

Sheet1

Miguel Cabrera	151	665	570	188	34	0	40	107	131	87	94	4	4	1	0.33	0.42
Joey Votto	155	683	549	172	43	2	25	94	113	124	122	5	5	2	0.313	0.441
Mike Trout	145	654	558	173	28	10	25	119	99	82	125	8	35	6	0.31	0.402
Carlos Gonzalez	138	604	535	163	32	6	29	96	100	60	132	4	23	4	0.305	0.376
Paul Goldschmidt	156	685	585	171	36	3	34	101	114	89	141	4	14	3	0.292	0.385
Giancarlo Stanton	140	612	522	141	32	2	36	101	110	80	166	7	5	2	0.27	0.373
Edwin Encarnacion	143	619	528	146	33	0	35	98	112	80	74	6	5	1	0.277	0.375
David Ortiz	133	577	499	149	37	1	26	89	96	74	87	1	2	1	0.299	0.388
Andrew McCutchen	156	686	594	183	35	5	25	94	103	79	111	8	26	8	0.308	0.394
Troy Tulowitzki	135	589	520	159	32	2	27	91	97	60	85	4	5	1	0.306	0.379
Bryce Harper	143	631	544	156	31	6	29	98	101	79	116	4	15	4	0.287	0.379
Prince Fielder	156	677	584	169	36	1	33	97	113	76	105	12	1	0	0.289	0.38
Ryan Braun	152	668	591	179	34	4	29	96	105	66	128	7	20	4	0.303	0.377
Joe Mauer	146	647	558	179	40	2	14	87	86	83	98	3	4	2	0.321	0.41
David Wright	144	633	550	168	35	3	22	90	92	75	103	4	18	4	0.305	0.39
Shin-Soo Choo	146	667	559	161	33	3	20	116	84	89	129	17	18	5	0.288	0.4
Chris Davis	154	671	593	161	37	1	41	105	119	65	200	8	5	2	0.272	0.349
Jose Bautista	132	581	493	129	25	1	33	95	97	79	90	5	5	2	0.262	0.367
Robinson Cano	152	667	591	181	41	2	24	91	96	63	85	8	5	1	0.306	0.378
Freddie Freeman	153	667	585	176	35	2	25	91	99	68	129	7	4	1	0.301	0.376
Carlos Quentin	111	474	401	109	27	0	19	64	74	47	80	21	0	0	0.272	0.373
Matt Holliday	138	607	528	154	32	1	22	86	87	66	102	9	4	1	0.292	0.377
Jayson Werth	135	594	516	151	28	2	21	83	84	68	109	6	11	2	0.293	0.379
Buster Posey	137	595	520	160	33	1	18	78	83	62	81	6	4	1	0.308	0.383
Adrian Beltre	147	642	587	179	33	1	29	94	98	43	77	6	1	0	0.305	0.355
Justin Upton	150	664	578	161	31	4	28	101	96	71	146	10	11	3	0.279	0.364
Evan Longoria	149	650	571	158	35	2	31	96	100	67	132	6	5	2	0.277	0.355
Yasiel Puig	146	649	578	167	31	7	26	102	92	52	144	14	19	7	0.289	0.359
Brandon Belt	151	642	564	164	37	5	20	83	94	68	133	6	6	2	0.291	0.371
Albert Pujols	135	591	521	149	32	0	27	84	89	58	70	5	4	1	0.286	0.359
Jason Heyward	147	669	585	161	32	4	25	119	85	75	120	6	14	4	0.275	0.362
Jay Bruce	155	662	588	156	40	3	34	95	108	65	160	4	6	2	0.265	0.34
Mike Napoli	134	566	486	124	32	2	24	78	88	72	174	6	2	1	0.255	0.357
Allen Craig	133	571	518	158	31	1	18	69	81	42	100	5	3	0	0.305	0.359
Anthony Rizzo	155	680	597	161	40	2	28	94	98	71	122	8	5	2	0.27	0.353
Carlos Santana	149	644	545	146	34	2	22	80	92	90	115	3	4	2	0.268	0.371
Hanley Ramirez	134	592	539	156	31	3	23	83	82	46	107	5	16	4	0.289	0.35
Darin Ruf	78	320	274	71	15	0	15	45	48	35	93	7	0	0	0.259	0.353
Ryan Zimmerman	134	583	520	147	29	2	23	77	85	58	113	2	4	1	0.283	0.355
Aramis Ramirez	134	575	511	147	28	1	21	73	84	48	81	11	1	0	0.288	0.358
Matt Kemp	126	541	487	142	28	2	22	70	81	45	128	4	15	3	0.292	0.353
Billy Butler	152	654	579	172	37	0	20	78	91	66	98	4	1	0	0.297	0.37
Matt Carpenter	151	687	598	179	39	6	11	106	69	73	101	8	5	2	0.299	0.378
Josh Donaldson	152	672	592	168	34	2	21	89	87	69	119	7	5	1	0.284	0.363
Jason Kipnis	154	685	595	166	35	8	19	97	84	77	133	5	32	5	0.279	0.362
Brandon Moss	136	576	509	132	26	2	29	82	92	56	159	7	4	2	0.259	0.339
Eric Hosmer	156	682	618	183	36	3	22	87	90	58	101	1	15	3	0.296	0.355
Josh Willingham	125	540	457	114	25	0	24	72	81	65	136	13	1	0	0.249	0.356
Chase Utley	132	583	506	141	25	6	18	76	74	57	76	14	8	1	0.279	0.364
Wil Myers	150	637	569	157	32	5	25	83	94	58	151	4	8	2	0.276	0.344
Carlos Beltran	130	567	514	146	25	3	24	76	81	47	93	2	4	1	0.284	0.344
Nick Swisher	141	608	517	136	31	1	21	75	85	82	126	4	3	2	0.263	0.365
Alex Gordon	155	685	611	176	40	5	18	92	83	64	133	6	13	4	0.288	0.359

