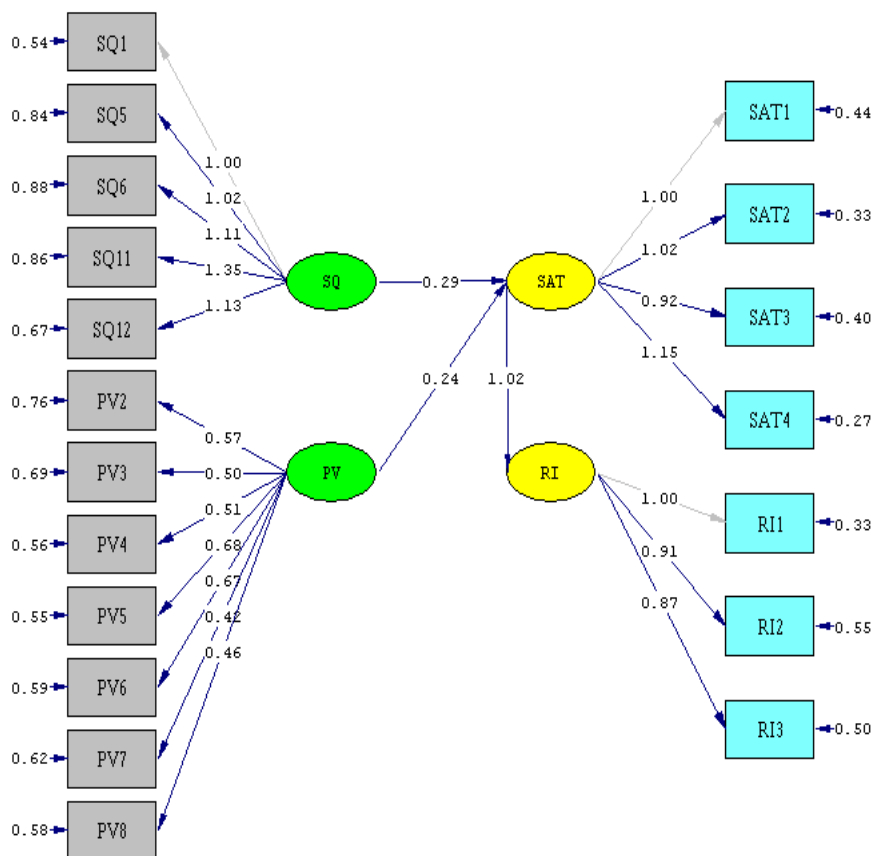
Standardized Total Effects of KSI on Y

	SQ	PV
	-----	-----
SAT1	0.15	0.24
SAT2	0.15	0.25
SAT3	0.14	0.22
SAT4	0.17	0.28
RI1	0.16	0.25
RI2	0.14	0.22
RI3	0.13	0.21

Completely Standardized Total Effects of KSI on Y

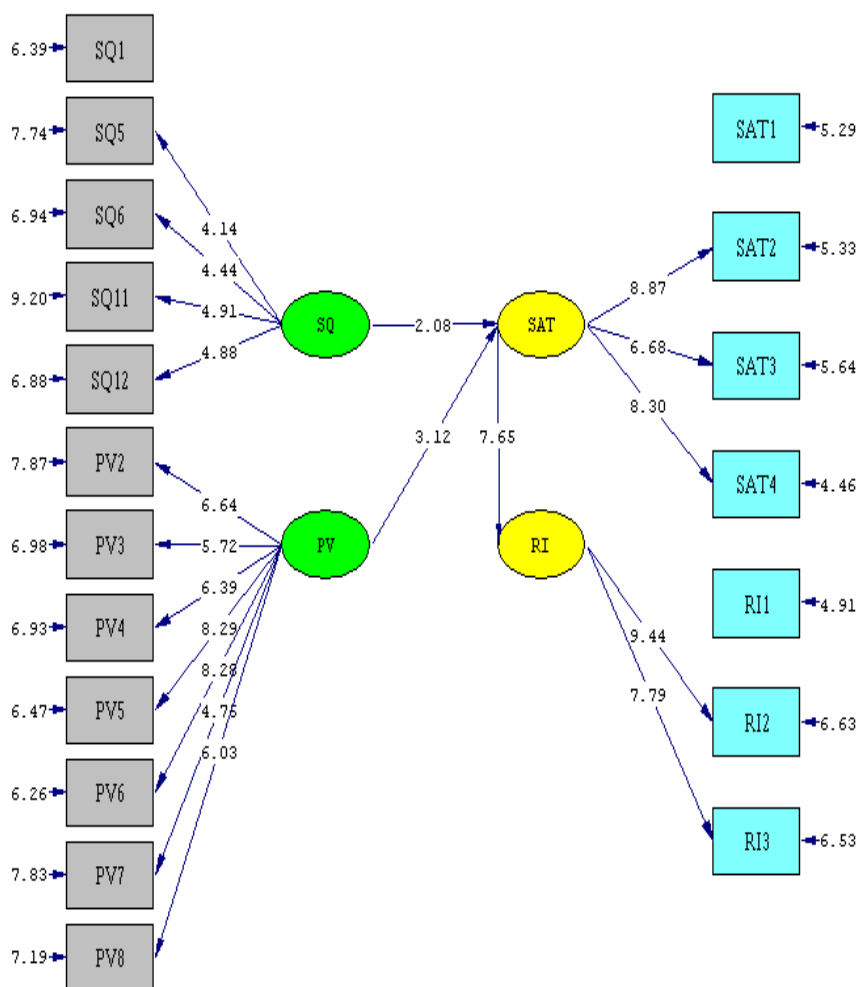
	SQ	PV
	-----	-----
SAT1	0.16	0.25
SAT2	0.17	0.27
SAT3	0.15	0.25
SAT4	0.18	0.29
RI1	0.15	0.24
RI2	0.13	0.21
RI3	0.13	0.21

