

SITUATIONAL UNDERLYING VALUE (SUV) STATISTIC FOR MAJOR LEAGUE BASEBALL – DEFENSE

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In Situational Underlying Value for Baseball, Football and Basketball – A Statistic (SUV) to Measure Individual Performance in Team Sports, an all-encompassing, overall statistic to measure “clutch” performance by individual players in the team sports of major league baseball, professional football, and NCAA men’s college basketball was developed, called “Situational Underlying Value” (SUV). [1] Based on the concept of “run expectancy,” it assigns an SUV to each base as a function of the number of outs, including a negative value for making an out. There, and in “Proof of Principle” for Situational Underlying Value (SUV) – A Statistic to Measure Clutch Performance by Individuals in the Team Sports of Major League Baseball, [2] it was applied exclusively to hitters and pitchers. Its derivation is explained in Reference 1, with additional discussion provided in Reference 2; reproduced here is the SUV table for major league baseball (variations for the American and National League are also discussed there to reflect the use of the designated hitter by the former, but will not be addressed here).

base→ outs↓	3	2	1	0
0	0.87	0.63	0.39	-0.23
1	0.68	0.44	0.22	-0.16
2	0.29	0.23	0.12	-0.10

Reference 1 provides two example games to show how the SUVs accrue for each team’s hitters and pitchers. The goal of this third work, which includes “Proof of Principle” as in Reference 2, is to track the performance of a team’s individual fielders defensively, including an enhancement to the approach for pitching previously developed in Reference 2, over the same substantial portion of an entire season. One-third of the 2017 season, i.e., 54 games, have again been selected for the Seattle Mariners, starting with Game 002 and tracking every third game up through Game 161. The SUVs are based on the play-by-play descriptions provided in “Baseball Reference,” <https://www.baseball-reference.com/>. [3] Summary SUV analyses for all 54 games are provided below, with a roll-up of cumulative SUVs every six games. Also, the actual play-by-plays are included for every third game analyzed, starting from Game 005 (i.e., for Games 005, 014, 023, 032, 041, 050, 059, 068, 077, 086, 095, 104, 113, 122, 131, 140, 149 and 158), providing a total for 18 games. For the rest (which are only summarized), the reader should consult Reference 3.

There is an important change to the above table for defensive tracking, also applied to the enhanced pitching analysis, namely the reversal of all the SUV signs, as follows:

base→ outs↓	3	2	1	0
0	-0.87	-0.63	-0.39	0.23
1	-0.68	-0.44	-0.22	0.16
2	-0.29	-0.23	-0.12	0.10

This enables “positive” defensive outcomes (outs) to be assigned positive SUVs, while “negative” outcomes (reaching base or advancing) are assigned negative SUVs. The assignment of defensive SUVs is somewhat more involved than that for hitting. Specific assignments, most frequently encountered, are presented below.

1. Pitchers. Pitchers accrue the full SUV for any play which results in the following: a hit, walk (including intentional), hit batter, balk, wild pitch and strikeout (unless the third strike is dropped and the put out is made at first base, discussed below with the catcher). For outs (other than strikeouts), the pitcher accrues half the full SUV for the play, the rest apportioned to the fielders, as discussed below. Successful stolen bases, negative outcomes, accrue half to the pitcher, while successful pickoffs accrue not only half to the pitcher but also the additional accrual for an “assist,” discussed below. On all other outs, the pitcher accrues as any other fielder (in addition to the half accrual as a pitcher).
2. Catchers. Catchers accrue nothing for strikeouts, unless there is a dropped third strike and the put out is made by a throw to first base. For this, the catcher accrues as for an assist, i.e., $2/3$ of the half of the SUV not accrued to the pitcher (the first baseman gets the remaining $1/3$ of the half). Catchers accrue the full SUV for passed balls and catcher interference, both negative outcomes. The catcher accrues the other half of the SUV on a successful stolen base, again a negative outcome. If the runner is thrown out, the catcher accrues the assist portion, i.e., $2/3$ of the other half of the SUV (the player making the put out gets the remaining $1/3$ of the half). On all other plays, the catcher accrues as any other fielder.
3. Fielders. The philosophy here is that, if there is an assist on an out, the “assister” must perform two actions successfully (catch and throw), while the “put-utter” need perform only one successful action (make the put out). Therefore, the half of the SUV not accrued by the pitcher on an out is split between the assister ($2/3$) and put-utter ($1/3$). If there are multiple assists in making an out, the $2/3$ is evenly split by the assisters. Outs made exclusively by one fielder (e.g., pop fly outs or unassisted ground outs) accrue the full remaining half SUV to the fielder.
4. Errors. When an error occurs, the pitcher is credited with the SUV that would have accrued had the out been made, with the difference between the actual SUV and that which would have accrued to the pitcher now accrued to the fielder. For example, on a lead-off error by the shortstop, the total SUV = -0.39. Had the out been made, the pitcher’s SUV would have been $0.23/2 = 0.115$. Therefore, the pitcher accrues 0.115 while the fielder accrues $-0.39 - 0.115 = -0.505$.

Obviously there will be unique situations not covered by the above, but the philosophy described here would also apply. Special treatment is performed on double (and triple) plays, best described via examples.

1. “Simple” Double Play. The simplest of all double plays would be a lineout with the runner caught off base. For example, after a lead-off walk (SUV = -0.39, all to the pitcher), a line out to the first baseman who doubles up the runner accrues a total SUV = $-(-0.39) + 0.23 + 0.16 = 0.78$. This is actually treated as two separate but consecutive plays. First is the line out retiring the batter. This has an SUV = 0.23, with half (0.115) going to the pitcher and half (0.115) to the first baseman. Next is the tag out by the first baseman of the runner, with a total SUV = $-(-0.39) + 0.16 = 0.55$. Again, half accrues to the pitcher and half to the first baseman, i.e., $0.55/2 = 0.275$ each. Thus, the

pitcher's total is $0.115 + 0.275 = 0.39$ (the expected half of the total for the pitcher), as is that for the first basemen. The next simplest double play would be one of the grounder variety. Again, after a lead off walk, assume a grounder to the shortstop results in a 6-4-3 double play. Again, this is treated as two separate but consecutive plays. First is the force out at second ($SUV = -[-0.39] + 0.23 = 0.62$), which accrues half to the pitcher ($0.62/2 = 0.31$), $2/3$ of half to the shortstop as assister ($0.62/2 \times 2/3 = 0.207$) and $1/3$ of half to the second baseman as put-outer ($0.62/2 \times 1/3 = 0.103$). Next is the put out at first base (0.16), with half to the pitcher, i.e., $0.16/2 = 0.08$, bringing his total to $0.31 + 0.08 = 0.39$ (the expected half of the total $SUV = -[-0.39] + 0.23 + 0.16 = 0.78$); $2/3$ of half to the second baseman as assister, i.e., $0.16/2 \times 2/3 = 0.053$, bringing his total to $0.103 + 0.053 = 0.156$; $1/3$ of half to the first baseman as put-outer, i.e., $0.16/2 \times 1/3 = 0.027$. Thus, the totals for the four players involved are 0.39 (pitcher) + 0.207 (shortstop) + 0.156 (second baseman) + 0.027 (first baseman) = 0.78 .

2. "Complex" Double Play. Add a base runner at second to the previous example for the 6-4-3 double play. The double play results in two outs with a runner on third base. For the first (force) out at second (crediting the runner reaching third base), the total $SUV = -0.68 - (-0.63) + 0.39 + 0.23 = 0.57$. This is split as above, i.e., pitcher = $0.57/2 = 0.285$, shortstop = $0.57/2 \times 2/3 = 0.19$ and second baseman = $0.57/2 \times 1/3 = 0.095$. For the second out at first base (with the runner staying at third base), the total $SUV = -0.29 - (-0.68) + 0.16 = 0.55$. Split again as above, the pitcher receives $0.55/2 = 0.275$ (bringing his total to $0.285 + 0.275 = 0.56$), the second baseman $0.55/2 \times 2/3 = 0.183$ (bringing his total to $0.095 + 0.183 = 0.278$) and the first baseman $0.55/2 \times 1/3 = 0.092$. The total SUV for the double play is $0.57 + 0.55 = 1.12$. The pitcher's total (0.56) is the expected half, and the $SUVs$ for the fielders = 0.19 (shortstop) + 0.278 (second baseman) + $0.092 = 0.56$, the remaining half.
3. Triple Play. Consider a most complex 5-4-3 triple play with the bases loaded, with a grounder to the third baseman, who steps on third (first out), throws to second (second out), who then throws to first (third out). This must be treated in two parts - first as if there was no runner on third; next with apportionment among the fielders (and pitcher) for erasing the runner at third without scoring.