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Dustin Pedroia	153	684	605	181	40	3	14	95	78	69	70	3	17	4	0.299	0.37
Adam Jones	155	676	634	185	33	2	31	93	99	26	126	10	15	4	0.292	0.327
Xander Bogaerts	141	579	508	142	28	4	17	70	76	58	122	8	8	4	0.28	0.359
Khris Davis	141	579	508	136	26	1	25	78	84	51	122	13	6	2	0.268	0.345
Kole Calhoun	137	583	517	146	25	6	18	71	80	57	106	4	11	3	0.282	0.355
Jose Abreu	140	598	545	149	31	0	26	79	90	53	133	0	3	0	0.273	0.338
Chris Carter	143	608	517	121	25	2	32	86	96	80	191	4	3	0	0.234	0.337
Chase Headley	146	633	551	153	33	2	18	75	81	72	138	6	11	3	0.278	0.365
Dexter Fowler	139	627	538	146	22	8	15	98	70	82	134	5	20	7	0.271	0.372
Yoenis Cespedes	140	601	548	148	27	5	28	80	91	43	126	7	12	4	0.27	0.329
Pablo Sandoval	136	578	523	155	29	3	19	71	80	44	75	3	2	1	0.296	0.349
Michael Cuddyer	133	563	514	148	30	2	20	71	80	43	106	2	9	2	0.288	0.343
Yadier Molina	134	562	516	159	32	0	14	66	74	39	55	3	4	1	0.308	0.358
Austin Jackson	141	630	563	158	30	11	15	89	73	61	132	3	17	5	0.281	0.352
Mark Teixeira	133	570	492	125	27	1	26	75	85	61	104	8	2	0	0.254	0.34
Corey Dickerson	120	516	466	130	24	7	18	61	71	40	95	4	12	5	0.279	0.337
Yasmani Grandal	104	423	360	98	24	0	10	48	52	56	76	3	0	0	0.272	0.371
Anthony Rendon	132	541	475	134	29	4	13	61	66	50	89	9	5	1	0.282	0.357
Ian Desmond	152	644	593	170	34	4	22	79	89	43	136	4	24	6	0.287	0.337
George Springer	102	438	383	97	18	5	17	55	62	45	123	7	23	4	0.253	0.34
Adrian Gonzalez	152	659	600	176	38	1	21	78	86	48	102	4	2	0	0.293	0.346
Brett Lawrie	138	587	531	149	27	6	17	68	78	45	87	9	15	4	0.281	0.346
Jonathan Lucroy	136	573	518	148	27	5	17	69	77	44	69	5	5	1	0.286	0.344
Corey Hart	121	511	464	124	25	3	21	67	74	39	119	6	3	1	0.267	0.331
Hunter Pence	155	663	606	169	33	5	24	81	92	48	120	4	14	2	0.279	0.333
Domonic Brown	146	620	558	151	28	4	25	79	89	53	111	3	8	3	0.271	0.334
Jedd Gyorko	144	612	556	150	33	1	25	78	88	49	125	3	5	1	0.27	0.33
Brian McCann	130	550	489	129	19	0	26	74	82	55	90	3	1	0	0.264	0.34
Daniel Nava	127	520	451	127	27	1	10	55	60	52	92	12	3	1	0.282	0.367
Jason Castro	132	570	503	137	32	2	17	64	74	59	135	2	2	1	0.272	0.347
Matt Adams	134	563	513	142	25	1	24	74	81	42	136	2	1	0	0.277	0.33
Josh Hamilton	137	587	528	142	29	4	26	75	85	46	139	4	4	1	0.269	0.327
Kyle Seager	154	674	600	162	36	2	21	80	84	63	115	7	8	2	0.27	0.344
Adam Eaton	143	640	555	152	29	6	11	82	67	62	98	20	21	5	0.274	0.366
Colby Rasmus	141	591	534	139	29	5	24	77	84	50	153	4	4	2	0.26	0.327
Salvador Perez	132	550	514	154	30	2	15	63	70	28	62	4	0	0	0.3	0.338
Yonder Alonso	144	603	535	154	32	2	14	67	75	60	81	2	5	1	0.288	0.358
Oswaldo Arcia	136	572	515	139	24	4	21	71	79	45	148	7	4	2	0.27	0.334
Brett Gardner	143	593	522	146	28	10	7	59	65	61	107	8	32	7	0.28	0.363
Curtis Granderson	142	615	537	132	24	7	25	76	84	65	167	7	17	4	0.246	0.332
John Jaso	112	473	398	108	20	1	7	47	55	68	76	4	4	1	0.271	0.381
Aaron Hill	138	609	555	157	33	4	17	71	71	44	75	6	8	2	0.283	0.34
Christian Yelich	144	636	568	162	29	5	12	74	68	64	142	2	23	4	0.285	0.358
Neil Walker	136	595	524	143	30	3	16	67	70	58	96	7	5	2	0.273	0.35
Jacoby Ellsbury	136	627	575	167	33	4	14	94	59	44	91	5	41	7	0.29	0.345
Jose Reyes	135	619	568	169	27	9	12	91	56	47	59	0	29	6	0.298	0.349
Wilin Rosario	129	538	511	143	23	2	25	72	78	23	125	1	4	2	0.28	0.31
Ben Zobrist	156	697	609	165	37	5	15	92	75	78	99	4	15	4	0.271	0.354
Evan Gattis	127	536	485	122	26	2	26	72	79	35	110	12	0	0	0.252	0.315
Avisail Garcia	144	604	563	162	21	9	18	70	78	30	130	7	11	3	0.288	0.329
Lucas Duda	100	413	351	87	16	1	14	49	53	52	102	6	0	0	0.248	0.351
Victor Martinez	144	617	560	169	34	0	13	62	73	48	57	1	0	0	0.302	0.353
Andre Ethier	128	530	470	131	28	1	13	58	64	51	96	6	4	2	0.279	0.355

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Nelson Cruz	137	577	526	138	30	0	25	74	82	43	130	4	5	2	0.262	0.321
Adam Dunn	134	566	480	105	17	0	30	77	86	80	180	3	1	0	0.219	0.332
Starling Marte	144	656	604	171	29	12	15	97	64	31	153	18	43	13	0.283	0.335
Derek Norris	101	407	351	91	17	1	12	47	51	48	91	4	5	1	0.259	0.351
Mark Trumbo	148	629	577	145	27	2	34	86	96	46	168	3	5	2	0.251	0.308
Thomas La Stella	90	364	316	90	15	3	5	36	40	36	44	7	5	1	0.285	0.365
Mike Carp	95	380	337	92	18	1	10	43	47	36	91	4	3	1	0.273	0.347
Brad Miller	145	638	573	159	27	7	16	71	72	57	99	2	14	4	0.277	0.342
Todd Frazier	148	613	548	140	31	4	22	74	80	51	126	10	5	1	0.255	0.328
Michael Morse	104	424	389	106	19	0	17	52	56	26	101	6	0	0	0.272	0.325
Adam Lind	131	547	491	133	22	1	20	66	73	49	103	1	1	0	0.271	0.335
David Freese	127	527	470	130	21	1	13	57	62	48	111	7	3	2	0.277	0.351
Andrew Lambo	94	387	343	86	17	2	16	48	51	37	103	3	2	1	0.251	0.326
Jed Lowrie	136	597	539	151	33	2	14	64	66	50	89	3	4	1	0.28	0.342
Alfonso Soriano	135	563	519	131	30	1	28	75	82	36	141	5	12	4	0.252	0.306
Carlos Gomez	145	638	583	156	25	8	22	77	77	40	152	10	38	5	0.268	0.323
Pedro Alvarez	149	633	570	137	24	2	34	85	95	57	190	3	3	1	0.24	0.311
Travis d'Arnaud	126	515	460	123	26	2	14	57	61	46	98	6	1	0	0.267	0.34
Ryan Howard	118	505	451	115	26	1	22	61	70	43	152	5	0	0	0.255	0.323
Ike Davis	118	492	424	102	22	0	19	60	65	64	118	1	2	1	0.241	0.339
Miguel Montero	135	562	494	133	24	1	15	62	68	55	118	9	0	0	0.269	0.351
Josmil Pinto	116	464	423	116	23	1	14	53	58	35	102	3	0	0	0.274	0.332
Matt Joyce	134	557	484	122	22	1	20	66	72	62	104	5	6	2	0.252	0.339
Adam LaRoche	136	557	487	124	23	2	20	65	69	63	120	1	3	1	0.255	0.338
Josh Satin	72	290	250	68	15	0	4	28	31	36	65	2	1	1	0.272	0.366
Nick Franklin	100	398	353	92	18	4	10	45	48	42	81	1	8	1	0.261	0.339
Justin Morneau	125	522	470	125	27	1	18	61	67	41	89	5	0	0	0.266	0.328
Kendrys Morales	134	573	527	143	29	0	20	65	74	40	107	4	0	0	0.271	0.326
Jackie Bradley	137	549	474	125	27	3	10	55	61	56	127	13	14	5	0.264	0.353
Desmond Jennings	141	637	562	144	27	7	16	91	66	65	128	8	29	5	0.256	0.341
Jordy Mercer	126	506	459	128	28	3	11	53	58	35	88	8	7	3	0.279	0.338
Jurickson Profar	145	583	517	139	26	5	13	61	67	53	104	8	14	4	0.269	0.343
Wilson Ramos	116	467	429	117	17	1	18	57	62	34	77	2	0	0	0.273	0.328
Shane Victorino	131	592	538	148	24	7	13	82	61	42	82	10	21	3	0.275	0.338
Alex Avila	120	484	418	106	22	2	13	53	57	60	121	2	1	0	0.254	0.347
Japhet Amador	80	327	297	78	11	1	14	40	43	23	69	3	0	0	0.263	0.318
Javier Baez	45	187	170	44	8	2	7	22	24	11	52	4	6	1	0.259	0.316
Torii Hunter	135	594	550	159	27	3	14	64	64	33	108	6	4	1	0.289	0.333
Logan Morrison	117	482	425	108	22	4	14	53	57	50	85	4	2	1	0.254	0.336
Will Middlebrooks	128	514	479	125	24	1	23	65	71	29	127	3	4	1	0.261	0.305
Scott Van Slyke	55	219	192	48	10	1	7	26	28	23	53	2	2	1	0.25	0.333
Manny Machado	138	616	577	163	34	5	15	79	65	33	98	3	6	2	0.283	0.323
Chris Johnson	138	580	540	157	29	3	13	60	67	30	128	6	3	1	0.291	0.333
Robbie Grossman	114	479	419	112	23	2	8	47	53	52	105	5	15	6	0.267	0.353
Ian Kinsler	150	676	606	163	34	4	15	92	69	57	70	8	19	5	0.269	0.337
Alejandro De Aza	123	540	484	131	24	5	11	55	57	47	109	6	18	6	0.271	0.341
Nick Markakis	152	673	608	175	31	1	13	72	68	53	68	5	4	1	0.288	0.346
Michael Saunders	137	555	493	124	27	4	17	62	67	56	131	2	18	4	0.252	0.328
Justin Maxwell	80	321	284	73	12	2	9	35	38	32	95	3	6	1	0.257	0.336
Melky Cabrera	131	548	505	146	27	5	10	54	60	38	66	0	7	2	0.289	0.336
Michael Brantley	153	640	582	169	32	4	10	62	69	49	74	3	17	5	0.29	0.345
Abraham Almonte	68	275	247	67	9	3	6	28	31	26	58	1	10	2	0.271	0.342
Jhonny Peralta	140	578	532	149	32	2	14	60	65	39	113	2	4	3	0.28	0.329

