Results

Descriptive Statistics

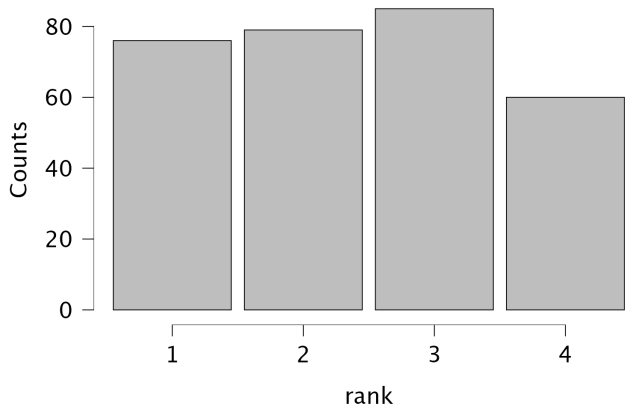
Descriptive Statistics

		Valid	Missing	Mean	Std. Deviation	Variance	Skewness	Std. Error of Skewness	Kurtosis	Std. Error of Kurtosis	Shapiro-Wilk	P-value of
rank	false	300	0	2.430	1.075	1.156	0.053	0.141	−1.257	0.281	0.865	
rank	true	300	0	2.547	1.140	1.299	−0.054	0.141	−1.406	0.281	0.849	

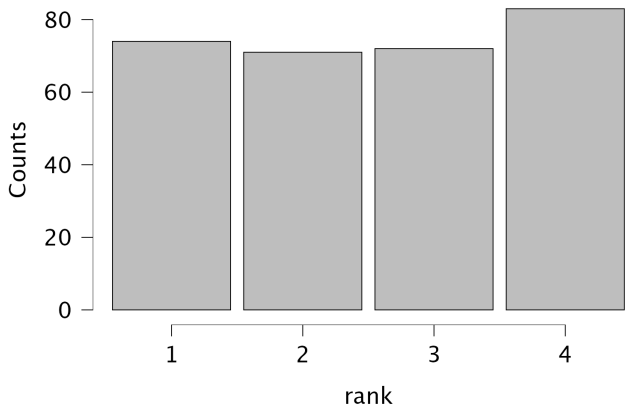
Distribution Plots

rank

false

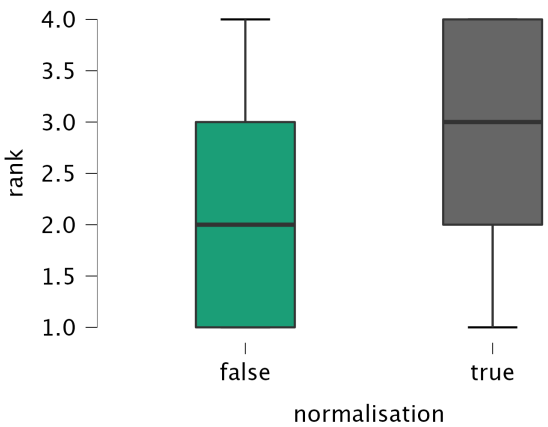


true



Boxplots

rank



ANOVA

ANOVA - rank

Cases	Sum of Squares	df	Mean Square	F	p
heuristic	169.602	1	169.602	179.163	< .001
normalisation	2.042	1	2.042	2.157	0.142
heuristic ✻ normalisation	0.082	1	0.082	0.086	0.769
Residuals	564.193	596	0.947		

