Results

Descriptives

Descriptives

	Code
N	103
Missing	0

Descriptives

Descriptives

	Sex
N	103
Missing	0

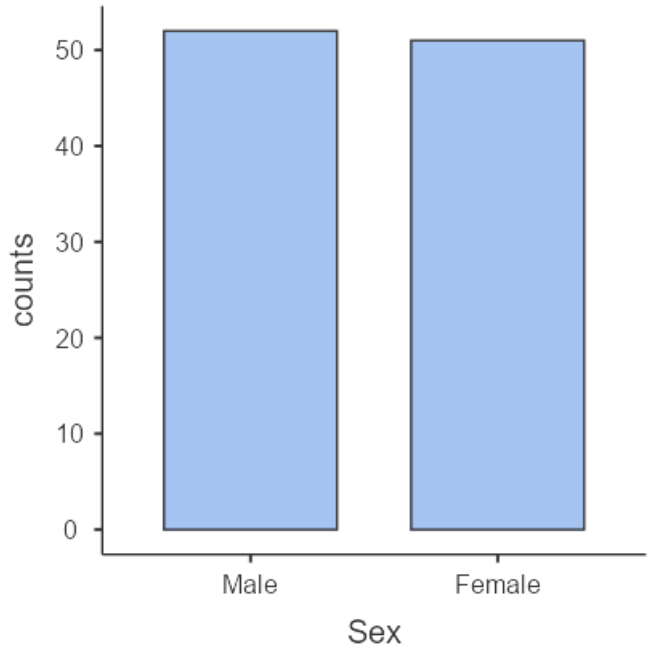
Frequencies

Frequencies of Sex

Levels	Counts	% of Total	Cumulative %
Male	52	50.5 %	50.5 %
Female	51	49.5 %	100.0 %