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Paul Konerko	82	345	306	81	13	0	11	39	43	32	53	4	0	0	0.265	0.339
Norichika Aoki	156	714	643	186	29	4	8	92	57	53	59	14	23	7	0.289	0.354
Grady Sizemore	79	317	283	71	19	1	10	35	39	25	80	6	4	4	0.251	0.322
Jose Tabata	103	436	398	113	21	3	6	41	47	31	60	6	8	3	0.284	0.344
Martin Prado	155	684	628	182	34	3	12	74	67	48	62	2	6	2	0.29	0.339
Dayan Viciedo	127	519	481	129	25	1	19	60	64	29	104	5	1	0	0.268	0.314
Justin Smoak	118	483	425	103	20	0	18	56	60	54	103	2	0	0	0.242	0.329
Alex Rios	148	634	595	168	31	5	17	65	75	32	97	3	35	7	0.282	0.32
Josh Reddick	140	568	502	123	27	4	21	66	70	56	117	2	11	2	0.245	0.319
Wellington Castillo	126	519	466	125	28	0	12	53	57	40	117	10	2	0	0.268	0.337
Matt Davidson	127	512	448	112	26	1	15	56	61	48	135	10	3	2	0.25	0.332
Oscar Taveras	83	346	317	90	16	2	8	35	39	21	51	4	6	2	0.284	0.332
Angel Pagan	131	593	545	156	28	9	8	75	52	42	74	1	20	4	0.286	0.336
Ryan Doumit	87	345	315	85	17	1	10	40	42	24	62	3	0	0	0.27	0.325
Jonny Gomes	98	394	339	84	16	0	11	42	46	43	101	8	3	1	0.248	0.343
Howie Kendrick	137	585	550	160	27	4	12	55	65	25	105	7	9	3	0.291	0.328
Stephen Drew	133	543	482	123	27	6	12	54	58	56	128	1	4	1	0.255	0.331
Dustin Ackley	133	552	492	132	24	4	10	53	58	57	88	1	9	2	0.268	0.344
Nolan Arenado	148	624	575	160	35	2	17	65	73	36	83	3	4	2	0.278	0.319
Trevor Plouffe	122	500	449	111	21	2	18	56	60	42	105	5	4	2	0.247	0.316
Junior Lake	129	560	519	142	26	5	13	55	61	31	134	7	18	4	0.274	0.321
Chris Iannetta	105	412	345	81	15	1	10	47	48	61	98	3	1	0	0.235	0.352
Yan Gomes	121	486	447	120	25	1	14	52	57	27	107	7	2	0	0.268	0.317
Justin Ruggiano	139	562	512	130	26	1	19	63	68	46	135	2	16	5	0.254	0.317
Daniel Murphy	152	681	641	187	39	3	11	80	63	34	87	2	17	4	0.292	0.327
Asdrubal Cabrera	140	595	543	144	33	2	15	59	68	40	113	8	11	3	0.265	0.323
Dan Uggla	109	434	366	80	14	1	15	50	54	60	127	6	2	1	0.219	0.336
Matt Wieters	136	561	508	129	25	0	21	64	68	46	101	2	3	0	0.254	0.316
Leony's Martin	144	578	527	143	26	7	10	55	61	40	111	8	36	11	0.271	0.33
Scooter Gennett	132	561	526	153	21	4	11	53	60	28	93	3	12	4	0.291	0.328
Chris Parmelee	81	329	293	76	13	1	9	34	37	31	65	2	2	1	0.259	0.331
Josh Rutledge	110	464	422	112	20	4	10	45	51	32	81	8	12	2	0.265	0.328
Cody Asche	128	518	473	126	23	3	13	53	57	38	115	4	5	2	0.266	0.324
Coco Crisp	128	582	519	136	23	5	13	77	54	57	67	0	27	4	0.262	0.332
Jean Segura	152	689	642	183	24	10	12	87	61	36	90	7	42	10	0.285	0.328
Andy Dirks	118	469	429	117	19	3	10	49	52	35	73	3	7	1	0.273	0.33
Nick Castellanos	127	507	462	124	26	2	12	51	56	37	99	3	4	1	0.268	0.323
Andrelton Simmons	154	635	579	155	29	6	14	62	67	45	59	5	10	4	0.268	0.323
Gregory Polanco	94	405	367	101	17	3	7	36	41	31	70	3	25	5	0.275	0.333
Mark Reynolds	97	392	344	76	16	0	17	47	50	42	118	4	3	1	0.221	0.311
Ryan Sweeney	101	432	393	106	20	4	7	38	44	36	69	1	3	1	0.27	0.331
Will Venable	141	617	566	148	22	9	16	63	65	43	131	5	23	4	0.261	0.318
Brian Dozier	143	623	560	144	29	5	14	60	64	51	111	7	14	4	0.257	0.324
Gordon Beckham	147	592	539	144	30	0	13	58	63	41	89	9	5	2	0.267	0.328
Gaby Sanchez	111	461	398	101	20	0	9	43	47	53	71	5	2	1	0.254	0.345
Ryan Ludwick	124	518	468	119	22	0	17	56	61	42	109	4	0	0	0.254	0.319
Brandon Phillips	148	647	597	163	28	2	17	66	68	36	89	8	9	3	0.273	0.32
Kelly Johnson	122	486	435	103	17	3	18	56	60	45	123	4	8	2	0.237	0.313
Russell Martin	130	527	460	107	22	0	16	56	60	58	106	8	8	2	0.233	0.328
Marlon Byrd	117	490	457	124	23	3	13	50	55	21	112	8	3	2	0.271	0.312
Wilmer Flores	75	308	282	77	17	1	7	29	31	19	55	2	1	1	0.273	0.318
Jarrod Saltalamacchia	128	528	477	118	29	1	16	55	59	46	157	2	4	1	0.247	0.314
Geovany Soto	109	437	389	95	18	0	14	47	52	42	103	4	1	0	0.244	0.323