Note. Type III Sum of Squares

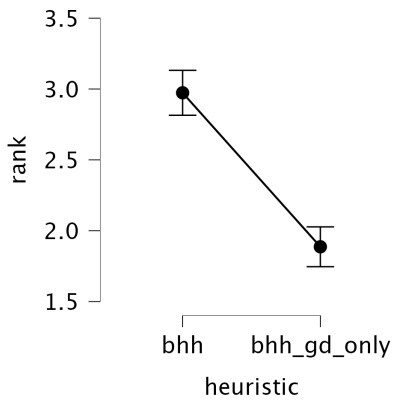
Descriptives

Descriptives - rank

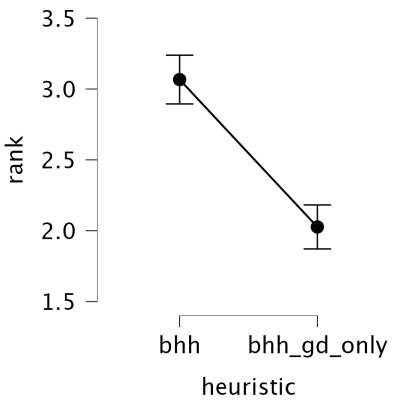
heuristic	normalisation	Mean	SD	N
bhh	false	2.973	0.983	150
	true	3.067	1.066	150
bhh_gd_only	false	1.887	0.871	150
	true	2.027	0.962	150

Descriptives plots

normalisation: false

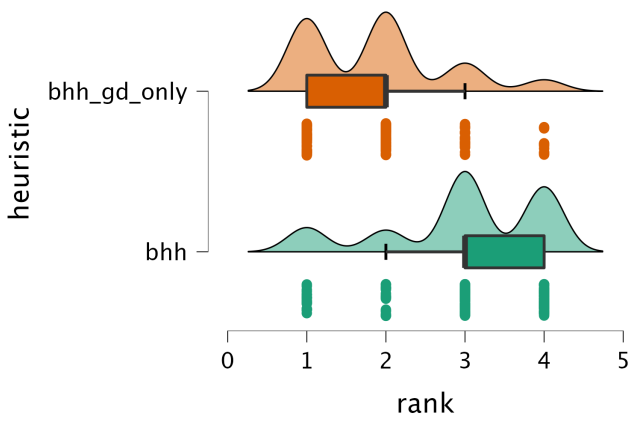


normalisation: true

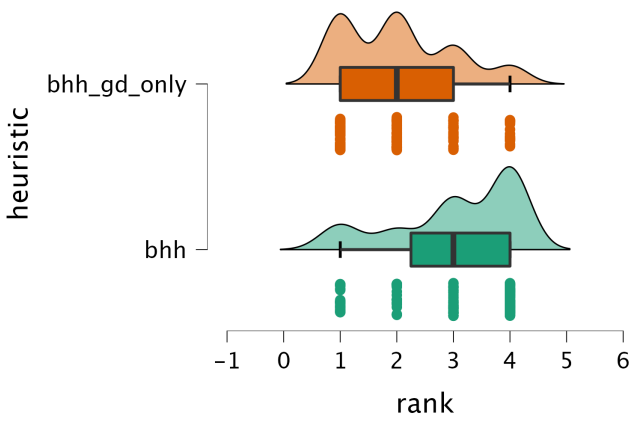


Raincloud plots

normalisation: false



normalisation: true



Assumption Checks

Test for Equality of Variances (Levene's)

F	df1	df2	p
2.457	3.000	596.000	0.062

Post Hoc Tests

Standard

Post Hoc Comparisons - heuristic

			95% CI for Mean Difference				
		Mean Difference	Lower	Upper	SE	t	p_{tukey}
bhh	bhh_gd_only	1.063	0.907	1.219	0.079	13.385	< .001***

Note. Results are averaged over the levels of: normalisation
*** p < .001

Post Hoc Comparisons - normalisation

			95% CI for Mean Difference				
		Mean Difference	Lower	Upper	SE	t	p_{tukey}
false	true	−0.117	−0.273	0.039	0.079	−1.469	0.142

Note. Results are averaged over the levels of: heuristic

Kruskal-Wallis Test

Kruskal-Wallis Test

Factor	Statistic	df	p
heuristic	138.514	1	< .001
normalisation	1.653	1	0.199