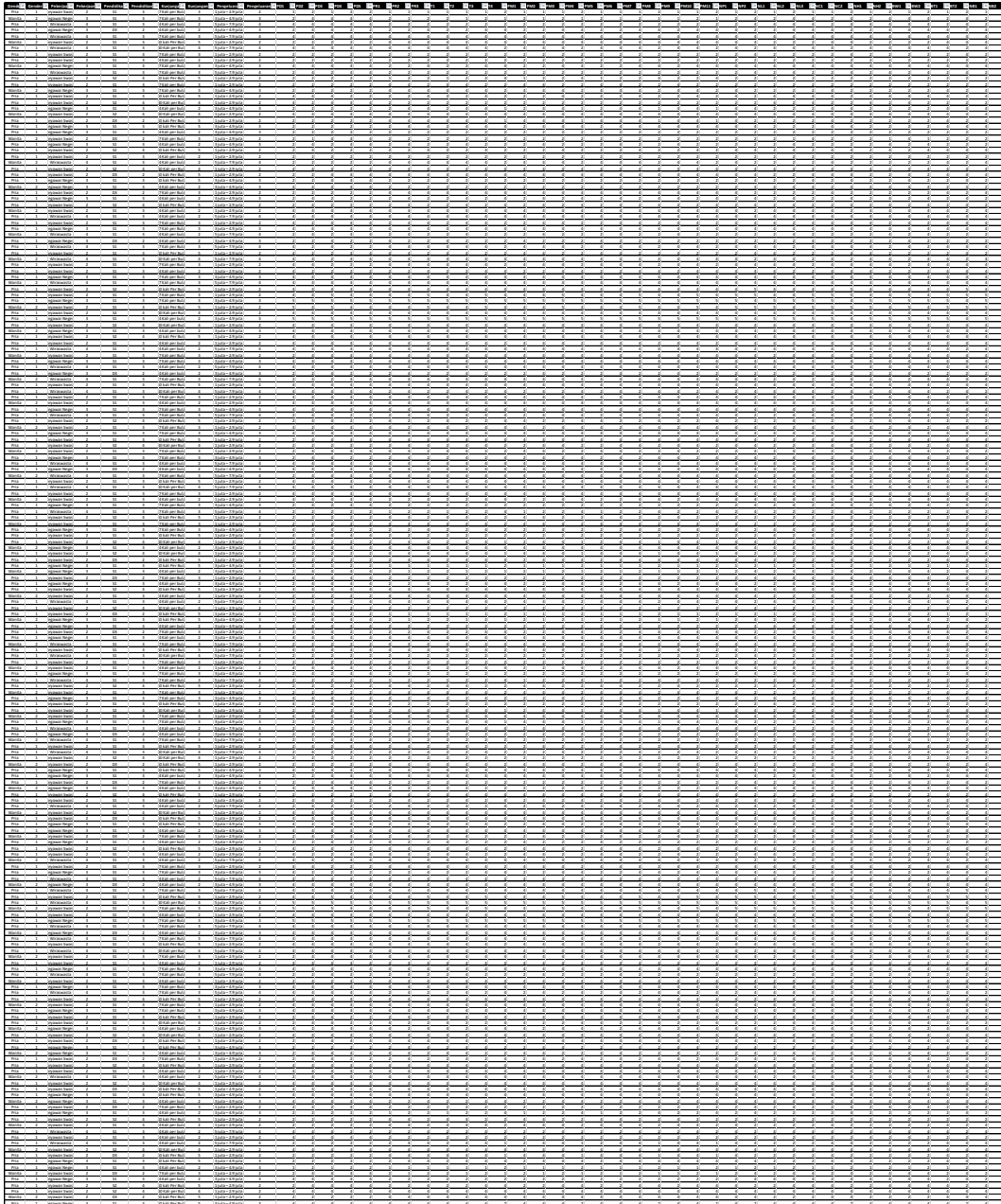


LAMPIRAN

A. Data Responden



The image shows a large, empty grid table with many columns and rows. The grid is composed of small squares, typical of a spreadsheet or data table. The table is mostly blank, with some faint text visible in the top-left corner, possibly indicating column headers or row numbers. The overall appearance is that of a data table intended for recording responses from participants.

B. Kuesioner

1. Usia:
 - (1) < 20 tahun
 - (2) 20 – 29 tahun
 - (3) 30 – 39 tahun
 - (4) 40 – 49 tahun
 - (5) >50 tahun
2. Jenis Kelamin:
 - () Laki-laki
 - () Perempuan
3. Tingkat Pendidikan:
 - () SMU/Sederajat
 - () D3
 - () S1
 - () S2
4. Dalam satu bulan, berapa kali saudara/iperbelikan swalayan Carrefour Puri Indah?
 - () 1 kali per bulan
 - () 2-4 kali per bulan
 - () 5-7 kali per bulan
 - () >10 kali per bulan
5. Berapa jumlah uang yang dikeluarkan setiap kali untuk beli setiap bulan Rupiah
 - () < 1 Juta
 - () 1 Juta – 2,9 Juta
 - () 3 Juta – 4,9 Juta
 - () 5 Juta – 7,9 Juta

Petunjuk Pengisian:

Jawablah salah satu jawaban yang tepat sesuai pendapat anda dengan menyilang atau melingkari pilihan jawaban yang telah tersedia.

Keterangan:

- Semakin ke kanan* jawaban anda, berarti penilaiannya *semakin baik*.
 Semakin ke kiri jawaban anda, berarti penilaiannya *semakin jelek*

ItemPertanyaan	NilaiMin	Nilai					NilaiMax
		1	2	3	4	5	
Apakah produk yang ada di Carrefour Puri Indah lengkap	Sangat tidak lengkap	1	2	3	4	5	Sangat lengkap
Apakah terdapat banyak pilihan produk di Carrefour Puri Indah	Sangat sedikit	1	2	3	4	5	Sangat banyak
Apakah di Carrefour Puri Indah menyediakan produk baru? (baru saja beriklan atau baru)	Sangat lambat	1	2	3	4	5	Sangat cepat
Bagaimana kualitas produk yang ada di Carrefour Puri Indah	Sangat jelek	1	2	3	4	5	Sangat bagus
Apakah macam <i>Private label</i> di Carrefour	Sangat tidak beragam	1	2	3	4	5	Sangat beragam

ItemPertanyaan	NilaiMin	Nilai					NilaiMax
		1	2	3	4	5	
Apakah Carrefour Puri Indah memberi harga yang tepat?	Sangat mahal	1	2	3	4	5	Sangat murah
Apakah paket (jual dalam bandet, karton) di Carrefour Puri Indah diberi harga yang tepat?	Sangat mahal	1	2	3	4	5	Sangat murah
Apakah Carrefour Puri Indah memberi harga yang bersaing?	Lebih mahal	1	2	3	4	5	Lebih murah

ItemPertanyaan	NilaiMin	Nilai					NilaiMax
		1	2	3	4	5	
Bagaimana lokasi Toko atau gerai Carrefour Puri Indah?	Sangat Jauh	1	2	3	4	5	Sangat dekat

ItemPertanyaan	NilaiMin	Nilai					NilaiMax
Bagaimana Sarana Transportasi di Carrefour Puri Indah?	Sangat sulit	1	2	3	4	5	Sangat mudah
Bagaimana <i>Selling Area</i> (Area untuk menjual produk) di Carrefour Puri Indah	Sangat kecil	1	2	3	4	5	Sangat luas
Bagaimana Fasilitas parkir di Carrefour Puri Indah	Sangat sempit	1	2	3	4	5	Sangat luas

ItemPertanyaan	NilaiMin	Nilai					NilaiMax
Pemasangan Banner (Spanduk dengan ukuran besar yang memuat satu produk unggulan)	Sangat tidak menarik	1	2	3	4	5	Sangat menarik
Selebaran/mailler/katalog yang memuat info produk dan harga	Sangat tidak menarik	1	2	3	4	5	Sangat menarik
Display (Penataan produk) di Floor (lantai), rak, dan lain-lain	Sangat tidak menarik	1	2	3	4	5	Sangat menarik
Pemberian discount	Sangat jarang	1	2	3	4	5	Sangat sering
Hadiah dalam rangka <i>peak session</i> (misalnya dalam rangka HUT)	Sangat tidak menarik	1	2	3	4	5	Sangat menarik
Member Card program (Program kartu pelanggan)	Sangat tidak bermanfaat	1	2	3	4	5	Sangat bermanfaat
Program pembelian berhadiah (beli 2 dapat 3 atau hadiah)	Sangat tidak menarik	1	2	3	4	5	Sangat menarik
Sample produk	Sangat jarang	1	2	3	4	5	Sangat sering
Pemberian Sponsorship untuk kegiatan sosial, olah raga dan lain-lain	Sangat jarang	1	2	3	4	5	Sangat sering
Informasi produk, saran, bantuan oleh SPG (Sales Promotion Girl), SPM (Sales Promotian Man)	Sangat lamban	1	2	3	4	5	Sangat cekatan
Informasi produk, saran, bantuan oleh Staff floor (karyawan toko)	Sangat lamban	1	2	3	4	5	Sangat cekatan
Frekuensi kunjungan keCarrefour Puri Indah	Sangat jarang	1	2	3	4	5	Sangat sering

ItemPertanyaan	NilaiMin	Nilai					NilaiMax
Volume produk yang dibeli	Sangat sedikit	1	2	3	4	5	Sangat banyak
Kepuasan setelah beli di Carrefour Puri Indah	Sangat tidak puas	1	2	3	4	5	Sangat puas

Item Pertanyaan	NilaiMin	Nilai					Nilai Max
Jumlah item (macam) produk yang dijual di Carrefour Puri Indah sangat lengkap	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Kualitas produk yang dijual di Carrefour Puri Indah sangat berkualitas	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Karyawan Carrefour Puri Indah dalam melayani konsumen sangat ramah	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Karyawan Carrefour Puri Indah melayani setiap konsumennya dengan sangat cepat	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Tidak perlu antri dalam bertransaksi (membayar dikasir)	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Melayani retur (pengembalian) barang dengan sangat baik	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Carrefour Puri Indah mempunyai citra Modern	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Carrefour Puri Indah dikenal karena harga produk yang dijual murah	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Carrefour Puri Indah dikenal sebagai tempat kulakan	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Harga yang diberikan oleh Carrefour Puri Indah semuanya murah	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Harga yang diberikan oleh Carrefour Puri Indah bersaing dengan yang	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Beli di Carrefour Puri Indah tidak menyita waktu banyak	Sangat tidak	1	2	3	4	5	Sangat setuju

ItemPertanyaan	NilaiMin	Nilai					NilaiMax
Beli di Carrefour Puri Indah tidak memerlukan waktu lama untuk mencari suatu produk	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Beli di Carrefour Puri Indah untuk produk <i>hard line</i> (meubel, elektronik dan lain-lain) diantar sampai di rumah.	Sangat tidak setuju	1	2	3	4	5	Sangat setuju
Belanjadi Carrefour Puri Indah bisa <i>via mobile</i>	Sangat tidak setuju	1	2	3	4	5	Sangat setuju

B. Uji PreTest

```
Warning # 849 in column 23. Text: in_ID
The LOCALE subcommand of the SET command has an invalid parameter.
It could
not be mapped to a valid backend locale.
GET DATA /TYPE=XLSX
  /FILE='C:\Users\user\Documents\Tesis\Public\Dodi\Data
Pretest.xlsx'
  /SHEET=name 'Sheet2'
  /CELLRANGE=full
  /READNAMES=on
  /ASSUMEDSTRWIDTH=32767.
EXECUTE.
DATASET NAME DataSet1 WINDOW=FRONT.

SAVE OUTFILE='C:\Users\user\Documents\Tesis\Public\Dodi\KMO.sav'
  /COMPRESSED.
FACTOR
  /VARIABLES PD1 PD2 PD3 PD4 PD5
  /MISSING LISTWISE
  /ANALYSIS PD1 PD2 PD3 PD4 PD5
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION
ROTATION FSCORE
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /SAVE REG(ALL)
  /METHOD=CORRELATION.
```

Factor Analysis

Notes

Output Created		13-NOV-2015 16:31:20
Comments		
Input	Data	C:\Users\user\Documents\Tesis\Public\Dodi\KMO.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<p>FACTOR</p> <p>/VARIABLES PD1 PD2 PD3 PD4 PD5</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS PD1 PD2 PD3 PD4 PD5</p> <p>/PRINT INITIAL CORRELATION SIG DET</p> <p>KMO INV REPR AIC EXTRACTION</p> <p>ROTATION FSCORE</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION PC</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION VARIMAX</p> <p>/SAVE REG(ALL)</p> <p>/METHOD=CORRELATION.</p>
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:00.08
	Maximum Memory Required	4396 (4.293K) bytes
Variables Created	FAC1_1	Component <i>score</i> 1

[DataSet1] C:\Users\user\Documents\Tesis\Public\Dodi\KMO.sav

Correlation Matrix^a

		PD1	PD2	PD3	PD4	PD5
Correlation	PD1	1,000	,867	,804	,839	,861
	PD2	,867	1,000	,822	,782	,807
	PD3	,804	,822	1,000	,812	,796
	PD4	,839	,782	,812	1,000	,814
	PD5	,861	,807	,796	,814	1,000
Sig. (1-tailed)	PD1		,000	,000	,000	,000
	PD2	,000		,000	,000	,000
	PD3	,000	,000		,000	,000
	PD4	,000	,000	,000		,000
	PD5	,000	,000	,000	,000	

a. Determinant = .004

Inverse of Correlation Matrix

	PD1	PD2	PD3	PD4	PD5
PD1	6,509	-2,550	-,124	-1,646	-2,110
PD2	-2,550	4,954	-1,590	-,030	-,511
PD3	-,124	-1,590	4,165	-1,384	-,797
PD4	-1,646	-,030	-1,384	4,321	-,974
PD5	-2,110	-,511	-,797	-,974	4,658

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,898
Bartlett's Test of Sphericity	Approx. Chi-Square	147,949
	df	10
	Sig.	,000

Anti-image Matrices

		PD1	PD2	PD3	PD4	PD5
Anti-image Covariance	PD1	,154	-,079	-,005	-,059	-,070
	PD2	-,079	,202	-,077	-,001	-,022
	PD3	-,005	-,077	,240	-,077	-,041
	PD4	-,059	-,001	-,077	,231	-,048
	PD5	-,070	-,022	-,041	-,048	,215
Anti-image Correlation	PD1	,865 ^a	-,449	-,024	-,310	-,383
	PD2	-,449	,889 ^a	-,350	-,007	-,106
	PD3	-,024	-,350	,909 ^a	-,326	-,181
	PD4	-,310	-,007	-,326	,913 ^a	-,217
	PD5	-,383	-,106	-,181	-,217	,919 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
PD1	1,000	,894
PD2	1,000	,855
PD3	1,000	,836
PD4	1,000	,842
PD5	1,000	,855

Extraction Method: Principal
Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	4,282	85,648	85,648	4,282	85,648	85,648
2	,222	4,442	90,089			
3	,220	4,407	94,496			
4	,169	3,379	97,875			
5	,106	2,125	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
PD1	,945
PD2	,925
PD3	,914
PD4	,918
PD5	,925

Extraction Method:

Principal Component

Analysis.

a. 1 components

extracted.

Reproduced Correlations

		PD1	PD2	PD3	PD4	PD5
Reproduced Correlation	PD1	,894 ^a	,874	,865	,868	,874
	PD2	,874	,855 ^a	,846	,849	,855
	PD3	,865	,846	,836 ^a	,839	,846
	PD4	,868	,849	,839	,842 ^a	,848
	PD5	,874	,855	,846	,848	,855 ^a
Residual ^b	PD1		-,007	-,060	-,029	-,013
	PD2	-,007		-,024	-,066	-,048
	PD3	-,060	-,024		-,027	-,050
	PD4	-,029	-,066	-,027		-,034
	PD5	-,013	-,048	-,050	-,034	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 2 (20.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated
Component
Matrix^a**

--

a. Only one component was extracted. The solution cannot be rotated.

**Component Score
Coefficient Matrix**

	Component
	1
PD1	,221
PD2	,216
PD3	,214
PD4	,214
PD5	,216

Extraction Method:
Principal Component
Analysis.
Rotation Method:
Varimax with Kaiser
Normalization.
Component Scores.

