

Figure S1: Deviation from the median for each individual observation for all readers and HIPPO™ including outliers

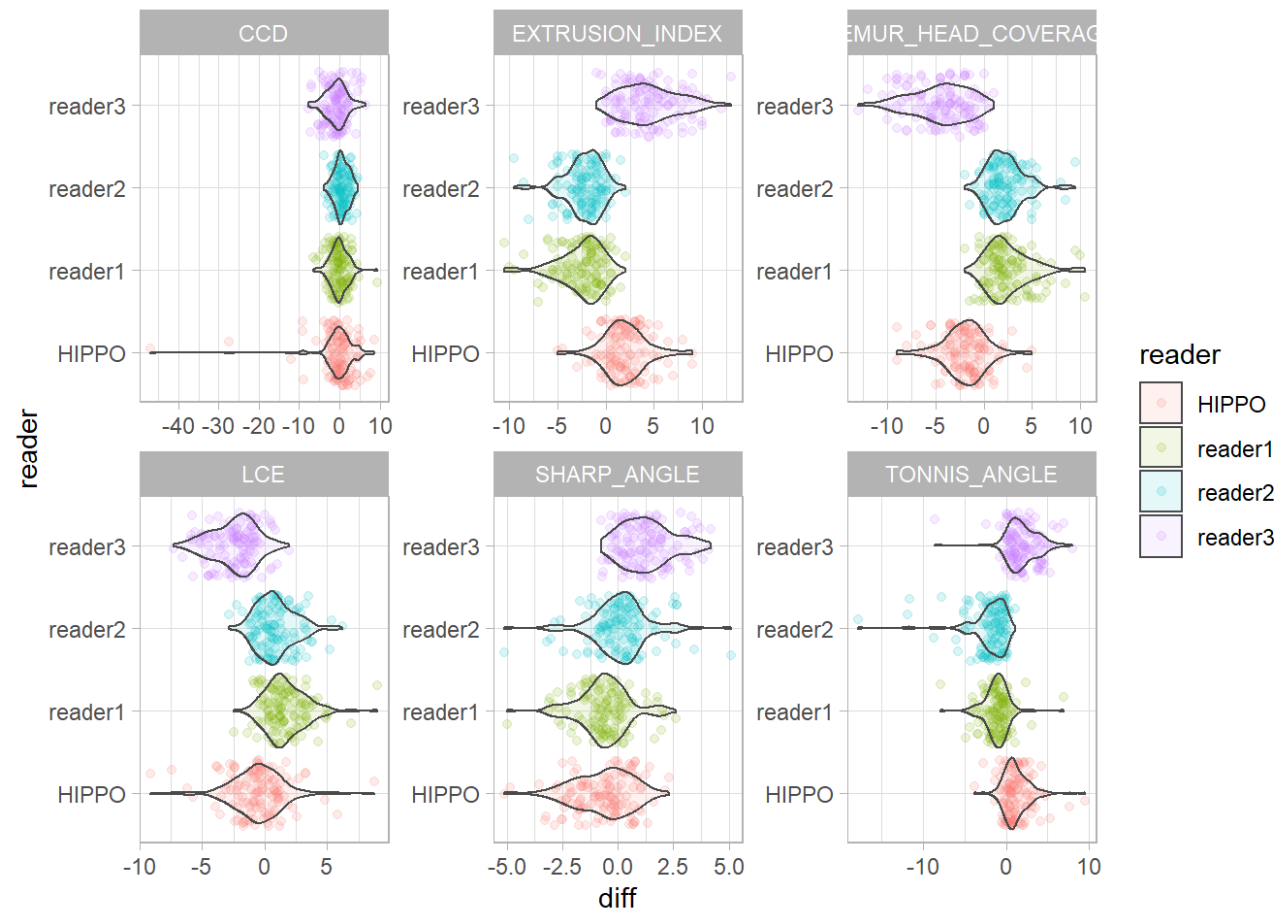


Figure S2: Deviations from the median for each individual observation for all measurements for reader 1-3 and HIPPO™ including outliers

