



**LAMPIRAN**

**Lampiran 1**  
**Kuesioner**

**KUESIONER PENELITIAN**

**“PENGARUH KUALITAS PELAYANAN TERHADAP KEPUASAN  
PELANGGAN DAN LOYALITAS PELANGGAN DENGAN HARGA  
SEBAGAI VARIABEL MODERASI”**

( Studi Kasus pada Cuci Motor dan Mobil Donny Steam Jakarta)

Perkenalkan saya Lailatul Mukarromah, mahasiswa Fakultas Ekonomi dan Bisnis Program Studi Manajemen Universitas Esa Unggul Jakarta. Mohon kesediaan Bapak/Ibu/Sdr untuk mengisi kuesioner ini. Kuesioner ini merupakan kuesioner yang penulis susun dalam rangka pelaksanaan penelitian. Jawaban yang Bapak/Ibu/Sdr berikan tidak akan mempengaruhi kedudukan maupun jabatan, mengingat kerahasiaan identitas Bapak/Ibu/Sdr akan kami jaga.

**IDENTITAS RESPONDEN**

Isilah identitas diri saudara dengan keadaan yang sebenarnya :

- a. Jenis Kelamin :
- b. Usia :
- c. Pendidikan :
- d. Pekerjaan :
- e. Tingkat pendapatan :
- f. Berapa kali anda mencuci kendaraan anda dalam 3 bulan terakhir :

**TANGGAPAN RESPONDEN**

**PETUNJUK :**

Isilah semua pertanyaan dalam kuesioner sesuai dengan kenyataan, dengan cara memberikan tanda (√) pada kotak yang telah tersedia.

STS	= Jika <b>Sangat Tidak Setuju</b> dengan pertanyaan
TS	= Jika <b>Tidak Setuju</b> dengan pertanyaan
S	= Jika <b>Setuju</b> dengan pertanyaan
SS	= Jika <b>Sangat Setuju</b> dengan pertanyaan

**Lampiran 1**  
**Kuesioner Pretest (lanjutan)**

Kuesioner

No	Pernyataan	Jawaban Responden			
		Kualitas Pelayanan			
		STS	TS	S	SS
		1	2	3	4
1	Tersedianya tempat tunggu kendaraan yang memadai				
2	Donny Steam memiliki lokasi strategis				
3	Karyawan Donny Steam berpenampilan sopan				
4	Tempat usaha Donny Steam tertata rapih bersih				
5	Karyawan Donny Steam tepat waktu dalam menyelesaikan pekerjaannya				
6	Pegawai Donny Steam dengan tulus membantu pelanggan				
7	Cuci Motor dan Mobil Donny Steam dapat diandalkan				
8	Cuci Motor dan Mobil Donny Steam secara akurat memverifikasi permintaan pelanggan				
9	Cuci Motor dan Mobil Donny Steam menjaga kerahasiaan data-data pelanggan				
10	Cuci Motor dan Mobil Donny Steam tidak memberitahukan pelanggan perihal waktu pelayanan				
11	Para pegawai Cuci Motor dan Mobil Donny Steam tidak melakukan pelayanan dengan cekatan				
12	Para pegawai Cuci Motor dan Mobil Donny Steam tidak selalu bersedia melayani pelanggan				
13	Para pegawai Cuci Motor dan Mobil Donny Steam tidak selalu siap memberikan solusi dalam menanggapi keluhan pelanggan				

**Lampiran 1**  
**Kuesioner Pretest (lanjutan)**

Kuesioner

No	Pernyataan	Jawaban Responden			
		STS	TS	S	SS
		1	2	3	4
14	Saya mempercayai kemampuan pegawai Donny Steam dalam melakukan pekerjaannya				
15	Pelanggan merasa aman dalam melakukan pembayaran di Cuci Motor dan Mobil Donny Steam				
16	Pegawai Cuci Motor dan Mobil Donny Steam bersikap sopan				
17	Cuci Motor dan Mobil Donny Steam bertanggung jawab atas setiap konsekuensi yang di dapat pelanggan				
18	Pegawai Donny Steam tidak mau mendengarkan keluhan pelanggan				
19	Cuci Motor dan Mobil Donny Steam tidak memahami apa yang diinginkan pelanggan				
20	Pegawai Cuci Motor dan Mobil Donny Steam tidak tepat waktu dalam menyelesaikan pekerjaan				
21	Cuci Motor dan Mobil Donny Steam tidak peduli akan konsumennya				
22	Jam operasional Cuci Motor dan Mobil Donny Steam tidak sesuai dengan standar, yang dapat merugikan pelanggan				
No	Pernyataan	Jawaban Responden			
		STS	TS	S	SS
		1	2	3	4
1	Saya senang atas kualitas pada Cuci Motor dan Mobil Donny Steam yang sesuai dengan biaya yang telah dikeluarkan				
2	Saya puas dengan cepat tanggapnya pegawai di Cuci Motor dan Mobil Donny Steam				
3	Saya puas dengan keseluruhan pelayanan yang diberikan oleh Cuci Motor dan Mobil Donny Steam				

**Lampiran 1**  
**Kuesioner Pretest (lanjutan)**

Kuesioner

No	Pernyataan	Jawaban Responden			
		STS	TS	S	SS
		1	2	3	4
	<b>Loyalitas Pelanggan</b>				
1	Saya mempertimbangkan Donny Steam sebagai pilihan pertama untuk mencuci kendaraan saya				
2	Saya tidak akan mencuci kendaraan saya ditempat lain selain di Donny Steam				
3	Dimasa mendatang, saya akan mencuci kendaraan saya kembali di Donny Steam				
4	Apabila teman menawarkan tempat cuci kendaraan yang sama, saya tetap memilih mencuci kendaraan saya di Donny Steam				
5	Saya mengutamakan untuk mencuci kendaraan saya di Donny Steam, walaupun ada produk lain yang lebih dekat dengan tempat saya				
6	Saya tidak akan beralih walaupun ada tempat cuci kendaraan yang lebih murah				
7	Saya akan merekomendasikan tempat cuci kendaraan di Donny Steam kepada teman saya				
8	Saya akan menceritakan hal-hal baik mengenai kualitas pencucian kendaraan di Donny Steam				
9	Saya senang apabila ada teman/orang lain yang juga berlangganan cuci kendaraan di Donny Steam				
No	Pernyataan	Jawaban Responden			
		STS	TS	S	SS
		1	2	3	4
	<b>Harga</b>				
1	Daftar harga yang ditawarkan Cuci Motor dan Mobil Donny Steam terjangkau				
2	Daftar harga yang berada di Cuci Motor dan Mobil Donny Steam tidak lebih mahal dari pesaing				

**Lampiran 1**  
**Kuesioner Pretest (lanjutan)**

Kuesioner

No	Pernyataan	Jawaban Responden			
		STS	TS	S	SS
	Harga	1	2	3	4
3	Cuci Motor dan Mobil Donny Steam memberi diskon pada produk tertentu				
4	Daftar harga Cuci Motor dan Mobil Donny Steam yang ditawarkan sesuai dengan kualitasnya				
5	Saya akan membayar lebih, jika Cuci Motor dan Mobil Donny Steam memiliki manfaat lainnya				
6	Manfaat yang diberikan Cuci Motor dan Mobil Donny Steam sesuai dengan harga yang ditawarkan				

