

## Saturday Afternoon Competition 2007 - 1

### 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.

#### Saturday Seniors

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	1.889	3	5.88	5	4	9	0	74	129	106
2	-2.909	-4	8.34	5	6	11	0	34.5	137	117
3	-0.625	-1	7.60	5	3	8	0	94	101	81
4	3.400	5	10.13	4	6	10	0	98	108	98
5	-0.100	-0.5	10.61	6	4	10	0	39	149	135
6	3.556	4	7.07	4	5	9	0	117	98	86
7	-5.000	-7	7.79	4	5	9	0	89.5	104	78
			57.43	33	33	66				

#### Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-0.222	0	6.36	5	4	9	-1	74	129	106
2	-0.455	-1	7.97	5	6	11	3	34.5	137	117
3	-0.125	-0.5	9.11	5	3	8	2	94	101	81
4	0.100	1.5	9.00	4	6	10	-2	98	108	98
5	0.100	0	8.32	6	4	10	1	39	149	135
6	0.111	1	7.44	4	5	9	-2	117	98	86
7	-0.333	-2	8.12	4	5	9	6	89.5	104	78
			56.32	33	33	66				

#### Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-0.333	0	6.48	5	4	9	-1	74	<b>129</b>	<b>106</b>
2	-0.636	0	7.86	5	6	11	3	34.5	<b>137</b>	<b>117</b>
3	-0.375	0	9.84	5	3	8	2	94	<b>101</b>	<b>81</b>
4	-1.100	0.5	8.88	4	6	10	-3	98	<b>108</b>	<b>98</b>
5	0.100	0	7.96	6	4	10	1	39	<b>149</b>	<b>135</b>
6	-0.111	0	7.85	4	5	9	-2	117	<b>98</b>	<b>86</b>
7	1.556	0	8.40	4	5	9	8	89.5	<b>104</b>	<b>78</b>
			57.27	33	33	66				

**Saturday division 1**

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	1.417	1.5	9.70	7	5	12	0	74.5	59	41
2	1.818	4	15.37	5	6	11	0	56.5	66	58
3	-4.750	-4	14.07	5	7	12	0	76	57	46
4	3.727	2	9.54	6	5	11	0	74.5	68	51
5	5.600	5	10.76	4	6	10	0	122.5	52	34
6	-7.700	-2	9.67	6	4	10	0	89	57	32
			69.11	33	33	66				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-0.333	1	10.35	7	5	12	0	74.5	59	41
2	0.455	3	14.42	5	6	11	-1	56.5	66	58
3	0.333	0.5	12.69	5	7	12	5	76	57	46
4	-0.273	-3	9.33	6	5	11	-1	74.5	68	51
5	-0.300	-1.5	9.03	4	6	10	-4	122.5	52	34
6	0.100	4	9.56	6	4	10	8	89	57	32
			65.38	33	33	66				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	0.833	2.5	10.34	7	5	12	1	74.5	59	41
2	0.455	3	15.00	5	6	11	-1	56.5	66	58
3	-0.833	-0.5	12.64	5	7	12	4	76	57	46
4	0.909	-3	9.21	6	5	11	0	74.5	68	51
5	-1.300	-2.5	8.97	4	6	10	-5	122.5	52	34
6	-0.200	4	9.02	6	4	10	8	89	57	32
			65.17	33	33	66				

**Saturday division 2**

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	0.455	-1	9.74	7	5	12	0	53	99	77
2	-3.500	-3.5	10.54	5	6	11	0	43	101	75
3	7.700	10.5	12.07	5	7	12	0	98	82	68
4	-7.556	-6	11.85	6	5	11	0	49	83	74
6	1.400	-2	11.67	6	4	10	0	85	80	67
			55.88	29	27	56				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-0.091	-1	8.44	7	5	12	0	53	99	77
2	0.000	-1	9.20	5	6	11	3	43	101	75
3	0.300	4	11.67	5	7	12	-5	98	82	68
4	-0.222	0	11.66	6	5	11	6	49	83	74
6	0.000	-2.5	11.48	6	4	10	0	85	80	67
			52.45	29	27	56				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-1.091	-3	8.29	7	5	12	-1	53	99	77
2	0.375	-0.5	8.58	5	6	11	3	43	101	75
3	-0.600	3	11.92	5	7	12	-6	98	82	68
4	0.000	1	11.95	6	5	11	6	49	83	74
6	1.500	-0.5	11.57	6	4	10	1	85	80	67
			52.31	29	27	56				

**Saturday division 3**

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	-7.700	-9	9.33	5	5	10	0	46	98	86
2	13.333	13	7.21	4	5	9	0	92	104	83
3	-0.727	-3	11.13	5	6	11	0	70	101	86
4	0.625	4.5	14.45	5	3	8	0	54	112	89
5	-4.000	-3	8.41	5	5	10	0	63	98	85
			50.53	24	24	48				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	-0.100	-2.5	7.53	5	5	10	4	46	98	86
2	-0.222	0	7.43	4	5	9	-12	92	104	83
3	0.364	1	9.60	5	6	11	0	70	101	86
4	-0.125	1.5	11.53	5	3	8	-1	54	112	89
5	0.000	0	7.79	5	5	10	1	63	98	85
			43.89	24	24	48				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	-0.600	-3	7.59	5	5	10	3	46	98	86
2	0.667	1	7.21	4	5	9	-12	92	104	83
3	-0.091	1	9.67	5	6	11	-1	70	101	86
4	0.750	2.5	11.70	5	3	8	-1	54	112	89
5	-0.500	-0.5	7.68	5	5	10	0	63	98	85
			43.84	24	24	48				

