■ SUPPLEMENTARY MATERIAL

Osteotomy: Calcaneus anterior (migrating object) with reference to calcaneus posterior (rigid object)											
x-translation						Within double-examinations (intra)				Between double-examinations (inter)	
Cadaver foot	wedge	wtx_n1abc1	wtx_n1abc2	wtx_n2abc1	wtx_n2abc2	diff_n1abc	diff_n2abc	avg_n1abc	avg_n2abc	diff_n1n2	avg_n1n2
1	a	-2.5754	-2.5929	-2.4757	-2.4956	0.0174999	0.0199001	-2.58415	-2.48565	-0.0985	-1.23785
2	a	0.4809	0.4415	0.4094	0.3704	0.0394	0.039	0.4612	0.3899	0.0713	0.2047
3	a	-1.8173	-1.8396	-1.7801	-1.8021	0.0223	0.022	-1.82845	-1.7911	-0.0373499	-0.89005
4	a	-0.9712	-1.0032	-0.9722	-1.0042	0.0320001	0.032	-0.9872	-0.9881999	0.0009999	-0.4861
5	a	-3.4125	-3.4902	-3.3943	-3.4712	0.0777001	0.0769	-3.45135	-3.43275	-0.0186	-1.69715
1	b	-4.2001	-4.1857	-4.0522	-4.0318	-0.0144	-0.0204	-4.1929	-4.042	-0.1508999	-2.0261
2	b	-2.0995	-2.0364	-2.1372	-2.0732	-0.0630999	-0.0640001	-2.06795	-2.1052	0.03725	-1.0686001
3	b	-4.1932	-4.1855	-4.1561	-4.1484	-0.0077	-0.0077	-4.18935	-4.15225	-0.0371003	-2.07805
4	b	-2.0467	-2.0813	-2.0286	-2.0633	0.0346	0.0346999	-2.064	-2.04595	-0.0180502	-1.0143001
5	b	-5.5379	-5.5291	-5.5029	-5.4935	-0.0088	-0.0093999	-5.5335	-5.4982	-0.0352993	-2.75145
1	c	-3.823	-3.9087	-3.8916	-3.9779	0.0857	0.0863001	-3.86585	-3.93475	0.0689001	-1.9458
2	c	-3.8259	-3.848	-3.836	-3.8573	0.0221	0.0213001	-3.83695	-3.84665	0.0097001	-1.918
3	c	-5.7285	-5.7603	-5.6924	-5.7239	0.0318003	0.0314999	-5.7444	-5.70815	-0.0362501	-2.8462001
4	c	-2.2974	-2.3022	-2.2652	-2.2696	0.0048001	0.0044	-2.2998	-2.2674	-0.0324001	-1.1326
5	c	-7.9233	-7.9983	-7.8732	-7.949	0.0750003	0.0757999	-7.9608	-7.9111	-0.0497003	-3.9366001

Explanation of variable names

Cadaver foot: Is the cadaver foot number

Wedge: Wedge a is 1 cm lengthening, wedge b is 1.25 cm lengthening and wedge c is 1.5 cm lengthening (lengthenings are approx!)

wtx_n1abc1: translation from neutral examination 1 to wedges a,b,c in examination 1

wtx_n1abc2: translation from neutral examination 1 to wedges a,b,c in examination 2

wtx_n2abc1: translation from neutral examination 2 to wedges a,b,c in examination 1

wtx_n2abc2: translation from neutral examination 2 to wedges a,b,c in examination 2

diff_n1abc (=wtx_n1abc1-wtx_n1abc2) is the difference within the examination no1 in neutral position to the examination with each wedge within each cadaver foot

diff_n2abc(=wtx_n2abc1-wtx_n2abc2) is the same as above, just with neutral examination no2 as reference

avg_n1abc is the average of **wtx_n1abc1** and **wtx_n1abc2**

avg_n2abc is the average of **wtx_n2abc1** and **wtx_n2abc2**

diff_n1n2 is the difference between the **avg_n1abc** and **avg_n2abc - used in the Bland Altman plot**

avg_n1n2: mean of the **avg_n1abc** and **avg_n2abc - used in the Bland Altman plot**

The marked area is the differences within each double-examination to assess quality of each double-examination

The green marked area are the means within each double-examination. It can be viewed here, that the measured mean within each wedge, does not correspond to the wedge markings.

