New and Improved Power Ranking (NIPR)

Nipr={all cats}; Bopper={run,hr,rbi,tb}; Pitchin={w,sv,k,era,whip}

Team	NIPR	NIPR Rank	BOPPER	BOPPER Rank	PITCHIN	PITCHIN Rank
Bay City Brawlers	-45	13	64	5	-126	14
Boston Poindexters	43	1	-11	8	76	1
CRYOGENIC TEDS	18	6	70	3	2	9
KGG Baseball 2019	-3	8	-32	10	19	4
Killer Maltese	26	5	80	2	16	5
Killer Rabbits	-16	11	-21	9	-36	13
Naperville Jellyfish	38	2	152	1	-33	12
Notorious BE AR D	2	7	15	7	16	6
Plano Tiburon	-8	9	-44	11	22	3
PTBNL	-41	12	-126	13	-4	10
RBI's all day	-68	14	-164	14	8	8
SATX Elephants	-11	10	-104	12	42	2
Southern Rockets	31	4	52	6	-10	11
Vatican City Popes	33	3	69	4	8	7

Week 14

NIPR for Special Category Areas

NIPR-1={all cats except your worst}; PQUAL={era,whip}; PQUAN={win,sv,k}

Team	NIPR-1	NIPR-1 Rank	PQUAL	PQUAL Rank	PQUAN	PQUAN Rank
Bay City Brawlers	-25	12	-109	12	-137	14
Boston Poindexters	59	2	195	1	-4	9
CRYOGENIC TEDS	32	6	-15	8	13	7
KGG Baseball 2019	4	9	36	6	7	8
Killer Maltese	45	4	49	5	-5	10
Killer Rabbits	-6	11	-37	10	-35	12
Naperville Meerkats	63	1	-121	13	26	6
Notorious BE AR D	16	7	51	4	-7	11
Plano Tiburon	6	8	1	7	37	4
PTBNL	-30	13	-131	14	80	1
RBI's all day	-55	14	-38	11	39	2
SATX Elephants	4	10	54	3	35	5
Southern Rockets	51	3	100	2	-83	13
Vatican City Popes	44	5	-35	9	37	3

NIPR Category Data

Category Z-score * 100. Average is 0. One stdev better than average is 100. And 1 stdev worse is -100.

