

Wednesday Night Men's Competition, 2009 - 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.

Wednesday Night Men's Competition

Wednesday division 1

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	1.533	0	4.73	7	8	15	0	84	48	35
2	2.714	2.5	6.44	8	6	14	0	119	37	23
3	-0.143	-3	6.20	5	9	14	0	116.5	35	19
4	-5.800	-6	6.96	8	7	15	0	72.5	41	28
5	1.412	3	6.66	9	8	17	0	85	53	31
6	0.941	0	6.80	9	8	17	0	63	55	48
Totals			37.79	46	46	92				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-0.333	-1	4.30	7	8	15	-1	84	48	35
2	0.429	1.5	6.24	8	6	14	-1	119	37	23
3	-0.071	-1.5	5.27	5	9	14	1	116.5	35	19
4	0.333	0	7.00	8	7	15	6	72.5	41	28
5	0.118	2	5.43	9	8	17	0	85	53	31
6	0.059	1	6.93	9	8	17	0	63	55	48
Totals			35.17	46	46	92				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-0.333	-1	4.30	7	8	15	-1	84	48	35
2	0.429	1.5	6.24	8	6	14	-1	119	37	23
3	-0.071	-1.5	5.27	5	9	14	1	116.5	35	19
4	0.333	0	7.00	8	7	15	6	72.5	41	28
5	0.118	2	5.43	9	8	17	0	85	53	31
6	0.059	1	6.93	9	8	17	0	63	55	48
Totals			35.17	46	46	92				

Wednesday division 2

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-2.824	-4	5.46	9	8	17	0	73.5	73	56
2	-0.944	1	8.67	8	10	18	0	106	72	50
3	0.421	-1	7.16	11	8	19	0	116.5	55	55
4	-5.529	-4	6.60	8	9	17	0	50.5	71	60
5	5.375	3	8.11	9	7	16	0	131.5	59	54
6	0.714	1.5	8.70	6	8	14	0	98.5	68	44
7	5.474	5	7.68	9	10	19	0	102	75	54
8	-3.063	0.5	9.84	8	8	16	0	77.5	72	58
Totals			62.20	68	68	136				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.235	-1	5.47	9	8	17	3	73.5	73	56
2	-0.111	1.5	8.37	8	10	18	1	106	72	50
3	-0.263	-2	6.63	11	8	19	0	116.5	55	55
4	-0.059	0	5.75	8	9	17	5	50.5	71	60
5	0.313	0.5	7.67	9	7	16	-4	131.5	59	54
6	0.000	1.5	8.63	6	8	14	0	98.5	68	44
7	0.211	0	6.44	9	10	19	-4	102	75	54
8	-0.313	0	7.98	8	8	16	3	77.5	72	58
Totals			56.95	68	68	136				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.235	-1	5.47	9	8	17	3	73.5	73	56
2	-0.111	1.5	8.37	8	10	18	1	106	72	50
3	-0.263	-2	6.63	11	8	19	0	116.5	55	55
4	-0.059	0	5.75	8	9	17	5	50.5	71	60
5	0.313	0.5	7.67	9	7	16	-4	131.5	59	54
6	0.000	1.5	8.63	6	8	14	0	98.5	68	44
7	0.211	0	6.44	9	10	19	-4	102	75	54
8	-0.313	0	7.98	8	8	16	3	77.5	72	58
Totals			56.95	68	68	136				

Wednesday division 3

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-5.091	-8	6.91	6	5	11	0	52	87	70
2	-0.625	-2.5	10.44	8	8	16	0	88	77	61
3	4.000	6.5	10.65	7	7	14	0	86.25	80	63
4	-2.200	-1	8.65	6	9	15	0	70.25	82	62
5	2.462	7	10.99	7	6	13	0	63.5	84	75
6	2.200	1	5.36	3	2	5	0		90	75
Totals			52.99	37	37	74				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.273	0.000	6.589	6	5	11	6	71.5	77	66
2	0.313	-4.500	9.965	8	8	16	2	101.5	73	60
3	-0.214	1.500	11.116	7	7	14	-2	97	75	67
4	-0.200	1.000	8.411	6	9	15	3	80	76	69
5	0.000	4.000	9.781	7	6	13	-1	97.5	75	72
6	-0.400	0.000	3.507	3	2	5	-1	75.5	81	72
Totals			49.37	37	37	74				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.818	0	6.85	6	5	11	6	71.5	77	66
2	4.563	0	10.74	8	8	16	5	101.5	73	60
3	-3.643	-2	11.71	7	7	14	-5	97	75	67
4	-2.400	-4	9.22	6	9	15	1	80	76	69
5	0.385	3	8.55	7	6	13	-1	97.5	75	72
6	0.000	0	1.22	3	2	5	-1	75.5	81	72
Totals			48.30	37	37	74				

Wednesday division 4

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-0.294	1	7.38	8	9	17	0	103	85	77
2	2.833	4.5	7.29	10	8	18	0	116	85	75
3	0.533	2	7.68	7	8	15	0	83	93	85
4	-3.167	-4.5	8.25	10	8	18	0	68.5	96	77
5	0.063	-1	8.48	8	8	16	0	100	82	75
6	0.125	-0.5	8.32	7	9	16	0	70.5	98	89
Totals			47.40	50	50	100				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.353	2	7.96	8	9	17	1	103	85	77
2	0.000	0	7.15	10	8	18	-2	116	85	75
3	0.200	1	7.45	7	8	15	0	83	93	85
4	0.056	-0.5	7.93	10	8	18	3	68.5	96	77
5	-0.438	-0.5	7.78	8	8	16	0	100	82	75
6	-0.188	-1.5	8.27	7	9	16	0	70.5	98	89
Totals			46.53	50	50	100				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.235	1	7.89	8	9	17	1	103	85	77
2	-0.167	0	7.11	10	8	18	-2	116	85	75
3	0.000	1	7.36	7	8	15	0	83	93	85
4	-0.167	-0.5	8.09	10	8	18	3	68.5	96	77
5	0.563	0.5	7.78	8	8	16	1	100	82	75
6	-0.438	-1.5	8.28	7	9	16	0	70.5	98	89
Totals			46.51	50	50	100				

Wednesday division 5

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	2.286	5	10.12	7	7	14	0	124	103	94
2	-2.067	-1	11.87	9	6	15	0	102	110	87
3	0.846	0	9.89	7	6	13	0	113	102	88
4	-3.091	-5	10.06	5	6	11	0	88	118	95
5	-7.700	-10	11.69	5	5	10	0	19.5	120	120
6	7.615	9	9.31	5	8	13	0	91.5	112	107
Totals			62.93	38	38	76				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-0.143	2	9.16	7	7	14	-2	124	103	94
2	0.000	3	12.60	9	6	15	2	102	110	87
3	-0.308	-1	8.40	7	6	13	-1	113	102	88
4	0.091	-2	9.79	5	6	11	3	88	118	95
5	0.100	-2.5	9.52	5	5	10	6	19.5	120	120
6	0.308	4	8.24	5	8	13	-6	91.5	112	107
Totals			57.71	38	38	76				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.571	1.500	9.27	7	7	14	-2	124	103	94
2	-0.600	2.000	13.12	9	6	15	1	102	110	87
3	-0.923	0.000	8.22	7	6	13	-2	113	102	88
4	0.818	-2.000	9.68	5	6	11	3	88	118	95
5	2.200	-1.000	9.32	5	5	10	7	19.5	120	120
6	-1.385	1.000	7.88	5	8	13	-8	91.5	112	107
Totals			57.49	38	38	76				