

Results

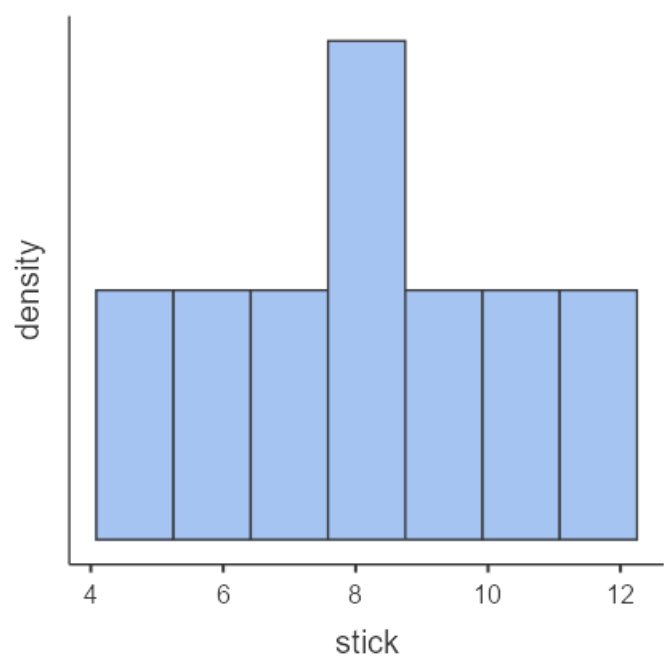
Descriptives

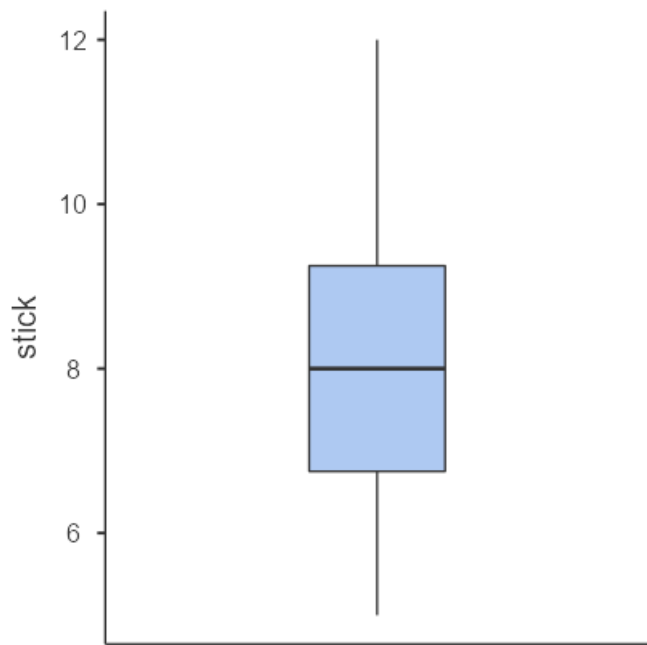
Descriptives

	stick	testicle	eye	witchetty
N	8	8	8	8
Missing	0	0	0	0
Mean	8.13	4.25	4.13	5.75
Median	8.00	4.50	4.00	6.50
Standard deviation	2.23	1.83	2.75	2.92
Range	7.00	5.00	7.00	8.00
Minimum	5.00	2.00	1.00	1.00
Maximum	12.0	7.00	8.00	9.00