Plots

Sex



Descriptives

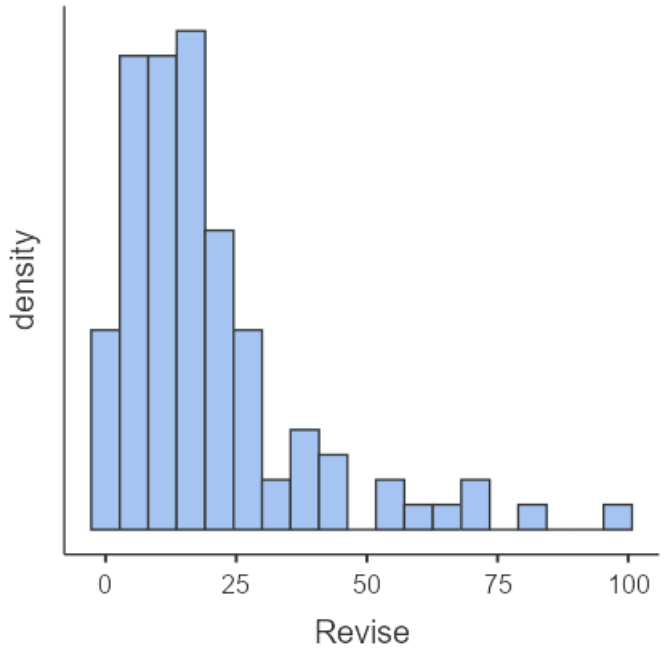
Descriptives

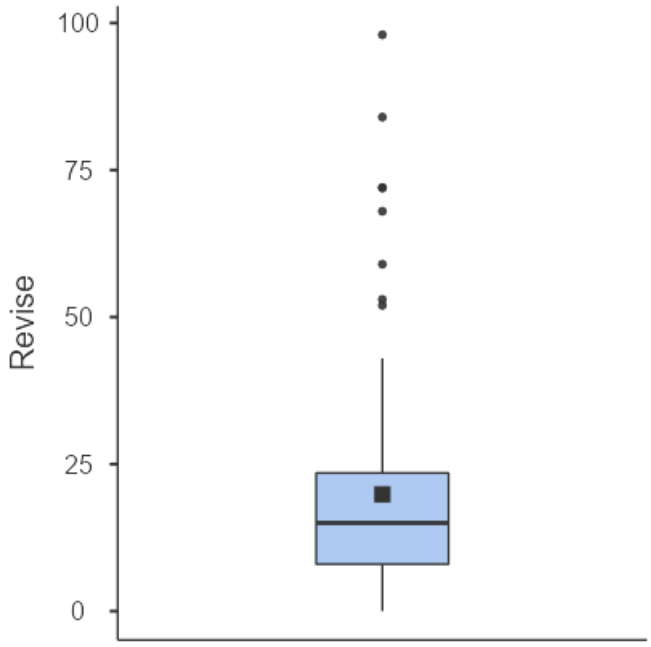
	Revise	Exam	Anxiety
N	103	103	103
Missing	0	0	0
Mean	19.9	56.6	74.3
Median	15.0	60	79.0
Mode	4.00	70.0 [a]	82.3 [a]
Standard deviation	18.2	25.9	17.2
Variance	330	673	295
IQR	15.5	40.0	14.9
Range	98.0	98	97.5
Minimum	0.00	2	0.0560
Maximum	98.0	100	97.6
Skewness	2.01	-0.373	-2.01
Std. error skewness	0.238	0.238	0.238
Kurtosis	4.77	-0.852	5.19
Std. error kurtosis	0.472	0.472	0.472