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Starlin Castro	155	699	660	187	32	8	12	86	63	32	108	4	17	6	0.283	0.319
Nate McLouth	109	453	404	102	17	3	11	45	49	42	71	5	18	3	0.252	0.329
Nolan Reimold	78	310	279	71	10	2	10	35	37	24	69	3	2	1	0.254	0.316
Mike Moustakas	134	546	499	128	29	1	16	56	60	38	96	5	4	2	0.257	0.313
B.J. Upton	136	554	493	119	25	2	18	59	63	53	149	3	22	5	0.241	0.316
Derek Jeter	123	546	495	139	22	1	7	57	48	43	73	5	6	2	0.281	0.342
Everth Cabrera	140	642	572	155	27	6	4	75	44	66	111	3	55	9	0.271	0.349
Jon Jay	109	447	403	114	15	2	5	38	41	31	69	10	9	3	0.283	0.347
James Loney	144	600	554	156	28	0	12	56	62	42	72	0	3	1	0.282	0.33
Carlos Ruiz	122	494	443	122	23	0	7	43	47	35	58	13	2	0	0.275	0.344
Lorenzo Cain	123	498	451	121	23	4	8	45	49	34	101	8	16	4	0.268	0.327
A.J. Ellis	123	487	423	107	19	1	9	48	51	53	91	7	0	0	0.253	0.343
David DeJesus	129	539	476	121	25	5	7	47	52	51	97	9	4	2	0.254	0.336
Conor Gillaspie	111	444	394	100	15	3	11	44	48	44	69	1	1	1	0.254	0.327
Jonathan Schoop	64	246	224	58	8	1	7	29	29	16	45	4	2	1	0.259	0.317
Mike Zunino	117	466	411	98	18	3	14	49	53	41	112	9	2	0	0.238	0.318
Jose Altuve	153	690	641	186	30	5	7	77	56	39	80	4	35	10	0.29	0.332
Dioner Navarro	105	422	383	104	14	1	10	41	45	31	64	3	1	0	0.272	0.327
Mitch Moreland	131	532	480	121	20	1	18	56	61	43	106	3	1	0	0.252	0.314
Marcell Ozuna	134	549	514	135	28	4	14	53	57	30	111	3	11	2	0.263	0.306
A.J. Pollock	140	585	534	146	29	4	8	51	57	41	93	4	18	4	0.273	0.327
Tyler Moore	68	266	244	62	11	1	9	31	32	17	70	2	1	0	0.254	0.305
Alex Presley	105	470	426	115	14	6	6	51	40	39	85	3	8	3	0.27	0.334
Nate Schierholtz	134	567	517	134	24	3	15	56	62	40	102	5	4	1	0.259	0.316
Moises Sierra	58	229	206	53	10	1	5	23	24	17	52	4	2	1	0.257	0.323
David Lough	111	433	400	111	15	6	7	45	45	23	60	5	7	2	0.278	0.321
Michael Bourn	150	690	630	172	27	9	7	81	48	53	146	3	34	8	0.273	0.33
Elvis Andrus	156	682	623	175	27	6	4	53	56	51	83	5	38	9	0.281	0.339
Peter Bourjos	124	524	476	129	14	6	7	44	51	34	110	11	18	4	0.271	0.332
A.J. Pierzynski	126	506	474	128	20	2	15	52	56	20	76	7	0	0	0.27	0.306
Marco Scutaro	131	570	524	151	26	3	3	43	47	39	34	2	4	1	0.288	0.337
Matt Dominguez	145	602	560	143	27	1	21	64	69	30	95	6	1	1	0.255	0.297
Ryan Raburn	95	380	349	87	20	1	11	38	42	25	89	4	1	0	0.249	0.305
Carl Crawford	117	529	498	140	27	5	7	60	44	23	85	4	16	3	0.281	0.316
Devin Mesoraco	125	510	461	118	22	1	14	50	54	40	89	4	1	1	0.256	0.318
J.J. Hardy	152	627	590	153	26	1	22	66	71	32	87	2	2	1	0.259	0.298
Aaron Hicks	99	416	373	92	14	5	10	40	44	39	100	1	13	4	0.247	0.317
Chris Young	135	569	505	118	29	2	16	56	63	57	130	3	14	4	0.234	0.313
Henry Urrutia	105	419	394	109	18	1	8	39	42	24	69	0	1	0	0.277	0.317
Denard Span	144	660	610	171	29	8	2	70	43	48	78	1	21	5	0.28	0.333
Tony Sanchez	32	129	116	29	6	0	3	12	13	9	27	3	0	0	0.25	0.318
Gerardo Parra	139	597	548	150	29	5	7	46	55	42	91	4	13	4	0.274	0.328
Omar Infante	132	575	544	153	25	6	9	48	53	25	58	1	8	2	0.281	0.311
Garrett Jones	120	505	462	116	24	2	14	49	55	37	114	1	4	1	0.251	0.305
Joey Terdoslavich	60	244	218	56	9	1	5	22	24	21	55	2	2	1	0.257	0.324
Francisco Cervelli	48	181	161	40	6	1	4	20	19	13	37	5	1	0	0.248	0.32
Franklin Gutierrez	61	250	234	60	10	1	8	25	27	13	58	1	5	1	0.256	0.296
Erick Aybar	135	563	532	148	30	6	6	45	51	23	61	5	18	4	0.278	0.313
Jonathan Villar	120	470	418	105	20	6	5	44	44	45	125	4	37	8	0.251	0.328
Ben Revere	145	653	619	189	17	7	0	64	44	29	60	3	41	9	0.305	0.338
Yunel Escobar	152	607	545	142	23	2	9	51	57	54	73	4	5	2	0.261	0.329
Brett Wallace	94	388	354	86	14	1	12	38	41	24	115	8	0	0	0.243	0.304
Kolten Wong	118	471	432	116	18	5	6	39	43	30	75	5	17	4	0.269	0.321