This was expected as we did not plan this as an accuray study, since keeping the wedge in place would be difficult in stiff cadaver feet and we wanted to avoid "crushing" the bone while inserting the wedge to the corresponded markings.

NB! All the measurements of translations are reported in millimetres and all the measurements of rotations are reported in degrees.

y-translation						Within double-examinations (intra)				Between double-examinations (inter)	
Cadaver foot	wedge	wty_n1abc1	wty_n1abc2	wty_n2abc1	wty_n2abc2	diff_n1abc	diff_n2abc	avg_n1abc	avg_n2abc	diff_n1n2	avg_n1n2
1	a	-2.1817	-2.3158	-2.4725	-2.6037	0.1341	0.1311998	-2.24875	-2.5381	0.28935	-1.2362501
2	a	0.3901	0.3711	0.407	0.387	0.019	0.02	0.3806	0.397	-0.0164	0.2035
3	a	-0.573	-0.562	-0.5915	-0.5797	-0.011	-0.0118	-0.5675	-0.5856	0.0181	-0.29575
4	a	-3.1761	-3.1095	-3.2444	-3.1775	-0.0666001	-0.0669	-3.1428	-3.21095	0.06815	-1.6222
5	a	-4.4814	-4.537	-4.5685	-4.6241	0.0556002	0.0556002	-4.5092	-4.5963	0.0871	-2.2842499
1	b	-3.4517	-3.4327	-3.7921	-3.7792	-0.0190001	-0.0128999	-3.4422	-3.78565	0.3434501	-1.89605
2	b	-1.3762	-1.4284	-1.4052	-1.4558	0.0522001	0.0506001	-1.4023	-1.4305	0.0282	-0.7026
3	b	-0.1419	-0.1336	-0.1486	-0.1406	-0.0083	-0.008	-0.13775	-0.1446	0.00685	-0.0743
4	b	-5.7946	-5.7403	-5.8575	-5.8032	-0.0542998	-0.0543003	-5.76745	-5.83035	0.0628996	-2.9287502
5	b	-5.9011	-5.9452	-6.0089	-6.053	0.0440998	0.0440998	-5.92315	-6.03095	0.1078	-3.0044501
1	c	0.1513	0.2154	0.0103	0.0743	-0.0641	-0.064	0.18335	0.0423	0.14105	0.00515
2	c	-2.8901	-2.9291	-2.9447	-2.9843	0.039	0.0395999	-2.9096	-2.9645	0.0548999	-1.4723501
3	c	-0.1914	-0.2029	-0.1877	-0.1984	0.0115	0.0107	-0.19715	-0.19305	-0.0041	-0.09385
4	c	-7.9083	-7.9524	-7.9659	-8.0097	0.0441003	0.0437999	-7.93035	-7.9878	0.0574493	-3.9829501
5	c	-7.1294	-7.0375	-7.2609	-7.1692	-0.0918999	-0.0917001	-7.08345	-7.21505	0.1315999	-3.6304501

z-translation						Within double-examinations (intra)				Between double-examinations (inter)	
Cadaver foot	wedge	wtz_n1abc1	wtz_n1abc2	wtz_n2abc1	wtz_n2abc2	diff_n1abc	diff_n2abc	avg_n1abc	avg_n2abc	diff_n1n2	avg_n1n2
1	a	3.1812	3.0981	3.2632	3.1761	0.0831	0.0871	3.13965	3.21965	-0.08	3.17965
2	a	0.1864	0.1147	0.2349	0.1632	0.0717	0.0717	0.15055	0.19905	-0.0485	0.1748
3	a	1.2787	1.3508	1.1969	1.2692	-0.0721	-0.0723	1.31475	1.23305	0.0817	1.2739
4	a	3.2873	3.4655	3.3339	3.512	-0.1782	-0.1781	3.3764	3.42295	-0.04655	3.399675
5	a	2.8518	3.0534	2.7735	2.9752	-0.2016	-0.2017	2.9526	2.87435	0.07825	2.913475
1	b	4.3465	4.515	4.4396	4.608	-0.1685	-0.1684	4.43075	4.5238	-0.09305	4.477275
2	b	1.7161	1.875	1.7676	1.9265	-0.1589	-0.1589	1.79555	1.84705	-0.0515	1.8213
3	b	0.3453	0.3203	0.2695	0.2442	0.025	0.0253	0.3328	0.25685	0.07595	0.294825
4	b	7.0814	7.1894	7.1371	7.2449	-0.108	-0.1078	7.1354	7.191	-0.0556	7.1632
5	b	3.6835	3.7135	3.6122	3.6424	-0.03	-0.0302	3.6985	3.6273	0.0712	3.6629
1	c	-1.2591	-1.2665	-1.0434	-1.0453	0.0074	0.0019	-1.2628	-1.04435	-0.21845	-1.153575
2	c	4.5912	4.5678	4.6454	4.622	0.0234	0.0234	4.5795	4.6337	-0.0542	4.6066
3	c	0.1626	0.2404	0.0926	0.1707	-0.0778	-0.0781	0.2015	0.13165	0.06985	0.166575
4	c	9.4899	9.5739	9.5518	9.6358	-0.084	-0.084	9.5319	9.5938	-0.0619	9.56285
5	c	4.5579	4.7505	4.4934	4.6862	-0.1926	-0.1928	4.6542	4.5898	0.0644	4.622

