

LAMPIRAN I  
UJI KENORMALAN DATA

File Edit View Data Transform Analyze Direct Marketing Graphs Utilities Add-ons Window Help

Visible: 6 of 6 Variables

	V1	LebarPinggul	TinggiPopiteal	PantalPopiteal	TinggiSikuDud...	GenggamanTangan	var	var	var	var	var	var	var	var	var
1	1	37.0	44.0	46.0	19.5	12.0									
2	2	40.0	42.0	44.0	18.5	13.0									
3	3	42.0	46.0	48.0	20.0	13.0									
4	4	39.0	43.0	45.0	20.5	12.5									
5	5	41.0	41.0	43.0	21.0	14.5									
6	6	42.0	42.0	44.0	20.0	14.0									
7	7	44.0	43.0	45.0	20.8	15.0									
8	8	38.0	44.0	46.0	20.5	14.0									
9	9	40.0	40.0	42.0	21.0	13.0									
10	10	43.0	39.0	41.0	21.5	14.5									
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Data View Variable View

File Edit View Data Transform Analyze Direct Marketing Graphs Utilities Add-ons Window Help

Visible: 6 of 6 Variables

	V1	LebarF	GenggamanTangan	var	var	var	var	var	var	var	var	var	var	var	var
1	1		12.0												
2	2		13.0												
3	3		13.0												
4	4		12.5												
5	5		14.5												
6	6		14.0												
7	7		15.0												
8	8		14.0												
9	9		13.0												
10	10		14.5												
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Data View Variable View

Descriptive Statistics

- Reports
- Descriptive Statistics
  - Frequencies...
  - Descriptives...
  - Explore...
  - Crosstabs...
  - Ratio...
  - P-P Plots...
  - Q-Q Plots...
- Tables
- Compare Means
- General Linear Model
- Generalized Linear Models
- Mixed Models
- Correlate
- Regression
  - Loglinear
  - Neural Networks
  - Classify
  - Dimension Reduction
  - Scale
- Nonparametric Tests
- Forecasting
- Survival
- Multiple Response
- Missing Value Analysis...
- Multiple Imputation
- Complex Samples
- Simulation...
- Quality Control
- ROC Curve...

IBM SPSS Statistics Processor is ready

File Edit View Data Transform Analyze Direct Marketing Graphs Utilities Add-ons Window Help

1: Visible: 6 of 6 Variables

	V1	LebarP	GenggamanTangan	var	var	var	var	var	var	var	var	var
1	1											
2	2											
3	3											
4	4											
5	5											
6	6											
7	7											
8	8											
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Explore...

IBM SPSS Statistics Processor is ready

File Edit View Data Transform Analyze Direct Marketing Graphs Utilities Add-ons Window Help

1: Visible: 6 of 6 Variables

	V1	LebarPinggul	TinggiPopiteal	PantatPopiteal	TinggiSikuDud.	GenggamanTangan	var	var	var	var	var	var
1	1	37.0	44.0		46.0	19.5	12.0					
2	2	40.0	42.0		44.0	18.5	13.0					
3	3	42.0	46.0									
4	4	39.0	43.0									
5	5	41.0	41.0									
6	6	42.0	42.0									
7	7	44.0	43.0									
8	8	38.0	44.0									
9	9	40.0	40.0									
10	10	43.0	39.0									
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15												
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19												
20												
21												
22												

Explore

Dependent List: LebarPinggul, TinggiPopiteal, PantatPopiteal

Factor List:

Label Cases by:

Display:  Both  Statistics  Plots

OK Paste Reset Cancel Help

IBM SPSS Statistics Processor is ready

**One-Sample Kolmogorov-Smirnov Test**

		LebarPinggul	TinggiPopitea l	PantatPopitea l	JangkauanTangan	RentangTangan	TinggiSikuDuduk	LebarSetengahBahu	GenggamanTangan
N		10	10	10	10	10	10	10	10
Normal Parameters <sup>a,b</sup>	Mean	40.600	42.400	44.400	63.650	167.000	20.325	19.850	13.550
	Std. Deviation	2.2211	2.0656	2.0656	1.7329	3.2059	.8664	1.2202	.9846
Most Extreme Differences	Absolute	.136	.123	.123	.180	.125	.180	.149	.212
	Positive	.106	.119	.119	.118	.125	.118	.105	.212
	Negative	-.136	-.123	-.123	-.180	-.094	-.180	-.149	-.176
Kolmogorov-Smirnov Z		.429	.390	.390	.569	.396	.569	.471	.670
Asymp. Sig. (2-tailed)		.993	.998	.998	.902	.998	.902	.980	.761

LAMPIRAN II  
UJI KESERAGAMAN DATA

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1: Visible: 6 of 6 Variables

	V1	LebarP	tinggiSikuDud...	GenggamanTangan	var	var	var	var	var	var	var	var	var	var
1	1													
2	2													
3	3													
4	4													
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22														

Control Charts...

ROC Curve...

Control Charts...

Pareto Charts...

Data View Variable View

Control Charts... IBM SPSS Statistics Processor is ready

File Edit View Data Transform Analyze Direct Marketing Graphs Utilities Add-ons Window Help

1: Visible: 6 of 6 Variables

	V1	LebarPinggul	TinggiPopiteal	PantatPopiteal	TinggiSikuDud...	GenggamanTangan	var	var	var	var	var	var	var	var
1	1	37.0	44.0	46.0	19.5	12.0								
2	2	40.0	42.0	44.0	18.5	13.0								
3	3	42.0	46.0	48.0	20.0	13.0								
4	4	39.0	43.0	45.0	20.5	12.5								
5	5	41.0	41.0	43.0	21.0	14.5								
6	6	42.0	42.0	44.0	20.0	14.0								
7	7	44.0	43.0	45.0	20.8	15.0								
8	8	38.0	44.0	46.0	20.5	14.0								
9	9	40.0	40.0	42.0	21.0	13.0								
10	10	43.0	39.0	41.0	21.5	14.5								
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Control Charts

Variables Charts

X-bar, R, s

Individuals, Moving Range

Attribute Charts

p, np

c, u

Data Organization

Cases are units

Cases are subgroups

Define Cancel Help

Data View Variable View

IBM SPSS Statistics Processor is ready

File Edit View Data Transform Analyze Direct Marketing Graphs Utilities Add-ons Window Help

Visible: 6 of 6 Variables

	V1	LebarPinggul	TinggiPopiteal	PantatPopiteal	TinggiSikuDud.	GenggamanTangan	var	var	var	var	var	var	var	var
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2	2	40.0	42.0	44.0	18									
3	3	42.0	46.0	48.0	20									
4	4	39.0	43.0	45.0	20									
5	5	41.0	41.0	43.0	21									
6	6	42.0	42.0	44.0	20									
7	7	44.0	43.0	45.0	20									
8	8	38.0	44.0	46.0	20									
9	9	40.0	40.0	42.0	21									
10	10	43.0	39.0	41.0	21									
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18														
19														
20														
21														
22														

Control Charts

Variables Charts

- X-bar, R, s
- Individuals, Moving Range

Attribute Charts

- p, np
- c, u

Data Organization

- Cases are units
- Cases are subgroups

Define Cancel Help

Data View Variable View

IBM SPSS Statistics Processor is ready

File Edit View Data Transform Analyze Direct Marketing Graphs Utilities Add-ons Window Help

Visible: 6 of 6 Variables

	V1	LebarPinggul	TinggiPopiteal	PantatPopiteal	TinggiSikuDud.	GenggamanTangan	var	var	var	var	var	var	var	var
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3	3	42.0	46.0	48.0	20									
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5	5	41.0	41.0	43.0	21									
6	6	42.0	42.0	44.0	20									
7	7	44.0	43.0	45.0	20									
8	8	38.0	44.0	46.0	20									
9	9	40.0	40.0	42.0	21									
10	10	43.0	39.0	41.0	21									
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Individuals and Moving Range

