

Analysis of results with handicaps

The results of each team in each division were analysed for all matches where every set was played to completion. The team handicap was added to the games won for each team in a match and the difference between the two values obtained was taken as the result; positive for the team that had a bigger value (won) and negative for the other team. If the handicaps were a valid indication of the players' ability, the difference should be close to zero. From the results for each team, the difference between the two values for all matches played was analysed for the average value, the median value and the standard deviation of the values. The average value is the sum of the differences divided by the number of items. The median value is the centre value where there are an equal number of values greater than and less than the median value. The Standard Deviation is a measure of how close to the average value the items are located. Ideally the standard deviation should be small.

The columns are: Team is the team number in the particular competition; Average, Median and Standard Deviation are the statistics of the handicap results for each team; Home, Away and Total are the matches used in the analysis for each team; Adjustment is the adjustment to the handicap of the team for the second and third tables; Results are the points earned by the team at the end of the competition; Maximum and Minimum are the extremes of handicap that the teams played under.

Adult – 3x2

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-4.636	-5	10.12	5	6	11	0	68.5	131	97
2	7.208	8.75	9.18	6	6	12	0	48	153	136
3	2.542	4	10.80	6	6	12	0	85	120	92
4	-1.682	-3	8.13	6	5	11	0	84.5	110	92
5	-3.958	-6	10.53	6	6	12	0	104	100	79
Totals			48.76	29	29	58				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-0.455	-3	10.00	5	6	11	1	68.5	131	97
2	-0.042	0.75	8.79	6	6	12	-8	48	153	136
3	-0.042	1	10.24	6	6	12	-4	85	120	92
4	0.136	-2	6.95	6	5	11	-1	84.5	110	92
5	0.042	-0.5	9.34	6	6	12	1	104	100	79
Totals			45.33	29	29	58				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-1.727	-4	10.06	5	6	11	0	68.5	131	97
2	-0.042	0.75	8.48	6	6	12	-8	48	153	136
3	0.125	1.5	10.70	6	6	12	-4	85	120	92
4	0.045	-2	6.63	6	5	11	-1	84.5	110	92
5	1.292	0.5	9.41	6	6	12	2	104	100	79
Totals			45.28	29	29	58				

Saturday division 1

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	3.538	2	7.42	7	6	13	0	108	69	42
2	-0.231	1	8.14	6	7	13	0	94	57	55
3	4.571	7	8.69	7	7	14	0	73.5	80	55
4	-5.769	-4	17.16	7	6	13	0	104.5	48	27
5	-6.143	-6.5	11.77	7	7	14	0	65	62	34
6	10.833	7	10.44	6	6	12	0	67	82	69
7	-4.846	-7	7.64	6	7	13	0	45	83	63
8	-1.083	-4	10.25	6	6	12	0	59	81	61
Totals			63.62	52	52	104				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-0.077	1	6.93	7	6	13	-5	108	69	42
2	-0.077	0	6.78	6	7	13	-1	94	57	55
3	-0.286	-0.5	5.51	7	7	14	-6	73.5	80	55
4	0.000	0	13.71	7	6	13	3	104.5	48	27
5	0.429	4.5	12.28	7	7	14	4	65	62	34
6	0.250	-1	9.55	6	6	12	-11	67	82	69
7	-0.154	-1	7.51	6	7	13	2	45	83	63
8	-0.083	-0.5	10.03	6	6	12	0	59	81	61
Totals			54.76	52	52	104				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	0.538	2	7.05	7	6	13	-4	108	69	42
2	-0.846	0	6.30	6	7	13	-1	94	57	55
3	1.429	1.5	5.40	7	7	14	-4	73.5	80	55
4	-0.538	0	13.25	7	6	13	3	104.5	48	27
5	1.000	4	12.48	7	7	14	5	65	62	34
6	-2.667	-4.5	9.91	6	6	12	-13	67	82	69
7	0.385	-1	7.87	6	7	13	3	45	83	63
8	0.333	-1	10.53	6	6	12	1	59	81	61
Totals			54.39	52	52	104				

Saturday division 2

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-6.000	-6	6.90	8	5	13	0	70	86	72
2	0.600	1	10.64	7	8	15	0	119	79	69
3	0.200	6	9.76	8	7	15	0	58	103	92
4	1.000	4	9.52	7	8	15	0	82	102	80
5	-1.462	-4	9.36	5	8	13	0	65.5	108	86
6	4.667	3	9.08	8	7	15	0	89.5	104	84
Totals			55.26	43	43	86				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-0.385	-1.000	7.60	8	5	13	5	70	86	72
2	0.000	1.000	9.68	7	8	15	0	119	79	69
3	-0.400	1.000	8.97	8	7	15	0	58	103	92
4	0.400	3.000	7.82	7	8	15	0	82	102	80
5	-0.154	-3.000	9.56	5	8	13	1	65.5	108	86
6	0.467	-2.000	9.91	8	7	15	-3	89.5	104	84
Totals			53.55	43	43	86				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	0.538	0	7.07	8	5	13	6	70	86	72
2	-0.400	0	9.92	7	8	15	0	119	79	69
3	-0.800	1	9.23	8	7	15	0	58	103	92
4	-1.200	1	7.57	7	8	15	-1	82	102	80
5	0.769	-3	9.36	5	8	13	2	65.5	108	86
6	1.267	0	10.26	8	7	15	-2	89.5	104	84
Totals			53.41	43	43	86				

Saturday division 3

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	-1.615	-3	11.16	6	7	13	0	106	114	98
2	-15.462	-14	7.59	7	6	13	0	36	122	109
3	3.429	3.5	9.25	8	6	14	0	78	133	115
4	7.214	6.5	9.70	6	8	14	0	127	119	95
5	2.929	3	8.80	7	7	14	0	57	139	129
6	2.286	-0.5	12.93	7	7	14	0	91.5	120	109
Totals			59.43	41	41	82				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	0.385	1	8.15	6	7	13	3	106	114	98
2	0.385	1	7.31	7	6	13	15	36	122	109
3	-0.143	-0.5	8.46	8	6	14	-1	78	133	115
4	-0.214	0	6.82	6	8	14	-4	127	119	95
5	0.071	-0.5	8.76	7	7	14	0	57	139	129
6	-0.429	-1	8.98	7	7	14	-1	91.5	120	109
Totals			48.48	41	41	82				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	0.154	1	8.12	6	7	13	3	106	114	98
2	0.231	1	7.52	7	6	13	15	36	122	109
3	-0.357	-0.5	8.27	8	6	14	-1	78	133	115
4	-0.429	-0.5	6.69	6	8	14	-4	127	119	95
5	-0.143	-0.5	8.90	7	7	14	0	57	139	129
6	0.571	0	8.98	7	7	14	0	91.5	120	109
Totals			48.48	41	41	82				