x-rotation

Cadaver foot	wedge	wrx_n1abc1	wrx_n1abc2	wrx_n2abc1	wrx_n2abc2	Within double-examinations (intra)				Between double-examinations (inter)	
						diff_n1abc	diff_n2abc	avg_n1abc	avg_n2abc	diff_n1n2	avg_n1n2
1	a	-2.4081	-2.6878	-2.3486	-2.6174	0.2797	0.2688	-2.54795	-2.483	-0.06495	-2.515475
2	a	2.1	2.1287	2.1678	2.1951	-0.0287	-0.0273	2.11435	2.18145	-0.0671	2.1479
3	a	-0.5568	-0.3606	-0.7789	-0.5807	-0.1962	-0.1982	-0.4587	-0.6798	0.2211	-0.56925
4	a	-7.7116	-7.7561	-7.8528	-7.9	0.0445	0.0472	-7.73385	-7.8764	0.14255	-7.805125
5	a	-11.8554	-11.857	-11.9696	-11.9757	0.0016	0.0061	-11.8562	-11.97265	0.11645	-11.914425
1	b	-4.7548	-4.7863	-4.7454	-4.7444	0.0315	-0.001	-4.77055	-4.7449	-0.02565	-4.757725
2	b	0.4293	0.9108	0.5063	0.9891	-0.4815	-0.4828	0.67005	0.7477	-0.07765	0.708875
3	b	1.1298	1.1191	0.9539	0.9422	0.0107	0.0117	1.12445	0.94805	0.1764	1.03625
4	b	-14.5117	-14.8491	-14.6624	-14.9475	0.3374	0.2851	-14.6804	-14.80495	0.12455	-14.742675
5	b	-12.2393	-12.1192	-12.3801	-12.2628	-0.1201	-0.1173	-12.17925	-12.32145	0.1422	-12.25035
1	c	3.4295	3.0326	3.3546	2.9466	0.3969	0.408	3.23105	3.1506	0.08045	3.190825
2	c	-2.0854	-2.0486	-2.0084	-1.9703	-0.0368	-0.0381	-2.067	-1.98935	-0.07765	-2.028175
3	c	1.2175	1.3707	1.0727	1.2205	-0.1532	-0.1478	1.2941	1.1466	0.1475	1.22035
4	c	-19.4814	-19.47	-19.5069	-19.594	-0.0114	0.0871	-19.4757	-19.55045	0.07475	-19.513075
5	c	-12.2502	-12.0874	-12.4043	-12.2454	-0.1628	-0.1589	-12.1688	-12.32485	0.15605	-12.246825

