Wilcoxon Signed Ranks test.

KEEL non-parametric statistical module

August 20, 2024

1 Detailed results for BHCVRP-act

1.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
BHCVRP	1.0	35.0	≥ 0.2	1

Table 1: Results obtained by the Wilcoxon test for algorithm BHCVRP-act

1.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
BHCVRP	[-3.36 , 1,597.44]	0

Table 2: Confidence intervals for algorithm BHCVRP-act (α=0.90)

α=0.95	Confidence interval	Exact confidence
BHCVRP	[-3.36 , 1,597.44]	0

Table 3: Confidence intervals for algorithm BHCVRP-act (α=0.95)

2 Detailed results for BHCVRP

2.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
BHCVRP-act	35.0	1.0	≥ 0.2	0.014266

Table 4: Results obtained by the Wilcoxon test for algorithm BHCVRP

2.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
BHCVRP-act	[-1,597.44 , 3.36]	0

Table 5: Confidence intervals for algorithm BHCVRP (α=0.90)

α=0.95	Confidence interval	Exact confidence
BHCVRP-act	[-1,597.44 , 3.36]	0

Table 6: Confidence intervals for algorithm BHCVRP (α=0.95)