

Results

Contingency Tables

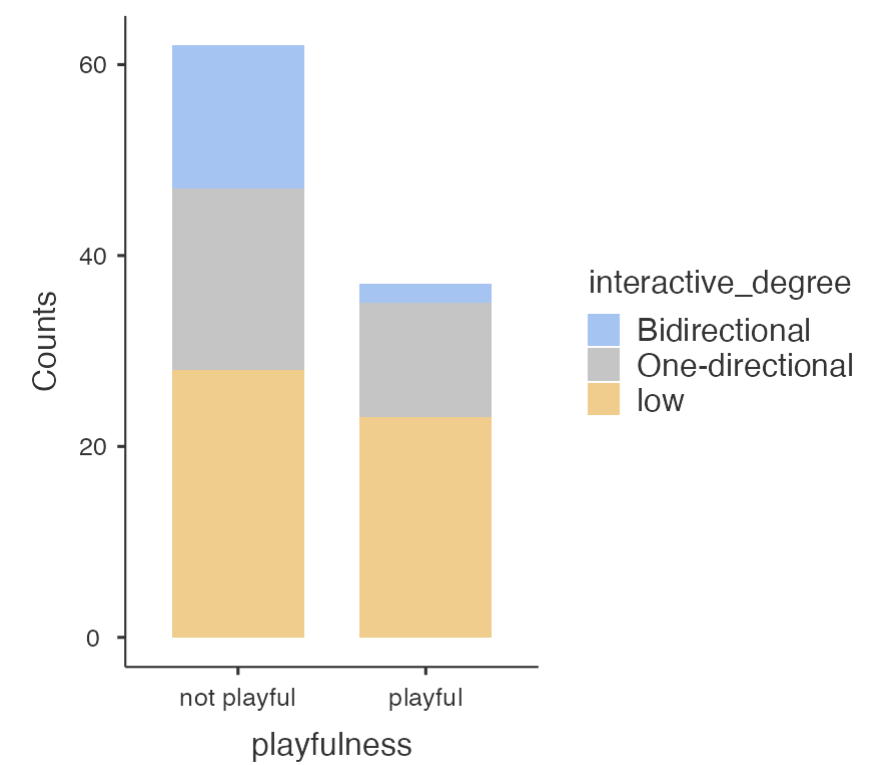
Contingency Tables

playfulness		interactive_degree			Total
		Bidirectional	One-directional	low	
not playful	Observed	15	19	28	62
	Expected	10.65	19.4	31.9	62.0
playful	Observed	2	12	23	37
	Expected	6.35	11.6	19.1	37.0
Total	Observed	17	31	51	99
	Expected	17.00	31.0	51.0	99.0

χ² Tests

	Value	df	p
χ²	6.09	2	0.048
Likelihood ratio	6.96	2	0.031
Fisher's exact test			0.044
N	99		

Plots



ANOVA

	Sum of Squares	df	Mean Square	F	p
playfulness	1.88e+12	1	1.88e+12	0.0441	0.834
interactive_degree	6.45e+13	2	3.23e+13	0.7577	0.472
playfulness * interactive_degree	10.00e+12	2	5.00e+12	0.1174	0.889
Residuals	3.96e+15	93	4.26e+13		

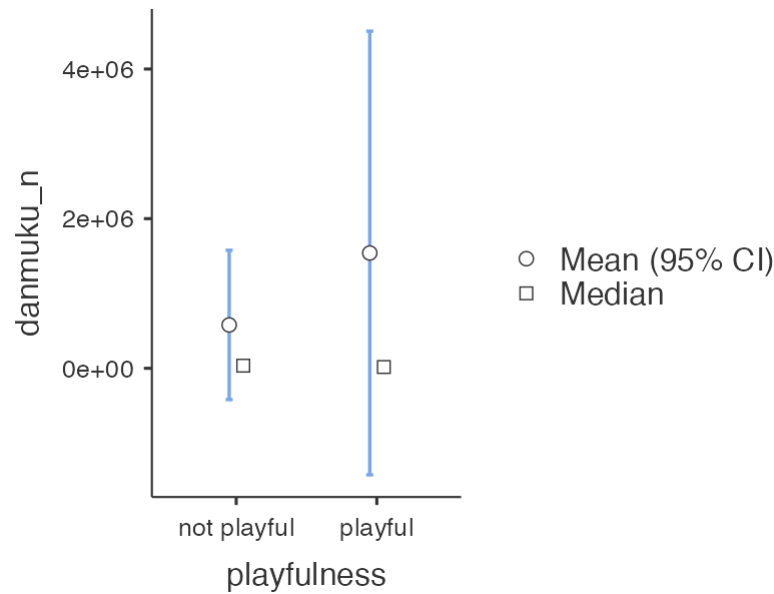
[4]

Independent Samples T-Test

		95% Confidence Interval						
		Statistic	df	p	Effect Size	Lower	Upper	
danmuku_n	Student's t	-0.718	97.0	0.474	Cohen's d	-0.149	-0.557	0.259

Plots

danmuku_n



Linear Regression

Model Fit Measures		
Model	R	R²
1	0.164	0.0270

Predictor	Estimate	SE	t	p
Intercept ^a	-1.52e-6	2.42e+6	-0.6290	0.531
view	184983	225344	0.8209	0.414
playfulness:				
playful – not playful	604386	1.41e+6	0.4292	0.669
interaction_mode:				
Bottom-Up – Bidirectional	566101	6.73e+6	0.0841	0.933
Official Only – Bidirectional	1.67e+6	1.90e+6	0.8781	0.382
Top-Down – Bidirectional	196433	2.07e+6	0.0950	0.925

^a Represents reference level

References

- [1] The jamovi project (2021). *jamovi*. (Version 2.0) [Computer Software]. Retrieved from <https://www.jamovi.org>.
- [2] R Core Team (2021). *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 2021-04-01).
- [3] Meyer, D., Zeileis, A., Hornik, K., Gerber, F., & Friendly, M. (2017). *vcd: Visualizing Categorical Data*. [R package]. Retrieved from <https://cran.r-project.org/package=vcd>.
- [4] Fox, J., & Weisberg, S. (2020). *car: Companion to Applied Regression*. [R package]. Retrieved from <https://cran.r-project.org/package=car>.