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## KUESIONER PENELITIAN DISERTASI



# **PERAN PENGENDALIAN INTERNAL TERHADAP GOOD GOVERNANCE PADA PERGURUAN TINGGI NEGERI**

**PROGRAM ILMU EKONOMI PASCASARJANA**

**UNIVERSITAS HASANUDDIN**

**MAKASSAR**

**2018**

Optimization Software:  
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## KUESIONER PENELITIAN DISERTASI

### **Peran Pengendalian Internal Terhadap Good Governance Pada Perguruan Tinggi Negeri.**

Kepada Yth:

Bapak/Ibu/Sdr(i)....

Dengan hormat,

Sehubungan dengan penelitian yang saya lakukan mengenai presepsi orang mengenai peran pengendalian internal terhadap *good governance* pada perguruan tinggi negeri, dengan ini saya mohon kesediaan Bapak/Ibu/Sdr(i) untuk mengisi kuesioner terlampir.

Penelitian ini semata-mata dilakukan untuk kegiatan ilmiah dalam rangka penyusunan disertasi untuk memperoleh gelar Doktor (S3) pada Program Ilmu Ekonomi Pascasarjana Universitas Hasanuddin Makassar.

Data-data yang Bapak/Ibu/Sdr(i) berikan dijamin kerahasiaannya dan digunakan semata-mata untuk kepentingan ilmiah. Atas kesediaan Bapak/Ibu/Sdr(i) yang telah meluangkan waktunya untuk mengisi kuesioner ini, saya ucapan terimakasih.

Hormat saya,

Riny Jefri

Mahasiswa Program Doktor

Pascasarjana UNHAS



## PETUNJUK PENGISIAN

1. Pernyataan kuesioner ini mengenai Presepsi anda mengenai Perguruan Tinggi Negeri (PTN) tempat anda beraktivitas, yang kemudian disebut sebagai organisasi dalam tiap pernyataan.
2. Mohon memberi tanda silang (X) pada jawaban yang Bapak/Ibu/Sdr(i) anggap paling sesuai
3. Keterangan alternatif jawaban:

SS : apabila anda merasa Sangat Setuju  
 S : apabila anda merasa Setuju  
 KS : apabila anda merasa Kurang Setuju  
 TS : apabila anda merasa Tidak Setuju  
 STS : apabila anda merasa Sangat Tidak Setuju

## IDENTITAS RESPONDEN

1. Nama: .....(Boleh tidak di isi)
2. Umur:  < 30 tahun  31-39 tahun  40-49 tahun  >50 tahun
3. Pendidikan Terakhir:  SMU/SMA/SMK  S1  S2  S3
4. Jenis Kelamin:  Pria  Wanita
5. Lama Bekerja/Studi:  < 2 tahun  2-5 tahun  5-10 tahun  >10 tahun
6. Unit Kerja/Progam Studi: .....
7. Jenis Pekerjaan:
  - Dosen:
    1. Status Pegawai:  PNS  Non PNS
    2. Menjabat di Struktural:  Ya  Tidak
  - Staff:
    1. Status Pegawai:  PNS  Non PNS
    2. Posisi: .....
  - Mahasiswa

No	PERNYATAAN	RESPON				
		SS	S	KS	TS	STS
<b>Komitmen Organisasi</b>						
1	Kesuksesan organisasi itu penting.	<input type="checkbox"/>				
2	Setiap orang dalam organisasi bersedia melakukan tupoksi (tugas pokok) masing-masing	<input type="checkbox"/>				
3	Setiap orang dalam organisasi tidak akan resign dari organisasinya.	<input type="checkbox"/>				
4	Setiap orang dalam organisasi melaksanakan tupoksinya dengan maksimal.	<input type="checkbox"/>				
5	Setiap orang dalam organisasi berkewajiban medukung pencapaian tujuan organisasi.	<input type="checkbox"/>				
6	Setiap orang dalam organisasi berkewajiban melakukan yang baik.	<input type="checkbox"/>				
<b>Budaya Organisasi</b>						
	Organisasi beradaptasi dengan cepat terhadap perubahan yang terjadi.	<input type="checkbox"/>				
	Organisasi terus-menerus mencari solusi dan adaptasi baru yang lebih baik untuk melakukan kegiatannya.	<input type="checkbox"/>				



No	PERNYATAAN	SS	S	KS	TS	STS
9	Saran <i>stakeholder</i> sering kali membuat perubahan dalam Organisasi.	<input type="checkbox"/>				
10	Organisasi memandang kegagalan sebagai proses pembelajaran.	<input type="checkbox"/>				
11	Belajar adalah tujuan penting dalam kehidupan organisasi.	<input type="checkbox"/>				
12	Sebagian besar orang dalam organisasi terlibat dalam pekerjaan mereka.	<input type="checkbox"/>				
13	Setiap orang dalam organisasi memberikan dampak positif.	<input type="checkbox"/>				
14	Organisasi mempertimbangkan koordinasi dan kontrol horizontal untuk menyelesaikan pekerjaan.	<input type="checkbox"/>				
15	Kerjasama lintas bagian dalam organisasi didorong secara aktif.	<input type="checkbox"/>				
16	Organisasi selalu mendelegasikan wewenang agar dapat bertindak mandiri.	<input type="checkbox"/>				
17	Organisasi terus berinovasi dalam pengembangan keterampilan.	<input type="checkbox"/>				
18	Kebijakan organisasi untuk melakukan pengembangan sangat konsisten.	<input type="checkbox"/>				
19	Kebijakan organisasi untuk melakukan pengembangan dapat diprediksi.	<input type="checkbox"/>				
20	Setiap unit dalam organisasi memiliki perspektif yang sama.	<input type="checkbox"/>				
21	Mencari solusi yang terbaik ketika terjadi perselisihan.	<input type="checkbox"/>				
22	Organisasi melaksanakan sesuatu berdasarkan Standard Operating Procedure (SOP).	<input type="checkbox"/>				
23	Organisasi memiliki tujuan dan arah strategis jangka panjang.	<input type="checkbox"/>				
24	Pemimpin organisasi menetapkan tujuan yang secara realistik.	<input type="checkbox"/>				
25	Setiap orang memiliki visi yang sama dalam organisasi.	<input type="checkbox"/>				
26	Semua orang memahami cara menyukseskan organisasi dalam jangka panjang.	<input type="checkbox"/>				
<b>Kompetensi Sumber Daya Manusia</b>						
27	Setiap orang dalam organisasi memiliki pengetahuan yang memadai untuk tanggung jawabnya.	<input type="checkbox"/>				
	Setiap orang mengetahui kegiatan organisasi yang berkaitan dengan tanggung jawabnya.	<input type="checkbox"/>				
	Setiap orang dalam organisasi memiliki kemampuan teknologi dasar dengan baik.	<input type="checkbox"/>				



No	PERNYATAAN	SS	S	KS	TS	STS
30	Organisasi menyelesaikan setiap masalah dengan bijaksana.	<input type="checkbox"/>				
31	Organisasi sering melakukan pelatihan untuk meningkatkan keahlian.	<input type="checkbox"/>				
32	Organisasi selalu menjaga komunikasi antar unit.	<input type="checkbox"/>				
33	Organisasi melaksanakan aktivitas yang bertanggung jawab kepada publik.	<input type="checkbox"/>				
34	Aturan yang berlaku di organisasi selalu dipatuhi.	<input type="checkbox"/>				
<b>Pengendalian Internal</b>						
35	Pimpinan organisasi mendorong terciptanya budaya nilai-nilai integritas.	<input type="checkbox"/>				
36	Pimpinan organisasi memiliki sikap yang responsif terhadap pencapaian good governance.	<input type="checkbox"/>				
37	Evaluasi kinerja merujuk pada pengendalian internal terkait.	<input type="checkbox"/>				
38	Identifikasi risiko dilakukan dengan mempertimbangkan hasil sebelumnya.	<input type="checkbox"/>				
39	Penentuan tingkat risiko organisasi menggunakan prinsip kehati-hatian.	<input type="checkbox"/>				
40	Penentuan tingkat risiko organisasi menggunakan prinsip kewajaran.	<input type="checkbox"/>				
41	Penentuan tingkat risiko organisasi menggunakan prinsip dapat dipertanggungjawabkan.	<input type="checkbox"/>				
42	Sudah ada mekanisme untuk menentukan risiko.	<input type="checkbox"/>				
43	Organisasi memiliki pengendalian terhadap keandalan pemrosesan data.	<input type="checkbox"/>				
44	Terdapat pemisahan fungsi dalam pembagian tanggung jawab di organisasi.	<input type="checkbox"/>				
45	Tanggung jawab atas transaksi di organisasi berdasarkan kewenangan yang dimiliki.	<input type="checkbox"/>				
46	Pertanggungjawaban selalu disertai dengan bukti-bukti pendukung.	<input type="checkbox"/>				
47	Organisasi mempunyai sistem masi yang baik. masi yang disajikan sangat ci. masi selalu diklasifikasikan ai dengan kebijakan organisasi.	<input type="checkbox"/>				
	Optimization Software: <a href="http://www.balesio.com">www.balesio.com</a>	<input type="checkbox"/>				



