

Descriptive statistics for experiment

instance	method	distance				% of optimal			
		mean	median	min	max	mean	median	min	max
berlin52.tsp	DSNN	9120	9120	9120	9120	-20.920%	-20.920%	-20.920%	-20.920%
	NN	10184	10184	10184	10184	-35.030%	-35.030%	-35.030%	-35.030%
	RDSNN	16915	17063	13916	20903	-124.270%	-126.230%	-177.160%	-84.510%
	RNN	20956	20574	17382	26103	-177.860%	-172.790%	-246.100%	-130.470%
brd14051.tsp	DSNN	571331	571331	571331	571331	-21.830%	-21.830%	-21.830%	-21.830%
	NN	571475	571475	571475	571475	-21.860%	-21.860%	-21.860%	-21.860%
	RDSNN	17117470	17222463	14229402	19745443	-3550.230%	-3572.620%	-4110.640%	-2934.360%
	RNN	23703439	23878165	19502789	27548245	-4954.660%	-4991.920%	-5774.550%	-4058.890%
d1291.tsp	DSNN	59080	59080	59080	59080	-16.300%	-16.300%	-16.300%	-16.300%
	NN	60078	60078	60078	60078	-18.260%	-18.260%	-18.260%	-18.260%
	RDSNN	795592	794172	637228	925766	-1466.100%	-1463.300%	-1722.340%	-1154.360%
	RNN	1064972	1072310	866526	1238217	-1996.360%	-2010.800%	-2337.390%	-1605.730%
d15112.tsp	DSNN	1929240	1929240	1929240	1929240	-23.310%	-23.310%	-23.310%	-23.310%
	NN	1913793	1913793	1913793	1913793	-22.320%	-22.320%	-22.320%	-22.320%
	RDSNN	58282858	58842062	48542365	66941935	-3625.120%	-3660.860%	-4178.560%	-3002.560%
	RNN	78549519	79109272	65183844	90247563	-4920.450%	-4956.230%	-5668.130%	-4066.190%
d18512.tsp	DSNN	782620	782620	782620	782620	-21.400%	-21.400%	-21.400%	-21.400%
	NN	782168	782168	782168	782168	-21.330%	-21.330%	-21.330%	-21.330%
	RDSNN	25867892	26112451	21647514	29615047	-3912.700%	-3950.640%	-4493.970%	-3258.030%
	RNN	34630542	34923155	28901424	39817888	-5271.990%	-5317.380%	-6076.670%	-4383.270%
d2103.tsp	DSNN	86247	86247	86247	86247	-7.870%	-7.870%	-7.870%	-7.870%
	NN	85513	85513	85513	85513	-6.960%	-6.960%	-6.960%	-6.960%
	RDSNN	1407327	1421736	1164170	1649036	-1660.210%	-1678.240%	-1962.530%	-1356.090%
	RNN	1880311	1884438	1562396	2171031	-2251.800%	-2256.960%	-2615.420%	-1854.170%
d657.tsp	DSNN	59170	59170	59170	59170	-20.970%	-20.970%	-20.970%	-20.970%
	NN	61289	61289	61289	61289	-25.310%	-25.310%	-25.310%	-25.310%
	RDSNN	389021	392360	310322	463234	-695.350%	-702.170%	-847.080%	-534.450%
	RNN	512216	519040	420295	600983	-947.220%	-961.170%	-1128.700%	-759.290%
eil51.tsp	DSNN	565	565	565	565	-32.630%	-32.630%	-32.630%	-32.630%
	NN	561	561	561	561	-31.690%	-31.690%	-31.690%	-31.690%
	RDSNN	857	843	685	1108	-101.080%	-97.770%	-160.090%	-60.800%
	RNN	1068	1073	820	1311	-150.720%	-151.880%	-207.750%	-92.490%
pcb1173.tsp	DSNN	71398	71398	71398	71398	-25.500%	-25.500%	-25.500%	-25.500%
	NN	71212	71212	71212	71212	-25.170%	-25.170%	-25.170%	-25.170%
	RDSNN	624226	630399	521059	730096	-997.210%	-1008.060%	-1183.300%	-815.870%
	RNN	832290	831559	676732	959414	-1362.930%	-1361.640%	-1586.380%	-1089.500%
pr144.tsp	DSNN	63615	63615	63615	63615	-8.680%	-8.680%	-8.680%	-8.680%
	NN	61478	61478	61478	61478	-5.020%	-5.020%	-5.020%	-5.020%
	RDSNN	346913	343843	274486	408005	-492.640%	-487.390%	-597.000%	-368.910%
	RNN	469130	467898	350916	568026	-701.430%	-699.320%	-870.370%	-499.480%
pr299.tsp	DSNN	60613	60613	60613	60613	-25.780%	-25.780%	-25.780%	-25.780%
	NN	61020	61020	61020	61020	-26.620%	-26.620%	-26.620%	-26.620%
	RDSNN	301449	304057	238778	357616	-525.530%	-530.940%	-642.080%	-395.480%
	RNN	416305	422265	316720	494242	-763.860%	-776.230%	-925.590%	-557.220%
pr439.tsp	DSNN	130936	130936	130936	130936	-22.120%	-22.120%	-22.120%	-22.120%
	NN	130750	130750	130750	130750	-21.950%	-21.950%	-21.950%	-21.950%
	RDSNN	836473	834187	665457	1043140	-680.170%	-678.040%	-872.920%	-520.660%
	RNN	1107243	1124022	881743	1319081	-932.710%	-948.360%	-1130.290%	-722.390%
rat783.tsp	DSNN	10551	10551	10551	10551	-19.820%	-19.820%	-19.820%	-19.820%
	NN	10881	10881	10881	10881	-23.560%	-23.560%	-23.560%	-23.560%
	RDSNN	74874	75304	61077	89497	-750.260%	-755.140%	-916.320%	-593.580%
	RNN	100754	101053	80860	120806	-1044.150%	-1047.540%	-1271.860%	-818.240%
rl1304.tsp	DSNN	305789	305789	305789	305789	-20.890%	-20.890%	-20.890%	-20.890%
	NN	321211	321211	321211	321211	-26.990%	-26.990%	-26.990%	-26.990%
	RDSNN	4222896	4274992	3444936	4889533	-1569.470%	-1590.070%	-1833.020%	-1261.910%
	RNN	5621682	5610823	4657494	6516159	-2122.470%	-2118.170%	-2476.090%	-1741.290%
rl1889.tsp	DSNN	385115	385115	385115	385115	-21.660%	-21.660%	-21.660%	-21.660%
	NN	386388	386388	386388	386388	-22.070%	-22.070%	-22.070%	-22.070%
	RDSNN	6279974	6319543	5197566	7268191	-1883.970%	-1896.470%	-2196.170%	-1542.010%
	RNN	8477327	8594998	6893444	9958276	-2578.160%	-2615.330%	-3046.020%	-2077.780%
u1817.tsp	DSNN	69281	69281	69281	69281	-21.120%	-21.120%	-21.120%	-21.120%
	NN	70921	70921	70921	70921	-23.990%	-23.990%	-23.990%	-23.990%
	RDSNN	894178	898882	730019	1033949	-1463.220%	-1471.440%	-1707.570%	-1176.240%

