

San Diego Luck Report. LM3

Before you see the luck tables, please familiarize yourself with metrics and calculations. Feel free to send us feedback.

Keep in mind, we had to use OPR after LM3 to measure relative strength of an individual team.

OPR - Team OPR after LM3 (FTC Scout)

Ally OPR Observed - Average OPR of ally team over all games (LM1-3, total 17 games)

Ally OPR Projected - Average OPR of all possible alliance teams

Ally OPR Diff- Difference between observed and projected Ally OPR

Opposing OPR Observed - Average OPR of opposing alliance teams over all games

Opposing OPR Projected - Average OPR of all possible pairs of opposing alliance teams

Opposing OPR Diff- Difference between observed and projected Opposing OPR

InPower Games Observed - # of games where team's alliance OPR was \geq Opposing OPR

!InPower Games Observed - # of games where team's alliance OPR was $<$ Opposing OPR

InPower Games Projected- Percentage of all pairs where team's alliance OPR was \geq Opposing OPR multiplied by total number of games played

!InPower Games Projected - Percentage of all pairs where team's alliance OPR was $<$ Opposing OPR multiplied by total number of games played

1. Lovelace.

Lovelace												
Team	TeamName	OPR	Ally Obs	Ally Prj	Ally Diff	Opp Obs	Opp Prj	Opp Diff	InPwr Obs	InPwr Prj	NotInPwr Obs	NotInPwr Prj
14496	Roboctopi	124.46	51.14	44.59	6.55	87.42	89.18	-1.76	16	16	1	1
23251	Triple Fault	104.50	57.05	46.40	10.65	108.39	92.81	15.58	12	14	5	3
12499	Gear Up	99.94	62.67	46.82	15.85	109.35	93.64	15.71	13	13	4	4
4216	RoH	63.50	49.04	50.13	-1.09	110.37	100.26	10.11	10	11	8	7
18263	HIGH VOLTAGE	52.17	45.37	51.16	-5.79	103.75	102.32	1.43	10	9	7	8
5015	Buffalo Wings	28.96	48.39	53.27	-4.88	103.71	106.54	-2.83	5	7	12	10
3848	Shockwave	28.90	46.98	53.28	-6.30	91.15	106.55	-15.40	9	7	8	10
9049	RoboPuffs	24.26	57.33	53.70	3.63	103.64	107.4	-3.76	9	6	8	11
22650	BishBot	24.14	58.00	53.71	4.29	107.87	107.42	0.45	4	4	8	8
14338	CAOS	23.31	54.40	53.78	0.62	106.39	107.57	-1.18	5	5	12	12
6226	Bambusa	21.45	43.38	53.95	-10.57	105.05	107.91	-2.86	2	5	15	12
7609	Lions	19.35	51.99	54.14	-2.15	111.30	108.29	3.01	5	5	12	12

2. Tao.

Tao												
Team	TeamName	OPR	Ally Obs	Ally Prj	Ally Diff	Opp Obs	Opp prj	Opp Diff	InPwr Obs	InPwr Prj	NotInPwr Obs	NotInPwr Prj
11212	The Clueless	135.28	58.74	61.84	-3.10	132.42	123.68	8.74	15	14	2	3
24664	RoBusted	124.73	62.36	62.80	-0.44	133.99	125.59	8.40	12	14	5	3
16884	Mech Advantage	108.78	57.11	64.25	-7.14	137.41	128.49	8.92	12	12	5	5
5131	Pointers	108.51	63.84	64.27	-0.43	132.43	128.54	3.89	12	12	5	5
23280	C.A.R.T	89.27	46.71	66.02	-19.31	126.13	132.04	-5.91	6	10	11	7
24730	Robo Valley	57.89	79.39	68.87	10.52	140.85	137.75	3.10	10	8	7	9
18142	Team Fusion	56.55	88.05	69.00	19.05	133.91	137.99	-4.08	11	8	6	9
11128	Inspiration	42.17	68.36	70.30	-1.94	140.59	140.61	-0.02	6	6	11	11
24029	CHS Nado Bots	27.49	70.11	71.64	-1.53	135.68	143.27	-7.59	4	5	13	12
8380	UC Robotics	23.45	66.78	72.00	-5.22	139.93	144.01	-4.08	6	5	11	12
24142	Steel Vengeance	22.74	73.29	72.07	1.22	143.11	144.14	-1.03	2	5	15	12
22105	Runtime Terror	18.64	80.77	72.44	8.33	134.56	144.88	-10.32	6	4	11	13

3. Euler.

Euler												
Team	TeamName	OPR	Ally Obs	Ally Prj	Ally Diff	Opp Obs	Opp prj	Opp Diff	InPwr Obs	InPwr Prj	NotInPwr Obs	NotInPwr Prj
16192	Prepare to ALT+F4	79.94	43.04	43.31	-0.27	89.86	86.61	3.25	14	15	3	2
10809	Crow Force	71.68	43.36	44.06	-0.70	92.70	88.12	4.58	13	13	4	4
16687	A/C Units	62.59	44.32	44.88	-0.56	89.11	89.77	-0.66	12	12	5	5
8097	Botcats	59.96	43.60	45.12	-1.52	87.22	90.25	-3.03	13	11	4	6
7159	Robo Ravens	52.43	46.11	45.81	0.30	96.40	91.62	4.78	10	10	7	7
9261	Level Up	50.92	39.36	45.95	-6.59	95.90	91.89	4.01	5	9	12	8
23997	Catalysts	40.28	51.05	46.91	4.14	95.84	93.83	2.01	8	7	9	10
4262	Ridgebots	38.98	47.86	47.03	0.83	86.29	94.06	-7.77	6	7	11	10
9266	Pyrobots	36.02	46.58	47.30	-0.72	95.84	94.60	1.24	8	7	9	10
22321	Holy Calves	23.52	49.24	48.44	0.80	90.90	96.87	-5.97	5	4	12	13
15097	Python	22.42	49.18	48.54	0.64	94.65	97.07	-2.42	4	4	13	13
23673	Mech-A-Mind	17.58	52.62	48.98	3.64	97.94	97.95	-0.01	4	3	13	14

