

Results

Descriptives

Descriptives				
	Code	Revise	Exam	Anxiety
N	103	103	103	103
Missing	0	0	0	0
Mean	52.0	19.9	56.6	74.3
Median	52.0	15.0	60.0	79.0
Mode	1.00 ^a	4.00	70.0 ^a	82.3 ^a
Standard deviation	29.9	18.2	25.9	17.2
Range	102	98.0	98.0	97.5
Minimum	1.00	0.00	2.00	0.0560
Maximum	103	98.0	100	97.6

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

Extreme Values

Extreme values of Code			
	Row number		Value
Highest	1	103	103.00
	2	102	102.00
	3	101	101.00
	4	100	100.00
	5	99	99.00
Lowest	1	1	1.00
	2	2	2.00
	3	3	3.00
	4	4	4.00
	5	5	5.00

Extreme values of Revise			
	Row number		Value
Highest	1	15	98.00
	2	24	84.00
	3	28	72.00
	4	37	72.00
	5	83	68.00
Lowest	1	51	0.00
	2	16	1.00
	3	85	1.00
	4	89	1.00
	5	101	1.00

Extreme values of Exam

		Row number	Value
Highest	1	78	100.00
	2	79	100.00
	3	83	100.00
	4	15	95.00
	5	17	95.00
Lowest	1	101	2.00
	2	39	5.00
	3	90	5.00
	4	38	7.00
	5	36	10.00

Extreme values of Anxiety

		Row number	Value
Highest	1	47	97.5820
	2	87	95.9700
	3	16	95.1640
	4	51	93.5520
	5	61	93.5520
Lowest	1	24	0.0560
	2	78	10.0000
	3	83	20.2060
	4	28	27.4600
	5	15	34.7140

Descriptives

Descriptives

Sex	
N	103
Missing	0

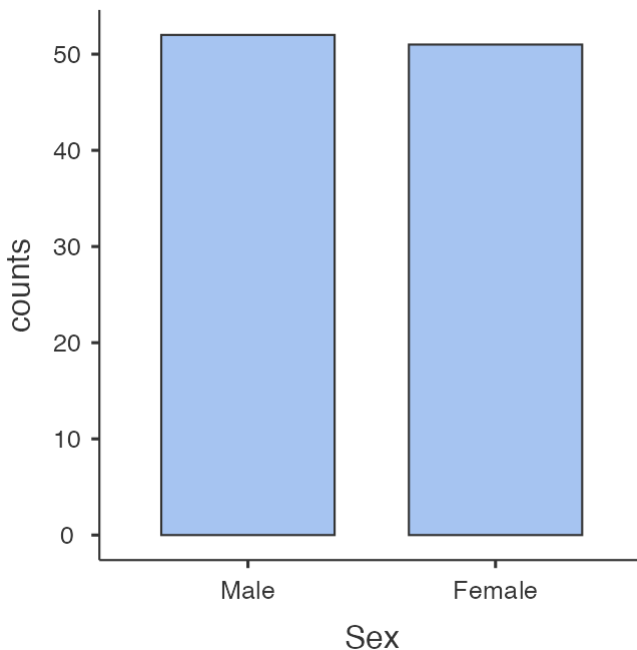
Frequencies

Frequencies of Sex

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

Plots

Sex



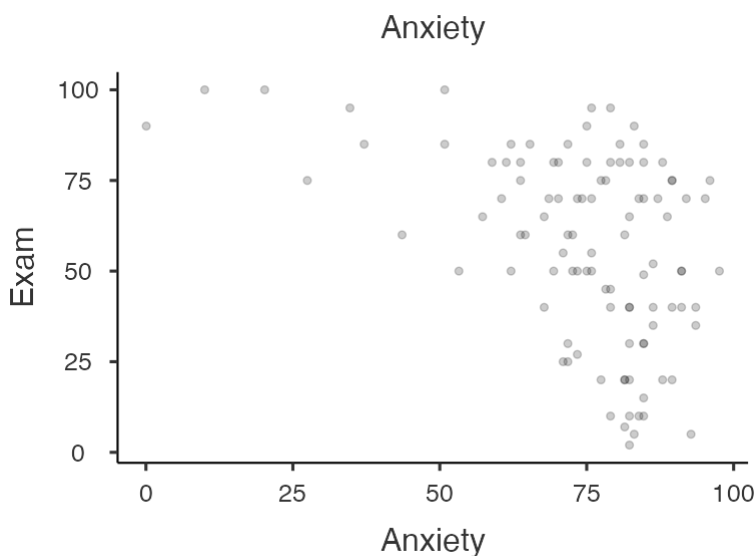
Relationships, Prediction, and Group Comparisons

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!