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	RNN	1207080	1216983	980305	1426078	-2010.240%	-2027.560%	-2393.100%	-1613.790%
u574.tsp	DSNN	47157	47157	47157	47157	-27.780%	-27.780%	-27.780%	-27.780%
	NN	46632	46632	46632	46632	-26.360%	-26.360%	-26.360%	-26.360%
	RDSNN	291943	295371	234093	341070	-691.070%	-700.360%	-824.180%	-534.310%
	RNN	391989	395192	315653	472871	-962.160%	-970.830%	-1181.320%	-755.310%
usa13509.tsp	DSNN	24842510	24842510	24842510	24842510	-24.540%	-24.540%	-24.540%	-24.540%
	NN	25041642	25041642	25041642	25041642	-25.540%	-25.540%	-25.540%	-25.540%
	RDSNN	892318839	901415137	737711092	1030485590	-4373.450%	-4419.050%	-5066.120%	-3598.360%
	RNN	1281417035	1300818799	1050697020	1477222300	-6324.110%	-6421.370%	-7305.730%	-5167.440%
vm1084.tsp	DSNN	292380	292380	292380	292380	-22.180%	-22.180%	-22.180%	-22.180%
	NN	295677	295677	295677	295677	-23.560%	-23.560%	-23.560%	-23.560%
	RDSNN	3446613	3467247	2708624	4148419	-1340.310%	-1348.930%	-1633.590%	-1031.910%
	RNN	4824585	4877905	3888910	5701250	-1916.150%	-1938.430%	-2282.500%	-1525.140%
vm1748.tsp	DSNN	446815	446815	446815	446815	-32.760%	-32.760%	-32.760%	-32.760%
	NN	417029	417029	417029	417029	-23.910%	-23.910%	-23.910%	-23.910%
	RDSNN	6238878	6229922	5067590	7422494	-1753.740%	-1751.080%	-2105.430%	-1405.720%
	RNN	8540484	8604519	6912579	9903789	-2437.610%	-2456.640%	-2842.690%	-1953.920%