

ภาคผนวก ฉ  
ตารางแสดงข้อมูลสัญญาณไฟฟ้าของ EMG

Average interated EMG results of eight muscles								
Channel	Name	Result for Slope:			Result for Duration:			Hand high
		Run	Restl(uv)	Reftrl(uv)	PeakL(uv)	AverL(uv)	DurT(s)	
1	Chairit	0.3, p1v	274	59	1431	739	5.9	Shoulder
2	Chairit	1	221	15	1546	722	5.9	Shoulder
3	Chairit	1	3	0	21	9	5.9	Shoulder
4	Chairit	1	18	3	74	29	5.9	Shoulder
5	Chairit	1	9	18	274	75	4.5	Shoulder
6	Chairit	1	6	9	260	44	4.5	Shoulder
7	Chairit	1	18	6	130	56	4.5	Shoulder
8	Chairit	1	3	3	12	4	4.5	Shoulder
1	Chairit	0.3, p1h	764	56	1838	913	6.6	Shoulder
2	Chairit	2	743	35	1755	849	6.6	Shoulder
3	Chairit	2	9	3	24	10	6.6	Shoulder
4	Chairit	2	32	3	74	29	6.6	Shoulder
5	Chairit	2	24	12	268	116	4.6	Shoulder
6	Chairit	2	15	15	156	53	4.6	Shoulder
7	Chairit	2	6	3	18	8	4.6	Shoulder
8	Chairit	2	3	3	6	4	4.6	Shoulder
1	Chairit	0.3, p2v	345	829	1487	768	5.5	Shoulder
2	Chairit	3	437	773	1637	763	5.5	Shoulder
3	Chairit	3	6	12	38	11	5.5	Shoulder
4	Chairit	3	9	47	158	28	5.5	Shoulder
5	Chairit	3	3	21	322	56	6.4	Shoulder
6	Chairit	3	6	18	150	26	6.4	Shoulder
7	Chairit	3	3	18	56	13	6.4	Shoulder
8	Chairit	3	3	15	32	6	6.4	Shoulder
1	Chairit	0.3, p2h	186	174	779	417	7.5	Shoulder
2	Chairit	4	266	257	1083	567	7.5	Shoulder
3	Chairit	4	9	12	30	13	7.5	Shoulder
4	Chairit	4	32	32	89	36	7.5	Shoulder
5	Chairit	4	6	21	59	29	6.6	Shoulder
6	Chairit	4	6	18	35	21	6.6	Shoulder
7	Chairit	4	12	6	65	15	6.6	Shoulder
8	Chairit	4	3	3	6	3	6.6	Shoulder
1	Chairit	0.6, p1v	643	646	1460	982	5.1	Shoulder

2	Chairit	5	738	664	1646	927	5.1	Shoulder
3	Chairit	5	6	12	24	12	5.1	Shoulder
4	Chairit	5	27	21	59	34	5.1	Shoulder
5	Chairit	5	15	3	283	101	5.3	Shoulder
6	Chairit	5	18	12	201	61	5.3	Shoulder
7	Chairit	5	35	3	156	59	5.3	Shoulder
8	Chairit	5	3	3	12	5	5.3	Shoulder
1	Chairit	0.6, p1h	460	18	1581	722	6	Shoulder
2	Chairit	6	445	9	1425	671	6	Shoulder
3	Chairit	6	6	3	24	12	6	Shoulder
4	Chairit	6	50	3	50	22	6	Shoulder
5	Chairit	6	32	50	413	148	4.3	Shoulder
6	Chairit	6	9	18	325	106	4.3	Shoulder
7	Chairit	6	27	6	27	7	4.3	Shoulder
8	Chairit	6	3	3	6	3	4.3	Shoulder
1	Chairit	0.6, p2v	466	271	1103	599	3.2	Shoulder
2	Chairit	7	664	327	1196	719	3.2	Shoulder
3	Chairit	7	6	6	35	14	3.2	Shoulder
4	Chairit	7	15	18	97	42	3.2	Shoulder
5	Chairit	7	18	12	204	48	3.8	Shoulder
6	Chairit	7	9	6	118	33	3.8	Shoulder
7	Chairit	7	3	12	142	58	3.8	Shoulder
8	Chairit	7	3	3	21	4	3.8	Shoulder
1	Chairit	0.6, p2h	274	189	1552	605	4.1	Shoulder
2	Chairit	8	286	174	1416	690	4.1	Shoulder
3	Chairit	8	9	6	30	15	4.1	Shoulder
4	Chairit	8	15	15	94	46	4.1	Shoulder
5	Chairit	8	30	9	236	63	5	Shoulder
6	Chairit	8	6	3	165	36	5	Shoulder
7	Chairit	8	21	9	121	49	5	Shoulder
8	Chairit	8	3	6	27	7	5	Shoulder
1	Chairit	0.3, p1v	32	35	333	134	5.4	Elbow
2	Chairit	9	21	21	481	160	5.4	Elbow
3	Chairit	9	21	15	53	21	5.4	Elbow
4	Chairit	9	32	27	177	39	5.4	Elbow
5	Chairit	9	3	15	100	27	4.6	Elbow
6	Chairit	9	3	18	56	20	4.6	Elbow

7	Chairit	9	12	15	410	163	4.6	Elbow
8	Chairit	9	3	3	12	6	4.6	Elbow
1	Chairit	0.3, p1h	215	18	469	254	5.2	Elbow
2	Chairit	10	263	12	679	358	5.2	Elbow
3	Chairit	10	65	6	80	45	5.2	Elbow
4	Chairit	10	100	3	171	72	5.2	Elbow
5	Chairit	10	12	12	115	49	4.6	Elbow
6	Chairit	10	9	9	71	28	4.6	Elbow
7	Chairit	10	15	12	251	128	4.6	Elbow
8	Chairit	10	12	12	97	44	4.6	Elbow
1	Chairit	0.3, p2v	115	59	386	183	6.2	Elbow
2	Chairit	11	62	56	891	234	6.2	Elbow
3	Chairit	11	12	6	153	27	6.2	Elbow
4	Chairit	11	41	18	130	53	6.2	Elbow
5	Chairit	11	6	6	35	16	5.2	Elbow
6	Chairit	11	3	3	35	13	5.2	Elbow
7	Chairit	11	41	50	171	71	5.2	Elbow
8	Chairit	11	3	3	32	8	5.2	Elbow
1	Chairit	0.3, p2h	153	32	764	413	7	Elbow
2	Chairit	12	183	24	923	430	7	Elbow
3	Chairit	12	38	38	133	64	7	Elbow
4	Chairit	12	83	24	171	110	7	Elbow
5	Chairit	12	12	6	32	20	6.6	Elbow
6	Chairit	12	12	6	44	20	6.6	Elbow
7	Chairit	12	86	15	260	175	6.6	Elbow
8	Chairit	12	3	6	32	14	6.6	Elbow
1	Chairit	0.6p1v	165	97	522	282	3.2	Elbow
2	Chairit	13	236	183	805	424	3.2	Elbow
3	Chairit	13	27	12	162	45	3.2	Elbow
4	Chairit	13	41	47	192	73	3.2	Elbow
5	Chairit	13	3	9	410	103	4.5	Elbow
6	Chairit	13	3	9	448	88	4.5	Elbow
7	Chairit	13	9	35	614	326	4.5	Elbow
8	Chairit	13	6	12	21	9	4.5	Elbow
1	Chairit	0.6, p1h	130	9	448	273	5.3	Elbow
2	Chairit	14	77	9	740	381	5.3	Elbow
3	Chairit	14	9	6	77	31	5.3	Elbow

4	Chairit	14	35	6	209	83	5.3	Elbow
5	Chairit	14	6	3	189	44	5.4	Elbow
6	Chairit	14	6	3	71	25	5.4	Elbow
7	Chairit	14	35	3	422	233	5.4	Elbow
8	Chairit	14	6	9	91	14	5.4	Elbow
1	Chairit	0.6, p2v	127	139	832	338	3.6	Elbow
2	Chairit	15	118	189	870	451	3.6	Elbow
3	Chairit	15	9	15	97	36	3.6	Elbow
4	Chairit	15	44	74	207	89	3.6	Elbow
5	Chairit	15	6	6	62	25	4.2	Elbow
6	Chairit	15	6	3	44	18	4.2	Elbow
7	Chairit	15	139	6	342	166	4.2	Elbow
8	Chairit	15	3	0	21	5	4.2	Elbow
1	Chairit	0.6, p2h	103	15	681	376	7.7	Elbow
2	Chairit	16	77	15	888	397	7.7	Elbow
3	Chairit	16	24	3	44	26	7.7	Elbow
4	Chairit	16	38	3	130	87	7.7	Elbow
5	Chairit	16	6	9	32	16	7	Elbow
6	Chairit	16	3	9	35	16	7	Elbow
7	Chairit	16	18	35	354	208	7	Elbow
8	Chairit	16	6	6	12	5	7	Elbow
1	Chairit	0.3, p1v	94	3	617	205	4.8	Hip
2	Chairit	17	27	6	351	138	4.8	Hip
3	Chairit	17	27	3	41	13	4.8	Hip
4	Chairit	17	97	3	136	69	4.8	Hip
5	Chairit	17	3	12	41	16	5.1	Hip
6	Chairit	17	3	6	47	16	5.1	Hip
7	Chairit	17	35	6	286	121	5.1	Hip
8	Chairit	17	9	6	24	10	5.1	Hip
1	Chairit	0.3, p1h	171	44	434	188	5.5	Hip
2	Chairit	18	83	35	410	167	5.5	Hip
3	Chairit	18	30	15	32	13	5.5	Hip
4	Chairit	18	86	41	130	64	5.5	Hip
5	Chairit	18	6	6	38	1517	5	Hip
6	Chairit	18	6	6	38	37	5	Hip
7	Chairit	18	24	21	68	21	5	Hip
8	Chairit	18	12	12	21	12	5	Hip

1	Chairit	0.3, p2v	266	3	546	309	2.8	Hip
2	Chairit	19	127	6	625	262	2.8	Hip
3	Chairit	19	38	9	124	72	2.8	Hip
4	Chairit	19	103	12	245	134	2.8	Hip
5	Chairit	19	9	6	47	19	4.2	Hip
6	Chairit	19	6	6	53	16	4.2	Hip
7	Chairit	19	248	89	407	206	4.2	Hip
8	Chairit	19	9	6	24	12	4.2	Hip
1	Chairit	0.3, p2h	124	139	841	363	7.6	Hip
2	Chairit	20	97	89	856	330	7.6	Hip
3	Chairit	20	53	56	165	64	7.6	Hip
4	Chairit	20	97	50	224	130	7.6	Hip
5	Chairit	20	9	12	30	19	5.6	Hip
6	Chairit	20	12	15	44	20	5.6	Hip
7	Chairit	20	24	97	322	184	5.6	Hip
8	Chairit	20	6	15	50	20	5.6	Hip
1	Chairit	0.6, p1v	30	44	378	87	4.9	Hip
2	Chairit	21	15	24	339	64	4.9	Hip
3	Chairit	21	12	9	80	23	4.9	Hip
4	Chairit	21	35	15	159	52	4.9	Hip
5	Chairit	21	6	0	112	43	4.2	Hip
6	Chairit	21	3	0	83	28	4.2	Hip
7	Chairit	21	9	3	510	203	4.2	Hip
8	Chairit	21	12	3	68	18	4.2	Hip
1	Chairit	0.6, p1h	198	148	628	343	4.7	Hip
2	Chairit	22	71	83	472	190	4.7	Hip
3	Chairit	22	41	24	83	23	4.7	Hip
4	Chairit	22	130	65	263	101	4.7	Hip
5	Chairit	22	3	3	47	24	5.6	Hip
6	Chairit	22	3	3	47	20	5.6	Hip
7	Chairit	22	18	30	316	126	5.6	Hip
8	Chairit	22	12	9	15	11	5.6	Hip
1	Chairit	0.6, p2v	174	97	395	238	3.3	Hip
2	Chairit	23	86	32	378	185	3.3	Hip
3	Chairit	23	47	24	133	76	3.3	Hip
4	Chairit	23	186	100	198	122	3.3	Hip
5	Chairit	23	3	9	44	23	4.7	Hip

6	Chairit	23	3	6	50	23	4.7	Hip
7	Chairit	23	15	15	720	421	4.7	Hip
8	Chairit	23	6	9	18	7	4.7	Hip
1	Chairit	0.6, p2h	139	21	764	415	7	Hip
2	Chairit	24	38	15	923	431	7	Hip
3	Chairit	24	21	15	133	63	7	Hip
4	Chairit	24	56	9	171	112	7	Hip
5	Chairit	24	6	6	30	14	7.7	Hip
6	Chairit	24	6	6	32	13	7.7	Hip
7	Chairit	24	9	18	27	17	7.7	Hip
8	Chairit	24	15	24	65	29	7.7	Hip
1	Soontorn	0.3, p1v	690	263	1089	681	5.4	Shoulder
2	Soontorn	1	502	322	1186	729	5.4	Shoulder
3	Soontorn	1	41	44	71	49	5.4	Shoulder
4	Soontorn	1	18	18	65	40	5.4	Shoulder
5	Soontorn	1	6	0	44	9	6	Shoulder
6	Soontorn	1	3	0	83	9	6	Shoulder
7	Soontorn	1	12	6	44	18	6	Shoulder
8	Soontorn	1	3	3	97	16	6	Shoulder
1	Soontorn	0.3, p1h	301	38	1699	706	4.2	Shoulder
2	Soontorn	2	218	24	965	466	4.2	Shoulder
3	Soontorn	2	21	21	86	38	4.2	Shoulder
4	Soontorn	2	18	6	77	36	4.2	Shoulder
5	Soontorn	2	21	18	44	21	4.9	Shoulder
6	Soontorn	2	9	12	35	14	4.9	Shoulder
7	Soontorn	2	9	6	74	19	4.9	Shoulder
8	Soontorn	2	3	9	35	6	4.9	Shoulder
1	Soontorn	0.3, p2v	266	280	1230	663	6.1	Shoulder
2	Soontorn	3	233	148	1266	587	6.1	Shoulder
3	Soontorn	3	47	83	115	71	6.1	Shoulder
4	Soontorn	3	15	32	106	39	6.1	Shoulder
5	Soontorn	3	3	3	30	12	6.8	Shoulder
6	Soontorn	3	3	3	32	12	6.8	Shoulder
7	Soontorn	3	15	15	53	26	6.8	Shoulder
8	Soontorn	3	3	3	30	7	6.8	Shoulder
1	Soontorn	0.3, p2h	192	257	1018	526	4.3	Shoulder
2	Soontorn	4	130	133	776	389	4.3	Shoulder