**Component Score
Covariance Matrix**

Component	1
1	1,000

Factor Analysis

Notes

Output Created		13-NOV-2015 16:39:44
Comments		
Input	Data	C:\Users\user\Documents\Tesis\Public\Dodi\KMO.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<p>FACTOR</p> <p>/VARIABLES PR1 PR2 PR3</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS PR1 PR2 PR3</p> <p>/PRINT INITIAL CORRELATION SIG DET</p> <p>KMO INV REPR AIC EXTRACTION</p> <p>ROTATION FSCORE</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION PC</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION VARIMAX</p> <p>/SAVE REG(ALL)</p> <p>/METHOD=CORRELATION.</p>
Resources	Processor Time	00:00:00.52
	Elapsed Time	00:00:00.53
	Maximum Memory Required	2028 (1.980K) bytes
Variables Created	FAC1_2	Component score 1

Correlation Matrix^a

		PR1	PR2	PR3
Correlation	PR1	1,000	,792	,831
	PR2	,792	1,000	,726
	PR3	,831	,726	1,000
Sig. (1-tailed)	PR1		,000	,000
	PR2	,000		,000
	PR3	,000	,000	

a. Determinant = .111

Inverse of Correlation Matrix

	PR1	PR2	PR3
PR1	4,268	-1,703	-2,309
PR2	-1,703	2,797	-,617
PR3	-2,309	-,617	3,367

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,738
Bartlett's Test of Sphericity	Approx. Chi-Square	59,801
	df	3
	Sig.	,000

Anti-image Matrices

		PR1	PR2	PR3
Anti-image Covariance	PR1	,234	-,143	-,161
	PR2	-,143	,358	-,065
	PR3	-,161	-,065	,297
Anti-image Correlation	PR1	,682 ^a	-,493	-,609
	PR2	-,493	,803 ^a	-,201
	PR3	-,609	-,201	,748 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
PR1	1,000	,896
PR2	1,000	,821
PR3	1,000	,850

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2,567	85,570	85,570	2,567	85,570	85,570
2	,278	9,253	94,824			
3	,155	5,176	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
PR1	,947
PR2	,906
PR3	,922

Extraction Method:

Principal Component

Analysis.

a. 1 components

extracted.

Reproduced Correlations

		PR1	PR2	PR3
Reproduced Correlation	PR1	,896 ^a	,858	,873
	PR2	,858	,821 ^a	,835
	PR3	,873	,835	,850 ^a
Residual ^b	PR1		-,066	-,042
	PR2	-,066		-,109
	PR3	-,042	-,109	

Extraction Method: Principal Component Analysis.

- a. Reproduced communalities
- b. Residuals are computed between observed and reproduced correlations. There are 2 (66.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated
Component
Matrix^a**

--

- a. Only one component was extracted. The solution cannot be rotated.

**Component Score
Coefficient Matrix**

	Component
	1
PR1	,369
PR2	,353
PR3	,359

Extraction Method:
Principal Component
Analysis.
Rotation Method:
Varimax with Kaiser
Normalization.
Component Scores.

**Component Score
Covariance Matrix**

Component	1
1	1,000


```
FACTOR
/VARIABLES T1 T2 T3 T4
/MISSING LISTWISE
/ANALYSIS T1 T2 T3 T4
/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION
ROTATION FSCORE
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/SAVE REG(ALL)
/METHOD=CORRELATION.
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Factor Analysis

Notes

Output Created		13-NOV-2015 16:42:32
Comments		
Input	Data	C:\Users\user\Documents\Tesis\Public\Dodi\KMO.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Missing Value Handling	N of Rows in Working Data File	30
	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<p>FACTOR</p> <p>/VARIABLES T1 T2 T3 T4</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS T1 T2 T3 T4</p> <p>/PRINT INITIAL CORRELATION SIG DET</p> <p>KMO INV REPR AIC EXTRACTION</p> <p>ROTATION FSCORE</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION PC</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION VARIMAX</p> <p>/SAVE REG(ALL)</p> <p>/METHOD=CORRELATION.</p>
Resources	Processor Time	00:00:00.19
	Elapsed Time	
	Maximum Memory Required	00:00:00.19
		3096 (3.023K) bytes
Variables Created	FAC1_3	Component score 1

Correlation Matrix^a

		T1	T2	T3	T4
Correlation	T1	1,000	,760	,793	,826
	T2	,760	1,000	,850	,740
	T3	,793	,850	1,000	,753
	T4	,826	,740	,753	1,000
Sig. (1-tailed)	T1		,000	,000	,000
	T2	,000		,000	,000
	T3	,000	,000		,000
	T4	,000	,000	,000	

a. Determinant = .027

Inverse of Correlation Matrix

	T1	T2	T3	T4
T1	4,073	-,535	-1,244	-2,032
T2	-,535	4,006	-2,501	-,637
T3	-1,244	-2,501	4,496	-,508
T4	-2,032	-,637	-,508	3,533

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,827
Bartlett's Test of Sphericity	Approx. Chi-Square	96,926
	df	6
	Sig.	,000

Anti-image Matrices

		T1	T2	T3	T4
Anti-image Covariance	T1	,246	-,033	-,068	-,141
	T2	-,033	,250	-,139	-,045
	T3	-,068	-,139	,222	-,032
	T4	-,141	-,045	-,032	,283
Anti-image Correlation	T1	,829 ^a	-,133	-,291	-,536
	T2	-,133	,824 ^a	-,589	-,169
	T3	-,291	-,589	,811 ^a	-,127
	T4	-,536	-,169	-,127	,844 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
T1	1,000	,850
T2	1,000	,835
T3	1,000	,859
T4	1,000	,818

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	3,362	84,047	84,047	3,362	84,047	84,047
2	,319	7,984	92,031			
3	,176	4,389	96,420			
4	,143	3,580	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
T1	,922
T2	,914
T3	,927
T4	,904

Extraction Method:
Principal Component
Analysis.

a. 1 components
extracted.

Reproduced Correlations

		T1	T2	T3	T4
Reproduced Correlation	T1	,850 ^a	,842	,854	,834
	T2	,842	,835 ^a	,847	,826
	T3	,854	,847	,859 ^a	,838
	T4	,834	,826	,838	,818 ^a
Residual ^b	T1		-,082	-,061	-,007
	T2	-,082		,003	-,086
	T3	-,061	,003		-,085
	T4	-,007	-,086	-,085	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 4 (66.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated
Component
Matrix^a**

--

a. Only one component was extracted. The solution cannot be rotated.

**Component Score
Coefficient Matrix**

	Component
	1
T1	,274
T2	,272
T3	,276
T4	,269

Extraction Method:

Principal Component
Analysis.

Rotation Method:

Varimax with Kaiser

Normalization.

Component Scores.

**Component Score
Covariance Matrix**

Component	1
1	1,000

Extraction Method:

Principal Component
Analysis.

Rotation Method: Varimax
with Kaiser Normalization.

Component Scores.

```
FACTOR
/VARIABLES PM1 PM2 PM3 PM4 PM5 PM6 PM7 PM8 PM9 PM10 PM11
/MISSING LISTWISE
/ANALYSIS PM1 PM2 PM3 PM4 PM5 PM6 PM7 PM8 PM9 PM10 PM11
/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION
ROTATION FSCORE
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/SAVE REG(ALL)
/METHOD=CORRELATION.
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Factor Analysis

Notes

Output Created		13-NOV-2015 16:46:34
Comments		
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	Active Dataset	DataSet1
	Filter	<none>
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	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<pre> FACTOR /VARIABLES PM1 PM2 PM3 PM4 PM5 PM6 PM7 PM8 PM9 PM10 PM11 /MISSING LISTWISE /ANALYSIS PM1 PM2 PM3 PM4 PM5 PM6 PM7 PM8 PM9 PM10 PM11 /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION FSCORE /CRITERIA MINEIGEN(1) ITERATE(25) /EXTRACTION PC /CRITERIA ITERATE(25) /ROTATION VARIMAX /SAVE REG(ALL) /METHOD=CORRELATION. </pre>
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Variables Created	FAC1_4	Component score 1

Correlation Matrix^a

		PM1	PM2	PM3	PM4	PM5	PM6	PM7	PM8	PM9	PM1 0	PM1 1
Correlation	PM1	1,000	,787	,667	,795	,805	,757	,705	,753	,786	,787	,773
	PM2	,787	1,000	,721	,701	,759	,753	,655	,832	,747	,700	,754
	PM3	,667	,721	1,000	,688	,758	,792	,748	,764	,693	,724	,748
	PM4	,795	,701	,688	1,000	,863	,666	,724	,817	,638	,885	,788
	PM5	,805	,759	,758	,863	1,000	,747	,809	,835	,741	,876	,868
	PM6	,757	,753	,792	,666	,747	1,000	,764	,776	,815	,712	,792
	PM7	,705	,655	,748	,724	,809	,764	1,000	,766	,767	,804	,834
	PM8	,753	,832	,764	,817	,835	,776	,766	1,000	,781	,814	,890
	PM9	,786	,747	,693	,638	,741	,815	,767	,781	1,000	,733	,763
	PM1 0	,787	,700	,724	,885	,876	,712	,804	,814	,733	1,000	,877
PM1 1	,773	,754	,748	,788	,868	,792	,834	,890	,763	,877	1,000	
Sig. (1- tailed)	PM1		,000	,000	,000	,000	,000	,000	,000	,000	,000	,000
	PM2	,000		,000	,000	,000	,000	,000	,000	,000	,000	,000
	PM3	,000	,000		,000	,000	,000	,000	,000	,000	,000	,000
	PM4	,000	,000	,000		,000	,000	,000	,000	,000	,000	,000
	PM5	,000	,000	,000	,000		,000	,000	,000	,000	,000	,000
	PM6	,000	,000	,000	,000	,000		,000	,000	,000	,000	,000
	PM7	,000	,000	,000	,000	,000	,000		,000	,000	,000	,000
	PM8	,000	,000	,000	,000	,000	,000	,000		,000	,000	,000
	PM9	,000	,000	,000	,000	,000	,000	,000	,000		,000	,000
	PM1 0	,000	,000	,000	,000	,000	,000	,000	,000	,000		,000
PM1 1	,000	,000	,000	,000	,000	,000	,000	,000	,000	,000		

a. Determinant = 3.49E-007

Inverse of Correlation Matrix

	PM1	PM2	PM3	PM4	PM5	PM6	PM7	PM8	PM9	PM10	PM11
PM1	5,362	-1,762	,453	-2,574	-,521	-,658	,462	2,162	-1,963	,189	-1,130
PM2	-1,762	4,539	-,610	,745	-,717	-,439	,602	-2,771	-,130	,249	,625
PM3	,453	-,610	3,627	,116	-,696	-1,624	-,789	-,715	,424	-,567	,665
PM4	-2,574	,745	,116	8,254	-2,370	-,270	-,287	-4,047	2,513	-4,701	3,153
PM5	-,521	-,717	-,696	-2,370	7,210	,359	-,909	,448	-,295	-,735	-1,979
PM6	-,658	-,439	-1,624	-,270	,359	4,910	-,436	,376	-1,676	1,076	-1,570
PM7	,462	,602	-,789	-,287	-,909	-,436	4,578	,552	-1,305	-,522	-1,718
PM8	2,162	-2,771	-,715	-4,047	,448	,376	,552	9,386	-2,321	1,919	-5,275
PM9	-1,963	-,130	,424	2,513	-,295	-1,676	-1,305	-2,321	5,153	-1,691	1,607
PM10	,189	,249	-,567	-4,701	-,735	1,076	-,522	1,919	-1,691	8,942	-4,242
PM11	-1,130	,625	,665	3,153	-1,979	-1,570	-1,718	-5,275	1,607	-4,242	10,005

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,911
Bartlett's Test of Sphericity	Approx. Chi-Square	364,254
	df	55
	Sig.	,000

Anti-image Matrices

		PM1	PM2	PM3	PM4	PM5	PM6	PM7	PM8	PM9	PM10	PM11
Anti-image	PM1	,187	-,072	,023	-,058	-,013	-,025	,019	,043	-,071	,004	-,021
Covariance	PM2	-,072	,220	-,037	,020	-,022	-,020	,029	-,065	-,006	,006	,014
	PM3	,023	-,037	,276	,004	-,027	-,091	-,048	-,021	,023	-,017	,018
	PM4	-,058	,020	,004	,121	-,040	-,007	-,008	-,052	,059	-,064	,038
	PM5	-,013	-,022	-,027	-,040	,139	,010	-,028	,007	-,008	-,011	-,027
	PM6	-,025	-,020	-,091	-,007	,010	,204	-,019	,008	-,066	,025	-,032
	PM7	,019	,029	-,048	-,008	-,028	-,019	,218	,013	-,055	-,013	-,038
	PM8	,043	-,065	-,021	-,052	,007	,008	,013	,107	-,048	,023	-,056
	PM9	-,071	-,006	,023	,059	-,008	-,066	-,055	-,048	,194	-,037	,031
	PM10	,004	,006	-,017	-,064	-,011	,025	-,013	,023	-,037	,112	-,047
	PM11	-,021	,014	,018	,038	-,027	-,032	-,038	-,056	,031	-,047	,100
Anti-image	PM1	,910 ^a	-,357	,103	-,387	-,084	-,128	,093	,305	-,373	,027	-,154
Correlation	PM2	-,357	,933 ^a	-,150	,122	-,125	-,093	,132	-,425	-,027	,039	,093
	PM3	,103	-,150	,949 ^a	,021	-,136	-,385	-,194	-,123	,098	-,100	,110
	PM4	-,387	,122	,021	,847 ^a	-,307	-,042	-,047	-,460	,385	-,547	,347
	PM5	-,084	-,125	-,136	-,307	,966 ^a	,060	-,158	,054	-,048	-,092	-,233
	PM6	-,128	-,093	-,385	-,042	,060	,938 ^a	-,092	,055	-,333	,162	-,224
	PM7	,093	,132	-,194	-,047	-,158	-,092	,958 ^a	,084	-,269	-,082	-,254
	PM8	,305	-,425	-,123	-,460	,054	,055	,084	,870 ^a	-,334	,209	-,544
	PM9	-,373	-,027	,098	,385	-,048	-,333	-,269	-,334	,888 ^a	-,249	,224
	PM10	,027	,039	-,100	-,547	-,092	,162	-,082	,209	-,249	,905 ^a	-,448
	PM11	-,154	,093	,110	,347	-,233	-,224	-,254	-,544	,224	-,448	,882 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
PM1	1,000	,776
PM2	1,000	,738
PM3	1,000	,718
PM4	1,000	,769
PM5	1,000	,861
PM6	1,000	,767
PM7	1,000	,770
PM8	1,000	,854
PM9	1,000	,747
PM10	1,000	,833
PM11	1,000	,866

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	8,699	79,081	79,081	8,699	79,081	79,081
2	,550	5,002	84,083			
3	,416	3,785	87,868			
4	,342	3,105	90,973			
5	,259	2,357	93,331			
6	,175	1,589	94,920			
7	,159	1,449	96,369			
8	,130	1,186	97,556			
9	,119	1,081	98,636			
10	,107	,976	99,613			
11	,043	,387	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
PM1	,881
PM2	,859
PM3	,848
PM4	,877
PM5	,928
PM6	,876
PM7	,877
PM8	,924
PM9	,864
PM10	,913
PM11	,931

Extraction Method:

Principal Component

Analysis.

a. 1 components

extracted.

Reproduced Correlations

		PM1	PM2	PM3	PM4	PM5	PM6	PM7	PM8	PM9	PM1 0	PM1 1
Reproduced Correlation	PM1	,776 _a	,756	,746	,772	,817	,771	,773	,814	,761	,804	,820
	PM2	,756	,738 _a	,728	,753	,797	,752	,754	,794	,743	,784	,799
	PM3	,746	,728	,718 _a	,743	,786	,742	,744	,783	,733	,774	,789
	PM4	,772	,753	,743	,769 _a	,814	,768	,770	,810	,758	,801	,816
	PM5	,817	,797	,786	,814	,861 _a	,812	,814	,857	,802	,847	,864
	PM6	,771	,752	,742	,768	,812	,767 _a	,768	,809	,757	,799	,815
	PM7	,773	,754	,744	,770	,814	,768	,770 _a	,811	,758	,801	,817
	PM8	,814	,794	,783	,810	,857	,809	,811	,854 _a	,799	,844	,860
	PM9	,761	,743	,733	,758	,802	,757	,758	,799	,747 _a	,789	,805
	PM1 0	,804	,784	,774	,801	,847	,799	,801	,844	,789	,833 ^a	,850
PM1 1	,820	,799	,789	,816	,864	,815	,817	,860	,805	,850	,866 ^a	
Residual ^b	PM1		,030	-,079	,022	-,012	-,014	-,067	-,061	,024	-,017	-,047
	PM2	,030		-,007	-,052	-,038	,001	-,098	,038	,005	-,084	-,046
	PM3	-,079	-,007		-,055	-,029	,050	,004	-,019	-,040	-,050	-,041
	PM4	,022	-,052	-,055		,049	-,102	-,046	,006	-,120	,085	-,028
	PM5	-,012	-,038	-,029	,049		-,065	-,005	-,022	-,061	,029	,004
	PM6	-,014	,001	,050	-,102	-,065		-,005	-,033	,058	-,087	-,023
	PM7	-,067	-,098	,004	-,046	-,005	-,005		-,044	,009	,003	,018
	PM8	-,061	,038	-,019	,006	-,022	-,033	-,044		-,018	-,029	,030
	PM9	,024	,005	-,040	-,120	-,061	,058	,009	-,018		-,056	-,042
	PM1 0	-,017	-,084	-,050	,085	,029	-,087	,003	-,029	-,056		,027
	PM1 1	-,047	-,046	-,041	-,028	,004	-,023	,018	,030	-,042	,027	

Extraction Method: Principal Component Analysis.