No	PERNYATAAN	SS	S	KS	TS	STS
51	Evaluasi meliputi review terhadap rancangan pengendalian internal.	<input type="checkbox"/>				
52	Laporan pemantauan menjadi data pengambilan keputusan organisasi.	<input type="checkbox"/>				
<b>Good Governance</b>						
53	Organisasi mematuhi peraturan perundang-undang dalam pelaksanaan kegiatannya.	<input type="checkbox"/>				
54	Organisasi dilengkapi dengan unit layanan pengaduan masyarakat.	<input type="checkbox"/>				
55	Organisasi menetapkan rincian tanggung jawab masing-masing unit.	<input type="checkbox"/>				
56	Organisasi dilengkapi dengan sistem pengendalian internal yang membantu dalam melaksanakan tugasnya.	<input type="checkbox"/>				
57	Organisasi memiliki sistem penilaian kinerja	<input type="checkbox"/>				
58	Organisasi memiliki kode etik yang telah disepakati.	<input type="checkbox"/>				
59	Organisasi memberikan kesempatan kepada pihak yang berkepentingan untuk memberikan masukan.	<input type="checkbox"/>				
60	Organisasi memberikan perlakuan yang wajar kepada semua pihak.	<input type="checkbox"/>				
61	Organisasi tidak membedakan suku, agama, ras, golongan, gender dan kondisi fisik dalam penerimaan karyawan.	<input type="checkbox"/>				
62	Organisasi menyediakan informasi yang dapat diakses dengan mudah.	<input type="checkbox"/>				
63	Organisasi memberikan informasi yang berdampak pada masyarakat.	<input type="checkbox"/>				
64	Kerahasiaan informasi tetap terjaga sesuai dengan peraturan perundang-undangan.	<input type="checkbox"/>				
65	Kebijakan organisasi dikomunikasikan secara tertulis kepada semua pihak yang berkepentingan.	<input type="checkbox"/>				
66	Pengambilan keputusan organisasi tidak diintervensi oleh pihak lain.	<input type="checkbox"/>				
67	Kejelasan penanggungjawab dalam pelaksanaan kegiatan organisasi.	<input type="checkbox"/>				
68	Pelaksanaan kegiatan organisasi didominasi oleh pihak tertentu.	<input type="checkbox"/>				



Saran yang berkaitan dengan topik penelitian ini dapat disampaikan melalui form di bawah ini:

Terimakasih banyak atas waktu yang Bapak/Ibu/Sdr(i) luangkan untuk mengisi kuesioner ini.



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## Lampiran: Hasil Uji Analisis Jalur

### Uji Validitas dan Realibilitas

#### 1. Komitmen Organisasi (X.1)

Correlations

		ToTal
X1.1	Pearson Correlation	.526**
	Sig. (2-tailed)	0
X1.2	Pearson Correlation	.562**
	Sig. (2-tailed)	0
X1.3	Pearson Correlation	.478**
	Sig. (2-tailed)	0
X1.4	Pearson Correlation	.595**
	Sig. (2-tailed)	0
X1.5	Pearson Correlation	.619**
	Sig. (2-tailed)	0
X1.6	Pearson Correlation	.518**
	Sig. (2-tailed)	0

\*\*. Correlation is significant at the 0.01 level (2-tailed).

Reliability Statistics

Cronbach's Alpha	N of Items
.510	6



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## 2. Budaya Organisasi (X.2)

### Correlations

		Total
X2.1	Pearson Correlation	.572
	Sig. (2-tailed)	.000**
X2.2	Pearson Correlation	.556
	Sig. (2-tailed)	.000**
X2.3	Pearson Correlation	.426
	Sig. (2-tailed)	.000**
X2.4	Pearson Correlation	.493
	Sig. (2-tailed)	.000**
X2.5	Pearson Correlation	.435
	Sig. (2-tailed)	.000**
X2.6	Pearson Correlation	.555
	Sig. (2-tailed)	.000**
X2.7	Pearson Correlation	.549
	Sig. (2-tailed)	.000**
X2.8	Pearson Correlation	.540**
	Sig. (2-tailed)	.000**
X2.9	Pearson Correlation	0.619
	Sig. (2-tailed)	.000**
X2.10	Pearson Correlation	0.568
	Sig. (2-tailed)	.000**
X2.11	Pearson Correlation	0.517
	Sig. (2-tailed)	.000**
X2.12	Pearson Correlation	0.663
	Sig. (2-tailed)	.000**
X2.13	Pearson Correlation	0.599
	Sig. (2-tailed)	.000**
X2.14	Pearson Correlation	0.549
	Sig. (2-tailed)	.000**
X2.15	Pearson Correlation	0.466
	Sig. (2-tailed)	.000**
X2.16	Pearson Correlation	0.491
	Sig. (2-tailed)	.000**
X2.17	Pearson Correlation	0.41
	Sig. (2-tailed)	.000**
X2.18	Pearson Correlation	0.499
	Sig. (2-tailed)	.000**
	Pearson Correlation	0.515
	Sig. (2-tailed)	.000**
	Pearson Correlation	0.549
	Sig. (2-tailed)	.000**

### Reliability Statistics

Cronbach's Alpha	N of Items
.862	20

\*\*. Correlation is significant at the 0.01 level (2-tailed).



### 3. Kompetensi Sumber Daya Manusia (X.3)

#### Correlations

		Total
X3.1	Pearson Correlation	.691 **
	Sig. (2-tailed)	.000 **
X3.2	Pearson Correlation	.703 **
	Sig. (2-tailed)	.000 **
X3.3	Pearson Correlation	.743 **
	Sig. (2-tailed)	.000 **
X3.4	Pearson Correlation	.689 **
	Sig. (2-tailed)	.000 **
X3.5	Pearson Correlation	.590 **
	Sig. (2-tailed)	.000 **
X3.6	Pearson Correlation	.687 **
	Sig. (2-tailed)	.000 **
X3.7	Pearson Correlation	.549 **
	Sig. (2-tailed)	.000 **
X3.8	Pearson Correlation	.661 **
Sig. (2-tailed)		.000 **

\*\*. Correlation is significant at the 0.01 level (2-tailed).

#### Reliability Statistics

Cronbach's Alpha	N of Items
.818	8



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#### 4. Pengendalian Internal (Y.1)

##### Correlations

		Total
Y1.1	Pearson Correlation	.603**
	Sig. (2-tailed)	.000**
Y1.2	Pearson Correlation	.608**
	Sig. (2-tailed)	.000**
Y1.3	Pearson Correlation	.639**
	Sig. (2-tailed)	.000**
Y1.4	Pearson Correlation	.622**
	Sig. (2-tailed)	.000**
Y1.5	Pearson Correlation	.647**
	Sig. (2-tailed)	.000**
Y1.6	Pearson Correlation	.558**
	Sig. (2-tailed)	.000**
Y1.7	Pearson Correlation	.632**
	Sig. (2-tailed)	.000**
Y1.8	Pearson Correlation	0.662
	Sig. (2-tailed)	.000**
Y1.9	Pearson Correlation	0.658
	Sig. (2-tailed)	.000**
Y1.10	Pearson Correlation	0.579
	Sig. (2-tailed)	.000**
Y1.11	Pearson Correlation	0.529
	Sig. (2-tailed)	.000**
Y1.12	Pearson Correlation	0.567
	Sig. (2-tailed)	.000**
Y1.13	Pearson Correlation	0.683
	Sig. (2-tailed)	.000**
Y1.14	Pearson Correlation	0.711
	Sig. (2-tailed)	.000**
Y1.15	Pearson Correlation	0.65
	Sig. (2-tailed)	.000**
Y1.16	Pearson Correlation	0.728
	Sig. (2-tailed)	.000**
	Pearson Correlation	0.672
	Sig. (2-tailed)	.000**
	Pearson Correlation	0.709
	Sig. (2-tailed)	.000**

##### Reliability Statistics

Cronbach's Alpha	N of Items
.913	18



## 5. Good Governance (Y.2)

Correlations

		Total
Y2.1	Pearson Correlation	.577**
	Sig. (2-tailed)	.000**
Y2.2	Pearson Correlation	.639**
	Sig. (2-tailed)	.000**
Y2.3	Pearson Correlation	.593**
	Sig. (2-tailed)	.000**
Y2.4	Pearson Correlation	.629**
	Sig. (2-tailed)	.000**
Y2.5	Pearson Correlation	.660**
	Sig. (2-tailed)	.000**
Y2.6	Pearson Correlation	0.689
	Sig. (2-tailed)	.000**
Y2.7	Pearson Correlation	.687**
	Sig. (2-tailed)	.000**
Y2.8	Pearson Correlation	.731**
	Sig. (2-tailed)	.000**
Y2.9	Pearson Correlation	0.622
	Sig. (2-tailed)	.000**
Y2.10	Pearson Correlation	0.684
	Sig. (2-tailed)	.000**
Y2.11	Pearson Correlation	0.643
	Sig. (2-tailed)	.000**
Y2.12	Pearson Correlation	0.643
	Sig. (2-tailed)	.000**
Y2.13	Pearson Correlation	0.631
	Sig. (2-tailed)	.000**
Y2.14	Pearson Correlation	0.637
	Sig. (2-tailed)	.000**
Y2.15	Pearson Correlation	0.639
	Sig. (2-tailed)	.000**
Y2.16	Pearson Correlation	0.646
	Sig. (2-tailed)	.000**

\*\*. Correlation is significant at the 0.01 level (2-tailed).

