

1 RESULTS OF ADDITIONAL EXPERIMENTS

Methods	DPDP_8_12		DPDP_10_10		DPDP_12_8		DPDP_14_6		DPDP_24_16		DPDPTW_8_12	
	Obj. Value (Gap)	Time	Obj. Value (Gap)	Time	Obj. Value (Gap)	Time	Obj. Value (Gap)	Time	Obj. Value (Gap)	Time	Obj. Value (Gap)	Time
MP (theoretical opt.)	4.40 (0%)	~ 5s	4.40 (0%)	~ 5s	4.42 (0%)	~ 5s	4.38 (0%)	~ 5s	-	-	9.07 (0%)	~ 5s
CI	4.93 (12.20%)	<1 ms	4.82 (9.52%)	<1 ms	4.73 (6.99%)	<1 ms	4.58 (4.58%)	<1 ms	6.89 (0%)	<1 ms	10.25 (12.55%)	<1 ms
MGI [1]	4.91(11.66%)	<1 ms	4.80 (9.19%)	<1 ms	4.73 (6.94%)	<1 ms	4.58 (4.55%)	<1 ms	6.89 (-0.1%)	<1 ms	10.21 (12.01%)	<1 ms
Neuro-Ins	4.57 (3.84%)	<1 ms	4.53 (2.86%)	<1 ms	4.52 (2.09%)	<1 ms	4.45 (1.45%)	<1 ms	6.47 (-6.07%)	<1 ms	10.11 (10.87%)	<1 ms

Table 1: Comparison results for all instances.

REFERENCES

- [1] Qingte Zhou, Huanyu Zheng, Shengyao Wang, Jinghua Hao, Renqing He, Zhizhao Sun, Xing Wang, and Ling Wang. 2020. Two fast heuristics for online order dispatching. In *2020 IEEE Congress on Evolutionary Computation (CEC)*. IEEE, 1–8.