

## PENGANTAR KUESIONER



### **PENGARUH *CUSTOMER SATISFACTION*, *SWITCHING COST* DAN *TRUST IN BRAND* TERHADAP *CUSTOMER LOYALTY***

**Mahasiswa/i FE Prodi Manajemen UNMUH Jember Tahun Angkatan 2014  
Pengguna produk Data seluler Telkomsel 4G**

Kepada Yth,

Sdr. Konsumen PPDS Telkomsel  
di tempat

Berkaitan dengan kegiatan yang saya lakukan dengan judul “Pengaruh *Customer satisfaction*, *switching cost*, and *Trust in brand* terhadap *customer loyalty*”, sebagai salah satu syarat untuk memperoleh gelar Sarjana Ekonomi pada Universitas Muhammadiyah Jember, maka dengan ini saya mengharapkan bantuan saudara untuk mengisi daftar pernyataan yang saya sertakan di bawah ini. Agar memperoleh masukan yang berarti, saya berhadapan kuesioner ini diisi dengan keadaan yang sebenarnya. Semua sumber dan data yang diperoleh dijamin kerahasiaannya.

Atas perhatian dan bantuannya saya mengucapkan banyak terima kasih.

**TITIS KASIH MARISA**

**NIM : 1410411231**

## KUISIONER PENELITIAN

**Nama Responden** : (diisi oleh peneliti)

**Tanggal/Bulan/Tahun** :

**Petunjuk Pengisian** : Berikan jawaban pada pertanyaan berikut dengan mengisi titik – titik yang telah di sediakan atau memberi tanda ceklist (√) pada kotak pilihan jawaban.

### 1. IDENTITAS RESPONDEN

No	Identitas Responden	Jawaban			
1	Usia	.....			
2	Tahun angkatan	.....			
3	Jenis Kelamin	Laki – laki	<input type="checkbox"/>	Perempuan	<input type="checkbox"/>
4	Berapa kali anda membeli produk data seluler 4G Telkomsel?	Hanya 1 kali	<input type="checkbox"/>		
		Lebih dari 1 kali	<input type="checkbox"/>		

**2. Berikan Pernyataan Dengan Memberikan Tanda √ Pada Pilihan Jawaban Yang Tersedia, Keterangan Dari Pilihan Jawaban tersebut Yaitu:**

Simbol	Kategori
STS	Sangat Tidak Setuju
TS	Tidak Setuju
N	Netral
S	Setuju
SS	Sangat Setuju

**Contoh :**

No	Pernyataan	STS	TS	N	S	SS
1	Saya suka menggunakan Produk Data seluler 4G Telkomsel				√	

Jawaban di atas menunjukkan bahwa Anda “setuju” dengan pernyataan tersebut.

**Variabel *Customer Satisfaction* (Kepuasan konsumen)**

No	Pernyataan	STS	TS	N	S	SS
1	Saya merasa puas membeli produk data seluler Telkomsel 4G prabayar karena kecepatan jaringan datanya maksimal					
2	Saya merasa puas membeli produk data seluler Telkomsel Prabayar karena kemampuan karyawan dalam menguasai informasi produk dan layanan					
3	Pihak grapari tanggap dalam merespon keluhan konsumen					

**Variabel *Switching Cost* (Biaya Peralihan)**

No	Pernyataan	STS	TS	N	S	SS
1	Saya merasa tidak yakin para Competitor dapat memberi harga paket data dengan kecepatan jaringan maksimal					
2	Saya merasa tidak yakin jika produk lain memberi saya kualitas produk yang sama seperti data seluler Telkomsel					
3	Saya merasa nyaman membeli produk data seluler Telkomsel 4G Prabayar					

**Variabel *Trust In Brand* (Kepercayaan Merek)**

No	Pernyataan	STS	TS	N	S	SS
1	Telkomsel memberikan kualitas yang terbaik bagi pelanggannya					
2	Kecepatan Data seluler Telkomsel 4G tidak akan mengecewakan saya					
3	Telkomsel adalah provider kartu seluler yang memiliki harga dan kualitas tinggi					

**Variabel *Customer Loyalty* (Kesetiaan Pelanggan)**

No	Pernyataan	STS	TS	N	S	SS
1	Saya berminat melakukan pembelian ulang produk data seluler Telkomsel					
2	Saya akan melakukan pembelian terhadap produk baru yang ditawarkan oleh Telkomsel					
3	Saya akan merekomendasikan produk data seluler Telkomsel kepada orang lain					