y-rotation

Cadaver foot	wedge	wry_n1abc1	wry_n1abc2	wry_n2abc1	wry_n2abc2	Within double-examinations (intra)				Between double-examinations (inter)	
						diff_n1abc	diff_n2abc	avg_n1abc	avg_n2abc	diff_n1n2	avg_n1n2
1	a	9.8226	10.0197	9.8796	10.0611	-0.1971	-0.1815	9.92115	9.97035	-0.0492	9.94575
2	a	-2.0066	-1.9781	-1.9206	-1.892	-0.0285	-0.0286	-1.99235	-1.9063	-0.08605	-1.949325
3	a	5.4452	5.6581	5.174	5.3859	-0.2129	-0.2119	5.55165	5.27995	0.2717	5.4158
4	a	2.1083	2.5457	1.6127	2.0499	-0.4374	-0.4372	2.327	1.8313	0.4957	2.07915
5	a	10.1133	10.5667	9.8284	10.2823	-0.4534	-0.4539	10.34	10.05535	0.28465	10.197675
1	b	13.0453	13.7823	13.0744	13.771	-0.737	-0.6966	13.4138	13.4227	-0.0089	13.41825
2	b	-2.159	-2.2265	-2.1203	-2.1771	0.0675	0.0568	-2.19275	-2.1487	-0.04405	-2.170725
3	b	9.6594	9.555	9.3792	9.2743	0.1044	0.1049	9.6072	9.32675	0.28045	9.466975
4	b	6.4725	4.1084	5.9438	3.5827	2.3641	2.3611	5.29045	4.76325	0.5272	5.02685
5	b	11.5924	11.8696	11.2995	11.578	-0.2772	-0.2785	11.731	11.43875	0.29225	11.584875
1	c	3.6245	3.9706	3.9347	4.2882	-0.3461	-0.3535	3.79755	4.11145	-0.3139	3.9545
2	c	-1.9884	-2.061	-2.0065	-2.0781	0.0726	0.0716	-2.0247	-2.0423	0.0176	-2.0335
3	c	14.1245	13.349	13.8397	13.0646	0.7755	0.7751	13.73675	13.45215	0.2846	13.59445
4	c	3.1506	6.8731	2.6161	6.3225	-3.7225	-3.7064	5.01185	4.4693	0.54255	4.740575
5	c	12.8435	13.178	12.5498	12.8866	-0.3345	-0.3368	13.01075	12.7182	0.29255	12.864475

z-rotation

Cadaver foot	wedge	wrz_n1abc1	wrz_n1abc2	wrz_n2abc1	wrz_n2abc2	Within double-examinations (intra)				Between double-examinations (inter)	
						diff_n1abc	diff_n2abc	avg_n1abc	avg_n2abc	diff_n1n2	avg_n1n2
1	a	6.1446	6.5592	6.8412	7.2699	-0.4146	-0.4287	6.3519	7.05555	-0.70365	6.703725
2	a	1.057	1.0743	0.8894	0.9065	-0.0173	-0.0171	1.06565	0.89795	0.1677	0.9818
3	a	0.627	0.6814	0.6104	0.6633	-0.0544	-0.0529	0.6542	0.63685	0.01735	0.645525
4	a	2.832	2.7711	3.6328	3.5719	0.0609	0.0609	2.80155	3.60235	-0.8008	3.20195
5	a	6.3031	6.5209	6.0774	6.2942	-0.2178	-0.2168	6.412	6.1858	0.2262	6.2989
1	b	6.3905	7.6155	7.2853	8.5267	-1.225	-1.2414	7.003	7.906	-0.903	7.4545
2	b	-3.1403	-2.8536	-3.308	-3.0203	-0.2867	-0.2877	-2.99695	-3.16415	0.1672	-3.08055
3	b	1.9465	1.9115	1.9076	1.8732	0.035	0.0344	1.929	1.8904	0.0386	1.9097
4	b	3.8491	8.1467	4.6545	8.9502	-4.2976	-4.2957	5.9979	6.80235	-0.80445	6.400125
5	b	4.0252	4.0526	3.8016	3.8296	-0.0274	-0.028	4.0389	3.8156	0.2233	3.92725
1	c	-0.1408	-0.3864	0.1535	-0.0639	0.2456	0.2174	-0.2636	0.0448	-0.3084	-0.1094
2	c	-5.2142	-5.1361	-5.3849	-5.3063	-0.0781	-0.0786	-5.17515	-5.3456	0.17045	-5.260375
3	c	1.0733	1.2869	1.0174	1.2332	-0.2136	-0.2158	1.1801	1.1253	0.0548	1.1527
4	c	15.3049	6.7728	16.1079	7.577	8.5321	8.5309	11.03885	11.84245	-0.8036	11.44065
5	c	4.1324	4.0863	3.9094	3.8636	0.0461	0.0458	4.10935	3.8865	0.22285	3.997925