3	Soontorn	4	24	65	77	40	4.3	Shoulder
4	Soontorn	4	6	47	121	37	4.3	Shoulder
5	Soontorn	4	9	15	162	25	4.3	Shoulder
6	Soontorn	4	6	12	71	22	4.3	Shoulder
7	Soontorn	4	12	12	71	29	4.3	Shoulder
8	Soontorn	4	3	15	15	3	4.3	Shoulder
1	Soontorn	0.6, p1v	658	493	1614	1184	4.8	Shoulder
2	Soontorn	5	637	316	1741	914	4.8	Shoulder
3	Soontorn	5	35	38	97	33	4.8	Shoulder
4	Soontorn	5	6	24	100	25	4.8	Shoulder
5	Soontorn	5	6	12	56	15	4.9	Shoulder
6	Soontorn	5	3	12	59	12	4.9	Shoulder
7	Soontorn	5	18	3	35	20	4.9	Shoulder
8	Soontorn	5	6	3	18	6	4.9	Shoulder
1	Soontorn	0.6p1h	242	330	2151	939	5.3	Shoulder
2	Soontorn	6	201	168	997	544	5.3	Shoulder
3	Soontorn	6	41	35	156	24	5.3	Shoulder
4	Soontorn	6	18	30	159	36	5.3	Shoulder
5	Soontorn	6	18	15	100	29	6	Shoulder
6	Soontorn	6	12	9	47	19	6	Shoulder
7	Soontorn	6	6	18	71	21	6	Shoulder
8	Soontorn	6	6	6	21	5	6	Shoulder
1	Soontorn	0.6, p2v	622	239	1136	740	3.9	Shoulder
2	Soontorn	7	389	165	1062	577	3.9	Shoulder
3	Soontorn	7	15	62	83	44	3.9	Shoulder
4	Soontorn	7	6	38	68	33	3.9	Shoulder
5	Soontorn	7	3	6	30	13	4.8	Shoulder
6	Soontorn	7	3	6	32	12	4.8	Shoulder
7	Soontorn	7	15	6	47	21	4.8	Shoulder
8	Soontorn	7	3	3	24	6	4.8	Shoulder
1	Soontorn	0.6, p2h	83	91	1112	391	4.9	Shoulder
2	Soontorn	8	91	77	640	260	4.9	Shoulder
3	Soontorn	8	44	38	80	38	4.9	Shoulder
4	Soontorn	8	27	32	192	39	4.9	Shoulder
5	Soontorn	8	9	9	481	61	5.9	Shoulder
6	Soontorn	8	6	9	245	44	5.9	Shoulder
7	Soontorn	8	91	35	266	41	5.9	Shoulder

8	Soontorn	8	3	9	12	7	5.9	Shoulder
1	Soontorn	0.3, p1v	12	15	475	230	5.4	Elbow
2	Soontorn	9	53	53	543	257	5.4	Elbow
3	Soontorn	9	56	56	100	71	5.4	Elbow
4	Soontorn	9	30	35	103	47	5.4	Elbow
5	Soontorn	9	21	3	30	12	4.5	Elbow
6	Soontorn	9	12	3	74	27	4.5	Elbow
7	Soontorn	9	30	27	65	26	4.5	Elbow
8	Soontorn	9	6	3	100	39	4.5	Elbow
1	Soontorn	0.3, p1h	21	35	342	121	5.7	Elbow
2	Soontorn	10	35	35	268	103	5.7	Elbow
3	Soontorn	10	27	27	106	38	5.7	Elbow
4	Soontorn	10	18	35	2121	33	5.7	Elbow
5	Soontorn	10	9	3	218	36	5.7	Elbow
6	Soontorn	10	6	3	124	24	5.7	Elbow
7	Soontorn	10	6	3	230	40	5.7	Elbow
8	Soontorn	10	3	6	9	5	5.7	Elbow
1	Soontorn	0.3, p2v	150	327	1094	492	5.4	Elbow
2	Soontorn	11	133	298	1159	394	5.4	Elbow
3	Soontorn	11	59	41	139	72	5.4	Elbow
4	Soontorn	11	35	32	130	66	5.4	Elbow
5	Soontorn	11	18	0	30	9	6.1	Elbow
6	Soontorn	11	12	0	27	9	6.1	Elbow
7	Soontorn	11	24	3	86	25	6.1	Elbow
8	Soontorn	11	30	9	112	50	6.1	Elbow
1	Soontorn	0.3, p2h	53	12	472	170	4.6	Elbow
2	Soontorn	12	30	12	384	138	4.6	Elbow
3	Soontorn	12	50	27	103	59	4.6	Elbow
4	Soontorn	12	30	30	74	48	4.6	Elbow
5	Soontorn	12	12	9	35	11	6.1	Elbow
6	Soontorn	12	9	6	44	13	6.1	Elbow
7	Soontorn	12	83	0	180	31	6.1	Elbow
8	Soontorn	12	9	0	27	11	6.1	Elbow
1	Soontorn	0.6, p1v	345	118	1832	674	4.1	Elbow
2	Soontorn	13	159	50	1189	539	4.1	Elbow
3	Soontorn	13	62	24	204	109	4.1	Elbow
4	Soontorn	13	41	41	248	101	4.1	Elbow

5	Soontorn	13	3	3	50	14	5.4	Elbow
6	Soontorn	13	3	0	50	16	5.4	Elbow
7	Soontorn	13	18	3	198	66	5.4	Elbow
8	Soontorn	13	18	6	62	26	5.4	Elbow
1	Soontorn	0.6, p1h	18	15	1242	185	6.7	Elbow
2	Soontorn	14	35	15	333	81	6.7	Elbow
3	Soontorn	14	35	6	162	32	6.7	Elbow
4	Soontorn	14	12	9	230	31	6.7	Elbow
5	Soontorn	14	6	0	416	48	6.8	Elbow
6	Soontorn	14	3	3	177	34	6.8	Elbow
7	Soontorn	14	18	21	723	42	6.8	Elbow
8	Soontorn	14	3	6	18	6	6.8	Elbow
1	Soontorn	0.6, p2v	24	41	1018	388	6	Elbow
2	Soontorn	15	44	74	1074	373	6	Elbow
3	Soontorn	15	41	62	204	81	6	Elbow
4	Soontorn	15	15	18	162	66	6	Elbow
5	Soontorn	15	3	3	292	61	5.6	Elbow
6	Soontorn	15	3	6	504	114	5.6	Elbow
7	Soontorn	15	12	12	325	89	5.6	Elbow
8	Soontorn	15	9	12	327	86	5.6	Elbow
1	Soontorn	0.6, p2h	168	83	1162	369	5.7	Elbow
2	Soontorn	16	165	68	398	183	5.7	Elbow
3	Soontorn	16	56	53	177	70	5.7	Elbow
4	Soontorn	16	24	68	215	53	5.7	Elbow
5	Soontorn	16	6	18	381	25	6.4	Elbow
6	Soontorn	16	3	21	266	24	6.4	Elbow
7	Soontorn	16	24	109	224	62	6.4	Elbow
8	Soontorn	16	6	9	24	7	6.4	Elbow
1	Soontorn	0.3, p1v	24	136	988	427	5.6	hip
2	Soontorn	17	50	115	903	371	5.6	hip
3	Soontorn	17	44	53	112	58	5.6	hip
4	Soontorn	17	44	41	133	73	5.6	hip
5	Soontorn	17	27	6	38	16	6.5	hip
6	Soontorn	17	12	6	83	33	6.5	hip
7	Soontorn	17	27	9	124	47	6.5	hip
8	Soontorn	17	53	15	245	127	6.5	hip
1	Soontorn	0.3, p1h	12	21	617	179	5.3	hip

2	Soontorn	18	24	47	502	172	5.3	hip
3	Soontorn	18	47	44	183	88	5.3	hip
4	Soontorn	18	27	15	207	82	5.3	hip
5	Soontorn	18	3	6	38	13	6.1	hip
6	Soontorn	18	6	6	53	18	6.1	hip
7	Soontorn	18	12	18	233	52	6.1	hip
8	Soontorn	18	27	18	59	30	6.1	hip
1	Soontorn	0.3, p2v	192	224	941	481	5.3	hip
2	Soontorn	19	124	171	994	413	5.3	hip
3	Soontorn	19	56	50	183	117	5.3	hip
4	Soontorn	19	62	56	189	111	5.3	hip
5	Soontorn	19	6	3	35	12	7.8	hip
6	Soontorn	19	3	3	32	12	7.8	hip
7	Soontorn	19	18	9	47	21	7.8	hip
8	Soontorn	19	9	15	153	67	7.8	hip
1	Soontorn	0.3, p2h	74	71	1180	410	6.3	hip
2	Soontorn	20	68	53	667	235	6.3	hip
3	Soontorn	20	41	47	115	63	6.3	hip
4	Soontorn	20	47	35	112	66	6.3	hip
5	Soontorn	20	30	6	44	15	6.3	hip
6	Soontorn	20	24	6	41	17	6.3	hip
7	Soontorn	20	32	21	47	16	6.3	hip
8	Soontorn	20	41	24	142	61	6.3	hip
1	Soontorn	0.6, p1v	41	142	596	284	5.9	hip
2	Soontorn	21	71	168	832	260	5.9	hip
3	Soontorn	21	56	62	139	96	5.9	hip
4	Soontorn	21	56	59	162	91	5.9	hip
5	Soontorn	21	9	9	30	10	7.4	hip
6	Soontorn	21	9	6	32	12	7.4	hip
7	Soontorn	21	32	24	53	30	7.4	hip
8	Soontorn	21	47	47	103	60	7.4	hip
1	Soontorn	0.6, p1h	6	6	499	168	5.8	hip
2	Soontorn	22	18	35	466	156	5.8	hip
3	Soontorn	22	56	53	139	77	5.8	hip
4	Soontorn	22	53	41	159	78	5.8	hip
5	Soontorn	22	3	3	32	11	5.8	hip
6	Soontorn	22	3	3	59	16	5.8	hip

7	Soontorn	22	9	12	130	51	5.8	hip
8	Soontorn	22	35	27	47	25	5.8	hip
1	Soontorn	0.6, p2v	115	198	1348	570	5.9	hip
2	Soontorn	23	86	136	1153	454	5.9	hip
3	Soontorn	23	62	74	201	108	5.9	hip
4	Soontorn	23	65	50	204	106	5.9	hip
5	Soontorn	23	3	6	50	15	6.3	hip
6	Soontorn	23	3	3	53	15	6.3	hip
7	Soontorn	23	18	27	313	83	6.3	hip
8	Soontorn	23	44	71	165	58	6.3	hip
1	Soontorn	0.6, p2h	130	209	1207	370	4.8	hip
2	Soontorn	24	91	230	856	310	4.8	hip
3	Soontorn	24	71	124	186	84	4.8	hip
4	Soontorn	24	65	112	195	106	4.8	hip
5	Soontorn	24	9	15	30	20	5.6	hip
6	Soontorn	24	9	18	35	21	5.6	hip
7	Soontorn	24	15	12	30	18	5.6	hip
8	Soontorn	24	6	6	12	6	5.6	hip
1	Anusorn	0.3, p1v	133	80	481	277	7.6	Shoulder
2	Anusorn	1	30	35	286	158	7.6	Shoulder
3	Anusorn	1	24	12	24	10	7.6	Shoulder
4	Anusorn	1	21	6	24	12	7.6	Shoulder
5	Anusorn	1	9	15	30	20	5.6	Shoulder
6	Anusorn	1	9	18	35	21	5.6	Shoulder
7	Anusorn	1	15	12	30	18	5.6	Shoulder
8	Anusorn	1	6	6	12	6	5.6	Shoulder
1	Anusorn	0.3, p1h	50	62	251	133	8.2	Shoulder
2	Anusorn	2	24	9	133	52	8.2	Shoulder
3	Anusorn	2	3	12	38	13	8.2	Shoulder
4	Anusorn	2	6	9	35	16	8.2	Shoulder
5	Anusorn	2	6	9	21	13	6	Shoulder
6	Anusorn	2	9	9	18	12	6	Shoulder
7	Anusorn	2	12	15	27	17	6	Shoulder
8	Anusorn	2	6	9	15	5	6	Shoulder
1	Anusorn	0.3, p2v	130	106	502	233	7.7	Shoulder
2	Anusorn	3	32	35	295	120	7.7	Shoulder
3	Anusorn	3	6	21	50	16	7.7	Shoulder

4	Anusorn	3	12	15	65	19	7.7	Shoulder
5	Anusorn	3	6	15	38	19	6	Shoulder
6	Anusorn	3	6	12	35	16	6	Shoulder
7	Anusorn	3	12	18	35	23	6	Shoulder
8	Anusorn	3	12	6	27	13	6	Shoulder
1	Anusorn	0.3, p2h	74	32	475	195	7.6	Shoulder
2	Anusorn	4	41	9	301	109	7.6	Shoulder
3	Anusorn	4	9	27	32	9	7.6	Shoulder
4	Anusorn	4	21	12	32	14	7.6	Shoulder
5	Anusorn	4	3	15	21	11	6.1	Shoulder
6	Anusorn	4	3	6	15	8	6.1	Shoulder
7	Anusorn	4	15	15	24	16	6.1	Shoulder
8	Anusorn	4	3	3	9	3	6.1	Shoulder
1	Anusorn	0.6, p1v	130	127	327	191	5.7	Shoulder
2	Anusorn	5	112	74	209	108	5.7	Shoulder
3	Anusorn	5	6	6	24	10	5.7	Shoulder
4	Anusorn	5	9	9	27	14	5.7	Shoulder
5	Anusorn	5	3	3	30	12	6.6	Shoulder
6	Anusorn	5	3	3	21	11	6.6	Shoulder
7	Anusorn	5	9	9	21	12	6.6	Shoulder
8	Anusorn	5	15	6	21	8	6.6	Shoulder
1	Anusorn	0.6, p1h	35	41	245	149	6.6	Shoulder
2	Anusorn	6	15	18	106	58	6.6	Shoulder
3	Anusorn	6	3	9	30	11	6.6	Shoulder
4	Anusorn	6	3	6	41	18	6.6	Shoulder
5	Anusorn	6	9	9	38	20	6	Shoulder
6	Anusorn	6	9	12	24	15	6	Shoulder
7	Anusorn	6	9	12	32	22	6	Shoulder
8	Anusorn	6	3	3	27	12	6	Shoulder
1	Anusorn	0.6, p2v	133	56	599	400	6.1	Shoulder
2	Anusorn	7	94	21	384	229	6.1	Shoulder
3	Anusorn	7	6	0	21	10	6.1	Shoulder
4	Anusorn	7	6	0	35	17	6.1	Shoulder
5	Anusorn	7	12	3	38	22	5.1	Shoulder
6	Anusorn	7	6	3	30	18	5.1	Shoulder
7	Anusorn	7	15	6	32	22	5.1	Shoulder
8	Anusorn	7	12	3	41	20	5.1	Shoulder

1	Anusorn	0.6, p2h	18	21	80	42	7.6	Shoulder
2	Anusorn	8	15	15	83	31	7.6	Shoulder
3	Anusorn	8	6	18	59	22	7.6	Shoulder
4	Anusorn	8	6	12	38	21	7.6	Shoulder
5	Anusorn	8	3	3	18	10	6.8	Shoulder
6	Anusorn	8	3	3	18	9	6.8	Shoulder
7	Anusorn	8	15	15	35	23	6.8	Shoulder
8	Anusorn	8	15	12	15	9	6.8	Shoulder
1	Anusorn	0.3, p1v	12	27	100	35	6.4	Elbow
2	Anusorn	9	27	18	86	46	6.4	Elbow
3	Anusorn	9	24	9	56	34	6.4	Elbow
4	Anusorn	9	32	18	80	50	6.4	Elbow
5	Anusorn	9	12	3	24	11	6.7	Elbow
6	Anusorn	9	9	3	21	10	6.7	Elbow
7	Anusorn	9	27	30	50	36	6.7	Elbow
8	Anusorn	9	27	21	56	33	6.7	Elbow
1	Anusorn	0.3, p1h	15	15	313	134	6.4	Elbow
2	Anusorn	10	18	15	322	129	6.4	Elbow
3	Anusorn	10	27	41	77	40	6.4	Elbow
4	Anusorn	10	18	24	53	24	6.4	Elbow
5	Anusorn	10	3	3	18	10	5.7	Elbow
6	Anusorn	10	3	3	15	9	5.7	Elbow
7	Anusorn	10	12	9	56	29	5.7	Elbow
8	Anusorn	10	12	6	21	11	5.7	Elbow
1	Anusorn	0.3, p2v	171	325	484	287	5.6	Elbow
2	Anusorn	11	65	180	277	187	5.6	Elbow
3	Anusorn	11	50	18	62	30	5.6	Elbow
4	Anusorn	11	86	53	94	57	5.6	Elbow
5	Anusorn	11	3	12	21	8	5.7	Elbow
6	Anusorn	11	3	9	21	7	5.7	Elbow
7	Anusorn	11	44	53	68	47	5.7	Elbow
8	Anusorn	11	18	9	32	16	5.7	Elbow
1	Anusorn	0.3, p2h	47	47	239	107	7.5	Elbow
2	Anusorn	12	12	12	136	50	7.5	Elbow
3	Anusorn	12	41	41	50	30	7.5	Elbow
4	Anusorn	12	41	41	97	54	7.5	Elbow
5	Anusorn	12	3	6	15	5	6.6	Elbow

