

## Original data of the paper

This supplemental file is the original data for the 168 patients enrolled in the manuscript during preoperative and postoperative follow-up, which contains patient ID,functional outcome																			R3,R6(Knee range of motion at 3,6 months postoperatively)							
,sarcopenia,age,affect side,cardiac disease,hypertensive disease,diabetes,hyperlipidemia,bmi,grip strength,tmCSA/ BW,albumin,hemoglobin,AO type,wait time for surgery,etal.																			HSS3,HSS6(HSS score at 3,6 months postoperatively)							
Number	Patient ID	Functional outcome	Sarcopenia	Age	≥ 70y	Sex	Affect side	Cardiac disease	Hypertensive disease	Diabetes	Hyperlipidemia	Bmi	Grip strength	tmCSA/ BW	Albumin	Hemoglobin	Wait time for surgery	AO	R3	R6	HSS 3	HSS 6	IS	BP	CA	LFA
1	1250859	bad	yes	81	yes	male	left	no	yes	no	no	17.21	20.4	1.27	41	134.6	4	3	83.38	92.83	64	68	1.14	0.74	-5.15	6.73
2	1280273	good	no	63	no	male	right	yes	no	yes	no	23.31	25.8	1.6	42.7	154	1	3	73.24	79.79	83	92	0.97	1.11	5.03	4.88
3	1290430	bad	yes	84	yes	female	right	no	yes	yes	no	19.53	10.5	1.22	38.4	105	3	1	77.59	85.38	59	65	1.15	0.66	-2.28	8.32
4	1290491	good	no	63	no	female	left	no	no	no	yes	22.04	23.4	1.42	45.5	135	1	2	83.79	88.07	80	86	0.96	0.93	3.98	5.06
5	1291468	good	no	61	no	female	right	no	no	yes	no	32.79	21.2	1.18	40.2	126	4	3	79.24	82.41	85	94	0.9	0.94	-3.55	7.38
6	1298717	bad	yes	74	yes	female	left	no	no	no	no	20.81	13.7	1.24	37.9	107	2	2	77.03	86.14	71	78	1.48	1.05	4.05	8.45
7	1309677	bad	yes	90	yes	male	right	yes	yes	no	no	23.44	11.2	1.23	35.4	117	4	3	73.03	81.52	58	66	1	0.87	7.31	12.83
8	1310910	good	no	62	no	male	right	yes	yes	no	yes	37.11	34.6	1.6	43	148	5	3	70.55	79.59	79	86	0.87	0.86	-5.08	9.48
9	1310912	good	no	63	no	female	right	no	no	no	yes	20.83	22.3	1.26	44.3	127	5	3	83.03	88.9	81	87	0.97	0.93	-4.39	9.27
10	1319040	bad	yes	69	no	female	right	no	no	no	yes	18.73	12.3	1.23	45.1	138	5	1	85.79	90.07	72	74	1.01	0.81	6.79	5.26
11	1325781	good	no	78	yes	female	right	no	yes	no	no	22.83	15.8	1.32	38.3	111	3	3	74.69	83.66	74	81	0.97	0.83	-3.43	14.71
12	1329822	bad	no	69	no	male	left	no	yes	no	no	21.22	25.2	1.61	32.9	135	1	3	77.79	83.79	72	77	0.98	0.83	6.02	6.93
13	1338560	good	no	60	no	female	left	no	no	no	no	23.88	25.8	1.28	45.7	121	4	3	80.48	84.41	87	97	0.75	0.99	6.69	2.15
14	1340350	good	no	60	no	female	right	no	yes	no	no	25.72	23.4	1.34	41.1	129	1	3	82.97	89.38	88	96	0.84	0.76	-6.73	10.46
15	1343665	good	no	77	yes	female	left	no	yes	no	no	22.03	17.2	1.32	44	119	4	3	74.97	82.62	75	81	1.22	0.9	-5.65	7.12
16	1349370	bad	yes	64	no	female	left	yes	no	no	no	20.58	15.9	1.21	41	122	2	3	79.45	88.76	76	78	0.93	0.86	1.6	2.65