Calcaneal-cuboid joint: Cuboideum as the migration object with reference to anterior calcaneal fragment as the rigid object

x-translation

Cadaver foot	wedge	wtx_n1abc1	wtx_n1abc2	wtx_n2abc1	wtx_n2abc2	Within double-examinations (intra)				Between double-examinations (inter)	
						diff_n1abc	diff_n2abc	avg_n1abc	avg_n2abc	diff_n1n2	avg_n1n2
1	a	0.6421	0.652	0.7067	0.7147	-0.0099	-0.008	0.64705	0.7107	-0.06365	0.678875
2	a	0.2361	0.2151	0.2534	0.2297	0.021	0.0237	0.2256	0.24155	-0.01595	0.233575
4	a	-0.1139	-0.1329	-0.2456	-0.2638	0.019	0.0182	-0.1234	-0.2547	0.1313	-0.18905
5	a	0.2336	0.2317	0.1817	0.179	0.0019	0.0027	0.23265	0.18035	0.0523	0.2065
1	b	0.9581	0.8118	1.0438	0.8907	0.1463	0.1531	0.88495	0.96725	-0.0823	0.9261
2	b	0.3509	0.3638	0.3699	0.3818	-0.0129	-0.0119	0.35735	0.37585	-0.0185	0.3666
4	b	0.0721	-0.5602	-0.0649	-0.6817	0.6323	0.6168	-0.24405	-0.3733	0.12925	-0.308675
5	b	0.2595	0.319	0.2228	0.2818	-0.0595	-0.059	0.28925	0.2523	0.03695	0.270775
1	c	1.4911	1.5442	1.6795	1.7313	-0.0531	-0.0518	1.51765	1.7054	-0.18775	1.611525
2	c	0.4295	0.4684	0.4521	0.4908	-0.0389	-0.0387	0.44895	0.47145	-0.0225	0.4602
4	c	-0.9806	-0.0225	-1.0868	-0.1577	-0.9581	-0.9291	-0.50155	-0.62225	0.1207	-0.5619
5	c	0.6092	0.6371	0.5909	0.6184	-0.0279	-0.0275	0.62315	0.60465	0.0185	0.6139

y-translation						Within double-examinations (intra)				Between double-examinations (inter)	
Cadaver foot	wedge	wty_n1abc1	wty_n1abc2	wty_n2abc1	wty_n2abc2	diff_n1abc	diff_n2abc	avg_n1abc	avg_n2abc	diff_n1n2	avg_n1n2
1	a	1.2844	1.3303	1.5853	1.6333	-0.0459	-0.048	1.30735	1.6093	-0.30195	1.458325
2	a	-0.4705	-0.3481	-0.5034	-0.3816	-0.1224	-0.1218	-0.4093	-0.4425	0.0332	-0.4259
4	a	2.2871	2.2879	2.4681	2.4691	-0.0008	-0.001	2.2875	2.4686	-0.1811	2.37805
5	a	0.8171	0.8517	0.8334	0.8679	-0.0346	-0.0345	0.8344	0.85065	-0.01625	0.842525
1	b	0.7142	0.9467	0.9897	1.2303	-0.2325	-0.2406	0.83045	1.11	-0.27955	0.970225
2	b	-0.5707	-0.5324	-0.5998	-0.5611	-0.0383	-0.0387	-0.55155	-0.58045	0.0289	-0.566
4	b	2.9485	4.0611	3.1276	4.2462	-1.1126	-1.1186	3.5048	3.6869	-0.1821	3.59585
5	b	0.3545	0.3443	0.3736	0.3641	0.0102	0.0095	0.3494	0.36885	-0.01945	0.359125
1	c	-0.8175	-0.817	-0.6654	-0.6634	-0.0005	-0.002	-0.81725	-0.6644	-0.15285	-0.740825
2	c	-0.7163	-0.7089	-0.7442	-0.736	-0.0074	-0.0082	-0.7126	-0.7401	0.0275	-0.72635
4	c	5.9732	3.8316	6.1623	4.0118	2.1416	2.1505	4.9024	5.08705	-0.18465	4.994725
5	c	-0.3595	-0.3391	-0.333	-0.3122	-0.0204	-0.0208	-0.3493	-0.3226	-0.0267	-0.33595