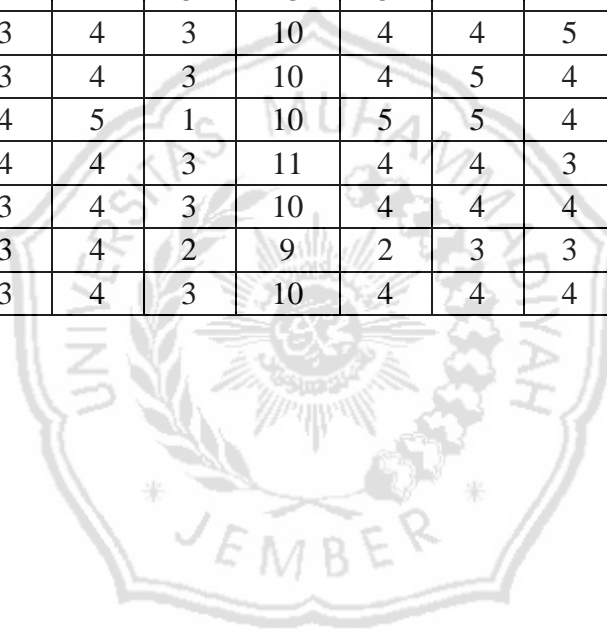
**Pengaruh *Customer Satisfaction* *Switching Cost* dan *Trust In Brand* terhadap *Customer Loyalty***  
**Mahasiswa/i FE Manajemen Universitas Muhammadiyah Jember Tahun angkatan 2014 pengguna produk data seluler**  
**Telkomsel 4G prabayar**

No	Customer Satisfaction			Total	Switching Cost			Total	Trust In Brand			Total	Customer Loyalty			Total
	X1.1	X1.2	X1.3		X2.1	X2.2	X2.3		X3.1	X3.2	X3.3		Y1	Y2	Y3	
1	2	2	2	6	2	5	3	12	4	4	5	13	3	3	3	9
2	4	4	5	13	2	2	2	6	4	5	4	13	4	4	4	12
3	4	3	3	10	4	3	4	11	5	5	4	14	4	4	4	12
4	5	5	4	14	4	4	4	12	4	4	5	13	4	4	4	12
5	3	5	4	12	4	5	3	12	5	5	5	15	5	4	3	12
6	5	5	4	14	4	5	3	12	3	4	4	11	5	5	5	15
7	4	3	5	12	3	4	3	10	4	4	5	13	2	3	2	7
8	2	2	4	8	2	4	4	10	3	3	3	9	4	4	4	12
9	3	3	4	10	5	5	5	15	5	4	4	13	4	4	4	12
10	3	5	4	12	5	3	2	10	4	5	5	14	2	2	4	8
11	4	4	2	10	4	4	2	10	2	2	2	6	4	2	1	7
12	4	4	4	12	3	3	3	9	4	4	3	11	2	2	2	6
13	3	2	2	7	3	4	2	9	4	4	4	12	2	3	2	7
14	4	4	4	12	3	4	3	10	5	5	5	15	4	3	3	10
15	4	4	4	12	4	4	2	10	5	5	5	15	4	4	2	10
16	3	3	3	9	4	4	3	11	4	4	3	11	3	3	3	9