Part 1 (without runner at third)

- a. Unassisted force out at third. $SUV = -(-0.63) + 0.23 = 0.86$, half each to the pitcher and third baseman ($0.86/2 = 0.43$).
- b. Assisted force out at second. $SUV = -(-0.39) + 0.16 = 0.55$, half to the pitcher ($0.55/2 = 0.275$, bringing his total so far to $0.43 + 0.275 = 0.705$), $2/3$ of half to the third baseman ($0.55/2 \times 2/3 = 0.183$, bringing his total to $0.43 + 0.183 = 0.613$) and $1/3$ of half to the second baseman ($0.55/2 \times 1/3 = 0.092$).
- c. Assisted force out at first. $SUV = 0.10$, half to the pitcher ($0.10/2 = 0.05$, bringing his total so far to $0.705 + 0.05 = 0.755$), $2/3$ of half to the second baseman ($0.10/2 \times 2/3 = 0.033$, bringing his total to $0.092 + 0.033 = 0.125$) and $1/3$ of half to the first baseman ($0.10/2 \times 1/3 = 0.017$).
- d. Sub-total. $SUV = 0.755$ (pitcher) + 0.613 (third baseman) + 0.125 (second baseman) + 0.017 (first baseman) = 1.51 .

Part 2 (contribution from runner at third)

The elimination of the runner at third has a total $SUV = -(-.87) = 0.87$, half of which goes to the pitcher ($0.87/2 = 0.435$, bringing his final SUV to $0.755 + 0.435 = 1.19$). The remaining half ($0.87/2 = 0.435$) is apportioned among the

three fielders based on their SUVs without the runner at third (from Part 1) as follows:

$$\frac{0.87}{2} \times \frac{0.183 (3B) + 0.125 (2B) + 0.017 (1B)}{0.183 + 0.125 + 0.017} =$$

$$0.245 (3B) + 0.167 (2B) + 0.023 (1B) = 0.435$$

Total. Pitcher = **1.19**; third baseman = $0.613 + 0.245 = \mathbf{0.858}$; second baseman = $0.125 + 0.167 = \mathbf{0.292}$; first baseman = $0.017 + 0.023 = \mathbf{0.04}$. These sum to $1.19 + 0.858 + 0.292 + 0.04 = \mathbf{2.38}$, i.e., three outs eliminating a bases loaded situation, i.e., $-(-0.87) -(-0.63) -(-0.39) + 0.23 + 0.16 + 0.10 = \mathbf{2.38}$.

The following describes how a typical game is analyzed, based on Game 005, April 7, Seattle-1 @ L.A. Angels-5. Inning three (which contains an error) and inning six (which contains a double play) are tracked defensively. In inning three, Gallardo yields two singles from the start, with SUVs of -0.39 and -0.63 $-(-0.39) - 0.39 = -0.63$, respectively, fully attributed to him. These are reflected in the “SUV” and “Gallardo” columns, each consisting of one “opportunity” (as shown in the “Play” column under “Ops Sum”). The total SUVs are shown in the “Play” column under “SUV Sum.” Next is a strikeout, also attributed fully to Gallardo, which represents an SUV = $-0.44 -(-0.63) - 0.22 -(-0.39) + 0.23 = 0.59$. Next is an atypical intentional walk, which advances both runners (perhaps it is not so atypical considering it was issued to Mike Trout, likely after falling behind in the count). Again, Gallardo accrues the full SUV = $-0.68 -(-0.44) - 0.44 -(-0.22) - 0.22 = -0.68$. An error at third (yellow highlight) allows a run to score and keeps the bases full, an SUV = $-1.00 -(-0.68) - 0.68 -(-0.44) - 0.44 -(-0.22) - 0.22 = -1.00$. Had the error not occurred, and the attempted force out at second been made, the SUV would have been $-1.00 -(-0.68) - 0.29 -(-0.44) -(-0.22) - 0.12 + 0.16 = 0.09$, half of which would have accrued to Gallardo. Thus Gallardo receives $0.09/2 = 0.045$ while Seager accrues $-1.00 - 0.045 = -1.045$. Gallardo strikes out the next batter, accruing the full SUV = $-0.29 -(-0.68) - 0.23 -(-0.44) - 0.12 -(-0.22) + 0.16 = 0.86$. The final out is a force out at second on a grounder to third. This yields an SUV = $0.29 + 0.23 + 0.12 + 0.10 = 0.74$, as all three base runners are erased as well as the batter. Half is attributed to Gallardo, i.e., $0.74/2 = 0.37$, while the remaining half is apportioned between Segura ($0.74/2 \times 2/3 = 0.247$) and Cano ($0.74/2 \times 1/3 = 0.123$). The totals for the inning in the “Inning” columns under “Ops Sum” and “SUV Sum” are 10 and -0.51, respectively.

Inning six is also interesting, since it contains a double play involving the pitcher, as well as a pitching change. After yielding lead off homer (SUV = -1.00) and no out single (SUV = -0.39), Gallardo is replaced by Fien, who induces a 3-6-1 double play. The first out is a force at second (SUV = $-[-0.39] + 0.23 = 0.62$), half to Fien ($0.62/2 = 0.31$), 2/3 of half to Valencia ($0.62/2 \times 2/3 = 0.207$) and 1/3 of half to Segura ($0.62/2 \times 1/3 = 0.1033$). The second out eliminates the batter for an SUV = 0.16, split between Fien in his role as a pitcher ($0.16/2 = 0.08$) and both Segura as an assister ($0.16/2 \times 2/3 = 0.0533$, bringing his total to $0.1033 + 0.0533 = 0.157$) and Fien as a put-outter ($0.16/2 \times 1/3 = 0.027$, bringing his total to $0.31 + 0.08 + 0.027 = 0.417$). Fien strikes out the last batter for an SUV = 0.10, bringing the inning totals to six opportunities with an SUV of -0.49. Following the play-by-play are the defensive (including pitching) game summary and cumulative including all preceding games (just one in this case). The opportunities, total SUV and average SUV per opportunity for each player are tracked and summed, with any error, passed ball, or catcher interference SUV shown in yellow. Offensive statistics for the same game are next extracted from Reference 2, both for the game itself and cumulatively. Finally, the combined defensive and offensive opportunities, SUV and average SUV per opportunity are tabulated for

the game itself and cumulatively. Note especially the difference for the pitchers relative to Reference 2, where, instead of opportunities, their innings pitched were tracked. Also their SUV accrual now differs from Reference 2, where they were assigned the full SUV for each play with reversed signs (now positives were then negatives and vice-versa) to facilitate combining offensive and defensive (including pitching) SUVs.

Play-by-Play	SUV	Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia	Gallardo	Fien	Overton	Ops Sum		SUV Sum	
		SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
1B	-0.39										-0.390			1		-0.39	
2B	-1.11										-1.110			1		-1.11	
SF-8	0.29							0.145			0.145			2		0.29	
5-3	0.37					0.123	0.062				0.185			3		0.37	
5-3	0.33					0.110	0.055				0.165			3	10	0.33	-0.51
K	0.23										0.230			1		0.23	
3	0.16						0.080				0.080			2		0.16	
3	0.10						0.050				0.050			2	5	0.10	0.49
1B	-0.39										-0.390			1		-0.39	
1B	-0.63										-0.630			1		-0.63	
K	0.59										0.590			1		0.59	
IBB	-0.68										-0.680			1		-0.68	
E-5	-1.00					-1.045					0.045			2		-1.00	
K	0.86										0.860			1		0.86	
5-4	0.74			0.123		0.247					0.370			3	10	0.74	-0.51
9	0.23		0.115								0.115			2		0.23	
BB	-0.22										-0.220			1		-0.22	
1B (runner to 3B)	-0.68										-0.680			1		-0.68	
4	0.65			0.325							0.325			2		0.65	
K	0.51										0.510			1	7	0.51	0.49
1B	-0.39										-0.390			1		-0.39	
DP 8-3	0.78						0.092	0.298			0.390			3		0.78	
5	0.10					0.050					0.050			2	6	0.10	0.49
HR	-1.00										-1.000			1		-1.00	
1B	-0.39										-0.390			1		-0.39	
DP 3-6-1	0.78	0.157					0.207					0.417		3		0.78	
K	0.10											0.100		1	6	0.10	-0.51
1B	-0.39											-0.390		1		-0.39	
HR	-1.61											-1.610		1		-1.61	
1-3	0.23						0.038					0.192		2		0.23	

