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	-69	14	-49	11	-92	13
Boston Poindexters	-18	9	99	2	-105	14
CRYOGENIC TEDS	-23	10	-13	6	-31	9
KGG Baseball 2018	36	3	3	5	71	3
Killer Maltese	5	8	-87	14	103	2
Naperville Meerkats	79	1	208	1	25	6
Notorious BE AR D	28	4	97	3	-7	8
Plano Tiburon	24	5	-46	10	109	1
PTBNL	-47	12	-69	12	-56	10
RBI's all day	6	7	-35	8	19	7
San Antonio Kindness	63	2	30	4	66	4
Southern Rockets	-59	13	-72	13	-78	12
Thomas's Okay Team	14	6	-36	9	38	5
Vatican City Popes	-39	11	-30	7	-60	11

Week 12

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	-59	14	-56	10	-117	13
Boston Poindexters	2	9	1	7	-176	14
CRYOGENIC TEDS	-14	10	-86	12	5	9
KGG Baseball 2018	49	3	118	2	40	6
Killer Maltese	30	6	99	3	105	1
Naperville Meerkats	106	1	28	6	22	7
Notorious BE AR D	45	4	-112	13	63	5
Plano Tiburon	40	5	144	1	86	2
PTBNL	-35	12	-75	11	-44	11
RBI's all day	15	8	78	4	-21	10
San Antonio Kindness	73	2	65	5	66	4
Southern Rockets	-45	13	-39	9	-104	12
Thomas's Okay Team	28	7	-7	8	68	3
Vatican City Popes	-24	11	-158	14	6	8

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
21	-59	-113	-33	-45	-104	-106	-141	46	-158	-69
191	93	26	-47	85	-166	-195	-166	1	-0	-18
-94	31	73	-26	-61	34	-27	8	-66	-105	-23
21	-86	-11	-11	88	9	80	31	136	100	36
-215	31	-81	-112	-83	159	62	95	76	122	5
91	232	262	-162	248	-54	53	68	-4	60	79
36	135	84	-69	134	-16	186	18	-101	-124	28
-49	-38	-52	-119	-47	146	18	95	168	119	24
-69	-45	-78	89	-83	9	-151	11	-143	-6	-47
-74	-3	9	104	-70	9	-9	-64	66	91	6
61	3	64	183	-9	109	-27	116	55	76	63
-14	-135	-101	82	-37	-153	27	-185	-64	-14	-59
106	-114	-75	89	-61	59	89	57	-0	-14	14
-9	-45	-6	32	-61	-41	0	58	-169	-147	-39
	21 191 -94 21 -215 91 36 -49 -69 -74 61 -14	21 -59 191 93 -94 31 21 -86 -215 31 91 232 36 135 -49 -38 -69 -45 -74 -3 61 3 -14 -135 106 -114	21 -59 -113 191 93 26 -94 31 73 21 -86 -11 -215 31 -81 91 232 262 36 135 84 -49 -38 -52 -69 -45 -78 -74 -3 9 61 3 64 -14 -135 -101 106 -114 -75	21 -59 -113 -33 191 93 26 -47 -94 31 73 -26 21 -86 -11 -11 -215 31 -81 -112 91 232 262 -162 36 135 84 -69 -49 -38 -52 -119 -69 -45 -78 89 -74 -3 9 104 61 3 64 183 -14 -135 -101 82 106 -114 -75 89	21 -59 -113 -33 -45 191 93 26 -47 85 -94 31 73 -26 -61 21 -86 -11 -11 88 -215 31 -81 -112 -83 91 232 262 -162 248 36 135 84 -69 134 -49 -38 -52 -119 -47 -69 -45 -78 89 -83 -74 -3 9 104 -70 61 3 64 183 -9 -14 -135 -101 82 -37 106 -114 -75 89 -61	21 -59 -113 -33 -45 -104 191 93 26 -47 85 -166 -94 31 73 -26 -61 34 21 -86 -11 -11 88 9 -215 31 -81 -112 -83 159 91 232 262 -162 248 -54 36 135 84 -69 134 -16 -49 -38 -52 -119 -47 146 -69 -45 -78 89 -83 9 -74 -3 9 104 -70 9 61 3 64 183 -9 109 -14 -135 -101 82 -37 -153 106 -114 -75 89 -61 59	21 -59 -113 -33 -45 -104 -106 191 93 26 -47 85 -166 -195 -94 31 73 -26 -61 34 -27 21 -86 -11 -11 88 9 80 -215 31 -81 -112 -83 159 62 91 232 262 -162 248 -54 53 36 135 84 -69 134 -16 186 -49 -38 -52 -119 -47 146 18 -69 -45 -78 89 -83 9 -151 -74 -3 9 104 -70 9 -9 61 3 64 183 -9 109 -27 -14 -135 -101 82 -37 -153 27 106 -114 -75 89 -61 59 89	21 -59 -113 -33 -45 -104 -106 -141 191 93 26 -47 85 -166 -195 -166 -94 31 73 -26 -61 34 -27 8 21 -86 -11 -11 88 9 80 31 -215 31 -81 -112 -83 159 62 95 91 232 262 -162 248 -54 53 68 36 135 84 -69 134 -16 186 18 -49 -38 -52 -119 -47 146 18 95 -69 -45 -78 89 -83 9 -151 11 -74 -3 9 104 -70 9 -9 -64 61 3 64 183 -9 109 -27 116 -14 -135 -101 82 -37 -153 27 -185	21 -59 -113 -33 -45 -104 -106 -141 46 191 93 26 -47 85 -166 -195 -166 1 -94 31 73 -26 -61 34 -27 8 -66 21 -86 -11 -11 88 9 80 31 136 -215 31 -81 -112 -83 159 62 95 76 91 232 262 -162 248 -54 53 68 -4 36 135 84 -69 134 -16 186 18 -101 -49 -38 -52 -119 -47 146 18 95 168 -69 -45 -78 89 -83 9 -151 11 -143 -74 -3 9 104 -70 9 -9 -64 66 61 3 64 183 -9 109 -27 116	21 -59 -113 -33 -45 -104 -106 -141 46 -158 191 93 26 -47 85 -166 -195 -166 1 -0 -94 31 73 -26 -61 34 -27 8 -66 -105 21 -86 -11 -11 88 9 80 31 136 100 -215 31 -81 -112 -83 159 62 95 76 122 91 232 262 -162 248 -54 53 68 -4 60 36 135 84 -69 134 -16 186 18 -101 -124 -49 -38 -52 -119 -47 146 18 95 168 119 -69 -45 -78 89 -83 9 -151 11 -143 -6 -74 -3 9 104 -70 9 -9 -64 66

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)