

Wednesday Night Men's Competition, 2009 - 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.

Wednesday Night Men's Competition

Wednesday division 1

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-4.538	-2	9.17	6	7	13	0	54.5	44	32
2	1.857	2	8.16	7	7	14	0	116.5	38	22
3	-7.867	-4	10.43	6	9	15	0	106.5	34	21
4	4.200	3	7.54	8	7	15	0	108	42	37
5	-1.533	-3	9.30	9	6	15	0	63.5	55	43
6	6.938	8	11.64	8	8	16	0	89	67	35
Totals			56.24	44	44	88				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.231	1	9.24	6	7	13	5	54.5	44	32
2	0.000	-2	7.41	7	7	14	1	116.5	38	22
3	0.000	-1	8.72	6	9	15	8	106.5	34	21
4	0.333	3	7.42	8	7	15	-1	108	42	37
5	-0.267	-1	9.12	9	6	15	2	63.5	55	43
6	-0.250	0.5	10.04	8	8	16	-4	89	67	35
Totals			51.95	44	44	88				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.231	2	9.18	6	7	13	5	54.5	44	32
2	0.000	-2	7.08	7	7	14	1	116.5	38	22
3	-1.133	-2	8.72	6	9	15	7	106.5	34	21
4	0.400	3	7.35	8	7	15	-1	108	42	37
5	0.867	0	9.13	9	6	15	3	63.5	55	43
6	-0.313	0	10.39	8	8	16	-4	89	67	35
Totals			51.85	44	44	88				

Wednesday division 2

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-1.067	2	7.36	6	9	15	0	71	78	65
2	0.357	1	6.42	7	7	14	0	86.5	71	60
3	2.786	2	5.69	7	7	14	0	85.5	79	64
4	2.200	2	5.80	9	6	15	0	108.5	66	57
5	-0.308	-3	7.91	7	6	13	0	94.5	68	56
6	-3.800	-4	6.30	7	8	15	0	93	59	51
Totals			39.48	43	43	86				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-0.333	0	7.06	6	9	15	2	71	78	65
2	0.000	2	6.58	7	7	14	0	86.5	71	60
3	0.071	-0.5	5.03	7	7	14	-2	85.5	79	64
4	0.400	0	5.00	9	6	15	-1	108.5	66	57
5	-0.077	-2	7.84	7	6	13	1	94.5	68	56
6	-0.067	0	5.92	7	8	15	4	93	59	51
Totals			37.42	43	43	86				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-1.067	-1	6.92	6	9	15	1	71	78	65
2	0.000	2	6.58	7	7	14	0	86.5	71	60
3	0.214	-0.5	5.03	7	7	14	-2	85.5	79	64
4	0.600	0	5.10	9	6	15	-1	108.5	66	57
5	0.077	-2	7.88	7	6	13	1	94.5	68	56
6	0.200	1	5.89	7	8	15	4	93	59	51
Totals			37.39	43	43	86				

Wednesday division 3

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-2.692	-5	10.94	5	8	13	0	71.5	77	66
2	1.400	1	7.84	9	6	15	0	101.5	73	60
3	1.167	2	5.95	5	7	12	0	97	75	67
4	-2.313	-2	9.55	9	7	16	0	80	76	69
5	3.231	3	10.37	6	7	13	0	97.5	75	72
6	-0.333	-2	5.45	8	7	15	0	75.5	81	72
Totals			50.10	42	42	84				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-0.077	-1.000	9.844	5	8	13	2	71.5	77	66
2	-0.267	-1.000	8.111	9	6	15	-2	101.5	73	60
3	0.083	1.000	5.807	5	7	12	-1	97	75	67
4	0.500	2.000	9.886	9	7	16	2	80	76	69
5	0.000	0.000	9.644	6	7	13	-3	97.5	75	72
6	-0.267	-1.000	5.800	8	7	15	0	75.5	81	72
Totals			49.09	42	42	84				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.846	-1	10.25	5	8	13	3	71.5	77	66
2	-0.667	-1	7.87	9	6	15	-2	101.5	73	60
3	1.250	2	5.74	5	7	12	0	97	75	67
4	-1.125	0	10.11	9	7	16	1	80	76	69
5	0.923	1	9.56	6	7	13	-2	97.5	75	72
6	-0.667	-1	5.46	8	7	15	0	75.5	81	72
Totals			48.99	42	42	84				