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Eduardo Nunez	94	364	334	90	16	3	5	35	35	25	53	1	19	3	0.269	0.319
Logan Forsythe	90	354	318	80	12	3	6	34	35	27	69	7	8	2	0.252	0.322
Raul Ibanez	115	471	434	104	18	1	17	48	51	33	106	2	1	0	0.24	0.295
Alberto Callaspo	117	459	408	105	18	0	7	43	44	46	47	1	1	0	0.257	0.331
Travis Snider	73	296	266	66	13	1	6	26	28	27	75	1	2	1	0.248	0.318
Kevin Pillar	45	176	164	42	8	1	4	18	18	9	35	2	3	1	0.256	0.301
Jimmy Rollins	144	636	578	147	29	3	11	57	55	54	89	1	20	4	0.254	0.318
Chris Denorfia	105	449	412	112	14	2	6	35	40	33	69	1	10	2	0.272	0.325
Gregor Blanco	119	485	430	111	15	5	3	35	39	51	94	2	16	3	0.258	0.338
Chris Heisey	94	400	371	95	13	3	10	36	41	19	83	7	4	1	0.256	0.303
DJ LeMahieu	109	448	419	122	19	4	1	30	33	22	67	2	16	5	0.291	0.326
Alexander Guerrero	121	477	443	111	24	0	11	47	49	34	99	0	7	0	0.251	0.304
Luis Valbuena	117	490	428	98	21	1	11	44	49	56	87	2	2	1	0.229	0.318
David Ross	69	257	231	56	9	0	6	29	27	24	74	1	1	0	0.242	0.315
Alexei Ramirez	156	661	623	169	33	3	10	53	60	30	75	4	21	6	0.271	0.307
Lonnie Chisenhall	109	425	394	98	18	1	12	45	46	22	77	6	4	1	0.249	0.296
Cameron Maybin	127	538	494	126	20	5	9	44	50	39	101	3	28	5	0.255	0.312
Hank Conger	89	348	319	81	13	1	8	34	35	24	74	3	0	0	0.254	0.31
Tony Abreu	63	247	231	63	12	2	3	22	22	10	49	3	1	0	0.273	0.308
Zack Cozart	150	591	555	141	32	3	14	57	59	28	97	3	4	1	0.254	0.291
Maicer Izturis	92	362	331	87	12	0	6	33	34	26	41	3	5	2	0.263	0.32
Nick Hundley	85	337	306	75	13	2	8	31	33	24	81	4	1	1	0.245	0.306
J.B. Shuck	102	409	378	105	13	4	2	29	32	26	45	2	8	3	0.278	0.325
Anthony Gose	61	224	206	51	10	4	2	22	20	14	55	4	13	3	0.248	0.308
Ruben Tejada	130	523	476	126	27	2	2	36	40	37	63	7	6	2	0.265	0.325
Brandon Crawford	137	543	497	126	21	4	8	46	48	41	99	3	4	2	0.254	0.313
Josh Harrison	65	260	243	64	7	2	4	21	23	11	29	5	3	1	0.263	0.308
Ryan Flaherty	108	411	377	90	14	2	11	44	43	29	89	3	4	2	0.239	0.297
John Mayberry	105	414	380	94	18	0	9	38	39	29	94	2	4	1	0.247	0.302
Juan Lagares	134	527	495	128	23	7	6	42	44	26	106	3	14	5	0.259	0.298
Didi Gregorius	112	439	401	100	15	5	6	38	38	32	71	3	2	1	0.249	0.308
Juan Uribe	125	506	461	115	20	1	8	39	42	35	105	6	4	0	0.249	0.308
Justin Turner	56	222	205	55	8	1	1	16	17	12	35	4	1	0	0.268	0.32
Gerald Laird	55	217	197	51	8	1	1	16	16	17	34	2	1	0	0.259	0.323
Jack Hannahan	70	274	242	58	9	1	2	21	22	29	59	2	0	0	0.24	0.325
Tyler Pastornicky	71	279	261	71	8	2	2	21	22	15	43	1	6	2	0.272	0.312
Jordan Schafer	85	350	314	78	9	2	3	24	26	34	95	1	21	5	0.248	0.323
Jose Iglesias	146	526	491	129	23	2	4	49	44	24	89	8	12	3	0.263	0.306
Emilio Bonifacio	109	408	372	97	13	3	1	33	31	33	87	1	26	5	0.261	0.321
Scott Hairston	63	248	233	56	7	1	8	24	25	11	64	2	1	0	0.24	0.278
Brian Roberts	82	321	295	71	13	1	7	28	29	22	49	0	3	1	0.241	0.29
Jarrold Dyson	81	322	289	73	7	3	1	21	23	30	64	2	23	2	0.253	0.326
Danny Espinosa	66	253	232	52	13	1	6	25	24	14	72	6	5	1	0.224	0.285
Hector Sanchez	65	257	239	63	11	0	3	20	21	13	51	2	0	0	0.264	0.304
Billy Hamilton	132	593	541	137	16	8	2	51	36	49	118	1	55	10	0.253	0.315
Rajai Davis	101	424	395	101	17	3	4	29	33	22	78	5	36	7	0.256	0.302
Ramiro Pena	71	275	251	65	7	1	2	22	21	20	47	2	1	1	0.259	0.316
John Buck	42	168	149	32	5	0	5	16	16	16	39	2	1	0	0.215	0.298
Ichiro Suzuki	98	384	366	100	13	2	4	30	31	15	42	1	13	2	0.273	0.302
Eric Young	102	445	406	102	15	5	1	27	28	33	73	4	31	5	0.251	0.312
Jeff Keppinger	84	332	315	85	12	0	4	24	26	13	28	1	0	0	0.27	0.298
Alcides Escobar	147	540	511	131	22	6	5	48	44	23	75	4	26	4	0.256	0.293
Ryan Hanigan	82	325	287	73	7	0	2	23	24	33	29	4	0	0	0.254	0.338

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Andres Torres	45	177	159	39	5	1	1	12	13	16	36	1	3	1	0.245	0.316
Eric Sogard	105	384	357	92	16	2	2	32	29	22	51	3	9	2	0.258	0.305
Adeiny Hechavarria	145	565	530	134	19	7	6	44	44	30	102	1	13	5	0.253	0.292
Reed Johnson	60	237	217	56	6	1	1	16	17	11	52	8	2	1	0.258	0.316
Josh Thole	55	207	185	45	9	0	1	16	15	19	31	2	0	0	0.243	0.319
Steve Lombardozzi	62	240	226	59	9	2	1	17	17	11	29	2	3	1	0.261	0.3
J.P. Arencibia	82	321	303	66	12	1	12	32	33	14	91	2	0	0	0.218	0.255
Darwin Barney	131	512	475	117	19	3	5	38	38	29	58	5	4	1	0.246	0.295
Munenori Kawasaki	70	255	225	52	4	3	1	20	18	25	35	3	5	1	0.231	0.314
Ryan Goins	94	345	323	80	13	1	4	29	26	19	74	0	4	2	0.248	0.287
Pedro Florimon	134	493	451	105	19	2	5	40	37	37	116	3	13	5	0.233	0.294
Anthony Recker	45	177	160	34	6	0	4	14	15	15	53	1	0	0	0.213	0.282
Don Kelly	75	292	260	58	5	1	4	22	22	28	41	2	2	0	0.223	0.301
Joaquin Arias	94	368	349	93	9	3	2	24	24	12	51	3	3	1	0.266	0.293
Daniel Descalso	85	336	312	78	11	2	2	20	22	19	56	3	4	1	0.25	0.298
Omar Quintanilla	30	117	103	24	2	1	0	7	7	12	24	1	1	0	0.233	0.316
Alexi Amarista	93	363	341	83	10	3	4	25	25	17	52	2	4	1	0.243	0.281
Jose Constanza	21	87	81	21	1	0	0	4	5	6	14	0	4	1	0.259	0.31
Tim Federowicz	57	219	199	46	7	0	3	16	15	14	57	2	0	0	0.231	0.283
Alex Rodriguez	12	51	48	11	1	0	1	3	4	2	10	1	0	0	0.229	0.275
Freddy Galvis	57	219	207	48	8	1	3	16	15	10	43	1	2	1	0.232	0.269
Elliot Johnson	51	198	182	42	5	1	1	12	12	14	45	1	9	2	0.231	0.288
Tony Cruz	45	178	169	41	6	1	1	9	10	7	32	1	0	0	0.243	0.275
Chris Stewart	36	135	122	27	4	0	1	9	8	10	18	2	1	0	0.221	0.289
Pete Kozma	70	273	253	58	10	1	2	16	16	16	56	1	4	1	0.229	0.275
Brendan Ryan	80	294	268	57	9	1	2	18	16	19	61	4	3	1	0.213	0.272
Clint Barmes	72	280	263	58	10	0	3	16	16	12	60	4	0	0	0.221	0.264