**Lampiran 2**  
**Kodingan Data Pretes**

Res p	KP 1	KP 2	KP 3	KP 4	KP 5	KP 6	KP 7	KP 8	KP 9	KP 10	KP 11	KP 12	KP 13	KP 14	KP 15
1	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3
2	3	3	3	3	3	3	3	3	4	2	3	4	2	3	3
3	3	4	3	3	3	3	3	4	3	3	3	3	4	3	3
4	3	4	3	3	3	3	3	3	3	2	3	3	3	3	3
5	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3
6	4	4	3	3	3	3	4	3	4	3	3	3	3	4	4
7	3	4	3	3	3	3	4	3	3	3	4	4	4	4	4
8	4	4	4	4	4	4	4	4	4	3	4	4	3	3	4
9	4	3	3	3	3	4	4	3	4	1	2	3	3	4	3
10	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
11	3	3	2	2	3	3	4	4	2	2	2	3	2	3	3
12	4	4	3	3	3	3	3	4	3	1	1	2	2	3	3
13	4	3	2	3	2	3	3	3	3	2	2	2	2	3	3
14	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3
15	4	3	3	3	3	3	3	4	4	2	1	2	1	4	3
16	3	3	3	4	3	3	3	2	3	3	3	3	3	4	4
17	4	3	3	3	4	3	3	4	4	1	1	1	1	4	4
18	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3
19	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3
20	3	3	3	3	3	3	3	3	2	2	2	2	2	3	3
21	4	4	4	4	4	4	4	4	4	1	2	1	1	4	4
22	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
23	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3
24	3	3	3	3	3	3	4	4	4	3	3	4	3	3	4
25	4	3	3	3	4	3	3	4	4	1	1	1	1	4	4
26	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3
27	3	4	3	3	3	3	4	3	3	3	3	4	3	3	4
28	3	3	3	3	3	3	4	4	4	3	3	3	4	4	3
29	3	3	4	3	2	3	2	3	2	2	2	2	1	3	4
30	3	3	3	3	3	3	3	3	3	2	2	2	2	3	3

**Lampiran 2**  
**Kodingan Data Pretes (lanjutan)**

Resp	KP16	KP17	KP18	KP19	KP20	KP21	KP22	KEP1	KEP2	KEP3
1	3	3	3	2	3	3	3	4	3	3
2	4	4	3	2	2	3	4	3	3	3
3	3	3	3	4	3	3	4	4	3	4
4	3	3	3	3	3	3	3	3	3	3
5	3	3	2	2	2	2	2	3	3	3
6	3	3	3	3	3	3	3	3	3	3
7	3	3	2	3	3	4	3	3	3	3
8	4	3	4	4	3	4	4	4	4	4
9	3	4	3	3	3	3	3	3	3	3
10	3	3	3	3	3	3	3	3	3	3
11	3	2	2	2	2	4	2	4	4	4
12	3	3	1	2	2	2	2	4	4	3
13	3	3	2	2	2	2	2	3	3	3
14	3	3	2	2	2	2	2	3	3	3
15	3	3	2	2	2	1	2	4	3	3
16	3	3	3	3	3	4	3	3	4	3
17	4	4	1	2	2	2	3	3	3	3
18	3	3	3	3	3	3	3	3	3	3
19	3	3	2	2	2	2	2	3	3	3
20	3	3	2	2	2	2	2	3	3	3
21	4	4	1	1	1	1	1	4	4	4
22	3	3	3	3	3	3	3	3	3	3
23	3	3	3	3	3	3	3	3	3	3
24	3	3	3	4	3	4	3	4	3	4
25	4	4	1	2	2	2	3	3	3	3
26	3	3	3	3	3	3	3	3	3	4
27	3	3	3	3	3	3	3	3	4	4
28	3	4	3	3	3	3	3	4	4	4
29	3	4	2	2	1	2	2	3	2	3
30	3	3	2	2	2	2	2	3	3	3





**Lampiran 3**  
**Output Uji Pretes**

1. Output Validitas dan Reliabilitas Variabel Kualitas Pelayanan Dimensi *Tangible*

**KMO and Bartlett's Test**

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.580
Bartlett's Test of Sphericity	Approx. Chi-Square	22.012
	df	6
	Sig.	.001

**Anti-image Matrices**

		KP1	KP2	KP3	KP4
Anti-image Covariance	KP1	.890	-.136	.079	-.173
	KP2	-.136	.875	-.119	-.046
	KP3	.079	-.119	.531	-.334
	KP4	-.173	-.046	-.334	.509
Anti-image Correlation	KP1	.574 <sup>a</sup>	-.154	.115	-.257
	KP2	-.154	.785 <sup>a</sup>	-.175	-.069
	KP3	.115	-.175	.549 <sup>a</sup>	-.642
	KP4	-.257	-.069	-.642	.558 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

**Component Matrix<sup>a</sup>**

	Component
	1
KP1	.473
KP2	.596
KP3	.822
KP4	.860

Extraction Method:  
Principal Component Analysis.

a. 1 components extracted.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.624	.645	4

## 2. Output Validitas dan Reliabilitas Variabel Kualitas Pelayanan Dimensi *Reliability*

### KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.670
Bartlett's Test of Sphericity	Approx. Chi-Square	22.267
	df	6
	Sig.	.001

### Anti-image Matrices

		KP5	KP6	KP7	KP8
Anti-image Covariance	KP5	.636	-.219	-.062	-.283
	KP6	-.219	.680	-.266	.040
	KP7	-.062	-.266	.719	-.135
	KP8	-.283	.040	-.135	.736
Anti-image Correlation	KP5	.664 <sup>a</sup>	-.333	-.091	-.414
	KP6	-.333	.653 <sup>a</sup>	-.380	.057
	KP7	-.091	-.380	.712 <sup>a</sup>	-.186
	KP8	-.414	.057	-.186	.654 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

### Component Matrix<sup>a</sup>

	Component
	1
KP5	.794
KP6	.739
KP7	.733
KP8	.678

Extraction Method:  
Principal  
Component  
Analysis.

a. 1 components  
extracted.

### Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.698	.718	4

3. Output Validitas dan Reliabilitas Variabel Kualitas Pelayanan Dimensi *Responsiveness*

**KMO and Bartlett's Test**

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.832
Bartlett's Test of Sphericity	Approx. Chi-Square	89.816
	df	10
	Sig.	.000

**Anti-image Matrices**

		KP9	KP10	KP11	KP12	KP13
Anti-image Covariance	KP9	.948	.130	-.021	-.042	-.013
	KP10	.130	.374	-.103	-.017	-.061
	KP11	-.021	-.103	.187	-.116	-.088
	KP12	-.042	-.017	-.116	.267	-.069
	KP13	-.013	-.061	-.088	-.069	.303
Anti-image Correlation	KP9	.240 <sup>a</sup>	.218	-.051	-.082	-.024
	KP10	.218	.869 <sup>a</sup>	-.389	-.055	-.182
	KP11	-.051	-.389	.778 <sup>a</sup>	-.519	-.370
	KP12	-.082	-.055	-.519	.839 <sup>a</sup>	-.242
	KP13	-.024	-.182	-.370	-.242	.884 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

**Component Matrix<sup>a</sup>**

	Component	
	1	2
KP9	-.017	.994
KP10	.864	-.160
KP11	.947	.037
KP12	.908	.092
KP13	.905	.040

Extraction Method: Principal Component Analysis.

a. 2 components extracted.