[a] More than one mode exists, only the first is reported

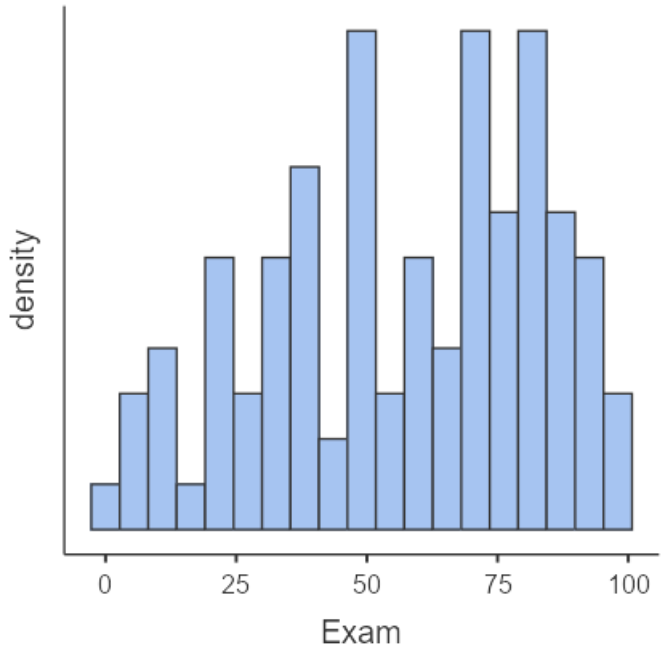
Plots

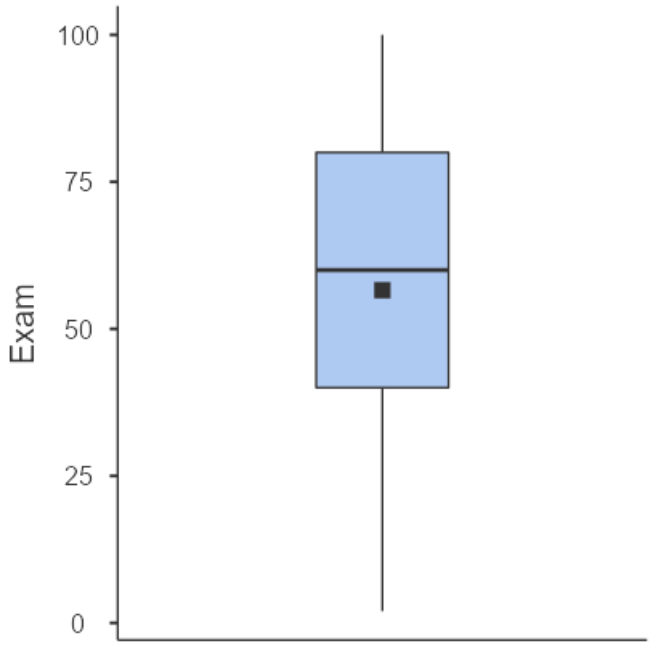
Revise