0.6	1.02	0.431	-5	-0.2	6.7	1744
0.536	0.976	0.417	4	-0.5	7	4314
0.53	0.933	0.402	5	4	8.2	10155
0.55	0.925	0.394	1	2.5	5.2	7287
0.538	0.924	0.394	3	1	5.4	9218
0.546	0.919	0.393	1	-0.3	5.2	4949
0.538	0.913	0.391	-4	0.1	4.2	2151
0.533	0.921	0.39	-2	-0.5	3.4	745
0.51	0.904	0.39	5	1.4	7.6	9847
0.531	0.909	0.39	5	0.1	5.7	3531
0.526	0.905	0.39	5	0.9	5.8	11579
0.524	0.904	0.385	-4	-0.4	4	4613
0.521	0.898	0.385	0	1.9	5.3	3410
0.475	0.884	0.385	4	-0.7	5.2	1857
0.5	0.89	0.384	5	1.4	6.9	3787
0.465	0.865	0.382	-5	1	4.3	3174
0.545	0.893	0.38	-1	-0.3	4.2	9272
0.517	0.884	0.38	2	-0.3	4.5	1887
0.504	0.882	0.378	4	0	6.4	3269
0.496	0.872	0.377	2	-0.2	4.6	5361
0.481	0.855	0.374	-4	-0.5	3.1	6274
0.481	0.858	0.374	-4	-0.2	4	1873
0.477	0.856	0.373	-3	0.8	3.8	1327
0.479	0.862	0.373	4	-0.2	6.7	9166
0.513	0.868	0.372	4	-0.3	5.4	639
0.491	0.856	0.37	-4	0.4	4.1	5222
0.508	0.863	0.37	11	-0.3	6.9	9368
0.502	0.861	0.37	4	0.5	5.1	14225
0.481	0.851	0.37	3	-0.2	4.4	10264
0.503	0.862	0.366	0	-0.1	3.6	1177
0.472	0.834	0.364	14	0.6	5.8	4940
0.517	0.857	0.364	6	0	4.5	9892
0.477	0.834	0.363	3	-0.5	3.1	3057
0.473	0.832	0.363	-3	0.1	3.2	3433
0.484	0.837	0.363	7	-0.3	3.9	3473
0.459	0.83	0.362	-5	-0.6	4.2	2396
0.486	0.836	0.362	-3	1.2	5	8001
0.478	0.831	0.362	-5	-0.3	1.2	9929
0.479	0.834	0.362	-2	-0.1	4.1	4220
0.47	0.828	0.361	-3	-0.3	3.7	1002
0.493	0.846	0.36	-6	1.4	3.6	5631
0.465	0.835	0.36	0	-0.4	2.7	7399
0.44	0.818	0.36	1	-0.5	5.3	8090
0.454	0.817	0.359	7	0	5.9	5038
0.461	0.823	0.359	-1	3.8	5.6	9776
0.489	0.828	0.359	-6	-0.4	2.4	4467
0.471	0.826	0.358	1	1.2	3.5	3516
0.462	0.817	0.358	-6	-0.3	2.3	2103
0.459	0.822	0.358	4	0.7	4.5	1679
0.482	0.825	0.357	1	0.3	4.2	10047
0.484	0.828	0.357	-6	-0.1	2.1	589
0.449	0.814	0.357	2	-0.7	3.4	4599
0.458	0.817	0.357	10	0.4	4.8	5209

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0.445	0.815	0.356	10	1.2	5.7	8370
0.497	0.824	0.356	-4	0.9	4.2	6368
0.451	0.81	0.355	1	-0.5	4.3	12161
0.47	0.816	0.355	-3	-0.1	2.6	9112
0.458	0.813	0.355	-1	0.5	3.4	11200
0.473	0.811	0.355	-2	0.1	2.3	15676
0.476	0.813	0.354	-5	0.1	2	9911
0.443	0.808	0.354	6	0.4	5.3	4720
0.426	0.797	0.353	-2	0.7	4.2	4062
0.491	0.82	0.353	4	0.4	3.9	13110
0.472	0.822	0.353	2	-0.5	4.4	5409
0.471	0.814	0.353	-7	0.6	1.1	1534
0.452	0.809	0.353	9	-0.1	5.8	7007
0.453	0.805	0.352	3	0.9	4.5	9848
0.472	0.812	0.352	5	-0.1	2.9	1281
0.476	0.814	0.351	1	0.1	1.7	10762
0.422	0.793	0.35	1	-0.4	3.7	11368
0.442	0.799	0.35	0	0.1	3.5	12861
0.469	0.806	0.35	4	2	5.3	6885
0.46	0.8	0.349	2	2.7	3	sa526414
0.465	0.811	0.349	5	-0.2	3.5	1908
0.45	0.796	0.349	6	0.9	4.4	5247
0.456	0.799	0.348	2	0.1	4.6	7870
0.47	0.801	0.348	-3	-0.2	1.9	1945
0.469	0.802	0.348	3	1.5	4	8252
0.47	0.803	0.347	-9	-0.1	1.8	3154
0.468	0.798	0.347	-1	0.1	4	10816
0.462	0.802	0.346	2	-0.3	4.3	4810
0.412	0.78	0.346	-5	-0.3	1.6	5450
0.445	0.793	0.346	1	-0.5	4.5	8722
0.47	0.8	0.346	-2	-0.3	2	9393
0.487	0.814	0.346	-2	0	2.8	1875
0.442	0.786	0.345	1	0.2	4.3	9785
0.407	0.773	0.345	-1	1.6	3.6	11205
0.468	0.795	0.345	8	-0.4	4.3	9893
0.453	0.791	0.344	6	-0.5	4.7	7304
0.434	0.792	0.344	3	0.1	2.8	2530
0.454	0.788	0.344	-6	-0.5	1.9	10306
0.412	0.774	0.343	9	3.1	3.9	9927
0.456	0.788	0.343	4	1.4	3.7	4747
0.379	0.76	0.343	-4	-0.1	2.3	5887
0.449	0.789	0.343	0	0.3	3.2	6104
0.417	0.776	0.343	-1	2.4	2.9	11477
0.433	0.783	0.342	-1	-0.3	3.5	7539
0.435	0.779	0.342	8	4.9	4.9	4727
0.44	0.789	0.342	-2	2.9	4	1736
0.479	0.79	0.342	-6	-0.4	2.2	8002
0.422	0.776	0.341	8	0.8	5.4	7435
0.474	0.79	0.341	-5	-0.4	3.4	11003
0.453	0.782	0.341	-4	0.5	1.9	5760
0.419	0.77	0.34	-6	-0.4	0.9	2502
0.432	0.785	0.34	-1	-0.6	1.3	393
0.426	0.78	0.34	-2	-0.4	2.3	6265