- a. Reproduced communalities
 b. Residuals are computed between observed and reproduced correlations. There are 15 (27.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated
Component
Matrix^a**

--

- a. Only one component was extracted. The solution cannot be rotated.

**Component Score
Coefficient Matrix**

	Component
	1
PM1	,101
PM2	,099
PM3	,097
PM4	,101
PM5	,107
PM6	,101
PM7	,101
PM8	,106
PM9	,099
PM10	,105
PM11	,107

Extraction Method:
Principal Component Analysis.
 Rotation Method:
Varimax with Kaiser Normalization.
 Component Scores.

Component Score**Covariance Matrix**

Component	1
1	1,000

Extraction Method:

Principal Component

Analysis.

Rotation Method: Varimax
with Kaiser Normalization.

Component Scores.

```

FACTOR
/VARIABLES NP1 NP2
/MISSING LISTWISE
/ANALYSIS NP1 NP2
/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION
ROTATION FSCORE
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/SAVE REG(ALL)
/METHOD=CORRELATION.

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Factor Analysis

Notes

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Missing Value Handling	N of Rows in Working Data File	30
	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<p>FACTOR</p> <p>/VARIABLES NP1 NP2</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS NP1 NP2</p> <p>/PRINT INITIAL CORRELATION SIG DET</p> <p>KMO INV REPR AIC EXTRACTION</p> <p>ROTATION FSCORE</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION PC</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION VARIMAX</p> <p>/SAVE REG(ALL)</p> <p>/METHOD=CORRELATION.</p>
Resources	Processor Time	00:00:00.13
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	Maximum Memory Required	1192 (1.164K) bytes
Variables Created	FAC1_5	Component score 1

Correlation Matrix^a

		NP1	NP2
Correlation	NP1	1,000	,867
	NP2	,867	1,000
Sig. (1-tailed)	NP1		,000
	NP2	,000	

a. Determinant = .248

Inverse of Correlation Matrix

	NP1	NP2
NP1	4,025	-3,489
NP2	-3,489	4,025

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,500
Bartlett's Test of Sphericity	Approx. Chi-Square	38,293
	df	1
	Sig.	,000

Anti-image Matrices

		NP1	NP2
Anti-image Covariance	NP1	,248	-,215
	NP2	-,215	,248
Anti-image Correlation	NP1	,500 ^a	-,867
	NP2	-,867	,500 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
NP1	1,000	,933
NP2	1,000	,933

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1,867	93,346	93,346	1,867	93,346	93,346
2	,133	6,654	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
NP1	,966
NP2	,966

Extraction Method:

Principal Component

Analysis.

a. 1 components

extracted.

Reproduced Correlations

		NP1	NP2
Reproduced Correlation	NP1	,933 ^a	,933
	NP2	,933	,933 ^a
Residual ^b	NP1		-,067
	NP2	-,067	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 1 (100.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated
Component
Matrix^a**

--

a. Only one component was extracted. The solution cannot be rotated.

**Component Score
Coefficient Matrix**

	Component
	1
NP1	,518
NP2	,518

Extraction Method:
Principal Component
Analysis.
Rotation Method:
Varimax with Kaiser
Normalization.
Component Scores.

Component Score**Covariance Matrix**

Component	1
1	1,000

Extraction Method:

Principal Component

Analysis.

Rotation Method: Varimax

with Kaiser Normalization.

Component Scores.

FACTOR

/VARIABLES NP1 NP2

/MISSING LISTWISE

/ANALYSIS NP1 NP2

/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION

ROTATION FSCORE

/CRITERIA MINEIGEN(1) ITERATE(25)

/EXTRACTION PC

/CRITERIA ITERATE(25)

/ROTATION VARIMAX

/SAVE REG(ALL)

/METHOD=CORRELATION.

Factor Analysis

Notes

Output Created		13-NOV-2015 16:48:20
Comments		
Input	Data	C:\Users\user\Documents\Tesis\Public\Dodi\KMO.sav
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	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<p>FACTOR</p> <p>/VARIABLES NP1 NP2</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS NP1 NP2</p> <p>/PRINT INITIAL CORRELATION SIG DET</p> <p>KMO INV REPR AIC EXTRACTION</p> <p>ROTATION FSCORE</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION PC</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION VARIMAX</p> <p>/SAVE REG(ALL)</p> <p>/METHOD=CORRELATION.</p>
Resources	Processor Time	00:00:00.11
	Elapsed Time	00:00:00.16
	Maximum Memory Required	1192 (1.164K) bytes
Variables Created	FAC1_6	Component score 1

Correlation Matrix^a

		NP1	NP2
Correlation	NP1	1,000	,867
	NP2	,867	1,000
Sig. (1-tailed)	NP1		,000
	NP2	,000	

a. Determinant = .248

Inverse of Correlation Matrix

	NP1	NP2
NP1	4,025	-3,489
NP2	-3,489	4,025

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,500
Bartlett's Test of Sphericity	Approx. Chi-Square	38,293
	df	1
	Sig.	,000

Anti-image Matrices

		NP1	NP2
Anti-image Covariance	NP1	,248	-,215
	NP2	-,215	,248
Anti-image Correlation	NP1	,500 ^a	-,867
	NP2	-,867	,500 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
NP1	1,000	,933
NP2	1,000	,933

Extraction Method: Principal
Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1,867	93,346	93,346	1,867	93,346	93,346
2	,133	6,654	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
NP1	,966
NP2	,966

Extraction Method:

Principal Component
Analysis.

a. 1 components
extracted.

Reproduced Correlations

		NP1	NP2
Reproduced Correlation	NP1	,933 ^a	,933
	NP2	,933	,933 ^a
Residual ^b	NP1		-,067
	NP2	-,067	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 1 (100.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated
Component
Matrix^a**

--

a. Only one component was extracted. The solution cannot be rotated.

**Component Score
Coefficient Matrix**

	Component
	1
NP1	,518
NP2	,518

Extraction Method:
Principal Component Analysis.
Rotation Method:
Varimax with Kaiser Normalization.
Component Scores.

**Component Score
Covariance Matrix**

Component	1
1	1,000

Extraction Method:
Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.
Component Scores.

```
FACTOR
/VARIABLES NP1 NP2
/MISSING LISTWISE
/ANALYSIS NP1 NP2
/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION
ROTATION FSCORE
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/SAVE REG(ALL)
/METHOD=CORRELATION.
```

Factor Analysis

Notes

Output Created		13-NOV-2015 16:54:10
Comments		
Input	Data	C:\Users\user\Documents\Tesis\Public\Dodi\KMO.sav
	Active Dataset	DataSet1
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	Weight	<none>
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	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<p>FACTOR</p> <p>/VARIABLES NP1 NP2</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS NP1 NP2</p> <p>/PRINT INITIAL CORRELATION SIG DET</p> <p>KMO INV REPR AIC EXTRACTION</p> <p>ROTATION FSCORE</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION PC</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION VARIMAX</p> <p>/SAVE REG(ALL)</p> <p>/METHOD=CORRELATION.</p>
Resources	Processor Time	00:00:00.16
	Elapsed Time	00:00:00.19
	Maximum Memory Required	1192 (1.164K) bytes
Variables Created	FAC1_7	Component score 1

Correlation Matrix^a

		NP1	NP2
Correlation	NP1	1,000	,867
	NP2	,867	1,000
Sig. (1-tailed)	NP1		,000
	NP2	,000	

a. Determinant = .248

Inverse of Correlation Matrix

	NP1	NP2
NP1	4,025	-3,489
NP2	-3,489	4,025

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,500
Bartlett's Test of Sphericity	Approx. Chi-Square	38,293
	df	1
Sig.		,000

Anti-image Matrices

		NP1	NP2
Anti-image Covariance	NP1	,248	-,215
	NP2	-,215	,248
Anti-image Correlation	NP1	,500 ^a	-,867
	NP2	-,867	,500 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
NP1	1,000	,933
NP2	1,000	,933

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1,867	93,346	93,346	1,867	93,346	93,346
2	,133	6,654	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
NP1	,966
NP2	,966

Extraction Method:

Principal Component
Analysis.

a. 1 components
extracted.

Reproduced Correlations

		NP1	NP2
Reproduced Correlation	NP1	,933 ^a	,933
	NP2	,933	,933 ^a
Residual ^b	NP1		-,067
	NP2	-,067	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 1 (100.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated
Component
Matrix^a**

--

a. Only one component was extracted. The solution cannot be rotated.

**Component Score
Coefficient Matrix**

	Component
	1
NP1	,518
NP2	,518

Extraction Method:
Principal Component
Analysis.
Rotation Method:
Varimax with Kaiser
Normalization.
Component Scores.

Component Score**Covariance Matrix**

Component	1
1	1,000

Extraction Method:

Principal Component

Analysis.

Rotation Method: Varimax

with Kaiser Normalization.

Component Scores.

FACTOR

/VARIABLES NL1 NL2 NL3

/MISSING LISTWISE

/ANALYSIS NL1 NL2 NL3

/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION

ROTATION FSCORE

/CRITERIA MINEIGEN(1) ITERATE(25)

/EXTRACTION PC

/CRITERIA ITERATE(25)

/ROTATION VARIMAX

/SAVE REG(ALL)

/METHOD=CORRELATION.

Factor Analysis

Notes

Output Created		13-NOV-2015 16:54:43
Comments		
Input	Data	C:\Users\user\Documents\Tesis\Public\Dodi \KMO.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<p>FACTOR</p> <p>/VARIABLES NL1 NL2 NL3</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS NL1 NL2 NL3</p> <p>/PRINT INITIAL CORRELATION SIG DET</p> <p>KMO INV REPR AIC EXTRACTION</p> <p>ROTATION FSCORE</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION PC</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION VARIMAX</p> <p>/SAVE REG(ALL)</p> <p>/METHOD=CORRELATION.</p>
Resources	Processor Time	00:00:00.27
	Elapsed Time	00:00:00.34
	Maximum Memory Required	2028 (1.980K) bytes
Variables Created	FAC1_8	Component score 1

Correlation Matrix^a

		NL1	NL2	NL3
Correlation	NL1	1,000	,758	,827
	NL2	,758	1,000	,825
	NL3	,827	,825	1,000
Sig. (1-tailed)	NL1		,000	,000
	NL2	,000		,000
	NL3	,000	,000	

a. Determinant = .095

Inverse of Correlation Matrix

	NL1	NL2	NL3
NL1	3,351	-,798	-2,111
NL2	-,798	3,327	-2,086
NL3	-2,111	-2,086	4,468

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,750
Bartlett's Test of Sphericity	Approx. Chi-Square	63,907
	df	3
	Sig.	,000

Anti-image Matrices

		NL1	NL2	NL3
Anti-image Covariance	NL1	,298	-,072	-,141
	NL2	-,072	,301	-,140
	NL3	-,141	-,140	,224
Anti-image Correlation	NL1	,780 ^a	-,239	-,546
	NL2	-,239	,782 ^a	-,541
	NL3	-,546	-,541	,698 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
NL1	1,000	,854
NL2	1,000	,853
NL3	1,000	,901

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	2,607	86,910	86,910	2,607	86,910	86,910
2	,242	8,059	94,969			
3	,151	5,031	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
NL1	,924
NL2	,923
NL3	,949

Extraction Method:

Principal Component

Analysis.

a. 1 components

extracted.

Reproduced Correlations

		NL1	NL2	NL3
Reproduced Correlation	NL1	,854 ^a	,853	,877
	NL2	,853	,853 ^a	,877
	NL3	,877	,877	,901 ^a
Residual ^b	NL1		-,095	-,050
	NL2	-,095		-,051
	NL3	-,050	-,051	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 3 (100.0%) nonredundant residuals with absolute values greater than 0.05.

Rotated**Component****Matrix^a**

--

a. Only one component was extracted.

The solution cannot be rotated.

Component Score**Coefficient Matrix**

	Component
	1
NL1	,354
NL2	,354
NL3	,364

Extraction Method:

Principal Component

Analysis.

Rotation Method:

Varimax with Kaiser

Normalization.

Component Scores.

Component Score**Covariance Matrix**

Component	1
1	1,000

Extraction Method:

Principal Component

Analysis.

Rotation Method: Varimax

with Kaiser Normalization.

Component Scores.

FACTOR

/VARIABLES NC1 NC2

/MISSING LISTWISE

/ANALYSIS NC1 NC2

/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION

ROTATION FSCORE

/CRITERIA MINEIGEN(1) ITERATE(25)

/EXTRACTION PC

/CRITERIA ITERATE(25)

/ROTATION VARIMAX

/SAVE REG(ALL)

/METHOD=CORRELATION.

Factor Analysis

Notes

Output Created		13-NOV-2015 16:55:13
Comments		
Input	Data	C:\Users\user\Documents\Tesis\Public\Dodi \KMO.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<p>FACTOR</p> <p>/VARIABLES NC1 NC2</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS NC1 NC2</p> <p>/PRINT INITIAL CORRELATION SIG DET</p> <p>KMO INV REPR AIC EXTRACTION</p> <p>ROTATION FSCORE</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION PC</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION VARIMAX</p> <p>/SAVE REG(ALL)</p> <p>/METHOD=CORRELATION.</p>
Resources	Processor Time	00:00:00.09
	Elapsed Time	00:00:00.16
	Maximum Memory Required	1192 (1.164K) bytes
Variables Created	FAC1_9	Component score 1

Correlation Matrix^a

		NC1	NC2
Correlation	NC1	1,000	,833
	NC2	,833	1,000
Sig. (1-tailed)	NC1		,000
	NC2	,000	

a. Determinant = .306

Inverse of Correlation Matrix

	NC1	NC2
NC1	3,263	-2,718
NC2	-2,718	3,263

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,500
Bartlett's Test of Sphericity	Approx. Chi-Square	32,524
	df	1
	Sig.	,000

Anti-image Matrices

		NC1	NC2
Anti-image Covariance	NC1	,306	-,255
	NC2	-,255	,306
Anti-image Correlation	NC1	,500 ^a	-,833
	NC2	-,833	,500 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
NC1	1,000	,916
NC2	1,000	,916

Extraction Method: Principal
Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1,833	91,640	91,640	1,833	91,640	91,640
2	,167	8,360	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
NC1	,957
NC2	,957

Extraction Method:

Principal Component

Analysis.

a. 1 components

extracted.

Reproduced Correlations

		NC1	NC2
Reproduced Correlation	NC1	,916 ^a	,916
	NC2	,916	,916 ^a
Residual ^b	NC1		-,084
	NC2	-,084	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 1 (100.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated
Component
Matrix^a**

--

a. Only one component was extracted. The solution cannot be rotated.

**Component Score
Coefficient Matrix**

	Component
	1
NC1	,522
NC2	,522

Extraction Method:
Principal Component
Analysis.
Rotation Method:
Varimax with Kaiser
Normalization.
Component Scores.

Component Score**Covariance Matrix**

Component	1
1	1,000

Extraction Method:

Principal Component

Analysis.

Rotation Method: Varimax
with Kaiser Normalization.

Component Scores.

FACTOR

/VARIABLES NH1 NH2

/MISSING LISTWISE

/ANALYSIS NH1 NH2

/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION

ROTATION FSCORE

/CRITERIA MINEIGEN(1) ITERATE(25)

/EXTRACTION PC

/CRITERIA ITERATE(25)

/ROTATION VARIMAX

/SAVE REG(ALL)

/METHOD=CORRELATION.

Factor Analysis

Notes

Output Created		13-NOV-2015 16:55:39
Comments		
Input	Data	C:\Users\user\Documents\Tesis\Public\Dodi\KMO.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<p>FACTOR</p> <p>/VARIABLES NH1 NH2</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS NH1 NH2</p> <p>/PRINT INITIAL CORRELATION SIG DET</p> <p>KMO INV REPR AIC EXTRACTION</p> <p>ROTATION FSCORE</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION PC</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION VARIMAX</p> <p>/SAVE REG(ALL)</p> <p>/METHOD=CORRELATION.</p>
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.23
	Maximum Memory Required	1192 (1.164K) bytes
Variables Created	FAC1_10	Component score 1

Correlation Matrix^a

		NH1	NH2
Correlation	NH1	1,000	,832
	NH2	,832	1,000
Sig. (1-tailed)	NH1		,000
	NH2	,000	

a. Determinant = .308

Inverse of Correlation Matrix

	NH1	NH2
NH1	3,251	-2,706
NH2	-2,706	3,251

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,500
Bartlett's Test of Sphericity	Approx. Chi-Square	32,425
	df	1
	Sig.	,000

Anti-image Matrices

		NH1	NH2
Anti-image Covariance	NH1	,308	-,256
	NH2	-,256	,308
Anti-image Correlation	NH1	,500 ^a	-,832
	NH2	-,832	,500 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
NH1	1,000	,916
NH2	1,000	,916

Extraction Method: Principal
Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1,832	91,607	91,607	1,832	91,607	91,607
2	,168	8,393	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
NH1	,957
NH2	,957

Extraction Method:

Principal Component
Analysis.

a. 1 components
extracted.

Reproduced Correlations

		NH1	NH2
Reproduced Correlation	NH1	,916 ^a	,916
	NH2	,916	,916 ^a
Residual ^b	NH1		-,084
	NH2	-,084	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 1 (100.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated
Component
Matrix^a**

--

a. Only one component was extracted. The solution cannot be rotated.

**Component Score
Coefficient Matrix**

	Component
	1
NH1	,522
NH2	,522

Extraction Method:
Principal Component Analysis.
Rotation Method:
Varimax with Kaiser Normalization.
Component Scores.

**Component Score
Covariance Matrix**

Component	1
1	1,000

Extraction Method:
Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.
Component Scores.