### Reliability Statistics

Cronbach's Alpha	N of Items
907	16



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## Lampiran: Descriptive Statistics

Descriptive Statistics

	N	Minimum	Maximum	Sum	Mean	Std. Deviation
X1.1	326	4.00	5.00	1507.00	4.6227	.48546
X1.2	326	4.00	5.00	1448.00	4.4417	.49735
X1.3	326	2.00	5.00	1151.00	3.5307	.75078
X1.4	326	3.00	5.00	1383.00	4.2423	.59188
X1.5	326	3.00	5.00	1494.00	4.5828	.51220
X1.6	326	3.00	5.00	1489.00	4.5675	.50844
X2.1	326	3.00	5.00	1348.00	4.1350	.56039
X2.2	326	3.00	5.00	1372.00	4.2086	.57597
X2.3	326	3.00	5.00	1289.00	3.9540	.60843
X2.4	326	3.00	5.00	1385.00	4.2485	.59452
X2.5	326	3.00	5.00	1463.00	4.4877	.53623
X2.6	326	3.00	5.00	1348.00	4.1350	.51459
X2.7	326	3.00	5.00	1318.00	4.0429	.63099
X2.8	326	3.00	5.00	1344.00	4.1227	.49332
X2.9	326	3.00	5.00	1360.00	4.1718	.52735
X2.10	326	3.00	5.00	1321.00	4.0521	.57140
X2.11	326	3.00	5.00	1400.00	4.2945	.51360
X2.12	326	3.00	5.00	1334.00	4.0920	.54699
X2.13	326	3.00	5.00	1271.00	3.8988	.58087
X2.14	326	2.00	5.00	1201.00	3.6840	.74101
X2.15	326	3.00	5.00	1446.00	4.4356	.54391



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**Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean	Std. Deviation
X2.16	326	3.00	5.00	1427.00	4.3773	.56184
X2.17	326	3.00	5.00	1441.00	4.4202	.51269
X2.18	326	3.00	5.00	1406.00	4.3129	.50865
X2.19	326	2.00	5.00	1283.00	3.9356	.66944
X2.20	326	3.00	5.00	1287.00	3.9479	.62785
X3.1	326	3.00	5.00	1341.00	4.1135	.57859
X3.2	326	3.00	5.00	1365.00	4.1871	.56456
X3.3	326	2.00	5.00	1271.00	3.8988	.67405
X3.4	326	3.00	5.00	1373.00	4.2117	.55023
X3.5	326	3.00	5.00	1377.00	4.2239	.58350
X3.6	326	3.00	5.00	1388.00	4.2577	.53882
X3.7	326	3.00	5.00	1379.00	4.2301	.53707
X3.8	326	2.00	5.00	1315.00	4.0337	.67625
Y1.1	326	3.00	5.00	1377.00	4.2239	.51636
Y1.2	326	3.00	5.00	1407.00	4.3160	.52170
Y1.3	326	3.00	5.00	1363.00	4.1810	.47821
Y1.4	326	3.00	5.00	1358.00	4.1656	.46095
Y1.5	326	3.00	5.00	1359.00	4.1687	.50145
Y1.6	326	3.00	5.00	1322.00	4.0552	.53495
Y1.7	326	3.00	5.00	1376.00	4.2209	.47749
Y1.8	326	2.00	5.00	1305.00	4.0031	.60510



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**Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean	Std. Deviation
Y1.9	326	2.00	5.00	1333.00	4.0890	.56137
Y1.10	326	3.00	5.00	1365.00	4.1871	.51317
Y1.11	326	3.00	5.00	1361.00	4.1748	.50546
Y1.12	326	3.00	5.00	1440.00	4.4172	.56368
Y1.13	326	3.00	5.00	1390.00	4.2638	.60080
Y1.14	326	2.00	5.00	1345.00	4.1258	.65126
Y1.15	326	3.00	5.00	1344.00	4.1227	.53520
Y1.16	326	3.00	5.00	1365.00	4.1871	.55355
Y1.17	326	3.00	5.00	1351.00	4.1442	.51508
Y1.18	326	3.00	5.00	1371.00	4.2055	.52398
Y2.1	326	3.00	5.00	1395.00	4.2791	.50717
Y2.2	326	2.00	5.00	1334.00	4.0920	.65923
Y2.3	326	3.00	5.00	1387.00	4.2546	.50799
Y2.4	326	3.00	5.00	1400.00	4.2945	.53127
Y2.5	326	3.00	5.00	1403.00	4.3037	.54613
Y2.6	326	3.00	5.00	1403.00	4.3037	.55174
Y2.7	326	3.00	5.00	1374.00	4.2147	.55183
Y2.8	326	3.00	5.00	1377.00	4.2239	.61432
Y2.9	326	3.00	5.00	1444.00	4.4294	.58145
Y2.10	326	3.00	5.00	1382.00	4.2393	.57469
Y2.11	326	3.00	5.00	1376.00	4.2209	.56595

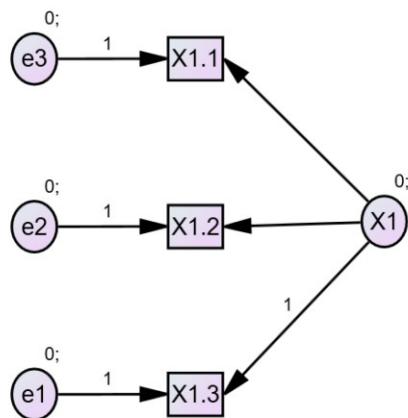
**Descriptive Statistics**

	N	Minimum	Maximum	Sum	Mean	Std. Deviation
Y2.12	326	3.00	5.00	1406.00	4.3129	.52061
Y2.13	326	3.00	5.00	1363.00	4.1810	.59826
Y2.14	326	3.00	5.00	1367.00	4.1933	.57866
Y2.15	326	3.00	5.00	1394.00	4.2761	.51785
Y2.16	326	2.00	5.00	1366.00	4.1902	.59797
Valid N (listwise)	326					



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## LAMPIRAN: Hasil Uji CFA AMOS



### Maximum Likelihood Estimates

#### Regression Weights: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
X1.3 <--- X1	1.000				
X1.2 <--- X1	.796	.226	3.521	***	par_1
X1.1 <--- X1	1.300	.481	2.705	.007	par_2

#### Standardized Regression Weights: (Group number 1 - Default model)

	Estimate
X1.3 <--- X1	.476
X1.2 <--- X1	.321
X1.1 <--- X1	.680

#### Intercepts: (Group number 1 - Default model)

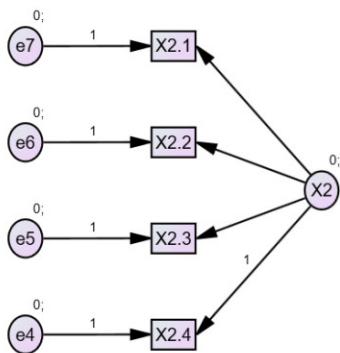
	Estimate	S.E.	C.R.	P	Label
X1.3	9.150	.047	194.858	***	par_3
X1.2	7.773	.055	140.302	***	par_4
X1.1	9.064	.043	212.024	***	par_5

#### Squared Multiple Correlations: (Group number 1 - Default model)

	Estimate
	.462
	.103
	.227



Optimization Software:  
[www.balesio.com](http://www.balesio.com)



### Maximum Likelihood Estimates

#### Regression Weights: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
X2.4 <--- X2	1.000				
X2.3 <--- X2	1.814	.155	11.668	***	par_1
X2.2 <--- X2	1.401	.138	10.177	***	par_2
X2.1 <--- X2	1.244	.129	9.604	***	par_3

#### Standardized Regression Weights: (Group number 1 - Default model)

	Estimate
X2.4 <--- X2	.638
X2.3 <--- X2	.841
X2.2 <--- X2	.757
X2.1 <--- X2	.694

#### Intercepts: (Group number 1 - Default model)

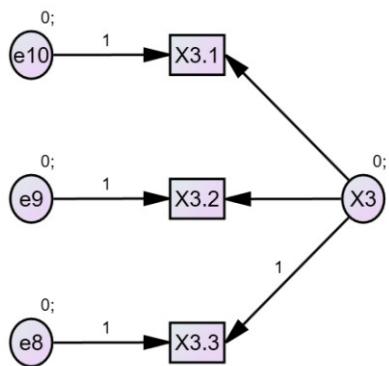
	Estimate	S.E.	C.R.	P	Label
X2.4	16.617	.088	189.218	***	par_4
X2.3	24.782	.121	205.187	***	par_5
X2.2	20.525	.104	198.101	***	par_6
X2.1	21.034	.100	209.633	***	par_7

#### Squared Multiple Correlations: (Group number 1 - Default model)

	Estimate
X2.1	.482
	.574
	.708
	.407



Optimization Software:  
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### Maximum Likelihood Estimates

