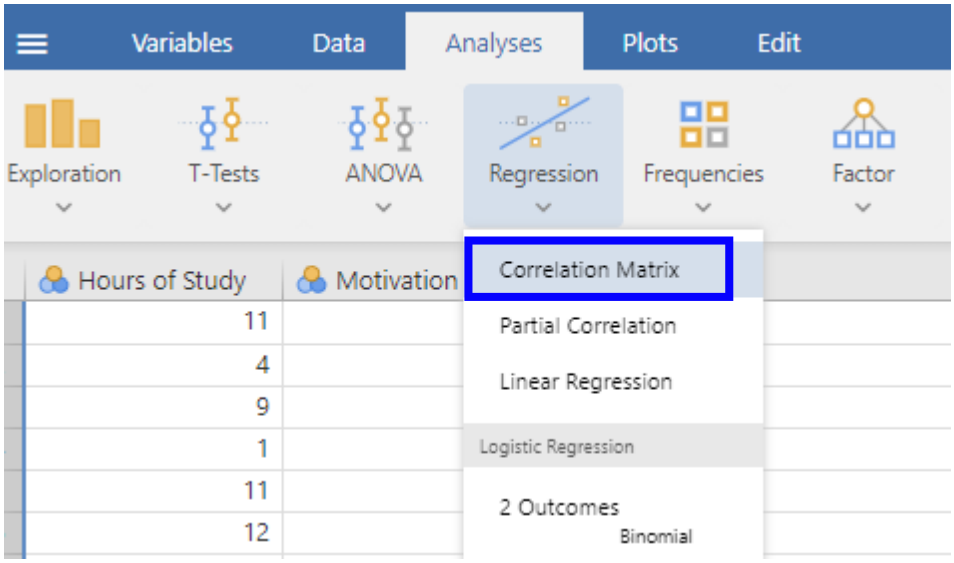
Correlation in Jamovi

Step 1: Open the analysis

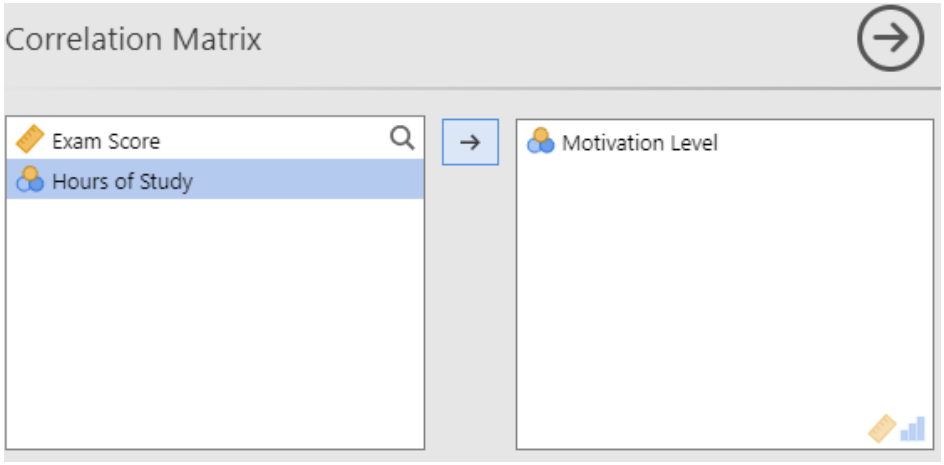
From the menu:

1. Analyses
2. Regression
3. Correlation Matrix



Step 2: Select variables

Move numerical variables into the **Variables** box.

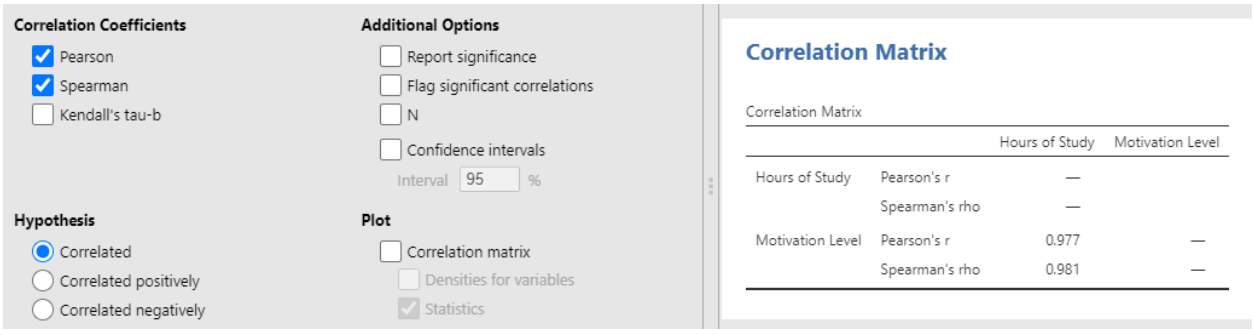


Step 3: Select correlation type

Under **Correlation Coefficients**, choose:

- Pearson
- Spearman

You may select both to compare results.



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Step 4: Additional options

Consider selecting from the additional options to help visualise relationships:

- State hypothesis
- Report significance
- Flag significant correlations
- Display p-values
- Scatter Plot



Correlation Matrix

		Hours of Study	Motivation Level
Hours of Study	Pearson's r	—	
	df	—	
	p-value	—	
	Spearman's rho	—	
	df	—	
	p-value	—	
Motivation Level	Pearson's r	0.977 ***	—
	df	298	—
	p-value	< .001	—
	Spearman's rho	0.981 ***	—
	df	298	—
	p-value	< .001	—

Note. H_a is positive correlation

Note. * p < .05, ** p < .01, *** p < .001, one-tailed

Related helpsheets

- Correlation vs Cause-effect
- Types of Data
- Overcoming Maths Anxiety