17	1349859	good	no	65	no	female	left	no	no	yes	no	24.89	22.7	1.25	39	118	5	3	81.52	87.72	83	85	0.99	0.81	5.14	4.76
18	1351467	good	no	69	no	female	left	no	no	yes	no	20.4	19.5	1.6	44	110	2	3	82.41	86.28	77	85	0.73	0.58	5.48	9.24
19	1351286	good	no	76	yes	female	left	no	no	no	no	20.8	19.8	1.22	45.5	135	1	3	75.31	82	68	81	1.11	1.08	6.68	5.26
20	1352667	good	no	62	no	male	left	yes	yes	no	no	23.14	36.4	1.72	41.7	144	3	2	80.28	86.07	80	90	0.96	0.85	-4.56	6.12
21	1354821	good	no	63	no	female	left	no	no	no	no	28.13	21.5	1.28	46.1	136	2	3	69.72	76.07	82	92	0.81	0.76	8.04	8.11
22	1358306	bad	no	68	no	male	right	no	yes	no	no	22.49	35.6	1.35	40.5	146	3	3	75.72	82.9	72	76	1.05	0.67	-2.12	3.18
23	1359575	good	no	61	no	female	left	yes	no	no	yes	25.4	22.9	1.32	47	151	3	3	77.59	83.93	83	89	0.72	1.09	4.58	6.63
24	1359704	good	no	62	no	male	right	no	no	yes	yes	27.68	37.3	1.4	42.2	158	3	3	82.21	89.86	79	86	0.76	0.78	3.39	3.45
25	1363889	good	no	62	no	female	left	no	no	no	no	21.48	23.2	1.32	44.7	150	3	1	83.17	90.48	71	81	1.02	0.95	6.67	4.12
26	1365687	good	no	70	yes	female	left	yes	no	no	no	24.03	18.4	1.32	41.1	110	3	3	75.31	79.59	76	83	0.84	0.79	-0.98	5.64
27	1368393	good	no	61	no	female	right	no	no	yes	yes	23.44	20.3	1.38	43.6	152	3	3	79.52	86.83	80	86	1.02	0.99	4.34	3.08
28	1370529	good	no	62	no	female	left	yes	no	no	yes	24.22	17.8	1.26	49.8	115	5	3	80.48	86.07	80	90	0.96	0.67	-4.82	6.34
29	1375080	bad	yes	85	yes	female	left	no	yes	yes	yes	16.65	12.4	1.25	44.2	121	3	3	87.31	90.62	62	68	1.03	0.83	5.88	8.26
30	1377364	good	yes	64	no	male	right	yes	no	no	no	20.76	20.6	1.4	40.6	151	4	3	77.59	85.59	83	86	1.13	1.05	2.82	7.86
31	1377411	bad	yes	67	no	female	left	yes	no	yes	no	19.53	15.1	1.23	40.2	122	3	3	74.28	83.1	71	76	0.98	0.82	3.05	4.18
32	1378576	good	no	61	no	female	left	yes	yes	yes	no	24.84	23.5	1.32	40.9	125	2	1	77.38	81.03	85	93	0.81	1.11	4.3	6.94
33	1378636	good	yes	60	no	female	left	no	no	no	yes	17.58	13.7	1.25	43	116	4	1	82.62	88.48	79	82	0.8	0.85	-3.93	5.29
34	1378666	good	no	61	no	female	left	no	no	no	no	24.65	21.4	1.46	43.3	124	3	1	82	86.97	85	91	0.95	0.68	5.02	5.93
35	1380991	good	no	60	no	male	right	yes	no	no	no	24.93	34.5	1.59	39.7	151	1	3	80.76	90.55	89	94	0.98	0.88	-3.06	7.64
36	1381811	bad	no	63	no	female	left	no	no	no	no	19.05	22.3	1.35	47.9	137	1	3	84.69	89.66	72	76	0.93	0.76	3.48	9.16
37	1386510	good	no	61	no	female	right	no	no	no	yes	26.18	19.1	1.28	43.7	148	2	3	73.31	78.34	85	94	1.2	0.84	2.33	6.97
38	1389678	good	yes	60	no	female	right	no	no	no	no	19.53	17.2	1.21	44.3	128	5	3	77.38	82.62	82	85	0.77	1.22	4.16	9.85