17	4	4	3	11	4	3	3	10	5	5	4	14	2	3	2	7
18	4	4	5	13	4	3	4	11	4	4	4	12	4	4	4	12
19	1	3	1	5	3	3	3	9	5	5	5	15	1	1	1	3
20	3	3	3	9	4	4	5	13	4	5	4	13	4	4	4	12
21	4	4	4	12	5	5	4	14	4	4	4	12	5	5	4	14
22	4	4	5	13	4	4	4	12	4	4	4	12	2	2	2	6
23	2	2	4	8	2	4	1	7	4	5	4	13	4	2	1	7
24	4	4	4	12	4	4	4	12	4	4	5	13	3	3	3	9
25	3	2	3	8	3	3	3	9	4	4	3	11	3	2	3	8
26	4	2	4	10	4	4	2	10	5	5	5	15	4	2	2	8
27	2	3	3	8	3	3	2	8	4	5	4	13	3	4	3	10
28	2	2	3	7	2	3	2	7	4	4	4	12	2	2	2	6
29	4	4	4	12	2	4	2	8	5	4	4	13	2	2	2	6
30	4	3	4	11	3	4	4	11	4	4	4	12	3	3	3	9
31	1	2	2	5	1	1	1	3	5	4	4	13	4	5	4	13
32	5	5	4	14	2	2	2	6	4	4	5	13	4	4	2	10
33	4	4	4	12	4	4	4	12	4	5	5	14	4	2	4	10
34	3	2	2	7	2	3	2	7	3	4	5	12	2	2	2	6
35	4	5	4	13	5	4	5	14	5	4	5	14	4	4	4	12
36	4	4	4	12	4	3	3	10	4	4	4	12	2	4	4	10
37	4	4	2	10	3	3	3	9	4	4	3	11	3	2	3	8
38	4	3	2	9	4	4	4	12	3	4	4	11	4	4	2	10
39	4	4	3	11	3	2	3	8	4	4	4	12	3	3	3	9
40	4	4	4	12	4	4	2	10	4	5	4	13	4	4	2	10

41	2	3	2	7	3	3	1	7	4	4	5	13	2	2	3	7
42	3	2	3	8	2	3	2	7	3	4	4	11	2	2	3	7
43	3	4	3	10	4	4	4	12	4	4	5	13	3	3	3	9
44	4	4	4	12	5	4	4	13	5	4	4	13	4	2	2	8
45	4	3	3	10	4	4	3	11	4	5	5	14	4	3	3	10
46	4	2	4	10	4	4	3	11	4	5	4	13	5	4	4	13
47	4	4	4	12	4	4	3	11	5	4	4	13	3	3	4	10
48	4	2	4	10	4	4	4	12	4	4	4	12	4	3	2	9
49	4	4	4	12	4	3	4	11	4	4	4	12	4	3	4	11
50	4	4	3	11	4	4	3	11	5	4	5	14	4	3	4	11
51	4	4	4	12	4	5	5	14	4	4	5	13	4	5	5	14
52	3	4	5	12	5	3	5	13	5	4	5	14	4	4	3	11
53	4	4	4	12	4	5	4	13	5	4	4	13	5	4	4	13
54	4	5	4	13	4	5	2	11	4	3	5	12	4	4	2	10
55	4	5	4	13	4	4	3	11	5	5	4	14	3	4	4	11
56	4	4	1	9	2	4	2	8	4	4	5	13	4	1	1	6
57	5	4	4	13	4	2	4	10	4	5	4	13	4	1	4	9
58	4	4	4	12	4	4	2	10	4	4	5	13	3	3	2	8
59	4	5	4	13	4	5	4	13	5	4	4	13	4	5	4	13
60	4	4	4	12	4	4	4	12	4	4	4	12	4	3	2	9
61	4	3	4	11	4	4	3	11	5	5	5	15	3	3	3	9
62	5	4	5	14	5	5	4	14	5	4	4	13	4	4	5	13
63	4	4	4	12	3	4	3	10	4	3	4	11	4	3	3	10
64	3	3	4	10	2	3	2	7	3	5	5	13	4	4	3	11

65	4	5	4	13	3	4	3	10	4	4	4	12	3	3	3	9
66	3	3	4	10	4	4	3	11	4	5	4	13	3	3	3	9
67	3	4	3	10	5	5	4	14	4	5	4	13	4	3	3	10
68	4	3	4	11	3	4	3	10	4	4	4	12	3	3	3	9
69	4	4	5	13	4	5	4	13	4	4	3	11	4	4	4	12
70	4	5	5	14	4	4	5	13	5	4	4	13	4	4	4	12
71	4	3	3	10	3	4	3	10	4	4	5	13	3	3	3	9
72	4	4	4	12	3	4	3	10	4	5	4	13	3	3	3	9
73	2	4	5	11	4	5	1	10	5	5	4	14	4	3	1	8
74	4	4	4	12	4	4	3	11	4	4	3	11	4	4	3	11
75	4	4	4	12	3	4	3	10	4	4	4	12	4	3	3	10
76	4	3	2	9	3	4	2	9	2	3	3	8	4	3	3	10
77	4	4	4	12	3	4	3	10	4	4	4	12	4	3	4	11