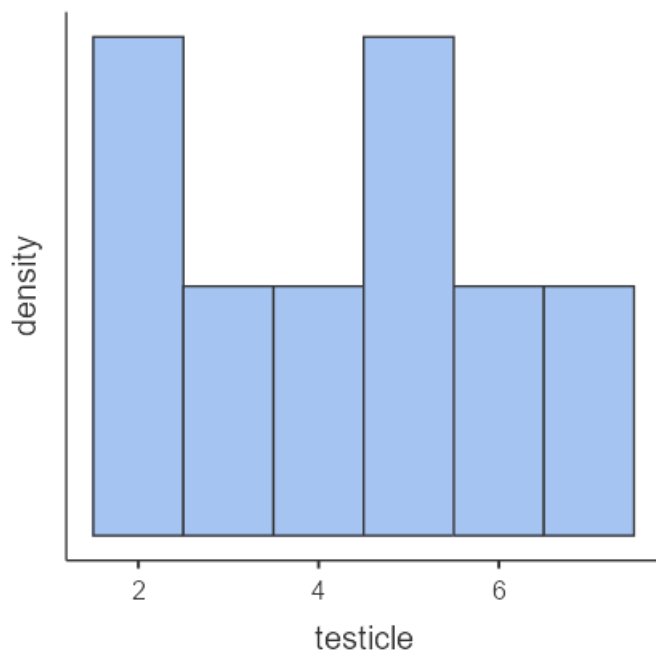
Plots

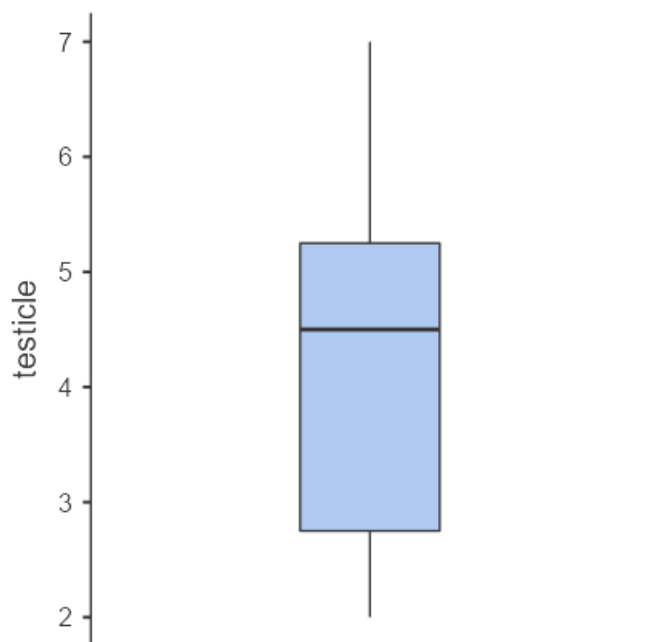
stick



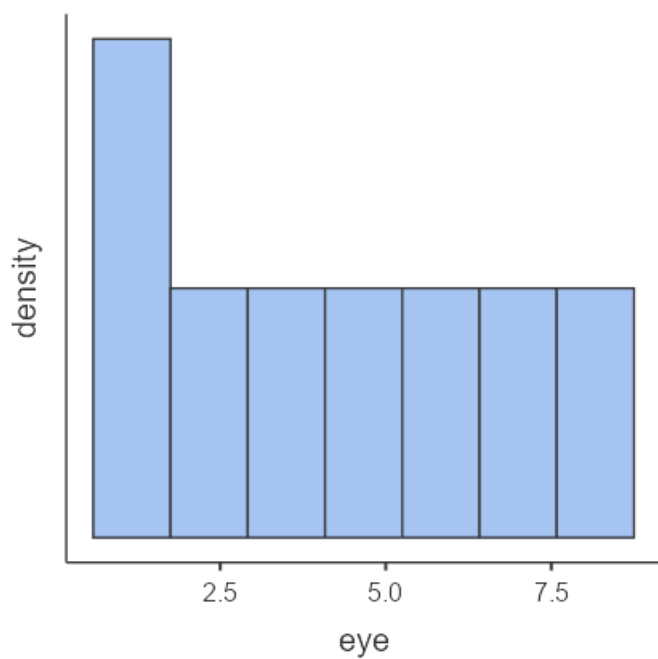


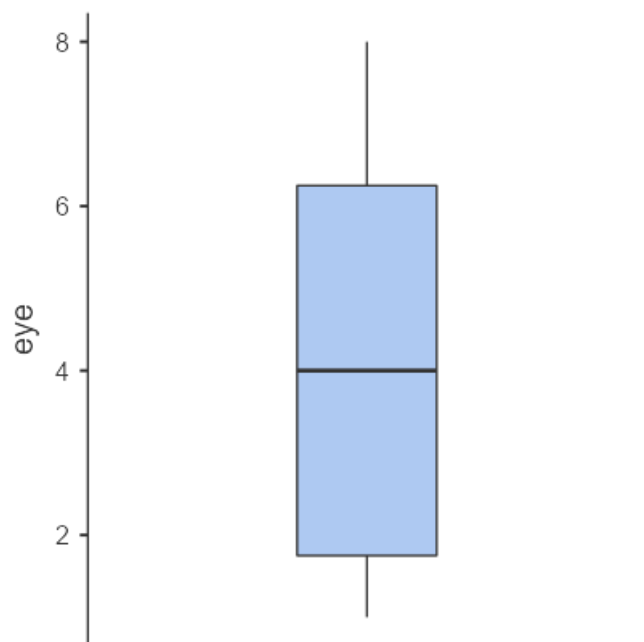
testicle



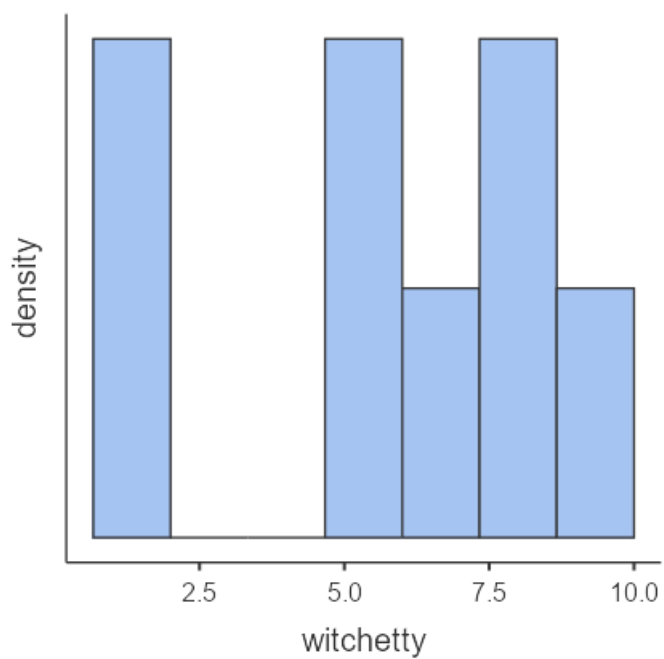


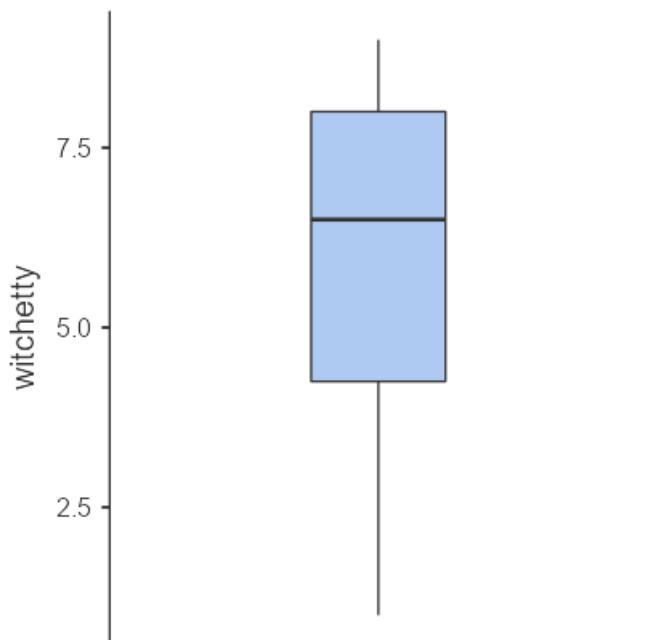
eye





witchetty





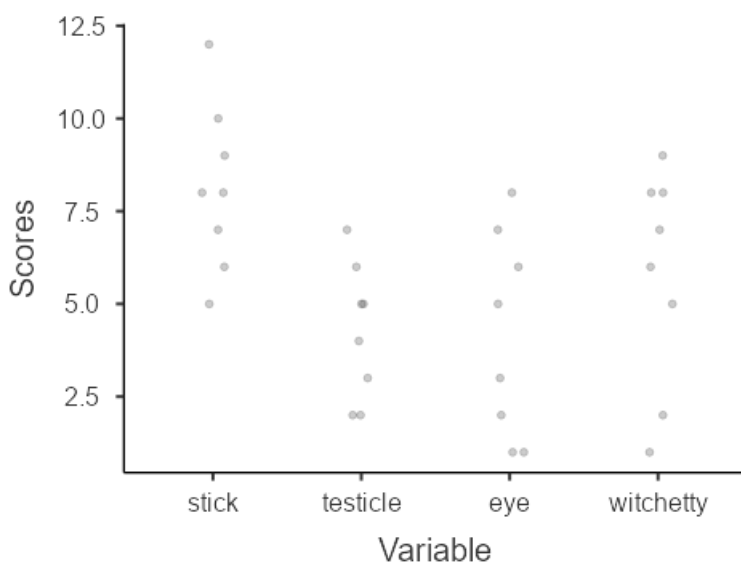
Repeated Measurements

You have entered several related numeric variables. Hence, a repeated measures ANOVA seems to be a good option for you! In order to run this analysis in jamovi, go to: ANOVA > Repeated Measures ANOVA

- Under Repeated Measures Factors, replace the name RM Factor 1 with a more appropriate name (e.g., 'measurement point'). Then give a name to each level (e.g., measurement 1, measurement 2, etc.). Make sure that the number of levels you have defined equals the number of related variables you have
- Drag the related variables to the box below Repeated Measures Cells, one per level

Alternatively, if distributional assumptions are violated, you could use the non-parametric [Friedman test](#). Click on the link to learn more about this test!

Scatter Plot



Repeated Measures ANOVA

Within Subjects Effects

	Sum of Squares	df	Mean Square	F	p	η^2_G
Food	83.1	3	27.71	3.79	0.026	0.327
Residual	153.4	21	7.30			

Note. Type 3 Sums of Squares

[3]

