

Method	RMSE	WRMSE	Distance Travelled	Relative Vibration
BO-DUCB	0.59 ± 0.09	0.31 ± 0.05	31.25 ± 1.98	0.95 ± 0.04
UBO-DUCB	0.64 ± 0.12	0.34 ± 0.08	35.49 ± 1.23	0.95 ± 0.04
UIBO-DUCB	0.59 ± 0.15	0.26 ± 0.08	16.12 ± 2.04	0.61 ± 0.17
BO-ES	0.58 ± 0.10	0.32 ± 0.07	57.07 ± 2.73	1.00
UBO-ES	0.64 ± 0.12	0.34 ± 0.08	67.15 ± 2.56	1.00 ± 0.03
UIBO-ES	0.38 ± 0.05	0.22 ± 0.05	62.85 ± 2.06	0.99 ± 0.03