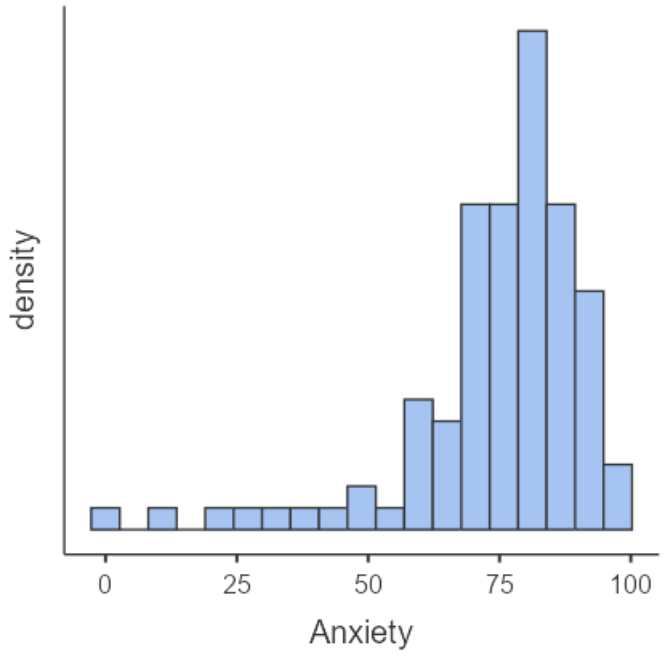


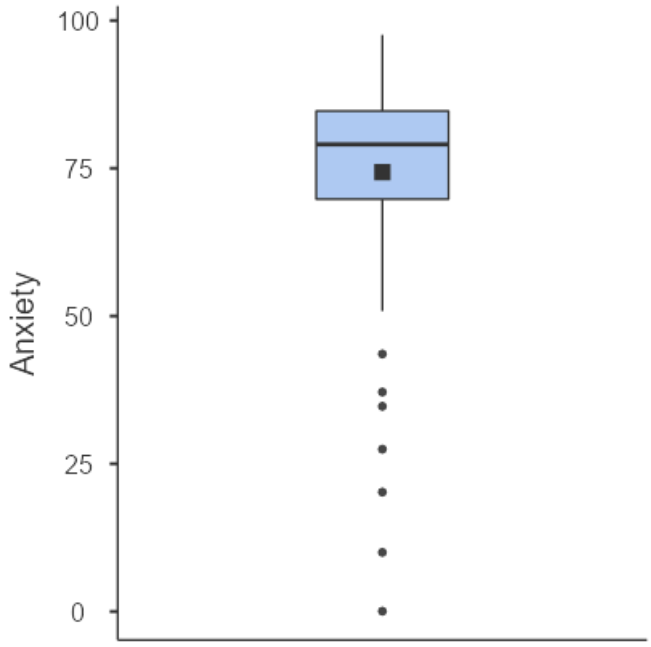
Exam





Anxiety





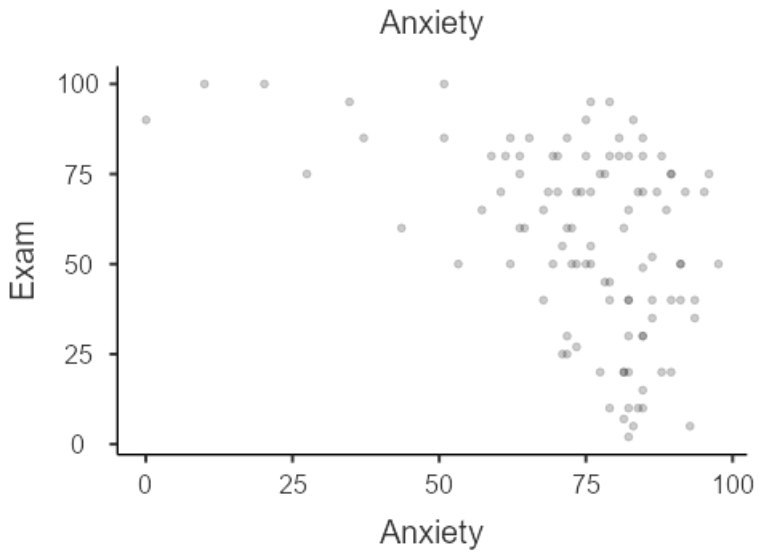
Relationships, Prediction, and Group Comparisons

