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 SPSS Ch 10 Correlation Coefficients
 Ed. Research EDG500

Correlations,
 Pearson's:

Correlations

		SAT Verbal Scores	Freshman GPA
SAT Verbal Scores	Pearson Correlation	1	.831**
	Sig. (2-tailed)		<.001
	N	12	12
Freshman GPA	Pearson Correlation	.831**	1
	Sig. (2-tailed)	<.001	
	N	12	12

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

Direct; very strong; *r*

Nonparametric Correlations,
 Spearman's:

Correlations

		SAT Verbal Scores	Freshman GPA
Spearman's rho	SAT Verbal Scores	Correlation Coefficient	1.000
		Sig. (2-tailed)	.
		N	12
	Freshman GPA	Correlation Coefficient	.825**
		Sig. (2-tailed)	<.001
		N	12

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

Direct; very strong; *rho*

Exercise Ch 10:

Correlations

		Words Typed per Minute	Success on the Job
Words Typed per Minute	Pearson Correlation	1	.749**
	Sig. (2-tailed)		<.001
	N	20	20
Success on the Job	Pearson Correlation	.749**	1
	Sig. (2-tailed)	<.001	
	N	20	20

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

Direct; Very strong; *r*

Correlations

		Words Typed per Minute	Success on the Job
Spearman's rho	Words Typed per Minute	Correlation Coefficient	1.000
		Sig. (2-tailed)	.002
		N	20
	Success on the Job	Correlation Coefficient	.659**
		Sig. (2-tailed)	.002
		N	20

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

Direct; moderately strong; *rho*

- The value of the Pearson *r* is very strong (.75)
- The value of Spearman is moderately strong (.66)
- Direct; very strong; *r*