39	1392523	good	no	63	no	male	left	no	no	yes	no	31.35	30.4	1.37	47.6	158	4	3	74.62	79.86	83	96	1.2	0.97	0.22	10.12
40	1394612	good	no	64	no	male	left	no	no	no	no	25.39	33.9	1.6	43.2	135	4	3	74.28	82.21	76	85	1.23	0.82	4.13	3.49
41	1397633	good	no	60	no	male	left	no	no	yes	no	26.3	36.7	1.36	43.4	134	4	2	72.41	76.9	88	96	1.35	0.78	-2.99	4.75

Number	Patient ID	Functional outcome	Sarcopenia	Age	≥ 70y	Sex	Affect side	Cardiac disease	Hypertensive disease	Diabetes	Hyperlipidemia	Bmi	Grip strength	tmCSA/BW	Albumin	Hemoglobin	Wait time for surgery	AO	R3	R6	HSS 3	HSS 6	IS	BP	CA	LFA
42	1398175	good	no	76	yes	female	left	yes	no	no	no	24.44	15.3	1.28	42.6	138	1	1	76.62	83.38	75	84	0.91	0.92	6.66	9.18
43	1401149	bad	yes	70	yes	female	left	no	no	no	no	20	10.3	1.22	46.5	129	4	3	68.14	77.17	61	67	0.84	0.77	-3.35	5.64
44	1399585	good	no	71	yes	female	right	yes	yes	no	no	28	18.6	1.37	41.7	135	1	3	72.07	79.79	77	82	1.1	0.9	6.66	10.28
45	1401346	good	no	61	no	female	left	no	no	no	yes	26.93	18.5	1.26	43.2	148	1	3	73.38	77.59	80	90	0.75	0.87	0.15	8.42
46	1402769	bad	no	65	no	female	left	no	no	no	no	18.9	16.2	1.49	41.3	117	2	1	82.83	92.21	70	80	1.23	0.71	4.9	5.36
47	1403349	good	no	63	no	female	left	no	no	no	no	19.95	19.7	1.24	42.7	126	2	3	81.72	93.03	74	83	1.13	0.78	-1.99	9.98
48	1404488	good	no	63	no	female	left	no	no	no	no	23.88	22.4	1.35	47.6	146	4	3	80.14	83.66	84	90	0.92	0.77	3.86	6.48
49	1405480	good	no	76	yes	female	left	no	no	yes	no	21.48	13.3	1.4	44.9	132	2	3	76.97	81.66	76	83	1.02	0.9	5.59	7.45
50	1408808	bad	yes	64	no	female	left	yes	yes	no	yes	24.86	13.2	1.11	45.4	153	6	2	69.17	74.76	75	80	1.25	0.71	2.36	5.62
51	1411126	bad	yes	65	no	female	right	no	no	no	no	18.07	17.1	1.24	40.8	117	1	2	79.66	83.17	73	77	0.93	1.09	-1.83	9.82
52	1415155	good	yes	62	no	female	left	no	no	no	no	20.4	12.5	1.24	42.4	135	2	2	77.72	82.21	80	83	0.91	0.71	4.27	2.34
53	1420645	good	no	62	no	female	left	yes	no	yes	yes	24.03	15.1	1.44	41.4	117	2	1	77.66	84.97	81	90	0.79	1.47	-0.04	8.24
54	1422159	good	no	67	no	male	right	yes	no	no	no	21.22	24.3	1.68	43.7	146	5	3	71.93	77.79	71	81	0.87	0.75	4.07	8.65
55	1422163	good	yes	60	no	female	left	no	no	no	no	30.82	13.6	1.07	39.2	135	2	2	72.28	78.69	78	83	1.17	0.56	3.56	6.45
56	1425769	good	no	68	no	female	left	no	no	no	no	20.96	16.3	1.35	40.3	117	2	3	77.24	84.48	73	83	0.88	1.06	3.57	4.32
57	1428133	good	no	60	no	male	left	no	no	yes	yes	24.49	36.7	1.49	42.8	132	4	3	70.69	76.83	87	93	0.85	0.67	5.06	11.45
58	1428952	bad	yes	63	no	male	right	yes	no	no	no	22.84	22.8	1.24	39.3	156	4	3	77.03	81.1	73	79	0.8	1.54	5.11	4.75
59	1429359	good	no	63	no	male	left	no	no	no	yes	26.99	33.3	1.59	49.3	140	1	3	78.07	84.97	82	92	1.15	0.72	-4.74	10.37