You have entered a numeric variable for Variable 1 / Dependent Variable and a numeric variable for Variable 2 / Independent Variables. Hence, the Pearson correlation coefficient, which is a measure for the strength of the linear relationship between two variables, seems to be a good option for you! In order to run this analysis in jamovi, go to: Regression > Correlation Matrix

- Drop your two variables in the white box at the right
- Under Correlation Coefficients, select Pearson (selected by default)
- Under Hypothesis, select your alternative hypothesis

Alternatively, you could perform a linear regression analysis. The test outcomes of both methods will be equivalent. Click on the links to learn more about these methods!

Scatter Plots of Bivariate Relationships - Dependent/Independent Variables

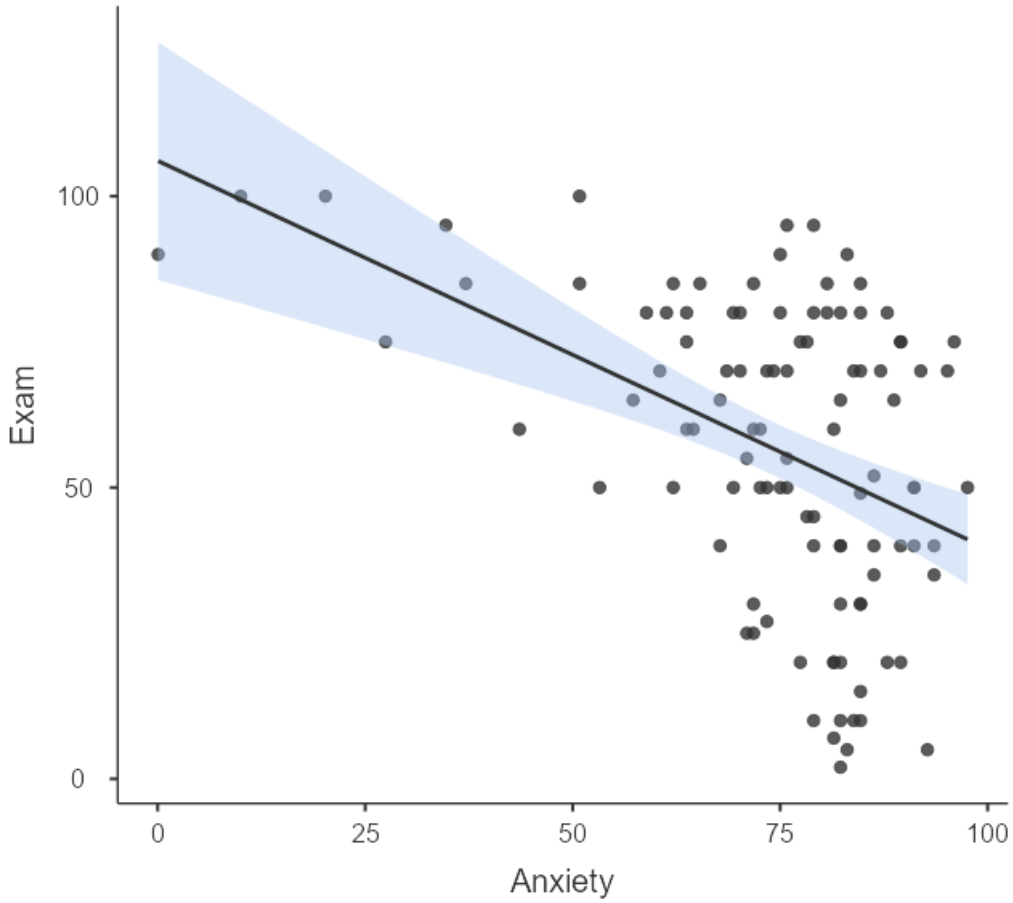


Correlation Matrix

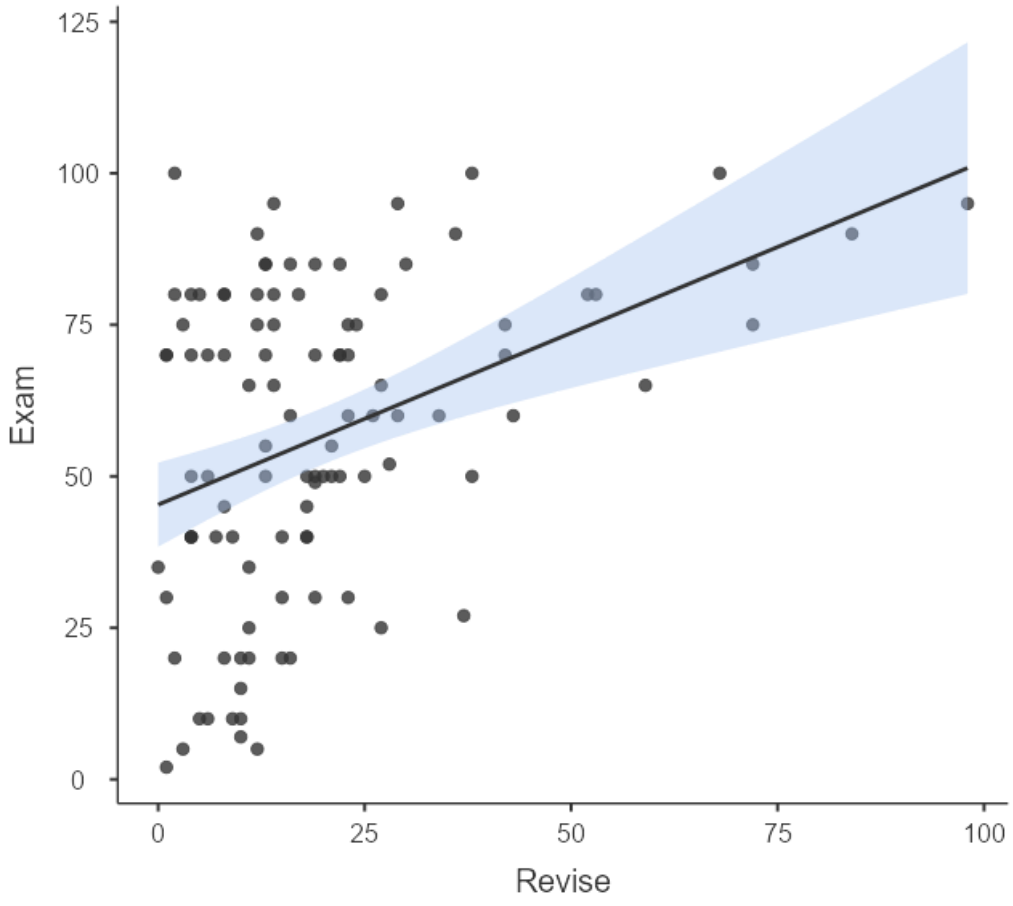
Correlation Matrix

		Anxiety	Exam
Anxiety	Pearson's r	—	
	p-value	—	
	95% CI Upper	—	
	95% CI Lower	—	
Exam	Pearson's r	-0.441	—
	p-value	< .001	—
	95% CI Upper	-0.271	—
	95% CI Lower	-0.585	—