#### Regression Weights: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
X3.3 <--- X3	1.000				
X3.2 <--- X3	1.461	.156	9.389	***	par_1
X3.1 <--- X3	1.683	.179	9.386	***	par_2

#### Standardized Regression Weights: (Group number 1 - Default model)

	Estimate
X3.3 <--- X3	.677
X3.2 <--- X3	.737
X3.1 <--- X3	.740

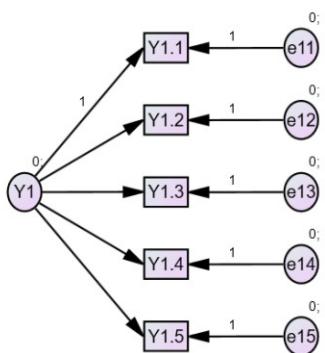
#### Intercepts: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
X3.3	8.264	.054	152.944	***	par_3
X3.2	12.693	.073	175.012	***	par_4
X3.1	12.199	.083	146.564	***	par_5

#### Squared Multiple Correlations: (Group number 1 - Default model)

	Estimate
X3.1	.548
X3.2	.544
X3.3	.459





### Maximum Likelihood Estimates

#### Regression Weights: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
Y1.1 <--- Y1	1.000				
Y1.2 <--- Y1	1.740	.131	13.316	***	par_1
Y1.3 <--- Y1	1.338	.109	12.317	***	par_2
Y1.4 <--- Y1	1.357	.103	13.172	***	par_3
Y1.5 <--- Y1	1.272	.095	13.378	***	par_4

#### Standardized Regression Weights: (Group number 1 - Default model)

	Estimate
Y1.1 <--- Y1	.703
Y1.2 <--- Y1	.806
Y1.3 <--- Y1	.750
Y1.4 <--- Y1	.800
Y1.5 <--- Y1	.823

#### Intercepts: (Group number 1 - Default model)

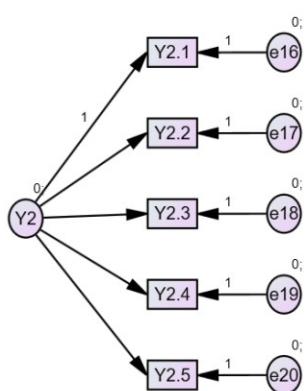
	Estimate	S.E.	C.R.	P	Label
Y1.1	12.721	.068	187.515	***	par_5
Y1.2	20.613	.103	200.195	***	par_6
Y1.3	16.868	.085	198.210	***	par_7
Y1.4	12.512	.081	154.660	***	par_8
	12.537	.074	170.169	***	par_9



Optimization Software:  
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### Squared Multiple Correlations: (Group number 1 - Default model)

	Estimate
Y1.5	.678
Y1.4	.640
Y1.3	.563
Y1.2	.649
Y1.1	.494



### Maximum Likelihood Estimates

#### Regression Weights: (Group number 1 - Default model)

	Estimate	S.E.	C.R.	P	Label
Y2.1 <--- Y2	1.000				
Y2.2 <--- Y2	1.917	.147	13.069	***	par_1
Y2.3 <--- Y2	1.728	.132	13.113	***	par_2
Y2.4 <--- Y2	2.066	.161	12.794	***	par_3
Y2.5 <--- Y2	1.447	.131	11.085	***	par_4

#### Standardized Regression Weights: (Group number 1 - Default model)

	Estimate
Y2.1 <--- Y2	.702
Y2.2 <--- Y2	.777
Y2.3 <--- Y2	.830
Y2.4 <--- Y2	.815
Y2.5 <--- Y2	.685



Optimization Software:  
[www.balesio.com](http://www.balesio.com)

**Intercepts: (Group number 1 - Default model)**

	Estimate	S.E.	C.R.	P	Label
Y2.1	8.371	.053	158.353	***	par_5
Y2.2	17.156	.092	187.293	***	par_6
Y2.3	12.868	.077	166.437	***	par_7
Y2.4	16.954	.094	180.156	***	par_8
Y2.5	12.660	.078	161.476	***	par_9

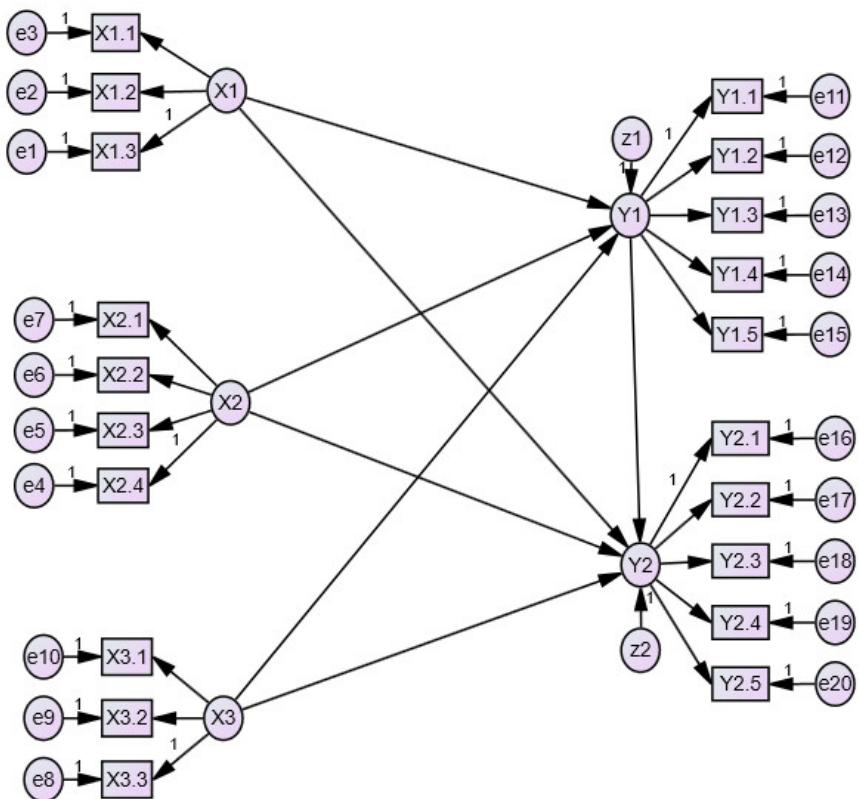
**Squared Multiple Correlations: (Group number 1 - Default model)**

	Estimate
Y2.5	.469
Y2.4	.664
Y2.3	.688
Y2.2	.603
Y2.1	.493



Optimization Software:  
[www.balesio.com](http://www.balesio.com)

## Lampiran: Hasil uji awal Data 326



### Notes for Group (Group number 1)

The model is recursive.

Sample size = 326

### Notes for Model (Default model)

#### Computation of degrees of freedom (Default model)

Number of distinct sample moments: 230

Number of distinct parameters to be estimated: 67

Degrees of freedom (230 - 67): 163

### Result (Default model)

Minimum was achieved

667,985  
reedom = 163  
vel = ,000



Optimization Software:  
[www.balesio.com](http://www.balesio.com)

**Your model contains the following variables (Group number 1)**

Observed, endogenous variables

X1.3

X1.2

X1.1

X2.4

X2.3

X2.2

X2.1

X3.3

X3.2

X3.1

Y1.1

Y1.2

Y1.3

Y1.4

Y1.5

Y2.1

Y2.2

Y2.3

Y2.4

Y2.5

Unobserved, endogenous variables

Y1

Y2

Unobserved, exogenous variables

X1

e1

e2

e3

X2

e4

e5

e6

e7

X3

e8

e9

e10

e11

e12

e13

e14

e15

e16

e17

e18

e19

e20

z1

z2

**Parameter Summary (Group number 1)**

	Weights	Covariances	Variances	Means	Intercepts	Total
Fixed	27	0	0	25	2	54
Labeled	0	0	0	0	0	0
Unlabeled	22	0	25	0	20	67
Total	49	0	25	25	22	121



### Assessment of normality (Group number 1)

Variable	min	max	skew	c.r.	kurtosis	c.r.
Y2.5	9,000	15,000	,127	,937	-,218	-,803
Y2.4	12,000	20,000	,057	,419	-,384	-1,417
Y2.3	9,000	15,000	,080	,588	-,778	-2,867
Y2.2	12,000	20,000	,109	,806	-,310	-1,142
Y2.1	5,000	10,000	,073	,539	-,146	-,539
Y1.5	9,000	15,000	,255	1,877	,145	,534
Y1.4	9,000	15,000	-,131	-,966	-,188	-,692
Y1.3	12,000	20,000	,161	1,186	,190	,699
Y1.2	15,000	25,000	,536	3,950	,429	1,582
Y1.1	9,000	15,000	,333	2,453	-,120	-,441
X3.1	9,000	15,000	,023	,170	-,176	-,649
X3.2	9,000	15,000	,077	,569	-,112	-,413
X3.3	6,000	10,000	-,029	-,215	-,402	-1,481
X2.1	16,000	25,000	,080	,592	-,172	-,632
X2.2	15,000	25,000	,416	3,068	,091	,337
X2.3	19,000	30,000	,041	,303	-,151	-,558
X2.4	13,000	20,000	,255	1,876	-,448	-1,651
X1.1	8,000	10,000	-,111	-,815	-1,310	-4,827
X1.2	5,000	10,000	,041	,301	-,409	-1,506
X1.3	7,000	10,000	-,351	-2,589	-1,358	-5,005
Multivariate					66,674	20,290