4. Hypatia.

Hypatia												
Team	TeamName	OPR	Ally Obs	Ally Prj	Ally Diff	Opp Obs	Opp prj	Opp Diff	InPwr Obs	InPwr Prj	NotInPwr Obs	NotInPwr Prj
15171	Scorpio	77.20	25.93	29.56	-3.63	62.85	59.13	3.72	16	16	1	1
10793	Voltrons	66.51	29.65	30.54	-0.89	67.41	61.07	6.34	12	14	5	3
11285	PATENT PENDING	58.37	29.11	31.28	-2.17	58.59	62.55	-3.96	14	13	3	4
9164	Zorrobots	38.87	30.00	33.05	-3.05	67.14	66.10	1.04	8	9	9	8
14129	EGG	34.33	31.18	33.46	-2.28	58.03	66.92	-8.89	9	9	8	9
23696	KFC	32.83	37.85	33.60	4.25	72.74	67.20	5.54	7	9	10	9
21303	Pandamonium	27.05	31.05	34.12	-3.07	78.13	68.25	9.88	7	7	10	10
1622	Team Spyder	20.63	36.58	34.71	1.87	71.17	69.41	1.76	7	7	11	11
12778	Tech Empire	20.14	40.52	34.75	5.77	63.79	69.50	-5.71	7	6	10	11
20422	Team Spyder Too	12.89	42.75	35.41	7.34	77.07	70.82	6.25	6	5	11	12
3650	Torrey Techies	8.91	40.72	35.77	4.95	72.72	71.55	1.17	5	5	13	13
20167	LCtronics	4.68	34.93	36.16	-1.23	72.45	72.31	0.14	2	3	9	8

5. Pythagoras.

Pythagoras												
Team	TeamName	OPR	Ally Obs	Ally Prj	Ally Diff	Opp Obs	Opp prj	Opp Diff	InPwr Obs	InPwr Prj	NotInPwr Obs	NotInPwr Prj
14535	Alpacas	64.22	34.48	32.89	1.59	64.70	65.79	-1.09	18	17	0	1
24111	Coyote CODEX	53.42	36.86	34.09	2.77	67.01	68.19	-1.18	13	14	4	3
20355	Keep It Simple 2	44.92	34.91	35.04	-0.13	72.37	70.08	2.29	11	12	7	6
14968	Matador Mechanics	36.49	34.03	35.98	-1.95	69.87	71.95	-2.08	10	9	7	9
24312	EGG	31.88	40.09	36.49	3.60	75.17	72.98	2.19	6	7	11	10
15146	GarageBot	30.15	35.21	36.68	-1.47	76.63	73.36	3.27	6	7	11	10
6016	Ironwolves	28.16	38.53	36.90	1.63	78.04	73.80	4.24	6	7	12	11
24218	BurritoBots	25.35	39.14	37.21	1.93	74.65	74.43	0.22	6	5	11	12
8606	RSF ID	24.02	34.84	37.36	-2.52	74.54	74.72	-0.18	5	4	7	8
24298	Post-Production	21.66	37.11	37.62	-0.51	78.85	75.25	3.60	3	5	14	12

6. Diophantus.

Diophantus												
Team	TeamName	OPR	Ally Obs	Ally Prj	Ally Diff	Opp Obs	Opp prj	Opp Diff	InPwr Obs	InPwr Prj	NotInPwr Obs	NotInPwr Prj
19743	Definitely Human	142.39	43.83	42.33	1.50	81.65	84.67	-3.02	17	16	0	1
21239	All Systems Go	129.55	46.35	43.50	2.85	82.86	87.00	-4.14	14	15	3	2
10092	Green.Griffins	62.18	55.47	49.62	5.85	90.59	99.25	-8.66	12	11	5	6
18365	Dapper RN	49.79	43.05	50.75	-7.70	95.29	101.50	-6.21	10	10	7	7
22529	RoboGOATs	40.64	47.98	51.58	-3.60	96.66	103.17	-6.51	9	8	8	9
9892	EngiNERDs	40.43	47.51	51.60	-4.09	101.45	103.20	-1.75	8	8	9	9
22567	Xbots	27.74	58.91	52.76	6.15	111.33	105.51	5.82	5	6	12	11
13089	E T Brigade	26.88	55.51	52.83	2.68	119.63	105.67	13.96	5	6	12	11
24041	Parker Panthers	25.48	44.87	52.96	-8.09	99.37	105.92	-6.55	6	6	11	11
13084	Robot Raiders	22.60	50.12	53.22	-3.10	104.59	106.45	-1.86	6	6	11	11
9367	TorreyTT	20.41	60.65	53.42	7.23	117.77	106.84	10.93	5	5	12	12
23676	Bumble Bee	19.96	53.80	53.46	0.34	114.92	106.93	7.99	5	5	12	12