### 1. Customer Satisfaction (X1)

**X1.1**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	2	2,6	2,6	2,6
	TS	7	9,1	9,1	11,7
	N	14	18,2	18,2	29,9
	S	49	63,6	63,6	93,5
	SS	5	6,5	6,5	100,0
	Total	77	100,0	100,0	

**X1.2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	12	15,6	15,6	15,6
	N	17	22,1	22,1	37,7
	S	37	48,1	48,1	85,7
	SS	11	14,3	14,3	100,0
	Total	77	100,0	100,0	

**X1.3**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	2	2,6	2,6	2,6
	TS	9	11,7	11,7	14,3
	N	14	18,2	18,2	32,5
	S	43	55,8	55,8	88,3
	SS	9	11,7	11,7	100,0
	Total	77	100,0	100,0	

## 2. Switching Cost (X2)

### X2.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1,3	1,3	1,3
	TS	11	14,3	14,3	15,6
	N	19	24,7	24,7	40,3
	S	38	49,4	49,4	89,6
	SS	8	10,4	10,4	100,0
	Total	77	100,0	100,0	

### X2.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1,3	1,3	1,3
	TS	4	5,2	5,2	6,5
	N	17	22,1	22,1	28,6
	S	42	54,5	54,5	83,1
	SS	13	16,9	16,9	100,0
	Total	77	100,0	100,0	

### X2.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	4	5,2	5,2	5,2
	TS	18	23,4	23,4	28,6
	N	28	36,4	36,4	64,9
	S	21	27,3	27,3	92,2
	SS	6	7,8	7,8	100,0
	Total	77	100,0	100,0	

### 3. Trust In Brand (X3)

#### X3.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	2	2,6	2,6	2,6
	N	6	7,8	7,8	10,4
	S	47	61,0	61,0	71,4
	SS	22	28,6	28,6	100,0
	Total	77	100,0	100,0	

#### X3.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	1,3	1,3	1,3
	N	4	5,2	5,2	6,5
	S	48	62,3	62,3	68,8
	SS	24	31,2	31,2	100,0
	Total	77	100,0	100,0	

#### X3.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	TS	1	1,3	1,3	1,3
	N	8	10,4	10,4	11,7
	S	42	54,5	54,5	66,2
	SS	26	33,8	33,8	100,0
	Total	77	100,0	100,0	

4. *Customer Loyalty* (Y)

Y1.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	1	1,3	1,3	1,3
	TS	12	15,6	15,6	16,9
	N	18	23,4	23,4	40,3
	S	41	53,2	53,2	93,5
	SS	5	6,5	6,5	100,0
	Total	77	100,0	100,0	

Y1.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	3	3,9	3,9	3,9
	TS	15	19,5	19,5	23,4
	N	29	37,7	37,7	61,0
	S	25	32,5	32,5	93,5
	SS	5	6,5	6,5	100,0
	Total	77	100,0	100,0	

Y1.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	STS	5	6,5	6,5	6,5
	TS	18	23,4	23,4	29,9
	N	27	35,1	35,1	64,9
	S	24	31,2	31,2	96,1
	SS	3	3,9	3,9	100,0
	Total	77	100,0	100,0	

## Correlations

Correlations

		X1.1	X1.2	X1.3	X1
X1.1	Pearson Correlation	1	,538**	,403**	,801**
	Sig. (2-tailed)		,000	,000	,000
	N	77	77	77	77
X1.2	Pearson Correlation	,538**	1	,394**	,814**
	Sig. (2-tailed)	,000		,000	,000
	N	77	77	77	77
X1.3	Pearson Correlation	,403**	,394**	1	,765**
	Sig. (2-tailed)	,000	,000		,000
	N	77	77	77	77
X1	Pearson Correlation	,801**	,814**	,765**	1
	Sig. (2-tailed)	,000	,000	,000	
	N	77	77	77	77

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

Correlations

		X2.1	X2.2	X2.3	X2
X2.1	Pearson Correlation	1	,453**	,572**	,830**
	Sig. (2-tailed)		,000	,000	,000
	N	77	77	77	77
X2.2	Pearson Correlation	,453**	1	,303**	,722**
	Sig. (2-tailed)	,000		,007	,000
	N	77	77	77	77
X2.3	Pearson Correlation	,572**	,303**	1	,813**
	Sig. (2-tailed)	,000	,007		,000
	N	77	77	77	77
X2	Pearson Correlation	,830**	,722**	,813**	1
	Sig. (2-tailed)	,000	,000	,000	
	N	77	77	77	77

