

Supplementary Table 4. Data Set for θ_2

No. of trials	Planning value (°)	With patient specific instrument		Without patient specific instrument	
		Measured value (°)	Error (°)	Measured value (°)	Error (°)
	A	B	B-A	C	C-A
1	135.00	134.41	0.59	136.33	1.33
2	135.00	139.59	4.59	134.21	0.79
3	135.00	141.38	6.38	134.21	0.79
4	135.00	133.38	1.62	138.06	3.06
5	135.00	136.21	1.21	136.02	1.02
6	135.00	135.07	0.07	136.34	1.34
7	135.00	133.29	1.71	135.61	0.61
8	135.00	137.59	2.59	130.49	4.51
9	135.00	135.07	0.07	134.21	0.79
10	135.00	136.34	1.34	145.97	10.97
11	135.00	133.38	1.62	134.06	0.94
12	135.00	140.44	5.44	139.24	4.24
13	135.00	133.72	1.28	132.87	2.13
14	135.00	141.63	6.63	132.95	2.05
15	135.00	140.38	5.38	139.21	4.21
16	135.00	139.94	4.94	134.75	0.25
17	135.00	139.63	4.63	137.90	2.90
18	135.00	136.33	1.33	138.98	3.98
19	135.00	141.60	6.60	142.83	7.83
20	135.00	135.95	0.95	137.82	2.82
21	135.00	140.15	5.15	127.87	7.13
22	135.00	133.45	1.55	135.77	0.77
23	135.00	138.93	3.93	140.21	5.21
24	135.00	138.86	3.86	119.87	15.13
25	135.00	138.13	3.13	152.27	17.27
26	135.00	136.12	1.12	141.80	6.80
27	135.00	140.87	5.87	138.50	3.50
28	135.00	137.66	2.66	139.81	4.81
29	135.00	133.72	1.28	128.94	6.06
30	135.00	134.57	0.43	130.33	4.67