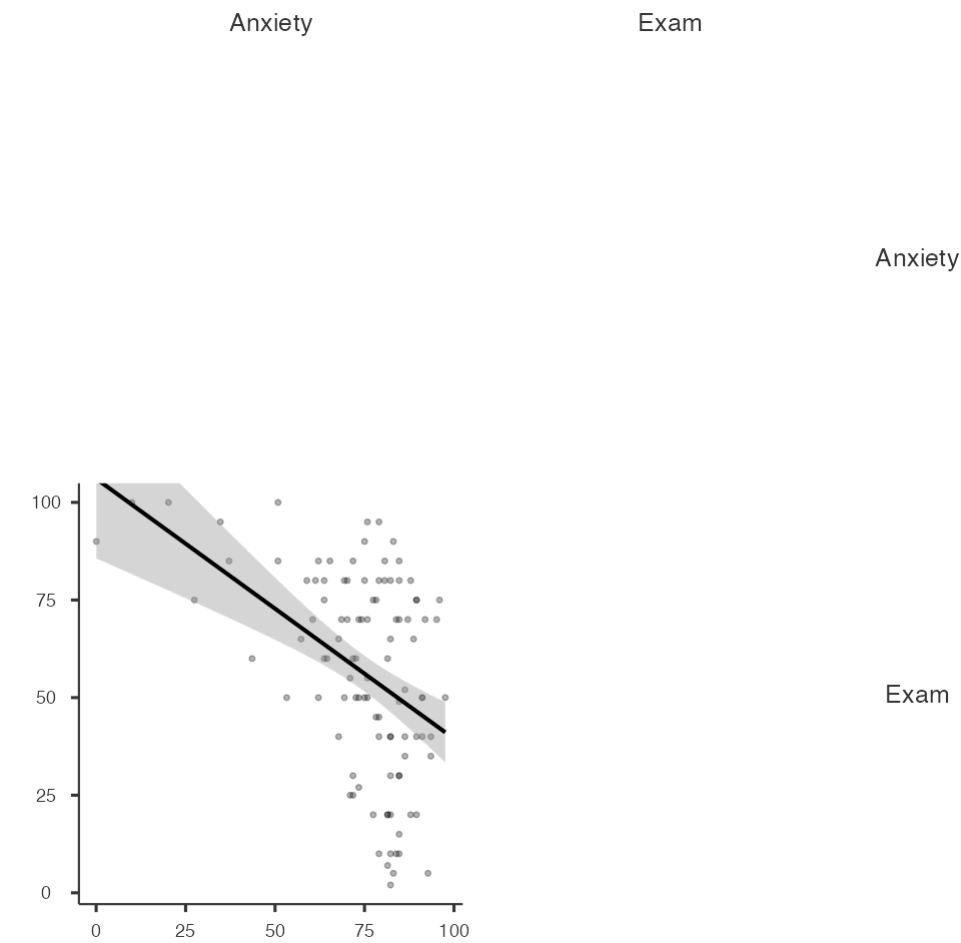
Scatter Plots of Bivariate Relationships - Dependent/Independent Variables



Correlation Matrix

Correlation Matrix			
		Anxiety	Exam
Anxiety	Pearson's r	—	
	p-value	—	
Exam	Pearson's r	-0.441	—
	p-value	<.001	—

Plot



Correlation Matrix

Correlation Matrix			
		Revise	Exam
Revise	Pearson's r	—	
	p-value	—	
Exam	Pearson's r	0.397	—
	p-value	<.001	—

Correlation Matrix

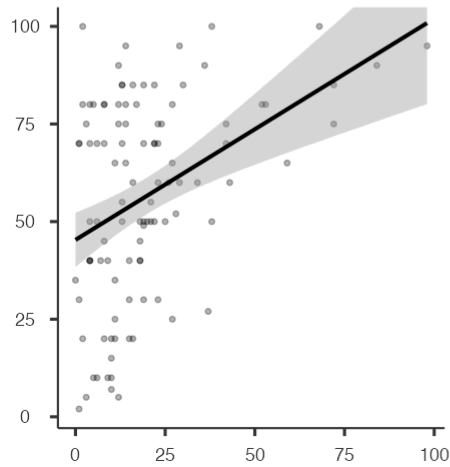
Correlation Matrix			
		Revise	Exam
Revise	Pearson's r	—	
	p-value	—	
Exam	Pearson's r	0.397	—
	p-value	<.001	—