Wednesday division 4

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-1.400	-1	8.69	4	6	10	0	62.5	103	89
2	1.692	3	8.45	6	7	13	0	110	89	81
3	2.800	2	8.03	9	6	15	0	109	87	77
4	2.313	2.5	7.03	7	9	16	0	109	87	77
5	-2.615	-3	7.41	8	5	13	0	91.5	89	78
6	-5.538	-8	6.45	6	7	13	0	82.5	97	74
7	4.455	4	7.99	7	4	11	0	75	100	86
8	-2.000	-3	9.53	6	9	15	0	109	89	77
Totals			63.59	53	53	106				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-0.100	2	7.40	4	6	10	3	62.5	103	89
2	-0.308	-2	7.40	6	7	13	1	110	89	81
3	-0.067	-1	7.38	9	6	15	-1	109	87	77
4	-0.500	1	6.54	7	9	16	-1	109	87	77
5	0.000	2	8.42	8	5	13	4	91.5	89	78
6	-0.077	-2	5.56	6	7	13	6	82.5	97	74
7	0.273	0	7.75	7	4	11	-3	75	100	86
8	-0.400	1	8.69	6	9	15	2	109	89	77
Totals			59.14	53	53	106				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	2.100	3.5	6.08	4	6	10	5	62.5	103	89
2	-3.154	-4	7.27	6	7	13	-1	110	89	81
3	0.733	-1	7.23	9	6	15	0	109	87	77
4	0.563	1.5	7.09	7	9	16	0	109	87	77
5	0.538	2	8.55	8	5	13	5	91.5	89	78
6	-0.462	-2	5.41	6	7	13	6	82.5	97	74
7	-3.182	-4	7.19	7	4	11	-6	75	100	86
8	0.667	4	9.49	6	9	15	3	109	89	77
Totals			58.31	53	53	106				

Wednesday division 5

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.375	-1	11.15	8	8	16	0	86.5	105	96
2	-0.111	0	11.12	6	3	9	0	82.5	105	90
3	4.000	3.5	6.28	4	8	12	0	98.5	106	86
4	-10.000	-9	7.43	5	3	8	0	23.5	120	107
5	6.417	8.5	9.88	5	7	12	0	114	96	91
6	-3.846	-5	7.81	7	6	13	0	45.5	110	104
Totals			53.66	35	35	70				

Adjusted for averages closest to zero

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	0.125	-1.5	9.04	8	8	16	1	86.5	105	96
2	-0.222	1	12.56	6	3	9	0	82.5	105	90
3	0.083	0	3.96	4	8	12	-1	98.5	106	86
4	0.000	1.5	7.41	5	3	8	9	23.5	120	107
5	-0.083	2.5	9.39	5	7	12	-4	114	96	91
6	0.000	-1	7.70	7	6	13	3	45.5	110	104
Totals			50.07	35	35	70				

Adjusted to minimize sum of standard deviations

Team	Average	Median	St dev	Home	Away	Total	Adjustment	Results	Max	Min
1	-0.125	-1.500	9.02	8	8	16	0	86.5	105	96
2	-0.556	1.000	12.68	6	3	9	-1	82.5	105	90
3	-0.167	0.000	3.71	4	8	12	-2	98.5	106	86
4	0.000	1.500	7.41	5	3	8	8	23.5	120	107
5	-0.333	2.500	9.45	5	7	12	-5	114	96	91
6	1.000	0.000	7.70	7	6	13	3	45.5	110	104
Totals			49.97	35	35	70				