Time used: 1.266 Seconds



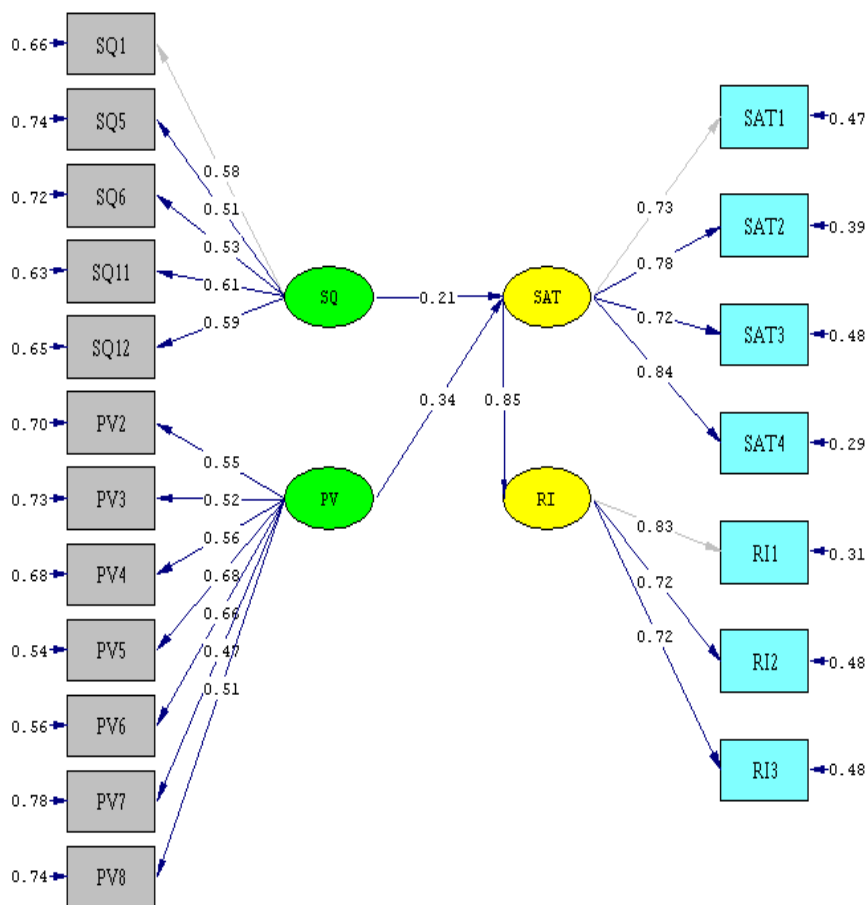
Chi-Square=198.73, df=148, P-value=0.00343, RMSEA=0.048

ESTIMATES



Chi-Square=198.73, df=148, P-value=0.00343, RMSEA=0.048

T-VALUE



Chi-Square=198.73, df=148, P-value=0.00343, RMSEA=0.048

STANDARDIZED SOLUTION