z-translation						Within double-examinations (intra)				Between double-examinations (inter)	
Cadaver foot	wedge	wtz_n1abc1	wt_n1abc2	wtz_n2abc1	wtz_n2abc2	diff_n1abc	diff_n2abc	avg_n1abc	avg_n2abc	diff_n1n2	avg_n1n2
1	a	-3.0923	-3.1527	-3.46	-3.519	0.0604	0.059	-3.1225	-3.4895	0.367	-3.306
2	a	0.0354	0.0092	0.1058	0.0793	0.0262	0.0265	0.0223	0.09255	-0.07025	0.057425
4	a	-2.2742	-2.2001	-2.1633	-2.0891	-0.0741	-0.0742	-2.23715	-2.1262	-0.11095	-2.181675
5	a	-3.4245	-3.4969	-3.297	-3.3696	0.0724	0.0726	-3.4607	-3.3333	-0.1274	-3.397
1	b	-2.3884	-2.6167	-2.7875	-3.0026	0.2283	0.2151	-2.50255	-2.89505	0.3925	-2.6988
2	b	0.3807	0.424	0.4516	0.4948	-0.0433	-0.0432	0.40235	0.4732	-0.07085	0.437775
4	b	-3.4203	-2.8942	-3.3108	-2.7787	-0.5261	-0.5321	-3.15725	-3.04475	-0.1125	-3.101
5	b	-1.6796	-1.8152	-1.5516	-1.6874	0.1356	0.1358	-1.7474	-1.6195	-0.1279	-1.68345
1	c	0.9996	0.9608	0.524	0.4834	0.0388	0.0406	0.9802	0.5037	0.4765	0.74195
2	c	0.1905	0.1913	0.2621	0.2629	-0.0008	-0.0008	0.1909	0.2625	-0.0716	0.2267
4	c	-3.1392	-4.0531	-3.0195	-3.9427	0.9139	0.9232	-3.59615	-3.4811	-0.11505	-3.538625
5	c	-0.0479	-0.0674	0.0793	0.0595	0.0195	0.0198	-0.05765	0.0694	-0.12705	0.005875

x-rotation						Within double-examinations (intra)				Between double-examinations (inter)	
Cadaver foot	wedge	wrx_n1abc1	wrx_n1abc2	wrx_n2abc1	wrx_n2abc2	diff_n1abc	diff_n2abc	avg_n1abc	avg_n2abc	diff_n1n2	avg_n1n2
1	a	3.8416	4	4.126	4.2809	-0.1584	-0.1549	3.9208	4.20345	-0.28265	4.062125
2	a	-0.2614	-0.0147	-0.5848	-0.3385	-0.2467	-0.2463	-0.13805	-0.46165	0.3236	-0.29985
4	a	4.958	5.1642	4.9396	5.148	-0.2062	-0.2084	5.0611	5.0438	0.0173	5.05245
5	a	5.9533	5.7865	5.9533	5.9834	0.1668	-0.0301	5.8699	5.96835	-0.09845	5.919125
1	b	2.2554	1.7802	2.6364	2.0947	0.4752	0.5417	2.0178	2.36555	-0.34775	2.191675
2	b	-0.7127	-1.0583	-1.066	-1.4152	0.3456	0.3492	-0.8855	-1.2406	0.3551	-1.06305
4	b	7.6241	8.2094	7.6004	8.204	-0.5853	-0.6036	7.91675	7.9022	0.01455	7.909475
5	b	1.636	1.7987	1.8049	1.9581	-0.1627	-0.1532	1.71735	1.8815	-0.16415	1.799425
1	c	-2.2673	-1.9319	-1.5717	-1.2285	-0.3354	-0.3432	-2.0996	-1.4001	-0.6995	-1.74985
2	c	-0.1656	-0.081	-0.5014	-0.42	-0.0846	-0.0814	-0.1233	-0.4607	0.3374	-0.292
4	c	10.3247	9.7975	10.3244	9.7779	0.5272	0.5465	10.0611	10.05115	0.00995	10.056125
5	c	-4.126	-3.2798	-3.967	-3.1218	-0.8462	-0.8452	-3.7029	-3.5444	-0.1585	-3.62365

