

Model Evaluation 2017

Data Golf

April 10, 2017

The tables in this document provides all information on the model's overall performance to date. To understand the tables, let's focus on the first row and the two columns under the heading "Win" of the first table. The second column gives the number of (i.e. the "N") players we have predicted to have a 0% – 2% chance of winning a tournament. The third column gives the percentage of these players that actually went on to win. The columns under the headings "Top 5", "Top 20", and "Made Cut" are similarly interpreted. If the model is performing well, we want the percentages under "Actual" for each category (Win, Top 5, Top 20, Made Cut) to be in the interval specified for that row under "Prediction".

The first table classifies predictions into finer intervals (2% at a time), while the second table uses broader intervals (10%). The former is better for evaluating wins (where most predictions are under 6%), while the latter is better for evaluating made cuts (where a good amount of predictions fall anywhere between 20% and 80%).

8-Week Model Evaluation: 2% Intervals

Prediction	Win		Top 5		Top 20		Made Cut	
	N	Actual	N	Actual	N	Actual	N	Actual
0% - 2%	789	0.38%	310	1.61%	34	5.88%	0	
2% - 4%	43	4.65%	243	3.7%	18	11.11%	0	
4% - 6%	7	14.29%	134	8.96%	58	3.45%	0	
6% - 8%	5	0%	81	7.41%	81	7.41%	2	0%
8% - 10%	4	25%	27	3.7%	92	6.52%	1	0%
10% - 12%	3	0%	18	11.11%	102	7.84%	1	0%
12% - 14%	0		7	28.57%	70	17.14%	1	0%
14% - 16%	0		12	8.33%	52	21.15%	0	
16% - 18%	0		6	33.33%	49	20.41%	0	
18% - 20%	0		0		56	32.14%	7	14.29%
20% - 22%	0		1	0%	40	20%	5	20%
22% - 24%	0		2	0%	33	27.27%	7	28.57%
24% - 26%	0		3	0%	31	29.03%	4	25%
26% - 28%	0		1	0%	29	24.14%	5	40%
28% - 30%	0		2	50%	23	17.39%	4	0%
30% - 32%	0		3	0%	13	23.08%	8	50%
32% - 34%	0		1	100%	13	7.69%	5	20%
34% - 36%	0		0		8	37.5%	6	66.67%
36% - 38%	0		0		7	28.57%	7	14.29%
38% - 40%	0		0		9	88.89%	19	26.32%
40% - 42%	0		0		8	50%	19	15.79%
42% - 44%	0		0		2	50%	25	48%
44% - 46%	0		0		7	85.71%	34	35.29%
46% - 48%	0		0		2	0%	48	35.42%
48% - 50%	0		0		1	0%	49	59.18%
50% - 52%	0		0		1	0%	50	46%
52% - 54%	0		0		1	0%	51	41.18%
54% - 56%	0		0		3	33.33%	49	51.02%
56% - 58%	0		0		1	0%	44	47.73%
58% - 60%	0		0		1	100%	41	60.98%
60% - 62%	0		0		1	100%	40	60%
62% - 64%	0		0		2	50%	35	68.57%
64% - 66%	0		0		1	100%	25	64%
66% - 68%	0		0		2	100%	42	76.19%
68% - 70%	0		0		0		37	78.38%
70% - 72%	0		0		0		28	64.29%
72% - 74%	0		0		0		12	58.33%
74% - 76%	0		0		0		18	83.33%
76% - 78%	0		0		0		14	78.57%
78% - 80%	0		0		0		12	58.33%
80% - 82%	0		0		0		5	80%
82% - 84%	0		0		0		5	100%
84% - 86%	0		0		0		6	83.33%
86% - 88%	0		0		0		2	100%
88% - 90%	0		0		0		3	33.33%
90% - 92%	0		0		0		0	
92% - 94%	0		0		0		0	
94% - 96%	0		0		0		1	100%
96% - 98%	0		0		0		0	
98% - 100%	0		0		0		74	100%

8-Week Model Evaluation: 10% Intervals

Prediction	Win		Top 5		Top 20		Made Cut	
	N	Actual	N	Actual	N	Actual	N	Actual
0% - 10%	848	0.83%	795	4.15%	283	6.36%	3	0%
10% - 20%	3	0%	43	16.28%	329	17.93%	9	11.11%
20% - 30%	0		9	11.11%	156	23.72%	25	24%
30% - 40%	0		4	25%	50	34%	45	33.33%
40% - 50%	0		0		20	55%	175	41.71%
50% - 60%	0		0		7	28.57%	235	48.94%
60% - 70%	0		0		6	83.33%	179	69.83%
70% - 80%	0		0		0		84	69.05%
80% - 90%	0		0		0		21	80.95%
90% - 100%	0		0		0		75	100%