

Results for MINMAX_EXACT_SKCP (mTSP)

Keld Helsgaun, June 8, 2023

Results for the TSPLIB based benchmark instances used in

J. Son, M. Kim, S. Choi, and J. Park,
Solving NP-hard Min-max Routing Problems
as Sequential Generation with Equity Context.
arXiv:2306.02689 [cs.LG], 2023.

Instance	m	ET [†]	LKH-3
	10	6294.89	6223.22
kroA200	15	6223.22	6223.22
	20	6223.22	6223.22
	10	636.00	606.80
a280	15	607.78	604.68
	20	604.68	604.68
	10	9945.76	9731.17
lin318	15	9731.17	9731.17
	20	9731.17	9731.17
	10	24374.03	21783.69
pr439	15	21833.94	21703.51
	20	21703.51	21703.51
	30	6641.51	6641.51
u574	40	6641.51	6641.51
	50	6641.51	6641.51
	30	12794.86	12266.53
p654	40	12747.33	12266.53
	50	12501.64	12266.53
	30	1271.52	1231.69
rat783	40	1237.64	1231.69
	50	1231.69	1231.69
	50	34465.98	33861.63
pr1002	75	33861.63	33861.63
	100	33861.63	33861.63
	50	6607.14	6528.86
pcb1173	75	6528.86	6528.86
	100	6528.86	6528.86
	50	9858.99	9858.99
d1291	75	9858.99	9858.99
	100	9858.99	9858.99
	50	33072.96	32134.47
rl1304	75	32473.34	32134.47
	100	32134.47	32134.47

	50	12830.64	11525.62
u4132	75	12625.89	11525.62
	100	12155.28	11525.62
	50	4158.05	3878.13
fl1577	75	4071.33	3878.13
	100	4087.09	3878.13
	50	6490.56	6180.09
u1817	75	6424.96	6180.09
	100	6413.51	6180.09