

CAM tracking ATE (RMSE) cm

Dataset\Method	MMF(s+d)	MMF(s)	CF	CF_S
manipulation	1.13	4.85	32.77	29.85
rotation	2.32	4.87	25.15	25.15

CAM tracking RPE (RMSE) cm/s

Dataset\Method	MMF(s+d)	MMF(s)	CF	CF_S
manipulation	1.49	2.35	20.84	18.23
rotation	1.64	3.68	22.92	22.90

CAM tracking RPE (RMSE) degree/s

Dataset\Method	MMF(s+d)	MMF(s)	CF	CF_S
manipulation	0.92	1.12	7.10	7.51
rotation	1.20	1.43	11.81	11.83

Object tracking ATE (RMSE) cm

Dataset\Method	MMF	MMF-redetect	CF
nx_seg1_jaffa_up	1.03(164 pairs)	5.75 (271pairs)	9.19
nx_seg2_oats_up	0.62(165 pairs)	2.16 (84pairs)	-
nx_seg3_netgear_up	0.86 (200 pairs)	8.03 (191 pairs)	16.18
nx_seg4_jaffa_down	0.41 (69 pairs)	0.99(182 pairs)	-
nx_seg5_oats_down	0.44(64 pairs)	13.49(197 pairs)	-
nx_seg6_netgear_down	0.56(171 pairs)	10.27(192 pairs)	-