Between Subjects Effects

	Sum of Squares	df	Mean Square	F	p	η^2_G
Residual	17.4	7	2.48			

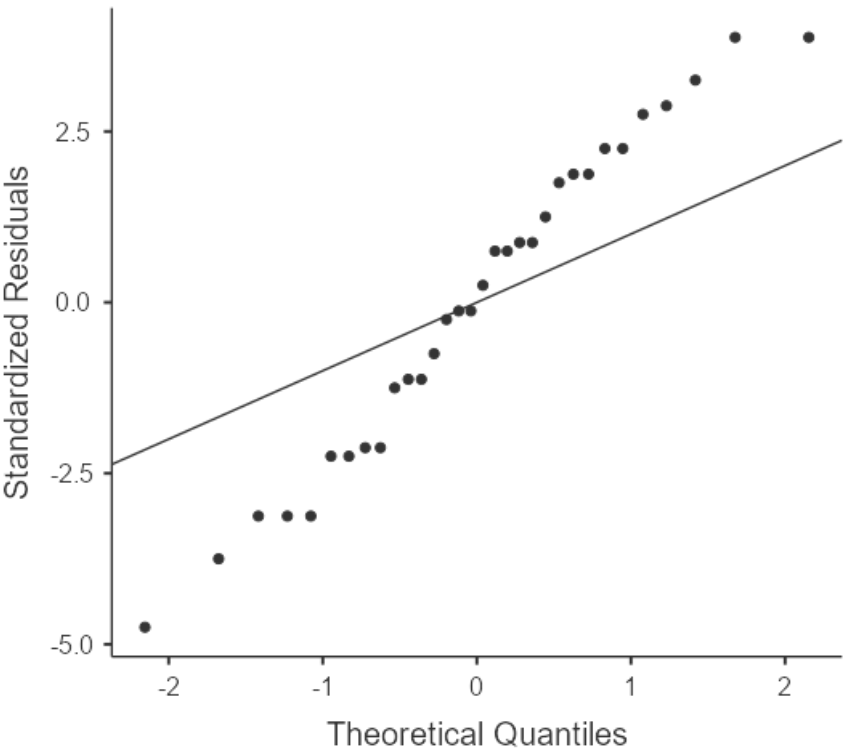
Note. Type 3 Sums of Squares

Assumptions

Tests of Sphericity

	Mauchly's W	p	Greenhouse-Geisser ϵ	Huynh-Feldt ϵ
Food	0.136	0.047	0.533	0.666

Q-Q Plot



Post Hoc Tests

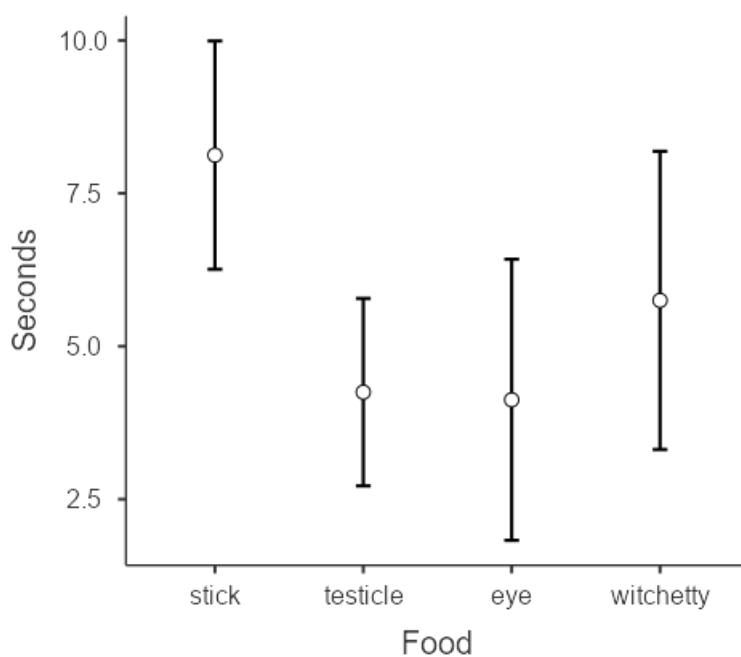
Post Hoc Comparisons - Food

Comparison		Mean Difference	SE	df	t	Pbonferroni
Food	Food					
stick	- testicle	3.875	0.811	7.00	4.775	0.012
	- eye	4.000	0.732	7.00	5.465	0.006
	- witchetty	2.375	1.792	7.00	1.325	1.000
testicle	- eye	0.125	1.202	7.00	0.104	1.000
	- witchetty	-1.500	1.336	7.00	-1.122	1.000
eye	- witchetty	-1.625	1.822	7.00	-0.892	1.000

[4]

Estimated Marginal Means

Food



Estimated Marginal Means - Food

Food	Mean	SE	95% Confidence Interval	
			Lower	Upper
stick	8.12	0.789	6.26	9.99
testicle	4.25	0.648	2.72	5.78
eye	4.13	0.972	1.83	6.42
witchetty	5.75	1.031	3.31	8.19

[4]

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).

[3] Singmann, H. (2018). *afex: Analysis of Factorial Experiments*. [R package]. Retrieved from <https://cran.r-project.org/package=afex>.

[4] Lenth, R. (2020). *emmeans: Estimated Marginal Means, aka Least-Squares Means*. [R package]. Retrieved from <https://cran.r-project.org/package=emmeans>.