Plot

ReviseExam

Revise

Exam



Correlation Matrix

Correlation Matrix			
		Revise	Anxiety
Revise	Pearson's r	—	
	p-value	—	
Anxiety	Pearson's r	-0.709	—
	p-value	<.001	—

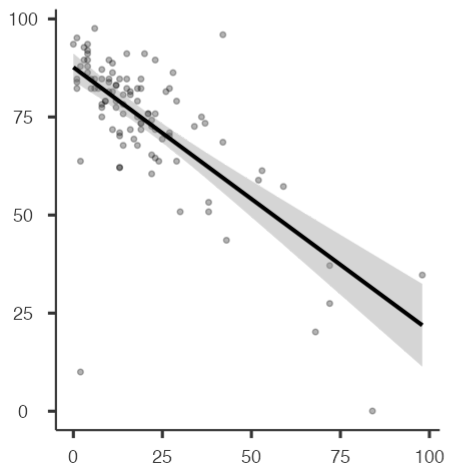
Plot

Revise

Anxiety

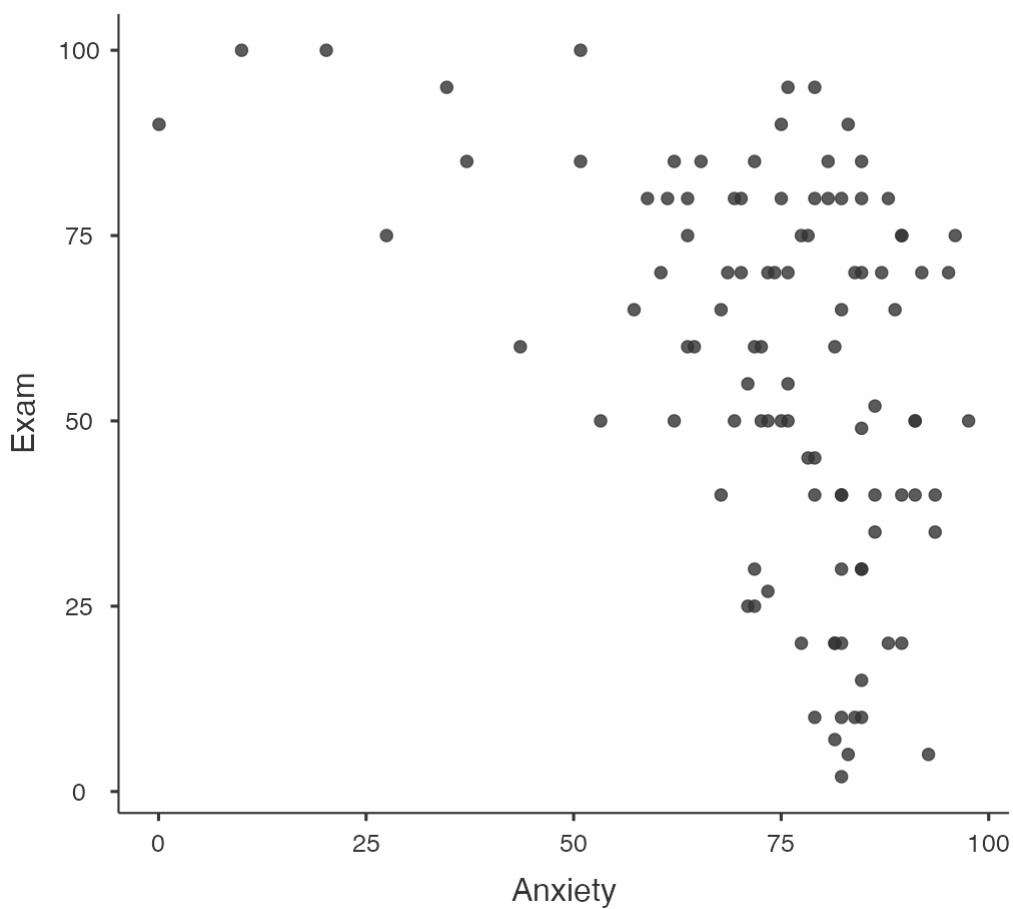
Corr:
-0.709***

Revise

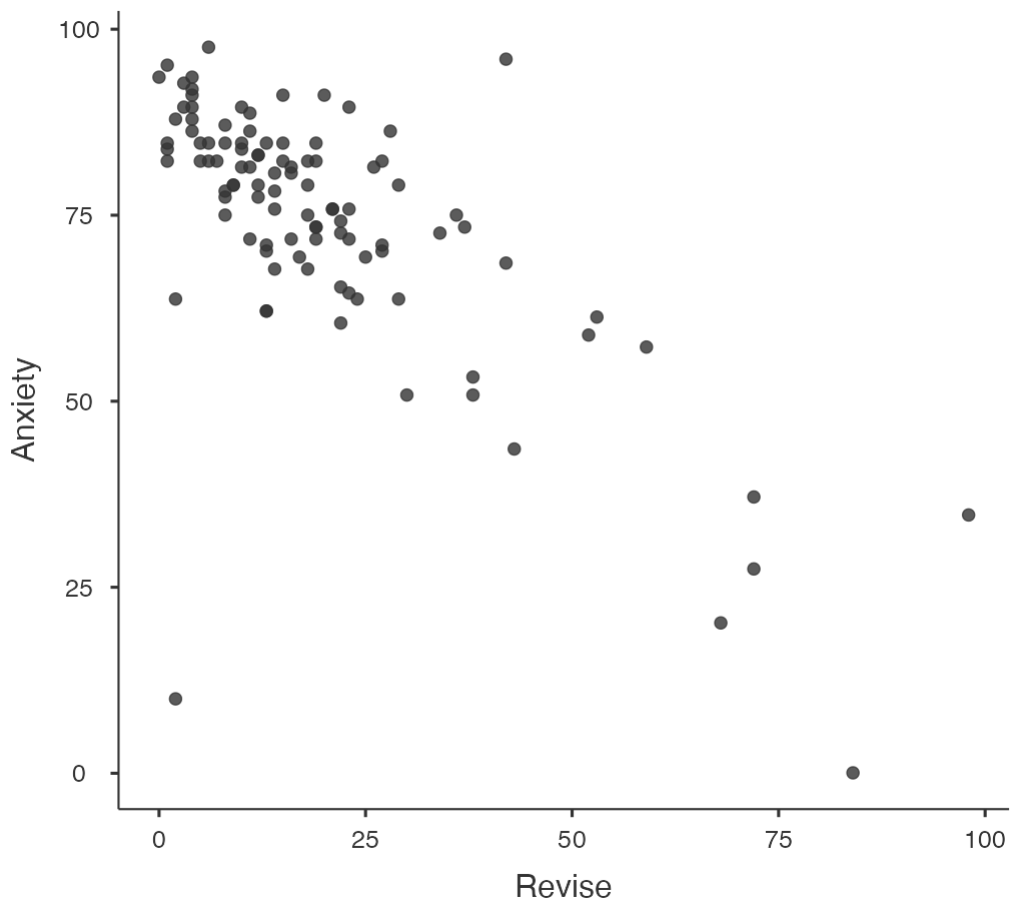


Anxiety

