

Results

Descriptive Statistics

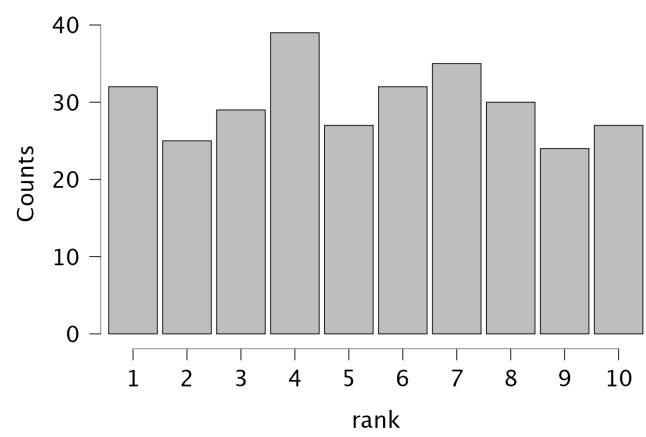
Descriptive Statistics

		Valid	Missing	Mean	Std. Deviation	Variance	Skewness	Std. Error of Skewness	Kurtosis	Std. Error of Kurtosis	Shapiro-Wilk	P-value of
rank	1	300	0	5.410	2.799	7.835	0.021	0.141	-1.131	0.281	0.943	
rank	5	300	0	5.263	2.911	8.476	0.147	0.141	-1.229	0.281	0.928	
rank	10	300	0	5.563	2.788	7.772	-0.024	0.141	-1.091	0.281	0.944	
rank	50	300	0	5.470	2.876	8.270	0.013	0.141	-1.258	0.281	0.933	
rank	100	300	0	5.553	2.841	8.074	-0.053	0.141	-1.171	0.281	0.938	