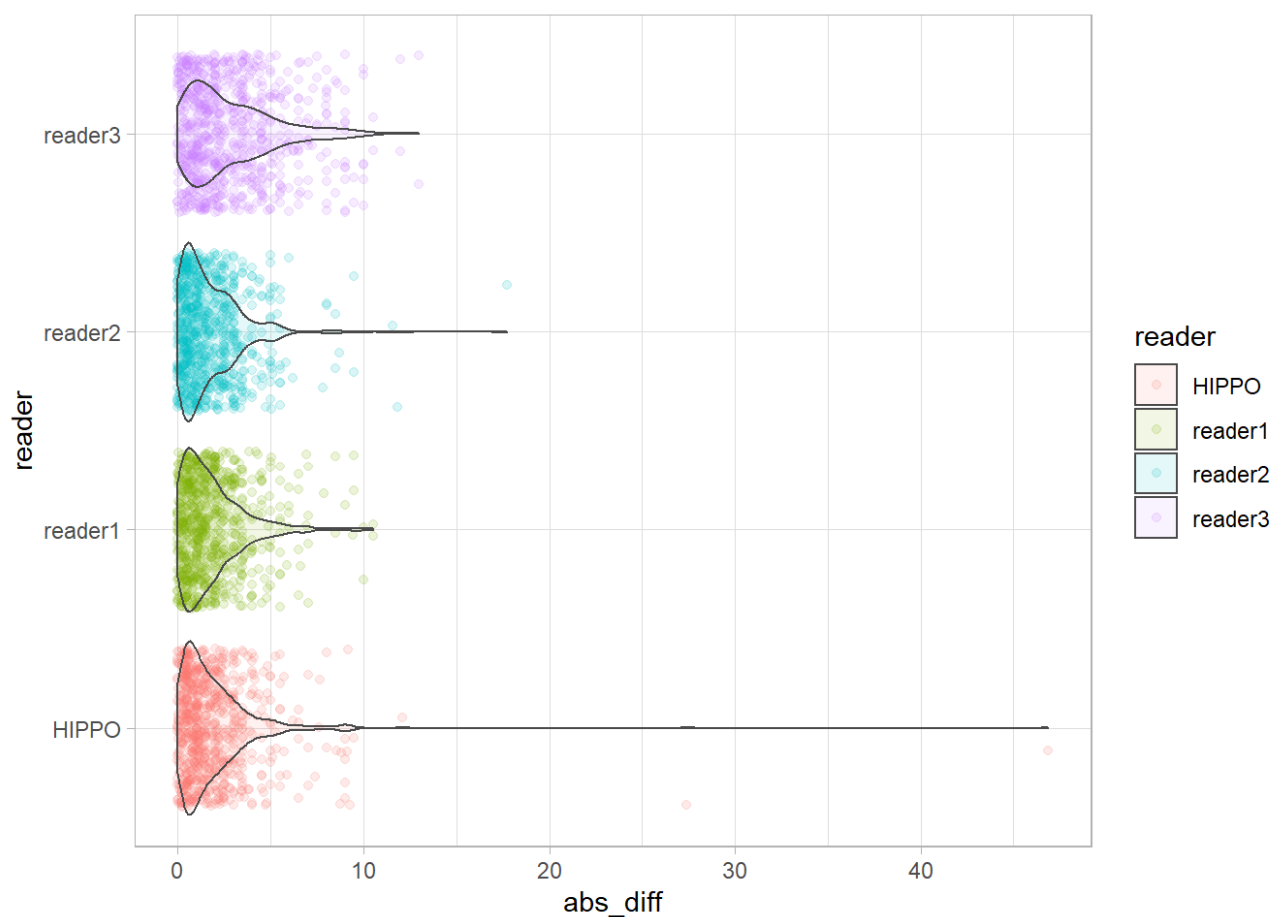


Figure S3: Absolute deviation from the median for each individual observation for all readers and HIPPO™ including outliers