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0.462	0.783	0.34	-4	-0.2	1.5	2434
0.442	0.774	0.34	-4	-0.3	0.8	319
0.445	0.781	0.34	12	3	4.5	9241
0.416	0.767	0.34	-1	0.2	3.1	6867
0.482	0.79	0.34	-2	-0.2	1.8	6876
0.399	0.764	0.339	-1	0.2	1.9	sa598119
0.421	0.769	0.339	-2	-0.1	1	7480
0.433	0.775	0.339	-1	0.7	4	12775
0.447	0.775	0.338	6	0.1	3.9	785
0.452	0.778	0.338	-9	-0.3	0.8	3035
0.442	0.777	0.338	-3	-0.3	0.9	8027
0.409	0.76	0.337	-4	-0.7	2.7	9549
0.452	0.777	0.337	-4	-0.3	0.8	5386
0.427	0.768	0.337	-3	-0.1	3.6	4418
0.476	0.781	0.337	3	0.5	1.8	847
0.451	0.774	0.337	12	5.2	5.1	4881
0.468	0.78	0.336	-1	-0.2	3.4	2495
0.424	0.764	0.336	1	-0.3	3.9	7739
0.463	0.786	0.336	-4	-0.4	0.9	2154
0.427	0.766	0.336	0	-0.4	1.6	8433
0.413	0.763	0.335	0	-0.5	3.5	3364
0.433	0.765	0.335	-4	-0.4	2.8	6806
0.426	0.765	0.335	0	-0.1	1.9	3353
0.433	0.771	0.335	2	-0.3	1.7	1904
0.38	0.746	0.334	1	-0.5	1.3	6788
0.419	0.758	0.334	-2	0.9	1.9	10166
0.443	0.77	0.334	-2	-0.4	0.2	1737
0.44	0.767	0.334	-2	-0.5	0.9	8610
0.397	0.75	0.334	4	0.3	3	12984
0.415	0.755	0.334	2	3.3	4.2	1965
0.425	0.763	0.334	-1	-0.2	3	6547
0.414	0.757	0.333	2	0.7	3	10815
0.443	0.771	0.333	1	-0.4	3.2	1433
0.418	0.756	0.333	9	2.5	3.3	1677
0.409	0.756	0.333	-2	-0.2	2.9	7476
0.448	0.766	0.333	-2	-0.3	0.5	sa508601
0.453	0.768	0.333	0	0.7	1	sa597757
0.425	0.759	0.332	0	-0.1	2	731
0.424	0.76	0.332	-6	-0.4	0.7	9205
0.459	0.765	0.332	-2	0	2.2	7002
0.422	0.755	0.332	1	-0.2	1	4365
0.437	0.76	0.331	14	-0.1	4.4	11493
0.428	0.761	0.331	-8	-0.3	2	1191
0.389	0.742	0.331	-2	0.2	1.5	5254
0.413	0.75	0.331	1	1.3	3.4	6195
0.409	0.75	0.331	0	0.8	1.9	3371
0.406	0.752	0.331	-5	-0.2	1.5	5930
0.426	0.754	0.33	-1	1.6	2.4	9981
0.408	0.745	0.33	-1	0.5	1	6827
0.422	0.758	0.33	-5	0.1	1.1	4022
0.411	0.756	0.33	0	0.9	2.7	4106
0.405	0.747	0.33	-1	1	1.1	5486
0.427	0.755	0.33	3	-0.8	3.6	1738

0.415	0.754	0.33	-2	-0.3	0.3	242
0.384	0.738	0.329	1	1.2	2.7	13075
0.431	0.753	0.329	-2	-1	0.7	2197
0.397	0.741	0.329	-1	0	1.4	2411
0.411	0.75	0.329	4	-0.2	3.2	3312
0.443	0.757	0.329	-4	-0.2	1	3917
0.416	0.746	0.329	0	-0.4	1.1	9054
0.437	0.757	0.329	4	3.8	2.4	2090
0.44	0.759	0.329	15	1	3.7	3892
0.406	0.743	0.328	5	-0.1	3.5	3256
0.413	0.745	0.328	-2	-0.6	1.9	7226
0.423	0.755	0.328	1	0.1	1.3	sa506574
0.415	0.75	0.327	-3	1.9	2.9	2918
0.425	0.75	0.327	-6	-0.3	1.1	2113
0.392	0.735	0.327	-3	-0.2	0.7	1845
0.42	0.748	0.327	3	0.1	3.3	4229
0.411	0.742	0.326	3	0	3.1	4251
0.394	0.739	0.326	-3	0.5	1.9	10099
0.435	0.754	0.326	14	-0.5	3.1	9777
0.423	0.739	0.325	-5	-0.4	1.7	7462
0.418	0.74	0.325	5	1.6	2.2	4672
0.371	0.723	0.324	-2	-0.2	2.5	8267
0.423	0.74	0.324	4	0	3.6	9627
0.42	0.737	0.324	-1	0.8	1.8	7620
0.413	0.741	0.324	-5	1.3	2.7	4316
0.416	0.739	0.323	-7	0.6	2.6	4962
0.385	0.722	0.323	-5	-0.4	1.3	3442
0.427	0.743	0.323	6	0.2	3.8	4298
0.404	0.735	0.323	7	2.5	3.1	11846
0.409	0.737	0.323	1	0.4	2.4	10339
0.403	0.734	0.323	-2	-0.3	0.6	2554
0.403	0.73	0.323	-2	1.2	1	11167
0.41	0.734	0.322	-2	-0.2	1.8	11997
0.401	0.732	0.322	0	3.3	2.9	1572
0.41	0.738	0.322	0	3.9	3.6	5933
0.401	0.731	0.322	4	0.6	1.6	6453
0.411	0.735	0.322	-2	0	1.7	11737
0.411	0.734	0.321	18	-0.1	5.1	10847
0.395	0.728	0.321	4	2.7	1.8	sa507194
0.416	0.727	0.321	-3	-0.1	0.3	7619
0.394	0.725	0.32	2	-0.2	1.5	6352
0.417	0.735	0.32	-1	2.6	2.3	211
0.402	0.726	0.32	1	0.7	2.7	9810
0.395	0.723	0.32	2	-0.3	2.3	9015
0.372	0.717	0.32	2	-0.4	1	3361
0.41	0.729	0.319	-6	-0.4	0.4	1260
0.412	0.732	0.319	8	0.1	3.2	791
0.414	0.727	0.319	-2	0.4	1.6	2234
0.385	0.713	0.319	8	0.4	3.9	4616
0.42	0.732	0.319	-1	-0.6	0.9	950
0.415	0.733	0.319	-1	-0.4	1.1	5827
0.413	0.727	0.319	-2	0	2.6	5557
0.398	0.721	0.319	1	-0.2	2.2	3707