Output Validitas dan Reliabilitas Variabel Kualitas Pelayanan Dimensi Responsiveness (Iterasi I)

**KMO and Bartlett's Test**

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.842
Bartlett's Test of Sphericity	Approx. Chi-Square	89.499
	df	6
	Sig.	.000

**Anti-image Matrices**

		KP10	KP11	KP12	KP13
Anti-image Covariance	KP10	.393	-.105	-.012	-.062
	KP11	-.105	.187	-.118	-.089
	KP12	-.012	-.118	.269	-.070
	KP13	-.062	-.089	-.070	.303
Anti-image Correlation	KP10	.893 <sup>a</sup>	-.388	-.038	-.181
	KP11	-.388	.777 <sup>a</sup>	-.526	-.372
	KP12	-.038	-.526	.839 <sup>a</sup>	-.245
	KP13	-.181	-.372	-.245	.883 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

**Component Matrix<sup>a</sup>**

	Component
	1
KP10	.864
KP11	.947
KP12	.908
KP13	.906

Extraction Method:  
Principal Component Analysis.

a. 1 components extracted.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.926	.928	4

4. Output Validitas dan Reliabilitas Variabel Kualitas Pelayanan Dimensi Assurance

**KMO and Bartlett's Test**

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.602
Bartlett's Test of Sphericity	Approx. Chi-Square	28.198
	df	6
	Sig.	.000

**Anti-image Matrices**

		KP14	KP15	KP16	KP17
Anti-image Covariance	KP14	.640	-.261	.077	-.251
	KP15	-.261	.674	-.232	.070
	KP16	.077	-.232	.590	-.292
	KP17	-.251	.070	-.292	.560
Anti-image Correlation	KP14	.606 <sup>a</sup>	-.398	.126	-.419
	KP15	-.398	.619 <sup>a</sup>	-.368	.113
	KP16	.126	-.368	.595 <sup>a</sup>	-.507
	KP17	-.419	.113	-.507	.591 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

**Component Matrix<sup>a</sup>**

	Component
	1
KP14	.739
KP15	.718
KP16	.768
KP17	.790

Extraction Method:  
Principal Component Analysis.

a. 1 components extracted.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.742	.747	4

5. Output Validitas dan Reliabilitas Variabel Kualitas Pelayanan Dimensi *Emphaty*

**KMO and Bartlett's Test**

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.905
Bartlett's Test of Sphericity	Approx. Chi-Square	109.439
	df	10
	Sig.	.000

**Anti-image Matrices**

		KP18	KP19	KP20	KP21	KP22
Anti-image Covariance	KP18	.327	-.065	-.080	-.050	-.059
	KP19	-.065	.227	-.099	-.065	-.080
	KP20	-.080	-.099	.243	-.065	-.043
	KP21	-.050	-.065	-.065	.385	-.057
	KP22	-.059	-.080	-.043	-.057	.386
Anti-image Correlation	KP18	.920 <sup>a</sup>	-.239	-.284	-.142	-.167
	KP19	-.239	.871 <sup>a</sup>	-.421	-.221	-.270
	KP20	-.284	-.421	.879 <sup>a</sup>	-.213	-.139
	KP21	-.142	-.221	-.213	.936 <sup>a</sup>	-.149
	KP22	-.167	-.270	-.139	-.149	.934 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

**Component Matrix<sup>a</sup>**

	Component
	1
KP18	.884
KP19	.924
KP20	.916
KP21	.859
KP22	.858

Extraction Method:  
Principal Component Analysis.

a. 1 components extracted.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.930	.933	5

## 6. Output Validitas dan Reliabilitas Variabel Kepuasan Pelanggan

### KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.694
Bartlett's Test of Sphericity	Approx. Chi-Square	22.787
	df	3
	Sig.	.000

### Anti-image Matrices

		KEP1	KEP2	KEP3
Anti-image Covariance	KEP1	.609	-.159	-.263
	KEP2	-.159	.666	-.218
	KEP3	-.263	-.218	.568
Anti-image Correlation	KEP1	.692 <sup>a</sup>	-.251	-.447
	KEP2	-.251	.738 <sup>a</sup>	-.354
	KEP3	-.447	-.354	.663 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

### Component Matrix<sup>a</sup>

	Component
	1
KEP1	.834
KEP2	.805
KEP3	.858

Extraction Method:  
Principal  
Component  
Analysis.

a. 1 components  
extracted.

### Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.777	.779	3



7. Output Validitas dan Reliabilitas Variabel Loyalitas Pelanggan Dimensi *Repeat Patronage*

**KMO and Bartlett's Test**

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.670
Bartlett's Test of Sphericity	Approx. Chi-Square	17.023
	df	3
	Sig.	.001

**Anti-image Matrices**

		LP1	LP2	LP3
Anti-image Covariance	LP1	.684	-.153	-.280
	LP2	-.153	.746	-.224
	LP3	-.280	-.224	.642
Anti-image Correlation	LP1	.667 <sup>a</sup>	-.214	-.423
	LP2	-.214	.720 <sup>a</sup>	-.323
	LP3	-.423	-.323	.639 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

**Component Matrix<sup>a</sup>**

	Component
	1
LP1	.807
LP2	.767
LP3	.838

Extraction Method:  
Principal Component Analysis.

a. 1 components extracted.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.713	.726	3

8. Output Validitas dan Reliabilitas Variabel Loyalitas Pelanggan Dimensi *Switching Behavior*

**KMO and Bartlett's Test**

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.548
Bartlett's Test of Sphericity	Approx. Chi-Square	22.005
	df	3
	Sig.	.000

**Anti-image Matrices**

		LP4	LP5	LP6
Anti-image Covariance	LP4	.740	-.273	.069
	LP5	-.273	.474	-.321
	LP6	.069	-.321	.595
Anti-image Correlation	LP4	.585 <sup>a</sup>	-.460	.103
	LP5	-.460	.530 <sup>a</sup>	-.605
	LP6	.103	-.605	.550 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

**Component Matrix<sup>a</sup>**

	Component
	1
LP4	.696
LP5	.907
LP6	.794

Extraction Method:  
Principal  
Component  
Analysis.

a. 1 components  
extracted.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.721	.719	3

9. Output Validitas dan Reliabilitas Variabel Loyalitas Pelanggan Dimensi *Word of Mouth* (WOM)

**KMO and Bartlett's Test**

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.602
Bartlett's Test of Sphericity	Approx. Chi-Square	26.256
	df	3
	Sig.	.000

**Anti-image Matrices**

		LP7	LP8	LP9
Anti-image Covariance	LP7	.523	.012	-.303
	LP8	.012	.728	-.233
	LP9	-.303	-.233	.433
Anti-image Correlation	LP7	.596 <sup>a</sup>	.019	-.636
	LP8	.019	.696 <sup>a</sup>	-.414
	LP9	-.636	-.414	.565 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

**Component Matrix<sup>a</sup>**

	Component
	1
LP7	.836
LP8	.727
LP9	.909

Extraction Method:  
Principal  
Component  
Analysis.

a. 1 components  
extracted.

