

Algorithm	Number of Surface Points							
	5		10		15		20	
	FRE	TRE	FRE	TRE	FRE	TRE	FRE	TRE
CPD	70.29 \pm 1.34	72.11 \pm 5.54	50.38 \pm 0.71	50.57 \pm 2.64	38.77 \pm 0.53	38.60 \pm 1.97	32.97 \pm 0.41	32.81 \pm 1.41
Support Vector Reg	3.73 \pm 0.22	4.60 \pm 0.94	2.40 \pm 0.28	3.37 \pm 0.97	2.31 \pm 0.23	3.15 \pm 0.87	2.03 \pm 0.29	3.00 \pm 1.01
FilterReg	4.31 \pm 2.33	14.91 \pm 8.70	1.25 \pm 0.73	3.73 \pm 2.35	0.57 \pm 0.33	1.82 \pm 1.03	0.21 \pm 0.14	0.75 \pm 0.41
ICP	3.13 \pm 0.79	7.95 \pm 4.32	2.31 \pm 0.63	5.15 \pm 2.72	1.16 \pm 0.35	2.71 \pm 1.44	0.78 \pm 0.28	1.98 \pm 1.12
ICP + matching centroids	2.36 \pm 0.44	5.21 \pm 2.61	1.19 \pm 0.25	2.44 \pm 1.25	0.64 \pm 0.15	1.32 \pm 0.68	0.39 \pm 0.10	0.82 \pm 0.45

Results are Average of 100 random samples/tests for each config

Fixed(Target) Surface Points: 1527

Errors are in Voxels

One Sample of Random Points for each Config

