ANOVA

ANOVA

	Sum of Squares	df	Mean Square	F	p	η²
task type	8.33	2	4.17	4.05	0.033	0.278
Residuals	21.63	21	1.03			

[3]

Assumption Checks

Test for Homogeneity of Variances (Levene's)

F	df1	df2	p
1.59	2	21	0.227

[3]

Post Hoc Tests

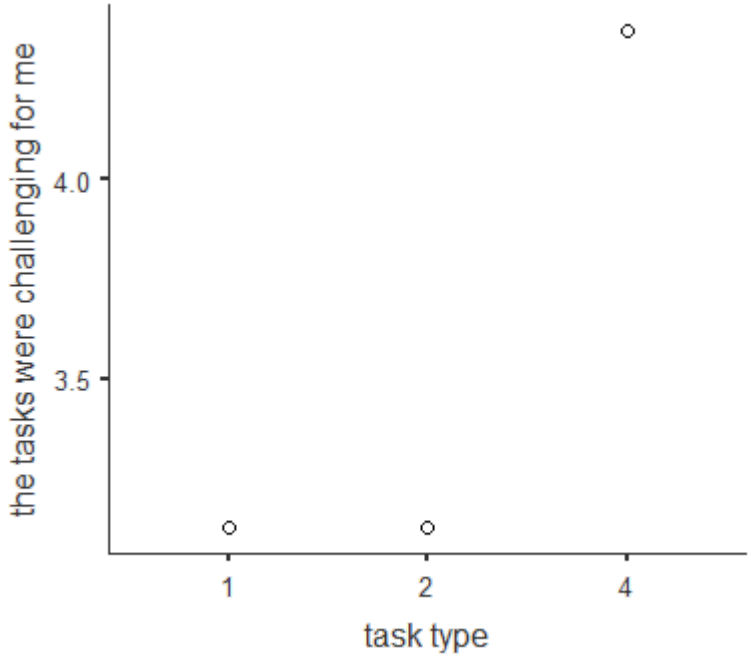
Post Hoc Comparisons - task type

Comparison							
task type		task type	Mean Difference	SE	df	t	p
1	-	2	-3.33e−16	0.507	21.0	-6.56e−16	1.000
	-	4	-1.25	0.507	21.0	-2.46	0.022
2	-	4	-1.25	0.507	21.0	-2.46	0.022

[4]

Estimated Marginal Means

task type



Estimated Marginal Means - task type

			95% Confidence Interval	
task type	**Mean**	**SE**	**Lower**	**Upper**
1	3.13	0.359	2.38	3.87
2	3.13	0.359	2.38	3.87
4	4.38	0.359	3.63	5.12

[4]

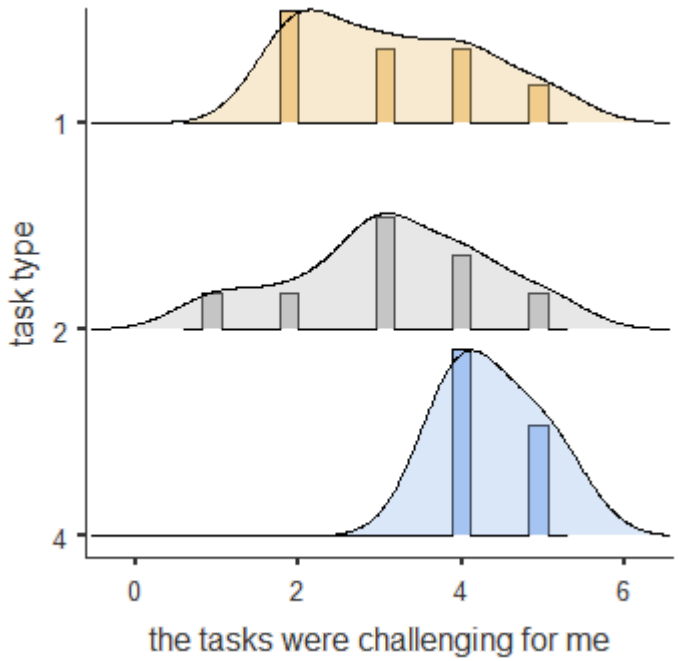
Descriptives

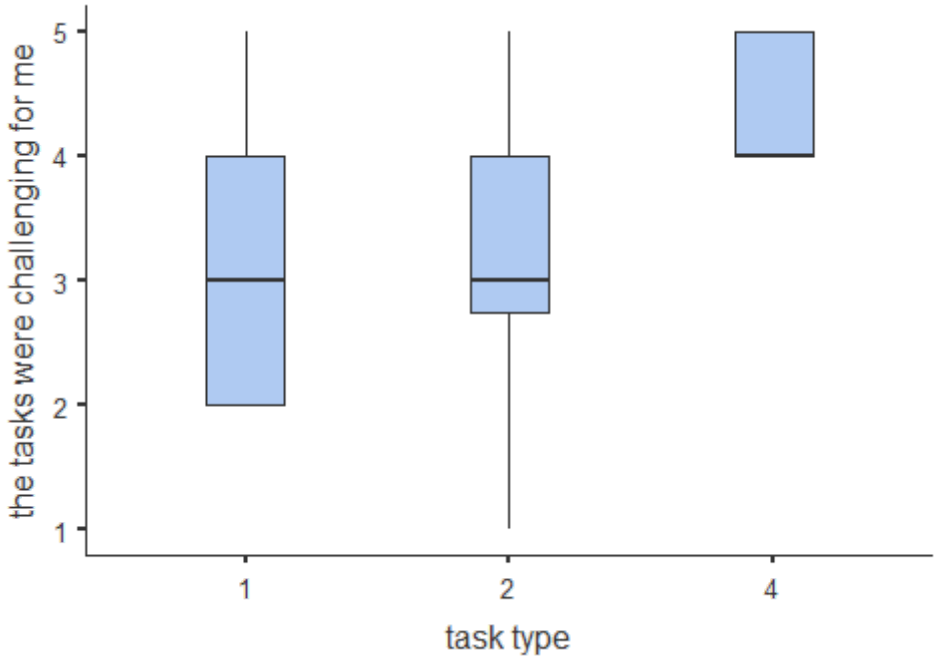
Descriptives

	task type	the tasks were challenging for me
Mean	1	3.13
	2	3.13
	4	4.38
Median	1	3.00
	2	3.00
	4	4.00
Standard deviation	1	1.13
	2	1.25
	4	0.518
Minimum	1	2
	2	1
	4	4
Maximum	1	5
	2	5
	4	5

Plots

the tasks were challenging for me





Descriptives

Descriptives

	task type	the tasks were challenging for me
Mean	1	3.13
	2	3.13
	4	4.38
Std. error mean	1	0.398
	2	0.441
	4	0.183
Standard deviation	1	1.13
	2	1.25
	4	0.518

References

[1] The jamovi project (2019). *jamovi*. (Version 0.9) [Computer Software]. Retrieved from https://www.jamovi.org.

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[4] Lenth, R. (2018). *emmeans: Estimated Marginal Means, aka Least-Squares Means*. [R package]. Retrieved from https://cran.r-project.org/package=emmeans.