**Reliability Statistics**

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.732	.765	3

## 10. Output Validitas dan Reliabilitas Variabel Harga

KMO and Bartlett's Test	
Kaiser-Meyer-Olkin Measure of Sampling Adequacy.	.729
Bartlett's Test of Sphericity	Approx. Chi-Square
	df
	Sig.
	80.104
	15
	.000

Anti-image Matrices							
		HARGA1	HARGA2	HARGA3	HARGA4	HARGA5	HARGA6
Anti-image Covariance	HARGA1	.427	-.005	-.077	-.067	-.057	-.124
	HARGA2	-.005	.577	.055	-.243	-.251	.087
	HARGA3	-.077	.055	.462	-.087	-.091	-.099
	HARGA4	-.067	-.243	-.087	.385	.197	-.139
	HARGA5	-.057	-.251	-.091	.197	.469	-.146
	HARGA6	-.124	.087	-.099	-.139	-.146	.289
Anti-image Correlation	HARGA1	.887 <sup>a</sup>	-.011	-.174	-.165	-.127	-.353
	HARGA2	-.011	.565 <sup>a</sup>	.106	-.516	-.483	.214
	HARGA3	-.174	.106	.881 <sup>a</sup>	-.206	-.196	-.271
	HARGA4	-.165	-.516	-.206	.638 <sup>a</sup>	.463	-.418
	HARGA5	-.127	-.483	-.196	.463	.604 <sup>a</sup>	-.397
	HARGA6	-.353	.214	-.271	-.418	-.397	.759 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

Component Matrix <sup>a</sup>	
	Component
	1
HARGA1	.834
HARGA2	.581
HARGA3	.808
HARGA4	.753
HARGA5	.677
HARGA6	.883

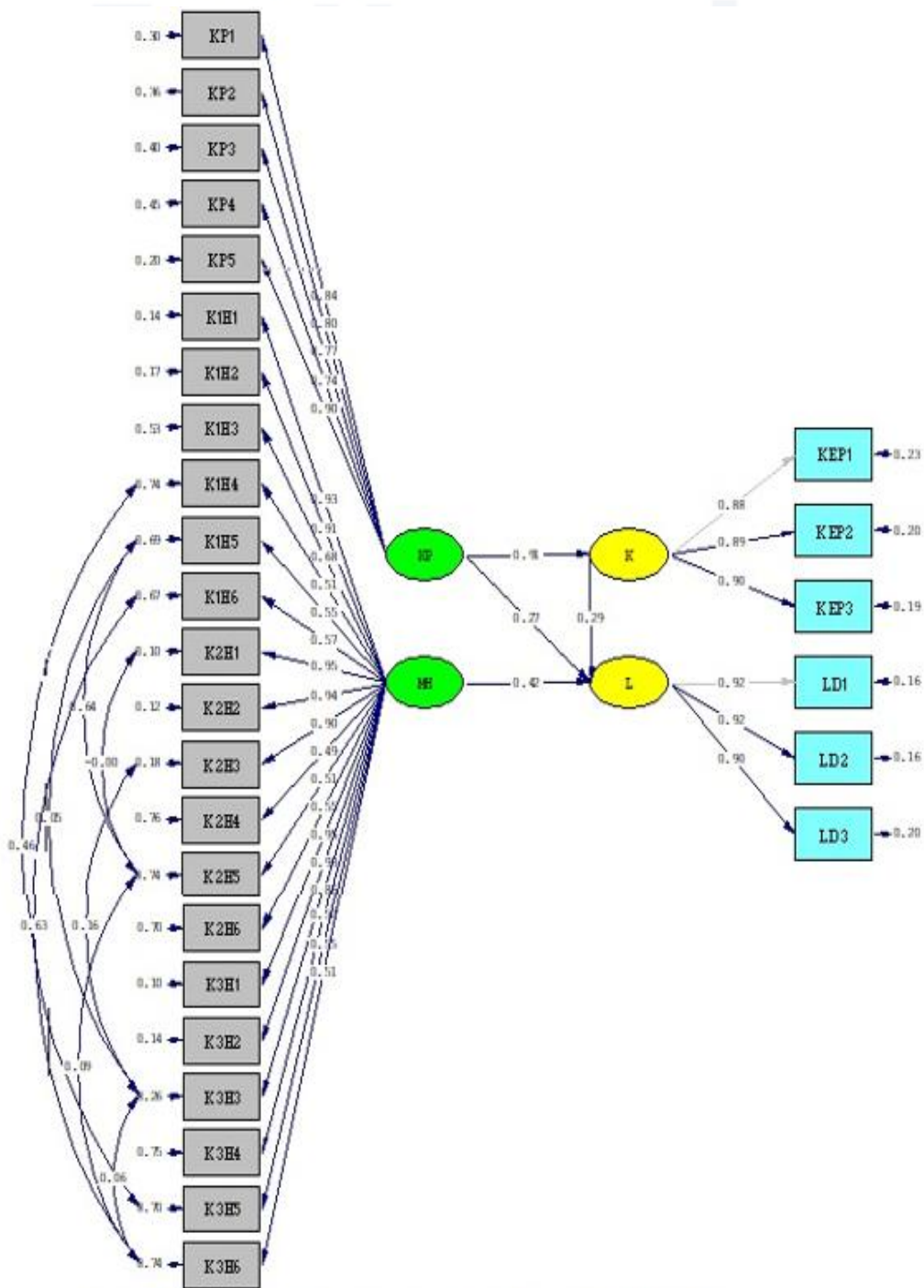
Extraction Method:  
Principal Component  
Analysis.

a. 1 components  
extracted.