60	1429837	good	no	63	no	female	left	yes	no	no	yes	25.4	20.5	1.28	47	151	3	3	79.79	87.45	94	96	0.84	1.32	3.76	6.4
61	1431246	good	no	61	no	male	right	no	no	yes	yes	31.14	27.4	1.28	42.2	158	3	2	77.86	83.79	92	96	0.8	1.02	3.32	12.76
62	1432170	good	no	64	no	female	left	no	no	yes	yes	23.24	16.8	1.37	41.1	126	1	3	81.66	89.38	86	95	0.91	1.09	-3.13	7.26
63	1432586	good	no	63	no	male	left	no	no	no	no	26.83	35.2	1.62	44	133	4	1	78.76	88.34	80	86	0.98	0.96	-3.82	6.54
64	1434082	good	no	61	no	female	left	no	no	no	no	19.53	15.7	1.44	42.2	135	4	2	82.41	90.97	74	84	0.88	0.75	4.7	8.16
65	1434359	good	no	62	no	female	right	no	no	no	no	22.04	20.3	1.29	48.3	124	2	3	76.28	85.1	81	93	1.02	0.99	4.61	7.73
66	1434764	bad	no	60	no	male	left	yes	no	no	no	29.32	38.5	1.6	44.2	147	2	3	72.48	80.21	70	80	0.96	0.9	-4.06	5.12
67	1436578	good	no	66	no	female	left	yes	no	no	no	23.66	18.1	1.22	47.2	132	1	3	77.72	85.93	84	93	0.97	1.06	5.74	3.46
68	1436758	bad	yes	68	no	female	left	yes	no	no	no	19.53	16.4	1.21	41.8	133	5	3	78.83	87.38	61	67	0.98	0.93	1.37	8.2
69	1437148	bad	yes	80	yes	female	right	no	yes	no	no	24.82	15.1	1.12	41	110	3	3	70.48	76.69	75	79	1.07	0.82	-5.93	7.41
70	1437458	good	no	63	no	male	right	no	no	no	yes	27.92	33.8	1.19	39.4	138	1	3	71.38	78.69	88	95	0.71	1.16	-1.94	3.59
71	1438979	good	no	67	no	male	left	no	no	no	yes	24.51	24.3	1.21	41.3	152	3	3	76.48	83.24	76	83	1.02	0.76	2.5	5.1
72	1439505	good	no	68	no	male	left	no	no	no	no	23.15	25.9	1.33	43.1	129	6	3	77.52	86.62	75	82	0.72	1.12	5.72	4.07
73	1440078	bad	yes	86	yes	female	left	no	no	no	yes	16.44	13.2	1.25	41.3	119	2	3	75.79	82	56	63	0.98	0.75	1.83	5.35
74	1440252	bad	no	67	no	female	left	no	yes	yes	no	39.45	19.6	1.05	41.3	124	3	1	73.45	78.07	77	80	1.11	1.15	-0.02	3.75
75	1442294	bad	yes	79	yes	female	right	yes	no	yes	yes	22.22	14.7	1.23	39.2	104	1	1	76.28	82.9	60	68	1.13	0.96	4.26	5.26
76	1447291	good	no	61	no	male	right	yes	yes	no	no	19.66	35.8	1.67	39.7	151	1	3	83.24	90.34	72	82	1.06	0.83	-1.15	7.32
77	1447375	good	no	61	no	male	left	no	yes	no	no	23.89	37.2	1.6	42.4	139	3	3	74.34	83.72	90	94	0.88	0.85	-2.37	8.55
78	1447622	good	yes	70	yes	male	left	no	no	no	no	24.49	21.3	1.25	37.9	158	2	3	75.38	80.9	78	84	0.91	0.77	2.95	11.37
79	1447612	good	no	69	no	female	left	no	yes	yes	no	22.03	14.5	1.22	41.1	119	2	3	66.48	72.62	76	81	1.07	0.92	5	6.58
80	1447732	good	no	60	no	female	right	no	no	yes	no	21.48	21.1	1.48	46.3	142	5	3	82.62	88.62	93	96	1.56	1.4	-3.82	6.32
81	1453374	bad	no	64	no	male	right	yes	yes	no	no	16.65	31.4	1.56	37.5	104	2	1	82.97	90.28	68	74	1.29	1.11	2.72	2.66
82	1453821	good	no	61	no	female	left	no	no	no	no	21.19	19.5	1.32	46	127	1	3	77.66	83.93	89	96	1.02	1.02	-3.01	8.08
