

## Saturday Afternoon Competition 2007 - 2

### 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
2	-0.857	-0.5	7.57	6	8	14	0	35	129	106
3	0.300	1	13.33	4	6	10	0	28	137	117
4	-2.167	-3.5	5.92	7	5	12	0	62.5	101	81
5	0.438	2	7.81	8	8	16	0	123	108	98
6	2.133	1	7.17	8	7	15	0	127	149	135
7	-1.833	-3.5	13.27	6	6	12	0	81	98	86
8	1.385	0	9.00	7	6	13	0	57	104	78
			64.08	46	46					

#### Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
2	0.000	0	8.55	6	8	14	2	35	129	106
3	0.100	-1.5	12.11	4	6	10	1	28	137	117
4	-0.333	-0.5	5.97	7	5	12	5	62.5	101	81
5	-0.125	1.5	8.24	8	8	16	0	123	108	98
6	0.133	0	7.96	8	7	15	-2	127	149	135
7	-0.083	0	13.19	6	6	12	4	81	98	86
8	0.231	1	9.03	7	6	13	-1	57	104	78
	Totals		65.06	46	46					

#### Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
2	-0.500	0.000	7.78	6	8	14	1	35	129	106
3	-0.100	0.000	12.89	4	6	10	0	28	137	117
4	-1.917	-3.000	5.63	7	5	12	1	62.5	101	81
5	0.125	2.000	8.14	8	8	16	0	123	108	98
6	1.800	1.000	7.37	8	7	15	0	127	149	135
7	-1.000	-2.000	13.11	6	6	12	2	81	98	86
8	1.077	0.000	9.00	7	6	13	0	57	104	78
	Totals		63.92	46	46					

**Saturday division 1**

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-0.308	-2	11.04	7	6	13	0	62	64	53
2	7.500	10.5	8.89	7	7	14	0	147	47	29
3	-5.400	-7	10.64	8	7	15	0	47	61	50
4	-0.071	3	13.32	6	8	14	0	84	61	46
5	-3.308	-4	7.09	6	7	13	0	103	50	31
6	-0.643	4	14.62	7	6	13	0	49	84	47
			65.60	41	41	82				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	0.462	-1	8.51	7	6	13	1	62	62	37
2	-0.429	1	9.00	7	7	14	-6	147	66	37
3	0.000	0	10.26	8	7	15	5	47	62	38
4	-0.500	0.5	12.03	6	8	14	0	84	66	38
5	-0.231	-1	7.72	6	7	13	3	103	64	32
6	0.000	0	14.96	7	6	13	0	49	57	32
			62.48	41	41	82				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-1.154	-2	8.27	7	6	13	0	62	62	37
2	0.357	1.5	9.24	7	7	14	-5	147	66	37
3	0.800	1	10.05	8	7	15	6	47	62	38
4	-0.857	-0.5	12.18	6	8	14	0	84	66	38
5	0.462	0	7.52	6	7	13	4	103	64	32
6	-0.024	-1	15.12	7	6	13	0	49	57	32
			62.39	41	41	82				

**Saturday division 2**

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-3.444	-2	11.15	4	5	9	0	39	99	78
2	-2.625	-2.5	9.52	4	4	8	0	83	65	59
4	13.333	17	11.42	4	5	9	0	51	95	82
5	-8.182	-10	12.02	6	5	11	0	64	73	67
6	2.000	4	11.13	6	5	11	0	93	79	68
			55.24	24	24	48				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	0.111	0	9.73	4	5	9	4	39	99	78
2	-0.375	-0.5	8.94	4	4	8	3	83	65	59
4	0.333	4	9.41	4	5	9	-10	51	95	82
5	0.000	-4	8.16	6	5	11	8	64	73	67
6	-0.091	1	9.38	6	5	11	-1	93	79	68
			45.61	24	24	48				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Results	Max	Min
1	-0.333	-1	9.70	4	5	9	4	39	99	78
2	0.375	0	8.75	4	4	8	4	83	65	59
4	-0.222	3	9.59	4	5	9	-10	51	95	82
5	-0.545	-5	8.04	6	5	11	8	64	73	67
6	0.727	1	9.51	6	5	11	0	93	79	68
			45.58	24	24	48				

**Saturday division 3**

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	1.571	3	14.00	7	7	14	0	64	113	88
2	-6.929	-6	6.76	7	7	14	0	79	90	84
3	-0.357	0.5	7.56	8	6	14	0	83.5	103	86
4	-4.846	-2	10.38	5	8	13	0	87.5	101	79
5	-0.917	-0.5	8.59	7	5	12	0	95.5	97	88
6	11.846	10	13.74	6	7	13	0	85.5	110	90
			61.05	40	40	80				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	0.357	-2	12.60	7	7	14	-2	64	113	88
2	-0.357	-2	6.39	7	7	14	5	79	90	84
3	-0.143	-1	6.72	8	6	14	-1	83.5	103	86
4	0.231	2	6.56	5	8	13	3	87.5	101	79
5	0.167	2	5.40	7	5	12	0	95.5	97	88
6	0.077	0	13.37	6	7	13	-11	85.5	110	90
			51.04	40	40	80				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	0.786	-1	13.03	7	7	14	-1	64	113	88
2	-0.286	-0.5	6.32	7	7	14	6	79	90	84
3	3.429	3.5	6.15	8	6	14	3	83.5	103	86
4	-0.923	0	5.85	5	8	13	3	87.5	101	79
5	-1.167	1	4.69	7	5	12	0	95.5	97	88
6	-2.231	-5	13.51	6	7	13	-12	85.5	110	90
			49.54	40	40	80				

