

Results

Descriptive Statistics

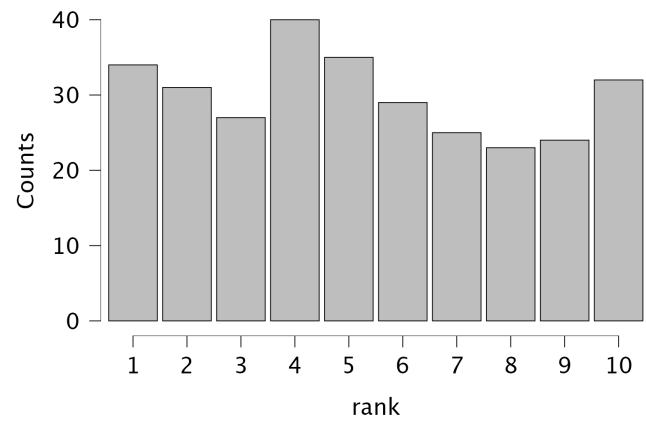
Descriptive Statistics

		Valid	Missing	Mean	Std. Deviation	Variance	Skewness	Std. Error of Skewness	Kurtosis	Std. Error of Kurtosis	Shapiro-Wilk	P-value of
rank	0	300	0	5.270	2.874	8.258	0.158	0.141	-1.137	0.281	0.935	
rank	10	300	0	5.283	2.867	8.217	0.150	0.141	-1.164	0.281	0.934	
rank	20	300	0	5.570	2.865	8.206	-0.036	0.141	-1.208	0.281	0.935	
rank	50	300	0	5.513	2.733	7.468	-0.067	0.141	-1.172	0.281	0.942	
rank	100	300	0	5.553	2.935	8.616	-0.107	0.141	-1.232	0.281	0.928	