83	1454506	good	no	60	no	female	left	no	yes	no	yes	19.78	20.9	1.45	49.9	144	1	1	84.21	90.76	75	86	0.85	1.03	-1.43	3.25
84	1455242	good	no	72	yes	female	left	no	no	yes	no	29.69	16.7	1.04	45.1	124	4	3	78.28	81.52	75	87	0.84	0.93	4.35	12.37
85	1456366	good	yes	60	no	female	right	no	no	no	no	17.97	11.6	1.25	41.5	122	2	3	87.03	91.66	81	88	1.02	1.06	4.49	8.48
86	1456992	bad	yes	79	yes	male	right	no	no	no	no	18.29	18.7	1.5	37	129	5	3	75.66	84.41	71	72	1.17	0.89	5.41	3.28
87	1458449	bad	yes	66	no	female	left	yes	yes	yes	no	19.92	13.3	1.24	39.3	130	1	1	85.03	89.38	75	78	1.1	0.7	3.92	8.42
88	1461896	good	no	69	no	male	left	no	no	no	yes	24.49	31	1.15	43.7	144	6	3	79.17	83.1	78	84	1.06	0.99	-2.93	6.54

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89	1462223	good	no	68	no	female	left	no	yes	no	no	25.61	14.9	1.28	40.6	147	1	1	74.83	81.86	72	82	0.91	0.91	5.19	6.27
90	1464275	good	no	82	yes	female	left	no	no	yes	no	22.55	18.4	1.46	42.4	137	6	3	72.07	80.97	82	91	1.14	0.75	4.41	6.81
91	1466065	good	no	61	no	female	right	no	no	no	no	25.71	20.1	1.28	39.1	108	4	1	73.93	80.21	74	83	1.12	0.99	2.42	5.2
92	1467739	good	yes	61	no	female	left	yes	no	no	no	20.2	13.5	1.23	41.2	137	2	3	73.52	82.41	80	83	1.04	1.08	2.15	3.46
93	1471112	good	no	60	no	male	left	no	no	yes	yes	20.52	29.3	1.7	41.5	133	1	3	86.41	91.38	86	94	0.98	0.88	5.62	8.55
94	1473652	bad	yes	69	no	female	right	no	no	no	no	16.44	11.8	1.25	35	120	1	3	76.07	82.83	70	76	0.91	0.9	-3.29	6.25
95	1474880	bad	no	63	no	male	left	no	no	no	no	24.22	34.6	1.65	36.7	144	3	3	77.79	84.97	69	76	1.14	0.91	4.96	5.31
96	1476317	bad	no	76	yes	female	right	no	no	no	yes	21.5	17.1	1.22	37.9	137	4	2	70.83	77.17	68	79	1.12	1.18	5.05	7.2
97	1476802	good	no	63	no	female	right	yes	no	no	yes	27.01	20.2	1.27	40	129	3	1	77.31	84.62	84	92	1.04	0.93	5.51	7.85
98	1479952	good	no	69	no	female	left	no	no	yes	yes	28	15.2	1.59	41.3	140	1	3	76.83	83.79	83	91	1.22	0.75	-4.02	9.46
99	1483943	good	no	68	no	female	right	no	yes	no	no	22.27	21.1	1.24	41.4	125	2	1	71.17	78.41	80	87	0.95	1.51	5.59	5.36
100	1487936	good	no	68	no	male	right	no	yes	no	no	21.72	29.1	1.74	45.5	149	1	3	72.55	77.45	85	92	0.83	0.93	-3.93	6.29
101	1488462	bad	no	61	no	male	left	no	no	yes	no	24.98	33.2	1.61	37.6	148	2	2	78.83	83.03	70	79	1.03	0.71	5.91	8.32
102	1488539	good	no	60	no	male	left	no	no	no	no	21.08	36.9	1.76	42.7	147	2	3	81.1	88.69	81	94	0.96	0.88	-1.13	3.54
103	1489862	bad	no	70	yes	female	left	no	no	no	yes	21.63	17.3	1.45	45.2	130	3	3	77.59	81.45	75	79	0.9	0.76	6.57	6.87
104	1491003	bad	yes	71	yes	male	right	yes	no	yes	no	23.05	18.1	1.29	41.7	144	5	3	74.69	81.86	72	80	0.9	1.14	2.88	5.3