### Observations farthest from the centroid (Mahalanobis distance) (Group number 1)

Observation number	Mahalanobis d-squared	p1	p2
12	62,740	,000	,001
260	58,899	,000	,000
223	56,312	,000	,000
307	52,568	,000	,000
13	47,089	,001	,000
1	44,129	,001	,000
109	42,560	,002	,000
156	42,304	,003	,000
50	42,274	,003	,000
317	42,065	,003	,000
31	41,157	,004	,000
29	39,315	,006	,000
8	38,116	,009	,000
3	37,574	,010	,000
5	37,495	,010	,000



Observation number	Mahalanobis d-squared	p1	p2
279	37,229	,011	,000
274	37,088	,011	,000
123	36,911	,012	,000
293	36,607	,013	,000
313	36,449	,014	,000
7	35,611	,017	,000
213	35,550	,017	,000
6	35,191	,019	,000
315	35,014	,020	,000
270	34,326	,024	,000
57	34,166	,025	,000
309	34,010	,026	,000
20	33,902	,027	,000
119	33,653	,029	,000
147	33,599	,029	,000
49	33,499	,030	,000
190	33,448	,030	,000
306	33,095	,033	,000
17	33,078	,033	,000
232	32,675	,037	,000
169	32,307	,040	,000
324	32,096	,042	,000
322	32,055	,043	,000
167	32,008	,043	,000
231	31,964	,044	,000
201	31,804	,045	,000
9	31,612	,048	,000
295	31,421	,050	,000
159	31,119	,054	,000
233	31,072	,054	,000
236	31,018	,055	,000
164	30,855	,057	,000
210	30,784	,058	,000
183	30,671	,060	,000
46	30,598	,061	,000
214	30,530	,062	,000
291	30,458	,063	,000
202	29,873	,072	,000
177	29,754	,074	,000
121	29,495	,078	,000
141	29,424	,080	,000
282	29,369	,081	,000
262	29,211	,084	,000



Observation number	Mahalanobis d-squared	p1	p2
275	29,197	,084	,000
162	29,098	,086	,000
4	29,044	,087	,000
263	28,934	,089	,000
27	28,888	,090	,000
272	28,615	,096	,000
185	28,442	,099	,000
305	28,064	,108	,000
264	27,929	,111	,000
237	27,874	,112	,000
238	27,452	,123	,000
111	27,328	,126	,000
227	27,116	,132	,000
124	27,038	,134	,000
297	26,823	,140	,000
45	26,821	,140	,000
290	26,819	,140	,000
10	26,802	,141	,000
146	26,717	,143	,000
320	26,598	,147	,000
199	26,534	,149	,000
59	26,313	,156	,000
181	26,151	,161	,000
182	26,102	,162	,000
197	25,996	,166	,000
207	25,934	,168	,000
47	25,578	,180	,000
139	25,344	,189	,001
176	25,136	,196	,001
287	25,012	,201	,002
122	24,992	,202	,001
281	24,782	,210	,003
289	24,707	,213	,003
283	24,660	,215	,002
160	24,618	,216	,002
251	24,592	,217	,002
142	24,574	,218	,001
28	24,518	,220	,001
234	24,432	,224	,001
33	24,292	,230	,002
269	24,273	,231	,001
258	24,235	,232	,001



**Estimates (Group number 1 - Default model)****Scalar Estimates (Group number 1 - Default model)****Maximum Likelihood Estimates****Regression Weights: (Group number 1 - Default model)**

		Estimate	S.E.	C.R.	P	Label
Y1	<--- X1	,150	,100	1,493	,136	par_16
Y1	<--- X2	,386	,061	6,376	***	par_17
Y1	<--- X3	,687	,097	7,100	***	par_19
Y2	<--- X2	-,052	,049	-1,053	,292	par_18
Y2	<--- X3	,085	,087	,969	,332	par_20
Y2	<--- X1	,112	,072	1,555	,120	par_21
Y2	<--- Y1	,770	,106	7,254	***	par_22
X1.3	<--- X1	1,000				
X1.2	<--- X1	,616	,235	2,617	,009	par_1
X1.1	<--- X1	,835	,300	2,783	,005	par_2
X2.4	<--- X2	1,000				
X2.3	<--- X2	1,806	,153	11,778	***	par_3
X2.2	<--- X2	1,394	,133	10,443	***	par_4
X2.1	<--- X2	1,274	,129	9,912	***	par_5
X3.3	<--- X3	1,000				
X3.2	<--- X3	1,553	,148	10,480	***	par_6
X3.1	<--- X3	1,566	,153	10,235	***	par_7
Y1.1	<--- Y1	1,000				
Y1.2	<--- Y1	1,731	,124	13,979	***	par_8
Y1.3	<--- Y1	1,301	,103	12,670	***	par_9
Y1.4	<--- Y1	1,359	,097	13,950	***	par_10
Y1.5	<--- Y1	1,275	,089	14,272	***	par_11
Y2.1	<--- Y2	1,000				
Y2.2	<--- Y2	1,929	,124	15,546	***	par_12
Y2.3	<--- Y2	1,568	,107	14,621	***	par_13
Y2.4	<--- Y2	1,827	,131	13,910	***	par_14
Y2.5	<--- Y2	1,281	,111	11,578	***	par_15



**Standardized Regression Weights: (Group number 1 - Default model)**

		Estimate
Y1	<--- X1	,106
Y1	<--- X2	,543
Y1	<--- X3	,632
Y2	<--- X2	-,088
Y2	<--- X3	,094
Y2	<--- X1	,095
Y2	<--- Y1	,926
X1.3	<--- X1	,597
X1.2	<--- X1	,312
X1.1	<--- X1	,547
X2.4	<--- X2	,636
X2.3	<--- X2	,835
X2.2	<--- X2	,752
X2.1	<--- X2	,710
X3.3	<--- X3	,677
X3.2	<--- X3	,783
X3.1	<--- X3	,688
Y1.1	<--- Y1	,637
Y1.2	<--- Y1	,748
Y1.3	<--- Y1	,666
Y1.4	<--- Y1	,747
Y1.5	<--- Y1	,776
Y2.1	<--- Y2	,685
Y2.2	<--- Y2	,782
Y2.3	<--- Y2	,746
Y2.4	<--- Y2	,707
Y2.5	<--- Y2	,577



**Intercepts: (Group number 1 - Default model)**

	Estimate	S.E.	C.R.	P	Label
X1.3	9,150	,047	194,858	***	par_23
X1.2	7,773	,055	140,302	***	par_24
X1.1	9,064	,043	212,024	***	par_25
X2.4	16,617	,088	189,218	***	par_26
X2.3	24,782	,121	205,187	***	par_27
X2.2	20,525	,104	198,101	***	par_28
X2.1	21,034	,100	209,633	***	par_29
X3.3	8,264	,054	152,944	***	par_30
X3.2	12,693	,073	175,012	***	par_31
X3.1	12,199	,083	146,564	***	par_32
Y1.1	12,721	,062	204,130	***	par_33
Y1.2	20,613	,092	224,277	***	par_34
Y1.3	16,868	,078	217,290	***	par_35
Y1.4	12,512	,072	173,228	***	par_36
Y1.5	12,537	,065	192,090	***	par_37
Y2.1	8,371	,048	173,586	***	par_38
Y2.2	17,156	,082	210,450	***	par_39
Y2.3	12,868	,069	185,271	***	par_40
Y2.4	16,954	,085	198,561	***	par_41
Y2.5	12,660	,073	172,652	***	par_42

**Variances: (Group number 1 - Default model)**

	Estimate	S.E.	C.R.	P	Label
X1	,255	,101	2,534	,011	par_43
X2	1,014	,171	5,929	***	par_44
X3	,435	,070	6,175	***	par_45
z1	,151	,031	4,842	***	par_46
z2	,028	,013	2,074	,038	par_47
e1	,461	,098	4,704	***	par_48
e2	,901	,081	11,144	***	par_49
e3	,416	,072	5,774	***	par_50
e4	1,492	,134	11,116	***	par_51
e5	1,432	,200	7,165	***	par_52
e6	1,518	,159	9,526	***	par_53
e7	1,624	,161	10,111	***	par_54
e8	,514	,052	9,956	***	par_55
e9	,662	,085	7,743	***	par_56
e10	1,186	,120	9,889	***	par_57
e11	,749	,063	11,866	***	par_58
e12	1,208	,110	11,035	***	par_59
e13	1,091	,093	11,671	***	par_60
e14	,748	,067	11,107	***	par_61
e15	,551	,052	10,696	***	par_62
e16	,401	,035	11,499	***	par_63
e17	,841	,080	10,481	***	par_64
e18	,696	,065	10,747	***	par_65
e19	1,186	,107	11,056	***	par_66
e20	1,165	,098	11,931	***	par_67

### Squared Multiple Correlations: (Group number 1 - Default model)

	Estimate
Y1	,706
Y2	,922
Y2.5	,333
Y2.4	,500
Y2.3	,556
Y2.2	,611
Y2.1	,469
Y1.5	,602
Y1.4	,559
Y1.3	,443
Y1.2	,560
Y1.1	,406
X3.1	,473
X3.2	,613
X3.3	,458
X2.1	,504
X2.2	,565
X2.3	,698
X2.4	,405
X1.1	,300
X1.2	,097
X1.3	,356

### Model Fit Summary

#### CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	67	667,985	163	,000	4,098
Saturated model	230	,000	0		
Independence model	40	3763,095	190	,000	19,806

#### RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	,098	,090	,105	,000
Independence model	,241	,234	,247	,000



**LAMPIRAN: Hasil setelah Normal dan Outlier Teratas.**

Syarat normal apabila nilai c.r.berada pada rentang +- 2.58. ada beberapa yang tidak berada pada rentang tersebut, sehingga perlu dilakukan transformasi.