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

### Correlations

		X3.1	X3.2	X3.3	X3
X3.1	Pearson Correlation	1	,428**	,334**	,776**
	Sig. (2-tailed)		,000	,003	,000
	N	77	77	77	77
X3.2	Pearson Correlation	,428**	1	,363**	,763**
	Sig. (2-tailed)	,000		,001	,000
	N	77	77	77	77
X3.3	Pearson Correlation	,334**	,363**	1	,751**
	Sig. (2-tailed)	,003	,001		,000
	N	77	77	77	77
X3	Pearson Correlation	,776**	,763**	,751**	1
	Sig. (2-tailed)	,000	,000	,000	
	N	77	77	77	77

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

### Correlations

		Y1	Y2	Y3	Y
Y1	Pearson Correlation	1	,534**	,348**	,760**
	Sig. (2-tailed)		,000	,002	,000
	N	77	77	77	77
Y2	Pearson Correlation	,534**	1	,553**	,864**
	Sig. (2-tailed)	,000		,000	,000
	N	77	77	77	77
Y3	Pearson Correlation	,348**	,553**	1	,798**
	Sig. (2-tailed)	,002	,000		,000
	N	77	77	77	77
Y	Pearson Correlation	,760**	,864**	,798**	1
	Sig. (2-tailed)	,000	,000	,000	
	N	77	77	77	77

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

## Reliability X1

**Case Processing Summary**

		N	%
Cases	Valid	77	100,0
	Excluded <sup>a</sup>	0	,0
	Total	77	100,0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	N of Items
,704	3

## Reliability X2

**Case Processing Summary**

		N	%
Cases	Valid	77	100,0
	Excluded <sup>a</sup>	0	,0
	Total	77	100,0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	N of Items
,704	3

## Reliability X3

**Case Processing Summary**

		N	%
Cases	Valid	77	100,0
	Excluded <sup>a</sup>	0	,0
	Total	77	100,0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	N of Items
,640	3

## Reliability Y

**Case Processing Summary**

		N	%
Cases	Valid	77	100,0
	Excluded <sup>a</sup>	0	,0
	Total	77	100,0

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

Cronbach's Alpha	N of Items
,733	3



## Regression

**Descriptive Statistics**

	Mean	Std. Deviation	N
TOTALY	9,6883	2,28415	77
TOTALX1	10,8571	2,13809	77
TOTALX2	10,4545	2,19776	77
TOTALX3	12,5974	1,48908	77

**Correlations**

		TOTALY	TOTALX1	TOTALX2	TOTALX3
Pearson Correlation	TOTALY	1,000	,414	,440	,032
	TOTALX1	,414	1,000	,445	,110
	TOTALX2	,440	,445	1,000	,101
	TOTALX3	,032	,110	,101	1,000
Sig. (1-tailed)	TOTALY	.	,000	,000	,390
	TOTALX1	,000	.	,000	,171
	TOTALX2	,000	,000	.	,191
	TOTALX3	,390	,171	,191	.
N	TOTALY	77	77	77	77
	TOTALX1	77	77	77	77
	TOTALX2	77	77	77	77
	TOTALX3	77	77	77	77

**Variables Entered/Removed<sup>a</sup>**

Model	Variables Entered	Variables Removed	Method
1	TOTALX3, TOTALX2, TOTALX1 <sup>b</sup>	.	Enter

a. Dependent Variable: TOTALY

b. All requested variables entered.

**Model Summary<sup>b</sup>**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	,504 <sup>a</sup>	,254	,223	2,01330	,254	8,275	3	73	,000

a. Predictors: (Constant), TOTALX3, TOTALX2, TOTALX1

b. Dependent Variable: TOTALY

**ANOVA<sup>a</sup>**

Model		Sum of Squares	Df	Mean Square	F	Sig.
1	Regression	100,622	3	33,541	8,275	,000 <sup>b</sup>
	Residual	295,897	73	4,053		
	Total	396,519	76			