105	1495615	bad	yes	72	yes	female	right	no	yes	yes	no	23.11	11.3	1.21	37.6	122	2	3	67.93	75.59	65	67	1.06	0.87	5.21	6.75
106	1496435	good	no	62	no	female	left	no	no	no	no	21.83	19.5	1.23	47.1	133	1	3	84.07	92.9	91	96	1.12	0.96	-4.46	4.34
107	1497785	good	no	61	no	female	left	no	no	no	yes	23.31	25	1.31	48.3	138	1	3	79.86	85.03	93	98	0.85	0.96	4.67	5.26
108	1498745	bad	no	60	no	female	left	yes	no	no	no	20.2	20.9	1.63	33.9	114	3	3	82.28	90.69	68	76	1.08	0.81	5.18	2.98
109	1499170	good	yes	65	no	male	left	no	no	no	no	18.59	23.4	1.57	35.1	145	1	3	82.28	88.55	79	85	1.1	0.97	7.13	3.76
110	1502285	good	no	61	no	female	left	no	no	no	yes	23.42	20.1	1.36	44.6	129	2	3	78.76	86.07	89	92	0.78	1.18	-3.13	4.26
111	1502191	good	no	61	no	female	left	no	no	no	no	20.31	18.7	1.22	37.6	131	2	3	84.69	94.21	86	94	1.02	0.73	5.65	7.11
112	1503506	good	no	64	no	female	left	yes	no	no	no	24.16	13.4	1.27	44.3	129	1	1	77.86	82.34	83	92	0.98	0.81	3.49	8.27
113	1503858	bad	no	67	no	male	right	no	yes	no	no	23.36	25.9	1.61	35.8	155	1	3	76.21	84.48	65	75	1.12	0.86	6.27	4.4
114	1504705	bad	yes	77	yes	female	left	yes	no	no	no	19.92	13.8	1.22	35.6	114	3	1	80.97	84.97	66	72	1.08	0.79	-5.31	5.43
115	1505007	good	no	73	yes	female	left	yes	yes	no	no	20.28	16.6	1.37	49.1	138	1	2	76.97	81.52	76	83	1.12	0.9	7.55	3.63
116	1508984	good	no	65	no	female	left	no	no	no	no	21.09	15.7	1.46	40	124	3	2	72.62	79.1	87	94	1.02	0.85	4.69	6.23
117	1510544	good	no	60	no	male	left	no	no	no	yes	23.04	35.8	1.63	43.3	140	4	1	84.62	92.48	86	92	1.04	0.93	-5.06	7.85
118	1511551	good	no	61	no	female	left	yes	yes	no	no	22.13	15.8	1.42	35.5	119	2	3	77.24	84.76	72	84	1.22	0.86	7.16	5.23
119	1514963	good	no	75	yes	male	left	no	no	no	no	19.61	32.1	1.48	36.7	129	3	3	76.83	83.03	75	81	1.21	1.06	-3.35	6.62
120	1517385	good	no	70	yes	female	left	no	yes	yes	no	28.58	14.5	1.26	41.2	130	1	1	75.38	82.41	73	82	0.91	0.71	7.15	7.44
121	1517828	good	no	70	yes	male	left	no	yes	no	yes	25.39	32.2	1.3	38.3	142	3	3	74.07	81.59	71	83	1.17	1.04	0.02	10.65
122	1518282	bad	yes	90	yes	female	left	yes	yes	no	yes	19.23	10.2	1.22	39.7	130	2	2	79.1	82.14	62	69	0.81	0.83	4.9	7.37
123	1522001	good	no	68	no	female	right	yes	yes	no	yes	22.48	20.3	1.17	40.2	105	3	2	81.45	90.48	80	85	1.34	0.86	-1.85	9.32
124	1522777	good	no	60	no	male	left	no	no	no	no	20.02	36.5	1.64	39.7	133	2	3	82.28	89.66	85	93	0.98	0.83	5.73	5.58
125	1523409	good	yes	62	no	male	right	no	no	no	no	20.96	22.4	1.55	38.9	135	3	3	77.66	85.72	76	82	0.82	0.9	-3.83	8.94
126	1524084	good	no	63	no	female	right	no	no	yes	yes	21.91	14.2	1.43	40	118	1	1	83.79	89.17	81	89	0.85	0.83	3.27	5.23
