

**Reliability Analysis**

judge3  
judge4

▶

Items:  
judge1  
judge2

Model: Alpha

Scale label:

OK  
Paste  
Reset  
Cancel  
Help

Statistics...

**Reliability Analysis: Statistics**

Descriptives for  
 Item  
 Scale  
 Scale if item deleted

Inter-Item  
 Correlations  
 Covariances

Summaries  
 Means  
 Variances  
 Covariances  
 Correlations

ANOVA Table  
 None  
 F test  
 Friedman chi-square  
 Cochran chi-square

Hotelling's T-square     Tukey's test of additivity

Intraclass correlation coefficient

Model: Two-Way Mixed    Type: Absolute Agreemer

Confidence interval: 95 %    Test value: 0

Continue  
Cancel  
Help

## Correlations

Correlations

		judge1	judge2
judge1	Pearson Correlation	1	.964**
	Sig. (2-tailed)		.000
	N	10	10
judge2	Pearson Correlation	.964**	1
	Sig. (2-tailed)	.000	
	N	10	10

\*\* . Correlation is significant at the 0.01 level

## Nonparametric Correlations

Correlations

			judge1	judge2
Kendall's tau_b	judge1	Correlation Coefficient	1.000	.867**
		Sig. (2-tailed)	.	.000
		N	10	10
	judge2	Correlation Coefficient	.867**	1.000
		Sig. (2-tailed)	.000	.
		N	10	10
Spearman's rho	judge1	Correlation Coefficient	1.000	.964**
		Sig. (2-tailed)	.	.000
		N	10	10
	judge2	Correlation Coefficient	.964**	1.000
		Sig. (2-tailed)	.000	.
		N	10	10

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

Intraclass Correlation Coefficient

	Intraclass Correlation <sup>a</sup>	95% Confidence Interval		F Test with True Value 0			
		Lower Bound	Upper Bound	Value	df1	df2	Sig
Single Measures	.967 <sup>b</sup>	.873	.992	54.000	9.0	9	.000
Average Measures	.983 <sup>c</sup>	.932	.996	54.000	9.0	9	.000

Two-way mixed effects model where people effects are random and measures effects are fixed.

- Type A intraclass correlation coefficients using an absolute agreement definition.
- The estimator is the same, whether the interaction effect is present or not.
- This estimate is computed assuming the interaction effect is absent, because it is not estimable otherwise.

### Intraclass Correlation Coefficient

	Intraclass Correlation <sup>a</sup>	95% Confidence Interval		F Test with True Value 0			
		Lower Bound	Upper Bound	Value	df1	df2	Sig
Single Measures	.882 <sup>b</sup>	.698	.966	21.203	9.0	18	.000
Average Measures	.957 <sup>c</sup>	.874	.989	21.203	9.0	18	.000

Two-way mixed effects model where people effects are random and measures effects are fixed.

- a. Type A intraclass correlation coefficients using an absolute agreement definition.
- b. The estimator is the same, whether the interaction effect is present or not.
- c. This estimate is computed assuming the interaction effect is absent, because it is not estimable otherwise.