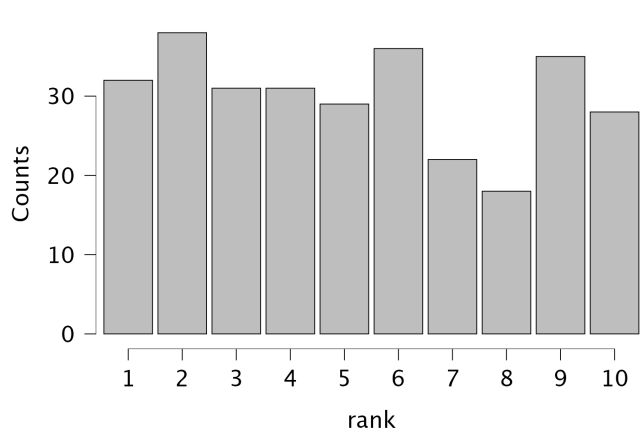
Distribution Plots

rank

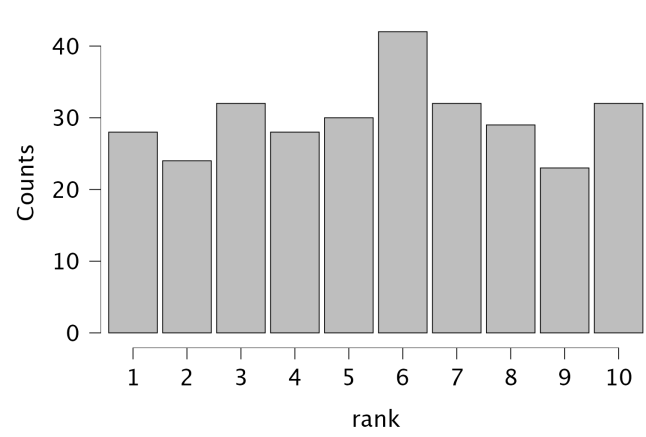
1



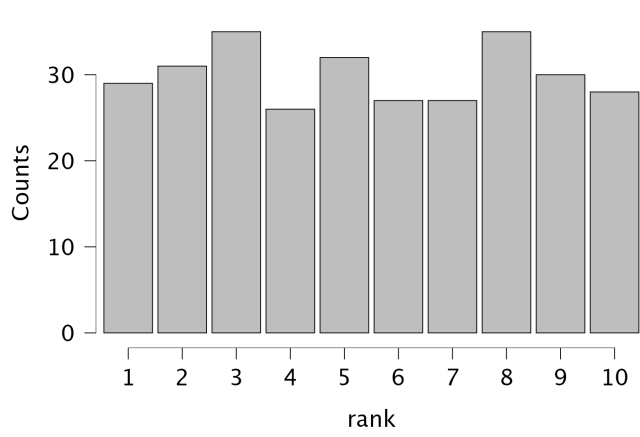
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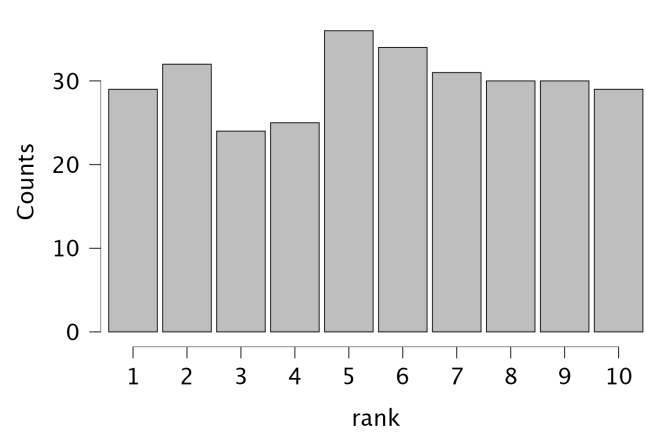
10



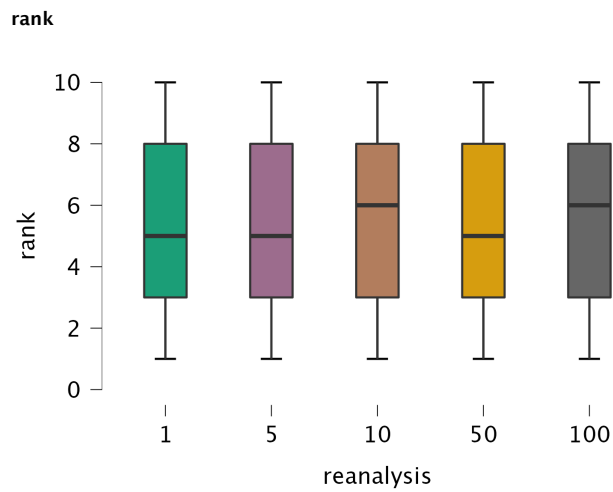
50



100



Boxplots



ANOVA

ANOVA – rank

Cases	Sum of Squares	df	Mean Square	F	p
heuristic	2709.504	1	2709.504	430.814	< .001
reanalysis	18.104	4	4.526	0.720	0.578
heuristic * reanalysis	6.923	4	1.731	0.275	0.894
Residuals	9371.013	1490	6.289		

Note. Type III Sum of Squares

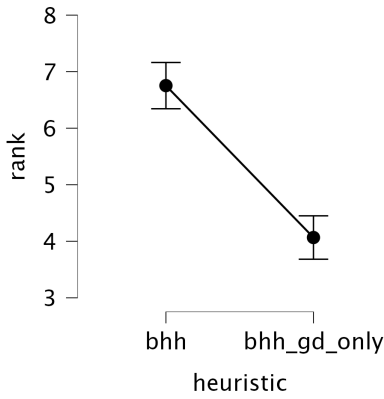
Descriptives

Descriptives – rank

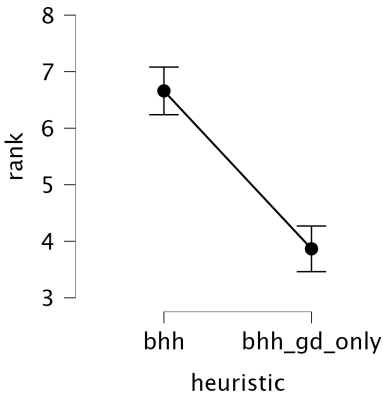
heuristic	reanalysis	Mean	SD	N
bhh	1	6.753	2.535	150
	10	6.860	2.493	150
	100	6.800	2.520	150
	5	6.660	2.611	150
	50	6.907	2.597	150
bhh_gd_only	1	4.067	2.379	150
	10	4.267	2.449	150
	100	4.307	2.593	150
	5	3.867	2.503	150
	50	4.033	2.387	150