127	1524382	good	no	65	no	female	left	no	no	no	yes	22.43	20.1	1.39	41.9	122	1	3	77.79	84.69	76	82	0.76	0.72	9.15	5.12
128	1526241	good	no	65	no	female	right	no	yes	no	no	22.89	15.4	1.3	37.4	120	2	1	80.9	87.31	78	88	1.18	0.8	8.12	8.52
129	1526864	good	yes	66	no	female	right	no	yes	no	no	21.88	12.6	1.25	44.6	125	1	3	75.52	82.62	78	81	1.04	1.13	3.49	6.37
130	1527174	bad	no	61	no	female	left	no	no	no	no	20.82	18.5	1.34	33.2	111	3	2	82.48	88.76	73	77	0.85	1.02	6.48	7.32
131	1527230	good	no	64	no	female	left	no	yes	yes	no	24.03	21.3	1.34	33.1	95	2	3	78.69	86.34	73	81	1.18	1.12	-2.82	8.57
132	1527312	bad	yes	74	yes	male	left	yes	no	no	no	25.06	16.4	1.08	37.3	139	2	3	68.34	78.28	66	72	0.83	1.05	6.44	16.79
133	1530289	good	no	63	no	female	right	no	no	no	no	19.78	18.2	1.2	34.6	116	2	3	85.17	90.62	88	95	1.04	0.75	7.4	10.51
134	1531547	good	no	62	no	male	right	no	no	no	no	22.6	36.5	1.66	39.8	128	2	3	81.59	86.28	86	91	1.02	0.83	7.99	9.38

Number	Patient ID	Functional outcome	Sarcopenia	Age	≥ 70y	Sex	Affect side	Cardiac disease	Hypertensive disease	Diabetes	Hyperlipidemia	Bmi	Grip strength	tmCSA/BW	Albumin	Hemoglobin	Wait time for surgery	AO	R3	R6	HSS 3	HSS 6	IS	BP	CA	LFA
135	1531080	good	no	65	no	female	right	no	yes	no	yes	19.53	14.8	1.66	37.2	125	1	3	83.59	88.9	91	98	1.16	1.05	-2.46	4.18
136	1530910	good	yes	60	no	male	right	no	no	no	yes	23.24	27.3	1.14	36.4	165	2	3	79.17	83.03	80	84	0.92	0.69	5.07	11.17
137	1534317	good	no	70	yes	female	left	yes	no	no	no	25.39	17.5	1.42	37	127	1	1	72.9	78.83	75	85	0.91	0.83	-3.58	5.41
138	1535519	good	yes	61	no	male	left	no	no	yes	yes	19.72	21.1	1.54	32.2	126	1	2	82.9	90.83	81	82	0.92	0.96	3.15	4.27
139	1536787	good	no	74	yes	male	left	no	no	no	no	24.82	28.5	1.35	33.3	167	2	3	75.59	79.86	76	84	1	0.88	5.31	9.04
140	1537753	good	no	63	no	female	left	yes	yes	no	no	22.23	16.4	1.54	47.9	142	1	3	79.17	86	86	92	0.89	1.12	4.58	7.13
141	1540462	good	no	64	no	male	left	no	yes	no	yes	24.22	32.7	1.62	44.1	174	1	3	80.83	84.48	89	94	0.92	0.93	3.51	13.25
142	1540848	good	no	64	no	male	left	no	no	no	no	17.76	34.5	1.88	33.9	147	2	3	87.1	92.97	91	96	1.17	0.8	-2.62	6.52
143	1542701	good	no	60	no	male	left	no	yes	no	yes	29.4	30.8	1.25	40	143	4	2	77.17	83.72	94	98	0.9	0.77	10.06	4.59
144	1543711	good	no	60	no	male	left	yes	yes	no	no	22.86	23.2	1.59	41.2	151	4	3	80.97	87.38	93	96	1.04	0.96	4.88	4.69
145	417095	good	no	65	no	female	left	no	no	no	no	22.58	21.7	1.35	41.6	127	1	1	72.07	78.07	87	91	0.76	1.14	4.71	8.52
146	417532	good	no	61	no	female	left	no	no	no	no	20.55	20.9	1.23	42.6	120	2	2	84.07	89.31	85	93	0.94	0.82	-3.97	8.87