### Reliability Statistics

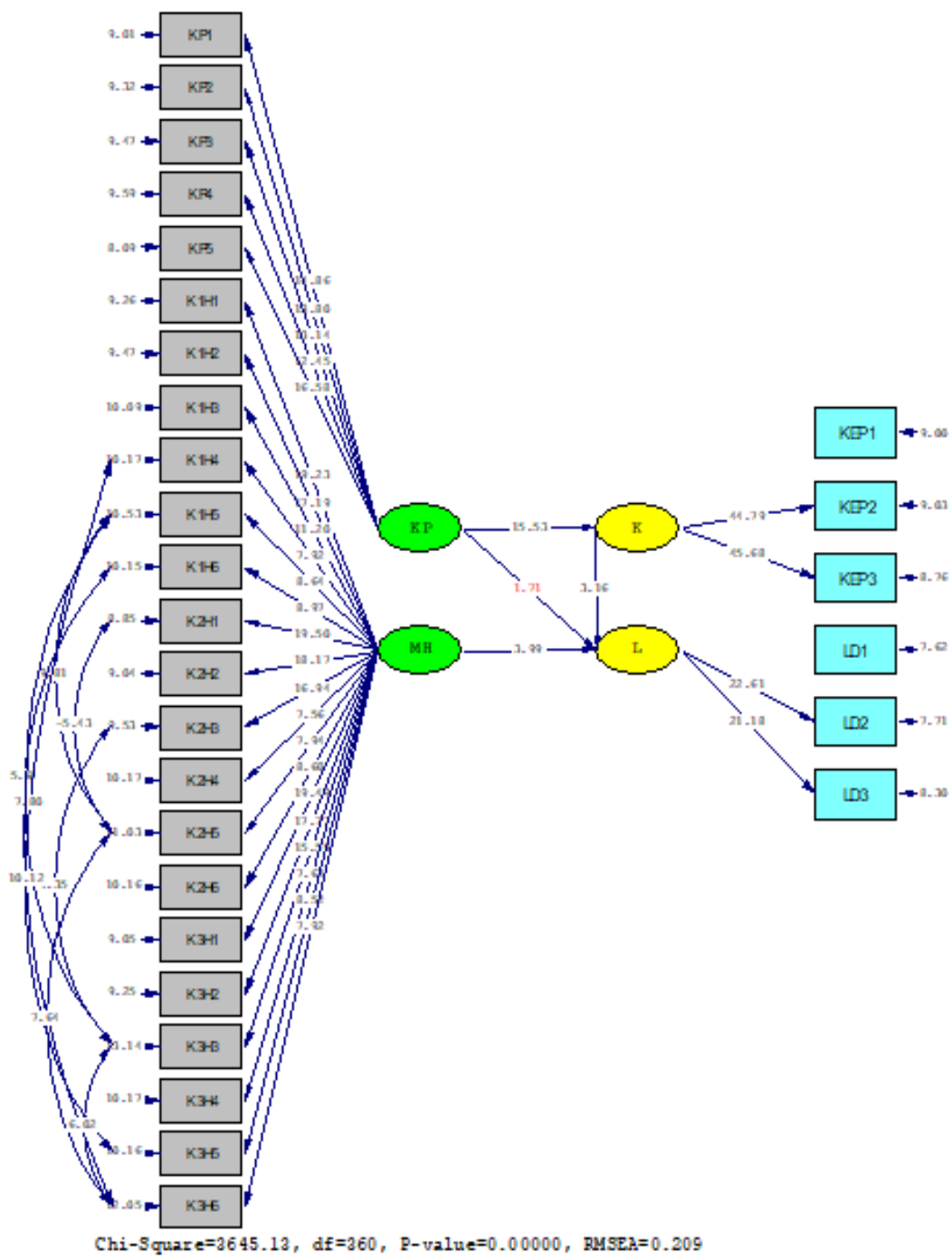
Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.851	.852	6

Lampiran 3  
Output SEM



Chi-Square=3645.13, df=360, P-value=0.00000, RMSEA=0.209

Path Diagram Standardized Solutions



DATE: 3/18/2020

TIME: 16:22

L I S R E L 8.80

BY

Karl G. Jöreskog & Dag Sörbom

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The following lines were read from file  
C:\Users\Hp\Desktop\laila\laibismillah\LAIBISMILLAH.pr2:

RAW DATA FROM FILE LAIBISMILLAH.PSF

LATENT VARIABLES: KP K L MH

RELATIONSHIP

KP1 = KP

KP2 = KP

KP3 = KP

KP4 = KP

KP5 = KP

KEP1 = K

KEP2 = K

KEP3 = K

LD1 = L

LD2 = L

LD3 = L

K1H1 = MH

K1H2 = MH

K1H3 = MH

K1H4 = MH

K1H5 = MH

K1H6 = MH

K2H1 = MH

K2H2 = MH

K2H3 = MH

K2H4 = MH

K2H5 = MH

K2H6 = MH

K3H1 = MH

K3H2 = MH

K3H3 = MH

K3H4 = MH

K3H5 = MH

K3H6 = MH



L = KP K MH  
 K = KP

SET ERROR COVARIANCE OF K1H1 AND KEP1 FREE  
 SET ERROR COVARIANCE OF K2H5 AND K1H5 FREE  
 SET ERROR COVARIANCE OF K3H6 AND K1H6 FREE  
 SET ERROR COVARIANCE OF K3H1 AND KEP1 FREE  
 SET ERROR COVARIANCE OF K3H1 AND KEP3 FREE  
 SET ERROR COVARIANCE OF K2H5 AND K2H1 FREE  
 SET ERROR COVARIANCE OF K3H3 AND K2H3 FREE  
 SET ERROR COVARIANCE OF K3H5 AND K1H4 FREE  
 SET ERROR COVARIANCE OF K3H6 AND K2H5 FREE  
 SET ERROR COVARIANCE OF K2H1 AND KEP2 FREE  
 SET ERROR COVARIANCE OF K3H6 AND K3H3 FREE  
 SET ERROR COVARIANCE OF K3H3 AND K1H5 FREE

OPTIONS SC  
 PATH DIAGRAM  
 END OF PROBLEMS

Sample Size = 210

Covariance Matrix

	KEP1	KEP2	KEP3	LD1	LD2	LD3
KEP1	0.51					
KEP2	0.36	0.41				
KEP3	0.37	0.36	0.44			
LD1	0.54	0.50	0.53	1.00		
LD2	0.56	0.50	0.53	0.87	1.00	
LD3	0.56	0.50	0.51	0.81	0.81	1.00
KP1	0.49	0.45	0.47	0.74	0.70	0.74
KP2	0.47	0.43	0.46	0.67	0.64	0.64
KP3	0.39	0.39	0.41	0.61	0.59	0.63
KP4	0.42	0.38	0.37	0.58	0.54	0.63
KP5	0.53	0.49	0.50	0.77	0.75	0.77
K1H1	2.46	1.89	1.93	2.86	2.92	3.00
K1H2	2.46	1.83	1.94	2.91	2.94	2.97
K1H3	1.97	1.58	1.55	2.43	2.47	2.25
K1H4	1.54	1.02	1.13	1.53	1.73	1.67
K1H5	1.77	1.27	1.31	1.81	1.86	1.77
K1H6	1.68	1.17	1.17	1.76	1.84	1.82
K2H1	2.03	2.16	1.95	2.87	2.89	2.99
K2H2	2.02	2.11	1.95	2.92	2.89	2.94
K2H3	2.01	2.12	1.97	3.05	3.04	3.13
K2H4	1.04	1.18	1.06	1.38	1.54	1.46
K2H5	1.24	1.44	1.24	1.63	1.66	1.56
K2H6	1.17	1.33	1.10	1.59	1.63	1.61
K3H1	2.06	1.94	2.23	2.94	2.93	2.98
K3H2	2.07	1.89	2.22	2.97	2.94	2.93
K3H3	2.05	1.92	2.25	3.11	3.08	3.11



K3H4	1.10	1.02	1.32	1.48	1.63	1.52
K3H5	1.31	1.26	1.53	1.75	1.76	1.63
K3H6	1.23	1.16	1.36	1.69	1.72	1.64

Covariance Matrix

	KP1	KP2	KP3	KP4	KP5	K1H1
KP1	1.00					
KP2	0.73	1.00				
KP3	0.68	0.71	1.00			
KP4	0.67	0.69	0.62	1.00		
KP5	0.73	0.66	0.74	0.68	1.00	
K1H1	2.54	2.41	2.19	2.25	2.88	14.25
K1H2	2.53	2.38	2.24	2.30	3.00	13.10
K1H3	2.09	1.84	1.93	1.74	2.41	10.09
K1H4	1.39	1.37	1.05	1.37	1.67	7.32
K1H5	1.45	1.69	1.20	1.27	1.89	8.43
K1H6	1.49	1.48	1.07	1.27	1.93	8.45
K2H1	2.56	2.44	2.32	2.27	2.87	12.70
K2H2	2.54	2.41	2.35	2.31	2.99	11.58
K2H3	2.66	2.44	2.44	2.24	3.01	11.21
K2H4	1.23	1.23	1.01	1.24	1.49	5.37
K2H5	1.30	1.54	1.18	1.15	1.71	6.42
K2H6	1.33	1.33	1.04	1.15	1.75	6.49
K3H1	2.60	2.50	2.36	2.19	2.89	12.73
K3H2	2.58	2.47	2.39	2.23	3.00	11.64
K3H3	2.70	2.50	2.48	2.16	3.02	11.27
K3H4	1.33	1.34	1.10	1.24	1.54	5.61
K3H5	1.40	1.66	1.27	1.15	1.78	6.67
K3H6	1.41	1.42	1.10	1.12	1.79	6.68