Descriptives plots

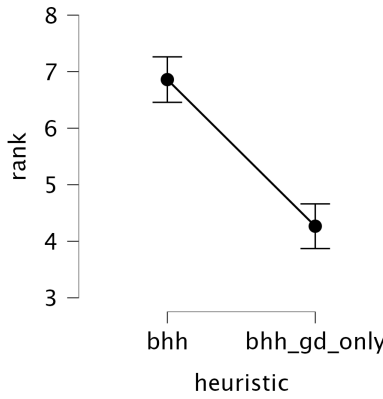
reanalysis: 1



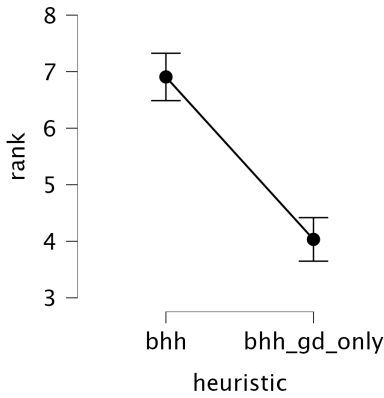
reanalysis: 5



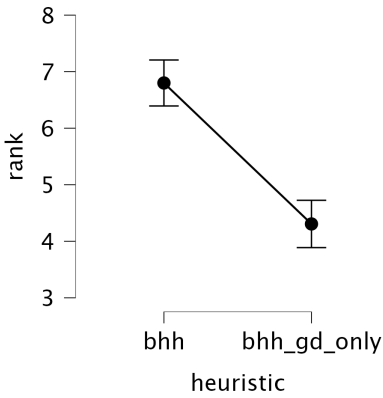
reanalysis: 10



reanalysis: 50

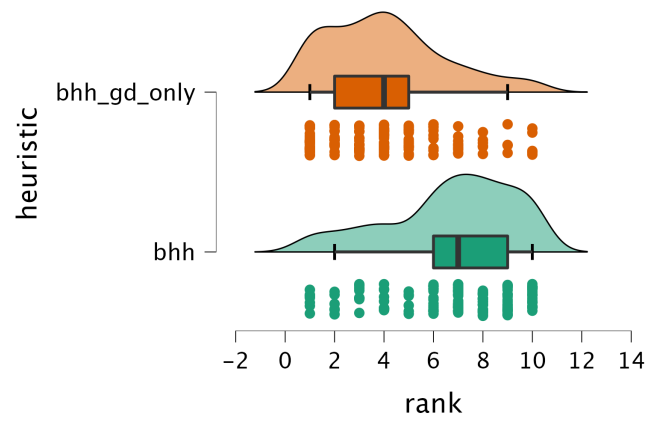


reanalysis: 100

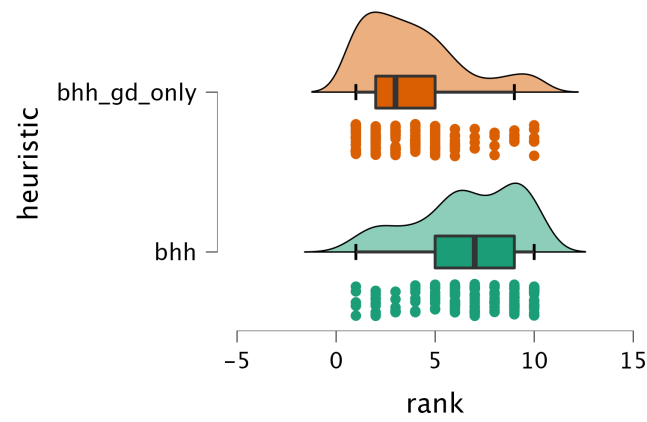


Raincloud plots

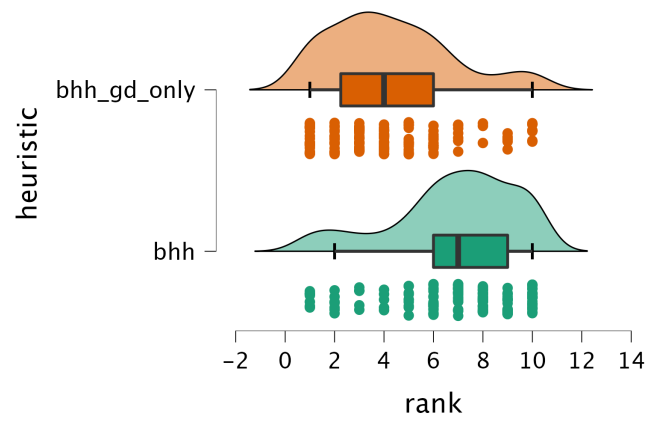
reanalysis: 1



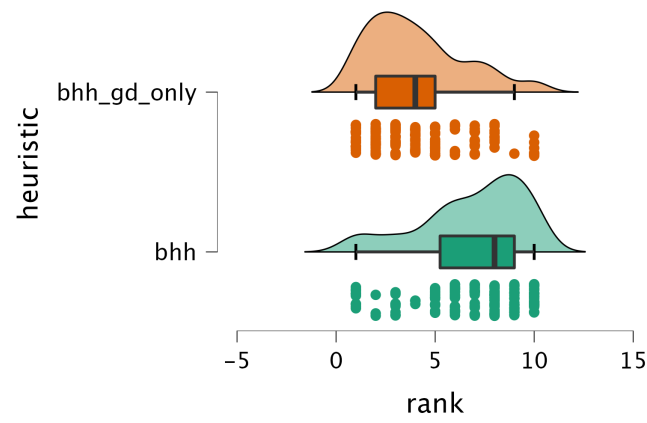
reanalysis: 5



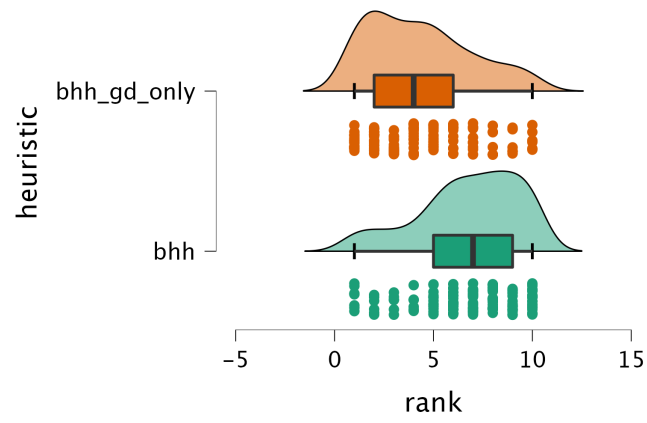
reanalysis: 10



reanalysis: 50



reanalysis: 100



Assumption Checks

Test for Equality of Variances (Levene's)

F	df1	df2	p
0.734	9.000	1490.000	0.678

Post Hoc Tests

Standard

Post Hoc Comparisons – heuristic

		95% CI for Mean Difference			SE	t	Ptukey
		Mean Difference	Lower	Upper			
bhh	bhh_gd_only	2.688	2.434	2.942	0.130	20.756	< .001***

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

Post Hoc Comparisons – reanalysis

		95% CI for Mean Difference					
		Mean Difference	Lower	Upper	SE	t	Ptukey
1	5	0.147	−0.413	0.706	0.205	0.716	0.953
	10	−0.153	−0.713	0.406	0.205	−0.749	0.945
	50	−0.060	−0.619	0.499	0.205	−0.293	0.998
5	100	−0.143	−0.703	0.416	0.205	−0.700	0.957
	10	−0.300	−0.859	0.259	0.205	−1.465	0.585
	50	−0.207	−0.766	0.353	0.205	−1.009	0.851
10	100	−0.290	−0.849	0.269	0.205	−1.416	0.617
	50	0.093	−0.466	0.653	0.205	0.456	0.991
	100	0.010	−0.549	0.569	0.205	0.049	1.000
50	100	−0.083	−0.643	0.476	0.205	−0.407	0.994

Note. P-value and confidence intervals adjusted for comparing a family of 5 estimates (confidence intervals corrected using the tukey method).
Note. Results are averaged over the levels of: heuristic

Kruskal–Wallis Test

Kruskal–Wallis Test

Factor	Statistic	df	p
heuristic	338.568	1	< .001
reanalysis	2.312	4	0.679

