

Method	Validation	Yaw error	Pitch error	Roll error
Ours (Depth)	5-fold	$4.72 \pm 4.69^\circ$	$3.84 \pm 3.90^\circ$	$4.78 \pm 5.49^\circ$
Ours (RGB)	5-fold	$8.09 \pm 7.90^\circ$	$6.46 \pm 6.79^\circ$	$6.00 \pm 6.49^\circ$
Ours (RGB+D)	5-fold	$4.67 \pm 4.57^\circ$	$3.85 \pm 3.68^\circ$	$4.59 \pm 5.24^\circ$
Baseline (Depth)	5-fold	$9.2 \pm 13.7^\circ$	$8.5 \pm 10.1^\circ$	$8.0 \pm 8.3^\circ$
Ours (Depth)	4-fold	$4.84 \pm 4.78^\circ$	$3.87 \pm 4.06^\circ$	$4.79 \pm 5.61^\circ$
Ours (RGB)	4-fold	$8.40 \pm 8.31^\circ$	$6.60 \pm 6.87^\circ$	$6.10 \pm 6.65^\circ$
Ours (RGB+D)	4-fold	$4.81 \pm 4.77^\circ$	$3.86 \pm 3.93^\circ$	$4.73 \pm 5.49^\circ$
Baseline (Depth)	4-fold	$3.8 \pm 6.5^\circ$	$3.5 \pm 5.8^\circ$	$5.4 \pm 6.0^\circ$