a. Dependent Variable: TOTALY

b. Predictors: (Constant), TOTALX3, TOTALX2, TOTALX1

Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Correlations			Collinearity Statistics	
		B	Std. Error	Beta			Zero-order	Partial	Part	Tolerance	VIF
1	(Constant)	3,604	2,256		1,598	,114					
	TOTALX1	,293	,121	,274	2,421	,018	,414	,273	,245	,798	1,254
	TOTALX2	,334	,118	,321	2,839	,006	,440	,315	,287	,799	1,252
	TOTALX3	-,046	,156	-,030	-,297	,767	,032	-,035	-,030	,985	1,016

a. Dependent Variable: TOTALY

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	TOTALX1	TOTALX2	TOTALX3
1	1	3,942	1,000	,00	,00	,00	,00
	2	,030	11,389	,05	,11	,44	,14
	3	,021	13,543	,00	,86	,54	,01
	4	,006	24,764	,94	,03	,02	,84

a. Dependent Variable: TOTALY

**Casewise Diagnostics<sup>a</sup>**

Case Number	Std. Residual	TOTALY	Predicted Value	Residual
31	3,742	13,00	5,4666	7,53341

a. Dependent Variable: TOTALY

**Residuals Statistics<sup>a</sup>**

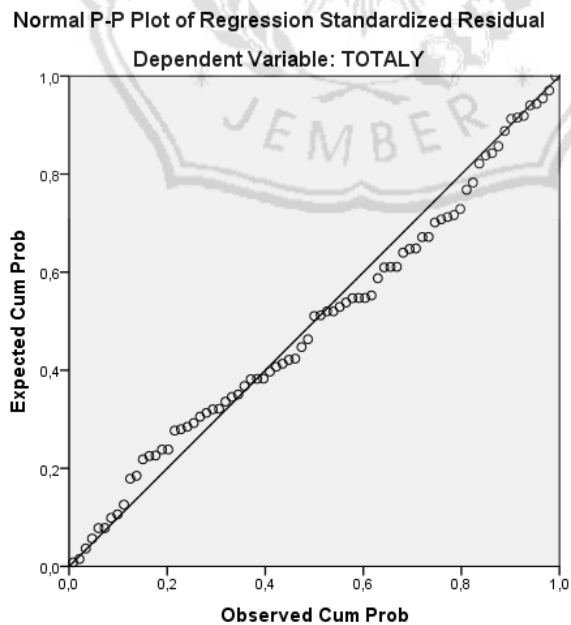
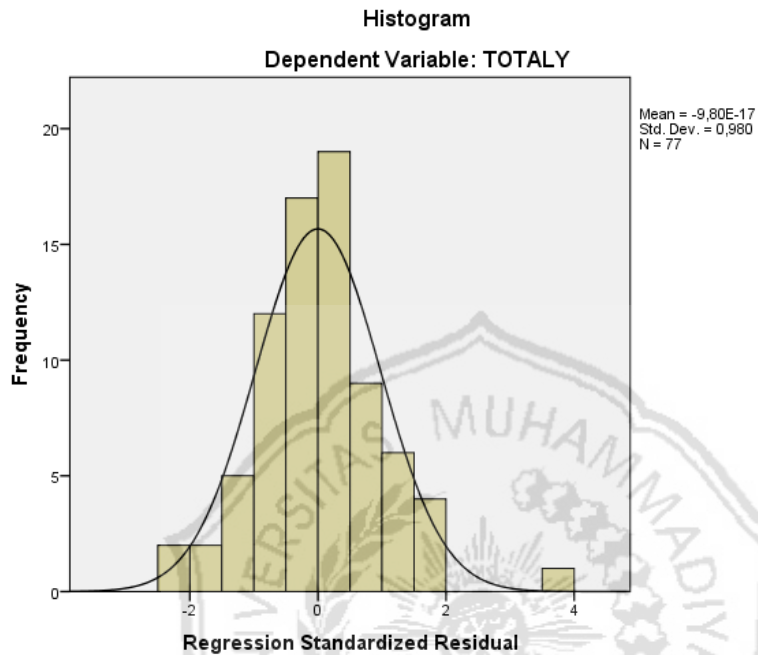
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	5,4666	11,7732	9,6883	1,15064	77
Std. Predicted Value	-3,669	1,812	,000	1,000	77
Standard Error of Predicted Value	,255	1,050	,432	,154	77
Adjusted Predicted Value	3,6308	11,6997	9,6719	1,23473	77
Residual	-4,85931	7,53341	,00000	1,97317	77
Std. Residual	-2,414	3,742	,000	,980	77
Stud. Residual	-2,452	4,173	,004	1,030	77
Deleted Residual	-5,23459	9,36924	,01638	2,18747	77
Stud. Deleted Residual	-2,542	4,749	,010	1,072	77
Mahal. Distance	,231	19,688	2,961	3,348	77
Cook's Distance	,000	1,061	,029	,126	77
Centered Leverage Value	,003	,259	,039	,044	77