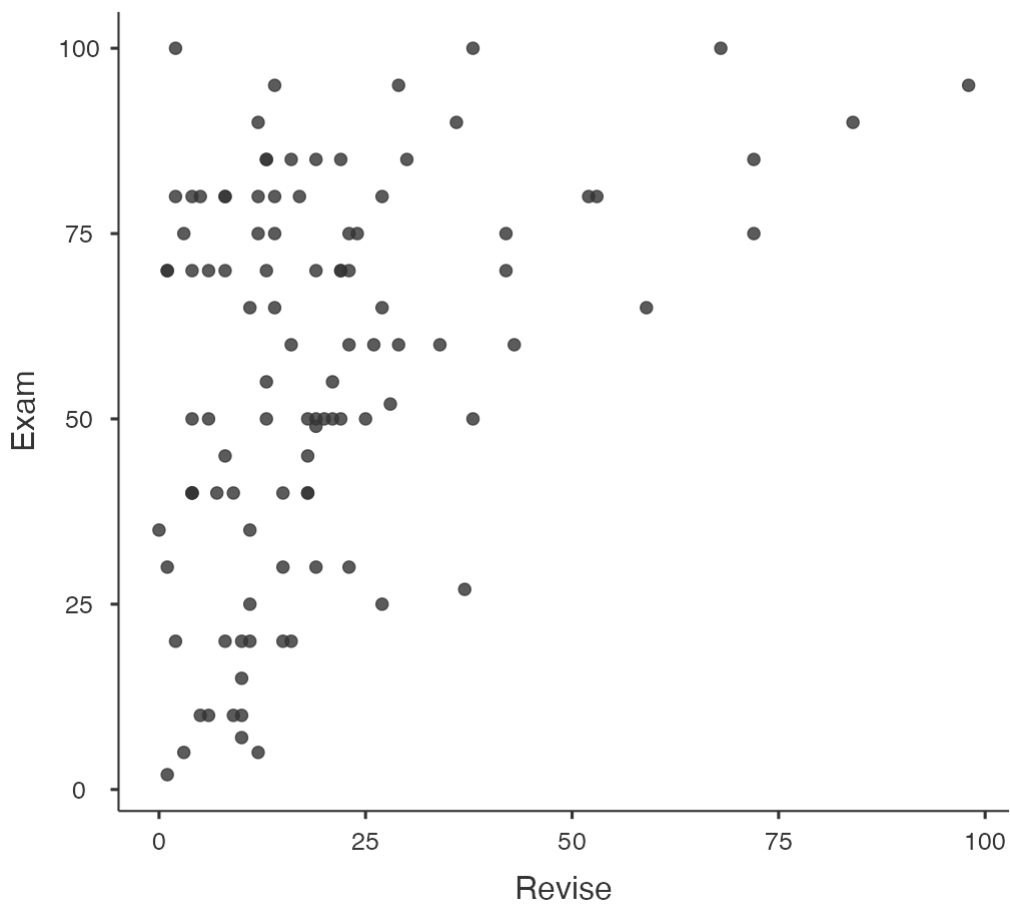
Scatterplot



Scatterplot



Scatterplot



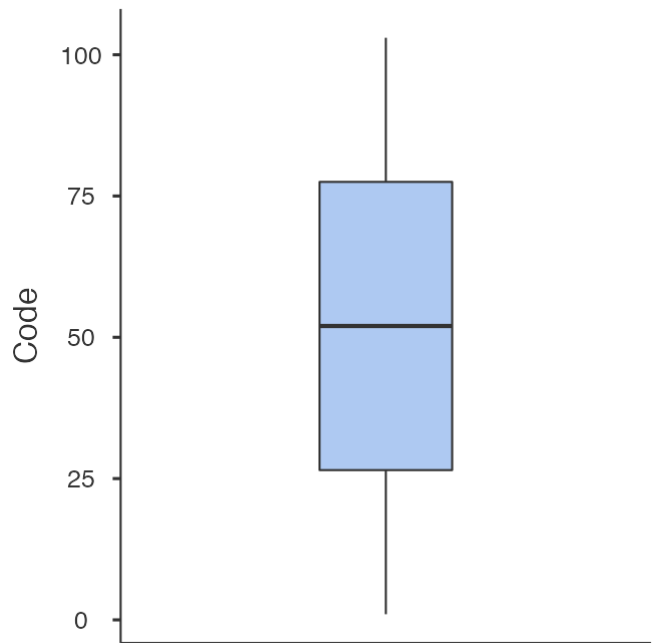
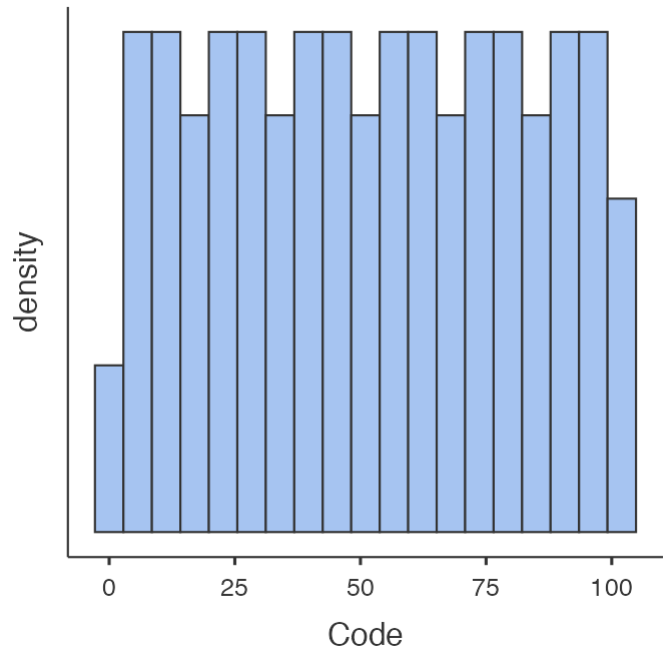
Descriptives