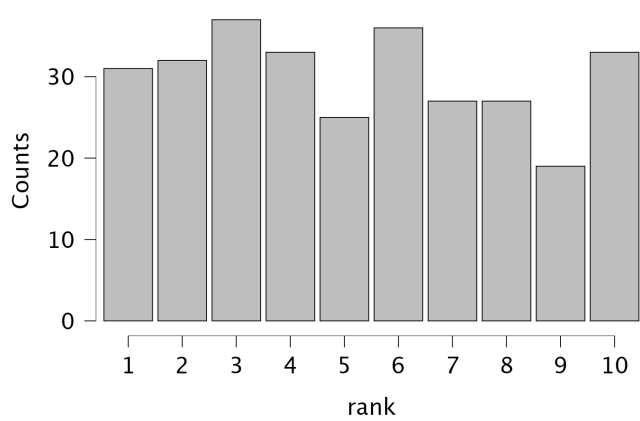
Distribution Plots

rank

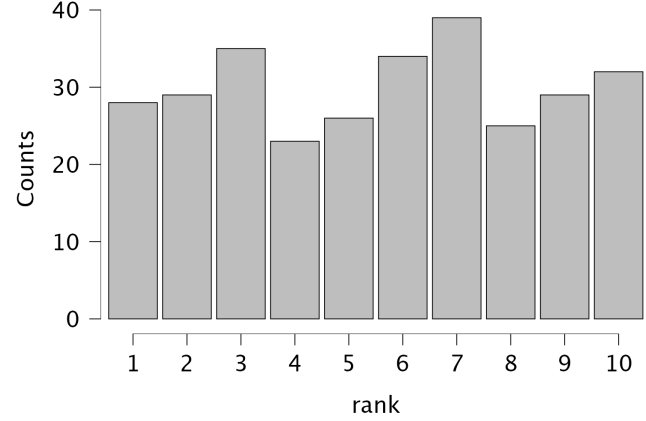
0



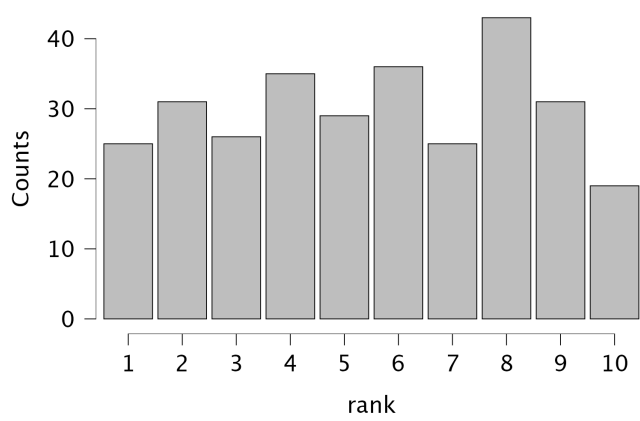
10



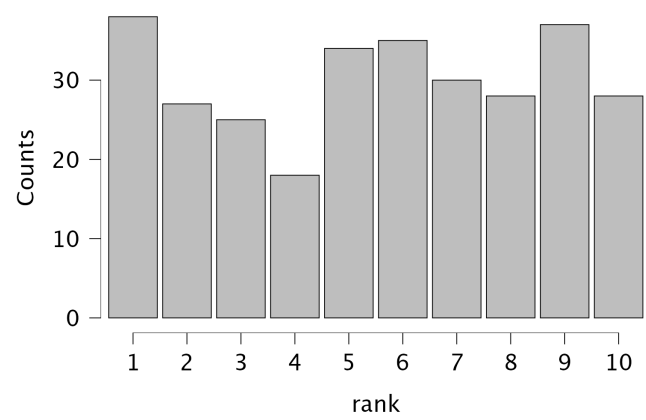
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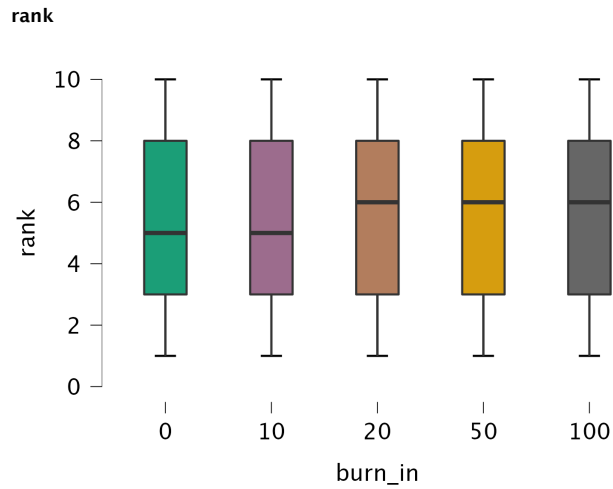
50



100



Boxplots



ANOVA

ANOVA – rank

Cases	Sum of Squares	df	Mean Square	F	p
heuristic	3021.761	1	3021.761	491.865	< .001
burn_in	26.564	4	6.641	1.081	0.364
heuristic * burn_in	13.129	4	3.282	0.534	0.711
Residuals	9153.780	1490	6.143		

Note. Type III Sum of Squares

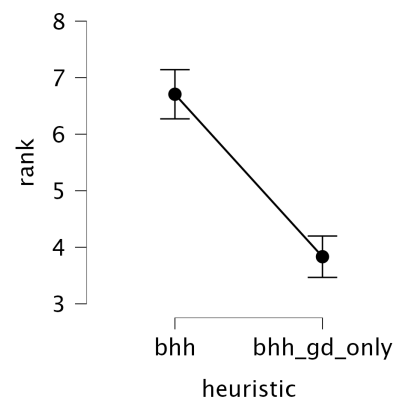
Descriptives

Descriptives – rank

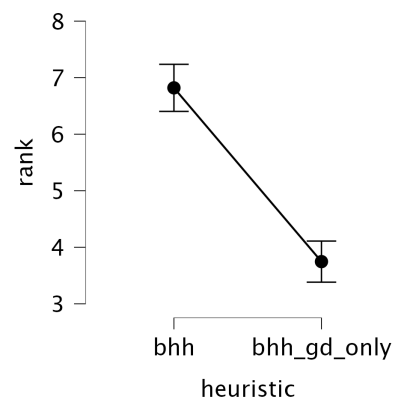
heuristic	burn_in	Mean	SD	N
bhh	0	6.707	2.696	150
	10	6.820	2.580	150
	100	6.833	2.563	150
	20	6.920	2.486	150
	50	7.007	2.141	150
bhh_gd_only	0	3.833	2.269	150
	10	3.747	2.253	150
	100	4.273	2.724	150
	20	4.220	2.572	150
	50	4.020	2.432	150