Process Measurement

- LebarPinggul

Subgroups Labeled by:

Identify points by:

Charts

- Individuals and moving range
- Individuals

Span: 2

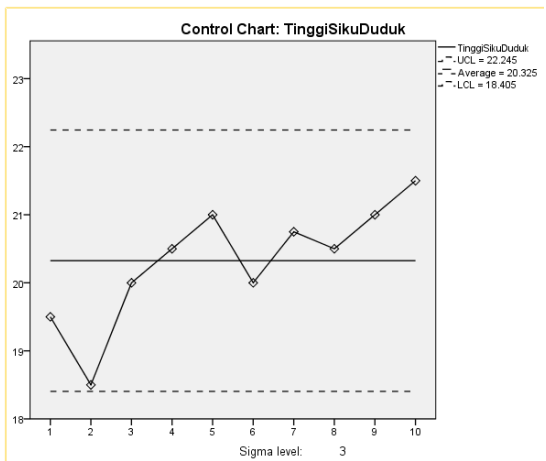
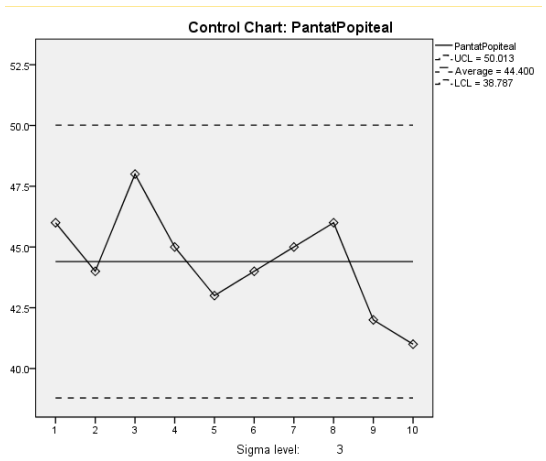
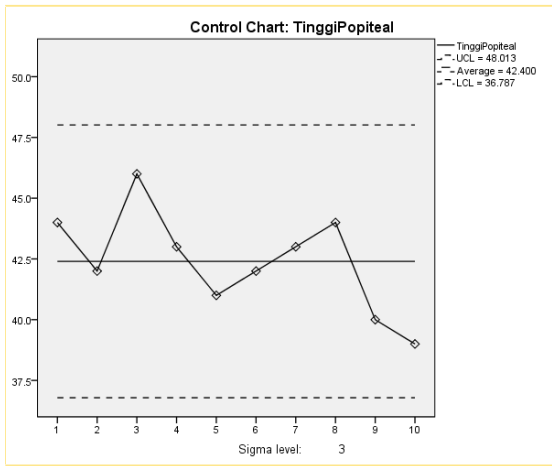
Template

- Apply chart template from:
- File...