Syarat nilai mahalanobis apabila lebih kecil dari chi square (0.001, df) df=20, maka bukan outlier. Jadi dengan excel diperoleh dengan chisq.inv.rt(0.001,20)=45,31475.

**Assessment of normality (Group number 1)**

Variable	min	max	skew	c.r.	kurtosis	c.r.
Y2.5	9.000	15.000	.159	1.157	-.141	-.514
Y2.4	13.000	20.000	.125	.911	-.436	-1.587
Y2.3	4.893	20.569	.010	.072	-.024	-.088
Y2.2	13.000	20.000	.195	1.423	-.444	-1.618
Y2.1	5.000	10.000	.108	.784	-.153	-.559
Y1.5	9.000	15.000	.247	1.795	.155	.564
Y1.4	9.000	15.000	-.131	-.956	-.165	-.599
Y1.3	12.000	20.000	.208	1.512	.247	.897
Y1.2	14.794	24.573	.005	.038	.011	.040
Y1.1	9.629	14.845	.061	.445	-.160	-.583
X3.1	9.000	15.000	.028	.201	-.138	-.501
X3.2	9.000	15.000	.128	.932	-.142	-.516
X3.3	6.000	10.000	-.030	-.218	-.401	-1.460
X2.1	16.000	25.000	.141	1.030	-.228	-.828
X2.2	14.729	24.757	-.033	-.238	.038	.139
X2.3	19.000	30.000	.120	.873	-.207	-.755
X2.4	13.000	20.000	.259	1.888	-.444	-1.617
X1.1	8.006	10.005	-.079	-.578	-1.290	-4.697
X1.2	5.000	10.000	.032	.236	-.408	-1.483
X1.3	6.312	10.006	-.347	-2.525	-1.198	-4.361
Multivariate					49.620	14.914

**Observations farthest from the centroid (Mahalanobis distance) (Group number 1)**

Observation number	Mahalanobis d-squared	p1	p2
264	44.325	.001	.352
47	42.866	.002	.148
106	42.783	.002	.033
28	42.131	.003	.011
302	40.885	.004	.008
144	40.633	.004	.002
6	40.450	.004	.001
1	39.812	.005	.000
7	38.878	.007	.000



Observation number	Mahalanobis d-squared	p1	p2
120	38.871	.007	.000
263	38.521	.008	.000
3	38.484	.008	.000
273	38.240	.008	.000
5	38.094	.009	.000
26	37.107	.011	.000
14	36.415	.014	.000
232	36.133	.015	.000
186	36.125	.015	.000
209	35.631	.017	.000
54	35.593	.017	.000
227	35.179	.019	.000
306	34.815	.021	.000
231	34.760	.021	.000
210	34.576	.022	.000
46	34.561	.023	.000
43	34.532	.023	.000
308	34.109	.025	.000
287	33.929	.027	.000
51	33.649	.029	.000
226	33.637	.029	.000
314	33.550	.029	.000
8	33.475	.030	.000
17	33.273	.031	.000
316	32.385	.039	.000
253	32.352	.040	.000
165	32.178	.041	.000
276	31.508	.049	.000
195	31.499	.049	.000
233	31.468	.049	.000
300	31.440	.050	.000
179	31.221	.052	.000
4	31.164	.053	.000
289	31.069	.054	.000
116	30.980	.055	.000
41	30.913	.056	.000
197	30.843	.057	.000
222	30.831	.057	.000
266	30.541	.062	.000
155	30.498	.062	.000
173	30.425	.063	.000
138	30.349	.064	.000
29	30.185	.067	.000



Observation number	Mahalanobis d-squared	p1	p2
228	30.063	.069	.000
25	29.925	.071	.000
121	29.606	.076	.000
163	29.481	.079	.000
9	29.324	.082	.000
206	29.285	.082	.000
198	29.108	.086	.000
181	28.977	.088	.000
281	28.949	.089	.000
229	28.942	.089	.000
177	28.503	.098	.000
158	28.336	.102	.000
118	28.121	.107	.000
261	27.988	.110	.000
160	27.648	.118	.000
291	27.524	.121	.000
178	27.512	.121	.000
59	27.356	.126	.000
56	27.342	.126	.000
299	27.308	.127	.000
136	27.233	.129	.000
285	27.190	.130	.000
284	26.841	.140	.000
238	26.791	.141	.000
258	26.656	.145	.000
44	26.630	.146	.000
193	26.594	.147	.000
13	26.302	.156	.000
187	26.241	.158	.000
252	26.223	.159	.000
268	26.026	.165	.000
108	25.926	.168	.000
30	25.715	.175	.000
312	25.632	.178	.000
283	25.474	.184	.000
42	25.389	.187	.000
15	25.341	.189	.000
156	25.162	.195	.000
269	25.101	.198	.000
57	25.091	.198	.000
224	24.975	.202	.000
55	24.879	.206	.000
24	24.823	.208	.000



Observation number	Mahalanobis d-squared	p1	p2
119	24.523	.220	.000
305	24.309	.229	.001
188	24.104	.238	.003
11	24.096	.238	.002
225	24.004	.242	.002

### Model Fit Summary

#### CMIN

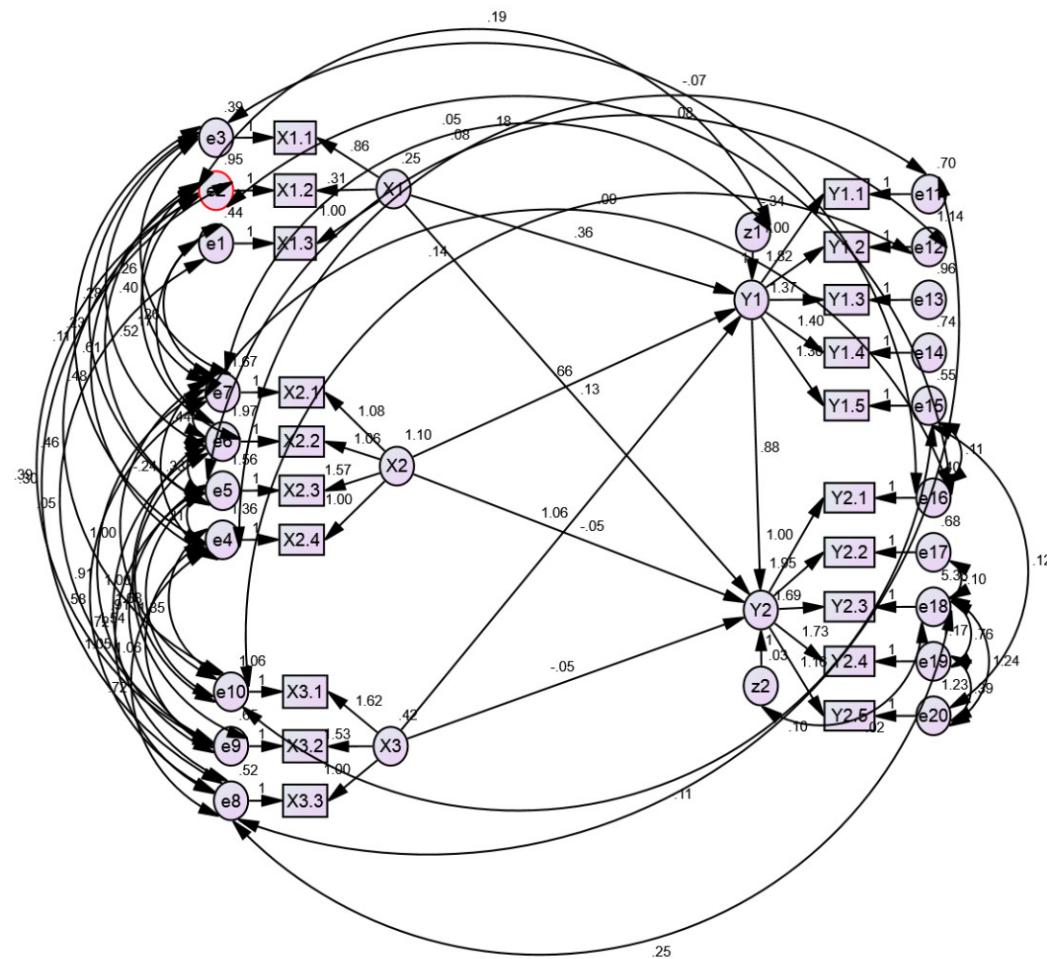
Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	67	720.073	163	.000	4.418
Saturated model	230	.000	0		
Independence model	40	3662.763	190	.000	19.278