Run	Hr	Rbi	Sb	Tb	W	Sv	K	Era	Whip	NIPR
166	61	13	-70	14	-200	10	-222	-10	-209	-45
82	-26	-58	99	-41	45	-97	41	212	178	43
34	83	74	-108	90	111	-44	-30	29	-60	18
-62	17	-30	7	-52	22	-4	2	65	8	-3
38	122	46	-146	114	-89	169	-96	9	88	26
-2	-83	0	107	1	-22	-4	-79	-104	29	-16
102	153	216	-62	137	145	-190	122	-166	-77	38
-6	39	16	-123	13	22	-70	27	59	44	2
-135	-26	-20	-16	4	-45	96	58	-49	51	-8
-127	-109	-129	115	-138	-45	183	102	-144	-118	-41
-179	-135	-155	-70	-187	134	-70	53	-45	-31	-68
-18	-140	-132	99	-128	22	-10	92	48	59	-11
110	-79	89	153	87	-145	30	-134	102	98	31
-2	122	69	15	87	45	3	63	-7	-62	33
	166 82 34 -62 38 -2 102 -6 -135 -127 -179 -18 110	166 61 82 -26 34 83 -62 17 38 122 -2 -83 102 153 -6 39 -135 -26 -127 -109 -179 -135 -18 -140 110 -79	166 61 13 82 -26 -58 34 83 74 -62 17 -30 38 122 46 -2 -83 0 102 153 216 -6 39 16 -135 -26 -20 -127 -109 -129 -179 -135 -155 -18 -140 -132 110 -79 89	166 61 13 -70 82 -26 -58 99 34 83 74 -108 -62 17 -30 7 38 122 46 -146 -2 -83 0 107 102 153 216 -62 -6 39 16 -123 -135 -26 -20 -16 -127 -109 -129 115 -179 -135 -155 -70 -18 -140 -132 99 110 -79 89 153	166 61 13 -70 14 82 -26 -58 99 -41 34 83 74 -108 90 -62 17 -30 7 -52 38 122 46 -146 114 -2 -83 0 107 1 102 153 216 -62 137 -6 39 16 -123 13 -135 -26 -20 -16 4 -127 -109 -129 115 -138 -179 -135 -155 -70 -187 -18 -140 -132 99 -128 110 -79 89 153 87	166 61 13 -70 14 -200 82 -26 -58 99 -41 45 34 83 74 -108 90 111 -62 17 -30 7 -52 22 38 122 46 -146 114 -89 -2 -83 0 107 1 -22 102 153 216 -62 137 145 -6 39 16 -123 13 22 -135 -26 -20 -16 4 -45 -127 -109 -129 115 -138 -45 -179 -135 -155 -70 -187 134 -18 -140 -132 99 -128 22 110 -79 89 153 87 -145	166 61 13 -70 14 -200 10 82 -26 -58 99 -41 45 -97 34 83 74 -108 90 111 -44 -62 17 -30 7 -52 22 -4 38 122 46 -146 114 -89 169 -2 -83 0 107 1 -22 -4 102 153 216 -62 137 145 -190 -6 39 16 -123 13 22 -70 -135 -26 -20 -16 4 -45 96 -127 -109 -129 115 -138 -45 183 -179 -135 -155 -70 -187 134 -70 -18 -140 -132 99 -128 22 -10 110 -79 89 153 87 -145 30	166 61 13 -70 14 -200 10 -222 82 -26 -58 99 -41 45 -97 41 34 83 74 -108 90 111 -44 -30 -62 17 -30 7 -52 22 -4 2 38 122 46 -146 114 -89 169 -96 -2 -83 0 107 1 -22 -4 -79 102 153 216 -62 137 145 -190 122 -6 39 16 -123 13 22 -70 27 -135 -26 -20 -16 4 -45 96 58 -127 -109 -129 115 -138 -45 183 102 -179 -135 -155 -70 -187 134 -70 53 -18 -140 -132 99 -128 22 -10 92 <	166 61 13 -70 14 -200 10 -222 -10 82 -26 -58 99 -41 45 -97 41 212 34 83 74 -108 90 111 -44 -30 29 -62 17 -30 7 -52 22 -4 2 65 38 122 46 -146 114 -89 169 -96 9 -2 -83 0 107 1 -22 -4 -79 -104 102 153 216 -62 137 145 -190 122 -166 -6 39 16 -123 13 22 -70 27 59 -135 -26 -20 -16 4 -45 96 58 -49 -127 -109 -129 115 -138 -45 183 102 -144 -179 -135 -155 -70 -187 134 -70 53 <td>166 61 13 -70 14 -200 10 -222 -10 -209 82 -26 -58 99 -41 45 -97 41 212 178 34 83 74 -108 90 111 -44 -30 29 -60 -62 17 -30 7 -52 22 -4 2 65 8 38 122 46 -146 114 -89 169 -96 9 88 -2 -83 0 107 1 -22 -4 -79 -104 29 102 153 216 -62 137 145 -190 122 -166 -77 -6 39 16 -123 13 22 -70 27 59 44 -135 -26 -20 -16 4 -45 96 58 -49 51 -127 -109 -129 115 -138 -45 183 102 -144</td>	166 61 13 -70 14 -200 10 -222 -10 -209 82 -26 -58 99 -41 45 -97 41 212 178 34 83 74 -108 90 111 -44 -30 29 -60 -62 17 -30 7 -52 22 -4 2 65 8 38 122 46 -146 114 -89 169 -96 9 88 -2 -83 0 107 1 -22 -4 -79 -104 29 102 153 216 -62 137 145 -190 122 -166 -77 -6 39 16 -123 13 22 -70 27 59 44 -135 -26 -20 -16 4 -45 96 58 -49 51 -127 -109 -129 115 -138 -45 183 102 -144

NIPR Explanation

May 2013

The goal of the NIPR is to give a statistical measure of a team's performance, independent of head-to-head weekly competition. The NIPR measures a team's statistical performance in each category (cat) over the whole season.

For each cat, the NIPR is a team's Z-score for that cat times 100. I multiply by 100, so that the NIPR is a whole number. The Z-score is the number of standard deviations either better or worse than average for a cat. An average performance gives a NIPR of 0, no better or worse than average.

Example: Assume the league average is 9 homers per week and the stdev is 1.

If Team Z averages 9 homers per week, their NIPR is 0.

If team X averages 10 homers per week, then their NIPR for homers is 100.

If Team Y averages 11 homers per week, their NIPR is 200.

If Team DOP averages 8 homers per week, their NIPR is -100.

Other NIPR scores are simply the averages over multiple categories:

NIPR = average(all cats)

NIPR-1 = average(all cats except team's worst)

BOPPER = average(run,hr,rbi,tb)

PQUAN=average(win,k)

PQUAL=average(era,whip)