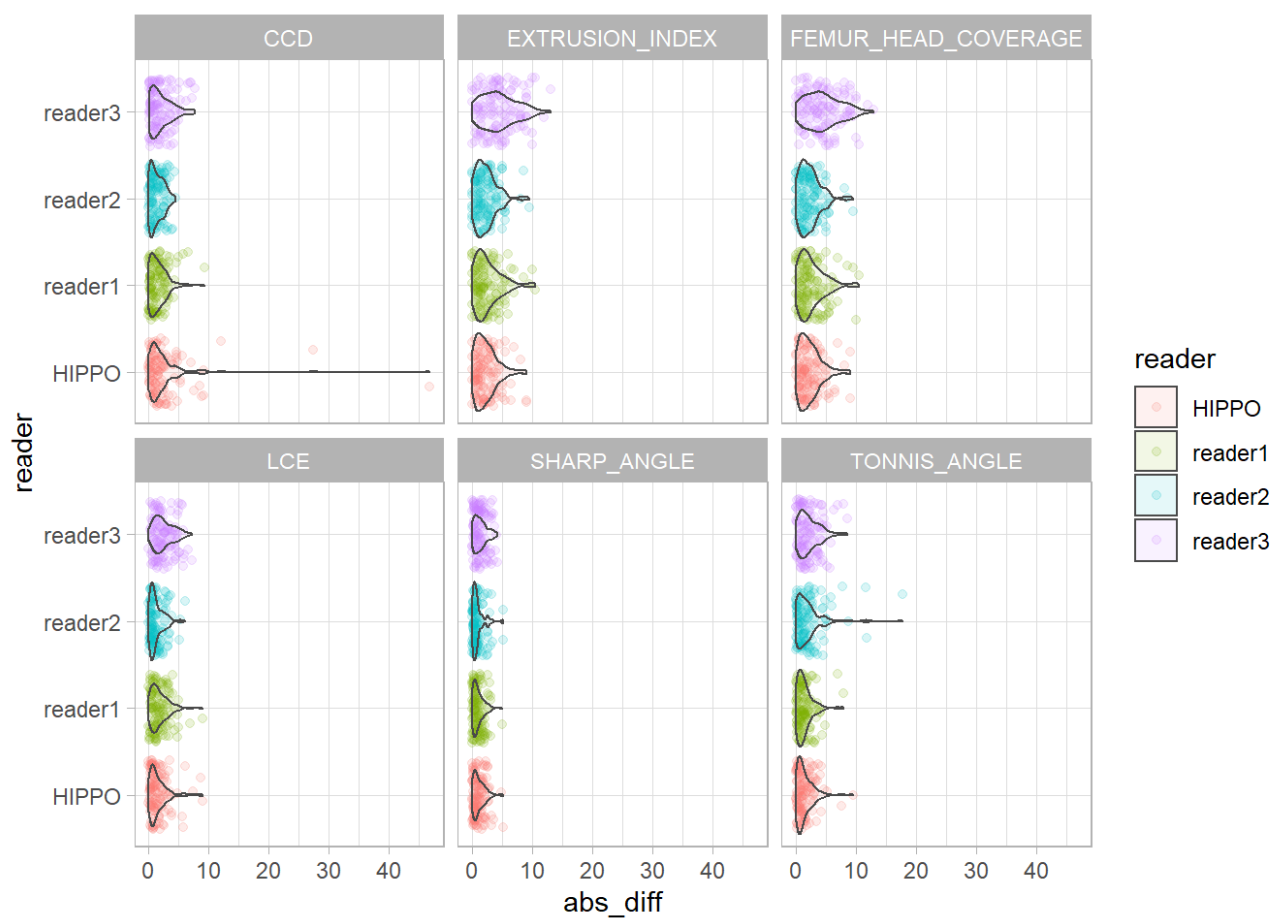


Figure S4: Absolute deviation from the median for all measurements for all readers and HIPPO™ including outliers

