Wilcoxon Signed Ranks test.

	(1)	(2)	(3)	(4)
Average Fitness HC (1)	ı	10.5	73.5	10.5
Average Fitness HCRR (2)	125.5	ı	102.0	27.5
Average Fitness SA (3)	62.5	18.0	I	18.0
Average Fitness GRASP (4)	125.5	108.5	102.0	ı

Table 1: Ranks computed by the Wilcoxon test

	(1)	(2)	(3)	(4)
Average Fitness HC (1)	Ī	0		0
Average Fitness HCRR (2)	•	-	•	0
Average Fitness SA (3)		0	_	0
Average Fitness GRASP (4)	•	•	•	-

Table 2: Summary of the Wilcoxon test. \bullet = the method in the row improves the method of the column. \circ = the method in the column improves the method of the row. Upper diagonal of level significance $\alpha = 0.9$, Lower diagonal level of significance $\alpha = 0.95$

	$\alpha = 0.9$		$\alpha = 0.95$	
Method	+	±	+	±
Average Fitness HC	0	1	0	1
Average Fitness HCRR	2	2	2	2
Average Fitness SA	0	1	0	1
Average Fitness GRASP	3	3	3	3

Table 3: Wilcoxon test summary results