

Table 1: Comparison of Different Models on Random and Real-World Datasets

		2N=20			
	Model	Cost	Gap	Time	Cost
Random Dataset	ACO (Gambardella, Taillard, and Agazzi 1999)	34.73	39.60%	6min	79.94
	Tabu Search (Glover 1990)	29.76	19.67%	7min	64.57
	OR-Tools (Google 2021)	25.91	4.18%	4min	54.64
	RL-VRP (Nazari et al. 2018)	26.79	7.72%	1s	63.12
	AM-VRP (Kool, van Hoof, and Welling 2019)	26.64	7.12%	1s	67.41
	MDAM (Xin et al. 2021)	25.98	4.46%	8s	67.24
	MAPDP	24.87	0.00%	1s	52.59
Real-World Dataset	ACO (Gambardella, Taillard, and Agazzi 1999)	812	30.13%	6min	1205
	Tabu Search (Glover 1990)	834	33.65%	6min	1197
	OR-Tools (Google 2021)	749	20.03%	4min	1056
	RL-VRP (Nazari et al. 2018)	714	14.42%	1s	1130
	AM-VRP (Kool, van Hoof, and Welling 2019)	661	5.93%	1s	942