**Saturday division 4**

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	9.444	11	10.38	4	5	9	0	91	113	100
2	-5.000	-3.5	9.33	5	5	10	0	55	121	105
3	-1.500	2	10.28	5	5	10	0	73.5	113	105
4	1.800	-1.5	9.74	6	4	10	0	55	129	101
5	-3.455	-4	10.64	5	6	11	0	55.5	116	101
			50.37	25	25	50				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	0.000	2	9.85	4	5	9	-9	91	113	100
2	-0.300	-1.5	7.48	5	5	10	2	55	121	105
3	0.200	3	11.23	5	5	10	0	73.5	113	105
4	-0.400	-1.5	8.55	6	4	10	-3	55	129	101
5	0.455	-2	8.86	5	6	11	2	55.5	116	101
			45.98	25	25	50				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	-1.000	1	9.49	4	5	9	-10	91	113	100
2	0.000	-1	6.99	5	5	10	2	55	121	105
3	-0.900	1.5	11.67	5	5	10	-1	73.5	113	105
4	1.100	0.5	8.75	6	4	10	-2	55	129	101
5	0.636	-1	8.96	5	6	11	2	55.5	116	101
			45.85	25	25	50				

Wednesday Night Men's Competition, 2007-1

**Wednesday division 1**

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	5.417	4	12.56	7	5	12	0	82.5	26	50
3	1.000	0.5	5.45	7	7	14	0	117	22	36
4	-5.857	-4	7.66	9	5	14	0	39.5	45	51
5	1.462	3	5.75	7	7	14	0	70.5	29	53
6	-2.769	-2	7.92	6	8	14	0	101.5	21	28
7	1.833	2.5	6.25	4	8	12	0	38.5	43	54
8	-0.167	1	10.72	6	6	12	0	115.5	23	33
Totals			56.31	46	46	92				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	-0.083	-1	11.31	7	5	12	-4	82.5	26	50
3	0.143	1	4.90	7	7	14	0	117	22	36
4	-0.286	1.5	6.26	9	5	14	5	39.5	45	51
5	0.462	1	6.48	7	7	14	-1	70.5	29	53
6	0.154	1	8.59	6	8	14	3	101.5	21	28
7	-0.250	-2	7.12	4	8	12	-1	38.5	43	54
8	-0.167	-2	8.99	6	6	12	1	115.5	23	33
Totals			53.65	46	46	92				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	0.667	0	11.53	7	5	12	-3	82.5	26	50
3	-0.143	0.5	4.83	7	7	14	0	117	22	36
4	-0.643	1	6.51	9	5	14	5	39.5	45	51
5	1.231	2	6.15	7	7	14	0	70.5	29	53
6	-0.077	1	8.45	6	8	14	3	101.5	21	28
7	-0.583	-2	6.89	4	8	12	-1	38.5	43	54
8	-0.417	-2	9.24	6	6	12	1	115.5	23	33
Totals			53.61	46	46	92				

**Wednesday division 2**

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	2.500	2	8.51	7	9	16	0	109	48	56
2	2.625	1	6.45	9	7	16	0	99	51	61
3	0.375	1	7.42	8	8	16	0	81	49	59
4	1.933	-1	9.28	8	7	15	0	53	54	65
5	-1.000	-2	7.13	8	8	16	0	88	45	53
6	-2.400	0	8.48	7	8	15	0	21	63	74
8	-4.643	-4	8.74	7	7	14	0	115	40	44
Totals			56.01	54	54	108				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	0.250	3.5	9.62	7	9	16	-7	109	48	56
2	-0.125	1.5	7.37	9	7	16	-1	99	51	61
3	-0.125	0.5	7.10	8	8	16	-1	81	49	59
4	0.200	-2	8.09	8	7	15	-3	53	54	65
5	-0.125	-2.5	7.40	8	8	16	1	88	45	53
6	0.133	3	8.92	7	8	15	3	21	63	74
8	0.357	-2	9.82	7	7	14	5	115	40	44
Totals			58.32	54	54	108				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	2.938	4.5	8.01	7	9	16	-1	109	48	56
2	0.750	0	6.14	9	7	16	-1	99	51	61
3	0.563	2	6.69	8	8	16	1	81	49	59
4	0.867	-1	8.89	8	7	15	-1	53	54	65
5	-1.625	-4	6.48	8	8	16	0	88	45	53
6	-1.800	1	8.32	7	8	15	2	21	63	74
8	-1.714	-2.5	9.17	7	7	14	4	115	40	44
Totals			53.69	54	54	108				