```
FACTOR
/VARIABLES BW1 BW2
/MISSING LISTWISE
/ANALYSIS BW1 BW2
/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION
ROTATION FSCORE
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/SAVE REG(ALL)
/METHOD=CORRELATION.
```

Factor Analysis

Notes

Output Created		13-NOV-2015 16:56:18
Comments		
Input	Data	C:\Users\user\Documents\Tesis\Public\Dodi\KMO.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<p>FACTOR</p> <p>/VARIABLES BW1 BW2</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS BW1 BW2</p> <p>/PRINT INITIAL CORRELATION SIG DET</p> <p>KMO INV REPR AIC EXTRACTION</p> <p>ROTATION FSCORE</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION PC</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION VARIMAX</p> <p>/SAVE REG(ALL)</p> <p>/METHOD=CORRELATION.</p>
Resources	Processor Time	00:00:00.09
	Elapsed Time	00:00:00.09
	Maximum Memory Required	1192 (1.164K) bytes
Variables Created	FAC1_11	Component score 1

Correlation Matrix^a

		BW1	BW2
Correlation	BW1	1,000	,754
	BW2	,754	1,000
Sig. (1-tailed)	BW1		,000
	BW2	,000	

a. Determinant = .431

Inverse of Correlation Matrix

	BW1	BW2
BW1	2,321	-1,751
BW2	-1,751	2,321

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,500
Bartlett's Test of Sphericity	Approx. Chi-Square	23,155
	df	1
	Sig.	,000

Anti-image Matrices

		BW1	BW2
Anti-image Covariance	BW1	,431	-,325
	BW2	-,325	,431
Anti-image Correlation	BW1	,500 ^a	-,754
	BW2	-,754	,500 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
BW1	1,000	,877
BW2	1,000	,877

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1,754	87,721	87,721	1,754	87,721	87,721
2	,246	12,279	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
BW1	,937
BW2	,937

Extraction Method:

Principal Component

Analysis.

a. 1 components

extracted.

Reproduced Correlations

		BW1	BW2
Reproduced Correlation	BW1	,877 ^a	,877
	BW2	,877	,877 ^a
Residual ^b	BW1		-,123
	BW2	-,123	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 1 (100.0%) nonredundant residuals with absolute values greater than 0.05.

Rotated**Component****Matrix^a**

--

a. Only one component was extracted. The solution cannot be rotated.

Component Score**Coefficient Matrix**

	Component
	1
BW1	,534
BW2	,534

Extraction Method:

Principal Component Analysis.

Rotation Method:

Varimax with Kaiser

Normalization.

Component Scores.

Component Score**Covariance Matrix**

Component	1
1	1,000

Extraction Method:

Principal Component

Analysis.

Rotation Method: Varimax

with Kaiser Normalization.

Component Scores.

```

FACTOR
/VARIABLES BT1 BT2
/MISSING LISTWISE
/ANALYSIS BT1 BT2
/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION
ROTATION FSCORE
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/SAVE REG(ALL)
/METHOD=CORRELATION.

```

Factor Analysis

Notes

Output Created		13-NOV-2015 16:56:40
Comments		
Input	Data	C:\Users\user\Documents\Tesis\Public\Dodi \KMO.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		FACTOR /VARIABLES BT1 BT2 /MISSING LISTWISE /ANALYSIS BT1 BT2 /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION FSCORE /CRITERIA MINEIGEN(1) ITERATE(25) /EXTRACTION PC /CRITERIA ITERATE(25) /ROTATION VARIMAX /SAVE REG(ALL) /METHOD=CORRELATION.
Resources	Processor Time	00:00:00.16
	Elapsed Time	00:00:00.25
	Maximum Memory Required	1192 (1.164K) bytes
Variables Created	FAC1_12	Component score 1

Correlation Matrix^a

		BT1	BT2
Correlation	BT1	1,000	,689
	BT2	,689	1,000
Sig. (1-tailed)	BT1		,000
	BT2	,000	

a. Determinant = .525

Inverse of Correlation Matrix

	BT1	BT2
BT1	1,903	-1,311
BT2	-1,311	1,903

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,500
Bartlett's Test of Sphericity	Approx. Chi-Square	17,699
	df	1
	Sig.	,000

Anti-image Matrices

		BT1	BT2
Anti-image Covariance	BT1	,525	-,362
	BT2	-,362	,525
Anti-image Correlation	BT1	,500 ^a	-,689
	BT2	-,689	,500 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
BT1	1,000	,844
BT2	1,000	,844

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1,689	84,445	84,445	1,689	84,445	84,445
2	,311	15,555	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
BT1	,919
BT2	,919

Extraction Method:

Principal Component

Analysis.

a. 1 components

extracted.

Reproduced Correlations

		BT1	BT2
Reproduced Correlation	BT1	,844 ^a	,844
	BT2	,844	,844 ^a
Residual ^b	BT1		-,156
	BT2	-,156	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 1 (100.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated
Component
Matrix^a**

--

a. Only one component was extracted. The solution cannot be rotated.

**Component Score
Coefficient Matrix**

	Component
	1
BT1	,544
BT2	,544

Extraction Method:
Principal Component
Analysis.
Rotation Method:
Varimax with Kaiser
Normalization.
Component Scores.

Component Score**Covariance Matrix**

Component	1
1	1,000

Extraction Method:

Principal Component

Analysis.

Rotation Method: Varimax
with Kaiser Normalization.

Component Scores.

FACTOR

/VARIABLES NB1 NB2

/MISSING LISTWISE

/ANALYSIS NB1 NB2

/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION

ROTATION FSCORE

/CRITERIA MINEIGEN(1) ITERATE(25)

/EXTRACTION PC

/CRITERIA ITERATE(25)

/ROTATION VARIMAX

/SAVE REG(ALL)

/METHOD=CORRELATION.

Factor Analysis

Notes

Output Created		13-NOV-2015 16:57:09
Comments		
Input	Data	C:\Users\user\Documents\Tesis\Public\Dodi \KMO.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	30
Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<p>FACTOR</p> <p>/VARIABLES NB1 NB2</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS NB1 NB2</p> <p>/PRINT INITIAL CORRELATION SIG DET</p> <p>KMO INV REPR AIC EXTRACTION</p> <p>ROTATION FSCORE</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION PC</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION VARIMAX</p> <p>/SAVE REG(ALL)</p> <p>/METHOD=CORRELATION.</p>
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:00.16
	Maximum Memory Required	1192 (1.164K) bytes
Variables Created	FAC1_13	Component score 1

Correlation Matrix^a

		NB1	NB2
Correlation	NB1	1,000	,808
	NB2	,808	1,000
Sig. (1-tailed)	NB1		,000
	NB2	,000	

a. Determinant = .347

Inverse of Correlation Matrix

	NB1	NB2
NB1	2,880	-2,327
NB2	-2,327	2,880

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,500
Bartlett's Test of Sphericity	Approx. Chi-Square	29,092
	df	1
	Sig.	,000

Anti-image Matrices

		NB1	NB2
Anti-image Covariance	NB1	,347	-,281
	NB2	-,281	,347
Anti-image Correlation	NB1	,500 ^a	-,808
	NB2	-,808	,500 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
NB1	1,000	,904
NB2	1,000	,904

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1,808	90,399	90,399	1,808	90,399	90,399
2	,192	9,601	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
NB1	,951
NB2	,951

Extraction Method:

Principal Component

Analysis.

a. 1 components

extracted.

Reproduced Correlations

		NB1	NB2
Reproduced Correlation	NB1	,904 ^a	,904
	NB2	,904	,904 ^a
Residual ^b	NB1		-,096
	NB2	-,096	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 1 (100.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated
Component
Matrix^a**

--

a. Only one component was extracted. The solution cannot be rotated.

**Component Score
Coefficient Matrix**

	Component
	1
NB1	,526
NB2	,526

Extraction Method:
Principal Component
Analysis.
Rotation Method:
Varimax with Kaiser
Normalization.
Component Scores.

Component Score**Covariance Matrix**

Component	1
1	1,000

Extraction Method:

Principal Component

Analysis.

Rotation Method: Varimax

with Kaiser Normalization.

Component Scores.

FACTOR

/VARIABLES NB1 NB2

/MISSING LISTWISE

/ANALYSIS NB1 NB2

/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION

ROTATION FSCORE

/CRITERIA MINEIGEN(1) ITERATE(25)

/EXTRACTION PC

/CRITERIA ITERATE(25)

/ROTATION VARIMAX

/SAVE REG(ALL)

/METHOD=CORRELATION.

Factor Analysis

Notes

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Comments		
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Missing Value Handling	Definition of Missing	MISSING=EXCLUDE: User-defined missing values are treated as missing.
	Cases Used	LISTWISE: Statistics are based on cases with no missing values for any variable used.
Syntax		<p>FACTOR</p> <p>/VARIABLES NB1 NB2</p> <p>/MISSING LISTWISE</p> <p>/ANALYSIS NB1 NB2</p> <p>/PRINT INITIAL CORRELATION SIG DET</p> <p>KMO INV REPR AIC EXTRACTION</p> <p>ROTATION FSCORE</p> <p>/CRITERIA MINEIGEN(1) ITERATE(25)</p> <p>/EXTRACTION PC</p> <p>/CRITERIA ITERATE(25)</p> <p>/ROTATION VARIMAX</p> <p>/SAVE REG(ALL)</p> <p>/METHOD=CORRELATION.</p>
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.17
	Maximum Memory Required	1192 (1.164K) bytes
Variables Created	FAC1_14	Component score 1

Correlation Matrix^a

		NB1	NB2
Correlation	NB1	1,000	,808
	NB2	,808	1,000
Sig. (1-tailed)	NB1		,000
	NB2	,000	

a. Determinant = .347

Inverse of Correlation Matrix

	NB1	NB2
NB1	2,880	-2,327
NB2	-2,327	2,880

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		,500
Bartlett's Test of Sphericity	Approx. Chi-Square	29,092
	df	1
Sig.		,000

Anti-image Matrices

		NB1	NB2
Anti-image Covariance	NB1	,347	-,281
	NB2	-,281	,347
Anti-image Correlation	NB1	,500 ^a	-,808
	NB2	-,808	,500 ^a

a. Measures of Sampling Adequacy(MSA)

Communalities

	Initial	Extraction
NB1	1,000	,904
NB2	1,000	,904

Extraction Method: Principal

Component Analysis.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1,808	90,399	90,399	1,808	90,399	90,399
2	,192	9,601	100,000			

Extraction Method: Principal Component Analysis.

Component Matrix^a

	Component
	1
NB1	,951
NB2	,951

Extraction Method:

Principal Component
Analysis.

a. 1 components
extracted.

Reproduced Correlations

		NB1	NB2
Reproduced Correlation	NB1	,904 ^a	,904
	NB2	,904	,904 ^a
Residual ^b	NB1		-,096
	NB2	-,096	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 1 (100.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated
Component
Matrix^a**

--

a. Only one component was extracted. The solution cannot be rotated.

**Component Score
Coefficient Matrix**

	Component
	1
NB1	,526
NB2	,526

Extraction Method:
Principal Component
Analysis.
Rotation Method:
Varimax with Kaiser
Normalization.
Component Scores.

C. Uji One way Annova