6-3	0.16	0.053						0.027							0.080		3		0.16			
K	0.10														0.100		1	8	0.10	-1.51		
8	0.23								0.115						0.115		2		0.23			
1B	-0.22														-0.220		1		-0.22			
K (runner steals 2B)	0.15										0.075				0.075		2		0.15			
K	0.33														0.330		1	6	0.33	0.49		
Team	Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia	Gallardo	Fien	Overton	Ops Sum	SUV Sum								
	SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning						
Game Ops	58	2	1	2	0	5	8	3	1	0	25	7	4	58	58	-1.045						
Game SUV	-1.08	0.210	0.115	0.448	0.000	-0.515	0.610	0.558	0.075	0.000	-1.770	-1.112	0.300			-0.035	-1.08					
Game SUV/Op	-0.019	0.105	0.115	0.224		-0.103	0.076	0.186	0.075		-0.071	-0.159	0.075									
Team	Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia	Gallardo	Fien	Overton	Ops Sum	SUV Sum								
	SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning						
Cumulative Ops	123	5	2	10	0	11	18	6	3	0	25	7	4	123	123	-1.550						
Cumulative SUV	0.84	0.353	0.195	1.038	0.000	-0.543	1.082	0.903	0.252	0.000	-1.770	-1.112	0.300			2.390	0.84					
Cumulative SUV/Op	0.007	0.071	0.098	0.104		-0.049	0.060	0.151	0.084		-0.071	-0.159	0.075									
Offensive SUV	Team	Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia												
Game Ops	35	4	4	4	4	4	4	4	4	3												
Game SUV	-3.79	-0.370	-0.730	-0.360	0.410	-1.070	-0.050	0.110	-0.630	-1.100												
Game SUV/Op	-0.108	-0.093	-0.183	-0.090	0.103	-0.268	-0.013	0.028	-0.158	-0.367												
Offensive SUV	Team	Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia												
Cumulative Ops	73	9	9	8	8	8	8	8	8	3												
Cumulative SUV	-8.16	-1.460	-0.850	-0.110	-1.220	-0.950	0.450	-0.920	-1.600	-1.100												
Cumulative SUV/Op	-0.112	-0.162	-0.094	-0.014	-0.153	-0.119	0.056	-0.115	-0.200	-0.367												
Combined SUV	Team	Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia	Gallardo	Fien	Overton									
Game Ops	93	6	5	6	4	9	12	7	5	3	25	7	4									
Game SUV	-4.87	-0.160	-0.615	0.088	0.410	-1.585	0.560	0.668	-0.555	-1.100	-1.770	-1.112	0.300									
Game SUV/Op	-0.052	-0.027	-0.123	0.015	0.103	-0.176	0.047	0.095	-0.111	-0.367	-0.071	-0.159	0.075									
Combined SUV	Team	Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia	Gallardo	Fien	Overton									
Cumulative Ops	196	14	11	18	8	19	26	14	11	3	25	7	4									
Cumulative SUV	-7.32	-1.107	-0.655	0.928	-1.220	-1.493	1.532	-0.017	-1.348	-1.100	-1.770	-1.112	0.300									
Cumulative SUV/Op	-0.037	-0.079	-0.060	0.052	-0.153	-0.079	0.059	-0.001	-0.123	-0.367	-0.071	-0.159	0.075									

Here are the results for the 54 games that are tracked, with cumulatives every six games and detailed play-by-play every third game starting with Game 005. The offensive statistics are taken from Reference 2.

GAME 002 (Summary), APRIL 4, SEATTLE-1 @ HOUSTON-2

Team	Segura	Haniger	Cano	Cruz	Seager	Valencia	Martin, L	Zunino	Dyson	Iwakuma	Scribner	Rzepczynski	Altavilla	Ops Sum	SUV Sum							
	SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning					
Game Ops	65	3	1	8	0	6	10	1	2	3	24	3	1	3	65	65	-0.505					
Game SUV	1.92	0.143	0.080	0.590	0.000	-0.028	0.472	0.115	0.177	0.345	-0.433	0.025	0.110	0.325			2.425	1.92				
Game SUV/Op	0.030	0.048	0.080	0.074		-0.005	0.047	0.115	0.088	0.115	-0.018	0.008	0.110	0.108								
Offensive SUV	Team	Segura	Haniger	Cano	Cruz	Seager	Valencia	Martin, L	Zunino	Dyson												
Game Ops	38	5	5	4	4	4	4	4	4	4												
Game SUV	-4.37	-1.090	-0.120	0.250	-1.630	0.120	0.500	-1.030	-0.970	-0.400												
Game SUV/Op	-0.115	-0.218	-0.024	0.063	-0.408	0.030	0.125	-0.258	-0.243	-0.100												
Combined SUV	Team	Segura	Haniger	Cano	Cruz	Seager	Valencia	Martin, L	Zunino	Dyson	Iwakuma	Scribner	Rzepczynski	Altavilla								
Game Ops	103	8	6	12	4	10	14	5	6	7	24	3	1	3								
Game SUV	-2.45	-0.947	-0.040	0.840	-1.630	0.092	0.972	-0.915	-0.793	-0.055	-0.433	0.025	0.110	0.325								
Game SUV/Op	-0.024	-0.118	-0.007	0.070	-0.408	0.009	0.069	-0.183	-0.132	-0.008	-0.018	0.008	0.110	0.108								

GAME 005, APRIL 7, SEATTLE-1 @ L.A. ANGELS-5

Play-by-Play	SUV	Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia	Gallardo	Fien	Overton	Ops Sum		SUV Sum		
		SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
1B	-0.39										-0.390			1		-0.39		
2B	-1.11										-1.110			1		-1.11		
SF-8	0.29							0.145			0.145			2		0.29		
5-3	0.37					0.123	0.062				0.185			3		0.37		
5-3	0.33					0.110	0.055				0.165			3	10	0.33	-0.51	
K	0.23										0.230			1		0.23		
3	0.16						0.080				0.080			2		0.16		
3	0.10						0.050				0.050			2	5	0.10	0.49	
1B	-0.39										-0.390			1		-0.39		
1B	-0.63										-0.630			1		-0.63		
K	0.59										0.590			1		0.59		
IBB	-0.68										-0.680			1		-0.68		
E-5	-1.00					-1.045					0.045			2		-1.00		
K	0.86										0.860			1		0.86		
5-4	0.74			0.123		0.247					0.370			3	10	0.74	-0.51	
9	0.23		0.115								0.115			2		0.23		
BB	-0.22										-0.220			1		-0.22		
1B (runner to 3B)	-0.68										-0.680			1		-0.68		
4	0.65			0.325							0.325			2		0.65		
K	0.51										0.510			1	7	0.51	0.49	
1B	-0.39										-0.390			1		-0.39		
DP 8-3	0.78						0.092	0.298			0.390			3		0.78		
5	0.10					0.050					0.050			2	6	0.10	0.49	
HR	-1.00										-1.000			1		-1.00		
1B	-0.39										-0.390			1		-0.39		
DP 3-6-1	0.78	0.157					0.207					0.417		3		0.78		
K	0.10										0.100			1	6	0.10	-0.51	
1B	-0.39										-0.390			1		-0.39		
HR	-1.61										-1.610			1		-1.61		
1-3	0.23						0.038					0.192		2		0.23		
6-3	0.16	0.053					0.027					0.080		3		0.16		
K	0.10										0.100			1	8	0.10	-1.51	
8	0.23							0.115					0.115	2		0.23		
1B	-0.22											-0.220		1		-0.22		
K (runner steals 2B)	0.15								0.075				0.075	2		0.15		
K	0.33										0.330			1	6	0.33	0.49	
Team		Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia	Gallardo	Fien	Overton	Ops Sum		SUV Sum		
		SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	58	2	1	2	0	5	8	3	1	0	25	7	4	58	58	-1.045		
Game SUV	-1.08	0.210	0.115	0.448	0.000	-0.515	0.610	0.558	0.075	0.000	-1.770	-1.112	0.300			-0.035	-1.08	
Game SUV/Op	-0.019	0.105	0.115	0.224		-0.103	0.076	0.186	0.075		-0.071	-0.159	0.075	Defensive SUV				
Team		Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia	Gallardo	Fien	Overton	Ops Sum		SUV Sum		
		SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Cumulative Ops	123	5	2	10	0	11	18	6	3	0	25	7	4	123	123	-1.550		
Cumulative SUV	0.84	0.353	0.195	1.038	0.000	-0.543	1.082	0.903	0.252	0.000	-1.770	-1.112	0.300			2.390	0.84	
Cumulative SUV/Op	0.007	0.071	0.098	0.104		-0.049	0.060	0.151	0.084		-0.071	-0.159	0.075	Defensive SUV				
Team		Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia								
		SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)					
Game Ops	35	4	4	4	4	4	4	4	4	4	3							
Game SUV	-3.79	-0.370	-0.730	-0.360	0.410	-1.070	-0.050	0.110	-0.630	-1.100				Err/PB/CI	0.38			
Game SUV/Op	-0.108	-0.093	-0.183	-0.090	0.103	-0.268	-0.013	0.028	-0.158	-0.367				with above	-3.41			
														w/o above	-3.79			
Team		Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia								
		SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)					
Cumulative Ops	73	9	9	8	8	8	8	8	8	3								
Cumulative SUV	-8.16	-1.460	-0.850	-0.110	-1.220	-0.950	0.450	-0.920	-1.600	-1.100				Err/PB/CI	1.34			
Cumulative SUV/Op	-0.112	-0.162	-0.094	-0.014	-0.153	-0.119	0.056	-0.115	-0.200	-0.367				with above	-6.82			
														w/o above	-8.16			
Team		Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia	Gallardo	Fien	Overton					
		SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)					
Game Ops	93	6	5	6	4	9	12	7	5	3	25	7	4					
Game SUV	-4.87	-0.160	-0.615	0.088	0.410	-1.585	0.560	0.668	-0.555	-1.100	-1.770	-1.112	0.300					
Game SUV/Op	-0.052	-0.027	-0.123	0.015	0.103	-0.176	0.047	0.095	-0.111	-0.367	-0.071	-0.159	0.075					
Team		Segura	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Zunino	Heredia	Gallardo	Fien	Overton					
		SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)					
Cumulative Ops	196	14	11	18	8	19	26	14	11	3	25	7	4					
Cumulative SUV	-7.32	-1.107	-0.655	0.928	-1.220	-1.493	1.532	-0.017	-1.348	-1.100	-1.770	-1.112	0.300					
Cumulative SUV/Op	-0.037	-0.079	-0.060	0.052	-0.153	-0.079	0.059	-0.001	-0.123	-0.367	-0.071	-0.159	0.075					