6	Anusorn	12	3	6	12	5	6.6	Elbow
7	Anusorn	12	35	38	103	56	6.6	Elbow
8	Anusorn	12	27	24	71	71	6.6	Elbow
1	Anusorn	0.6, p1v	12	12	80	35	5	Elbow
2	Anusorn	13	41	18	89	51	5	Elbow
3	Anusorn	13	21	27	62	36	5	Elbow
4	Anusorn	13	9	21	47	26	5	Elbow
5	Anusorn	13	3	6	21	11	5.3	Elbow
6	Anusorn	13	3	6	21	10	5.3	Elbow
7	Anusorn	13	15	18	74	37	5.3	Elbow
8	Anusorn	13	9	9	38	22	5.3	Elbow
1	Anusorn	0.6, p1h	15	15	80	41	6.2	Elbow
2	Anusorn	14	15	21	100	52	6.2	Elbow
3	Anusorn	14	15	18	62	21	6.2	Elbow
4	Anusorn	14	27	30	56	35	6.2	Elbow
5	Anusorn	14	6	15	15	9	6.1	Elbow
6	Anusorn	14	6	15	18	7	6.1	Elbow
7	Anusorn	14	71	30	97	47	6.1	Elbow
8	Anusorn	14	38	21	53	36	6.1	Elbow
1	Anusorn	0.6p2v	65	12	89	51	6.5	Elbow
2	Anusorn	15	21	6	109	53	6.5	Elbow
3	Anusorn	15	62	15	94	40	6.5	Elbow
4	Anusorn	15	83	24	136	74	6.5	Elbow
5	Anusorn	15	3	3	18	8	6.5	Elbow
6	Anusorn	15	3	3	15	7	6.5	Elbow
7	Anusorn	15	35	27	148	72	6.5	Elbow
8	Anusorn	15	18	30	136	61	6.5	Elbow
1	Anusorn	0.6, p2h	56	94	360	148	6.2	Elbow
2	Anusorn	16	30	27	100	45	6.2	Elbow
3	Anusorn	16	44	68	91	37	6.2	Elbow
4	Anusorn	16	62	53	150	83	6.2	Elbow
5	Anusorn	16	3	15	15	6	5.6	Elbow
6	Anusorn	16	3	15	15	7	5.6	Elbow
7	Anusorn	16	41	44	86	61	5.6	Elbow
8	Anusorn	16	24	9	30	20	5.6	Elbow
1	Anusorn	0.3, p1v	9	6	44	22	6.7	hip
2	Anusorn	17	12	9	91	44	6.7	hip

3	Anusorn	17	12	18	74	24	6.7	hip
4	Anusorn	17	27	18	83	45	6.7	hip
5	Anusorn	17	3	3	30	15	6.7	hip
6	Anusorn	17	3	3	21	12	6.7	hip
7	Anusorn	17	18	15	118	53	6.7	hip
8	Anusorn	17	24	12	59	43	6.7	hip
1	Anusorn	0.3, p1h	24	15	136	65	5.8	hip
2	Anusorn	18	44	9	148	88	5.8	hip
3	Anusorn	18	32	24	83	37	5.8	hip
4	Anusorn	18	47	18	80	45	5.8	hip
5	Anusorn	18	3	6	15	7	6.1	hip
6	Anusorn	18	3	3	15	7	6.1	hip
7	Anusorn	18	27	42	136	58	6.1	hip
8	Anusorn	18	32	32	56	40	6.1	hip
1	Anusorn	0.3, p2v	74	83	469	233	6.6	hip
2	Anusorn	19	21	18	260	110	6.6	hip
3	Anusorn	19	12	12	65	24	6.6	hip
4	Anusorn	19	12	12	74	31	6.6	hip
5	Anusorn	19	3	6	21	7	5.7	hip
6	Anusorn	19	6	6	18	7	5.7	hip
7	Anusorn	19	38	35	68	46	5.7	hip
8	Anusorn	19	24	21	77	34	5.7	hip
1	Anusorn	0.3, p2h	56	94	301	134	7.5	hip
2	Anusorn	20	18	15	77	38	7.5	hip
3	Anusorn	20	6	6	18	9	7.5	hip
4	Anusorn	20	15	15	68	68	7.5	hip
5	Anusorn	20	9	3	15	5	6.4	hip
6	Anusorn	20	9	3	15	6	6.4	hip
7	Anusorn	20	56	62	91	61	6.4	hip
8	Anusorn	20	35	41	47	32	6.4	hip
1	Anusorn	0.6, p1v	12	6	44	24	5.1	hip
2	Anusorn	21	50	6	68	37	5.1	hip
3	Anusorn	21	21	21	41	18	5.1	hip
4	Anusorn	21	68	38	68	38	5.1	hip
5	Anusorn	21	6	6	24	10	5.8	hip
6	Anusorn	21	6	3	21	8	5.8	hip
7	Anusorn	21	83	59	124	46	5.8	hip

8	Anusorn	21	35	32	68	43	5.8	hip
1	Anusorn	0.6, p1h	21	18	59	32	6.4	hip
2	Anusorn	22	12	18	71	35	6.4	hip
3	Anusorn	22	9	35	65	23	6.4	hip
4	Anusorn	22	27	44	77	33	6.4	hip
5	Anusorn	22	12	6	38	8	6	hip
6	Anusorn	22	12	6	41	9	6	hip
7	Anusorn	22	94	91	150	68	6	hip
8	Anusorn	22	41	50	83	58	6	hip
1	Anusorn	0.6, p2v	38	44	91	51	6	hip
2	Anusorn	23	15	12	38	25	6	hip
3	Anusorn	23	9	6	41	18	6	hip
4	Anusorn	23	24	18	53	32	6	hip
5	Anusorn	23	3	0	15	5	5.6	hip
6	Anusorn	23	3	3	12	5	5.6	hip
7	Anusorn	23	30	12	106	55	5.6	hip
8	Anusorn	23	24	12	65	28	5.6	hip
1	Anusorn	0.6, p2h	50	56	257	142	6.4	hip
2	Anusorn	24	30	24	74	39	6.4	hip
3	Anusorn	24	12	30	148	26	6.4	hip
4	Anusorn	24	21	41	142	48	6.4	hip
5	Anusorn	24	3	3	12	7	5.9	hip
6	Anusorn	24	6	6	15	8	5.9	hip
7	Anusorn	24	53	41	100	61	5.9	hip
8	Anusorn	24	38	32	62	40	5.9	hip
1	Isara	0.3, p1v	566	91	1038	607	6.8	Shoulder
2	Isara	1	546	118	1009	534	6.8	Shoulder
3	Isara	1	47	3	47	12	6.8	Shoulder
4	Isara	1	47	12	59	32	6.8	Shoulder
5	Isara	1	12	3	94	51	6.2	Shoulder
6	Isara	1	6	6	106	51	6.2	Shoulder
7	Isara	1	32	27	35	22	6.2	Shoulder
8	Isara	1	9	9	12	8	6.2	Shoulder
1	Isara	0.3, p1h	301	330	1422	855	4.9	Shoulder
2	Isara	2	230	224	1402	788	4.9	Shoulder
3	Isara	2	3	15	27	16	4.9	Shoulder
4	Isara	2	3	15	71	29	4.9	Shoulder

5	Isara	2	41	30	168	77	5.7	Shoulder
6	Isara	2	47	38	242	102	5.7	Shoulder
7	Isara	2	30	24	41	24	5.7	Shoulder
8	Isara	2	6	12	18	12	5.7	Shoulder
1	Isara	0.3, p2v	398	133	1301	765	7.3	Shoulder
2	Isara	3	336	159	1301	749	7.3	Shoulder
3	Isara	3	68	3	68	16	7.3	Shoulder
4	Isara	3	47	6	53	26	7.3	Shoulder
5	Isara	3	6	0	44	18	6	Shoulder
6	Isara	3	6	0	32	13	6	Shoulder
7	Isara	3	21	3	38	24	6	Shoulder
8	Isara	3	6	0	15	7	6	Shoulder
1	Isara	0.3, p2h	251	723	1637	905	5	Shoulder
2	Isara	4	207	608	1310	780	5	Shoulder
3	Isara	4	38	15	47	18	5	Shoulder
4	Isara	4	18	30	86	26	5	Shoulder
5	Isara	4	6	6	62	23	5.7	Shoulder
6	Isara	4	3	3	44	17	5.7	Shoulder
7	Isara	4	18	9	53	28	5.7	Shoulder
8	Isara	4	15	15	15	7	5.7	Shoulder
1	Isara	0.6, p1v	165	136	1195	772	6.3	Shoulder
2	Isara	5	242	103	1168	676	6.3	Shoulder
3	Isara	5	21	3	24	13	6.3	Shoulder
4	Isara	5	15	12	89	49	6.3	Shoulder
5	Isara	5	15	9	38	16	5.7	Shoulder
6	Isara	5	6	6	32	12	5.7	Shoulder
7	Isara	5	21	24	47	22	5.7	Shoulder
8	Isara	5	9	9	12	8	5.7	Shoulder
1	Isara	0.6, p1h	266	156	1670	1086	6.4	Shoulder
2	Isara	6	212	47	1664	975	6.4	Shoulder
3	Isara	6	41	3	41	20	6.4	Shoulder
4	Isara	6	12	9	109	42	6.4	Shoulder
5	Isara	6	12	32	221	114	6.4	Shoulder
6	Isara	6	6	21	198	92	6.4	Shoulder
7	Isara	6	15	18	53	31	6.4	Shoulder
8	Isara	6	9	15	32	15	6.4	Shoulder
1	Isara	0.6, p2v	519	342	1392	906	6.2	Shoulder

2	Isara	7	369	301	1307	816	6.2	Shoulder
3	Isara	7	47	12	65	18	6.2	Shoulder
4	Isara	7	15	21	80	38	6.2	Shoulder
5	Isara	7	3	9	50	20	6.3	Shoulder
6	Isara	7	3	6	35	13	6.3	Shoulder
7	Isara	7	12	12	32	23	6.3	Shoulder
8	Isara	7	15	6	15	4	6.3	Shoulder
1	Isara	0.6, p2h	342	142	1502	686	6.1	Shoulder
2	Isara	8	260	139	1266	552	6.1	Shoulder
3	Isara	8	21	12	30	11	6.1	Shoulder
4	Isara	8	27	32	41	18	6.1	Shoulder
5	Isara	8	32	32	183	63	5.5	Shoulder
6	Isara	8	30	15	263	57	5.5	Shoulder
7	Isara	8	21	32	35	27	5.5	Shoulder
8	Isara	8	6	3	9	5	5.5	Shoulder
1	Isara	0.3, p1v	83	103	867	433	6.8	Elbow
2	Isara	9	150	136	947	461	6.8	Elbow
3	Isara	9	89	47	221	113	6.8	Elbow
4	Isara	9	38	59	407	199	6.8	Elbow
5	Isara	9	12	12	24	12	5.5	Elbow
6	Isara	9	15	15	50	18	5.5	Elbow
7	Isara	9	118	115	242	159	5.5	Elbow
8	Isara	9	18	12	30	16	5.5	Elbow
1	Isara	0.3, p1h	198	183	826	436	6.2	Elbow
2	Isara	10	260	363	912	487	6.2	Elbow
3	Isara	10	142	207	257	163	6.2	Elbow
4	Isara	10	183	339	372	240	6.2	Elbow
5	Isara	10	6	3	24	10	5.9	Elbow
6	Isara	10	6	9	41	16	5.9	Elbow
7	Isara	10	145	89	239	174	5.9	Elbow
8	Isara	10	32	12	41	29	5.9	Elbow
1	Isara	0.3, p2v	221	307	1283	609	6.3	Elbow
2	Isara	11	263	156	838	427	6.3	Elbow
3	Isara	11	80	83	242	146	6.3	Elbow
4	Isara	11	139	97	339	197	6.3	Elbow
5	Isara	11	3	3	24	10	6.1	Elbow
6	Isara	11	6	6	38	13	6.1	Elbow

7	lsara	11	59	74	215	128	6.1	Elbow
8	lsara	11	9	6	30	8	6.1	Elbow
1	lsara	0.3, p2h	59	145	1634	644	6.8	Elbow
2	lsara	12	86	142	1189	533	6.8	Elbow
3	lsara	12	53	59	263	154	6.8	Elbow
4	lsara	12	47	47	384	227	6.8	Elbow
5	lsara	12	15	3	24	13	4.9	Elbow
6	lsara	12	18	6	38	19	4.9	Elbow
7	lsara	12	221	6	283	158	4.9	Elbow
8	lsara	12	15	15	80	22	4.9	Elbow
1	lsara	0.6, p1v	24	142	773	324	6.2	Elbow
2	lsara	13	62	97	608	304	6.2	Elbow
3	lsara	13	56	44	156	97	6.2	Elbow
4	lsara	13	44	41	330	190	6.2	Elbow
5	lsara	13	3	3	32	8	6.2	Elbow
6	lsara	13	3	3	65	15	6.2	Elbow
7	lsara	13	12	27	233	132	6.2	Elbow
8	lsara	13	24	12	62	15	6.2	Elbow
1	lsara	0.6, p1h	50	493	1354	677	6.9	Elbow
2	lsara	14	44	596	1611	787	6.9	Elbow
3	lsara	14	103	65	316	163	6.9	Elbow
4	lsara	14	32	257	808	393	6.9	Elbow
5	lsara	14	9	12	41	17	5.5	Elbow
6	lsara	14	9	12	50	27	5.5	Elbow
7	lsara	14	165	139	401	260	5.5	Elbow
8	lsara	14	41	15	83	41	5.5	Elbow
1	lsara	0.6, p2v	316	148	1499	798	5.4	Elbow
2	lsara	15	401	177	1062	678	5.4	Elbow
3	lsara	15	94	89	283	170	5.4	Elbow
4	lsara	15	224	68	469	276	5.4	Elbow
5	lsara	15	6	3	24	12	5.4	Elbow
6	lsara	15	6	6	41	17	5.4	Elbow
7	lsara	15	145	30	336	187	5.4	Elbow
8	lsara	15	12	6	15	6	5.4	Elbow
1	lsara	0.6, p2h	236	27	1590	793	6.3	Elbow
2	lsara	16	189	65	1729	840	6.3	Elbow
3	lsara	16	192	47	313	178	6.3	Elbow

4	lsara	16	139	27	419	250	6.3	Elbow
5	lsara	16	9	3	30	15	5.6	Elbow
6	lsara	16	9	3	35	18	5.6	Elbow
7	lsara	16	212	30	360	184	5.6	Elbow
8	lsara	16	6	32	35	8	5.6	Elbow
1	lsara	0.3, p1v	218	53	1024	453	5.7	hip
2	lsara	17	115	130	985	416	5.7	hip
3	lsara	17	35	6	339	61	5.7	hip
4	lsara	17	130	9	336	162	5.7	hip
5	lsara	17	3	6	35	9	5.7	hip
6	lsara	17	6	15	38	11	5.7	hip
7	lsara	17	91	89	301	130	5.7	hip
8	lsara	17	38	18	47	27	5.7	hip
1	lsara	0.3, p1h	91	97	920	416	6.8	hip
2	lsara	18	100	139	923	394	6.8	hip
3	lsara	18	47	65	313	172	6.8	hip
4	lsara	18	47	59	537	263	6.8	hip
5	lsara	18	6	0	32	9	5.4	hip
6	lsara	18	12	3	44	17	5.4	hip
7	lsara	18	142	32	366	188	5.4	hip
8	lsara	18	27	24	35	25	5.4	hip
1	lsara	0.3, p2v	230	44	1092	529	6.2	hip
2	lsara	19	121	12	664	364	6.2	hip
3	lsara	19	35	6	348	153	6.2	hip
4	lsara	19	44	24	460	205	6.2	hip
5	lsara	19	3	0	35	9	6.2	hip
6	lsara	19	3	0	44	13	6.2	hip
7	lsara	19	103	12	313	179	6.2	hip
8	lsara	19	30	3	14	14	6.2	hip
1	lsara	0.3, p2h	230	201	1431	663	6.4	hip
2	lsara	20	230	201	1030	448	6.4	hip
3	lsara	20	268	254	469	281	6.4	hip
4	lsara	20	292	221	661	312	6.4	hip
5	lsara	20	3	21	24	11	5.7	hip
6	lsara	20	6	32	38	18	5.7	hip
7	lsara	20	130	103	295	190	5.7	hip
8	lsara	20	47	15	47	10	5.7	hip