Covariance Matrix

	K1H2	K1H3	K1H4	K1H5	K1H6	K2H1
K1H2	14.40					
K1H3	10.19	15.18				
K1H4	7.38	4.83	13.68			
K1H5	8.41	5.96	11.99	15.44		
K1H6	8.14	6.12	9.99	11.16	13.91	
K2H1	11.39	9.09	5.76	6.99	6.94	13.78
K2H2	12.68	9.22	5.84	6.99	6.66	12.50
K2H3	11.60	9.25	5.67	6.90	6.46	12.23
K2H4	5.28	3.60	11.91	10.28	8.27	6.11
K2H5	6.25	4.61	10.15	13.65	9.37	7.40
K2H6	6.04	4.80	8.23	9.46	12.16	7.30
K3H1	11.64	8.94	6.13	7.13	6.88	12.87
K3H2	12.95	9.03	6.23	7.17	6.62	11.58
K3H3	11.81	9.08	6.02	7.06	6.42	11.35
K3H4	5.71	3.48	12.22	10.41	8.23	5.51
K3H5	6.72	4.50	10.49	13.77	9.32	6.76
K3H6	6.42	4.72	8.52	9.55	12.09	6.64

Covariance Matrix

	K2H2	K2H3	K2H4	K2H5	K2H6	K3H1
--	------	------	------	------	------	------

K2H2	13.63					
K2H3	12.66	14.12				
K2H4	6.05	5.98	12.35			
K2H5	7.27	7.24	10.74	14.33		
K2H6	6.90	6.75	8.72	9.99	12.67	
K3H1	11.77	11.55	5.64	6.65	6.38	13.83
K3H2	12.85	11.88	5.55	6.51	5.96	12.68
K3H3	11.88	13.38	5.50	6.52	5.86	12.48
K3H4	5.59	5.54	11.88	10.05	7.90	6.61
K3H5	6.80	6.80	10.26	13.57	9.11	7.69
K3H6	6.38	6.28	8.23	9.24	11.78	7.35

Covariance Matrix

	K3H2	K3H3	K3H4	K3H5	K3H6
K3H2	13.92				
K3H3	12.91	14.41			
K3H4	6.67	6.59	12.88		
K3H5	7.72	7.71	11.13	14.47	
K3H6	7.05	6.96	8.87	9.93	12.42

Number of Iterations =123

LISREL Estimates (Maximum Likelihood)

Measurement Equations

$$\text{KEP1} = 0.66 * \text{K}, \text{ Errorvar.} = 0.13, R^2 = 0.77$$

(0.015)  
9.00

$$\text{KEP2} = 0.62 * \text{K}, \text{ Errorvar.} = 0.096, R^2 = 0.80$$

(0.014)      (0.011)  
44.79      9.03

$$\text{KEP3} = 0.65 * \text{K}, \text{ Errorvar.} = 0.099, R^2 = 0.81$$

(0.014)      (0.011)  
45.68      8.76

$$\text{LD1} = 0.92 * \text{L}, \text{ Errorvar.} = 0.16, R^2 = 0.84$$

(0.020)  
7.62

$$\text{LD2} = 0.91 * \text{L}, \text{ Errorvar.} = 0.16, R^2 = 0.84$$

(0.040)      (0.021)  
22.61      7.71

$$\text{LD3} = 0.89 * \text{L}, \text{ Errorvar.} = 0.20, R^2 = 0.80$$

(0.042)      (0.024)  
21.18      8.30

KP1 = 0.84\*KP, Errorvar.= 0.30 , R<sup>2</sup> = 0.70  
(0.056) (0.033)  
14.86 9.01

KP2 = 0.80\*KP, Errorvar.= 0.36 , R<sup>2</sup> = 0.64  
(0.058) (0.039)  
13.80 9.32

KP3 = 0.77\*KP, Errorvar.= 0.40 , R<sup>2</sup> = 0.60  
(0.059) (0.042)  
13.14 9.47

KP4 = 0.74\*KP, Errorvar.= 0.45 , R<sup>2</sup> = 0.55  
(0.060) (0.047)  
12.45 9.59

KP5 = 0.90\*KP, Errorvar.= 0.20 , R<sup>2</sup> = 0.80  
(0.054) (0.024)  
16.58 8.09

K1H1 = 3.43\*MH, Errorvar.= 1.87 , R<sup>2</sup> = 0.86  
(0.18) (0.20)  
19.23 9.26

K1H2 = 3.46\*MH, Errorvar.= 2.44 , R<sup>2</sup> = 0.83  
(0.20) (0.26)  
17.19 9.47

K1H3 = 2.66\*MH, Errorvar.= 8.11 , R<sup>2</sup> = 0.47  
(0.24) (0.80)  
11.20 10.09

K1H4 = 1.90\*MH, Errorvar.= 10.07, R<sup>2</sup> = 0.26  
(0.24) (0.99)  
7.92 10.17

K1H5 = 2.19\*MH, Errorvar.= 10.87, R<sup>2</sup> = 0.31  
(0.25) (1.03)  
8.64 10.53

K1H6 = 2.13\*MH, Errorvar.= 9.37 , R<sup>2</sup> = 0.33  
(0.24) (0.92)  
8.97 10.15

K2H1 = 3.48\*MH, Errorvar.= 1.34 , R<sup>2</sup> = 0.90  
(0.18) (0.15)  
19.50 8.85

K2H2 = 3.47\*MH, Errorvar.= 1.57 , R<sup>2</sup> = 0.88  
(0.19) (0.17)  
18.17 9.04

