Benchmark	Success rate (%)			Time cost (s)			Memory cost (MB)		Simulation rounds		Optimization value		
	CDH	PED_G	PED_D	CDH	PED_G	PED_D	PED_G	PED_D	PED_G	PED_D	CDH	PED_G	PED_D
Arm-1	**100**	**100**	**100**	41.20	12.89	**2.25**	371.55	**347.44**	819.53	**420.12**	-9999.1	-9997.4	-9996.3
Arm-2	0	98	**100**	N/A	79.41	**71.70**	389.64	**367.22**	**15315.36**	15761.64	N/A	-19991.2	-19989.6
Arm-3	0	95	**100**	N/A	183.22	**80.89**	414.21	**396.15**	26747.39	**16392.65**	N/A	-29977.2	-29990.9
Arm-5	0	93	**100**	N/A	891.77	**90.21**	679.36	**453.68**	35479.47	**19203.20**	N/A	-49985.6	-49989.6
Veh-a-1	**100**	**100**	**100**	80.45	10.41	**1.82**	210.29	**187.84**	271.91	**82.39**	-9995.6	-9989.2	-9993.7
Veh-a-2	**100**	99	**100**	1913.24	69.73	**45.25**	**256.91**	258.45	2297.60	**1657.12**	-19993.5	-19991.2	-19995.4
Veh-a-3	19	94	**96**	3406.64	334.64	**234.46**	268.02	**222.69**	5695.50	**2761.90**	-29985.2	-29969.3	-29979.5
Veh-a-5	0	62	**74**	N/A	2611.57	**1885.80**	273.65	**236.07**	11288.70	**7218.55**	N/A	-49936.5	-49983.7
Veh-b-1	**100**	**100**	**100**	8.31	4.24	**1.98**	210.11	**183.53**	102.38	**97.29**	-9994.2	-9997.3	-9995.3
Veh-b-2	**100**	**100**	**100**	1502.40	78.52	**41.14**	249.25	**212.44**	3814.20	**1934.38**	-19999.2	-19998.3	-19996.8
Veh-b-3	53	89	**96**	2961.63	417.35	**217.18**	259.43	**192.26**	8614.70	**3276.20**	-29990.8	-29984.1	-29981.4
Veh-b-5	0	61	**91**	N/A	2478.92	**538.47**	276.80	**210.46**	14201.40	**4010.20**	N/A	-49985.2	-49990.4
Veh-c-1	**100**	**100**	**100**	33.76	6.18	**2.28**	264.36	**193.21**	593.63	**128.09**	-9998.4	-9999.4	-9996.8
Veh-c-2	**100**	**100**	**100**	1834.68	50.43	**30.08**	243.98	**228.95**	2189.30	**1870.00**	-19996.1	-19992.2	-19987.8
Veh-c-3	45	95	**99**	3519.77	357.52	**121.15**	278.30	**235.30**	7287.00	**2715.03**	-29983.6	-29979.1	-29987.3
Veh-c-5	0	76	**83**	N/A	1127.56	**360.48**	321.60	**286.70**	21360.00	**8184.27**	N/A	-49991.2	-49984.4
Drone-1	**100**	**100**	**100**	14.69	3.47	**2.46**	367.87	**241.64**	593.10	**391.20**	-9988.5	-9978.5	-9985.9
Drone-2	0	59	**63**	N/A	2102.96	**1354.52**	379.33	**251.45**	8568.40	**5566.00**	N/A	-19894.4	-19976.6
Drone-3	0	24	**35**	N/A	2914.45	**2400.53**	492.14	**287.73**	28293.22	**19462.34**	N/A	-29994.7	-29985.1
Drone-5	0	18	**27**	N/A	3497.25	**2695.32**	653.21	**325.66**	35821.00	**23715.00**	N/A	-49892.1	-49940.3