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	47	4		89	2		34	4
CRYOGENIC TEDS	55	3		194	1		-34	9
KGG 2015	81	1		88	3		65	2
Killer Maltese	57	2		13	5		108	1
Naperville Weeners	8	6		-41	9		59	3
Plainfield Shutouts	-89	12		-69	10		-138	12
Plano Tiburon	-9	7		-32	8		30	6
Prague Y!	-29	9		-109	12		-10	8
RBI's all day	-77	11		-93	11		-76	11
The Giant Squid	12	5		-28	6		32	5
Vatican City Popes	-26	8		19	4		-63	10
Winterfell Beardsmen	-30	10		-31	7		-6	7

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	4		41	4		74	4
CRYOGENIC TEDS	76	2		-0	6		-21	8
KGG 2015	97	1		-28	9		123	1
Killer Maltese	68	3		100	2		86	3
Naperville Weeners	23	5		-4	7		101	2
Plainfield Shutouts	-74	12		-149	12		-165	11
Plano Tiburon	2	7		4	5		37	5
Prague Y!	-12	8		181	1		-173	12
RBI's all day	-69	11		-100	10		-27	9
The Giant Squid	21	6		75	3		-12	7
Vatican City Popes	-13	9		-111	11		-32	10
Winterfell Beardsmen	-17	10		-10	8		9	6

NIPR Category Data

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

Team	Run	Hr	Rbi	Sb	Tb	W	Sv	K	Era	Whip	NIPR
Bay City Brawlers	70	93	78	-52	113	12	-63	137	44	38	47
CRYOGENIC TEDS	211	239	179	-52	146	-37	-129	-6	-4	4	55
KGG 2015	158	-53	129	134	118	110	135	137	-63	7	81
Killer Maltese	0	69	27	-21	-44	110	168	62	113	86	57
Naperville Weeners	0	-28	-124	-52	-10	110	102	92	13	-20	8
Plainfield Shutouts	-53	-77	-23	72	-122	-183	-63	-148	-73	-224	-89
Plano Tiburon	-53	-53	-36	-114	12	12	69	62	50	-41	-9
Prague Y!	-70	-28	-175	196	-161	-183	-63	-163	205	156	-29
RBI's all day	-123	-150	2	-21	-100	12	-129	-66	-134	-66	-77
The Giant Squid	-70	-28	40	72	-55	12	36	-36	33	117	12
Vatican City Popes	0	45	-36	-21	68	-37	-30	-28	-144	-78	-26
Winterfell Beardsmen	-70	-28	-61	-145	34	61	-30	-43	-39	20	-30

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)