1	lsara	0.6, p1v	44	386	1106	429	6	hip
2	lsara	21	124	62	289	168	6	hip
3	lsara	21	32	27	159	92	6	hip
4	lsara	21	109	89	325	191	6	hip
5	lsara	21	15	3	35	10	5.4	hip
6	lsara	21	21	3	44	15	5.4	hip
7	lsara	21	198	71	301	175	5.4	hip
8	lsara	21	38	6	38	21	5.4	hip
1	lsara	0.6, p1h	121	100	708	389	5.1	hip
2	lsara	22	162	94	702	383	5.1	hip
3	lsara	22	47	12	212	103	5.1	hip
4	lsara	22	97	24	407	222	5.1	hip
5	lsara	22	27	3	27	8	5.4	hip
6	lsara	22	38	6	38	12	5.4	hip
7	lsara	22	209	91	313	154	5.4	hip
8	lsara	22	30	44	56	32	5.4	hip
1	lsara	0.6, p2v	68	130	912	473	6.2	hip
2	lsara	23	86	150	531	263	6.2	hip
3	lsara	23	109	89	366	203	6.2	hip
4	lsara	23	97	236	410	263	6.2	hip
5	lsara	23	35	0	35	9	6.1	hip
6	lsara	23	38	0	44	13	6.1	hip
7	lsara	23	44	12	348	189	6.1	hip
8	lsara	23	24	9	38	7	6.1	hip
1	lsara	0.6, p2h	186	35	1502	624	6.7	hip
2	lsara	24	162	56	1089	473	6.7	hip
3	lsara	24	59	56	316	175	6.7	hip
4	lsara	24	168	32	496	233	6.7	hip
5	lsara	24	9	3	27	11	6	hip
6	lsara	24	18	3	44	19	6	hip
7	lsara	24	230	21	236	129	6	hip
8	lsara	24	6	89	94	14	6	hip
1	Boonsong	0.3, p1v	145	148	3	1065	8.7	Shoulder
2	Boonsong	1	50	50	0	298	8.7	Shoulder
3	Boonsong	1	3	6	3	18	8.7	Shoulder
4	Boonsong	1	3	6	3	44	8.7	Shoulder
5	Boonsong	1	15	30	89	58	6	Shoulder

6	Boonsong	1	30	21	109	52	6	Shoulder
7	Boonsong	1	9	6	30	20	6	Shoulder
8	Boonsong	1	6	3	9	5	6	Shoulder
1	Boonsong	0.3, p1h	375	499	1507	867	8.2	Shoulder
2	Boonsong	2	112	142	493	277	8.2	Shoulder
3	Boonsong	2	6	6	21	11	8.2	Shoulder
4	Boonsong	2	9	12	68	23	8.2	Shoulder
5	Boonsong	2	27	50	171	100	7.5	Shoulder
6	Boonsong	2	47	35	254	125	7.5	Shoulder
7	Boonsong	2	15	12	47	26	7.5	Shoulder
8	Boonsong	2	9	6	59	6	7.5	Shoulder
1	Boonsong	0.3, p2v	499	251	1304	937	6.2	Shoulder
2	Boonsong	3	133	65	304	220	6.2	Shoulder
3	Boonsong	3	9	6	24	15	6.2	Shoulder
4	Boonsong	3	15	9	30	21	6.2	Shoulder
5	Boonsong	3	30	21	153	62	6.2	Shoulder
6	Boonsong	3	32	15	159	72	6.2	Shoulder
7	Boonsong	3	21	18	50	28	6.2	Shoulder
8	Boonsong	3	6	6	15	6	6.2	Shoulder
1	Boonsong	0.3, p2h	425	717	1794	1163	7.4	Shoulder
2	Boonsong	4	145	224	507	324	7.4	Shoulder
3	Boonsong	4	6	15	24	13	7.4	Shoulder
4	Boonsong	4	6	15	41	22	7.4	Shoulder
5	Boonsong	4	37	38	124	88	6.1	Shoulder
6	Boonsong	4	47	27	224	140	6.1	Shoulder
7	Boonsong	4	21	18	38	29	6.1	Shoulder
8	Boonsong	4	3	6	18	6	6.1	Shoulder
1	Boonsong	0.6, p1v	304	118	1041	522	6.1	Shoulder
2	Boonsong	5	74	44	257	133	6.1	Shoulder
3	Boonsong	5	9	3	18	9	6.1	Shoulder
4	Boonsong	5	12	6	32	16	6.1	Shoulder
5	Boonsong	5	18	6	189	86	6.1	Shoulder
6	Boonsong	5	30	12	363	122	6.1	Shoulder
7	Boonsong	5	9	6	30	17	6.1	Shoulder
8	Boonsong	5	3	3	12	5	6.1	Shoulder
1	Boonsong	0.6, p1h	622	130	1440	923	4	Shoulder
2	Boonsong	6	283	68	392	292	4	Shoulder

3	Boonsong	6	9	3	27	13	4	Shoulder
4	Boonsong	6	12	6	71	23	4	Shoulder
5	Boonsong	6	18	21	209	96	4.7	Shoulder
6	Boonsong	6	24	27	381	166	4.7	Shoulder
7	Boonsong	6	12	9	41	26	4.7	Shoulder
8	Boonsong	6	6	3	6	4	4.7	Shoulder
1	Boonsong	0.6, p2v	274	469	1614	874	8.8	Shoulder
2	Boonsong	7	62	115	369	218	8.8	Shoulder
3	Boonsong	7	9	9	24	14	8.8	Shoulder
4	Boonsong	7	12	15	41	20	8.8	Shoulder
5	Boonsong	7	32	47	148	65	6.1	Shoulder
6	Boonsong	7	32	35	333	89	6.1	Shoulder
7	Boonsong	7	18	21	32	25	6.1	Shoulder
8	Boonsong	7	3	3	6	3	6.1	Shoulder
1	Boonsong	0.6, p2h	684	186	1726	1050	5.4	Shoulder
2	Boonsong	8	268	59	569	370	5.4	Shoulder
3	Boonsong	8	12	3	21	14	5.4	Shoulder
4	Boonsong	8	18	6	41	26	5.4	Shoulder
5	Boonsong	8	12	50	189	119	5.4	Shoulder
6	Boonsong	8	12	30	239	137	5.4	Shoulder
7	Boonsong	8	18	15	44	29	5.4	Shoulder
8	Boonsong	8	3	6	6	4	5.4	Shoulder
1	Boonsong	0.3, p1v	109	74	493	265	7.5	Elbow
2	Boonsong	9	59	24	142	86	7.5	Elbow
3	Boonsong	9	59	24	195	92	7.5	Elbow
4	Boonsong	9	47	27	130	84	7.5	Elbow
5	Boonsong	9	6	12	59	22	6.2	Elbow
6	Boonsong	9	12	18	89	22	6.2	Elbow
7	Boonsong	9	15	30	212	80	6.2	Elbow
8	Boonsong	9	9	9	15	10	6.2	Elbow
1	Boonsong	0.3, p1h	189	124	614	316	6.9	Elbow
2	Boonsong	10	112	74	186	100	6.9	Elbow
3	Boonsong	10	77	53	139	83	6.9	Elbow
4	Boonsong	10	71	53	106	79	6.9	Elbow
5	Boonsong	10	9	6	32	17	6.2	Elbow
6	Boonsong	10	15	9	35	17	6.2	Elbow
7	Boonsong	10	30	24	130	77	6.2	Elbow

8	Boonsong	10	6	6	15	8	6.2	Elbow
1	Boonsong	0.3, p2v	218	192	1534	705	8.8	Elbow
2	Boonsong	11	47	80	537	249	8.8	Elbow
3	Boonsong	11	30	30	91	51	8.8	Elbow
4	Boonsong	11	71	62	136	100	8.8	Elbow
5	Boonsong	11	3	12	24	11	6.2	Elbow
6	Boonsong	11	9	15	27	15	6.2	Elbow
7	Boonsong	11	21	15	27	15	6.2	Elbow
8	Boonsong	11	53	50	94	57	6.2	Elbow
1	Boonsong	0.3, p2h	106	227	1151	616	6.2	Elbow
2	Boonsong	12	103	142	292	167	6.2	Elbow
3	Boonsong	12	59	91	150	75	6.2	Elbow
4	Boonsong	12	89	97	218	136	6.2	Elbow
5	Boonsong	12	3	3	41	17	7	Elbow
6	Boonsong	12	12	9	32	19	7	Elbow
7	Boonsong	12	24	9	41	26	7	Elbow
8	Boonsong	12	6	30	56	30	7	Elbow
1	Boonsong	0.6, p1v	77	91	384	229	7.5	Elbow
2	Boonsong	13	68	59	130	96	7.5	Elbow
3	Boonsong	13	62	56	150	88	7.5	Elbow
4	Boonsong	13	59	59	112	67	7.5	Elbow
5	Boonsong	13	6	9	35	18	6.8	Elbow
6	Boonsong	13	12	12	35	17	6.8	Elbow
7	Boonsong	13	38	35	330	175	6.8	Elbow
8	Boonsong	13	12	9	15	10	6.8	Elbow
1	Boonsong	0.6, p1h	80	21	578	247	4.9	Elbow
2	Boonsong	14	59	15	227	133	4.9	Elbow
3	Boonsong	14	83	6	153	100	4.9	Elbow
4	Boonsong	14	56	6	100	59	4.9	Elbow
5	Boonsong	14	74	86	162	111	4.3	Elbow
6	Boonsong	14	35	35	136	90	4.3	Elbow
7	Boonsong	14	27	27	156	79	4.3	Elbow
8	Boonsong	14	12	6	12	8	4.3	Elbow
1	Boonsong	0.6, p2v	280	322	1130	587	8.4	Elbow
2	Boonsong	15	86	127	413	192	8.4	Elbow
3	Boonsong	15	9	12	35	17	8.4	Elbow
4	Boonsong	15	53	35	165	64	8.4	Elbow

5	Boonsong	15	6	9	32	15	4.8	Elbow
6	Boonsong	15	12	12	38	18	4.8	Elbow
7	Boonsong	15	15	15	30	21	4.8	Elbow
8	Boonsong	15	6	9	32	9	4.8	Elbow
1	Boonsong	0.6, p2h	91	212	443	248	5.5	Elbow
2	Boonsong	16	86	77	165	117	5.5	Elbow
3	Boonsong	16	53	27	118	67	5.5	Elbow
4	Boonsong	16	50	47	118	74	5.5	Elbow
5	Boonsong	16	24	0	68	36	3.5	Elbow
6	Boonsong	16	30	3	38	21	3.5	Elbow
7	Boonsong	16	30	3	44	24	3.5	Elbow
8	Boonsong	16	6	0	9	5	3.5	Elbow
1	Boonsong	0.3, p1v	47	162	507	251	5.3	hip
2	Boonsong	17	41	41	118	67	5.3	hip
3	Boonsong	17	59	50	109	75	5.3	hip
4	Boonsong	17	77	47	133	94	5.3	hip
5	Boonsong	17	6	6	30	11	6	hip
6	Boonsong	17	6	9	38	13	6	hip
7	Boonsong	17	24	30	145	59	6	hip
8	Boonsong	17	71	100	112	74	6	hip
1	Boonsong	0.3, p1h	115	44	779	388	7.5	hip
2	Boonsong	18	65	15	221	131	7.5	hip
3	Boonsong	18	65	9	130	81	7.5	hip
4	Boonsong	18	118	12	207	121	7.5	hip
5	Boonsong	18	6	9	74	23	8.9	hip
6	Boonsong	18	6	9	35	17	8.9	hip
7	Boonsong	18	24	35	149	76	8.9	hip
8	Boonsong	18	80	53	86	39	8.9	hip
1	Boonsong	0.3, p2v	546	440	1162	758	6.1	hip
2	Boonsong	19	103	83	333	191	6.1	hip
3	Boonsong	19	106	112	268	147	6.1	hip
4	Boonsong	19	115	142	218	131	6.1	hip
5	Boonsong	19	6	6	30	17	6.8	hip
6	Boonsong	19	9	9	35	22	6.8	hip
7	Boonsong	19	109	124	233	140	6.8	hip
8	Boonsong	19	9	18	118	64	6.8	hip
1	Boonsong	0.3, p2h	136	186	894	451	7.1	hip

2	Boonsong	20	127	165	437	209	7.1	hip
3	Boonsong	20	94	97	298	128	7.1	hip
4	Boonsong	20	74	83	186	110	7.1	hip
5	Boonsong	20	3	9	30	13	7.1	hip
6	Boonsong	20	6	18	32	15	7.1	hip
7	Boonsong	20	15	27	83	39	7.1	hip
8	Boonsong	20	38	56	150	90	7.1	hip
1	Boonsong	0.6, p1v	97	15	490	342	5	hip
2	Boonsong	21	100	9	215	123	5	hip
3	Boonsong	21	103	9	159	104	5	hip
4	Boonsong	21	80	6	136	92	5	hip
5	Boonsong	21	15	6	30	11	6.4	hip
6	Boonsong	21	15	9	35	13	6.4	hip
7	Boonsong	21	24	35	145	74	6.4	hip
8	Boonsong	21	9	12	35	15	6.4	hip
1	Boonsong	0.6, p1h	32	9	74	44	5.7	hip
2	Boonsong	22	30	9	86	45	5.7	hip
3	Boonsong	22	71	27	139	85	5.7	hip
4	Boonsong	22	56	27	80	60	5.7	hip
5	Boonsong	22	3	6	44	20	5.7	hip
6	Boonsong	22	3	3	30	11	5.7	hip
7	Boonsong	22	21	12	83	46	5.7	hip
8	Boonsong	22	62	6	97	50	5.7	hip
1	Boonsong	0.6, p2v	162	56	894	429	6.5	hip
2	Boonsong	23	65	21	381	185	6.5	hip
3	Boonsong	23	68	21	189	113	6.5	hip
4	Boonsong	23	71	21	171	109	6.5	hip
5	Boonsong	23	9	18	32	19	5.5	hip
6	Boonsong	23	12	18	38	21	5.5	hip
7	Boonsong	23	142	97	263	159	5.5	hip
8	Boonsong	23	12	6	18	6	5.5	hip
1	Boonsong	0.6, p2h	21	44	165	90	5.5	hip
2	Boonsong	24	35	24	124	58	5.5	hip
3	Boonsong	24	59	65	100	71	5.5	hip
4	Boonsong	24	53	50	103	71	5.5	hip
5	Boonsong	24	3	3	21	8	5.4	hip
6	Boonsong	24	6	6	27	11	5.4	hip