a. Dependent Variable: TOTALY

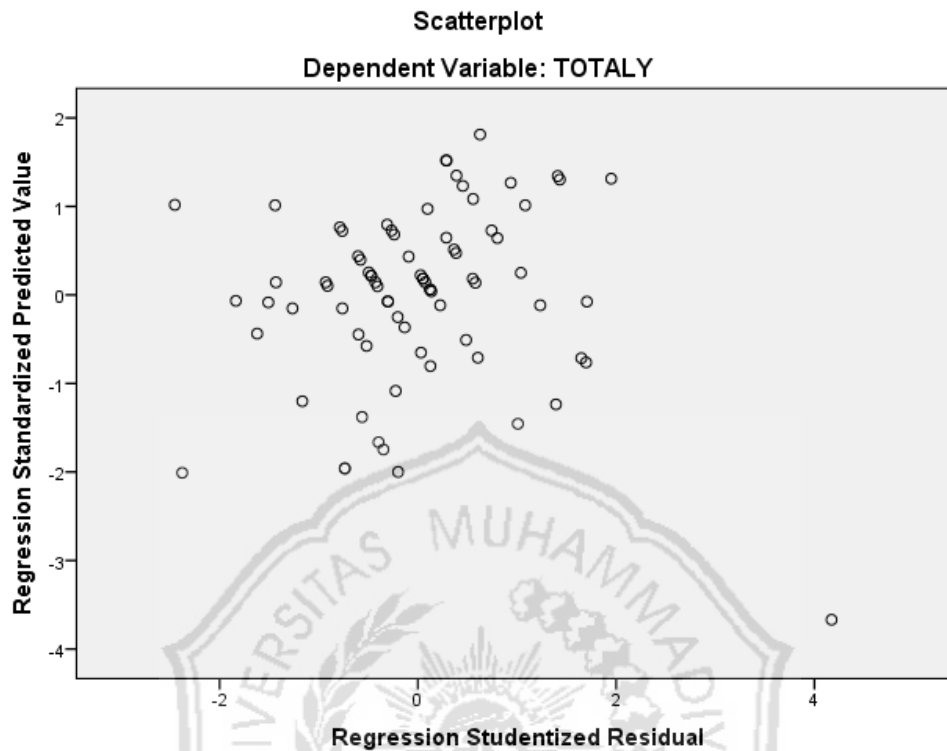
# 1. Uji Asumsi Klasik

## a. Uji Normalitas

### Charts



### b. Uji Heteroskedastisitas



### Uji Park (Heteroskedastisitas)

Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	4,965	3,322		1,495	,139
	LnX1	-,577	1,216	-,063	-,475	,636
	LnX2	-,918	1,111	-,110	-,826	,411
	LnX3	-1,102	1,366	-,093	-,806	,423

a. Dependent Variable: LnRes\_2

**Tabel r (Sign 0,05)**

df	R	Df	R	Df	R	Df	R
8	0,6319	33	0,3338	58	0,2542	83	0,2133
9	0,6021	34	0,3291	59	0,2521	84	0,2120
10	0,5760	35	0,3246	60	0,2500	85	0,2108
11	0,5529	36	0,3202	61	0,2480	86	0,2096
12	0,5324	37	0,3160	62	0,2461	87	0,2084
13	0,5140	38	0,3120	63	0,2441	88	0,2072
14	0,4973	39	0,3081	64	0,2423	89	0,2061
15	0,4821	40	0,3044	65	0,2404	90	0,2050
16	0,4683	41	0,3008	66	0,2387	91	0,2039
17	0,4555	42	0,2973	67	0,2369	92	0,2028
18	0,4438	43	0,2940	68	0,2352	93	0,2017
19	0,4329	44	0,2907	69	0,2335	94	0,2006
20	0,4227	45	0,2876	70	0,2319	95	0,1996
21	0,4132	46	0,2845	71	0,2303	96	0,1986
22	0,4044	47	0,2816	72	0,2287	97	0,1975
23	0,3961	48	0,2787	73	0,2272	98	0,1966
24	0,3882	49	0,2759	74	0,2257	99	0,1956
25	0,3809	50	0,2732	75	0,2242	100	0,1946