```

ONEWAY ProductPricePlacePromotion Perseption Intention BY GenderX
  /STATISTICS HOMOGENEITY
  /PLOT MEANS
  /MISSING ANALYSIS.

```

Oneway

Notes		
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	Split File	<none>
	N of Rows in Working Data File	199
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY ProductPricePlacePromotion Perseption Intention BY GenderX /STATISTICS HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS.
Resources	Processor Time	00:00:08.81
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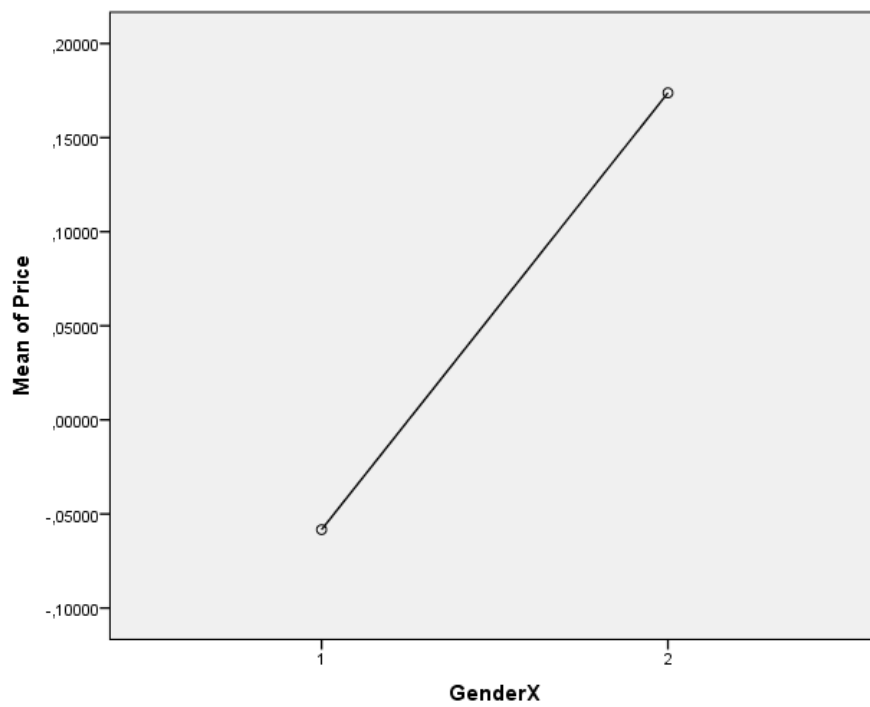
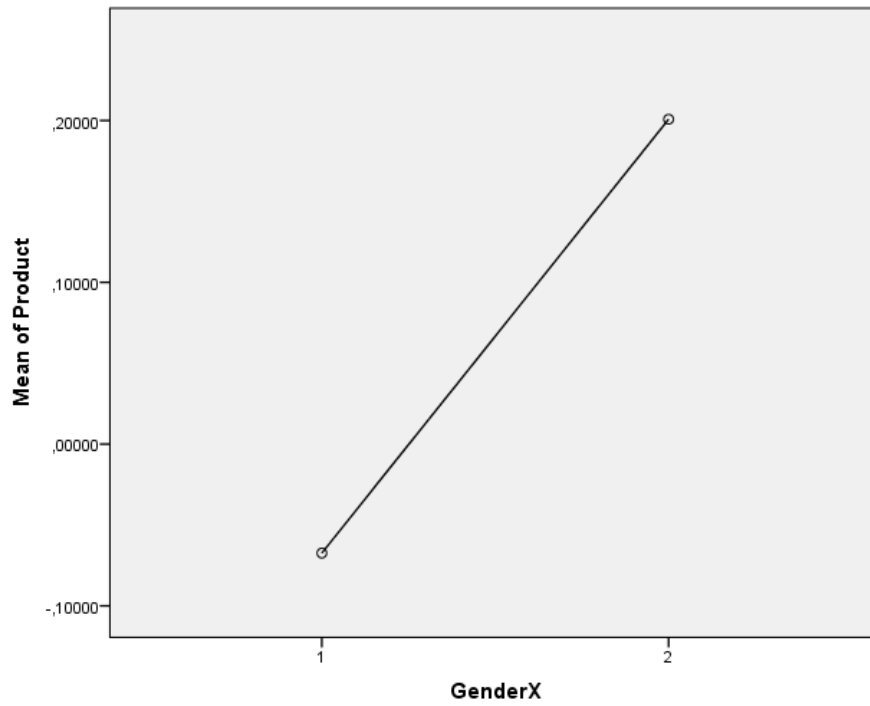
Test of Homogeneity of Variances

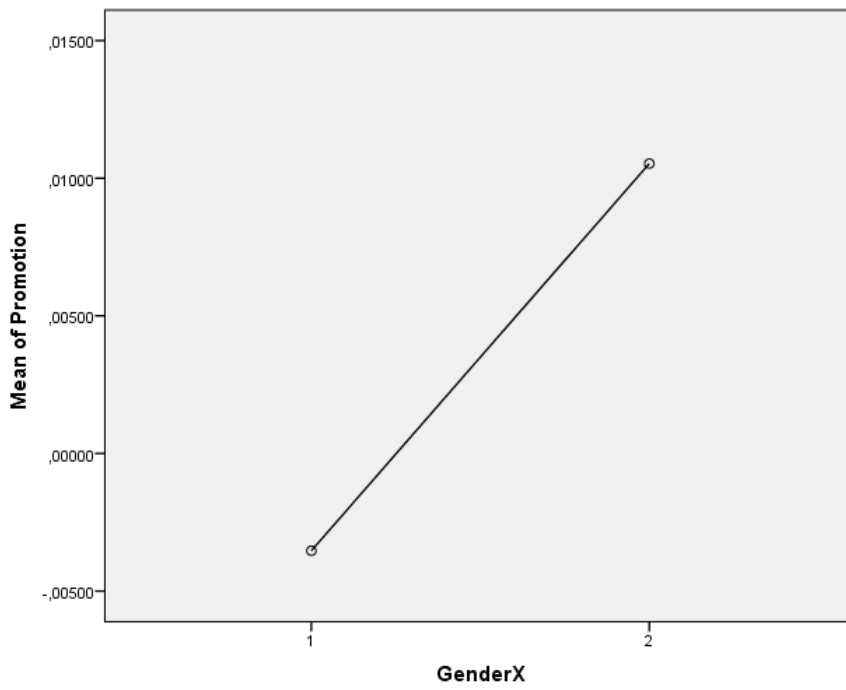
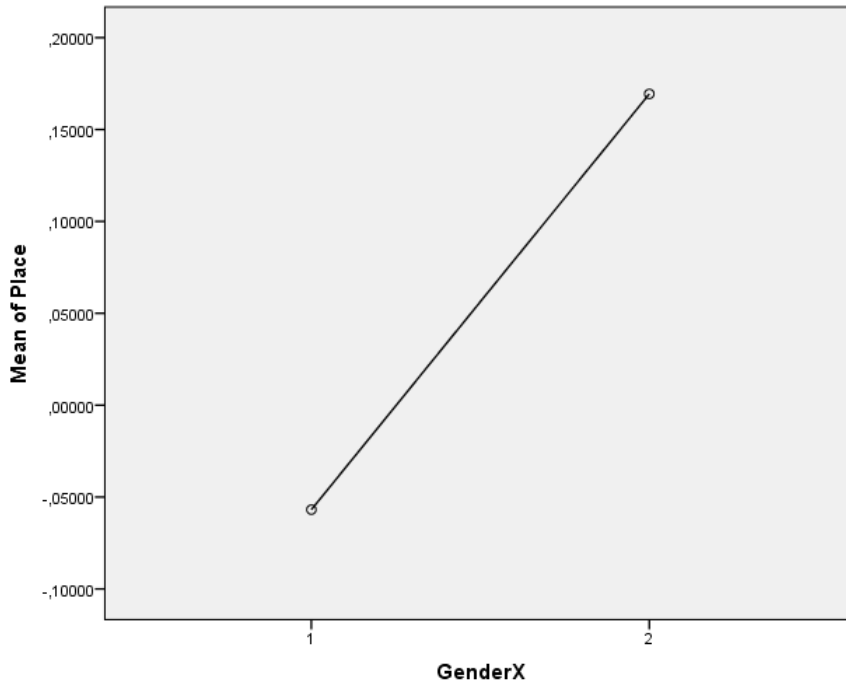
	Levene Statistic	df1	df2	Sig.
<i>Product</i>	8,641	1	197	,004
<i>Price</i>	1,053	1	197	,306
<i>Place</i>	,405	1	197	,525
<i>Promotion</i>	,290	1	197	,591
Perception	,007	1	197	,932
Intention	2,959	1	197	,087

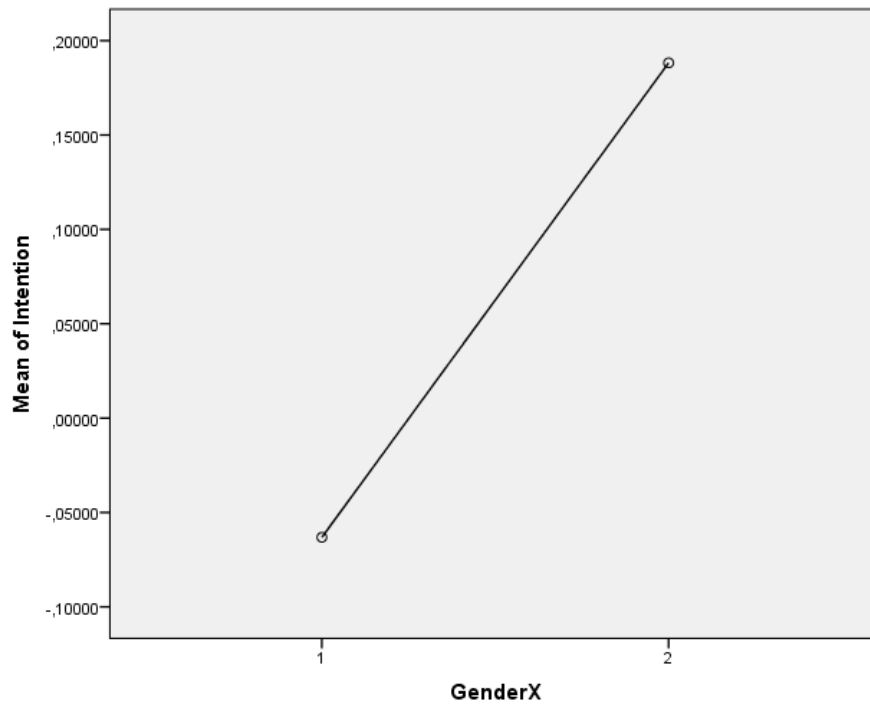
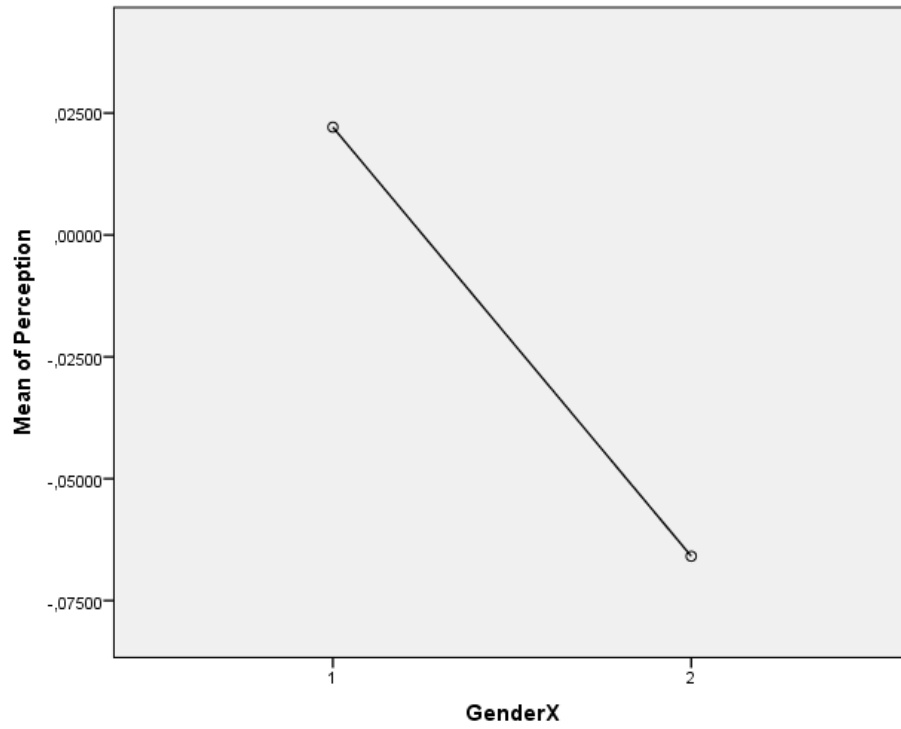
ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
<i>Product</i>	Between Groups	2,693	1	2,693	2,716	,101
	Within Groups	195,307	197	,991		
	Total	198,000	198			
<i>Price</i>	Between Groups	2,017	1	2,017	2,028	,156
	Within Groups	195,983	197	,995		
	Total	198,000	198			
<i>Place</i>	Between Groups	1,916	1	1,916	1,925	,167
	Within Groups	196,084	197	,995		
	Total	198,000	198			
<i>Promotion</i>	Between Groups	,007	1	,007	,007	,932
	Within Groups	197,993	197	1,005		
	Total	198,000	198			
Perception	Between Groups	,290	1	,290	,289	,592
	Within Groups	197,710	197	1,004		
	Total	198,000	198			
Intention	Between Groups	2,366	1	2,366	2,383	,124
	Within Groups	195,634	197	,993		
	Total	198,000	198			

Means Plots







ONEWAY *ProductPricePlacePromotion* Perseption Intention BY
 PekerjaanX
 /STATISTICS HOMOGENEITY
 /PLOT MEANS
 /MISSING ANALYSIS.

Oneway

Notes		
Output Created		18-NOV-2015 22:52:38
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Missing Value Handling	N of Rows in Working Data File	199
	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY <i>ProductPricePlacePromotion</i> Perseption Intention BY PekerjaanX /STATISTICS HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS.
Resources	Processor Time	00:00:04.32
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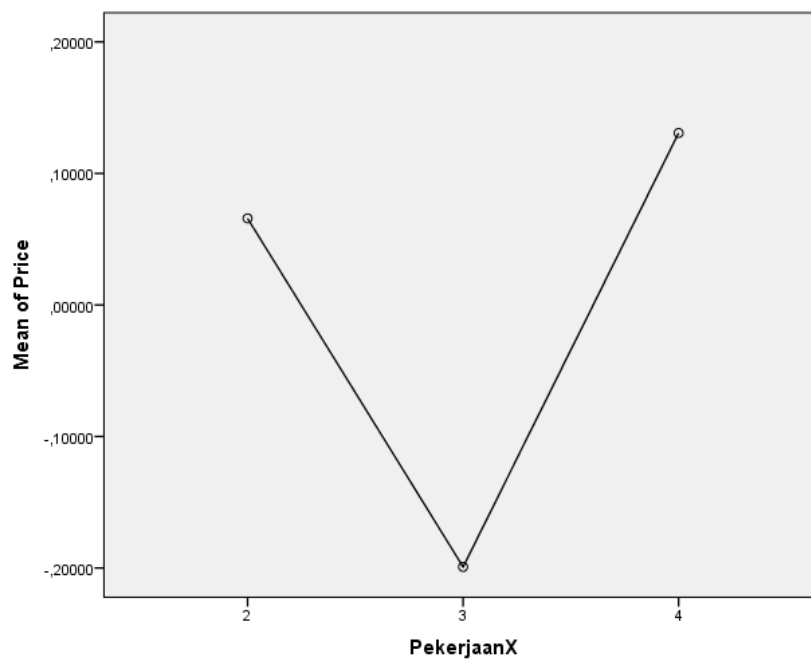
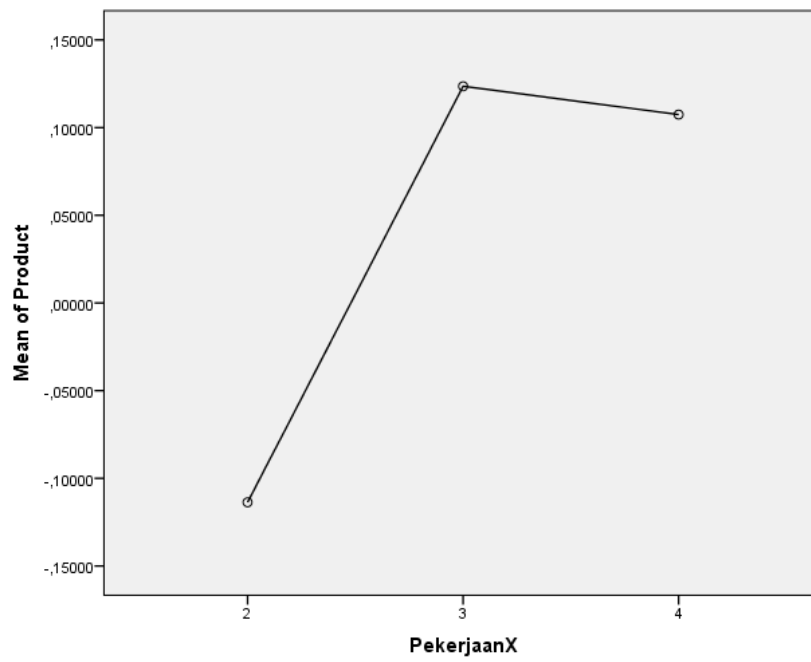
Test of Homogeneity of Variances

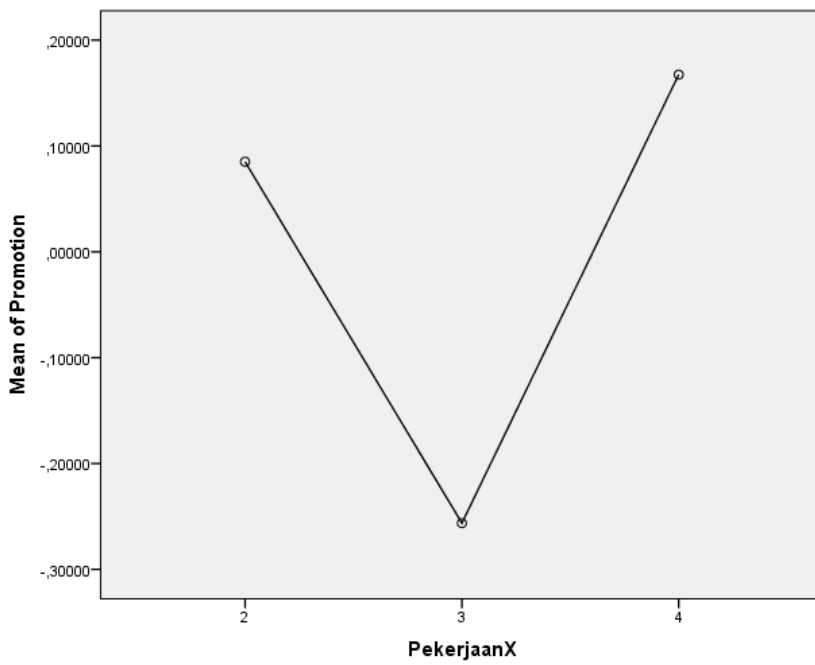
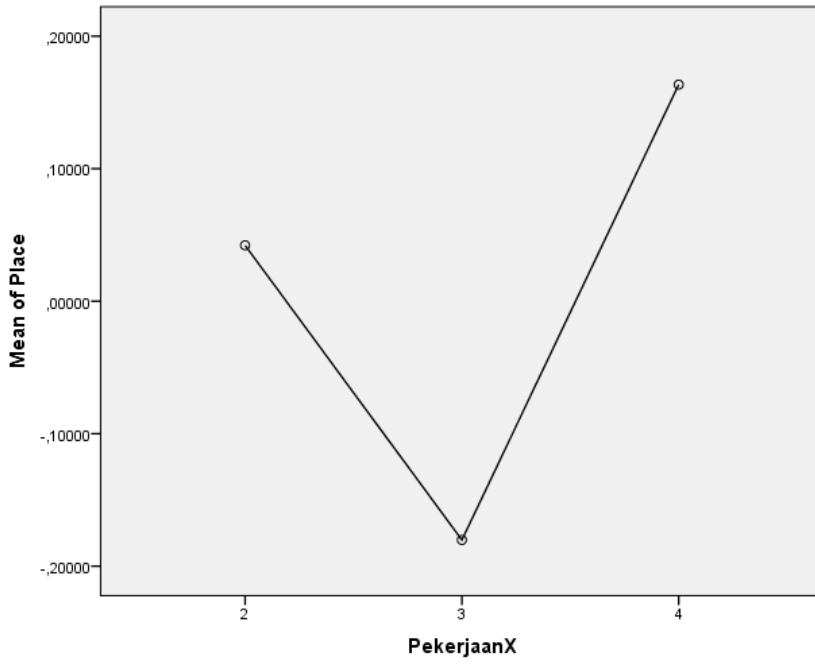
	Levene Statistic	df1	df2	Sig.
<i>Product</i>	,495	2	196	,610
<i>Price</i>	2,093	2	196	,126
<i>Place</i>	1,961	2	196	,144
<i>Promotion</i>	5,058	2	196	,007
Perception	1,288	2	196	,278
Intention	1,798	2	196	,168

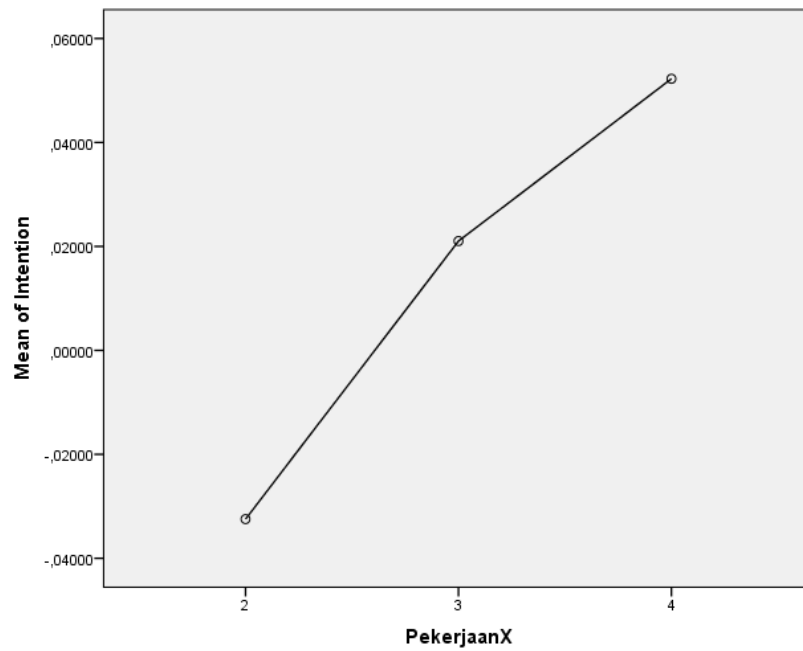
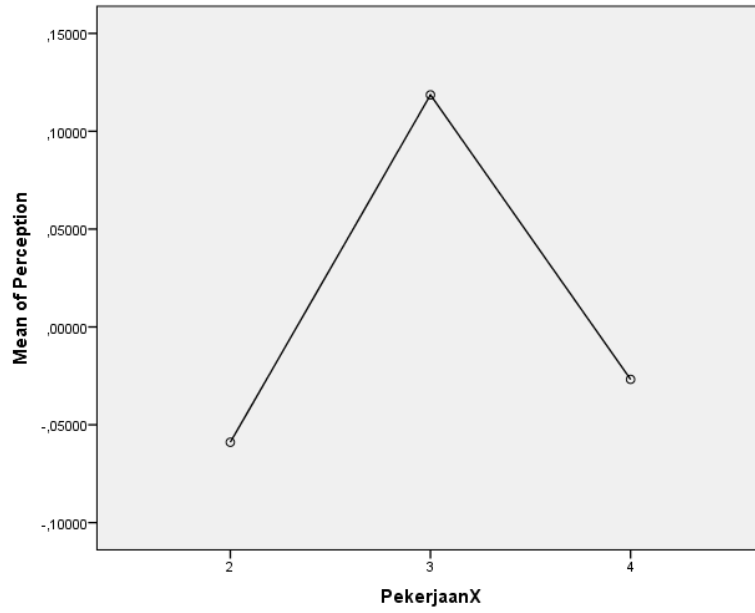
ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
<i>Product</i>	Between Groups	2,656	2	1,328	1,333	,266
	Within Groups	195,344	196	,997		
	Total	198,000	198			
<i>Price</i>	Between Groups	3,445	2	1,723	1,735	,179
	Within Groups	194,555	196	,993		
	Total	198,000	198			
<i>Place</i>	Between Groups	3,137	2	1,569	1,578	,209
	Within Groups	194,863	196	,994		
	Total	198,000	198			
<i>Promotion</i>	Between Groups	5,701	2	2,851	2,905	,057
	Within Groups	192,299	196	,981		
	Total	198,000	198			
Perception	Between Groups	1,209	2	,604	,602	,549
	Within Groups	196,791	196	1,004		
	Total	198,000	198			
Intention	Between Groups	,239	2	,119	,118	,888
	Within Groups	197,761	196	1,009		
	Total	198,000	198			

Means Plots