**Wednesday division 3**

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	-4.286	-5.5	11.19	7	7	14	0	35	65	82
2	-2.000	-2.5	6.25	8	8	16	0	106	53	72
3	0.588	2	7.51	8	9	17	0	116	54	74
4	4.188	5	6.45	8	7	15	0	82	64	80
6	1.200	5	9.87	6	9	15	0	77	64	74
7	-6.750	-7.5	6.06	8	7	15	0	39	68	77
8	6.563	7	7.41	9	7	16	0	73	68	81
Totals			54.75	54	54	108				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	-0.071	-2	10.02	7	7	14	4	35	65	82
2	0.250	0	6.08	8	8	16	2	106	53	72
3	-0.118	0	6.92	8	9	17	0	116	54	74
4	-0.438	1	5.46	8	7	15	-3	82	64	80
6	0.467	2	8.79	6	9	15	0	77	64	74
7	0.000	-0.5	5.38	8	7	15	6	39	68	77
8	-0.063	0	6.51	9	7	16	-5	73	68	81
Totals			49.16	54	54	108				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	0.571	-1.5	10.20	7	7	14	5	35	65	82
2	-0.250	0	6.02	8	8	16	2	106	53	72
3	-0.647	0	6.95	8	9	17	0	116	54	74
4	0.250	2	5.47	8	7	15	-2	82	64	80
6	0.000	1	8.92	6	9	15	0	77	64	74
7	-0.500	-1	5.24	8	7	15	6	39	68	77
8	0.688	1	6.28	9	7	16	-4	73	68	81
Totals			49.08	54	54	108				

**Wednesday division 4**

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	-4.067	-5	6.81	9	6	15	0	97	64	82
3	0.200	0	7.94	6	9	15	0	119	67	86
4	9.933	9	7.54	9	6	15	0	75	91	103
5	1.643	2	8.24	9	5	14	0	108	71	81
6	-0.769	1	8.03	5	8	13	0	39	92	100
7	-2.063	-1	9.59	7	9	16	0	82	74	85
8	-5.071	-5.5	4.73	6	8	14	0	39	74	85
Totals			52.88	51	51	102				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	-0.067	0	5.27	9	6	15	3	97	64	82
3	0.133	-1	6.38	6	9	15	0	119	67	86
4	0.267	-1	7.72	9	6	15	-8	75	91	103
5	0.000	1.5	7.11	9	5	14	-1	108	71	81
6	0.077	0	4.97	5	8	13	1	39	92	100
7	-0.375	0	8.76	7	9	16	2	82	74	85
8	0.000	-0.5	5.16	6	8	14	4	39	74	85
Totals			45.38	51	51	102				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	0.267	1	5.13	9	6	15	3	97	64	82
3	0.400	0	6.14	6	9	15	0	119	67	86
4	0.533	-1	7.87	9	6	15	-8	75	91	103
5	-0.857	0.5	7.19	9	5	14	-2	108	71	81
6	-0.769	-1	4.88	5	8	13	0	39	92	100
7	0.000	1	8.98	7	9	16	2	82	74	85
8	0.286	0	5.06	6	8	14	4	39	74	85
Totals			45.26	51	51	102				

**Wednesday division 5**

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	0.053	-5	12.16	9	10	19	0	148	53	93
2	-2.500	-1.5	13.15	9	9	18	0	127	77	94
3	15.056	17.5	12.64	8	10	18	0	89	97	114
4	12.941	8	13.04	9	8	17	0	129	91	103
5	3.059	5	14.41	10	6	16	0	114	90	101
6	0.105	-1	11.51	8	10	18	0	46	102	115
7	-18.333	-20.5	12.87	8	10	18	0	71.5	72	91
8	-9.500	-8.5	15.09	10	8	18	0	28.5	94	112
Totals			104.88	71	71	142				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	0.474	2	10.09	9	10	19	0	148	53	93
2	0.167	-0.5	10.12	9	9	18	2	127	77	94
3	-0.389	2	9.43	8	10	18	-14	89	97	114
4	-0.353	-1	7.79	9	8	17	-12	129	91	103
5	0.176	2	10.44	10	6	16	-2	114	90	101
6	-0.105	0	9.68	8	10	18	1	46	102	115
7	0.167	-1.5	10.46	8	10	18	17	71.5	72	91
8	-0.167	-1.5	8.89	10	8	18	8	28.5	94	112
Totals			76.91	71	71	142				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Min	Max
1	-1.000	1	9.82	9	10	19	-2	148	53	93
2	-1.389	-1	9.15	9	9	18	0	127	77	94
3	2.278	4	9.69	8	10	18	-12	89	97	114
4	0.176	-1	7.46	9	8	17	-12	129	91	103
5	2.882	3	8.45	10	6	16	1	114	90	101
6	-3.158	-2	9.42	8	10	18	-2	46	102	115
7	0.500	-3	11.33	8	10	18	17	71.5	72	91
8	0.111	0	9.74	10	8	18	8	28.5	94	112
Totals			75.06	71	71	142				

Geoff Trott 25/03/08