7	Boonsong	24	21	9	83	40	5.4	hip
8	Boonsong	24	71	9	71	19	5.4	hip
1	Komkrit	0.3, p1v	156	115	398	259	6.2	Shoulder
2	Komkrit	1	212	89	451	245	6.2	Shoulder
3	Komkrit	1	6	6	21	12	6.2	Shoulder
4	Komkrit	1	9	6	30	16	6.2	Shoulder
5	Komkrit	1	24	3	68	38	6.2	Shoulder
6	Komkrit	1	9	3	35	23	6.2	Shoulder
7	Komkrit	1	12	3	30	11	6.2	Shoulder
8	Komkrit	1	3	3	59	16	6.2	Shoulder
1	Komkrit	0.3, p1h	186	195	463	304	5.3	Shoulder
2	Komkrit	2	174	180	410	257	5.3	Shoulder
3	Komkrit	2	9	12	18	10	5.3	Shoulder
4	Komkrit	2	12	18	21	15	5.3	Shoulder
5	Komkrit	2	12	44	65	43	6	Shoulder
6	Komkrit	2	3	18	50	27	6	Shoulder
7	Komkrit	2	6	3	12	8	6	Shoulder
8	Komkrit	2	3	0	6	2	6	Shoulder
1	Komkrit	0.3, p2v	83	109	729	336	7.1	Shoulder
2	Komkrit	3	94	86	566	298	7.1	Shoulder
3	Komkrit	3	15	12	21	9	7.1	Shoulder
4	Komkrit	3	21	15	21	12	7.1	Shoulder
5	Komkrit	3	15	12	77	34	6.1	Shoulder
6	Komkrit	3	9	6	65	23	6.1	Shoulder
7	Komkrit	3	3	15	112	16	6.1	Shoulder
8	Komkrit	3	3	9	50	4	6.1	Shoulder
1	Komkrit	0.3, p2h	133	80	516	215	6.1	Shoulder
2	Komkrit	4	121	83	422	205	6.1	Shoulder
3	Komkrit	4	6	9	18	10	6.1	Shoulder
4	Komkrit	4	9	9	27	14	6.1	Shoulder
5	Komkrit	4	6	24	97	36	6.8	Shoulder
6	Komkrit	4	3	15	62	23	6.8	Shoulder
7	Komkrit	4	3	6	12	8	6.8	Shoulder
8	Komkrit	4	3	3	15	5	6.8	Shoulder
1	Komkrit	0.6, p1v	142	142	451	243	5.4	Shoulder
2	Komkrit	5	124	139	413	239	5.4	Shoulder
3	Komkrit	5	3	3	21	11	5.4	Shoulder

4	Komkrit	5	6	6	27	14	5.4	Shoulder
5	Komkrit	5	9	18	38	25	5.4	Shoulder
6	Komkrit	5	6	9	21	12	5.4	Shoulder
7	Komkrit	5	6	6	21	8	5.4	Shoulder
8	Komkrit	5	3	3	6	3	5.4	Shoulder
1	Komkrit	0.6, p1h	62	35	631	319	6	Shoulder
2	Komkrit	6	80	44	614	291	6	Shoulder
3	Komkrit	6	6	6	24	10	6	Shoulder
4	Komkrit	6	3	3	44	18	6	Shoulder
5	Komkrit	6	6	3	59	29	6	Shoulder
6	Komkrit	6	3	3	27	15	6	Shoulder
7	Komkrit	6	9	27	94	31	6	Shoulder
8	Komkrit	6	3	3	9	3	6	Shoulder
1	Komkrit	0.6, p2v	53	77	271	133	7.1	Shoulder
2	Komkrit	7	86	86	277	138	7.1	Shoulder
3	Komkrit	7	3	6	18	8	7.1	Shoulder
4	Komkrit	7	6	9	21	10	7.1	Shoulder
5	Komkrit	7	6	0	71	31	7.6	Shoulder
6	Komkrit	7	3	0	59	24	7.6	Shoulder
7	Komkrit	7	6	3	24	8	7.6	Shoulder
8	Komkrit	7	3	3	12	4	7.6	Shoulder
1	Komkrit	0.6, p2h	89	165	475	244	6.3	Shoulder
2	Komkrit	8	94	94	280	183	6.3	Shoulder
3	Komkrit	8	3	9	21	11	6.3	Shoulder
4	Komkrit	8	6	6	24	16	6.3	Shoulder
5	Komkrit	8	24	30	83	52	6.1	Shoulder
6	Komkrit	8	9	12	94	47	6.1	Shoulder
7	Komkrit	8	6	6	12	8	6.1	Shoulder
8	Komkrit	8	3	3	15	5	6.1	Shoulder
1	Komkrit	0.3, p1v	9	65	65	36	5.6	Elbow
2	Komkrit	9	18	59	94	52	5.6	Elbow
3	Komkrit	9	9	27	35	19	5.6	Elbow
4	Komkrit	9	15	27	53	31	5.6	Elbow
5	Komkrit	9	3	3	27	14	6.2	Elbow
6	Komkrit	9	3	3	18	11	6.2	Elbow
7	Komkrit	9	41	80	165	97	6.2	Elbow
8	Komkrit	9	3	6	24	4	6.2	Elbow

1	Komkrit	0.3, p1h	41	56	274	121	5.2	Elbow
2	Komkrit	10	65	47	274	134	5.2	Elbow
3	Komkrit	10	27	6	44	27	5.2	Elbow
4	Komkrit	10	62	6	83	53	5.2	Elbow
5	Komkrit	10	6	3	32	15	5.5	Elbow
6	Komkrit	10	6	3	32	13	5.5	Elbow
7	Komkrit	10	56	3	204	112	5.5	Elbow
8	Komkrit	10	56	18	168	168	5.5	Elbow
1	Komkrit	0.3, p2v	91	59	546	249	6	Elbow
2	Komkrit	11	59	71	513	214	6	Elbow
3	Komkrit	11	27	21	38	19	6	Elbow
4	Komkrit	11	24	12	41	26	6	Elbow
5	Komkrit	11	3	3	24	9	5.9	Elbow
6	Komkrit	11	3	3	12	7	5.9	Elbow
7	Komkrit	11	35	41	68	17	5.9	Elbow
8	Komkrit	11	44	53	150	71	5.9	Elbow
1	Komkrit	0.3, p2h	71	30	510	228	6.8	Elbow
2	Komkrit	12	86	50	443	189	6.8	Elbow
3	Komkrit	12	15	3	74	23	6.8	Elbow
4	Komkrit	12	30	9	65	38	6.8	Elbow
5	Komkrit	12	3	3	24	9	6.8	Elbow
6	Komkrit	12	3	3	15	8	6.8	Elbow
7	Komkrit	12	71	35	89	31	6.8	Elbow
8	Komkrit	12	35	59	139	71	6.8	Elbow
1	Komkrit	0.6, p1v	9	6	56	30	6.1	Elbow
2	Komkrit	13	30	15	86	51	6.1	Elbow
3	Komkrit	13	27	9	53	24	6.1	Elbow
4	Komkrit	13	30	12	89	48	6.1	Elbow
5	Komkrit	13	6	3	27	12	5.4	Elbow
6	Komkrit	13	3	3	15	8	5.4	Elbow
7	Komkrit	13	71	27	180	110	5.4	Elbow
8	Komkrit	13	3	3	12	5	5.4	Elbow
1	Komkrit	0.6, p1h	32	21	130	59	5.1	Elbow
2	Komkrit	14	24	27	80	39	5.1	Elbow
3	Komkrit	14	21	6	68	37	5.1	Elbow
4	Komkrit	14	47	6	86	50	5.1	Elbow
5	Komkrit	14	6	0	35	16	5.9	Elbow

6	Komkrit	14	6	3	27	13	5.9	Elbow
7	Komkrit	14	354	77	354	134	5.9	Elbow
8	Komkrit	14	35	12	68	24	5.9	Elbow
1	Komkrit	0.6, p2v	80	168	690	355	6.1	Elbow
2	Komkrit	15	80	186	543	287	6.1	Elbow
3	Komkrit	15	21	21	27	13	6.1	Elbow
4	Komkrit	15	18	21	30	17	6.1	Elbow
5	Komkrit	15	3	9	24	9	6.2	Elbow
6	Komkrit	15	3	6	15	7	6.2	Elbow
7	Komkrit	15	83	12	91	16	6.2	Elbow
8	Komkrit	15	44	18	44	25	6.2	Elbow
1	Komkrit	0.6, p2h	77	277	434	240	5.5	Elbow
2	Komkrit	16	68	156	333	183	5.5	Elbow
3	Komkrit	16	18	9	18	13	5.5	Elbow
4	Komkrit	16	18	12	38	22	5.5	Elbow
5	Komkrit	16	3	3	27	11	6.2	Elbow
6	Komkrit	16	3	3	19	8	6.2	Elbow
7	Komkrit	16	86	53	86	20	6.2	Elbow
8	Komkrit	16	21	41	50	23	6.2	Elbow
1	Komkrit	0.3,p1v	9	9	53	25	7	hip
2	Komkrit	17	6	6	24	14	7	hip
3	Komkrit	17	50	18	71	34	7	hip
4	Komkrit	17	50	21	109	71	7	hip
5	Komkrit	17	6	0	27	11	6.3	hip
6	Komkrit	17	6	3	15	8	6.3	hip
7	Komkrit	17	68	12	124	55	6.3	hip
8	Komkrit	17	3	30	44	21	6.3	hip
1	Komkrit	0.3, p1h	21	12	62	34	5.3	hip
2	Komkrit	18	32	3	50	25	5.3	hip
3	Komkrit	18	41	3	77	34	5.3	hip
4	Komkrit	18	62	3	109	55	5.3	hip
5	Komkrit	18	24	6	27	10	6.2	hip
6	Komkrit	18	15	6	15	7	6.2	hip
7	Komkrit	18	136	77	148	62	6.2	hip
8	Komkrit	18	301	124	333	105	6.2	hip
1	Komkrit	0.3, p2v	80	142	440	221	6.1	hip
2	Komkrit	19	80	83	295	134	6.1	hip

3	Komkrit	19	32	35	83	59	6.1	hip
4	Komkrit	19	56	32	103	69	6.1	hip
5	Komkrit	19	3	6	27	10	6.1	hip
6	Komkrit	19	3	6	18	9	6.1	hip
7	Komkrit	19	86	94	218	143	6.1	hip
8	Komkrit	19	53	44	162	80	6.1	hip
1	Komkrit	0.3, p2h	77	133	372	158	4.7	hip
2	Komkrit	20	80	118	165	100	4.7	hip
3	Komkrit	20	59	41	89	60	4.7	hip
4	Komkrit	20	47	47	136	60	4.7	hip
5	Komkrit	20	3	3	24	8	5.8	hip
6	Komkrit	20	3	3	15	7	5.8	hip
7	Komkrit	20	21	44	109	56	5.8	hip
8	Komkrit	20	133	109	139	79	5.8	hip
1	Komkrit	0.6, p1v	6	6	80	31	6.8	hip
2	Komkrit	21	6	9	27	14	6.8	hip
3	Komkrit	21	41	27	103	47	6.8	hip
4	Komkrit	21	44	56	136	81	6.8	hip
5	Komkrit	21	6	3	32	13	5.5	hip
6	Komkrit	21	6	3	18	8	5.5	hip
7	Komkrit	21	145	56	227	139	5.5	hip
8	Komkrit	21	9	24	74	15	5.5	hip
1	Komkrit	0.6, p1h	15	12	86	44	5.9	hip
2	Komkrit	22	9	9	56	36	5.9	hip
3	Komkrit	22	15	12	56	28	5.9	hip
4	Komkrit	22	12	12	94	55	5.9	hip
5	Komkrit	22	0	0	30	10	6.1	hip
6	Komkrit	22	3	0	15	7	6.1	hip
7	Komkrit	22	18	38	201	103	6.1	hip
8	Komkrit	22	50	56	91	54	6.1	hip
1	Komkrit	0.6, p2v	27	35	457	189	5.5	hip
2	Komkrit	23	41	47	310	155	5.5	hip
3	Komkrit	23	35	44	50	32	5.5	hip
4	Komkrit	23	30	27	47	35	5.5	hip
5	Komkrit	23	21	3	24	8	6.1	hip
6	Komkrit	23	12	3	15	6	6.1	hip
7	Komkrit	23	121	91	121	44	6.1	hip

8	Komkrit	23	62	68	124	66	6.1	hip
1	Komkrit	0.6,p2h	38	9	209	105	8.6	hip
2	Komkrit	24	30	6	103	62	8.6	hip
3	Komkrit	24	38	30	97	57	8.6	hip
4	Komkrit	24	27	35	103	60	8.6	hip
5	Komkrit	24	3	3	30	10	7	hip
6	Komkrit	24	3	6	18	8	7	hip
7	Komkrit	24	59	77	180	98	7	hip
8	Komkrit	24	30	21	68	42	7	hip
1	Piyapan	0.3,p1v	823	209	1564	866	6	Shoulder
2	Piyapan	1	537	186	838	597	6	Shoulder
3	Piyapan	1	30	21	71	37	6	Shoulder
4	Piyapan	1	9	3	15	9	6	Shoulder
5	Piyapan	1	74	9	189	43	6	Shoulder
6	Piyapan	1	130	35	165	97	6	Shoulder
7	Piyapan	1	18	3	35	17	6	Shoulder
8	Piyapan	1	27	44	112	44	6	Shoulder
1	Piyapan	0.3, p1h	507	292	1065	596	6.1	Shoulder
2	Piyapan	2	301	345	655	425	6.1	Shoulder
3	Piyapan	2	9	27	68	32	6.1	Shoulder
4	Piyapan	2	3	9	15	7	6.1	Shoulder
5	Piyapan	2	6	9	121	31	6.9	Shoulder
6	Piyapan	2	9	30	286	119	6.9	Shoulder
7	Piyapan	2	21	9	27	8	6.9	Shoulder
8	Piyapan	2	91	68	156	51	6.9	Shoulder
1	Piyapan	0.3, p2v	180	150	496	339	5.2	Shoulder
2	Piyapan	3	198	127	552	287	5.2	Shoulder
3	Piyapan	3	53	38	130	69	5.2	Shoulder
4	Piyapan	3	24	35	47	21	5.2	Shoulder
5	Piyapan	3	15	3	18	9	6	Shoulder
6	Piyapan	3	18	3	24	11	6	Shoulder
7	Piyapan	3	3	35	97	24	6	Shoulder
8	Piyapan	3	124	32	124	73	6	Shoulder
1	Piyapan	0.3, p2h	215	159	649	350	6.7	Shoulder
2	Piyapan	4	159	145	437	274	6.7	Shoulder
3	Piyapan	4	44	41	118	35	6.7	Shoulder
4	Piyapan	4	32	32	32	11	6.7	Shoulder

5	Piyapan	4	12	3	71	16	6	Shoulder
6	Piyapan	4	12	3	109	22	6	Shoulder
7	Piyapan	4	6	41	50	12	6	Shoulder
8	Piyapan	4	209	27	224	71	6	Shoulder
1	Piyapan	0.6, p1v	330	242	1207	791	7.4	Shoulder
2	Piyapan	5	257	89	794	551	7.4	Shoulder
3	Piyapan	5	24	9	86	56	7.4	Shoulder
4	Piyapan	5	12	3	15	9	7.4	Shoulder
5	Piyapan	5	62	32	91	35	6.1	Shoulder
6	Piyapan	5	156	118	221	134	6.1	Shoulder
7	Piyapan	5	21	6	27	13	6.1	Shoulder
8	Piyapan	5	32	71	142	85	6.1	Shoulder
1	Piyapan	0.6, p1h	242	245	853	460	7	Shoulder
2	Piyapan	6	207	215	599	345	7	Shoulder
3	Piyapan	6	18	18	68	37	7	Shoulder
4	Piyapan	6	3	24	30	9	7	Shoulder
5	Piyapan	6	6	12	94	23	6.3	Shoulder
6	Piyapan	6	9	24	162	77	6.3	Shoulder
7	Piyapan	6	21	3	21	6	6.3	Shoulder
8	Piyapan	6	30	59	109	56	6.3	Shoulder
1	Piyapan	0.6,p2v	218	215	1148	733	7.4	Shoulder
2	Piyapan	7	183	186	894	552	7.4	Shoulder
3	Piyapan	7	41	38	162	94	7.4	Shoulder
4	Piyapan	7	41	32	74	38	7.4	Shoulder
5	Piyapan	7	12	3	32	17	7.3	Shoulder
6	Piyapan	7	12	3	41	22	7.3	Shoulder
7	Piyapan	7	56	9	56	8	7.3	Shoulder
8	Piyapan	7	145	30	283	182	7.3	Shoulder
1	Piyapan	0.6, p2h	183	145	496	235	6.7	Shoulder
2	Piyapan	8	168	91	460	234	6.7	Shoulder
3	Piyapan	8	50	30	71	22	6.7	Shoulder
4	Piyapan	8	41	18	44	9	6.7	Shoulder
5	Piyapan	8	12	30	77	19	5.4	Shoulder
6	Piyapan	8	44	118	189	52	5.4	Shoulder
7	Piyapan	8	24	32	35	18	5.4	Shoulder
8	Piyapan	8	68	47	74	37	5.4	Shoulder
1	Piyapan	0.3, p1v	316	333	879	596	6.9	Elbow