Descriptives

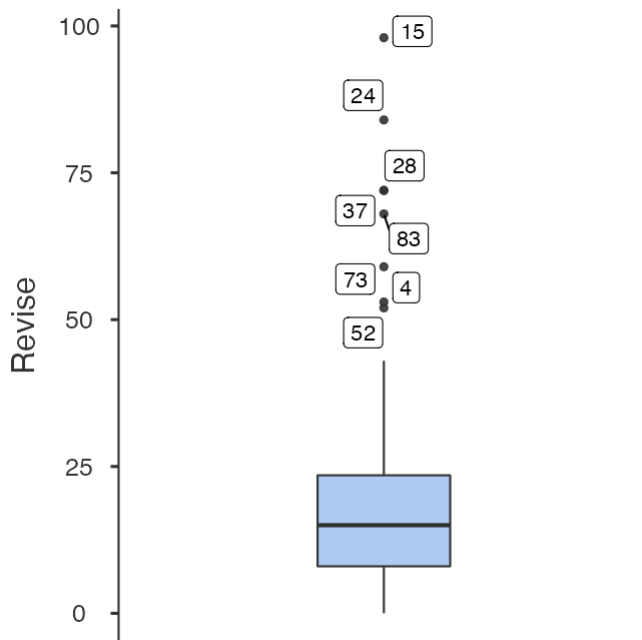
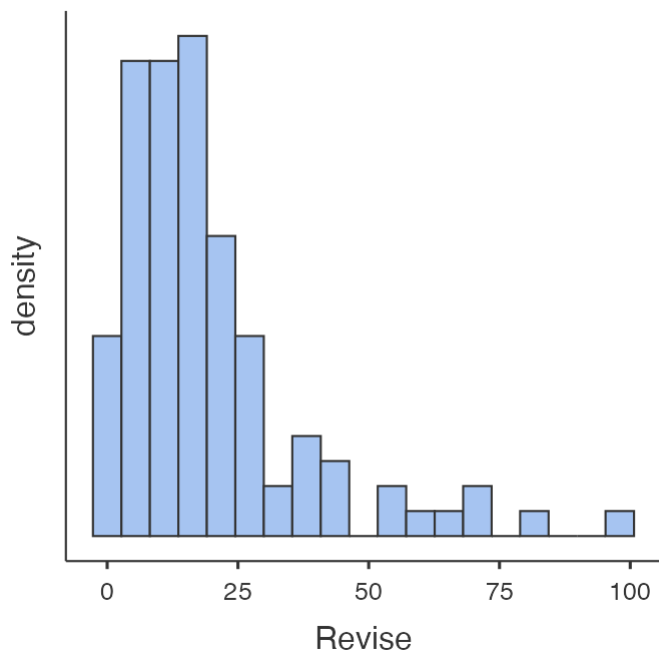
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Mean	52.0	19.9	56.6	74.3
Median	52.0	15.0	60.0	79.0
Standard deviation	29.9	18.2	25.9	17.2
Minimum	1.00	0.00	2.00	0.0560
Maximum	103	98.0	100	97.6