```

ONEWAY ProductPricePlacePromotion Perseption Intention BY
Pendidikan_A
  /STATISTICS HOMOGENEITY
  /PLOT MEANS
  /MISSING ANALYSIS.

```

Oneway

Notes

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Missing Value Handling	N of Rows in Working Data File	199
	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY ProductPricePlacePromotion Perseption Intention BY Pendidikan_A /STATISTICS HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS.
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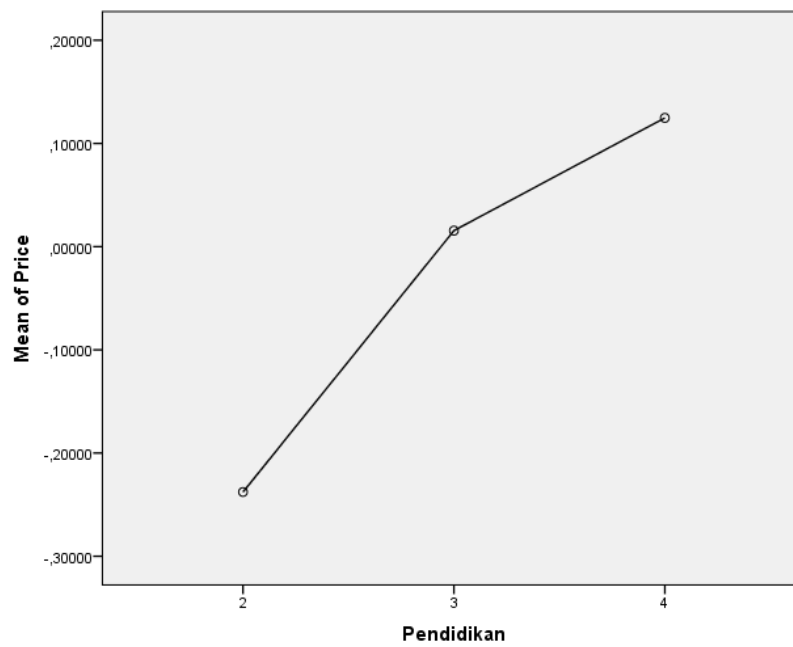
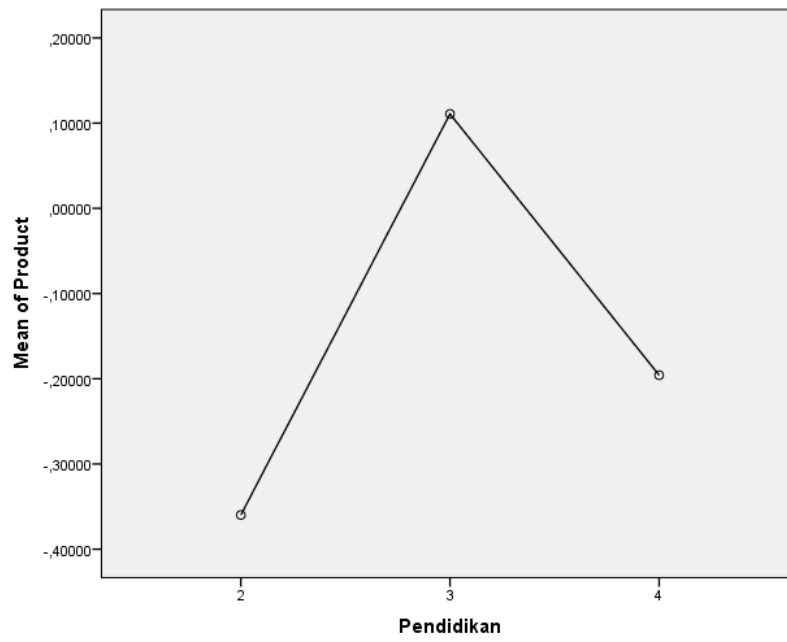
Test of Homogeneity of Variances

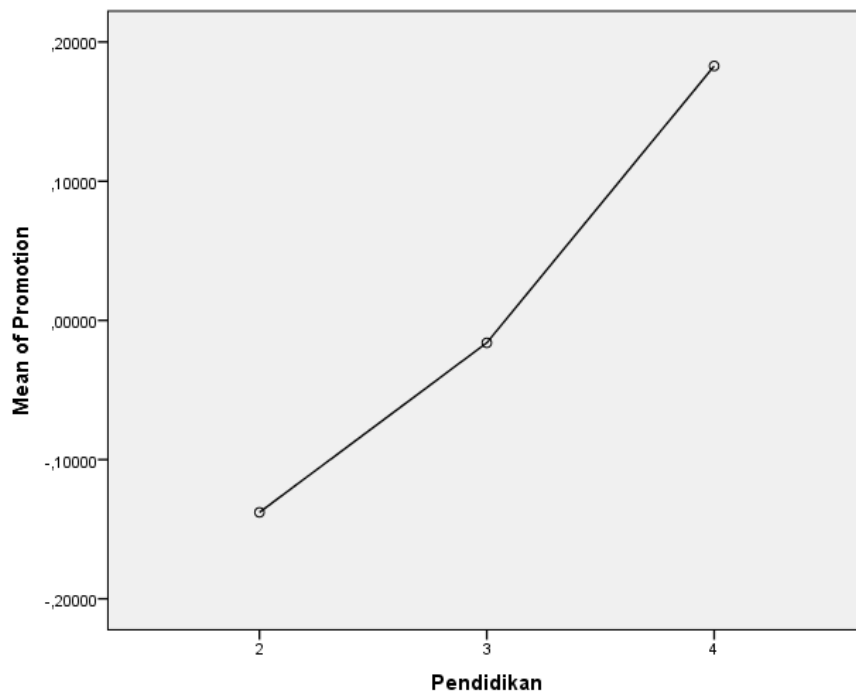
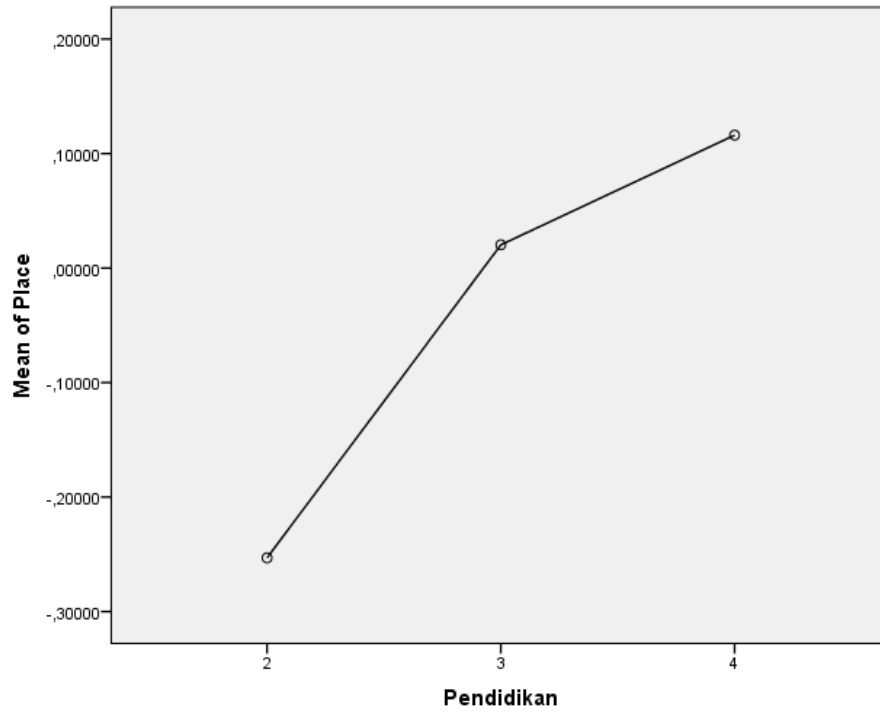
	Levene Statistic	df1	df2	Sig.
<i>Product</i>	1,852	2	196	,160
<i>Price</i>	2,464	2	196	,088
<i>Place</i>	1,581	2	196	,208
<i>Promotion</i>	1,615	2	196	,202
Perception	,478	2	196	,621
Intention	1,180	2	196	,309

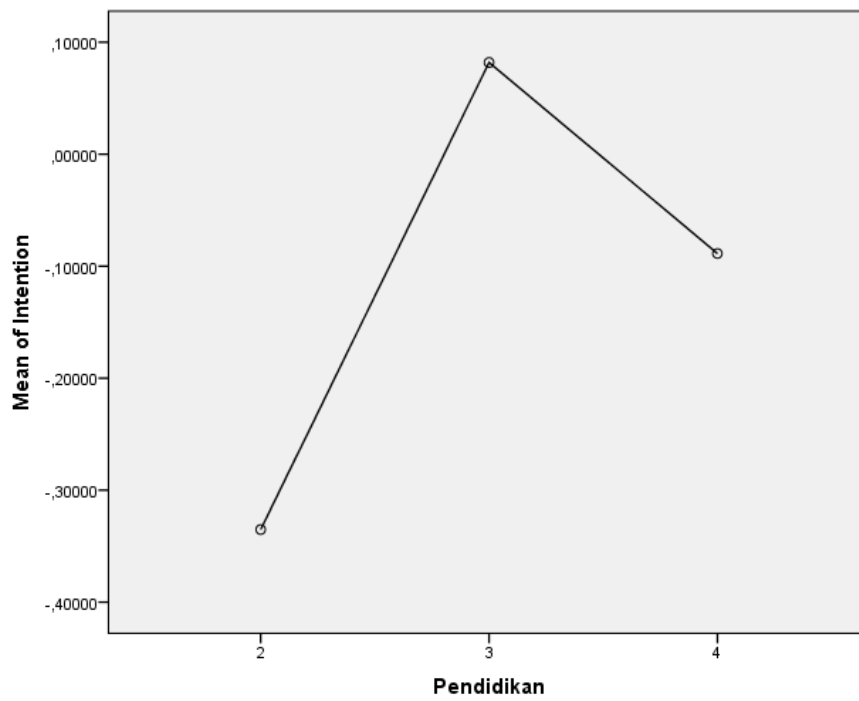
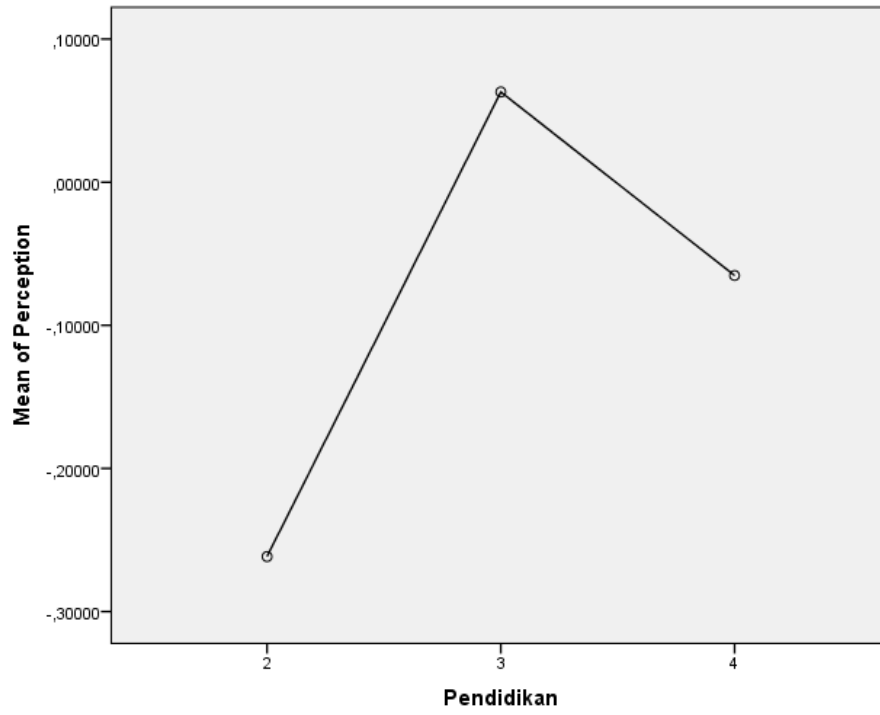
ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
<i>Product</i>	Between Groups	6,324	2	3,162	3,234	,042
	Within Groups	191,676	196	,978		
	Total	198,000	198			
<i>Price</i>	Between Groups	2,002	2	1,001	1,001	,369
	Within Groups	195,998	196	1,000		
	Total	198,000	198			
<i>Place</i>	Between Groups	2,154	2	1,077	1,078	,342
	Within Groups	195,846	196	,999		
	Total	198,000	198			
<i>Promotion</i>	Between Groups	1,600	2	,800	,798	,452
	Within Groups	196,400	196	1,002		
	Total	198,000	198			
Perception	Between Groups	2,475	2	1,238	1,241	,291
	Within Groups	195,525	196	,998		
	Total	198,000	198			
Intention	Between Groups	4,119	2	2,059	2,082	,127
	Within Groups	193,881	196	,989		
	Total	198,000	198			

Means Plots







ONEWAY *ProductPricePlacePromotion* Perseption Intention BY