CCD					EXTRUSION_INDEX					FEMUR_HEAD_COVERAGE					LCE					SHARP_ANGLE					TONNIS_ANGLE				
	reader	rank	perc	perc_better		reader	rank	perc	perc_better		reader	rank	perc	perc_better		reader	rank	perc	perc_better		reader	rank	perc	perc_better		reader	rank	perc	perc_better
1	HIPPO	1	0	0	1	HIPPO	1	39.9	39.9	1	HIPPO	1	40.675	40.675	1	HIPPO	1	8.025	8.025	1	HIPPO	1	10.075	10.075	1	HIPPO	1	42.875	42.875
2	HIPPO	2	0.9	0.9	2	HIPPO	2	47.875	87.775	2	HIPPO	2	46.45	87.125	2	HIPPO	2	71.425	79.45	2	HIPPO	2	24.725	34.8	2	HIPPO	2	56.5	99.375
3	HIPPO	3	41.575	42.475	3	HIPPO	3	12.225	100	3	HIPPO	3	12.875	100	3	HIPPO	3	20.55	100	3	HIPPO	3	52.85	87.65	3	HIPPO	3	0.625	100
4	HIPPO	4	57.525	100	4	HIPPO	4	0	100	4	HIPPO	4	0	100	4	HIPPO	4	0	100	4	HIPPO	4	12.35	100	4	HIPPO	4	0	100
5	reader1	1	18.7	18.7	5	reader1	1	4.4	4.4	5	reader1	1	3.5	3.5	5	reader1	1	0.875	0.875	5	reader1	1	28.2	28.2	5	reader1	1	57.1	57.1
6	reader1	2	79.05	97.75	6	reader1	2	15.95	20.35	6	reader1	2	16.775	20.275	6	reader1	2	19.95	20.825	6	reader1	2	45	73.2	6	reader1	2	42.775	99.875
7	reader1	3	2.15	99.9	7	reader1	3	79.65	100	7	reader1	3	79.725	100	7	reader1	3	79.1	99.925	7	reader1	3	23.625	96.825	7	reader1	3	0.125	100
8	reader1	4	0.1	100	8	reader1	4	0	100	8	reader1	4	0	100	8	reader1	4	0.075	100	8	reader1	4	3.175	100	8	reader1	4	0	100
9	reader2	1	81.275	81.275	9	reader2	1	55.7	55.7	9	reader2	1	55.825	55.825	9	reader2	1	91.1	91.1	9	reader2	1	61.15	61.15	9	reader2	1	0.025	0.025
10	reader2	2	18.55	99.825	10	reader2	2	36.175	91.875	10	reader2	2	36.775	92.6	10	reader2	2	8.625	99.725	10	reader2	2	27.975	89.125	10	reader2	2	0.475	0.5
11	reader2	3	0.175	100	11	reader2	3	8.125	100	11	reader2	3	7.4	100	11	reader2	3	0.275	100	11	reader2	3	10.025	99.15	11	reader2	3	67.6	68.1
12	reader2	4	0	100	12	reader2	4	0	100	12	reader2	4	0	100	12	reader2	4	0	100	12	reader2	4	0.85	100	12	reader2	4	31.9	100
13	reader3	1	0.025	0.025	13	reader3	1	0	0	13	reader3	1	0	0	13	reader3	1	0	0	13	reader3	1	0.575	0.575	13	reader3	1	0	0
14	reader3	2	1.5	1.525	14	reader3	2	0	0	14	reader3	2	0	0	14	reader3	2	0	0	14	reader3	2	2.3	2.875	14	reader3	2	0.25	0.25
15	reader3	3	56.1	57.625	15	reader3	3	0	0	15	reader3	3	0	0	15	reader3	3	0.075	0.075	15	reader3	3	13.5	16.375	15	reader3	3	31.65	31.9
16	reader3	4	42.375	100	16	reader3	4	100	100	16	reader3	4	100	100	16	reader3	4	99.925	100	16	reader3	4	83.625	100	16	reader3	4	68.1	100

Figure S5: Data for all measurements and readers for SUCRA plots, “perc_better” indicates the probability for the reader to rank this place or better