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0.411	0.73	0.319	-1	0.5	2.8	4579
0.391	0.72	0.319	1	2	1.6	3190
0.412	0.728	0.319	-3	-0.2	0.1	3441
0.415	0.728	0.319	6	-0.4	2.6	4892
0.41	0.726	0.319	2	2	2.6	5015
0.372	0.714	0.319	-11	-0.1	1.2	826
0.36	0.709	0.318	-1	6.9	3.8	8155
0.367	0.714	0.318	0	0.2	1.5	5227
0.397	0.727	0.317	6	-0.3	1.8	4556
0.375	0.719	0.317	2	-0.1	2.8	2579
0.39	0.718	0.317	13	1.2	3.3	9077
0.366	0.709	0.316	1	-0.5	2.9	5677
0.372	0.708	0.316	1	-0.5	1.5	1825
0.391	0.717	0.316	-2	-0.6	1.2	9009
0.397	0.714	0.316	-1	-0.2	0.7	11265
0.399	0.717	0.316	-2	0	2.3	13265
0.385	0.717	0.316	-2	2.5	2.7	5417
0.392	0.719	0.315	-1	-0.2	2	3179
0.41	0.724	0.315	2	-0.2	0.1	3086
0.414	0.72	0.315	5	1	2.4	10324
0.388	0.714	0.315	9	1.5	2.6	9256
0.418	0.723	0.315	-2	0	0.2	7244
0.373	0.707	0.315	0	0	1.7	5305
0.404	0.72	0.314	-1	0	0.7	6201
0.388	0.711	0.314	-3	-0.2	0	6050
0.398	0.719	0.314	5	0.3	1.1	7215
0.378	0.708	0.314	5	3.1	3.7	6387
0.363	0.701	0.313	6	3.5	3.4	8709
0.37	0.702	0.313	10	1.6	3.1	2578
0.416	0.722	0.313	-3	-0.4	2	746
0.366	0.703	0.313	-3	-0.1	1.9	1555
0.42	0.717	0.313	0	-0.6	2.1	4903
0.407	0.712	0.312	0	-0.1	1	2218
0.398	0.713	0.312	2	1.6	1.6	1201
0.399	0.717	0.312	1	-0.6	2.4	5666
0.419	0.717	0.312	6	-0.5	3	3797
0.391	0.709	0.312	4	0.7	1.9	5297
0.394	0.707	0.311	7	0.8	2.2	3882
0.388	0.706	0.311	-1	-0.2	0	14441
0.364	0.697	0.311	9	1.6	3.2	8347
0.379	0.697	0.311	0	-0.1	0.6	6178
0.383	0.712	0.31	13	0.6	2.4	8553
0.399	0.71	0.31	3	0.4	2.1	1609
0.403	0.708	0.31	-3	0	0	2714
0.376	0.7	0.31	-2	-0.2	0.2	10593
0.373	0.693	0.309	-1	0	0.7	5275
0.41	0.706	0.309	1	0.4	0.8	3255
0.391	0.704	0.308	2	1.6	2.9	4082
0.364	0.691	0.308	-6	3.9	1.7	10071
0.355	0.694	0.308	5	4.1	2.8	4712
0.36	0.689	0.308	6	-0.3	3.3	4191
0.39	0.694	0.307	-2	-0.3	0	8434
0.375	0.696	0.306	4	1.4	2	12532

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0.38	0.699	0.306	-5	2.3	0.7	6848
0.365	0.687	0.306	-2	0.5	1	7185
0.403	0.698	0.305	-2	-0.1	-0.1	607
0.353	0.684	0.305	-4	-0.2	1	3336
0.372	0.69	0.305	0	-0.2	0.4	2830
0.39	0.691	0.305	2	0.1	0.4	12434
0.372	0.69	0.304	0	1.9	2.2	971
0.359	0.684	0.304	4	0.8	1.4	4400
0.337	0.675	0.304	8	1.6	1.9	3123
0.388	0.691	0.304	4	0.1	0.9	3978
0.363	0.689	0.304	5	0.9	1	9874
0.379	0.683	0.303	0	1	1.5	15670
0.36	0.678	0.303	6	-0.4	1.6	4969
0.359	0.674	0.302	3	0	1.3	1551
0.382	0.689	0.302	7	1.4	2.8	5133
0.391	0.687	0.302	-2	0.1	1.1	7571
0.37	0.683	0.302	3	3.2	2.2	5223
0.376	0.687	0.301	0	-0.3	1.6	2505
0.381	0.689	0.301	-2	0	0.5	5053
0.398	0.689	0.301	8	0	2.6	2616
0.353	0.674	0.301	-4	-0.1	0.4	2437
0.379	0.685	0.3	3	-0.5	1.8	3376
0.349	0.674	0.3	-1	0.1	0.5	6677
0.364	0.672	0.299	2	1.3	0.7	5097
0.342	0.667	0.299	1	0	1.9	5519
0.36	0.673	0.297	7	-0.4	2.6	5343
0.358	0.666	0.296	-1	0	0.5	8202
0.374	0.671	0.296	4	-0.3	1.1	7888
0.366	0.668	0.295	-2	0.1	-0.1	3390
0.37	0.668	0.293	15	0.5	2.8	5384
0.357	0.664	0.293	2	-0.4	1	6012
0.349	0.658	0.291	9	0.4	2.1	454
0.332	0.652	0.291	-1	0	0.2	5235
0.325	0.647	0.291	0	0	0.7	1698
0.31	0.635	0.29	0	-0.3	0.3	3692
0.341	0.653	0.289	-2	0.2	0.2	6777
0.318	0.641	0.289	1	1.9	0.4	9883
0.342	0.648	0.289	12	0.8	2.5	10231
0.32	0.641	0.288	0	2.9	0.8	4054
0.382	0.66	0.288	-3	0	-0.4	1926
0.363	0.652	0.288	-1	0	0.2	166
0.308	0.634	0.288	6	3.5	1.2	4866
0.366	0.651	0.288	4	0.4	0.8	9219
0.347	0.651	0.287	-2	-0.2	0.7	10289
0.323	0.639	0.287	5	6.6	1.8	10199
0.344	0.646	0.287	-2	4.2	0.3	3708
0.319	0.635	0.287	2	-0.5	0.5	8841
0.349	0.647	0.286	0	0.1	0.5	2041
0.352	0.655	0.285	4	1.5	0.3	1101
0.32	0.633	0.285	1	3.9	0.6	7158
0.346	0.644	0.285	-1	-0.3	0.1	3856
0.352	0.645	0.284	9	3.2	2.3	6310
0.3	0.638	0.284	2	-0.3	1.3	4952

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0.308	0.625	0.284	1	0	0.1	1488
0.331	0.635	0.283	4	0.7	1	7927
0.349	0.641	0.283	0	0.2	0.8	10459
0.309	0.625	0.282	-1	-0.2	-0.2	1702
0.308	0.627	0.28	0	-0.2	0.4	9689
0.332	0.632	0.28	0	0	0.1	5422
0.383	0.638	0.278	-4	-0.2	-0.1	697
0.331	0.625	0.278	11	0	1.1	2430
0.289	0.603	0.277	1	0.4	0.3	13047
0.331	0.618	0.275	6	-0.3	0.6	9807
0.317	0.611	0.274	5	0.3	1.1	8385
0.325	0.607	0.274	-1	-0.1	0.3	4063
0.296	0.598	0.273	-1	0.1	-0.5	2216
0.327	0.62	0.272	1	-0.1	0.3	3817
0.317	0.615	0.271	-2	0.1	-0.2	8392
0.272	0.588	0.268	-1	0.1	-0.1	6335
0.326	0.607	0.268	-2	0.1	-0.3	9063
0.272	0.582	0.266	1	0.3	0	6003
0.312	0.595	0.264	0	-0.2	0.3	8609
0.313	0.587	0.264	0	0	-0.1	1274
0.324	0.593	0.263	3	-0.1	0.1	6609
0.286	0.574	0.26	0	0.9	-0.1	4751
0.308	0.583	0.257	0	-0.1	0.1	2802
0.279	0.568	0.257	3	0.1	0.4	3878
0.3	0.575	0.254	4	0.2	0.2	2539
0.276	0.548	0.249	5	0	0.1	6073
0.293	0.557	0.249	5	-0.2	0.2	1830