

KORELASI BIVARIAT

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Aplikom Inferensial, 19 November 2012

- ◉ Parametrik → Person product moment (ppm)
- ◉ Non parametrik → rank spearman
- ◉ Ada variabel kontrol → korelasi parsial

KORELASI PEARSON PRODUCT MOMENT



- Title
- Notes
- Active Dataset
- Case Processing Summary
- Descriptives
- Tests of Normality
- umur
 - Title
 - Stem-and-Leaf Plot
 - Normal Q-Q Plot
 - Detrended Normal Q-Q Plot
 - Boxplot
- tk_didik
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 - Stem-and-Leaf Plot
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- angg_rt
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 - Stem-and-Leaf Plot
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 - Boxplot
- tot_pend
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 - Boxplot

Interquartile Range	3.28	
Skewness	.138	.427
Kurtosis	-1.128	.833

Tests of Normality						
	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
umur	.135	30	.169	.922	30	.030
tk_didik	.228	30	.000	.898	30	.008
angg_rt	.182	30	.012	.918	30	.024
tot_pend	.127	30	.200*	.948	30	.152
berat	.188	30	.009	.936	30	.071
tinggi	.181	30	.013	.870	30	.002
lila	.156	30	.060	.942	30	.102
bmi	.187	30	.009	.922	30	.031

a. Lilliefors Significance Correction
 *. This is a lower bound of the true significance.



umur



5 : angg_rt 3.0

	nama
1	sutinah
2	sutinah
3	sutinah
4	diana
5	diana
6	diana
7	markonah
8	markonah
9	markonah
10	engelica
11	engelica
12	engelica
13	pariyem
14	pariyem
15	pariyem
16	kalila

- Reports
- Descriptive Statistics
- Tables
- RFM Analysis
- Compare Means
- General Linear Model
- Generalized Linear Models
- Mixed Models
- Correlate**
 - Bivariate...
 - Partial...
 - Distances...
- Regression
- Loglinear
- Neural Networks
- Classify
- Dimension Reduction
- Scale
- Nonparametric Tests
- Forecasting
- Survival
- Multiple Response
- Missing Value Analysis...
- Multiple Imputation
- Complex Samples
- Quality Control
- ROC Curve...



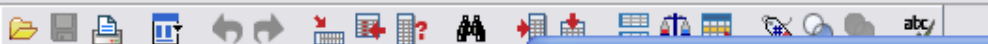
Visible: 9 of 9 Variables

angg_rt	tot_pend	berat	tinggi	lila	bmi	var	var
4	1200000	56	160	23.5	21.87		
4	1500000	57	160	23.0	22.27		
4	1700000	58	160	24.0	22.66		
4	1000000	48	155	21.0	19.98		
4	1200000	47	155	23.0	19.56		
4	1000000	49	155	22.0	20.40		
7	1200000	45	158	23.0	18.03		
7	1250000	46	158	23.5	18.43		
7	1400000	47	158	23.0	18.83		
5	1600000	55	165	25.0	20.20		
5	1650000	56	165	25.0	20.57		
5	1700000	55	165	26.0	20.20		
6	1200000	50	156	25.0	20.55		
6	1250000	49	156	24.0	20.13		
6	1500000	48	156	23.0	19.72		
4	1000000	56	166	22.0	20.32		

Data View Variable View

Bivariate...

SPSS Statistics Processor is ready



5 : angg_rt 3.0

	nama	umur
12	engelica	28
13	pariyem	20
14	periyem	21
15	periyem	21
16	kalila	22

Bivariate Correlations: Options

Statistics

Means and standard deviations

Cross-product deviations and covariances

Missing Values

Exclude cases pairwise

Exclude cases listwise

Continue Cancel Help

Bivariate Correlations

Variables:

- umur
- tk_didik
- angg_rt
- tinggi
- bmi
- tot_pend
- berat
- lila

Correlation Coefficients

Pearson Kendall's tau-b Spearman

Test of Significance

Two-tailed One-tailed

Flag significant correlations

OK Paste Reset Cancel Help

Visible: 9 of 9 Variables

	bmi	var	var
23.5	21.87		
23.0	22.27		
24.0	22.66		
21.0	19.98		
23.0	19.56		
22.0	20.40		
23.0	18.03		
23.5	18.43		
23.0	18.83		
25.0	20.20		
25.0	20.57		
26.0	20.20		
25.0	20.55		
24.0	20.13		
23.0	19.72		
22.0	20.32		



- Boxplot
 - tinggi
 - Title
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 - Normal Q-Q Plot
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 - Boxplot
 - lila
 - Title
 - Stem-and-Leaf Plot
 - Normal Q-Q Plot
 - Detrended Normal Q-Q Plot
 - Boxplot
 - bmi
 - Title
 - Stem-and-Leaf Plot
 - Normal Q-Q Plot
 - Detrended Normal Q-Q Plot
 - Boxplot
- Log
- Correlations
 - Title
 - Notes
 - Active Dataset
 - Correlations

```
/PRINT=TOTAL NO SIG  
/MISSING=PAIRWISE.
```

Correlations

[DataSet1] F:\BHN KUL S1 KESMAS DINUS\APLIKOM INFERENSIAL\uji korelasi bivariat.sav

		tot_pend	berat	lila
tot_pend	Pearson Correlation	1	-.047	.033
	Sig. (2-tailed)		.804	.864
	N	30	30	30
berat	Pearson Correlation	-.047	1	.487**
	Sig. (2-tailed)	.804		.006
	N	30	30	30
lila	Pearson Correlation	.033	.487**	1
	Sig. (2-tailed)	.864	.006	
	N	30	30	30

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