**Saturday division 4**

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	3.364	3	5.55	5	6	11	0	94.5	102	89
2	-2.583	-3	7.13	6	6	12	0	53.5	121	107
3	2.100	1.5	7.99	5	5	10	0	59	125	102
4	2.182	0	9.18	5	6	11	0	85	114	95
5	-5.100	-4	7.39	6	4	10	0	32	126	95
			37.25	27	27	54				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	-0.364	0	6.2	5	6	11	-1	94.5	102	89
2	0.167	-1	6.7	6	6	12	4	53.5	121	107
3	-0.100	0.5	6.67	5	5	10	0	59	125	102
4	0.273	1	8.27	5	6	11	0	85	114	95
5	0	0.5	7.16	6	4	10	6	32	126	95
			35	27	27	54				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	total	adjustment	Result	Max	Min
1	-0.364	0	6.2	5	6	11	-1	94.5	102	89
2	0.167	-1	6.7	6	6	12	4	53.5	121	107
3	-0.100	0.5	6.67	5	5	10	0	59	125	102
4	0.273	1	8.27	5	6	11	0	85	114	95
5	0	0.5	7.16	6	4	10	6	32	126	95
			35	27	27	54				

Wednesday Night Men's Competition, 2007-2

**Wednesday division 1**

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	3.625	3	9.00	7	9	16	0	102.5	49	27
2	-1.250	0.5	6.78	9	7	16	0	44	58	32
3	-1.750	-3.5	8.14	9	7	16	0	99.5	36	22
4	2.600	0	9.41	6	9	15	0	129	33	16
5	2.143	1	9.45	8	6	14	0	76.5	63	30
6	-5.267	-9	9.44	7	8	15	0	86.5	39	23
Totals			52.21	46	46	92				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.188	2	8.26	7	9	16	-2	102.5	49	27
2	-0.063	0.5	7.33	9	7	16	3	44	58	32
3	-0.438	-3.5	8.31	9	7	16	3	99.5	36	22
4	0.400	0	8.67	6	9	15	0	129	33	16
5	0.000	0	9.45	8	6	14	0	76.5	63	30
6	-0.067	-3	8.35	7	8	15	6	86.5	39	23
Totals			50.38	46	46	92				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.875	1.5	8.19	7	9	16	-1	102.5	49	27
2	-1.188	0	6.98	9	7	16	2	44	58	32
3	-0.625	-3.5	8.18	9	7	16	3	99.5	36	22
4	1.467	0	8.45	6	9	15	1	129	33	16
5	-0.143	-0.5	9.57	8	6	14	0	76.5	63	30
6	-0.333	-3	8.83	7	8	15	6	86.5	39	23
Totals			50.19	46	46	92				

**Wednesday division 2**

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	6.067	5	9.68	7	8	15	0	110	53	43
3	2.000	4	11.76	6	9	15	0	104	53	48
4	3.867	4	9.55	8	7	15	0	62	66	44
5	-6.154	-5	11.77	9	4	13	0	85	54	37
6	-10.000	-10.5	5.49	6	8	14	0	23	60	52
7	6.400	2	9.19	7	8	15	0	131	50	40
8	-4.077	-5	9.73	7	6	13	0	47	52	50
Totals			67.17	50	50	100				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-0.333	-1	8.98	7	8	15	-5	110	53	43
3	-0.067	2	9.16	6	9	15	-2	104	53	48
4	0.467	3	8.28	8	7	15	-3	62	66	44
5	-0.385	0	9.95	9	4	13	5	85	54	37
6	0.071	-2.5	6.39	6	8	14	8	23	60	52
7	-0.267	-3	8.37	7	8	15	-6	131	50	40
8	0.077	0	7.14	7	6	13	3	47	52	50
Totals			58.27	50	50	100				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.867	0	9.22	7	8	15	-4	110	53	43
3	-1.000	2	9.47	6	9	15	-3	104	53	48
4	-0.667	2	8.09	8	7	15	-4	62	66	44
5	-0.538	1	10.16	9	4	13	5	85	54	37
6	0.143	-2	6.18	6	8	14	8	23	60	52
7	1.000	-1	8.29	7	8	15	-5	131	50	40
8	0.000	-1	6.66	7	6	13	3	47	52	50
Totals			58.07	50	50	100				