Plots

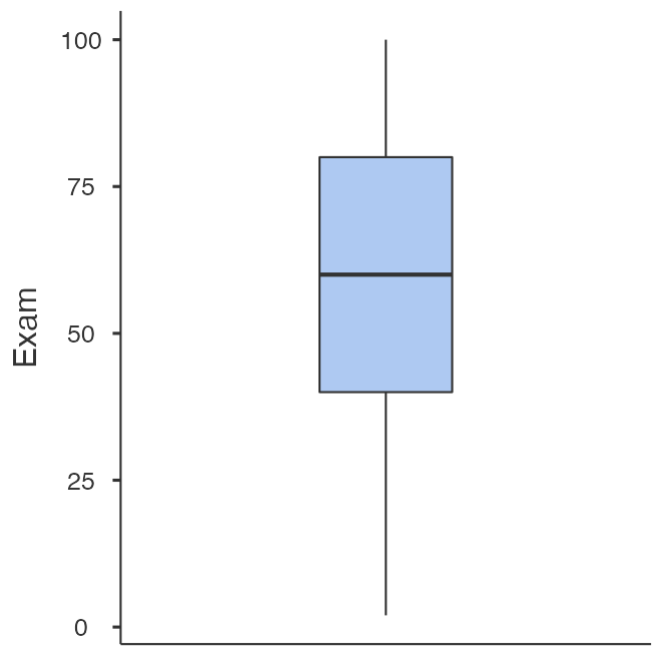
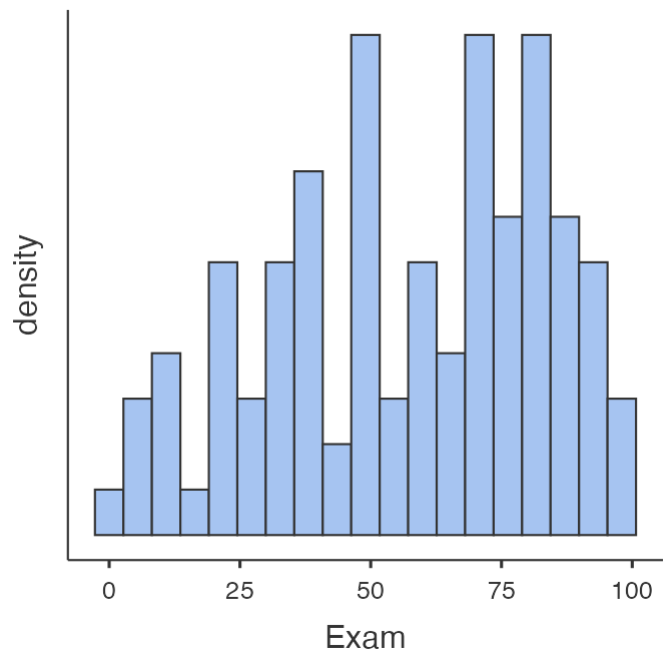
Code



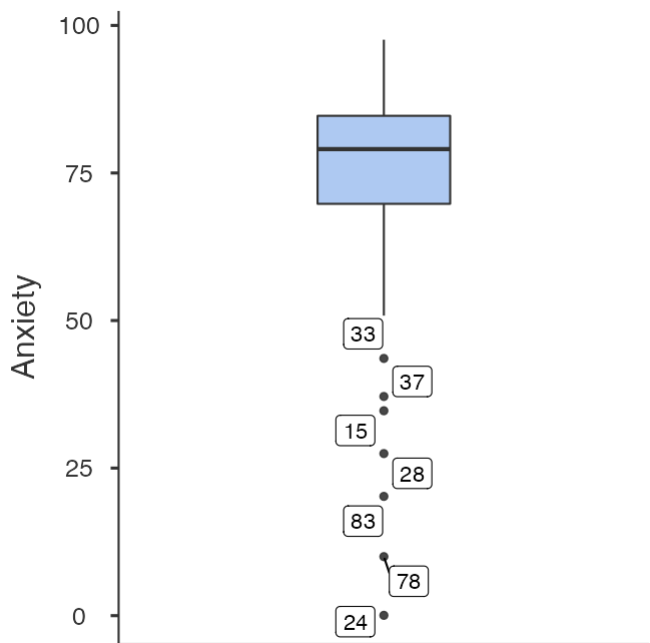
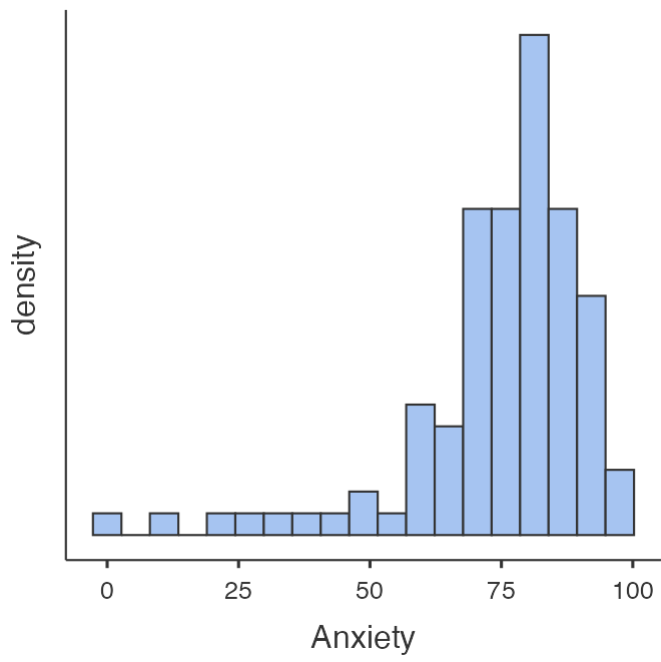
Revise