2	Piyapan	9	174	218	381	270	6.9	Elbow
3	Piyapan	9	21	44	109	64	6.9	Elbow
4	Piyapan	9	18	24	65	34	6.9	Elbow
5	Piyapan	9	21	12	35	16	6.9	Elbow
6	Piyapan	9	27	15	35	20	6.9	Elbow
7	Piyapan	9	18	30	86	52	6.9	Elbow
8	Piyapan	9	148	186	248	175	6.9	Elbow
1	Piyapan	0.3, p1h	112	142	1021	370	6.1	Elbow
2	Piyapan	10	59	89	375	224	6.1	Elbow
3	Piyapan	10	27	12	139	61	6.1	Elbow
4	Piyapan	10	21	18	118	45	6.1	Elbow
5	Piyapan	10	3	9	44	18	6.8	Elbow
6	Piyapan	10	3	12	59	21	6.8	Elbow
7	Piyapan	10	65	65	192	70	6.8	Elbow
8	Piyapan	10	91	115	469	277	6.8	Elbow
1	Piyapan	0.3, p2v	195	38	640	359	6.5	Elbow
2	Piyapan	11	277	50	681	344	6.5	Elbow
3	Piyapan	11	153	44	177	91	6.5	Elbow
4	Piyapan	11	62	27	106	59	6.5	Elbow
5	Piyapan	11	12	9	21	12	5.8	Elbow
6	Piyapan	11	12	21	30	15	5.8	Elbow
7	Piyapan	11	38	32	62	41	5.8	Elbow
8	Piyapan	11	207	38	307	104	5.8	Elbow
1	Piyapan	0.3 ,p2h	354	516	761	512	6.4	Elbow
2	Piyapan	12	162	369	499	322	6.4	Elbow
3	Piyapan	12	242	204	283	112	6.4	Elbow
4	Piyapan	12	115	159	158	72	6.4	Elbow
5	Piyapan	12	9	21	24	12	7.1	Elbow
6	Piyapan	12	9	30	30	16	7.1	Elbow
7	Piyapan	12	18	38	100	65	7.1	Elbow
8	Piyapan	12	150	162	286	80	7.1	Elbow
1	Piyapan	0.6, p1v	369	596	1027	579	5.4	Elbow
2	Piyapan	13	207	289	513	293	5.4	Elbow
3	Piyapan	13	112	80	142	85	5.4	Elbow
4	Piyapan	13	50	47	91	53	5.4	Elbow
5	Piyapan	13	15	15	30	18	6.1	Elbow
6	Piyapan	13	21	21	47	28	6.1	Elbow

7	Piyapan	13	12	6	27	11	6.1	Elbow
8	Piyapan	13	130	153	333	185	6.1	Elbow
1	Piyapan	0.6, p1h	97	0	788	351	6.9	Elbow
2	Piyapan	14	47	0	310	184	6.9	Elbow
3	Piyapan	14	21	0	145	73	6.9	Elbow
4	Piyapan	14	15	0	127	61	6.9	Elbow
5	Piyapan	14	21	21	38	19	6.3	Elbow
6	Piyapan	14	24	24	41	17	6.3	Elbow
7	Piyapan	14	77	68	77	42	6.3	Elbow
8	Piyapan	14	301	310	558	339	6.3	Elbow
1	Piyapan	0.6, p2v	322	186	829	490	6.8	Elbow
2	Piyapan	15	195	171	454	294	6.8	Elbow
3	Piyapan	15	127	103	195	121	6.8	Elbow
4	Piyapan	15	83	65	186	129	6.8	Elbow
5	Piyapan	15	6	21	24	16	6.7	Elbow
6	Piyapan	15	3	27	38	24	6.7	Elbow
7	Piyapan	15	18	3	21	9	6.7	Elbow
8	Piyapan	15	94	100	174	120	6.7	Elbow
1	Piyapan	0.6, p2h	174	534	844	583	5.7	Elbow
2	Piyapan	16	162	201	563	341	5.7	Elbow
3	Piyapan	16	97	118	289	169	5.7	Elbow
4	Piyapan	16	44	71	139	82	5.7	Elbow
5	Piyapan	16	3	3	32	14	6.5	Elbow
6	Piyapan	16	3	6	35	19	6.5	Elbow
7	Piyapan	16	9	41	41	10	6.5	Elbow
8	Piyapan	16	139	153	389	254	6.5	Elbow
1	Piyapan	0.3,p1v	80	248	832	514	6.7	hip
2	Piyapan	17	47	112	410	252	6.7	hip
3	Piyapan	17	6	9	89	43	6.7	hip
4	Piyapan	17	6	21	89	40	6.7	hip
5	Piyapan	17	12	24	27	14	6	hip
6	Piyapan	17	12	18	27	15	6	hip
7	Piyapan	17	18	32	65	33	6	hip
8	Piyapan	17	130	77	177	135	6	hip
1	Piyapan	0.3, p1h	723	277	923	607	5.4	hip
2	Piyapan	18	198	139	475	247	5.4	hip
3	Piyapan	18	180	6	180	59	5.4	hip

4	Piyapan	18	224	15	224	67	5.4	hip
5	Piyapan	18	21	3	27	15	6.1	hip
6	Piyapan	18	15	3	27	14	6.1	hip
7	Piyapan	18	9	47	74	24	6.1	hip
8	Piyapan	18	363	62	363	223	6.1	hip
1	Piyapan	0.3, p2v	242	301	1030	612	5.1	hip
2	Piyapan	19	522	402	808	497	5.1	hip
3	Piyapan	19	171	86	171	97	5.1	hip
4	Piyapan	19	74	112	150	77	5.1	hip
5	Piyapan	19	18	12	30	16	5.8	hip
6	Piyapan	19	18	18	44	23	5.8	hip
7	Piyapan	19	89	74	103	59	5.8	hip
8	Piyapan	19	145	80	177	64	5.8	hip
1	Piyapan	0.3, p2h	381	378	941	581	6.1	hip
2	Piyapan	20	375	307	593	386	6.1	hip
3	Piyapan	20	204	56	204	120	6.1	hip
4	Piyapan	20	168	41	289	101	6.1	hip
5	Piyapan	20	15	3	27	13	6	hip
6	Piyapan	20	18	3	30	18	6	hip
7	Piyapan	20	83	32	109	65	6	hip
8	Piyapan	20	162	27	198	88	6	hip
1	Piyapan	0.6, p1v	404	481	1047	697	5.4	hip
2	Piyapan	21	263	183	652	390	5.4	hip
3	Piyapan	21	136	15	136	46	5.4	hip
4	Piyapan	21	100	6	100	29	5.4	hip
5	Piyapan	21	15	3	41	18	6.1	hip
6	Piyapan	21	15	0	41	23	6.1	hip
7	Piyapan	21	6	9	47	14	6.1	hip
8	Piyapan	21	130	35	347	208	6.1	hip
1	Piyapan	0.6, p1h	112	174	555	341	6.4	hip
2	Piyapan	22	103	56	336	189	6.4	hip
3	Piyapan	22	44	6	174	55	6.4	hip
4	Piyapan	22	35	9	301	73	6.4	hip
5	Piyapan	22	18	21	27	11	6.4	hip
6	Piyapan	22	21	18	24	10	6.4	hip
7	Piyapan	22	6	56	62	13	6.4	hip
8	Piyapan	22	271	71	407	257	6.4	hip

1	Piyapan	0.6, p2v	165	136	661	377	7.5	hip
2	Piyapan	23	156	136	333	201	7.5	hip
3	Piyapan	23	165	68	198	95	7.5	hip
4	Piyapan	23	148	83	150	64	7.5	hip
5	Piyapan	23	15	12	74	24	6.3	hip
6	Piyapan	23	21	12	32	19	6.3	hip
7	Piyapan	23	18	21	24	12	6.3	hip
8	Piyapan	23	209	106	209	93	6.3	hip
1	Piyapan	0.6, p2h	378	283	693	447	6.2	hip
2	Piyapan	24	277	239	366	255	6.2	hip
3	Piyapan	24	183	233	330	160	6.2	hip
4	Piyapan	24	103	130	183	102	6.2	hip
5	Piyapan	24	21	6	30	14	6.1	hip
6	Piyapan	24	24	6	32	17	6.1	hip
7	Piyapan	24	32	18	41	20	6.1	hip
8	Piyapan	24	481	68	519	311	6.1	hip
1	Witaya	0.3, p1v	513	360	1446	853	5.9	Shoulder
2	Witaya	1	658	602	1743	1165	5.9	Shoulder
3	Witaya	1	30	38	71	37	5.9	Shoulder
4	Witaya	1	56	83	295	106	5.9	Shoulder
5	Witaya	1	3	86	103	34	5.4	Shoulder
6	Witaya	1	3	44	80	18	5.4	Shoulder
7	Witaya	1	9	27	27	14	5.4	Shoulder
8	Witaya	1	3	6	27	14	5.4	Shoulder
1	Witaya	0.3, p1h	274	271	2095	1166	6.3	Shoulder
2	Witaya	2	322	274	1599	848	6.3	Shoulder
3	Witaya	2	12	9	83	28	6.3	Shoulder
4	Witaya	2	44	83	177	86	6.3	Shoulder
5	Witaya	2	9	12	392	88	5.5	Shoulder
6	Witaya	2	9	12	238	43	5.5	Shoulder
7	Witaya	2	12	21	32	18	5.5	Shoulder
8	Witaya	2	3	6	6	4	5.5	Shoulder
1	Witaya	0.3, p2v	68	18	690	390	5.6	Shoulder
2	Witaya	3	71	21	732	338	5.6	Shoulder
3	Witaya	3	15	47	97	27	5.6	Shoulder
4	Witaya	3	18	15	77	28	5.6	Shoulder
5	Witaya	3	21	9	779	157	5.4	Shoulder

6	Witaya	3	9	6	637	155	5.4	Shoulder
7	Witaya	3	6	6	27	17	5.4	Shoulder
8	Witaya	3	3	18	35	6	5.4	Shoulder
1	Witaya	0.3, p2h	68	136	1030	505	7.4	Shoulder
2	Witaya	4	103	209	1018	514	7.4	Shoulder
3	Witaya	4	74	103	103	37	7.4	Shoulder
4	Witaya	4	41	65	156	47	7.4	Shoulder
5	Witaya	4	3	9	136	56	7.2	Shoulder
6	Witaya	4	3	12	109	49	7.2	Shoulder
7	Witaya	4	44	12	44	17	7.2	Shoulder
8	Witaya	4	9	89	89	14	7.2	Shoulder
1	Witaya	0.6, p1v	177	381	1207	857	5.6	Shoulder
2	Witaya	5	142	413	2027	1162	5.6	Shoulder
3	Witaya	5	18	65	68	42	5.6	Shoulder
4	Witaya	5	21	50	218	102	5.6	Shoulder
5	Witaya	5	6	3	30	12	6.2	Shoulder
6	Witaya	5	3	6	15	7	6.2	Shoulder
7	Witaya	5	9	3	24	13	6.2	Shoulder
8	Witaya	5	6	3	30	8	6.2	Shoulder
1	Witaya	0.6, p1h	354	165	1499	911	5.9	Shoulder
2	Witaya	6	218	198	1251	742	5.9	Shoulder
3	Witaya	6	9	56	56	23	5.9	Shoulder
4	Witaya	6	50	15	94	47	5.9	Shoulder
5	Witaya	6	6	59	74	39	4.9	Shoulder
6	Witaya	6	6	32	56	21	4.9	Shoulder
7	Witaya	6	9	6	13	12	4.9	Shoulder
8	Witaya	6	3	3	12	7	4.9	Shoulder
1	Witaya	0.6, p2v	97	56	1286	677	6.7	Shoulder
2	Witaya	7	97	59	2304	879	6.7	Shoulder
3	Witaya	7	44	71	103	52	6.7	Shoulder
4	Witaya	7	47	38	174	68	6.7	Shoulder
5	Witaya	7	9	3	68	25	6.4	Shoulder
6	Witaya	7	6	6	32	12	6.4	Shoulder
7	Witaya	7	12	3	30	15	6.4	Shoulder
8	Witaya	7	6	24	56	12	6.4	Shoulder
1	Witaya	0.6, p2h	183	218	1145	597	5.8	Shoulder
2	Witaya	8	177	186	1050	553	5.8	Shoulder

3	Witaya	8	12	35	100	28	5.8	Shoulder
4	Witaya	8	15	27	115	36	5.8	Shoulder
5	Witaya	8	80	24	186	82	5.5	Shoulder
6	Witaya	8	68	41	136	59	5.5	Shoulder
7	Witaya	8	12	6	30	16	5.5	Shoulder
8	Witaya	8	6	6	6	3	5.5	Shoulder
1	Witaya	0.3, p1v	59	171	221	123	5.7	Elbow
2	Witaya	9	183	767	1077	599	5.7	Elbow
3	Witaya	9	118	130	198	138	5.7	Elbow
4	Witaya	9	156	142	266	170	5.7	Elbow
5	Witaya	9	6	35	35	15	5.7	Elbow
6	Witaya	9	6	24	24	12	5.7	Elbow
7	Witaya	9	165	106	280	199	5.7	Elbow
8	Witaya	9	3	6	15	7	5.7	Elbow
1	Witaya	0.3, p1h	156	27	375	231	6.3	Elbow
2	Witaya	10	248	24	679	476	6.3	Elbow
3	Witaya	10	115	38	165	111	6.3	Elbow
4	Witaya	10	136	56	257	156	6.3	Elbow
5	Witaya	10	12	6	44	22	5.6	Elbow
6	Witaya	10	9	12	127	56	5.6	Elbow
7	Witaya	10	180	9	257	105	5.6	Elbow
8	Witaya	10	6	9	24	13	5.6	Elbow
1	Witaya	0.3, p2v	127	59	885	357	4.8	Elbow
2	Witaya	11	254	65	820	409	4.8	Elbow
3	Witaya	11	53	47	83	61	4.8	Elbow
4	Witaya	11	127	50	162	113	4.8	Elbow
5	Witaya	11	15	3	27	13	4.8	Elbow
6	Witaya	11	21	3	27	11	4.8	Elbow
7	Witaya	11	15	6	21	13	4.8	Elbow
8	Witaya	11	133	21	201	127	4.8	Elbow
1	Witaya	0.3, p2h	277	83	1316	746	5.8	Elbow
2	Witaya	12	266	165	1838	806	5.8	Elbow
3	Witaya	12	80	91	224	117	5.8	Elbow
4	Witaya	12	100	71	283	121	5.8	Elbow
5	Witaya	12	9	6	41	18	5.6	Elbow
6	Witaya	12	6	6	27	14	5.6	Elbow
7	Witaya	12	12	18	21	12	5.6	Elbow