Tabel t

Pr	0.25	0.10	0.05	0.025	0.01	0.005	0.001
df	0.50	0.20	0.10	0.050	0.02	0.010	0.002
41	0.68052	1.30254	1.6828	2.0195	2.42080	2.70118	3.30127
42	0.68038	1.30204	1.6819	2.0180	2.41847	2.69807	3.29595
43	0.68024	1.30155	1.6810	2.0166	2.41625	2.69510	3.29089
44	0.68011	1.30109	1.6802	2.0153	2.41413	2.69228	3.28607
45	0.67998	1.30065	1.6794	2.0141	2.41212	2.68959	3.28148
46	0.67986	1.30023	1.6786	2.0129	2.41019	2.68701	3.27710
47	0.67975	1.29982	1.6779	2.0117	2.40835	2.68456	3.27291
48	0.67964	1.29944	1.6772	2.0106	2.40658	2.68220	3.26891
49	0.67953	1.29907	1.6765	2.0095	2.40489	2.67995	3.26508
50	0.67943	1.29871	1.6759	2.0085	2.40327	2.67779	3.26141
51	0.67933	1.29837	1.6752	2.0075	2.40172	2.67572	3.25789
52	0.67924	1.29805	1.6746	2.0066	2.40022	2.67373	3.25451
53	0.67915	1.29773	1.6741	2.0057	2.39879	2.67182	3.25127
54	0.67906	1.29743	1.6735	2.0048	2.39741	2.66998	3.24815
55	0.67898	1.29713	1.6730	2.0040	2.39608	2.66822	3.24515
56	0.67890	1.29685	1.6725	2.0032	2.39480	2.66651	3.24226
57	0.67882	1.29658	1.6720	2.0024	2.39357	2.66487	3.23948
58	0.67874	1.29632	1.6715	2.0017	2.39238	2.66329	3.23680
59	0.67867	1.29607	1.6710	2.0010	2.39123	2.66176	3.23421
60	0.67860	1.29582	1.6706	2.0003	2.39012	2.66028	3.23171
61	0.67853	1.29558	1.6702	1.9996	2.38905	2.65886	3.22930
62	0.67847	1.29536	1.6698	1.9989	2.38801	2.65748	3.22696
63	0.67840	1.29513	1.6694	1.9983	2.38701	2.65615	3.22471
64	0.67834	1.29492	1.6690	1.9977	2.38604	2.65485	3.22253
65	0.67828	1.29471	1.6686	1.9971	2.38510	2.65360	3.22041
66	0.67823	1.29451	1.6682	1.9965	2.38419	2.65239	3.21837
67	0.67817	1.29432	1.6679	1.9960	2.38330	2.65122	3.21639
68	0.67811	1.29413	1.6675	1.9954	2.38245	2.65008	3.21446
69	0.67806	1.29394	1.6672	1.9949	2.38161	2.64898	3.21260
70	0.67801	1.29376	1.6669	1.9944	2.38081	2.64790	3.21079
71	0.67796	1.29359	1.6666	1.9939	2.38002	2.64686	3.20903
72	0.67791	1.29342	1.6662	1.9934	2.37926	2.64585	3.20733
73	0.67787	1.29326	1.6660	1.9930	2.37852	2.64487	3.20567
74	0.67782	1.29310	1.6657	1.9925	2.37780	2.64391	3.20406
75	0.67778	1.29294	1.6654	1.9921	2.37710	2.64298	3.20249
76	0.67773	1.29279	1.6651	1.9916	2.37642	2.64208	3.20096
77	0.67769	1.29264	1.6648	1.9912	2.37576	2.64120	3.19948
78	0.67765	1.29250	1.6646	1.9908	2.37511	2.64034	3.19804
79	0.67761	1.29236	1.6643	1.9904	2.37448	2.63950	3.19663
80	0.67757	1.29222	1.6641	1.9900	2.37387	2.63869	3.19526