	cathedral		library		station south		station ea	
	accuracy	time(s)	accuracy	time(s)	accuracy	time(s)	accuracy	tiı
Baseline: single stage ESF	4	24	0	25	2	23	0	25
Baseline: single stage ICP	5	305	5	241	0	167	5	52
ESF-64 + ICP without	5	85	3	73	0	56	4	13
adjusting final residual								
ESF-64 + ICP with	5	85	3	73	4	56	5	12
adjusting final residual								
ESF-64 + Go-ICP with	5	85	3	73	4	56	5	12
adjusting final residual								
The proposed method	5	300	5	223	5	320	5	25