147	418395	bad	yes	67	no	female	left	no	no	no	no	20.96	11.4	1.17	41.8	119	3	3	77.17	84.55	69	75	0.89	1.11	-3.02	7.3
148	425560	good	no	61	no	male	left	yes	no	no	no	22.49	26.3	1.66	40.3	126	5	3	81.1	87.1	75	84	1.19	0.84	6.58	5.75
149	427804	good	no	67	no	male	left	no	no	no	yes	27.28	28.3	1.63	48	155	3	2	78.48	86.14	78	86	1.04	0.84	-0.89	8.27
150	430304	bad	yes	67	no	male	right	no	yes	no	no	23.03	21.1	1.36	39.5	147	2	3	71.24	77.86	69	71	1.1	0.95	4.9	6.5
151	430879	good	no	60	no	male	right	no	no	yes	no	22.23	35.2	1.64	43.6	142	4	3	77.72	87.45	95	98	0.97	0.79	-3.83	8.87
152	437320	good	yes	69	no	female	left	no	no	no	no	23.44	13.5	1.24	42.6	122	2	1	72.69	77.52	70	84	0.9	1.14	-2.94	7.2
153	437321	bad	no	84	yes	female	left	yes	yes	no	no	29.14	15.8	1.27	43.3	124	2	3	68.07	78.07	68	72	1.03	0.76	4.58	7.74
154	439368	good	no	62	no	female	left	no	no	yes	yes	25.16	23.4	1.21	42.3	121	4	3	80.62	87.31	93	94	1.09	1.12	5.81	12.78
155	441876	good	no	62	no	female	left	no	no	no	no	21.48	18.3	1.31	44.5	126	1	3	83.59	87.66	85	89	0.89	1.02	-1.8	10.49
156	443354	good	no	60	no	male	right	no	no	no	no	26.99	36.4	1.6	41.4	136	1	3	79.86	82.28	87	93	0.95	0.77	-3.39	8.38
157	452980	bad	no	67	no	female	right	no	no	yes	no	27.06	19	1.24	39.2	111	1	2	83.66	92.07	73	80	0.81	0.83	5.55	8.14
158	454450	good	no	60	no	female	left	no	no	no	no	26.67	25.3	1.31	43.2	125	1	1	70.69	79.72	86	90	0.91	0.99	7.68	16.83
159	456742	bad	no	70	yes	male	right	no	yes	no	yes	20.9	31.2	1.62	40.3	148	4	3	80.41	84.76	80	80	0.93	0.7	-4.87	11.51
160	469428	good	no	81	yes	male	right	no	yes	no	no	29.37	34.2	1.62	37.4	123	3	3	74.62	80.97	74	82	1.06	0.94	-5.39	9.27
161	469431	good	yes	61	no	male	right	no	yes	no	no	19.14	22.7	1.54	38.9	124	3	3	85.17	89.31	79	82	1.16	1.08	5.51	4.96
162	472720	good	no	64	no	male	left	no	no	no	no	23.64	31.1	1.69	44.4	127	1	3	83.03	90.14	91	94	0.92	0.72	-3.84	11.71
163	478338	good	no	67	no	female	right	no	yes	no	no	19.53	20.4	1.23	43.7	110	3	3	88.34	92.97	88	91	0.94	0.94	5.02	5.93
164	480338	bad	yes	64	no	female	right	no	yes	no	no	19.53	14.5	1.21	44.4	115	3	2	88.55	92.83	71	78	0.91	0.71	5.27	7.32
165	483590	bad	no	77	yes	male	right	yes	no	no	no	24.21	24.2	1.65	38.2	132	1	2	74.14	81.59	72	79	0.93	0.84	3.47	6.18
166	485568	good	no	70	yes	male	right	no	yes	no	yes	27.68	23.9	1.59	42.6	134	5	3	71.59	76.21	76	84	1.15	0.96	0.27	5.83
167	486498	bad	yes	76	yes	male	left	yes	yes	no	no	22.59	15.3	1.47	40.1	134	1	3	68.48	73.17	63	65	1.14	1.21	-5.69	10.12
168	485605	good	no	60	no	female	left	no	no	yes	yes	19.11	21.6	1.78	40.9	118	6	3	85.31	91.86	87	91	1.25	0.96	-1.53	7.49

IS(Insall-Salvati index)

BP(Blackburne-Peel index)

CA(Congruence angle)

LFA(Lateral patellofemoral angle)