Exam



Anxiety



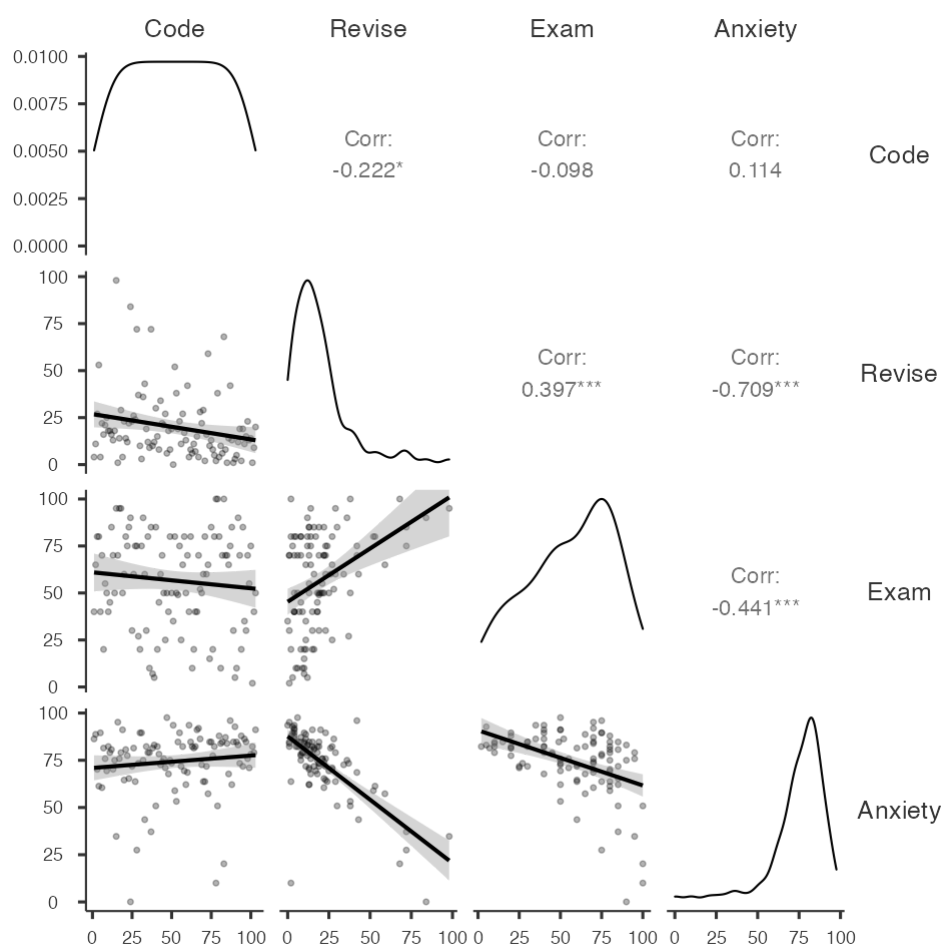
Correlation Matrix

Correlation Matrix

		Code	Revise	Exam	Anxiety
Code	Pearson's r	—			
	p-value	—			
	95% CI Upper	—			
	95% CI Lower	—			
	N	—			
Revise	Pearson's r	-0.222 [*]	—		
	p-value	0.024	—		
	95% CI Upper	-0.030	—		
	95% CI Lower	-0.398	—		
	N	103	—		
Exam	Pearson's r	-0.098	0.397 ^{***}	—	
	p-value	0.326	<.001	—	
	95% CI Upper	0.098	0.548	—	
	95% CI Lower	-0.286	0.220	—	
	N	103	103	—	
Anxiety	Pearson's r	0.114	-0.709 ^{***}	-0.441 ^{***}	—
	p-value	0.253	<.001	<.001	—
	95% CI Upper	0.300	-0.598	-0.271	—
	95% CI Lower	-0.082	-0.794	-0.585	—
	N	103	103	103	—

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

Plot



References

[1] The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from <https://www.jamovi.org>.

[2] R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved from <https://cran.r-project.org>. (R packages retrieved from MRAN snapshot 2022-01-01).