GAME 008 (Summary), APRIL 10, HOUSTON-0 @ SEATTLE-6

	SS (6)	SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	58	0	1	4	5	0	2	7	2	1	1	26	6	3	58	58	0.000	
Game SUV	4.41	0.000	0.077	0.455	0.263	0.000	0.503	0.468	0.305	0.037	0.115	1.768	0.120	0.298			4.410	4.41
Game SUV/Op	0.076		0.077	0.114	0.053		0.252	0.067	0.153	0.037	0.115	0.068	0.020	0.099	Defensive SUV			
	Team	Segura	Motter	Haniger	Cano	Cruz	Seager	Valencia	Martin, L	Zunino	Dyson	Paxton	Altavilla	Scribner	Ops Sum	SUV Sum		
		SS (6)	SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Cumulative Ops	181	5	1	6	15	0	13	25	3	4	7	26	9	6	181	181	-1.550	
Cumulative SUV	5.25	0.353	0.077	0.650	1.302	0.000	-0.040	1.550	0.420	0.288	1.018	1.768	0.445	0.323			6.800	5.25
Cumulative SUV/Op	0.029	0.071	0.077	0.108	0.087		-0.003	0.062	0.140	0.072	0.145	0.068	0.049	0.054	Defensive SUV			
Offensive SUV	Team	Segura	Motter	Haniger	Cano	Cruz	Seager	Valencia	Martin, L	Zunino	Dyson							
		Game Ops	38	2	3	5	4	4	4	4	4			Err/PB/CI	0.82			
		Game SUV	1.26	-0.580	-1.270	0.540	0.510	2.250	1.810	-1.210	-0.880	-0.350	0.440		with above	2.08		
		Game SUV/Op	0.033	-0.290	-0.423	0.108	0.128	0.563	0.453	-0.303	-0.220	-0.088	0.110		w/o above	1.26		
Offensive SUV	Team	Segura	Motter	Haniger	Cano	Cruz	Seager	Valencia	Martin, L	Zunino	Dyson							
		Cumulative Ops	111	11	3	14	12	12	12	12	8			Err/PB/CI	2.16			
		Cumulative SUV	-6.90	-2.040	-1.270	-0.310	0.400	1.030	0.860	-0.760	-1.800	-1.950	0.040		with above	-4.74		
		Cumulative SUV/Op	-0.062	-0.185	-0.423	-0.022	0.033	0.086	0.072	-0.063	-0.150	-0.163	0.005		w/o above	-6.90		
Combined SUV	Team	Segura	Motter	Haniger	Cano	Cruz	Seager	Valencia	Martin, L	Zunino	Dyson	Paxton	Altavilla	Scribner				
		Game Ops	96	2	4	9	9	4	6	11	6	5	5	26	6	3		
		Game SUV	5.67	-0.580	-1.193	0.995	0.773	2.250	2.313	-0.742	-0.575	-0.313	0.555	1.768	0.120	0.298		
		Game SUV/Op	0.059	-0.290	-0.298	0.111	0.086	0.563	0.386	-0.067	-0.096	-0.063	0.111	0.068	0.020	0.099		
Combined SUV	Team	Segura	Motter	Haniger	Cano	Cruz	Seager	Valencia	Martin, L	Zunino	Dyson	Paxton	Altavilla	Scribner				
		Cumulative Ops	292	16	4	20	27	12	25	37	15	16	5	26	9	6		
		Cumulative SUV	-1.65	-1.687	-1.193	0.340	1.702	1.030	0.820	0.790	-1.380	-1.662	0.555	1.768	0.445	0.323		
		Cumulative SUV/Op	-0.006	-0.105	-0.298	0.017	0.063	0.086	0.033	0.021	-0.092	-0.104	0.111	0.068	0.049	0.054		

GAME 011 (Summary), APRIL 14, TEXAS-1 @ SEATTLE-2

	Team	Heredia	Haniger	Cano	Cruz	Seager	Motter	Valencia	Zunino	Dyson	Hernandez	Rzepczynski	Diaz	Ops Sum	SUV Sum				
		LF (7)	RF (9)	2B (4)	DH (0)	3B (5)	SS (6)	1B (3)	C (2)	CF (8)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning		
Game Ops	67	3	2	4	0	5	3	14	0	1	28	2	5	67	67	0.000			
Game SUV	3.41	0.350	0.245	0.518	0.000	0.483	0.278	0.778	0.000	0.110	0.112	0.240	0.295			3.410	3.41		
Game SUV/Op	0.051	0.117	0.123	0.130		0.097	0.093	0.056		0.110	0.004	0.120	0.059	Defensive SUV					
	Team	Heredia	Haniger	Cano	Cruz	Seager	Motter	Valencia	Zunino	Dyson	Hernandez	Rzepczynski	Diaz	Ops Sum	SUV Sum				
		Cumulative Ops	248	3	8	19	0	18	4	39	4	8	28	3	5	248	248	-1.550	
		Cumulative SUV	8.66	0.350	0.895	1.820	0.000	0.443	0.355	2.328	0.288	1.128	0.112	0.350	0.295			10.210	8.66
		Cumulative SUV/Op	0.035	0.117	0.112	0.096		0.025	0.089	0.060	0.072	0.141	0.004	0.117	0.059	Defensive SUV			
Offensive SUV	Team	Heredia	Haniger	Cano	Cruz	Seager	Motter	Valencia	Zunino	Dyson									
		Game Ops	34	4	4	4	4	4	4	3	3			Err/PB/CI	0.00				
		Game SUV	-1.92	-0.100	0.490	-0.530	-0.450	0.970	-1.190	-0.550	-1.420	0.860			with above	-1.92			
		Game SUV/Op	-0.056	-0.025	0.123	-0.133	-0.113	0.243	-0.298	-0.138	-0.473	0.287			w/o above	-1.92			
Offensive SUV	Team	Heredia	Haniger	Cano	Cruz	Seager	Motter	Valencia	Zunino	Dyson									
		Cumulative Ops	145	7	18	16	16	16	7	16	15	11		Err/PB/CI	2.16				
		Cumulative SUV	-8.82	-1.200	0.180	-0.130	0.580	1.830	-2.460	-1.310	-3.370	0.900			with above	-6.66			
		Cumulative SUV/Op	-0.061	-0.171	0.010	-0.008	0.036	0.114	-0.351	-0.082	-0.225	0.082			w/o above	-8.82			
Combined SUV	Team	Heredia	Haniger	Cano	Cruz	Seager	Motter	Valencia	Zunino	Dyson	Hernandez	Rzepczynski	Diaz						
		Game Ops	101	7	6	8	4	9	7	18	3	4	28	2	5				
		Game SUV	1.49	0.250	0.735	-0.012	-0.450	1.453	-0.912	0.228	-1.420	0.970	0.112	0.240	0.295				
		Game SUV/Op	0.015	0.036	0.123	-0.001	-0.113	0.161	-0.130	0.013	-0.473	0.243	0.004	0.120	0.059				
Combined SUV	Team	Heredia	Haniger	Cano	Cruz	Seager	Motter	Valencia	Zunino	Dyson	Hernandez	Rzepczynski	Diaz						
		Cumulative Ops	393	10	26	35	16	34	11	55	19	19	28	3	5				
		Cumulative SUV	-0.16	-0.850	1.075	1.690	0.580	2.273	-2.105	1.018	-3.082	2.028	0.112	0.350	0.295				
		Cumulative SUV/Op	0.000	-0.085	0.041	0.048	0.036	0.067	-0.191	0.019	-0.162	0.107	0.004	0.117	0.059				

