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EDG500

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SPSS Chapter 10 Step by Step:

Correlations

Correlations

		SAT Verbal Scores	Freshman GPA
SAT Verbal Scores	Pearson Correlation	1	.831**
	Sig. (2-tailed)		0.001
	N	12	12
Freshman GPA	Pearson Correlation	.831**	1
	Sig. (2-tailed)	0.001	
	N	12	12

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

Nonparametric Correlations

Correlations

			SAT Verbal Scores	Freshman GPA
Spearman's rho	SAT Verbal Scores	Correlation Coefficient	1.000	.825**
		Sig. (2-tailed)		0.001
		N	12	12
	Freshman GPA	Correlation Coefficient	.825**	1.000
		Sig. (2-tailed)	0.001	
		N	12	12

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

Chapter 10 Exercise:

Correlations

Correlations

		Words Typed Per Minute	Success on the Job
Words Typed Per Minute	Pearson Correlation	1	.749**
	Sig. (2-tailed)		0.000
	N	20	20
Success on the Job	Pearson Correlation	.749**	1
	Sig. (2-tailed)	0.000	
	N	20	20

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

Nonparametric Correlations

Correlations

			Words Typed Per Minute	Success on the Job
Spearman's rho	Words Typed Per Minute	Correlation Coefficient	1.000	.659**
		Sig. (2-tailed)		0.002
		N	20	20
	Success on the Job	Correlation Coefficient	.659**	1.000
		Sig. (2-tailed)	0.002	
		N	20	20

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

- What is the value of the Pearson r ? .749
- What is the value of Spearman's ρ ? .659
- Write a sentence that presents the Pearson r for the relationship between words typed and success: The relationship between Words Typed per minute and Success on the job is direct and very strong (Pearson $r = .75$).