y-rotation						Within double-examinations (intra)				Between double-examinations (inter)	
Cadaver foot	wedge	wry_n1abc1	wry_n1abc2	wry_n2abc1	wry_n2abc2	diff_n1abc	diff_n2abc	avg_n1abc	avg_n2abc	diff_n1n2	avg_n1n2
1	a	-8.5057	-9.0611	-9.9751	-10.5319	0.5554	0.5568	-8.7834	-10.2535	1.4701	-9.51845
2	a	-1.1965	-1.1353	-1.2596	-1.1913	-0.0612	-0.0683	-1.1659	-1.22545	0.05955	-1.195675
4	a	-1.5159	-1.2774	-1.0231	-0.7866	-0.2385	-0.2365	-1.39665	-0.90485	-0.4918	-1.15075
5	a	-6.9658	-7.6066	-6.1054	-6.7489	0.6408	0.6435	-7.2862	-6.42715	-0.85905	-6.856675
1	b	-7.3159	-8.5661	-8.8261	-10.043	1.2502	1.2169	-7.941	-9.43455	1.49355	-8.687775
2	b	0.0922	0.2413	0.0129	0.1539	-0.1491	-0.141	0.16675	0.0834	0.08335	0.125075
4	b	-1.807	-0.0134	-1.3407	0.4471	-1.7936	-1.7878	-0.9102	-0.4468	-0.4634	-0.6785
5	b	-6.1892	-5.6469	-5.3876	-4.8423	-0.5423	-0.5453	-5.91805	-5.11495	-0.8031	-5.5165
1	c	-1.613	-1.6952	-3.2565	-3.3403	0.0822	0.0838	-1.6541	-3.2984	1.6443	-2.47625
2	c	-0.7134	-0.5753	-0.7845	-0.6444	-0.1381	-0.1401	-0.64435	-0.71445	0.0701	-0.6794
4	c	0.5615	-1.3847	1.0006	-0.9415	1.9462	1.9421	-0.4116	0.02955	-0.44115	-0.191025
5	c	-5.3496	-5.3961	-4.6326	-4.6661	0.0465	0.0335	-5.37285	-4.64935	-0.7235	-5.0111

z-rotation						Within double-examinations (intra)				Between double-examinations (inter)	
Cadaver foot	wedge	wrz_n1abc1	wrz_n1abc2	wrz_n2abc1	wrz_n2abc2	diff_n1abc	diff_n2abc	avg_n1abc	avg_n2abc	diff_n1n2	avg_n1n2
1	a	-0.8768	-0.8438	-1.5489	-1.538	-0.033	-0.0109	-0.8603	-1.54345	0.68315	-1.201875
2	a	0.9896	0.6871	1.1063	0.8045	0.3025	0.3018	0.83835	0.9554	-0.11705	0.896875
4	a	-2.4579	-2.3559	-3.3329	-3.2326	-0.102	-0.1003	-2.4069	-3.28275	0.87585	-2.844825
5	a	-2.4018	-2.4952	-2.4475	-2.5369	0.0934	0.0894	-2.4485	-2.4922	0.0437	-2.47035
1	b	0.512	-0.5477	-0.0634	-1.1552	1.0597	1.0918	-0.01785	-0.6093	0.59145	-0.313575
2	b	3.1068	3.0769	3.2259	3.1957	0.0299	0.0302	3.09185	3.2108	-0.11895	3.151325
4	b	-1.4678	-6.0025	-2.3663	-6.9054	4.5347	4.5391	-3.73515	-4.63585	0.9007	-4.1855
5	b	-1.4164	-1.2553	-1.4407	-1.2829	-0.1611	-0.1578	-1.33585	-1.3618	0.02595	-1.348825
1	c	5.2784	5.4192	5.019	5.1467	-0.1408	-0.1277	5.3488	5.08285	0.26595	5.215825
2	c	4.7284	4.7108	4.8464	4.8293	0.0176	0.0171	4.7196	4.83785	-0.11825	4.778725
4	c	-11.0052	-1.8879	0	-2.8044	-9.1173	2.8044	-6.44655	-1.4022	-5.04435	-3.924375
5	c	-1.397	-1.2028	-1.3987	-1.2069	-0.1942	-0.1918	-1.2999	-1.3028	0.0029	-1.30135

NB! Please note that cadaver foot no 3 is excluded due to high condition number in the CC joint.