GAME 014, APRIL 17, MIAMI-1 @ SEATTLE-6

Play-by-Play	SUV	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino	Miranda	Vincent	Scribner	Ops Sum		SUV Sum	
		LF (7)	RF (9)	2B (4)	DH (0)	3B (5)	SS (6)	1B (3)	CF (8)	C (2)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
4-3	0.23			0.077				0.038			0.115			3		0.23	
3	0.16							0.080			0.080			2		0.16	
6-3	0.10						0.033	0.017			0.050			3	8	0.10	0.49
9	0.23		0.115								0.115			2		0.23	
9	0.16		0.080								0.080			2		0.16	
K	0.10										0.100			1	5	0.10	0.49
K	0.23										0.230			1		0.23	
9	0.16		0.080								0.080			2		0.16	
4-3	0.10			0.033				0.017			0.050			3	6	0.10	0.49
8	0.23								0.115		0.115			2		0.23	
5	0.16					0.080					0.080			2		0.16	
1B	-0.12										-0.120			1		-0.12	
4	0.22			0.110							0.110			2	7	0.22	0.49
K (2-3)	0.23							0.038		0.077	0.115			3		0.23	
K	0.16										0.160			1		0.16	
4-3	0.10			0.033				0.017			0.050			3	7	0.10	0.49
5-3	0.23					0.077		0.038			0.115			3		0.23	
3-1	0.16							0.053			0.107			2		0.16	
1B	-0.12										-0.120			1		-0.12	
1B	-0.23										-0.230			1		-0.23	
9	0.45		0.225								0.225			2	9	0.45	0.49
1B	-0.39										-0.390			1		-0.39	
K	0.40										0.400			1		0.40	
5	0.26					0.130					0.130			2		0.26	
6-3	0.22						0.073	0.037			0.110			3	7	0.22	0.49
6	0.23						0.115					0.115		2		0.23	
4-3	0.16			0.053				0.027				0.080		3		0.16	
K	0.10											0.100		1	6	0.10	0.49
K	0.23												0.230	1		0.23	
HR	-1.00												-1.000	1		-1.00	
K	0.16												0.160	1		0.16	
5-3	0.10					0.033		0.017					0.050	3	6	0.10	-0.51
Team	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino	Miranda	Vincent	Scribner	Ops Sum		SUV Sum		
	LF (7)	RF (9)	2B (4)	DH (0)	3B (5)	SS (6)	1B (3)	CF (8)	C (2)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	61	0	4	5	0	4	3	11	1	1	25	3	4	61	61	0.000	
Game SUV	3.41	0.000	0.500	0.307	0.000	0.320	0.222	0.378	0.115	0.077	1.757	0.295	-0.560			3.410	3.41
Game SUV/Op	0.056		0.125	0.061		0.080	0.074	0.034	0.115		0.070	0.098	-0.140	Defensive SUV			
Team	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino	Miranda	Vincent	Scribner	Ops Sum		SUV Sum		
	LF (7)	RF (9)	2B (4)	DH (0)	3B (5)	SS (6)	1B (3)	CF (8)	C (2)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Cumulative Ops	311	8	12	24	0	22	7	50	4	5	25	3	11	311	311	-1.550	
Cumulative SUV	12.07	1.128	1.395	2.127	0.000	0.763	0.577	2.707	0.535	0.365	1.757	0.295	0.407			35.414	33.86
Cumulative SUV/Op	0.109	0.141	0.116	0.089		0.035	0.082	0.054	0.134	0.073	0.070	0.098	0.037	Defensive SUV			
Offensive SUV	Team	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino							
Game Ops	35	4	4	4	4	4	4	4	4	3			Err/PB/CI	0.24			
Game SUV	1.84	0.770	-0.420	2.090	0.360	-0.370	0.960	-0.670	0.030	-0.910			with above	2.08			
Game SUV/Op	0.053	0.193	-0.105	0.523	0.090	-0.093	0.240	-0.168	0.007	-0.303			w/o above	1.84			
Offensive SUV	Team	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino							
Cumulative Ops	180	15	22	20	20	20	11	20	16	18			Err/PB/CI	2.40			
Cumulative SUV	-6.98	1.670	-0.240	1.960	0.940	1.460	-1.500	-1.980	-1.770	-4.280			with above	-4.58			
Cumulative SUV/Op	-0.039	0.111	-0.011	0.098	0.047	0.073	-0.136	-0.099	-0.111	-0.238			w/o above	-6.98			
Combined SUV	Team	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino	Miranda	Vincent	Scribner				
Game Ops	96	4	8	9	4	8	7	15	5	4	25	3	4				
Game SUV	5.25	0.770	0.080	2.397	0.360	-0.050	1.182	-0.292	0.145	-0.833	1.757	0.295	-0.560				
Game SUV/Op	0.055	0.193	0.010	0.266	0.090	-0.006	0.169	-0.019	0.029	-0.208	0.070	0.098	-0.140				
Combined SUV	Team	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino	Miranda	Vincent	Scribner				
Cumulative Ops	491	23	34	44	20	42	18	70	20	23	25	3	11				
Cumulative SUV	5.09	2.798	1.155	4.087	0.940	2.223	-0.923	0.727	-1.235	-3.915	1.757	0.295	0.407				
Cumulative SUV/Op	0.010	0.122	0.034	0.093	0.047	0.053	-0.051	0.010	-0.062	-0.170	0.070	0.098	0.037				

GAME 017 (Summary), APRIL 20, SEATTLE-6 @ OAKLAND-9

	Team	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino	Paxton	Scribner	Altavilla	Marshall	Ops Sum		SUV Sum		
		LF (7)	RF (9)	2B (4)	DH (0)	3B (5)	SS (6)	1B (3)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	60	2	2	4	0	1	1	4	5	1	24	7	6	3	60	60	-0.850		
Game SUV	-5.08	0.130	-0.255	0.297	0.000	0.207	-0.053	0.055	-0.125	-0.120	-3.090	0.580	-2.755	0.050			-4.230	-5.08	
Game SUV/Op	-0.085	0.065	-0.128	0.074		0.207	-0.053	0.014	-0.025	-0.120	-0.129	0.083	-0.459	0.017	Defensive SUV				
	Team	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino	Paxton	Scribner	Altavilla	Marshall	Ops Sum		SUV Sum		
		LF (7)	RF (9)	2B (4)	DH (0)	3B (5)	SS (6)	1B (3)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Cumulative Ops	369	10	14	28	0	23	8	54	9	6	50	17	15	3	369	369	-2.400		
Cumulative SUV	6.99	1.258	1.140	2.423	0.000	0.970	0.523	2.762	0.410	0.245	-1.322	0.343	-2.310	0.050			9.390	6.99	
Cumulative SUV/Op	0.019	0.126	0.081	0.087		0.042	0.065	0.051	0.046	0.041	-0.026	0.020	-0.154	0.017	Defensive SUV				
Offensive SUV		Team	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino								
Game Ops		37	5	4	4	4	4	4	4	4	4	Err/PB/CI		0.11					
Game SUV		1.48	0.680	-1.380	0.230	-0.020	-0.900	1.860	0.700	-0.510	0.820	with above		1.59					
Game SUV/Op		0.040	0.136	-0.345	0.058	-0.005	-0.225	0.465	0.175	-0.128	0.205	w/o above		1.48					
Offensive SUV		Team	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino								
Cumulative Ops		217	20	26	24	24	24	15	24	20	22	Err/PB/CI		2.51					
Cumulative SUV		-5.5	2.350	-1.620	2.190	0.920	0.560	0.360	-1.280	-2.280	-3.460	with above		-2.99					
Cumulative SUV/Op		-0.025	0.118	-0.062	0.091	0.038	0.023	0.024	-0.053	-0.114	-0.157	w/o above		-5.50					
Combined SUV		Team	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino	Paxton	Scribner	Altavilla	Marshall				
Game Ops		97	7	6	8	4	5	5	8	9	5	24	7	6	3				
Game SUV		-3.60	0.810	-1.635	0.527	-0.020	-0.693	1.807	0.755	-0.635	0.700	-3.090	0.580	-2.755	0.050				
Game SUV/Op		-0.037	0.116	-0.273	0.066	-0.005	-0.139	0.361	0.094	-0.071	0.140	-0.129	0.083	-0.459	0.017				
Combined SUV		Team	Dyson	Haniger	Cano	Cruz	Seager	Motter	Valencia	Martin, L	Zunino	Paxton	Scribner	Altavilla	Marshall				
Cumulative Ops		586	30	40	52	24	47	23	78	29	28	50	17	15	3				
Cumulative SUV		1.49	3.608	-0.480	4.613	0.920	1.530	0.883	1.482	-1.870	-3.215	-1.322	0.343	-2.310	0.050				
Cumulative SUV/Op		0.003	0.120	-0.012	0.089	0.038	0.033	0.038	0.019	-0.064	-0.115	-0.026	0.020	-0.154	0.017				

CUMULATIVES THROUGH 6 GAMES

Offense	+Ops	+SUV	+Avg	Defense	+Ops	+SUV	+Avg	Combined	+Ops	+SUV	+Avg
Dyson	20	2.35	0.118	Dyson	10	1.258	0.126	Dyson	30	3.608	0.120
Cano	24	2.19	0.091	Heredia	3	0.350	0.117	Cano	52	4.613	0.089
Cruz	24	0.92	0.038	Cano	28	2.423	0.087	Motter	23	0.883	0.038
Motter	15	0.36	0.024	Haniger	14	1.140	0.081	Cruz	24	0.920	0.038
Seager	24	0.56	0.023	Segura	5	0.353	0.071	Seager	47	1.530	0.033
Valencia	24	-1.28	-0.053	Motter	8	0.523	0.065	Valencia	78	1.482	0.019
Haniger	26	-1.62	-0.062	Valencia	54	2.762	0.051	Haniger	40	-0.480	-0.012
Martin, L	20	-2.28	-0.114	Martin, L	9	0.410	0.046	Martin, L	29	-1.870	-0.064
Zunino	22	-3.46	-0.157	Seager	23	0.970	0.042	Heredia	10	-0.850	-0.085
Heredia	7	-1.20	-0.171	Zunino	6	0.245	0.041	Segura	16	-1.687	-0.105
Segura	11	-2.04	-0.185	Cruz	0	0.000		Zunino	28	-3.215	-0.115
SUV	217	-5.50	-0.025	Rzepczynski	3	0.350	0.117	Rzepczynski	3	0.350	0.117
Error/PB/CI		2.51	-2.99	Miranda	25	1.757	0.070	Miranda	25	1.757	0.070
				Vincent	3	0.295	0.098	Vincent	3	0.295	0.098
				Overton	4	0.300	0.075	Overton	4	0.300	0.075
				Diaz	5	0.295	0.059	Diaz	5	0.295	0.059
				Marshall	3	0.050	0.017	Marshall	3	0.050	0.017
				Hernandez	28	0.112	0.004	Hernandez	28	0.112	0.004
				Iwakuma	24	-0.433	-0.018	Iwakuma	24	-0.433	-0.018
				Fien	7	-1.112	-0.159	Fien	7	-1.112	-0.159
				Scribner	17	0.343	0.020	Scribner	17	0.343	0.020
				Paxton	50	-1.322	-0.026	Paxton	50	-1.322	-0.026
				Gallardo	25	-1.770	-0.071	Gallardo	25	-1.770	-0.071
				Altavilla	15	-2.310	-0.154	Altavilla	15	-2.310	-0.154
				SUV	369	6.99	0.019	SUV	586	1.49	0.003
				Error/PB/CI		-2.400	9.390				