 KunjunganX
 /STATISTICS HOMOGENEITY
 /PLOT MEANS
 /MISSING ANALYSIS.

Oneway

Notes

Output Created		18-NOV-2015 22:53:18
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	N of Rows in Working Data File	199
Missing Value Handling	Definition of Missing Cases Used	User-defined missing values are treated as missing. Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY <i>ProductPricePlacePromotion</i> Perseption Intention BY KunjunganX /STATISTICS HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS.
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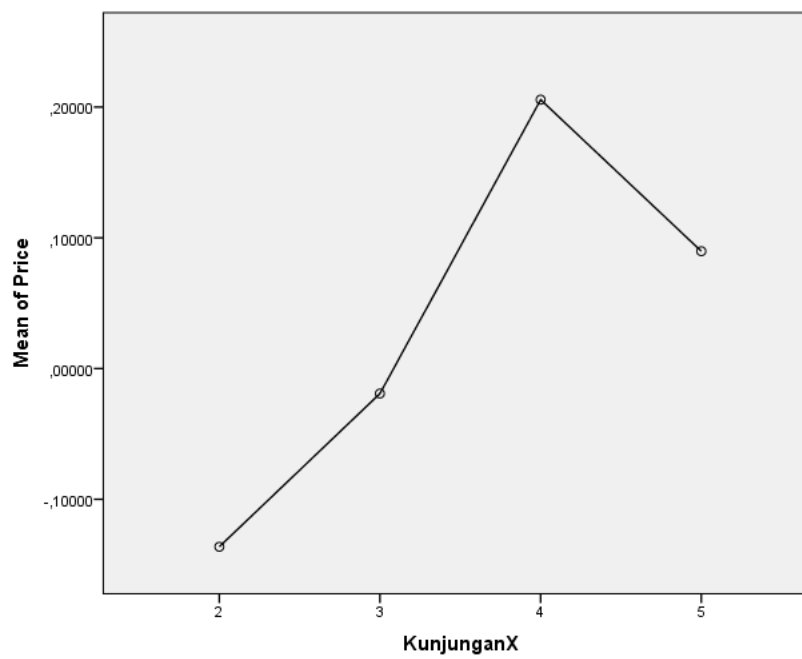
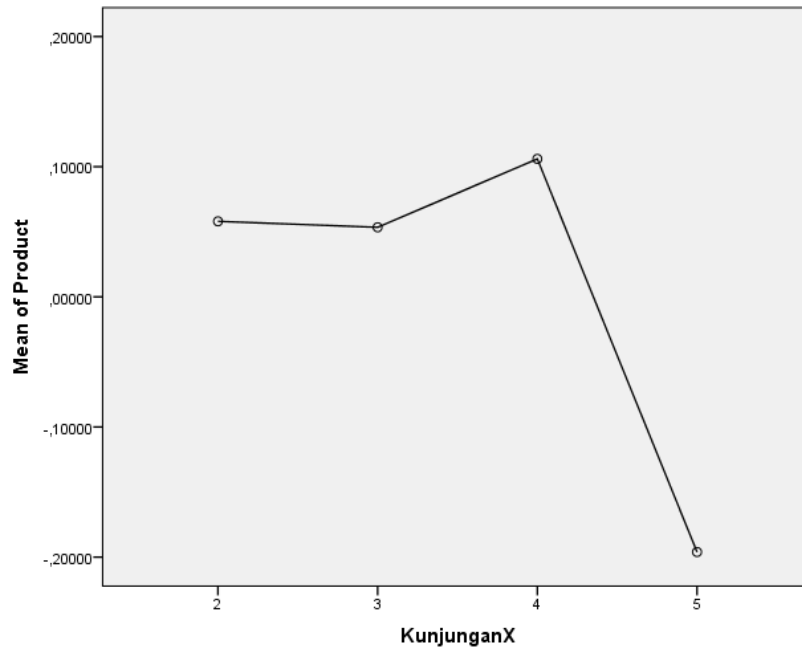
Test of Homogeneity of Variances

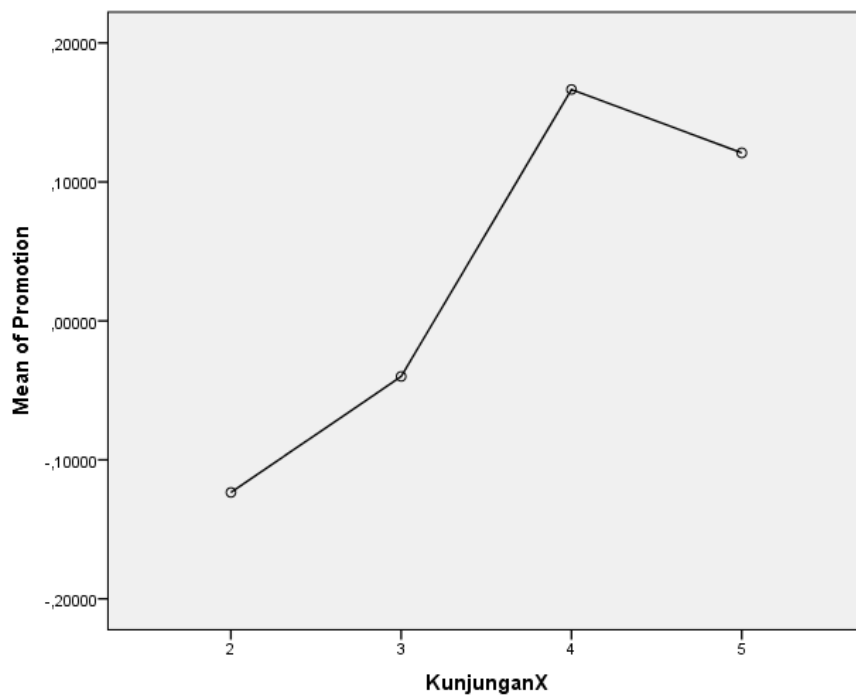
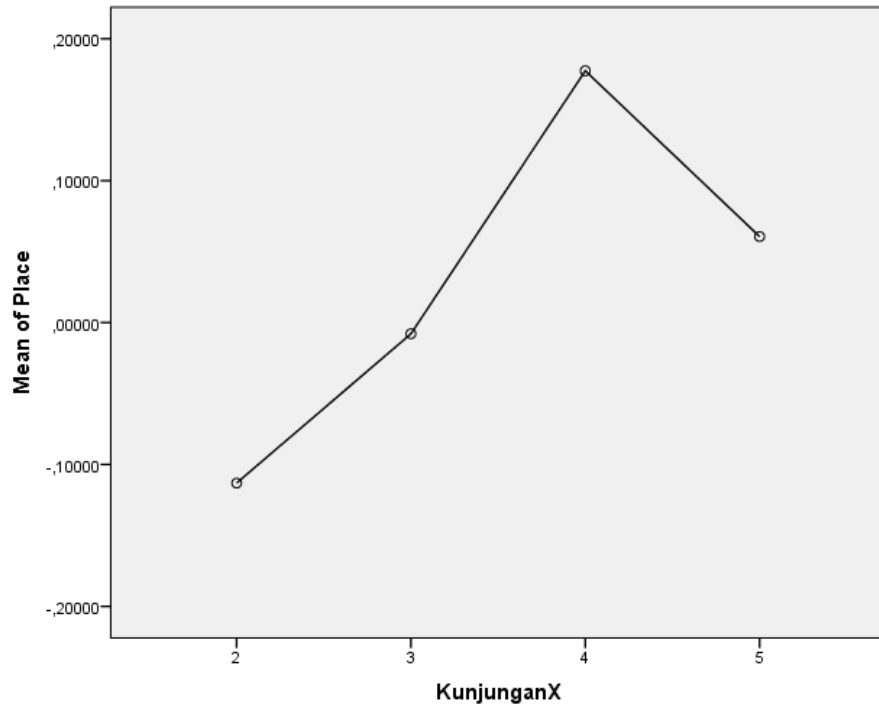
	Levene Statistic	df1	df2	Sig.
<i>Product</i>	1,519	3	195	,211
<i>Price</i>	1,646	3	195	,180
<i>Place</i>	1,035	3	195	,378
<i>Promotion</i>	3,303	3	195	,021
Perseption	,415	3	195	,742
Intention	,918	3	195	,433

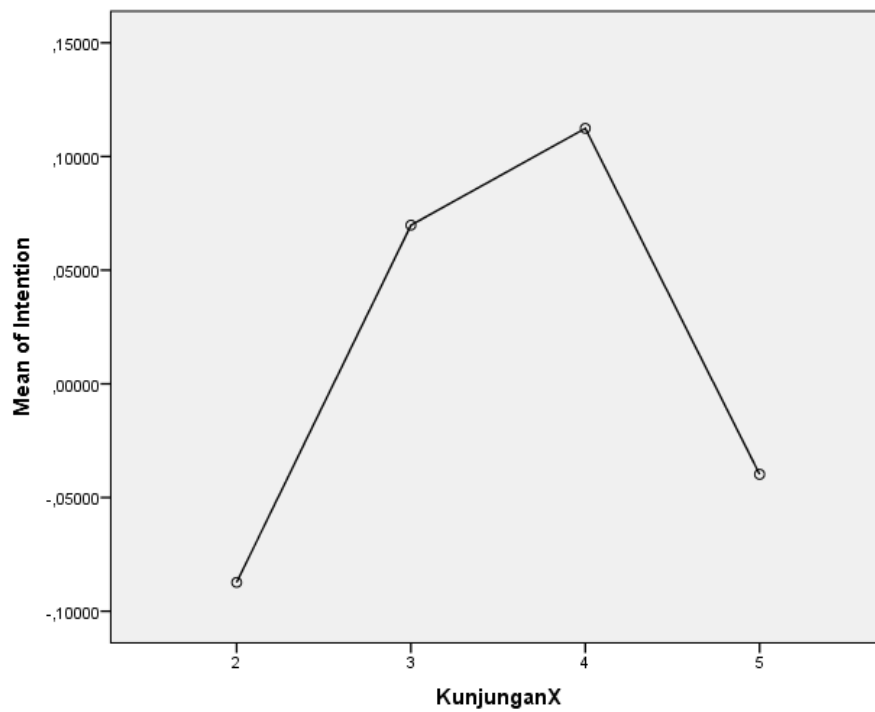
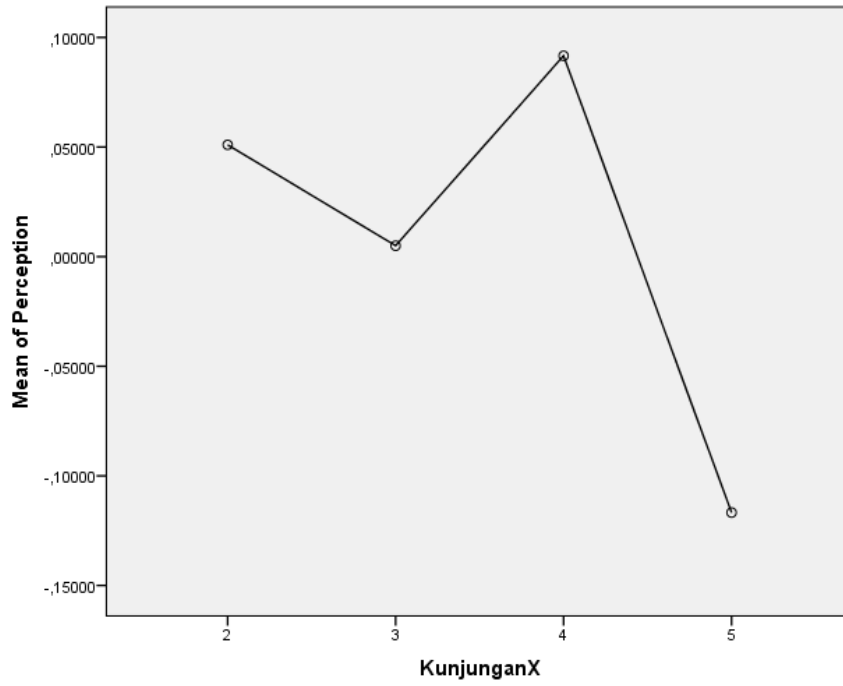
ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
<i>Product</i>	Between Groups	2,552	3	,851	,849	,469
	Within Groups	195,448	195	1,002		
	Total	198,000	198			
<i>Price</i>	Between Groups	2,608	3	,869	,868	,459
	Within Groups	195,392	195	1,002		
	Total	198,000	198			
<i>Place</i>	Between Groups	1,751	3	,584	,580	,629
	Within Groups	196,249	195	1,006		
	Total	198,000	198			
<i>Promotion</i>	Between Groups	2,441	3	,814	,811	,489
	Within Groups	195,559	195	1,003		
	Total	198,000	198			
Perception	Between Groups	1,038	3	,346	,343	,795
	Within Groups	196,962	195	1,010		
	Total	198,000	198			
Intention	Between Groups	1,170	3	,390	,386	,763
	Within Groups	196,830	195	1,009		
	Total	198,000	198			

Means Plots