8	Witaya	12	50	71	162	109	5.6	Elbow
1	Witaya	0.6, p1v	177	59	549	295	5.5	Elbow
2	Witaya	13	133	47	1292	527	5.5	Elbow
3	Witaya	13	236	150	313	215	5.5	Elbow
4	Witaya	13	257	94	357	215	5.5	Elbow
5	Witaya	13	6	3	71	18	7.7	Elbow
6	Witaya	13	6	3	41	16	7.7	Elbow
7	Witaya	13	145	6	322	172	7.7	Elbow
8	Witaya	13	21	18	47	16	7.7	Elbow
1	Witaya	0.6, p1h	195	212	903	508	4.6	Elbow
2	Witaya	14	304	230	1159	720	4.6	Elbow
3	Witaya	14	103	121	292	192	4.6	Elbow
4	Witaya	14	159	91	266	176	4.6	Elbow
5	Witaya	14	6	12	44	18	5.9	Elbow
6	Witaya	14	6	6	32	14	5.9	Elbow
7	Witaya	14	91	21	475	306	5.9	Elbow
8	Witaya	14	3	15	35	9	5.9	Elbow
1	Witaya	0.6, p2v	177	3	628	289	7.2	Elbow
2	Witaya	15	201	24	850	368	7.2	Elbow
3	Witaya	15	91	9	127	72	7.2	Elbow
4	Witaya	15	130	3	168	105	7.2	Elbow
5	Witaya	15	6	18	32	13	5.8	Elbow
6	Witaya	15	6	21	21	10	5.8	Elbow
7	Witaya	15	148	24	148	17	5.8	Elbow
8	Witaya	15	50	44	89	63	5.8	Elbow
1	Witaya	0.6, p2h	277	329	1168	692	4.8	Elbow
2	Witaya	16	469	496	1092	746	4.8	Elbow
3	Witaya	16	32	47	133	56	4.8	Elbow
4	Witaya	16	94	97	230	123	4.8	Elbow
5	Witaya	16	9	6	44	20	4.7	Elbow
6	Witaya	16	6	6	30	14	4.7	Elbow
7	Witaya	16	9	3	27	12	4.7	Elbow
8	Witaya	16	44	41	94	61	4.7	Elbow
1	Witaya	0.3, p1v	56	41	230	104	4.8	hip
2	Witaya	17	183	177	1050	613	4.8	hip
3	Witaya	17	127	89	404	264	4.8	hip
4	Witaya	17	165	94	286	210	4.8	hip

5	Witaya	17	18	9	62	22	6	hip
6	Witaya	17	15	9	41	21	6	hip
7	Witaya	17	148	162	499	499	6	hip
8	Witaya	17	12	15	50	50	6	hip
1	Witaya	0.3, p1h	242	192	826	499	4.6	hip
2	Witaya	18	389	448	1363	835	4.6	hip
3	Witaya	18	263	245	481	293	4.6	hip
4	Witaya	18	268	263	375	274	4.6	hip
5	Witaya	18	15	21	56	30	5.5	hip
6	Witaya	18	9	9	53	21	5.5	hip
7	Witaya	18	118	171	419	276	5.5	hip
8	Witaya	18	47	38	59	41	5.5	hip
1	Witaya	0.3, p2v	100	71	814	309	5.7	hip
2	Witaya	19	215	145	873	400	5.7	hip
3	Witaya	19	153	121	357	169	5.7	hip
4	Witaya	19	148	165	245	163	5.7	hip
5	Witaya	19	3	6	32	14	6.3	hip
6	Witaya	19	3	9	27	11	6.3	hip
7	Witaya	19	80	56	133	46	6.3	hip
8	Witaya	19	106	94	257	174	6.3	hip
1	Witaya	0.3, p2h	115	717	1404	689	6.5	hip
2	Witaya	20	218	522	1519	692	6.5	hip
3	Witaya	20	148	97	392	234	6.5	hip
4	Witaya	20	112	68	322	202	6.5	hip
5	Witaya	20	6	15	50	26	6.8	hip
6	Witaya	20	6	9	35	22	6.8	hip
7	Witaya	20	100	9	100	37	6.8	hip
8	Witaya	20	91	47	204	143	6.8	hip
1	Witaya	0.6, p1v	41	115	369	100	6	hip
2	Witaya	21	71	189	723	345	6	hip
3	Witaya	21	195	271	445	258	6	hip
4	Witaya	21	215	165	322	218	6	hip
5	Witaya	21	21	9	53	22	6.4	hip
6	Witaya	21	12	9	27	16	6.4	hip
7	Witaya	21	171	165	552	340	6.4	hip
8	Witaya	21	3	24	35	5	6.4	hip
1	Witaya	0.6, p1h	260	239	1021	579	5.2	hip

2	Witaya	22	401	251	1384	843	5.2	hip
3	Witaya	22	174	136	531	320	5.2	hip
4	Witaya	22	239	195	366	235	5.2	hip
5	Witaya	22	3	3	56	26	6.6	hip
6	Witaya	22	3	3	41	20	6.6	hip
7	Witaya	22	71	24	522	295	6.6	hip
8	Witaya	22	9	6	41	17	6.6	hip
1	Witaya	0.6, p2v	89	89	755	357	6.4	hip
2	Witaya	23	230	136	832	446	6.4	hip
3	Witaya	23	74	86	224	131	6.4	hip
4	Witaya	23	142	94	236	146	6.4	hip
5	Witaya	23	6	6	41	16	6.4	hip
6	Witaya	23	3	6	35	13	6.4	hip
7	Witaya	23	186	91	236	66	6.4	hip
8	Witaya	23	47	74	118	85	6.4	hip
1	Witaya	0.6, p2h	221	378	956	516	6.3	hip
2	Witaya	24	410	378	956	536	6.3	hip
3	Witaya	24	97	53	186	100	6.3	hip
4	Witaya	24	145	118	207	131	6.3	hip
5	Witaya	24	9	18	56	19	6.4	hip
6	Witaya	24	6	15	38	16	6.4	hip
7	Witaya	24	77	56	145	27	6.4	hip
8	Witaya	24	62	65	106	70	6.4	hip
1	Chaiya	0.3, p1v	224	195	968	629	4.9	Shoulder
2	Chaiya	1	805	268	2095	1250	4.9	Shoulder
3	Chaiya	1	3	3	30	15	4.9	Shoulder
4	Chaiya	1	6	6	62	27	4.9	Shoulder
5	Chaiya	1	18	27	204	96	5.6	Shoulder
6	Chaiya	1	24	38	153	76	5.6	Shoulder
7	Chaiya	1	6	6	27	11	5.6	Shoulder
8	Chaiya	1	6	9	18	10	5.6	Shoulder
1	Chaiya	0.3, p1h	148	307	974	589	5.8	Shoulder
2	Chaiya	2	437	416	2044	1281	5.8	Shoulder
3	Chaiya	2	3	18	27	27	5.8	Shoulder
4	Chaiya	2	3	27	80	80	5.8	Shoulder
5	Chaiya	2	12	21	145	62	5.1	Shoulder
6	Chaiya	2	9	15	56	30	5.1	Shoulder

7	Chaiya	2	6	9	21	13	5.1	Shoulder
8	Chaiya	2	6	18	35	19	5.1	Shoulder
1	Chaiya	0.3, p2v	201	106	1431	780	6.3	Shoulder
2	Chaiya	3	599	109	2776	1485	6.3	Shoulder
3	Chaiya	3	21	3	47	19	6.3	Shoulder
4	Chaiya	3	18	6	130	32	6.3	Shoulder
5	Chaiya	3	12	6	218	93	6.3	Shoulder
6	Chaiya	3	15	9	112	49	6.3	Shoulder
7	Chaiya	3	6	6	18	11	6.3	Shoulder
8	Chaiya	3	9	12	12	4	6.3	Shoulder
1	Chaiya	0.3, p2h	159	100	820	538	6.2	Shoulder
2	Chaiya	4	410	268	2210	1262	6.2	Shoulder
3	Chaiya	4	12	30	112	42	6.2	Shoulder
4	Chaiya	4	24	27	239	111	6.2	Shoulder
5	Chaiya	4	15	12	35	14	6.1	Shoulder
6	Chaiya	4	12	12	27	12	6.1	Shoulder
7	Chaiya	4	38	50	62	32	6.1	Shoulder
8	Chaiya	4	3	6	41	10	6.1	Shoulder
1	Chaiya	0.6, p1v	245	345	1543	802	6.8	Shoulder
2	Chaiya	5	649	336	1879	1222	6.8	Shoulder
3	Chaiya	5	18	24	56	23	6.8	Shoulder
4	Chaiya	5	18	47	65	34	6.8	Shoulder
5	Chaiya	5	18	12	174	82	7.6	Shoulder
6	Chaiya	5	41	12	86	43	7.6	Shoulder
7	Chaiya	5	6	3	18	9	7.6	Shoulder
8	Chaiya	5	6	3	9	6	7.6	Shoulder
1	Chaiya	0.6, p1h	183	201	1316	766	4.9	Shoulder
2	Chaiya	6	445	469	2298	1262	4.9	Shoulder
3	Chaiya	6	3	9	44	20	4.9	Shoulder
4	Chaiya	6	9	15	142	62	4.9	Shoulder
5	Chaiya	6	12	6	310	123	4.4	Shoulder
6	Chaiya	6	15	9	150	62	4.4	Shoulder
7	Chaiya	6	6	35	68	16	4.4	Shoulder
8	Chaiya	6	3	6	27	9	4.4	Shoulder
1	Chaiya	0.6, p2v	153	118	909	459	5.5	Shoulder
2	Chaiya	7	584	248	2106	1088	5.5	Shoulder
3	Chaiya	7	24	24	32	19	5.5	Shoulder

4	Chaiya	7	32	18	68	32	5.5	Shoulder
5	Chaiya	7	6	6	74	40	5	Shoulder
6	Chaiya	7	6	6	62	29	5	Shoulder
7	Chaiya	7	9	3	18	10	5	Shoulder
8	Chaiya	7	3	3	6	4	5	Shoulder
1	Chaiya	0.6, p2h	71	74	900	413	5.5	Shoulder
2	Chaiya	8	339	207	2059	1020	5.5	Shoulder
3	Chaiya	8	24	27	53	26	5.5	Shoulder
4	Chaiya	8	24	35	77	42	5.5	Shoulder
5	Chaiya	8	6	3	32	10	4.9	Shoulder
6	Chaiya	8	6	6	18	8	4.9	Shoulder
7	Chaiya	8	6	9	24	10	4.9	Shoulder
8	Chaiya	8	9	15	30	6	4.9	Shoulder
1	Chaiya	0.3, p1v	30	32	136	77	6.3	Elbow
2	Chaiya	9	142	162	947	505	6.3	Elbow
3	Chaiya	9	35	59	183	81	6.3	Elbow
4	Chaiya	9	83	106	201	101	6.3	Elbow
5	Chaiya	9	3	18	47	26	7.2	Elbow
6	Chaiya	9	3	18	32	18	7.2	Elbow
7	Chaiya	9	18	12	133	62	7.2	Elbow
8	Chaiya	9	9	9	27	15	7.2	Elbow
1	Chaiya	0.3, p1h	35	68	366	173	5.4	Elbow
2	Chaiya	10	325	215	1280	678	5.4	Elbow
3	Chaiya	10	38	47	156	92	5.4	Elbow
4	Chaiya	10	50	21	192	87	5.4	Elbow
5	Chaiya	10	9	9	127	24	5.2	Elbow
6	Chaiya	10	12	9	83	17	5.2	Elbow
7	Chaiya	10	35	15	65	16	5.2	Elbow
8	Chaiya	10	9	12	62	14	5.2	Elbow
1	Chaiya	0.3, p2v	27	38	271	129	5.8	Elbow
2	Chaiya	11	198	201	1864	898	5.8	Elbow
3	Chaiya	11	89	50	289	143	5.8	Elbow
4	Chaiya	11	27	18	162	63	5.8	Elbow
5	Chaiya	11	15	3	38	20	5	Elbow
6	Chaiya	11	15	3	44	17	5	Elbow
7	Chaiya	11	9	12	44	20	5	Elbow
8	Chaiya	11	9	9	38	22	5	Elbow

1	Chaiya	0.3, p2h	47	32	333	178	4.6	Elbow
2	Chaiya	12	186	97	1210	676	4.6	Elbow
3	Chaiya	12	9	41	127	61	4.6	Elbow
4	Chaiya	12	77	38	159	96	4.6	Elbow
5	Chaiya	12	3	3	24	9	5.8	Elbow
6	Chaiya	12	3	3	24	9	5.8	Elbow
7	Chaiya	12	38	3	68	28	5.8	Elbow
8	Chaiya	12	6	18	32	20	5.8	Elbow
1	Chaiya	0.6, p1v	21	47	221	123	5.6	Elbow
2	Chaiya	13	186	254	1519	774	5.6	Elbow
3	Chaiya	13	32	27	215	115	5.6	Elbow
4	Chaiya	13	38	21	239	117	5.6	Elbow
5	Chaiya	13	6	21	207	75	6.1	Elbow
6	Chaiya	13	6	15	115	46	6.1	Elbow
7	Chaiya	13	6	6	21	12	6.1	Elbow
8	Chaiya	13	6	6	32	12	6.1	Elbow
1	Chaiya	0.6, p1h	50	65	277	151	4.9	Elbow
2	Chaiya	14	201	239	1561	709	4.9	Elbow
3	Chaiya	14	18	24	148	81	4.9	Elbow
4	Chaiya	14	27	41	156	80	4.9	Elbow
5	Chaiya	14	9	6	41	16	3.5	Elbow
6	Chaiya	14	12	6	30	15	3.5	Elbow
7	Chaiya	14	12	18	18	11	3.5	Elbow
8	Chaiya	14	9	6	15	8	3.5	Elbow
1	Chaiya	0.6, p2v	198	18	602	354	5.2	Elbow
2	Chaiya	15	428	106	1466	763	5.2	Elbow
3	Chaiya	15	41	27	124	63	5.2	Elbow
4	Chaiya	15	97	9	177	111	5.2	Elbow
5	Chaiya	15	6	15	24	12	5.4	Elbow
6	Chaiya	15	6	12	21	11	5.4	Elbow
7	Chaiya	15	21	6	89	31	5.4	Elbow
8	Chaiya	15	15	27	44	28	5.4	Elbow
1	Chaiya	0.6, p2h	15	24	153	83	4.9	Elbow
2	Chaiya	16	50	41	637	300	4.9	Elbow
3	Chaiya	16	21	30	94	52	4.9	Elbow
4	Chaiya	16	27	30	89	48	4.9	Elbow
5	Chaiya	16	3	3	27	8	5.4	Elbow

6	Chaiya	16	3	3	21	8	5.4	Elbow
7	Chaiya	16	6	3	21	10	5.4	Elbow
8	Chaiya	16	6	6	21	11	5.4	Elbow
1	Chaiya	0.3, p1v	18	27	195	96	6.3	hip
2	Chaiya	17	106	271	838	456	6.3	hip
3	Chaiya	17	109	100	204	121	6.3	hip
4	Chaiya	17	74	89	366	209	6.3	hip
5	Chaiya	17	6	6	38	20	6.2	hip
6	Chaiya	17	6	9	35	18	6.2	hip
7	Chaiya	17	38	18	83	52	6.2	hip
8	Chaiya	17	32	15	53	30	6.2	hip
1	Chaiya	0.3, p1h	83	97	342	201	5.6	hip
2	Chaiya	18	451	711	1142	786	5.6	hip
3	Chaiya	18	62	83	171	93	5.6	hip
4	Chaiya	18	124	198	363	221	5.6	hip
5	Chaiya	18	15	9	38	15	6.5	hip
6	Chaiya	18	15	9	32	17	6.5	hip
7	Chaiya	18	27	59	94	56	6.5	hip
8	Chaiya	18	38	50	83	58	6.5	hip
1	Chaiya	0.3, p2v	50	41	357	149	6	hip
2	Chaiya	19	168	136	1549	419	6	hip
3	Chaiya	19	65	53	201	100	6	hip
4	Chaiya	19	168	112	295	160	6	hip
5	Chaiya	19	3	3	35	12	6.5	hip
6	Chaiya	19	3	3	30	11	6.5	hip
7	Chaiya	19	50	80	248	139	6.5	hip
8	Chaiya	19	30	18	133	63	6.5	hip
1	Chaiya	0.3, p2hv	62	41	378	168	6.5	hip
2	Chaiya	20	68	89	1127	437	6.5	hip
3	Chaiya	20	83	77	366	165	6.5	hip
4	Chaiya	20	142	35	336	198	6.5	hip
5	Chaiya	20	3	6	30	11	5.8	hip
6	Chaiya	20	6	6	30	11	5.8	hip
7	Chaiya	20	68	12	183	120	5.8	hip
8	Chaiya	20	21	27	201	77	5.8	hip
1	Chaiya	0.6, p1h	24	32	189	93	5.4	hip
2	Chaiya	21	50	142	493	249	5.4	hip