GAME 020 (Summary), APRIL 23, SEATTLE-11 @ OAKLAND-1

	Team	Dyson CF (8)	Haniger RF (9)	Cano 2B (4)	Cruz DH (0)	Vogelbach 1B (3)	Motter SS (6)	Heredia LF (7)	Freeman 3B (5)	Zunino C (2)	Gallardo P (1)	Zych P (1)	Rzepczynski P (1)	Scribner P (1)	Ops Sum Play Inning	SUV Sum Play Inning	
Game Ops	53	1	0	4	0	6	3	5	1	0	24	2	3	4	53	53	0.000
Game SUV	3.41	0.050	0.000	0.260	0.000	0.262	0.210	0.440	0.080	0.000	1.418	0.020	0.375	0.295		3.410	3.41
Game SUV/Op	0.064	0.050		0.065		0.044	0.070	0.088	0.080		0.059	0.010	0.125	0.074	Defensive SUV		
Cumulative Ops	422	11	14	32	0	6	11	8	1	6	49	2	6	21	422	422	-2.400
Cumulative SUV	10.40	1.308	1.140	2.683	0.000	0.262	0.733	0.790	0.080	0.245	-0.352	0.020	0.725	0.638		12.800	10.40
Cumulative SUV/Op	0.025	0.119	0.081	0.084		0.044	0.067	0.099	0.080	0.041	-0.007	0.010	0.121	0.030	Defensive SUV		
Offensive SUV	Team	Dyson	Haniger	Cano	Cruz	Vogelbach	Motter	Heredia	Freeman	Zunino							
Game Ops	44	5	5	5	5	5	5	5	5	4	Err/PB/CI 0.00						
Game SUV	6.59	-0.420	1.670	1.270	3.220	-0.130	3.400	-1.280	-0.740	-0.400	with above 6.59						
Game SUV/Op	0.150	-0.084	0.334	0.254	0.644	-0.026	0.680	-0.256	-0.148	-0.100	w/o above 6.59						
Cumulative Ops	261	25	31	29	29	5	20	12	5	26	Err/PB/CI 2.51						
Cumulative SUV	1.09	1.930	0.050	3.460	4.140	-0.130	3.760	-2.480	-0.740	-3.860	with above 3.60						
Cumulative SUV/Op	0.004	0.077	0.002	0.119	0.143	-0.026	0.188	-0.207	-0.148	-0.148	w/o above 1.09						
Combined SUV	Team	Dyson	Haniger	Cano	Cruz	Vogelbach	Motter	Heredia	Freeman	Zunino	Gallardo	Zych	Rzepczynski	Scribner			
Game Ops	97	6	5	9	5	11	8	10	6	4	24	2	3	4			
Game SUV	10.00	-0.370	1.670	1.530	3.220	0.132	3.610	-0.840	-0.660	-0.400	1.418	0.020	0.375	0.295			
Game SUV/Op	0.103	-0.062	0.334	0.170	0.644	0.012	0.451	-0.084	-0.110	-0.100	0.059	0.010	0.125	0.074			
Cumulative Ops	683	36	45	61	29	11	31	20	6	32	49	2	6	21			
Cumulative SUV	11.49	3.238	1.190	6.143	4.140	0.132	4.493	-1.690	-0.660	-3.615	-0.352	0.020	0.725	0.638			
Cumulative SUV/Op	0.017	0.090	0.026	0.101	0.143	0.012	0.145	-0.085	-0.110	-0.113	-0.007	0.010	0.121	0.030			

GAME 023, APRIL 26, SEATTLE-2 @ DETROIT-1

Play-by-Play	SUV	Segura SS (6)	Motter 1B (3)	Cano 2B (4)	Cruz DH (0)	Seager 3B (5)	Gamel RF (9)	Heredia LF (7)	Ruiz C (2)	Vogelbach PH	Dyson CF (8)	Iwakuma P (1)	Rzepczynski P (1)	Zych P (1)	Diaz P (1)	Ops Sum Play Inning	SUV Sum Play Inning	
8	0.23										0.115	0.115				2	0.23	
1B	-0.22											-0.220				1	-0.22	
HBP	-0.44											-0.440				1	-0.44	
7	0.47							0.235				0.235				2	0.47	
4-3	0.45		0.075	0.150								0.225				3	0.45	0.49
6-3	0.23	0.077	0.038									0.115				3	0.23	
8	0.16										0.080	0.080				2	0.16	
9	0.10						0.050					0.050				2	0.10	0.49
K	0.23											0.230				1	0.23	
5-3	0.16		0.027			0.053						0.080				3	0.16	
2B	-0.23											-0.230				1	-0.23	
5-3	0.33		0.055			0.110						0.165				3	0.33	0.49
9	0.23						0.115					0.115				2	0.23	
K	0.16											0.160				1	0.16	
BB	-0.12											-0.120				1	-0.12	
6	0.22	0.110										0.110				2	0.22	0.49
5-3	0.23		0.038			0.077						0.115				3	0.23	
7	0.16							0.080				0.080				2	0.16	
4-3	0.10		0.017	0.033								0.050				3	0.10	0.49
2B	-0.63											-0.630				1	-0.63	
K	0.42											0.420				1	0.42	
E-4 (runner scores)	-0.78			-0.935								0.155				2	-0.78	
8	0.26										0.130	0.130				2	0.26	
4-3	0.22		0.037	0.073									0.110			3	0.22	-0.51
K	0.23												0.230			1	0.23	
7	0.16						0.080						0.080			2	0.16	
4-3	0.10		0.017	0.033									0.050			3	0.10	0.49
7	0.23						0.115						0.115			2	0.23	
BB	-0.22												-0.220			1	-0.22	
7	0.26						0.130						0.130			2	0.26	
4-3	0.22		0.037	0.073									0.110			3	0.22	0.49
K	0.23													0.230		1	0.23	
K	0.16													0.160		1	0.16	

GAME 029 (Summary), MAY 4, L.A. ANGELS-3 @ SEATTLE-11

	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Heredia	Zunino	Dyson	Miranda	Zych	Overton	Ops Sum		SUV Sum	
		SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	LF (7)	C (2)	CF (8)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Game Ops	68	4	4	2	0	7	12	1	0	1	29	5	3	68	68	-0.060	
Game SUV	1.41	0.317	0.320	0.163	0.000	0.775	0.685	0.110	0.000	0.130	-0.495	-0.840	0.245			1.470	1.41
Game SUV/Op	0.021	0.079	0.080	0.082		0.111	0.057	0.110		0.130	-0.017	-0.168	0.082	Defensive SUV			
	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Heredia	Zunino	Dyson	Miranda	Zych	Overton	Ops Sum		SUV Sum	
Cumulative Ops	627	13	12	45	0	34	68	17	6	15	54	13	26	627	627	-3.695	
Cumulative SUV	7.14	1.000	1.255	2.545	0.000	2.142	3.490	1.815	0.245	1.763	1.262	-0.555	-1.150			10.835	7.14
Cumulative SUV/Op	0.011	0.077	0.105	0.057		0.063	0.051	0.107	0.041	0.118	0.023	-0.043	-0.044	Defensive SUV			
Offensive SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Heredia	Zunino	Dyson							
Game Ops	43	5	5	5	5	5	5	5	4	4	0.00						
Game SUV	7.08	0.320	3.701	-2.210	1.110	0.510	3.270	1.300	-0.630	-0.290	7.08						
Game SUV/Op	0.165	0.064	0.740	-0.442	0.222	0.102	0.654	0.260	-0.158	-0.073	7.08						
Offensive SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Heredia	Zunino	Dyson							
Cumulative Ops	374	24	13	42	42	37	29	25	30	32	2.24						
Cumulative SUV	4.75	-2.180	3.931	0.880	7.140	2.010	1.990	-1.090	-4.490	0.980	7.86						
Cumulative SUV/Op	0.013	-0.091	0.302	0.021	0.170	0.054	0.069	-0.044	-0.150	0.031	5.62						
Combined SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Heredia	Zunino	Dyson	Miranda	Zych	Overton				
Game Ops	111	9	9	7	5	12	17	6	4	5	29	5	3				
Game SUV	8.49	0.637	4.021	-2.047	1.110	1.285	3.955	1.410	-0.630	-0.160	-0.495	-0.840	0.245				
Game SUV/Op	0.076	0.071	0.447	-0.292	0.222	0.107	0.233	0.235	-0.158	-0.032	-0.017	-0.168	0.082				
Combined SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Heredia	Zunino	Dyson	Miranda	Zych	Overton				
Cumulative Ops	1001	37	25	87	42	71	97	42	36	47	54	13	26				
Cumulative SUV	11.89	-1.180	5.186	3.425	7.140	4.152	5.480	0.725	-4.245	2.743	1.262	-0.555	-1.150				
Cumulative SUV/Op	0.012	-0.032	0.207	0.039	0.170	0.058	0.056	0.017	-0.118	0.058	0.023	-0.043	-0.044				