K2H3 = 3.40\*MH, Errorvar.= 2.59 , R<sup>2</sup> = 0.82

(0.20) (0.27)  
16.94 9.53

K2H4 = 1.73\*MH, Errorvar.= 9.35 , R<sup>2</sup> = 0.24

(0.23) (0.92)  
7.56 10.17

K2H5 = 2.03\*MH, Errorvar.= 11.40, R<sup>2</sup> = 0.26

(0.26) (1.03)  
7.94 11.03

K2H6 = 1.96\*MH, Errorvar.= 8.82 , R<sup>2</sup> = 0.30

(0.23) (0.87)  
8.60 10.16

K3H1 = 3.53\*MH, Errorvar.= 1.44 , R<sup>2</sup> = 0.90

(0.18) (0.16)  
19.49 9.05

K3H2 = 3.47\*MH, Errorvar.= 1.91 , R<sup>2</sup> = 0.86

(0.19) (0.21)  
17.77 9.25

K3H3 = 3.39\*MH, Errorvar.= 4.07 , R<sup>2</sup> = 0.74

(0.22) (0.31)  
15.59 13.14

K3H4 = 1.78\*MH, Errorvar.= 9.70 , R<sup>2</sup> = 0.25

(0.23) (0.95)  
7.62 10.17

K3H5 = 2.08\*MH, Errorvar.= 10.14, R<sup>2</sup> = 0.30

(0.24) (1.00)  
8.52 10.16

K3H6 = 2.00\*MH, Errorvar.= 11.13, R<sup>2</sup> = 0.26

(0.25) (0.92)  
7.92 12.05

Error Covariance for K1H1 and KEP1 = 0.48

(0.053)  
9.10

Error Covariance for K2H1 and KEP2 = 0.35

(0.040)  
8.76

Error Covariance for K2H5 and K1H5 = 9.98

(1.02)  
9.81

Error Covariance for K2H5 and K2H1 = -0.03

(0.0064)  
-5.43

Error Covariance for K3H1 and KEP1 = 0.019  
(0.0063)  
3.03

Error Covariance for K3H1 and KEP3 = 0.38  
(0.042)  
9.01

Error Covariance for K3H3 and K1H5 = 0.81  
(0.14)  
5.64

Error Covariance for K3H3 and K2H3 = 2.44  
(0.26)  
9.35

Error Covariance for K3H5 and K1H4 = 6.54  
(0.84)  
7.80

Error Covariance for K3H6 and K1H6 = 9.20  
(0.91)  
10.12

Error Covariance for K3H6 and K2H5 = 1.33  
(0.17)  
7.64

Error Covariance for K3H6 and K3H3 = 0.85  
(0.14)  
6.02

#### Structural Equations

$K = 0.91 * KP$ , Errorvar.= 0.17 ,  $R^2 = 0.83$   
(0.059) (0.024)  
15.53 6.99

$L = 0.29 * K + 0.27 * KP + 0.42 * MH$ , Errorvar.= 0.096 ,  $R^2 = 0.90$   
(0.092) (0.16) (0.11) (0.019)  
3.16 1.71 3.99 4.99

#### Reduced Form Equations

$K = 0.91 * KP + 0.0 * MH$ , Errorvar.= 0.17,  $R^2 = 0.83$   
(0.059)  
15.53

$L = 0.54 * KP + 0.42 * MH$ , Errorvar.= 0.11,  $R^2 = 0.89$   
(0.11) (0.11)  
4.94 3.99

#### Correlation Matrix of Independent Variables

	KP	MH
KP	1.00	
MH	0.93	1.00
	(0.01)	
	74.20	

Covariance Matrix of Latent Variables

	K	L	KP	MH
K	1.00			
L	0.90	1.00		
KP	0.91	0.93	1.00	
MH	0.84	0.92	0.93	1.00

Goodness of Fit Statistics

Degrees of Freedom = 360

Minimum Fit Function Chi-Square = 9929.33 (P = 0.0)

Normal Theory Weighted Least Squares Chi-Square = 3645.13 (P = 0.0)

Estimated Non-centrality Parameter (NCP) = 3285.13

90 Percent Confidence Interval for NCP = (3095.08 ; 3482.52)

Minimum Fit Function Value = 47.51

Population Discrepancy Function Value (F0) = 15.72

90 Percent Confidence Interval for F0 = (14.81 ; 16.66)

Root Mean Square Error of Approximation (RMSEA) = 0.21

90 Percent Confidence Interval for RMSEA = (0.20 ; 0.22)

P-Value for Test of Close Fit (RMSEA < 0.05) = 0.00

Expected Cross-Validation Index (ECVI) = 18.16

90 Percent Confidence Interval for ECVI = (17.25 ; 19.10)

ECVI for Saturated Model = 4.16

ECVI for Independence Model = 163.60

Chi-Square for Independence Model with 406 Degrees of Freedom = 34134.89

Independence AIC = 34192.89

Model AIC = 3795.13

Saturated AIC = 870.00

Independence CAIC = 34318.96

Model CAIC = 4121.16

Saturated CAIC = 2760.99

Normed Fit Index (NFI) = 0.71

Non-Normed Fit Index (NNFI) = 0.68

Parsimony Normed Fit Index (PNFI) = 0.63

Comparative Fit Index (CFI) = 0.72

Incremental Fit Index (IFI) = 0.72

Relative Fit Index (RFI) = 0.67

Critical N (CN) = 9.95

Root Mean Square Residual (RMR) = 1.82

Standardized RMR = 0.14

Goodness of Fit Index (GFI) = 0.45  
 Adjusted Goodness of Fit Index (AGFI) = 0.34  
 Parsimony Goodness of Fit Index (PGFI) = 0.38

The Modification Indices Suggest to Add the

Path to	from	Decrease in Chi-Square	New Estimate
KEP1	L	10.5	0.09
KEP2	L	8.1	-0.05
KP3	MH	8.2	-0.43
K1H1	KP	12.3	-0.44
K	L	39.5	2.10
K	MH	39.5	0.88

The Modification Indices Suggest to Add an Error Covariance

Between	and	Decrease in Chi-Square	New Estimate
KEP3	KEP1	15.3	-0.01
KEP3	KEP2	15.7	0.01
LD2	LD1	13.9	0.07
KP2	KP1	10.3	0.08
KP3	KP2	14.0	0.11
KP4	KP2	14.9	0.12
KP5	KP2	15.4	-0.09
K1H3	K1H2	11.4	1.09
K1H4	K1H2	19.9	1.21
K1H5	K1H2	9.6	0.14
K1H6	KEP1	17.9	0.01
K1H6	KEP3	13.4	-0.01
K1H6	K1H1	12.9	-0.04
K1H6	K1H5	58.4	1.58
K2H1	KEP3	9.4	-0.03
K2H2	K1H2	31.4	0.85
K2H3	K1H5	31.3	-0.76
K2H3	K2H2	16.8	0.15
K2H4	K1H4	71.8	4.35
K2H5	KEP3	9.0	-0.01
K2H5	K1H1	8.0	-0.04
K2H5	K1H2	8.8	-0.13
K2H5	K1H6	17.1	-1.20
K2H5	K2H3	27.9	0.65
K2H6	K2H4	72.6	5.38
K3H1	K1H5	10.3	-0.04
K3H1	K1H6	10.9	0.03
K3H1	K2H1	10.8	0.11
K3H1	K2H3	11.9	-0.04
K3H1	K2H5	10.7	0.04
K3H2	K1H2	51.0	1.18
K3H2	K1H4	9.6	-0.75
K3H2	K2H2	61.5	1.07
K3H2	K2H6	9.8	-0.94
K3H3	K1H6	12.1	-0.89
K3H3	K3H1	12.6	0.04
K3H4	K1H4	60.7	4.07
K3H4	K2H4	180.0	8.88
K3H4	K2H6	47.9	4.45
K3H5	KP4	7.9	-0.33
K3H5	K1H2	15.9	-1.09
K3H5	K2H6	17.9	2.12
K3H5	K3H2	11.2	0.82



