	Distance-cost ratio		Value	
	Maximal Connection	Minimal Connection	Maximal Connection	Minimal Connection
Heuristic	Average (± Std Error)	Average (± Std Error)	Average (± Std Error)	Average (± Std Error)
Spanning-tree	122.747(±2.812)	130.998 (±2.917)	0.369 (±0.023)	0.360 (±0.023)
Hitting-distance	103.945 (±1.320)	105.797 (±2.322)	**0.454 (±0.027)**	**0.459 (±0.027)**
Greedy	**101.969 (±0.429)**	**102.785 (± 0.426)**	0.428 (±0.025)	0.426 (±0.026)
Degree based	114.182 (±2.386)	113.285 (±2.305)	0.411 (±0.024)	0.394 (±0.023)
PageRank based	114.894 (±2.452)	112.392 (±2.266)	0.407 (±0.025)	0.398 (±0.023)
Ground truth	115.117 (±1.782)	119.243 (±1.873)		