GAME 032, MAY 7, TEXAS-3 @ SEATTLE-4

Play-by-Play	SUV	Segura	Gamel	Valencia	Cano	Cruz	Seager	Motter	Heredia	Ruiz	Freeman	Dyson	Overton	Bergman	Vincent	Rzepczynski	Diaz	Ops Sum		SUV Sum	
		SS (6)	RF (9)	1B (3)	2B (4)	DH (0)	3B (5)	1B (3)/RF (9)	LF (7)	C (2)	PH	CF (8)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
9	0.23		0.115										0.115					2		0.23	
1B	-0.22												-0.220					1		-0.22	
WP	-0.22												-0.220					1		-0.22	
1B (batter to 2B on throw from RF)	-0.68		-0.220										-0.460					2		-0.68	
SF 7	0.05								0.025				0.025					2		0.05	
1-4 (Pick Off @ 2B)	0.33				0.055								0.275					2	10	0.33	-0.51
K + PB (runner to 1B)	-0.39									-0.620			0.230					2		-0.39	
2B	-1.11												-1.110					1		-1.11	
5-3	0.61						0.203	0.102					0.305					3		0.61	
6-3 (runner scores)	0.05	0.017						0.008					0.025					3		0.05	
BB	-0.12												-0.120					1		-0.12	
5	0.45						0.225						0.225					2	12	0.45	-0.51
6-3	0.23	0.077						0.038					0.115					3		0.23	
E-6	-0.22	-0.300											0.080					2		-0.22	
DP (K + 2-4 caught stealing)	0.48				0.037					0.073			0.370					3	8	0.48	0.49
1B	-0.39												-0.390					1		-0.39	
8	0.40											0.200	0.200					2		0.40	
6-4	0.26	0.087			0.043									0.130				3		0.26	
7	0.22									0.110				0.110				2	8	0.22	0.49
HBP	-0.39													-0.390				1		-0.39	
Sac 5-3	0.18						0.060	0.030						0.090				3		0.18	
3 (runner to 3B)	0.31							0.155						0.155				2		0.31	
4-3	0.39				0.130			0.065						0.195				3	9	0.39	0.49
7	0.23		0.115											0.115				2		0.23	
K	0.16													0.160				1		0.16	
3	0.10							0.050						0.050				2	5	0.10	0.49
BB	-0.39													-0.390				1		-0.39	
1B	-0.63													-0.630				1		-0.63	
Sac + FC (runner reaches 1B)	-0.87							-0.145		-0.290				-0.435				3		-0.87	
SF 8 (runner to 3B)	0.22											0.110		0.110				2		0.22	
K	0.65													0.650				1		0.65	
1-3	0.51							0.085						0.425				2	10	0.51	-0.51
K	0.23														0.230			1		0.23	
K	0.16														0.160			1		0.16	
2B	-0.23													-0.230				1		-0.23	

CUMULATIVES THROUGH 12 GAMES

Offense	+Ops	+SUV	+Avg		Defense	+Ops	+SUV	+Avg		Combined	+Ops	+SUV	+Avg
Cruz	50	7.78	0.156		Dyson	18	2.203	0.122		Cruz	50	7.780	0.156
Gamel	20	2.76	0.138		Freeman	3	0.355	0.118		Gamel	38	4.321	0.114
Valencia	34	4.19	0.123		Powell	1	0.115	0.115		Valencia	109	8.157	0.075
Seager	45	2.60	0.058		Heredia	19	1.950	0.103		Seager	86	5.788	0.067
Motter	34	1.41	0.041		Gamel	18	1.560	0.087		Dyson	57	2.723	0.048
Dyson	39	0.52	0.013		Haniger	14	1.140	0.081		Motter	70	3.278	0.047
Segura	33	0.23	0.007		Seager	41	3.188	0.078		Segura	52	1.387	0.027
Haniger	31	0.05	0.002		Segura	19	1.157	0.061		Haniger	45	1.190	0.026
Cano	46	-0.50	-0.011		Cano	49	2.810	0.057		Cano	95	2.310	0.024
Heredia	29	-1.99	-0.069		Vogelbach	9	0.502	0.056		Heredia	48	-0.040	-0.001
Vogelbach	9	-0.88	-0.098		Valencia	75	3.967	0.053		Vogelbach	18	-0.378	-0.021
Martin, L	20	-2.28	-0.114		Motter	36	1.868	0.052		Martin, L	29	-1.870	-0.064
Zunino	30	-4.49	-0.150		Martin, L	9	0.410	0.046		Zunino	36	-4.245	-0.118
Gosewisch	4	-0.84	-0.210		Zunino	6	0.245	0.041		Freeman	13	-2.255	-0.173
Freeman	10	-2.61	-0.261		Ruiz	5	-0.820	-0.164		Powell	4	-0.725	-0.181
Powell	3	-0.84	-0.280		Cruz	0	0.000			Gosewisch	4	-0.840	-0.210
Ruiz	8	-2.69	-0.336		Gosewisch	0	0.000			Ruiz	13	-3.510	-0.270
SUV	445	2.42	0.005		Rzepczynski	9	1.395	0.155		Rzepczynski	9	1.395	0.155
Error/PB/CI		3.11	5.53		Diaz	12	1.148	0.096		Diaz	12	1.148	0.096
					Vincent	6	0.455	0.076		Vincent	6	0.455	0.076
					Curtis	4	0.265	0.066		Curtis	4	0.265	0.066
					Scribner	21	0.638	0.030		Scribner	21	0.638	0.030
					Miranda	54	1.262	0.023		Miranda	54	1.262	0.023
					Bergman	15	0.345	0.023		Bergman	15	0.345	0.023
					Marshall	3	0.050	0.017		Marshall	3	0.050	0.017
					Iwakuma	47	0.557	0.012		Iwakuma	47	0.557	0.012
					Hernandez	28	0.112	0.004		Hernandez	28	0.112	0.004
					Gallardo	49	-0.352	-0.007		Gallardo	49	-0.352	-0.007
					Paxton	50	-1.322	-0.026		Paxton	50	-1.322	-0.026
					Gaviglio	8	-0.215	-0.027		Gaviglio	8	-0.215	-0.027
					Overton	43	-1.705	-0.040		Overton	43	-1.705	-0.040
					Zych	13	-0.555	-0.043		Zych	13	-0.555	-0.043
					Altavilla	15	-2.310	-0.154		Altavilla	15	-2.310	-0.154
					De Jong	44	-10.057	-0.229		De Jong	44	-10.057	-0.229
					Fien	11	-4.892	-0.445		Fien	11	-4.892	-0.445
					SUV	754	5.47	0.007		SUV	1199	7.89	0.007
					Error/PB/CI		-4.615	10.085					