K3H5	K3H4	10.4	1.69
K3H6	KEP1	17.1	-0.01
K3H6	KEP3	12.5	0.01
K3H6	K1H1	13.1	0.04
K3H6	K1H5	8.6	-0.87
K3H6	K3H1	10.7	-0.03

Standardized Solution

LAMBDA-Y

	K	L
	-----	-----
KEP1	0.66	--
KEP2	0.62	--
KEP3	0.65	--
LD1	--	0.92
LD2	--	0.91
LD3	--	0.89

LAMBDA-X

	KP	MH
	-----	-----
KP1	0.84	--
KP2	0.80	--
KP3	0.77	--
KP4	0.74	--
KP5	0.90	--
K1H1	--	3.43
K1H2	--	3.46
K1H3	--	2.66
K1H4	--	1.90
K1H5	--	2.19
K1H6	--	2.13
K2H1	--	3.48
K2H2	--	3.47
K2H3	--	3.40
K2H4	--	1.73
K2H5	--	2.03
K2H6	--	1.96
K3H1	--	3.53
K3H2	--	3.47
K3H3	--	3.39
K3H4	--	1.78
K3H5	--	2.08
K3H6	--	2.00

BETA

	K	L
	-----	-----
K	--	--
L	0.29	--

GAMMA



	KP	MH
K	0.91	--
L	0.27	0.42

Correlation Matrix of ETA and KSI

	K	L	KP	MH
K	1.00			
L	0.90	1.00		
KP	0.91	0.93	1.00	
MH	0.84	0.92	0.93	1.00

PSI

Note: This matrix is diagonal.

	K	L
	0.17	0.10

Regression Matrix ETA on KSI (Standardized)

	KP	MH
K	0.91	--
L	0.54	0.42

Completely Standardized Solution

LAMBDA-Y

	K	L
KEP1	0.88	--
KEP2	0.89	--
KEP3	0.90	--
LD1	--	0.92
LD2	--	0.92
LD3	--	0.90

LAMBDA-X

	KP	MH
KP1	0.84	--
KP2	0.80	--
KP3	0.77	--
KP4	0.74	--
KP5	0.90	--
K1H1	--	0.93
K1H2	--	0.91
K1H3	--	0.68
K1H4	--	0.51
K1H5	--	0.55

K1H6	--	0.57
K2H1	--	0.95
K2H2	--	0.94
K2H3	--	0.90
K2H4	--	0.49
K2H5	--	0.51
K2H6	--	0.55
K3H1	--	0.95
K3H2	--	0.93
K3H3	--	0.86
K3H4	--	0.50
K3H5	--	0.55
K3H6	--	0.51

BETA

	K	L
	-----	-----
K	--	--
L	0.29	--

GAMMA

	KP	MH
	-----	-----
K	0.91	--
L	0.27	0.42

Correlation Matrix of ETA and KSI

	K	L	KP	MH
	-----	-----	-----	-----
K	1.00			
L	0.90	1.00		
KP	0.91	0.93	1.00	
MH	0.84	0.92	0.93	1.00

PSI

Note: This matrix is diagonal.

	K	L
	-----	-----
	0.17	0.10

THETA-EPS

	KEP1	KEP2	KEP3	LD1	LD2	LD3
	-----	-----	-----	-----	-----	-----
	0.23	0.20	0.19	0.16	0.16	0.20

THETA-DELTA-EPS

	KEP1	KEP2	KEP3	LD1	LD2	LD3
	-----	-----	-----	-----	-----	-----
KP1	--	--	--	--	--	--
KP2	--	--	--	--	--	--
KP3	--	--	--	--	--	--
KP4	--	--	--	--	--	--

KP5	--	--	--	--	--	--
K1H1	0.18	--	--	--	--	--
K1H2	--	--	--	--	--	--
K1H3	--	--	--	--	--	--
K1H4	--	--	--	--	--	--
K1H5	--	--	--	--	--	--
K1H6	--	--	--	--	--	--
K2H1	--	0.14	--	--	--	--
K2H2	--	--	--	--	--	--
K2H3	--	--	--	--	--	--
K2H4	--	--	--	--	--	--
K2H5	--	--	--	--	--	--
K2H6	--	--	--	--	--	--
K3H1	0.01	--	0.14	--	--	--
K3H2	--	--	--	--	--	--
K3H3	--	--	--	--	--	--
K3H4	--	--	--	--	--	--
K3H5	--	--	--	--	--	--
K3H6	--	--	--	--	--	--

THETA-DELTA

	KP1	KP2	KP3	KP4	KP5	K1H1
KP1	0.30	--	--	--	--	--
KP2	--	0.36	--	--	--	--
KP3	--	--	0.40	--	--	--
KP4	--	--	--	0.45	--	--
KP5	--	--	--	--	0.20	--
K1H1	--	--	--	--	--	0.14
K1H2	--	--	--	--	--	--
K1H3	--	--	--	--	--	--
K1H4	--	--	--	--	--	--
K1H5	--	--	--	--	--	--
K1H6	--	--	--	--	--	--
K2H1	--	--	--	--	--	--
K2H2	--	--	--	--	--	--
K2H3	--	--	--	--	--	--
K2H4	--	--	--	--	--	--
K2H5	--	--	--	--	--	--
K2H6	--	--	--	--	--	--
K3H1	--	--	--	--	--	--
K3H2	--	--	--	--	--	--
K3H3	--	--	--	--	--	--
K3H4	--	--	--	--	--	--
K3H5	--	--	--	--	--	--
K3H6	--	--	--	--	--	--

THETA-DELTA

	K1H2	K1H3	K1H4	K1H5	K1H6	K2H1
K1H2	0.17	--	--	--	--	--
K1H3	--	0.53	--	--	--	--
K1H4	--	--	0.74	--	--	--
K1H5	--	--	--	0.69	--	--
K1H6	--	--	--	--	0.67	--
K2H1	--	--	--	--	--	0.10

K2H2	--	--	--	--	--	--
K2H3	--	--	--	--	--	--
K2H4	--	--	--	--	--	--
K2H5	--	--	--	0.64	--	0.00
K2H6	--	--	--	--	--	--
K3H1	--	--	--	--	--	--
K3H2	--	--	--	--	--	--
K3H3	--	--	--	0.05	--	--
K3H4	--	--	--	--	--	--
K3H5	--	--	0.46	--	--	--
K3H6	--	--	--	--	0.63	--

THETA-DELTA

	K2H2	K2H3	K2H4	K2H5	K2H6	K3H1
K2H2	0.12					
K2H3	--	0.18				
K2H4	--	--	0.76			
K2H5	--	--	--	0.74		
K2H6	--	--	--	--	0.70	
K3H1	--	--	--	--	--	0.10
K3H2	--	--	--	--	--	--
K3H3	--	0.16	--	--	--	--
K3H4	--	--	--	--	--	--
K3H5	--	--	--	--	--	--
K3H6	--	--	--	0.09	--	--

THETA-DELTA

	K3H2	K3H3	K3H4	K3H5	K3H6
K3H2	0.14				
K3H3	--	0.26			
K3H4	--	--	0.75		
K3H5	--	--	--	0.70	
K3H6	--	0.06	--	--	0.74

Regression Matrix ETA on KSI (Standardized)

	KP	MH
K	0.91	--
L	0.54	0.42

Time used: 0.344 Seconds