

Effector Position: Segmentation vs Forward Kinematics

Joint Angles	detection x	fk x	detection y	fk y	detection z	fk z
[0, 0, 0, 0]	0.037	-3.061E-16	0	3.061E-16	6.640	7.0
[0, 0.5, 0, 0]	0.088	-1.219E-16	2.450	2.397	6.594	6.388
[0, 0.5, 0.5, 0]	-2.88	2.397	2.908	2.104	6.087	5.850
[0, 0.5, 0.5, 0.5]	-2.902	2.280	3.985	2.842	5.269	5.202
[0.7, 0.5, 0.5, 0.5]	-3.725	3.574	1.553	0.705	5.616	5.202
[0.7, 0.5, 0, 0.5]	-2.505	2.011	2.845	2.387	5.504	5.713
[0, 0.5, 0, 0.5]	0.358	-3.626E-17	3.252	3.121	5.615	5.713
[0, 0, 0, 0.5]	0.114	-2.325E-16	0.999	0.959	6.375	6.755
[0.5, 0, 0, 0.5]	-0.384	0.460	0.974	0.841	6.472	6.755
[1.0, 0, 0, 0.5]	-0.806	0.807	0.666	0.518	6.430	6.755

Joint Angles	Distance
[0, 0, 0, 0]	
[0, 0.5, 0, 0]	
[0, 0.5, 0.5, 0]	
[0, 0.5, 0.5, 0.5]	
[0.7, 0.5, 0.5, 0.5]	
[0.7, 0.5, 0, 0.5]	
[0, 0.5, 0, 0.5]	
[0, 0, 0, 0.5]	
[0.5, 0, 0, 0.5]	
[1.0, 0, 0, 0.5]	