Descriptives plots

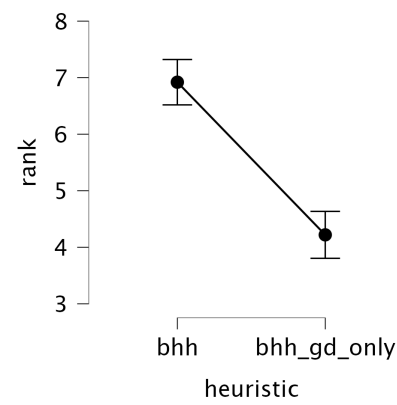
burn_in: 0



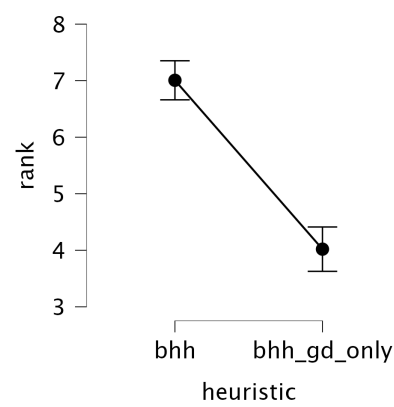
burn_in: 10



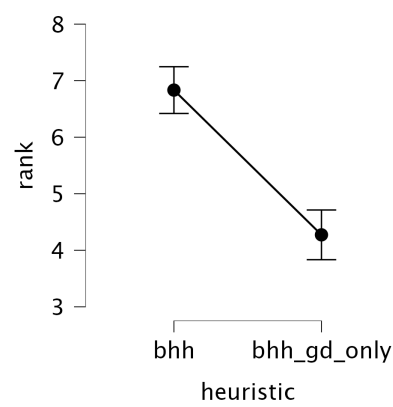
burn_in: 20



burn_in: 50

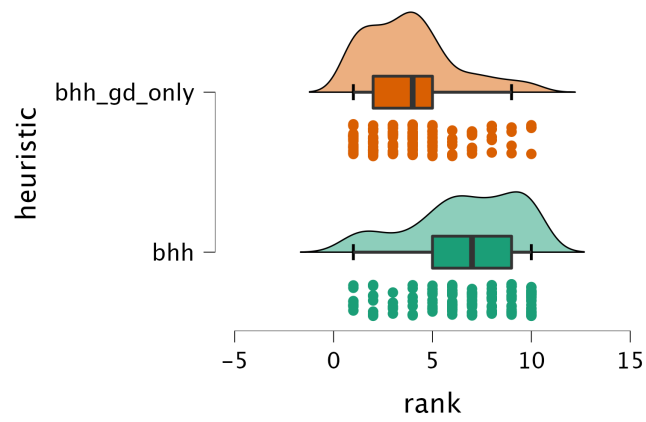


burn_in: 100

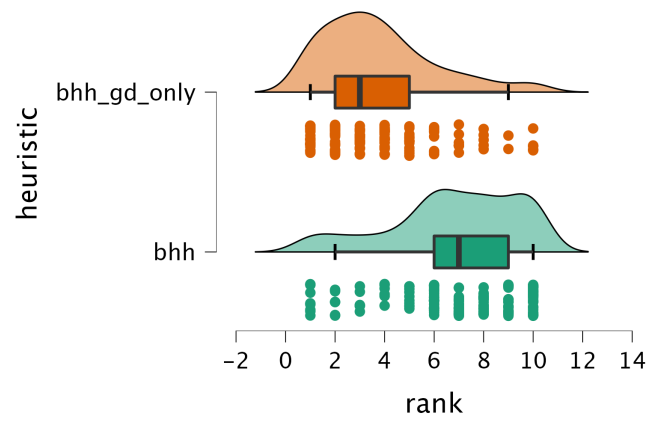


Raincloud plots

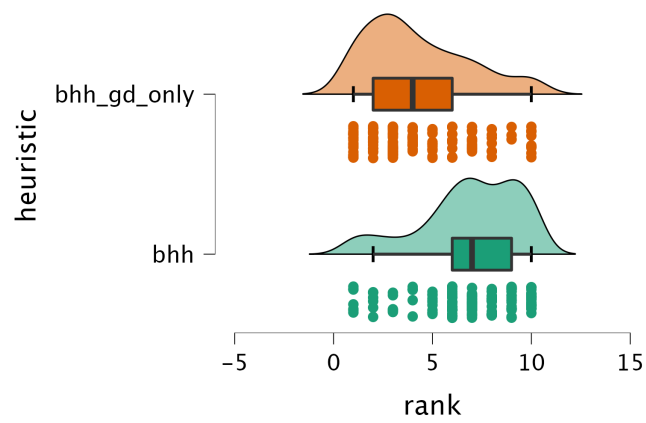
burn_in: 0



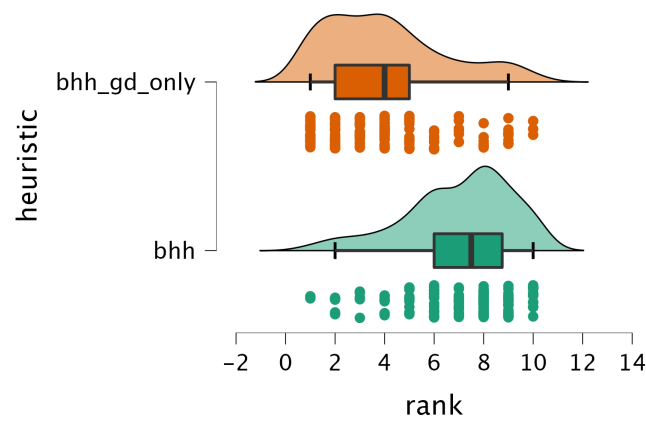
burn_in: 10



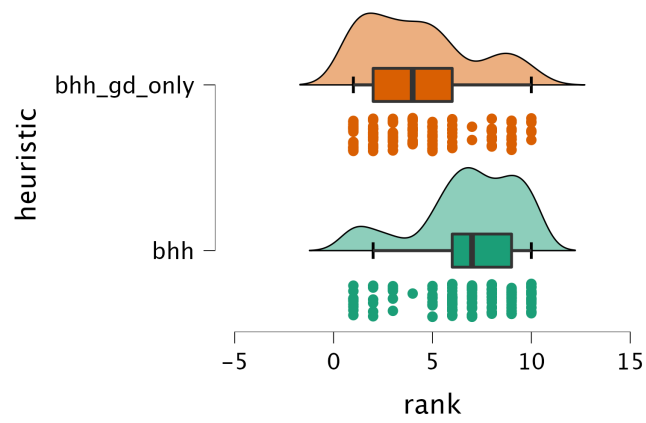
burn_in: 20



burn_in: 50



burn_in: 100



Assumption Checks

Test for Equality of Variances (Levene's)

F	df1	df2	p
2.640	9.000	1490.000	0.005

Post Hoc Tests

Standard

Post Hoc Comparisons – heuristic

		95% CI for Mean Difference					
		Mean Difference	Lower	Upper	SE	t	Ptukey
bhh	bhh_gd_only	2.839	2.588	3.090	0.128	22.178	< .001***

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

Post Hoc Comparisons – burn_in

			95% CI for Mean Difference				
Mean Difference			Lower	Upper	SE	t	Ptukey
0	10	−0.013	−0.566	0.539	0.202	−0.066	1.000
	20	−0.300	−0.853	0.253	0.202	−1.482	0.574
	50	−0.243	−0.796	0.309	0.202	−1.202	0.750
10	100	−0.283	−0.836	0.269	0.202	−1.400	0.628
	20	−0.287	−0.839	0.266	0.202	−1.416	0.617
	50	−0.230	−0.783	0.323	0.202	−1.136	0.787
20	100	−0.270	−0.823	0.283	0.202	−1.334	0.670
	50	0.057	−0.496	0.609	0.202	0.280	0.999
	100	0.017	−0.536	0.569	0.202	0.082	1.000
50	100	−0.040	−0.593	0.513	0.202	−0.198	1.000

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	373.544	1	< .001
burn_in	3.361	4	0.499