3	Chaiya	21	53	103	121	68	5.4	hip
4	Chaiya	21	89	145	224	132	5.4	hip
5	Chaiya	21	3	6	30	12	5.6	hip
6	Chaiya	21	6	6	30	11	5.6	hip
7	Chaiya	21	44	27	62	25	5.6	hip
8	Chaiya	21	15	18	32	19	5.6	hip
1	Chaiya	0.6, p1v	50	21	378	194	5.4	hip
2	Chaiya	22	292	97	1440	679	5.4	hip
3	Chaiya	22	53	27	221	118	5.4	hip
4	Chaiya	22	159	21	407	168	5.4	hip
5	Chaiya	22	18	3	74	22	5.4	hip
6	Chaiya	22	24	3	41	19	5.4	hip
7	Chaiya	22	142	9	233	116	5.4	hip
8	Chaiya	22	32	9	56	33	5.4	hip
1	Chaiya	0.6, p2v	44	65	339	188	5.2	hip
2	Chaiya	23	227	195	1384	729	5.2	hip
3	Chaiya	23	68	68	153	76	5.2	hip
4	Chaiya	23	80	59	292	165	5.2	hip
5	Chaiya	23	3	15	30	12	5.6	hip
6	Chaiya	23	3	9	21	12	5.6	hip
7	Chaiya	23	80	44	142	64	5.6	hip
8	Chaiya	23	18	32	109	44	5.6	hip
1	Chaiya	0.6, p2h	47	59	333	162	5.3	hip
2	Chaiya	24	127	254	1221	484	5.3	hip
3	Chaiya	24	94	68	180	90	5.3	hip
4	Chaiya	24	109	80	357	191	5.3	hip
5	Chaiya	24	3	12	27	8	6	hip
6	Chaiya	24	3	15	24	8	6	hip
7	Chaiya	24	47	38	89	52	6	hip
8	Chaiya	24	18	35	56	27	6	hip
1	Chatchawan	0.3, p1v	209	230	1103	625	8.1	Shoulder
2	Chatchawan	1	124	136	549	322	8.1	Shoulder
3	Chatchawan	1	6	32	38	15	8.1	Shoulder
4	Chatchawan	1	6	15	44	20	8.1	Shoulder
5	Chatchawan	1	6	6	30	13	5.4	Shoulder
6	Chatchawan	1	9	9	35	13	5.4	Shoulder
7	Chatchawan	1	12	41	47	17	5.4	Shoulder

8	Chatchawan	1	3	3	6	3	5.4	Shoulder
1	Chatchawan	0.3, p1h	162	53	1210	667	7.7	Shoulder
2	Chatchawan	2	100	41	563	346	7.7	Shoulder
3	Chatchawan	2	9	18	53	22	7.7	Shoulder
4	Chatchawan	2	12	6	80	45	7.7	Shoulder
5	Chatchawan	2	9	15	27	11	5.7	Shoulder
6	Chatchawan	2	9	9	21	9	5.7	Shoulder
7	Chatchawan	2	18	24	91	33	5.7	Shoulder
8	Chatchawan	2	6	6	15	7	5.7	Shoulder
1	Chatchawan	0.3, p2v	150	153	637	359	7.4	Shoulder
2	Chatchawan	3	177	221	614	371	7.4	Shoulder
3	Chatchawan	3	6	35	41	22	7.4	Shoulder
4	Chatchawan	3	12	27	65	27	7.4	Shoulder
5	Chatchawan	3	6	9	41	18	6.1	Shoulder
6	Chatchawan	3	9	12	53	21	6.1	Shoulder
7	Chatchawan	3	15	15	27	20	6.1	Shoulder
8	Chatchawan	3	3	0	3	3	6.1	Shoulder
1	Chatchawan	0.3, p2h	121	86	448	290	6	Shoulder
2	Chatchawan	4	221	94	569	328	6	Shoulder
3	Chatchawan	4	6	18	44	18	6	Shoulder
4	Chatchawan	4	9	15	41	22	6	Shoulder
5	Chatchawan	4	27	6	30	15	6.1	Shoulder
6	Chatchawan	4	24	12	35	17	6.1	Shoulder
7	Chatchawan	4	21	18	27	18	6.1	Shoulder
8	Chatchawan	4	18	6	50	7	6.1	Shoulder
1	Chatchawan	0.6, p1v	876	248	1033	698	6	Shoulder
2	Chatchawan	5	289	142	315	362	6	Shoulder
3	Chatchawan	5	9	21	38	17	6	Shoulder
4	Chatchawan	5	15	21	86	37	6	Shoulder
5	Chatchawan	5	9	24	27	13	5.7	Shoulder
6	Chatchawan	5	12	15	21	12	5.7	Shoulder
7	Chatchawan	5	15	6	50	18	5.7	Shoulder
8	Chatchawan	5	3	3	6	4	5.7	Shoulder
1	Chatchawan	0.6, p1h	596	749	1295	893	5.5	Shoulder
2	Chatchawan	6	516	372	608	429	5.5	Shoulder
3	Chatchawan	6	6	18	27	17	5.5	Shoulder
4	Chatchawan	6	12	21	80	34	5.5	Shoulder

5	Chatchawan	6	27	3	71	17	5.7	Shoulder
6	Chatchawan	6	15	3	21	9	5.7	Shoulder
7	Chatchawan	6	12	3	15	11	5.7	Shoulder
8	Chatchawan	6	6	3	6	6	5.7	Shoulder
1	Chatchawan	0.6, p2v	127	133	549	313	7.1	Shoulder
2	Chatchawan	7	145	192	561	294	7.1	Shoulder
3	Chatchawan	7	15	9	62	28	7.1	Shoulder
4	Chatchawan	7	38	12	74	25	7.1	Shoulder
5	Chatchawan	7	9	9	32	17	6.7	Shoulder
6	Chatchawan	7	12	15	38	21	6.7	Shoulder
7	Chatchawan	7	24	18	24	18	6.7	Shoulder
8	Chatchawan	7	3	0	3	2	6.7	Shoulder
1	Chatchawan	0.6, p2h	121	89	546	290	6.9	Shoulder
2	Chatchawan	8	212	80	584	311	6.9	Shoulder
3	Chatchawan	8	9	44	62	18	6.9	Shoulder
4	Chatchawan	8	15	12	35	18	6.9	Shoulder
5	Chatchawan	8	6	21	27	13	5.6	Shoulder
6	Chatchawan	8	6	18	27	15	5.6	Shoulder
7	Chatchawan	8	18	21	27	20	5.6	Shoulder
8	Chatchawan	8	3	3	9	3	5.6	Shoulder
1	Chatchawan	0.3, p1v	133	168	522	299	6.2	Elbow
2	Chatchawan	9	59	97	292	173	6.2	Elbow
3	Chatchawan	9	32	35	97	67	6.2	Elbow
4	Chatchawan	9	44	38	106	66	6.2	Elbow
5	Chatchawan	9	21	38	83	34	5.5	Elbow
6	Chatchawan	9	38	32	62	42	5.5	Elbow
7	Chatchawan	9	12	12	15	12	5.5	Elbow
8	Chatchawan	9	6	6	12	6	5.5	Elbow
1	Chatchawan	0.3, p1h	35	142	502	248	6.3	Elbow
2	Chatchawan	10	27	53	168	77	6.3	Elbow
3	Chatchawan	10	41	50	97	63	6.3	Elbow
4	Chatchawan	10	41	38	124	60	6.3	Elbow
5	Chatchawan	10	9	53	94	48	4.1	Elbow
6	Chatchawan	10	6	41	89	38	4.1	Elbow
7	Chatchawan	10	12	9	318	199	4.1	Elbow
8	Chatchawan	10	6	6	12	6	4.1	Elbow
1	Chatchawan	0.3, p2v	100	121	820	479	6.3	Elbow

2	Chatchawan	11	80	145	575	364	6.3	Elbow
3	Chatchawan	11	30	30	124	68	6.3	Elbow
4	Chatchawan	11	53	41	168	104	6.3	Elbow
5	Chatchawan	11	15	9	41	17	6.3	Elbow
6	Chatchawan	11	12	15	38	19	6.3	Elbow
7	Chatchawan	11	12	12	18	13	6.3	Elbow
8	Chatchawan	11	9	24	68	44	6.3	Elbow
1	Chatchawan	0.3, p2h	224	74	558	353	5.4	Elbow
2	Chatchawan	12	339	97	493	317	5.4	Elbow
3	Chatchawan	12	80	41	86	58	5.4	Elbow
4	Chatchawan	12	50	15	112	68	5.4	Elbow
5	Chatchawan	12	9	3	32	12	5.4	Elbow
6	Chatchawan	12	9	6	21	11	5.4	Elbow
7	Chatchawan	12	21	15	27	19	5.4	Elbow
8	Chatchawan	12	59	59	130	81	5.4	Elbow
1	Chatchawan	0.6, p1v	103	109	266	160	4.7	Elbow
2	Chatchawan	13	86	94	271	153	4.7	Elbow
3	Chatchawan	13	62	77	153	97	4.7	Elbow
4	Chatchawan	13	41	53	106	73	4.7	Elbow
5	Chatchawan	13	18	12	59	29	6.7	Elbow
6	Chatchawan	13	15	9	83	45	6.7	Elbow
7	Chatchawan	13	21	6	168	46	6.7	Elbow
8	Chatchawan	13	6	3	12	6	6.7	Elbow
1	Chatchawan	0.6, p1h	12	6	431	171	7.3	Elbow
2	Chatchawan	14	15	3	109	39	7.3	Elbow
3	Chatchawan	14	18	12	83	45	7.3	Elbow
4	Chatchawan	14	15	3	80	33	7.3	Elbow
5	Chatchawan	14	3	3	30	12	6.6	Elbow
6	Chatchawan	14	6	3	18	8	6.6	Elbow
7	Chatchawan	14	9	3	165	31	6.6	Elbow
8	Chatchawan	14	9	3	12	8	6.6	Elbow
1	Chatchawan	0.6, p2v	218	59	496	278	6.1	Elbow
2	Chatchawan	15	171	77	425	274	6.1	Elbow
3	Chatchawan	15	41	41	74	42	6.1	Elbow
4	Chatchawan	15	65	56	118	78	6.1	Elbow
5	Chatchawan	15	6	24	27	12	4.9	Elbow
6	Chatchawan	15	9	24	30	14	4.9	Elbow

7	Chatchawan	15	12	12	83	20	4.9	Elbow
8	Chatchawan	15	3	3	6	3	4.6	Elbow
1	Chatchawan	0.6, p2h	168	133	528	330	5.2	Elbow
2	Chatchawan	16	156	218	339	244	5.2	Elbow
3	Chatchawan	16	30	47	71	46	5.2	Elbow
4	Chatchawan	16	30	35	124	74	5.2	Elbow
5	Chatchawan	16	9	3	24	10	5.8	Elbow
6	Chatchawan	16	9	3	18	9	5.8	Elbow
7	Chatchawan	16	21	32	74	25	5.8	Elbow
8	Chatchawan	16	27	18	38	17	5.8	Elbow
1	Chatchawan	0.3, p1v	47	62	221	104	8.2	hip
2	Chatchawan	17	38	32	218	99	8.2	hip
3	Chatchawan	17	71	65	142	88	8.2	hip
4	Chatchawan	17	44	38	115	68	8.2	hip
5	Chatchawan	17	21	56	103	54	6.8	hip
6	Chatchawan	17	47	47	127	86	6.8	hip
7	Chatchawan	17	207	86	295	197	6.8	hip
8	Chatchawan	17	38	24	100	61	6.8	hip
1	Chatchawan	0.3,p1h	77	68	342	193	5.5	hip
2	Chatchawan	18	38	21	130	65	5.5	hip
3	Chatchawan	18	50	12	91	50	5.5	hip
4	Chatchawan	18	83	30	121	75	5.5	hip
5	Chatchawan	18	27	6	32	12	5.6	hip
6	Chatchawan	18	18	9	18	11	5.6	hip
7	Chatchawan	18	171	145	239	184	5.6	hip
8	Chatchawan	18	38	27	68	43	5.6	hip
1	Chatchawan	0.3, p2v	195	271	723	456	5.1	hip
2	Chatchawan	19	242	192	490	342	5.1	hip
3	Chatchawan	19	53	74	142	97	5.1	hip
4	Chatchawan	19	94	83	183	122	5.1	hip
5	Chatchawan	19	9	9	38	16	6	hip
6	Chatchawan	19	12	6	32	18	6	hip
7	Chatchawan	19	21	27	27	21	6	hip
8	Chatchawan	19	115	59	212	122	6	hip
1	Chatchawan	0.3, p2h	41	50	472	211	6.8	hip
2	Chatchawan	20	35	62	407	207	6.8	hip
3	Chatchawan	20	83	65	142	93	6.8	hip

4	Chatchawan	20	50	59	189	110	6.8	hip
5	Chatchawan	20	6	9	32	15	6.2	hip
6	Chatchawan	20	6	6	30	14	6.2	hip
7	Chatchawan	20	21	32	165	51	6.2	hip
8	Chatchawan	20	50	27	71	33	6.2	hip
1	Chatchawan	0.6, p1v	41	9	189	101	4.6	hip
2	Chatchawan	21	38	9	561	200	4.6	hip
3	Chatchawan	21	83	9	215	127	4.6	hip
4	Chatchawan	21	32	6	153	79	4.6	hip
5	Chatchawan	21	12	24	41	19	5.3	hip
6	Chatchawan	21	12	15	59	25	5.3	hip
7	Chatchawan	21	348	180	454	263	5.3	hip
8	Chatchawan	21	30	15	32	20	5.3	hip
1	Chatchawan	0.6, p1h	18	15	201	108	6.3	hip
2	Chatchawan	22	9	9	106	49	6.3	hip
3	Chatchawan	22	44	6	115	58	6.3	hip
4	Chatchawan	22	27	18	97	58	6.3	hip
5	Chatchawan	22	3	9	30	13	5.9	hip
6	Chatchawan	22	3	6	21	10	5.9	hip
7	Chatchawan	22	32	124	351	221	5.9	hip
8	Chatchawan	22	6	12	35	20	5.9	hip
1	Chatchawan	23	30	18	327	140	6	hip
2	Chatchawan	23	41	44	566	293	6	hip
3	Chatchawan	23	68	83	183	102	6	hip
4	Chatchawan	23	32	32	171	108	6	hip
5	Chatchawan	23	24	3	27	13	6.6	hip
6	Chatchawan	23	18	3	35	17	6.6	hip
7	Chatchawan	23	24	53	215	98	6.6	hip
8	Chatchawan	23	15	21	30	13	6.6	hip
1	Chatchawan	24	21	44	605	253	8.8	hip
2	Chatchawan	24	18	41	384	186	8.8	hip
3	Chatchawan	24	56	68	180	96	8.8	hip
4	Chatchawan	24	50	50	165	92	8.8	hip
5	Chatchawan	24	6	3	27	10	6.6	hip
6	Chatchawan	24	6	6	21	9	6.6	hip
7	Chatchawan	24	15	15	18	14	6.6	hip
8	Chatchawan	24	86	91	268	142	6.6	hip