**Wednesday division 3**

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-0.643	1	8.16	7	7	14	0	109	73	57
3	-5.600	-5	8.53	7	8	15	0	44	98	71
4	-1.067	-2	8.71	8	7	15	0	95	72	60
5	4.000	5.5	7.77	8	8	16	0	136	69	54
6	0.308	-3	10.73	7	6	13	0	72	79	61
7	4.250	1	8.94	6	6	12	0	46	91	78
8	-0.667	-2	11.30	7	8	15	0	36	92	74
Totals			64.15	50	50	100				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.357	2.000	7.80	7	7	14	1	109	73	57
3	0.267	0.000	8.52	7	8	15	5	44	98	71
4	-0.200	0.000	8.66	8	7	15	1	95	72	60
5	0.125	2.000	7.27	8	8	16	-3	136	69	54
6	-0.231	-3.000	9.74	7	6	13	0	72	79	61
7	0.167	-2.000	9.34	6	6	12	-3	46	91	78
8	-0.467	-1.000	10.56	7	8	15	0	36	92	74
Totals			61.89	50	50	100				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.000	1.5	7.79	7	7	14	1	109	73	57
3	-0.067	0	8.40	7	8	15	5	44	98	71
4	-0.467	0	8.61	8	7	15	1	95	72	60
5	-0.188	1	7.40	8	8	16	-3	136	69	54
6	-0.385	-3	9.85	7	6	13	0	72	79	61
7	0.917	-1	8.98	6	6	12	-2	46	91	78
8	0.333	0	10.81	7	8	15	1	36	92	74
Totals			61.83	50	50	100				

**Wednesday division 4**

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	5.100	3	7.79	10	10	20	0	96	98	79
2	-10.667	-11.5	7.72	9	9	18	0	74	84	71
3	-2.313	-2.5	7.82	6	10	16	0	79	86	78
4	-0.118	-2	11.12	10	7	17	0	63	96	68
5	-1.263	-1	8.76	10	9	19	0	109	85	71
6	4.353	2	9.42	10	7	17	0	124	91	68
7	1.000	1.5	8.17	8	10	18	0	91	87	78
8	3.588	4	8.42	8	9	17	0	122	80	70
Totals			69.22	71	71	142				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.850	-0.5	7.15	10	10	20	-6	96	98	79
2	-5.556	-6	7.73	9	9	18	3	74	84	71
3	0.563	0	6.16	6	10	16	1	79	86	78
4	0.941	0	10.19	10	7	17	0	63	96	68
5	1.316	2	8.60	10	9	19	1	109	85	71
6	1.000	0	8.26	10	7	17	-4	124	91	68
7	0.944	1	6.97	8	10	18	-1	91	87	78
8	1.471	0	7.71	8	9	17	-3	122	80	70
Totals			62.78	71	71	142				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	1.350	1.5	7.07	10	10	20	-4	96	98	79
2	-0.111	0	7.56	9	9	18	9	74	84	71
3	0.688	1	5.79	6	10	16	2	79	86	78
4	-0.353	0	9.53	10	7	17	0	63	96	68
5	0.947	-2	8.71	10	9	19	2	109	85	71
6	-0.706	-1	7.46	10	7	17	-4	124	91	68
7	-0.667	0.5	6.53	8	10	18	-1	91	87	78
8	-0.235	-2	8.12	8	9	17	-3	122	80	70
Totals			60.76	71	71	142				

**Wednesday division 5**

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
2	-0.857	-0.5	7.57	6	8	14	0	35	113	101
3	0.300	1	13.33	4	6	10	0	28	108	96
4	-2.167	-3.5	5.92	7	5	12	0	62.5	104	90
5	0.438	2	7.81	8	8	16	0	123	94	78
6	2.133	1	7.17	8	7	15	0	127	93	83
7	-1.833	-3.5	13.27	6	6	12	0	81	101	89
8	1.385	0	9.00	7	6	13	0	57	108	98
Totals			64.08	46	46					

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
2	0.000	0	8.55	6	8	14	2	35	113	101
3	0.100	-1.5	12.11	4	6	10	1	28	108	96
4	-0.333	-0.5	5.97	7	5	12	5	62.5	104	90
5	-0.125	1.5	8.24	8	8	16	0	123	94	78
6	0.133	0	7.96	8	7	15	-2	127	93	83
7	-0.083	0	13.19	6	6	12	4	81	101	89
8	0.231	1	9.03	7	6	13	-1	57	108	98
Totals			65.06	46	46					

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
2	-0.500	0.000	7.78	6	8	14	1	35	113	101
3	-0.100	0.000	12.89	4	6	10	0	28	108	96
4	-1.917	-3.000	5.63	7	5	12	1	62.5	104	90
5	0.125	2.000	8.14	8	8	16	0	123	94	78
6	1.800	1.000	7.37	8	7	15	0	127	93	83
7	-1.000	-2.000	13.11	6	6	12	2	81	101	89
8	1.077	0.000	9.00	7	6	13	0	57	108	98
Totals			63.92	46	46					

Geoff Trott 25/03/08