#### RMSEA

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.104	.096	.112	.000
Independence model	.240	.233	.247	.000



## LAMPIRAN: Hasil Akhir dengan Modifikasi Model



### Notes for Model (Default model)

#### Computation of degrees of freedom (Default model)

Number of distinct sample moments: 210  
 Number of distinct parameters to be estimated: 95  
 Degrees of freedom (210 - 95): 115

#### Result (Default model)

Minimum was achieved  
 Chi-square = 121.285  
 of freedom = 115  
 Significance level = .326



### **Variable Summary (Group number 1)**

#### **Your model contains the following variables (Group number 1)**

Observed, endogenous variables	Unobserved, exogenous variables
X1.3	X1
X1.2	e1
X1.1	e2
X2.4	e3
X2.3	X2
X2.2	e4
X2.1	e5
X3.3	e6
X3.2	e7
X3.1	X3
Y1.1	e8
Y1.2	e9
Y1.3	e10
Y1.4	e11
Y1.5	e12
Y2.1	e13
Y2.2	e14
Y2.3	e15
Y2.4	e16
Y2.5	e17
Unobserved, endogenous variables	e18
Y1	e19
Y2	e20
	z1
	z2

#### **Variable counts (Group number 1)**

Number of variables in your model:	47
Number of observed variables:	20
Number of unobserved variables:	27
Number of exogenous variables:	25
Number of endogenous variables:	22



## Estimates (Group number 1 - Default model)

### Scalar Estimates (Group number 1 - Default model)

#### Maximum Likelihood Estimates

#### Regression Weights: (Group number 1 - Default model)

		Estimate	S.E.	C.R.	P	Label
Y1	<--- X1	.359	.118	3.048	.002	par_16
Y1	<--- X2	.664	.083	7.986	***	par_17
Y1	<--- X3	1.063	.103	10.311	***	par_19
Y2	<--- X2	-.050	.034	-1.474	.140	par_18
Y2	<--- X3	-.054	.053	-1.021	.307	par_20
Y2	<--- X1	.131	.074	1.759	.079	par_21
Y2	<--- Y1	.881	.096	9.220	***	par_22
X1.3	<--- X1	1.000				
X1.2	<--- X1	.306	.177	1.723	.085	par_1
X1.1	<--- X1	.865	.246	3.516	***	par_2
X2.4	<--- X2	1.000				
X2.3	<--- X2	1.570	.134	11.738	***	par_3
X2.2	<--- X2	1.065	.121	8.788	***	par_4
X2.1	<--- X2	1.082	.151	7.149	***	par_5
X3.3	<--- X3	1.000				
X3.2	<--- X3	1.529	.135	11.367	***	par_6
X3.1	<--- X3	1.623	.150	10.811	***	par_7
Y1.1	<--- Y1	1.000				
Y1.2	<--- Y1	1.818	.129	14.082	***	par_8
Y1.3	<--- Y1	1.366	.105	13.034	***	par_9
Y1.4	<--- Y1	1.400	.101	13.840	***	par_10
Y1.5	<--- Y1	1.303	.092	14.120	***	par_11
Y2.1	<--- Y2	1.000				
Y2.2	<--- Y2	1.952	.124	15.686	***	par_12
Y2.3	<--- Y2	1.687	.213	7.917	***	par_13
Y2.4	<--- Y2	1.733	.128	13.507	***	par_14
Y2.5	<--- Y2	1.160	.110	10.580	***	par_15



Standardized Regression Weights: (Group number 1 - Default model)

		Estimate
Y1	<--- X1	.219
Y1	<--- X2	.856
Y1	<--- X3	.852
Y2	<--- X2	-.077
Y2	<--- X3	-.051
Y2	<--- X1	.095
Y2	<--- Y1	1.050
X1.3	<--- X1	.598
X1.2	<--- X1	.154
X1.1	<--- X1	.566
X2.4	<--- X2	.669
X2.3	<--- X2	.796
X2.2	<--- X2	.622
X2.1	<--- X2	.659
X3.3	<--- X3	.670
X3.2	<--- X3	.777
X3.1	<--- X3	.717
Y1.1	<--- Y1	.697
Y1.2	<--- Y1	.810
Y1.3	<--- Y1	.750
Y1.4	<--- Y1	.798
Y1.5	<--- Y1	.819
Y2.1	<--- Y2	.734
Y2.2	<--- Y2	.850
Y2.3	<--- Y2	.443
Y2.4	<--- Y2	.738
Y2.5	<--- Y2	.582



**Intercepts: (Group number 1 - Default model)**

	Estimate	S.E.	C.R.	P	Label
X1.3	9.168	.047	196.538	***	par_71
X1.2	7.789	.055	140.889	***	par_72
X1.1	9.060	.043	212.679	***	par_73
X2.4	16.623	.088	188.924	***	par_74
X2.3	24.827	.116	214.034	***	par_75
X2.2	20.580	.101	204.305	***	par_76
X2.1	21.075	.097	218.257	***	par_77
X3.3	8.283	.055	151.781	***	par_78
X3.2	12.701	.072	176.371	***	par_79
X3.1	12.245	.083	147.775	***	par_80
Y1.1	12.753	.065	194.714	***	par_81
Y1.2	20.607	.102	201.091	***	par_82
Y1.3	16.849	.083	202.532	***	par_83
Y1.4	12.519	.080	156.279	***	par_84
Y1.5	12.547	.073	172.714	***	par_85
Y2.1	8.374	.052	160.403	***	par_86
Y2.2	17.160	.088	194.827	***	par_87
Y2.3	13.191	.146	90.296	***	par_88
Y2.4	16.972	.090	188.536	***	par_89
Y2.5	12.664	.076	165.549	***	par_90



**Squared Multiple Correlations: (Group number 1 - Default model)**

	Estimate
Y1	1.507
Y2	.934
Y2.5	.338
Y2.4	.545
Y2.3	.207
Y2.2	.722
Y2.1	.539
Y1.5	.671
Y1.4	.637
Y1.3	.563
Y1.2	.656
Y1.1	.486
X3.1	.514
X3.2	.604
X3.3	.450
X2.1	.435
X2.2	.387
X2.3	.634
X2.4	.447
X1.1	.321
X1.2	.024
X1.3	.358



**Total Effects (Group number 1 - Default model)**

	X2	X1	X3	Y1	Y2
Y1	.664	.359	1.063	.000	.000
Y2	.536	.447	.884	.881	.000
Y2.5	.622	.519	1.026	1.023	1.160
Y2.4	.928	.775	1.532	1.528	1.733
Y2.3	.904	.754	1.491	1.487	1.687
Y2.2	1.046	.873	1.725	1.721	1.952
Y2.1	.536	.447	.884	.881	1.000
Y1.5	.866	.468	1.386	1.303	.000
Y1.4	.930	.502	1.489	1.400	.000
Y1.3	.908	.490	1.453	1.366	.000
Y1.2	1.208	.652	1.933	1.818	.000
Y1.1	.664	.359	1.063	1.000	.000
X3.1	.000	.000	1.623	.000	.000
X3.2	.000	.000	1.529	.000	.000
X3.3	.000	.000	1.000	.000	.000
X2.1	1.082	.000	.000	.000	.000
X2.2	1.065	.000	.000	.000	.000
X2.3	1.570	.000	.000	.000	.000
X2.4	1.000	.000	.000	.000	.000
X1.1	.000	.865	.000	.000	.000
X1.2	.000	.306	.000	.000	.000
X1.3	.000	1.000	.000	.000	.000

**Standardized Total Effects (Group number 1 - Default model)**

	X2	X1	X3	Y1	Y2
Y1	.856	.219	.852	.000	.000
Y2	.822	.325	.844	1.050	.000
Y2.5	.478	.189	.491	.611	.582
Y2.4	.607	.240	.623	.775	.738
Y2.3	.364	.144	.373	.465	.443
Y2.2	.698	.276	.717	.892	.850
Y2.1	.604	.239	.619	.771	.734
Y1.5	.701	.180	.698	.819	.000
Y1.4	.683	.175	.680	.798	.000
Y1.3	.642	.164	.639	.750	.000
Y1.2	.693	.178	.690	.810	.000
Y1.1	.597	.153	.594	.697	.000
X3.1	.000	.000	.717	.000	.000
X3.2	.000	.000	.777	.000	.000
X3.3	.000	.000	.670	.000	.000
X2.1	.659	.000	.000	.000	.000
X2.2	.622	.000	.000	.000	.000
X2.3	.796	.000	.000	.000	.000
X2.4	.669	.000	.000	.000	.000
X1.1	.000	.566	.000	.000	.000
X1.2	.000	.154	.000	.000	.000
X1.3	.000	.598	.000	.000	.000