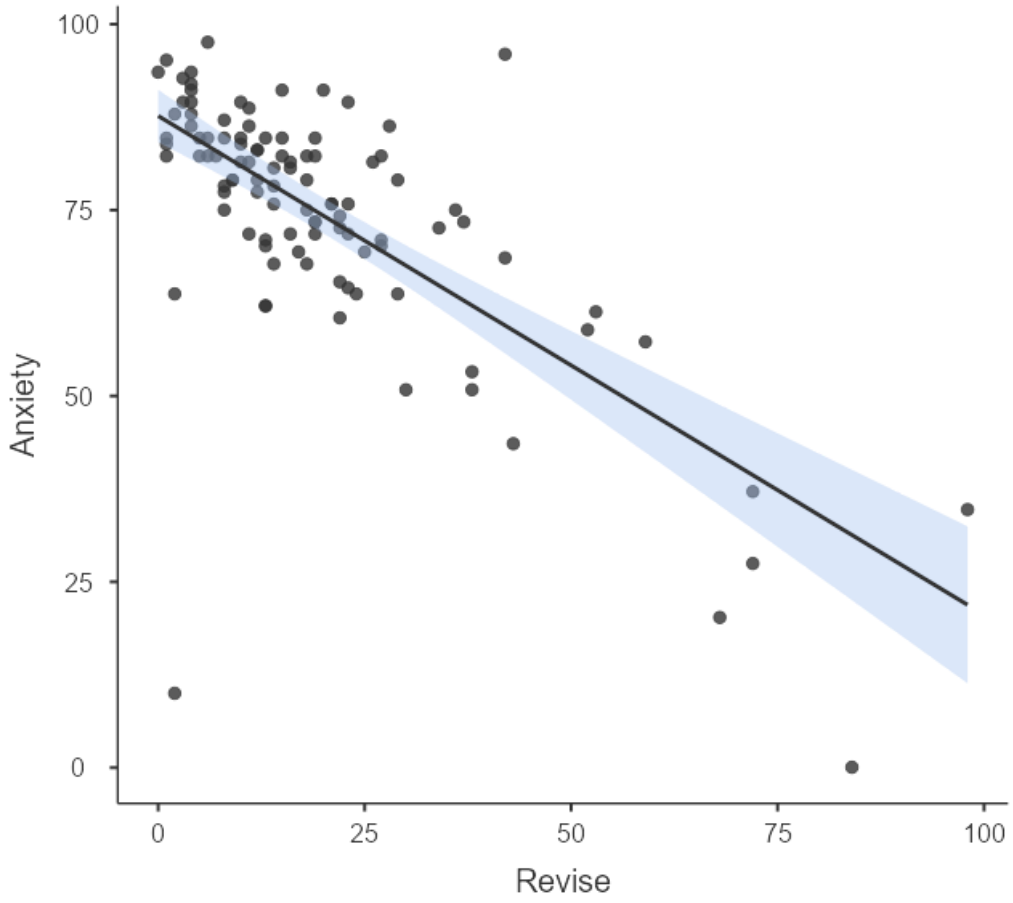
Scatterplot



Scatterplot



Scatterplot



Correlation Matrix

Correlation Matrix

Correlation Matrix

Correlation Matrix

		Revise	Exam	Anxiety
Revise	Pearson's r	—		
	p-value	—		
	95% CI Upper	—		
	95% CI Lower	—		
	N	—		
Exam	Pearson's r	0.397 ***	—	
	p-value	< .001	—	
	95% CI Upper	0.548	—	
	95% CI Lower	0.220	—	
	N	103	—	
Anxiety	Pearson's r	-0.709 ***	-0.441 ***	—
	p-value	< .001	< .001	—
	95% CI Upper	-0.598	-0.271	—
	95% CI Lower	-0.794	-0.585	—
	N	103	103	—

Note. * p < .05, ** p < .01, *** p < .001

References

[1] The jamovi project (2021). *jamovi*. (Version 1.6) [Computer Software]. Retrieved from https://www.jamovi.org.

[2] R Core Team (2020). *R: A Language and environment for statistical computing*. (Version 4.0) [Computer software]. Retrieved from https://cran.r-project.org. (R packages retrieved from MRAN snapshot 2020-08-24).