```
ONEWAY ProductPricePlacePromotion Perseption Intention BY  
PengeluaranX  
  /STATISTICS HOMOGENEITY  
  /PLOT MEANS  
  /MISSING ANALYSIS.
```

Oneway

Notes

Output Created		18-NOV-2015 22:53:38
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	Cases Used	Statistics for each analysis are based on cases with no missing data for any variable in the analysis.
Syntax		ONEWAY <i>ProductPricePlacePromotion</i> Perseption Intention BY PengeluaranX /STATISTICS HOMOGENEITY /PLOT MEANS /MISSING ANALYSIS.
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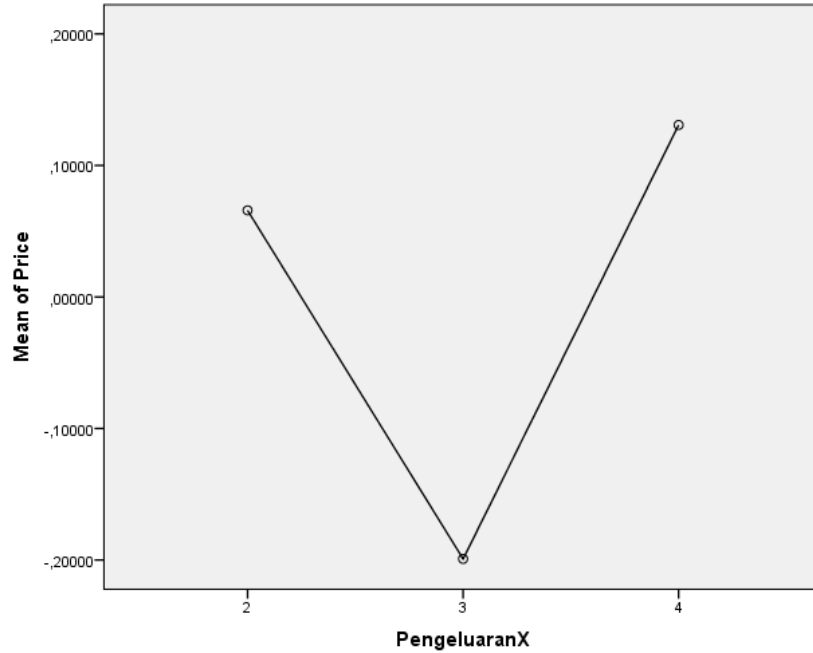
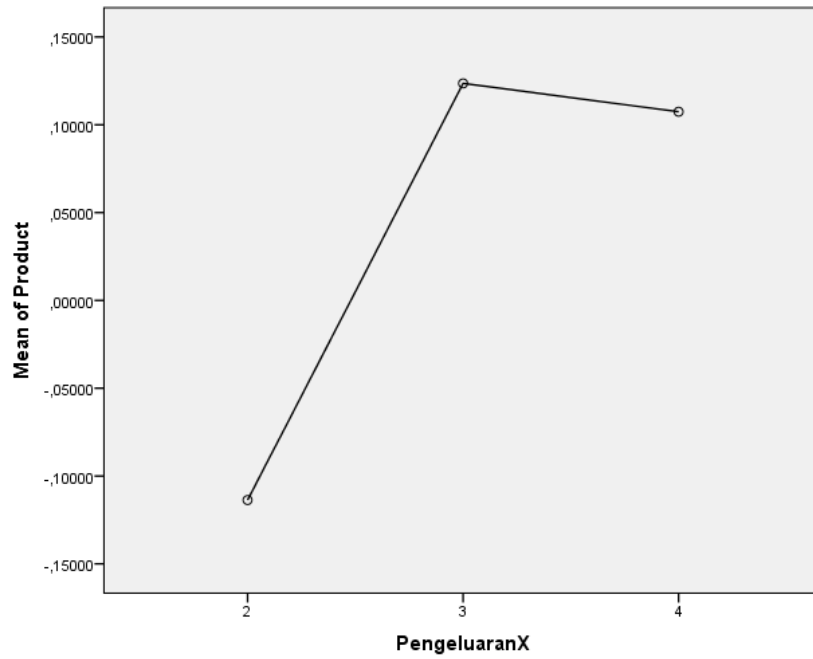
Test of Homogeneity of Variances

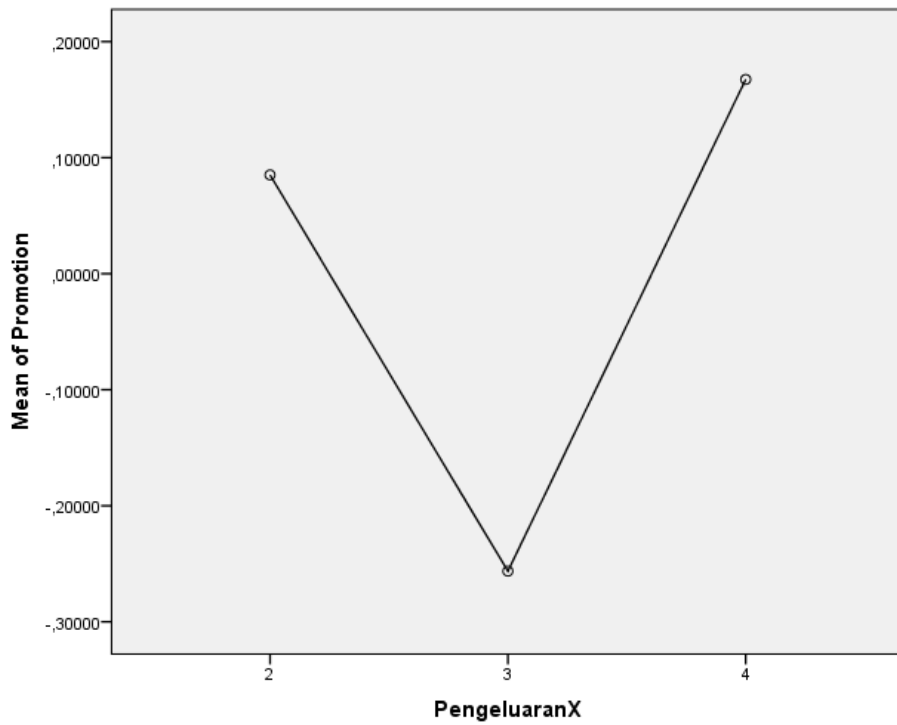
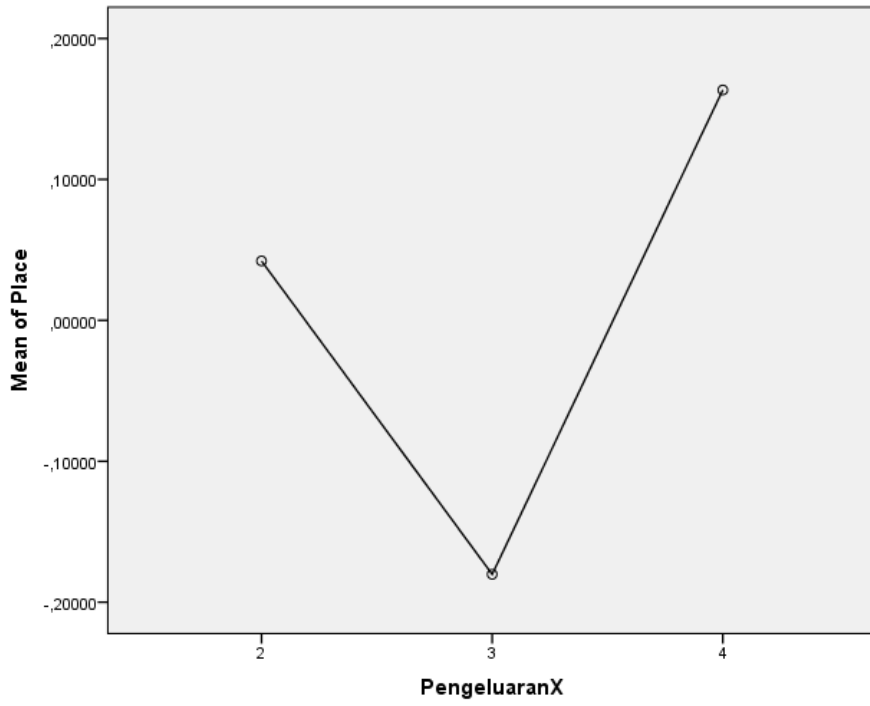
	Levene Statistic	df1	df2	Sig.
<i>Product</i>	,495	2	196	,610
<i>Price</i>	2,093	2	196	,126
<i>Place</i>	1,961	2	196	,144
<i>Promotion</i>	5,058	2	196	,007
Perception	1,288	2	196	,278
Intention	1,798	2	196	,168

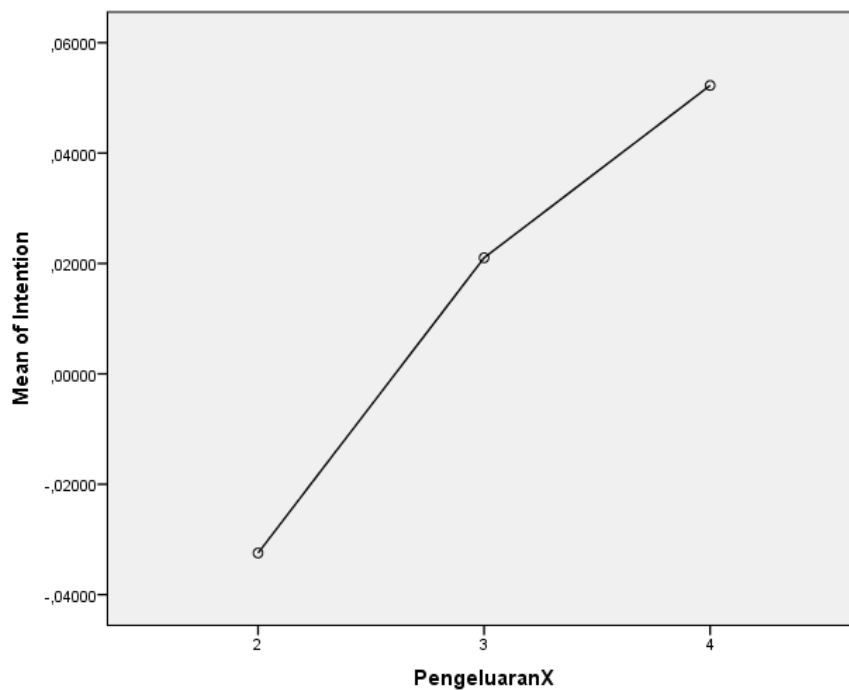
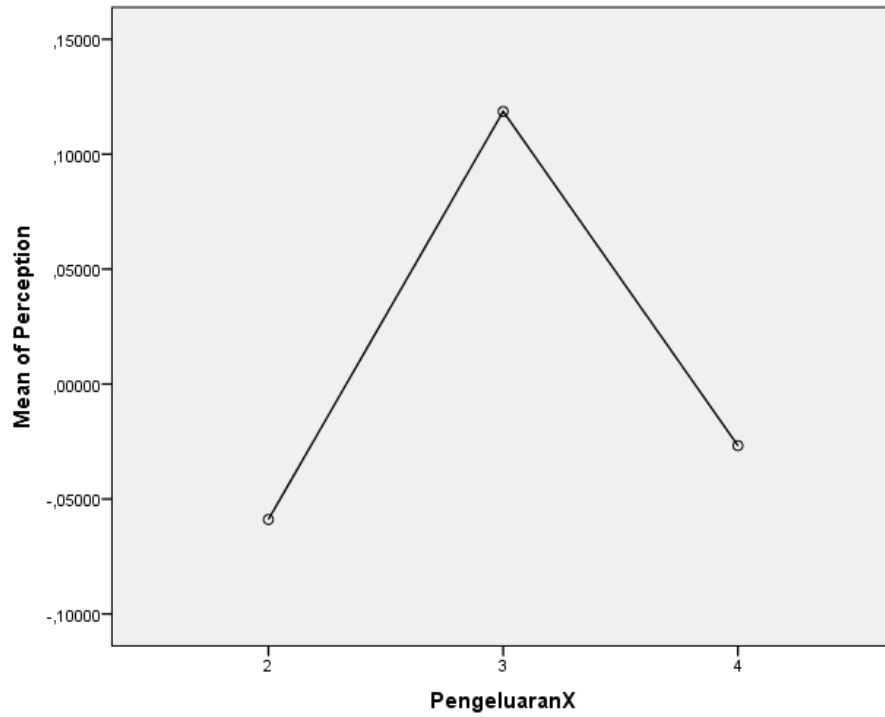
ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
<i>Product</i>	Between Groups	2,656	2	1,328	1,333	,266
	Within Groups	195,344	196	,997		
	Total	198,000	198			
<i>Price</i>	Between Groups	3,445	2	1,723	1,735	,179
	Within Groups	194,555	196	,993		
	Total	198,000	198			
<i>Place</i>	Between Groups	3,137	2	1,569	1,578	,209
	Within Groups	194,863	196	,994		
	Total	198,000	198			
<i>Promotion</i>	Between Groups	5,701	2	2,851	2,905	,057
	Within Groups	192,299	196	,981		
	Total	198,000	198			
Perception	Between Groups	1,209	2	,604	,602	,549
	Within Groups	196,791	196	1,004		
	Total	198,000	198			
Intention	Between Groups	,239	2	,119	,118	,888
	Within Groups	197,761	196	1,009		
	Total	198,000	198			

Means Plots







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SAVE
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/COMPRESSED.
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D. SEM

L I S R E L 8.72

BY

Karl G. Jöreskog & Dag Sörbom

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2\Final.DSF'
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Latent Variables Persepsi Niat Produk Harga Tempat
Promosi
Relationships
NB1 = Niat
NB2 = Niat
PD1 = Produk
PD2 = Produk
```

PD3 = Produk

PD4 = Produk

PD5 = Produk

PR1 = Harga

PR2 = Harga

PR3 = Harga

T1 = Tempat

T2 = Tempat

T3 = Tempat

T4 = Tempat

Prf = Promosi

Niat = Persepsi

Persepsi = Produk Harga Tempat Promosi

Niat = Produk Harga Tempat Promosi

Path Diagram

End of Problem

Sample Size = 199

t

Covariance Matrix

	NB1	NB2	PD1	PD2
PD3				
PD4				
NB1	1.636			
NB2	1.238	1.648		
PD1	1.284	1.233	1.682	
PD2	1.150	1.162	1.259	1.578
PD3	1.177	1.171	1.155	1.092
1.611				

	PD4	1.160	1.228	1.219	1.173
1.138		1.582			
	PD5	1.192	1.211	1.241	1.149
1.192		1.093			
	PR1	1.120	1.100	1.162	1.139
1.102		1.093			
	PR2	1.176	1.189	1.219	1.189
1.152		1.139			
	PR3	1.187	1.145	1.210	1.184
1.161		1.235			
	T1	1.246	1.276	1.237	1.216
1.203		1.206			
	T2	1.175	1.126	1.228	1.220
1.153		1.158			
	T3	1.242	1.172	1.278	1.166
1.172		1.060			
	T4	1.072	1.108	1.117	1.056
1.014		1.132			
	Prf	1.058	1.059	1.089	1.039
1.034		1.035			

Covariance Matrix

		PD5	PR1	PR2	PR3
T1	T2				
		-----	-----	-----	-----
-----	-----				
	PD5	1.671			
	PR1	1.143	1.569		
	PR2	1.258	1.114	1.666	
	PR3	1.227	1.179	1.147	1.661
	T1	1.214	1.177	1.165	1.224
1.738					

	T2	1.164	1.165	1.184	1.179
1.212		1.634			
	T3	1.293	1.100	1.232	1.197
1.257		1.221			
	T4	1.135	1.065	1.113	1.130
1.095		1.116			
	Prf	1.070	1.046	1.068	1.044
1.117		1.073			

Covariance Matrix

	T3	T4	Prf
	-----	-----	-----
T3	1.687		
T4	1.137	1.491	
Prf	1.085	0.996	1.000

Total Variance = 23.854 Generalized Variance =
0.263128D-04

Largest Eigenvalue = 17.820 Smallest Eigenvalue =
0.061

Condition Number = 17.084

Goodness of Fit Statistics

Degrees of Freedom = 280
Minimum Fit Function Chi-Square = 2934.83 (P = 0.0)
Normal Theory Weighted Least Squares Chi-Square =
1901.66 (P = 0.0)
Estimated Non-centrality Parameter (NCP) = 1621.66

90 Percent Confidence Interval for NCP = (1487.26 ;
1763.50)

Minimum Fit Function Value = 14.82

Population Discrepancy Function Value (F0) = 8.19

90 Percent Confidence Interval for F0 = (7.51 ; 8.91)

Root Mean Square Error of Approximation (RMSEA) = 0.17

90 Percent Confidence Interval for RMSEA = (0.16 ;
0.18)

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

Expected Cross-Validation Index (ECVI) = 10.32

90 Percent Confidence Interval for ECVI = (9.64 ;
11.04)

ECVI for Saturated Model = 3.55

ECVI for Independence Model = 123.66

Chi-Square for Independence Model with 325 Degrees of
Freedom = 24432.73

Independence AIC = 24484.73

Model AIC = 2043.66

Saturated AIC = 702.00

Independence CAIC = 24596.35

Model CAIC = 2348.49

Saturated CAIC = 2208.95

Normed Fit Index (NFI) = 0.88

Non-Normed Fit Index (NNFI) = 0.87

Parsimony Normed Fit Index (PNFI) = 0.76

Comparative Fit Index (CFI) = 0.89

Incremental Fit Index (IFI) = 0.89

Relative Fit Index (RFI) = 0.86

Critical N (CN) = 23.80

Root Mean Square Residual (RMR) = 0.26

Standardized RMR = 0.16

Goodness of Fit Index (GFI) = 0.58

Adjusted Goodness of Fit Index (AGFI) = 0.47

Parsimony Goodness of Fit Index (PGFI) = 0.46

Time used: 0.422 Seconds

nds