OK Paste Reset Cancel Help

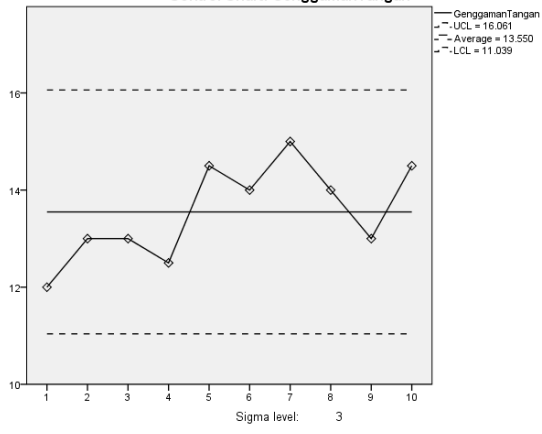
Data View Variable View

IBM SPSS Statistics Processor is ready





Control Chart: GenggamanTangan



LAMPIRAN III  
UJI KECUKUPAN DATA

1. Tinggi Popiteal

$$N' = \left( \frac{\frac{2}{0,05} \sqrt{10(18016) - (424)^2}}{424} \right)^2$$

$$N' = \left( \frac{\frac{2}{0,05} \sqrt{180160 - 179776}}{424} \right)^2$$

$$N' = 3,41$$

2. Pantat Popiteal

$$N' = \left( \frac{\frac{2}{0,05} \sqrt{10(197520) - (444)^2}}{444} \right)^2$$

$$N' = \left( \frac{\frac{2}{0,05} \sqrt{(1971360) - (197136)}}{444} \right)^2$$

$$N' = 3,11$$

3. Tinggi Siku Duduk

$$N' = \left( \frac{\frac{2}{0,05} \sqrt{10(4148,25) - (203,5)^2}}{203,5} \right)^2$$

$$N' = \left( \frac{\frac{2}{0,05} \sqrt{(41482,5) - (41412,25)}}{203,5} \right)^2$$

$$N' = 2,71$$

#### 4. Genggaman Tangan

$$N' = \left( \frac{\frac{2}{0,05} \sqrt{10(451) - (67)^2}}{67} \right)^2$$

$$N' = \left( \frac{\frac{2}{0,05} \sqrt{(4510) - (4489)}}{406} \right)^2$$

$$N' = 7,21$$

LAMPIRAN IV  
PERHITUNGAN PERSENTIL

1. Tinggi Popiteal
  - a. Persentil 5
 
$$\begin{aligned} &= \bar{x} - 1,645 \sigma_x \\ &= 42,2 - 1,645 (2,07) \\ &= 38,9 \end{aligned}$$
  - b. Persentil 50
 
$$= 42,2$$
  - c. Persentil 95
 
$$\begin{aligned} &= \bar{x} + 1,645 \sigma_x \\ &= 42,2 + 1,645(2,07) \\ &= 45,7 \end{aligned}$$
2. Pantat Popiteal
  - a. Persentil 5
 
$$\begin{aligned} &= \bar{x} - 1,645 \sigma_x \\ &= 44,4 - 1,645(2,07) \\ &= 41 \end{aligned}$$
  - b. Persentil 50
 
$$= 44,4$$
  - c. Persentil 95
 
$$\begin{aligned} &= \bar{x} + 1,645 \sigma_x \\ &= 44,4 + 1,645(2,07) \\ &= 47,8 \end{aligned}$$
3. Tinggi Siku Duduk
  - a. Persentil 5
 
$$\begin{aligned} &= \bar{x} - 1,645 \sigma_x \\ &= 20,35 - 1,645 (0,87) \\ &= 18,9 \end{aligned}$$
  - b. Persentil 50
 
$$= 20,35$$
  - c. Persentil 95
 
$$\begin{aligned} &= \bar{x} + 1,645 \sigma_x \\ &= 20,35 + 1,645 (0,87) \\ &= 21,8 \end{aligned}$$
4. Genggaman Tangan
  - a. Persentil 5
 
$$\begin{aligned} &= \bar{x} - 1,645 \sigma_x \\ &= 7,4 - 1,645 (0,99) \\ &= 6,41 \end{aligned}$$
  - b. Persentil 50
 
$$= 7,4$$
  - c. Persentil 95
 
$$\begin{aligned} &= \bar{x} + 1,645 \sigma_x \\ &= 7,4 + 1,645 (0,99) \\ &= 8,39 \end{aligned}$$

LAMPIRAN V  
GAMBAR ALAT PEMOTONG KERUPUK



Gambar Meja Pemotong Tampak Depan



Gambar Meja Pemotong Tampak Samping





Gambar Meja Tampak Atas



Gambar Kursi Tampak Depan



Gambar Kursi Tampak Samping



Gambar Alat Pemotong Tampak Samping



Gambar Alat Pemotong Tampak Depan



Gambar Alat Pemotong Tampak Atas