

```

UNIANOVA TEER_24h_norm BY dose_range_TEER
/METHOD=SSTYPE(3)
/INTERCEPT=INCLUDE
/CRITERIA=ALPHA(0.05)
/DESIGN=dose_range_TEER.

```

Univariate Analysis of Variance

Notes

Output Created	27-Feb-2015 18:39:38	
Comments		
Input	Data	C:\Users\David G. Cook\Desktop\Home Folder\Manuscripts\mauricio computation paper\endothelial cell analysis.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	68
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax	UNIANOVA TEER_24h_norm BY dose_range_TEER /METHOD=SSTYPE(3) /INTERCEPT=INCLUDE /CRITERIA=ALPHA(0.05) /DESIGN=dose_range_TEER.	
Resources	Processor Time	00 00:00:00.016
	Elapsed Time	00 00:00:00.010

[DataSet1] C:\Users\David G. Cook\Desktop\Home Folder\Manuscripts\mauricio computation paper\endothelial cell analysis.sav

Between-Subjects Factors

	N
dose_range_TEER 0	26
11	15
12	12
13	9

Tests of Between-Subjects Effects

Dependent Variable: TEER_24h_norm

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1.888 ^a	3	.629	11.713	.000
Intercept	28.923	1	28.923	538.288	.000
dose_range_TEER	1.888	3	.629	11.713	.00000420
Error	3.116	58	.054		
Total	45.011	62			
Corrected Total	5.005	61			

a. R Squared = .377 (Adjusted R Squared = .345)

CORRELATIONS

```

/VARIABLES=dose_range_TEER TEER_24h_norm
/PRINT=TWOTAIL NOSIG
/MISSING=PAIRWISE.

```

Correlations

Notes

Output Created	27-Feb-2015 18:43:49	
Comments		
Input	Data	C:\Users\David G. Cook\Desktop\Home Folder\Manuscripts\mauricio computation paper\endothelial cell analysis.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	68
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax	CORRELATIONS /VARIABLES=dose_range_TEER TEER_24h_norm /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.	
Resources	Processor Time	00 00:00:00.000
	Elapsed Time	00 00:00:00.007

[DataSet1] C:\Users\David G. Cook\Desktop\Home Folder\Manuscripts\mauricio computation paper\endothelial cell analysis.sav

Correlations

		dose_range_ TEER	TEER_24h_ norm
dose_range_TEER	Pearson Correlation	1	-.603
	Sig. (2-tailed)		.00000021
	N	62	62
TEER_24h_norm	Pearson Correlation	-.603 ^{**}	1
	Sig. (2-tailed)	.000	
	N	62	68

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

```
UNIANOVA sucrose_perm BY dose_range_sucrose
  /METHOD=SSTYPE(3)
  /INTERCEPT=INCLUDE
  /CRITERIA=ALPHA(0.05)
  /DESIGN=dose_range_sucrose.
```

Univariate Analysis of Variance

Notes

Output Created		27-Feb-2015 18:45:10
Comments		
Input	Data	C:\Users\David G. Cook\Desktop\Home Folder\Manuscripts\mauricio computation paper\endothelial cell analysis.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	68
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		UNIANOVA sucrose_perm BY dose_range_sucrose /METHOD=SSTYPE(3) /INTERCEPT=INCLUDE /CRITERIA=ALPHA(0.05) /DESIGN=dose_range_sucrose.
Resources	Processor Time	00 00:00:00.016
	Elapsed Time	00 00:00:00.005

[DataSet1] C:\Users\David G. Cook\Desktop\Home Folder\Manuscripts\mauricio computation paper\endothelial cell analysis.sav

Between-Subjects Factors

	N
dose_range_sucrose 0	7
11	4
12	3
13	4

Tests of Between-Subjects Effects

Dependent Variable:sucrose_perm

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	.913 ^a	3	.304	12.861	.000
Intercept	6.488	1	6.488	274.149	.000
dose_range_sucrose	.913	3	.304	12.861	.00026097
Error	.331	14	.024		
Total	7.437	18			
Corrected Total	1.244	17			

a. R Squared = .734 (Adjusted R Squared = .677)

CORRELATIONS

```

/VARIABLES=dose_range_sucrose sucrose_perm
/PRINT=TWOTAIL NOSIG
/MISSING=PAIRWISE.

```

Correlations

Notes

Output Created	27-Feb-2015 18:46:09	
Comments		
Input	Data	C:\Users\David G. Cook\Desktop\Home Folder\Manuscripts\mauricio computation paper\endothelial cell analysis.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	68
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax	CORRELATIONS /VARIABLES=dose_range_sucrose sucrose_perm /PRINT=TWOTAIL NOSIG /MISSING=PAIRWISE.	
Resources	Processor Time	00 00:00:00.000
	Elapsed Time	00 00:00:00.015

[DataSet1] C:\Users\David G. Cook\Desktop\Home Folder\Manuscripts\mauricio computation paper\endothelial cell analysis.sav

Correlations

		dose_range_ sucrose	sucrose_perm
dose_range_sucrose	Pearson Correlation	1	.695
	Sig. (2-tailed)		.001
	N	18	18
sucrose_perm	Pearson Correlation	.695	1
	Sig. (2-tailed)	.001	
	N	18	18

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