**Direct Effects (Group number 1 - Default model)**

	X2	X1	X3	Y1	Y2
Y1	.664	.359	1.063	.000	.000
Y2	-.050	.131	-.054	.881	.000
Y2.5	.000	.000	.000	.000	1.160
Y2.4	.000	.000	.000	.000	1.733
Y2.3	.000	.000	.000	.000	1.687
Y2.2	.000	.000	.000	.000	1.952
Y2.1	.000	.000	.000	.000	1.000
Y1.5	.000	.000	.000	1.303	.000
Y1.4	.000	.000	.000	1.400	.000
Y1.3	.000	.000	.000	1.366	.000
Y1.2	.000	.000	.000	1.818	.000
Y1.1	.000	.000	.000	1.000	.000
X3.1	.000	.000	1.623	.000	.000
X3.2	.000	.000	1.529	.000	.000
X3.3	.000	.000	1.000	.000	.000
X2.1	1.082	.000	.000	.000	.000
X2.2	1.065	.000	.000	.000	.000
X2.3	1.570	.000	.000	.000	.000
X2.4	1.000	.000	.000	.000	.000
X1.1	.000	.865	.000	.000	.000
X1.2	.000	.306	.000	.000	.000
X1.3	.000	1.000	.000	.000	.000



**Standardized Direct Effects (Group number 1 - Default model)**

	X2	X1	X3	Y1	Y2
Y1	.856	.219	.852	.000	.000
Y2	-.077	.095	-.051	1.050	.000
Y2.5	.000	.000	.000	.000	.582
Y2.4	.000	.000	.000	.000	.738
Y2.3	.000	.000	.000	.000	.443
Y2.2	.000	.000	.000	.000	.850
Y2.1	.000	.000	.000	.000	.734
Y1.5	.000	.000	.000	.819	.000
Y1.4	.000	.000	.000	.798	.000
Y1.3	.000	.000	.000	.750	.000
Y1.2	.000	.000	.000	.810	.000
Y1.1	.000	.000	.000	.697	.000
X3.1	.000	.000	.717	.000	.000
X3.2	.000	.000	.777	.000	.000
X3.3	.000	.000	.670	.000	.000
X2.1	.659	.000	.000	.000	.000
X2.2	.622	.000	.000	.000	.000
X2.3	.796	.000	.000	.000	.000
X2.4	.669	.000	.000	.000	.000
X1.1	.000	.566	.000	.000	.000
X1.2	.000	.154	.000	.000	.000
X1.3	.000	.598	.000	.000	.000



**Indirect Effects (Group number 1 - Default model)**

	X2	X1	X3	Y1	Y2
Y1	.000	.000	.000	.000	.000
Y2	.586	.316	.937	.000	.000
Y2.5	.622	.519	1.026	1.023	.000
Y2.4	.928	.775	1.532	1.528	.000
Y2.3	.904	.754	1.491	1.487	.000
Y2.2	1.046	.873	1.725	1.721	.000
Y2.1	.536	.447	.884	.881	.000
Y1.5	.866	.468	1.386	.000	.000
Y1.4	.930	.502	1.489	.000	.000
Y1.3	.908	.490	1.453	.000	.000
Y1.2	1.208	.652	1.933	.000	.000
Y1.1	.664	.359	1.063	.000	.000
X3.1	.000	.000	.000	.000	.000
X3.2	.000	.000	.000	.000	.000
X3.3	.000	.000	.000	.000	.000
X2.1	.000	.000	.000	.000	.000
X2.2	.000	.000	.000	.000	.000
X2.3	.000	.000	.000	.000	.000
X2.4	.000	.000	.000	.000	.000
X1.1	.000	.000	.000	.000	.000
X1.2	.000	.000	.000	.000	.000
X1.3	.000	.000	.000	.000	.000



**Standardized Indirect Effects (Group number 1 - Default model)**

	X2	X1	X3	Y1	Y2
Y1	.000	.000	.000	.000	.000
Y2	.899	.230	.895	.000	.000
Y2.5	.478	.189	.491	.611	.000
Y2.4	.607	.240	.623	.775	.000
Y2.3	.364	.144	.373	.465	.000
Y2.2	.698	.276	.717	.892	.000
Y2.1	.604	.239	.619	.771	.000
Y1.5	.701	.180	.698	.000	.000
Y1.4	.683	.175	.680	.000	.000
Y1.3	.642	.164	.639	.000	.000
Y1.2	.693	.178	.690	.000	.000
Y1.1	.597	.153	.594	.000	.000
X3.1	.000	.000	.000	.000	.000
X3.2	.000	.000	.000	.000	.000
X3.3	.000	.000	.000	.000	.000
X2.1	.000	.000	.000	.000	.000
X2.2	.000	.000	.000	.000	.000
X2.3	.000	.000	.000	.000	.000
X2.4	.000	.000	.000	.000	.000
X1.1	.000	.000	.000	.000	.000
X1.2	.000	.000	.000	.000	.000
X1.3	.000	.000	.000	.000	.000



### Model Fit Summary

#### CMIN

Model	NPAR	CMIN	DF	P	CMIN/DF
Default model	95	121.285	115	.326	1.055
Saturated model	210	.000	0		
Independence model	20	3662.763	190	.000	19.278

#### RMR, GFI

Model	RMR	GFI	AGFI	PGFI
Default model	.142	.965	.936	.528
Saturated model	.000	1.000		
Independence model	1.043	.205	.121	.185

#### Baseline Comparisons

Model	NFI	RFI	IFI	TLI	CFI
	Delta1	rho1	Delta2	rho2	
Default model	.967	.945	.998	.997	.998
Saturated model	1.000		1.000		1.000
Independence model	.000	.000	.000	.000	.000

#### Parsimony-Adjusted Measures

Model	PRATIO	PNFI	PCFI
Default model	.605	.585	.604
Saturated model	.000	.000	.000
Independence model	1.000	.000	.000

#### NCP

Model	NCP	LO 90	HI 90
Default model	6.285	.000	36.818
Saturated model	.000	.000	.000
Independence model	3472.763	3279.851	3672.985

#### FMIN

Model	FMIN	F0	LO 90	HI 90
Default model	.383	.020	.000	.116
Saturated model	.000	.000	.000	.000
Independence model	11.554	10.955	10.347	11.587



### **RMSEA**

Model	RMSEA	LO 90	HI 90	PCLOSE
Default model	.013	.000	.032	1.000
Independence model	.240	.233	.247	.000

### **AIC**

Model	AIC	BCC	BIC	CAIC
Default model	311.285	324.764	668.679	763.679
Saturated model	420.000	449.797	1210.031	1420.031
Independence model	3702.763	3705.601	3778.004	3798.004

### **ECVI**

Model	ECVI	LO 90	HI 90	MECVI
Default model	.982	.962	1.078	1.024
Saturated model	1.325	1.325	1.325	1.419
Independence model	11.681	11.072	12.312	11.690

### **HOELTER**

Model	HOELTER .05	HOELTER .01
Default model	369	401
Independence model	20	21



**LAMPIRAN: HASIL UJI SOBEL TEST**

		Estimate	S.E.	C.R.	P	Label
Y1	<--- X1	.359	.118	3.048	.002	par_16
Y1	<--- X2	.664	.083	7.986	***	par_17
Y1	<--- X3	1.063	.103	10.311	***	par_19
Y2	<--- X2	-.050	.034	-1.474	.140	par_18
Y2	<--- X3	-.054	.053	-1.021	.307	par_20
Y2	<--- X1	.131	.074	1.759	.079	par_21
Y2	<--- Y1	.881	.096	9.220	***	par_22
X1.3	<--- X1	1.000				
X1.2	<--- X1	.306	.177	1.723	.085	par_1
X1.1	<--- X1	.865	.246	3.516	***	par_2
X2.4	<--- X2	1.000				
X2.3	<--- X2	1.570	.134	11.738	***	par_3
X2.2	<--- X2	1.065	.121	8.788	***	par_4

Input:	Test statistic:	Std. Error:	p-value:
a 0.359	Sobel test: 2.88781676	0.10952184	0.00387926
b 0.881	Aroian test: 2.87249259	0.11010612	0.00407248
s <sub>a</sub> 0.118	Goodman test: 2.90338883	0.10893443	0.00369148
s <sub>b</sub> 0.096	<input type="button" value="Reset all"/>	<input type="button" value="Calculate"/>	

Input:	Test statistic:	Std. Error:	p-value:
a 0.664	Sobel test: 6.03035571	0.09700655	0
b 0.881	Aroian test: 6.01011533	0.09733324	0
s <sub>a</sub> 0.083	Goodman test: 6.05080197	0.09667875	0
s <sub>b</sub> 0.096	<input type="button" value="Reset all"/>	<input type="button" value="Calculate"/>	

Input:	Test statistic:	Std. Error:	p-value:
a 1.063	Sobel test: 6.85791404	0.136558	0
b 0.881	Aroian test: 6.84000629	0.13691552	0
s <sub>a</sub> 0.103	Goodman test: 6.87596318	0.13619954	0
s <sub>b</sub> 0.096	<input type="button" value="Reset all"/>	<input type="button" value="Calculate"/>	