**GAME 038 (Summary) , MAY 14, SEATTLE-2 @ TORONTO-3 (WALK-OFF HOME
RUN, 2 OUTS)**

	Team	Segura	Gamel	Cruz	Seager	Valencia	Motter	Heredia	Dyson	Ruiz	Miranda	Pazos	Vincent	Rzepczynski	Zych	Diaz	Ops Sum		SUV Sum		
		SS (6)	RF (9)	DH (0)	3B (5)	1B (3)	2B (4)	LF (7)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	60	4	1	0	1	7	2	1	4	2	21	6	3	4	1	3	60	60	0.000		
Game SUV	1.31	0.468	0.080	0.000	0.033	0.313	0.192	0.080	0.560	0.343	0.790	-1.365	0.245	-0.075	0.450	-0.805			1.310	1.31	
Game SUV/Op	0.022	0.117	0.080		0.033	0.045	0.096	0.080	0.140	0.172	0.038	-0.228	0.082	-0.019	0.450	-0.268	Defensive SUV				
	Team	Segura	Gamel	Cruz	Seager	Valencia	Motter	Heredia	Dyson	Ruiz	Miranda	Pazos	Vincent	Rzepczynski	Zych	Diaz	Ops Sum		SUV Sum		
		SS (6)	RF (9)	DH (0)	3B (5)	1B (3)	2B (4)	LF (7)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Cumulative Ops	814	23	19	0	42	82	38	20	22	7	75	6	9	13	14	15	814	814	-4.615		
Cumulative SUV	6.78	1.625	1.640	0.000	3.222	4.280	2.060	2.030	2.763	-0.477	2.052	-1.365	0.700	1.320	-0.105	0.343			11.395	6.78	
Cumulative SUV/Op	0.008	0.071	0.086		0.077	0.052	0.054	0.102	0.126	-0.068	0.027	-0.228	0.078	0.102	-0.007	0.023	Defensive SUV				
Offensive SUV	Team	Segura	Gamel	Cruz	Seager	Valencia	Motter	Heredia	Dyson	Ruiz											
Game Ops	35	4	4	4	4	4	4	4	4	3	0.56										
Game SUV	-2.97	0.350	-0.910	-0.110	0.020	-0.460	-0.980	-0.980	0.340	-0.240	-2.41										
Game SUV/Op	-0.085	0.088	-0.228	-0.028	0.005	-0.115	-0.245	-0.245	0.085	-0.080	-2.97										
Offensive SUV	Team	Segura	Gamel	Cruz	Seager	Valencia	Motter	Heredia	Dyson	Ruiz											
Cumulative Ops	480	37	24	54	49	38	38	33	43	11	3.67										
Cumulative SUV	-0.55	0.580	1.851	7.670	2.620	3.730	0.430	-2.970	0.860	-2.930	3.12										
Cumulative SUV/Op	-0.001	0.016	0.077	0.142	0.053	0.098	0.011	-0.090	0.020	-0.266	-0.55										
Combined SUV	Team	Segura	Gamel	Cruz	Seager	Valencia	Motter	Heredia	Dyson	Ruiz	Miranda	Pazos	Vincent	Rzepczynski	Zych	Diaz					
Game Ops	95	8	5	4	5	11	6	5	8	5	21	6	3	4	1	3					
Game SUV	-1.66	0.818	-0.830	-0.110	0.053	-0.147	-0.788	-0.900	0.900	0.103	0.790	-1.365	0.245	-0.075	0.450	-0.805					
Game SUV/Op	-0.017	0.102	-0.166	-0.028	0.011	-0.013	-0.131	-0.180	0.113	0.021	0.038	-0.228	0.082	-0.019	0.450	-0.268					
Combined SUV	Team	Segura	Gamel	Cruz	Seager	Valencia	Motter	Heredia	Dyson	Ruiz	Miranda	Pazos	Vincent	Rzepczynski	Zych	Diaz					
Cumulative Ops	1294	60	43	54	91	120	76	53	65	18	75	6	9	13	14	15					
Cumulative SUV	6.23	2.205	3.491	7.670	5.842	8.010	2.490	-0.940	3.623	-3.407	2.052	-1.365	0.700	1.320	-0.105	0.343					
Cumulative SUV/Op	0.005	0.037	0.081	0.142	0.064	0.067	0.033	-0.018	0.056	-0.189	0.027	-0.228	0.078	0.102	-0.007	0.023					

GAME 041, MAY 17, OAKLAND-0 @ SEATTLE-4

Play-by-Play	SUV	Segura	Gamel	Cruz	Seager	Valencia	Motter	Powell	Heredia	Gosewisch	Bergman	Pazos	Ops Sum		SUV Sum	
		SS (6)	RF (9)	DH (0)	3B (5)	1B (3)	2B (4)	LF (7)	CF (8)	C (2)	P (1)	P (1)	Play	Inning	Play	Inning
K	0.23												0.230	1		0.23
3	0.16						0.080						0.080	2		0.16
K	0.10												0.100	1	4	0.10 0.49
9	0.23			0.115									0.115	2		0.23
K	0.16												0.160	1		0.16
8	0.10								0.050				0.050	2	5	0.10 0.49
BB	-0.39												-0.390	1		-0.39
K	0.40												0.400	1		0.40
9	0.26			0.130									0.130	2		0.26
4-3	0.22						0.037	0.073					0.110	3	7	0.22 0.49
8	0.23									0.115			0.115	2		0.23
8	0.16									0.080			0.080	2		0.16
5-3	0.10				0.033	0.017							0.050	3	7	0.10 0.49
1-3	0.23						0.038						0.192	2		0.23
1B	-0.22												-0.220	1		-0.22
K	0.26												0.260	1		0.26
K	0.22												0.220	1	5	0.22 0.49
K	0.23												0.230	1		0.23
7	0.16								0.080				0.080	2		0.16
7	0.10								0.050				0.050	2	5	0.10 0.49
1B	-0.39												-0.390	1		-0.39
K	0.40												0.400	1		0.40
7	0.26								0.130				0.130	2		0.26
8	0.22									0.110			0.110	2	6	0.22 0.49
K	0.23												0.230	1		0.23
BB	-0.22												-0.220	1		-0.22
9	0.26			0.130									0.130	2		0.26
K	0.22												0.220	1	5	0.22 0.49
K	0.23												0.230	1		0.23
3	0.16						0.080						0.080	2		0.16
K	0.10												0.100	1	4	0.10 0.49

	Team	Segura	Gamel	Cruz	Seager	Valencia	Motter	Powell	Heredia	Gosewisch	Bergman	Pazos	Ops Sum		SUV Sum	
		SS (6)	RF (9)	DH (0)	3B (5)	1B (3)	2B (4)	LF (7)	CF (8)	C (2)	P (1)	P (1)	Play	Inning	Play	Inning
Game Ops	48	0	3	0	1	5	1	3	4	0	26	5	48	48	0.000	
Game SUV	4.41	0.000	0.375	0.000	0.033	0.252	0.073	0.260	0.355	0.000	2.302	0.760			4.410	4.41
Game SUV/Op	0.092		0.125		0.033	0.050	0.073	0.087	0.089		0.089	0.152	Defensive SUV			
	Team	Segura	Gamel	Cruz	Seager	Valencia	Motter	Powell	Heredia	Gosewisch	Bergman	Pazos	Ops Sum		SUV Sum	
		SS (6)	RF (9)	DH (0)	3B (5)	1B (3)	2B (4)	LF (7)	CF (8)	C (2)	P (1)	P (1)	Play	Inning	Play	Inning
Cumulative Ops	862	23	22	0	43	87	39	4	24	0	41	11	862	862	-4.615	
Cumulative SUV	11.19	1.625	2.015	0.000	3.255	4.532	2.133	0.375	2.385	0.000	2.647	-0.605			15.805	11.19
Cumulative SUV/Op	0.013	0.071	0.092		0.076	0.052	0.055	0.094	0.099		0.065	-0.055	Defensive SUV			
Offensive SUV	Team	Segura	Gamel	Cruz	Seager	Valencia	Motter	Powell	Heredia	Gosewisch						
Game Ops	34	4	4	4	4	4	4	4	3	3			1.16			
Game SUV	-1.08	0.410	0.480	-0.190	-0.210	-1.120	-0.720	0.350	0.490	-0.570			0.08			
Game SUV/Op	-0.032	0.103	0.120	-0.048	-0.053	-0.280	-0.180	0.088	0.163	-0.190			-1.08			
Offensive SUV	Team	Segura	Gamel	Cruz	Seager	Valencia	Motter	Powell	Heredia	Gosewisch						
Cumulative Ops	514	41	28	58	53	42	42	7	36	7			4.83			
Cumulative SUV	-1.63	0.990	2.331	7.480	2.410	2.610	-0.290	-0.490	-2.480	-1.410			3.20			
Cumulative SUV/Op	-0.003	0.024	0.083	0.129	0.045	0.062	-0.007	-0.070	-0.069	-0.201			-1.63			
Combined SUV	Team	Segura	Gamel	Cruz	Seager	Valencia	Motter	Powell	Heredia	Gosewisch	Bergman	Pazos				
Game Ops	82	4	7	4	5	9	5	7	7	3	26	5				
Game SUV	3.33	0.410	0.855	-0.190	-0.177	-0.868	-0.647	0.610	0.845	-0.570	2.302	0.760				
Game SUV/Op	0.041	0.103	0.122	-0.048	-0.035	-0.096	-0.129	0.087	0.121	-0.190	0.089	0.152				
Combined SUV	Team	Segura	Gamel	Cruz	Seager	Valencia	Motter	Powell	Heredia	Gosewisch	Bergman	Pazos				
Cumulative Ops	1376	64	50	58	96	129	81	11	60	7	41	11				
Cumulative SUV	9.56	2.615	4.346	7.480	5.665	7.142	1.843	-0.115	-0.095	-1.410	2.647	-0.605				
Cumulative SUV/Op	0.007	0.041	0.087	0.129	0.059	0.055	0.023	-0.010	-0.002	-0.201	0.065	-0.055				

GAME 044 (Summary), MAY 20, CHICAGO WHITE SOX-16 @ SEATTLE-1

	Team	Segura	Gamel	Cruz	Gosewisch	Seager	Motter	Heredia	Freeman	Ruiz	Dyson	Powell	Gallardo	Overton	Ops Sum		SUV Sum	
		SS (6)	RF (9)	DH (0)	1B (3)	3B (5)	1B (3)/2B (4)	LF (7)/CF (8)	2B (4)/P (1)	C (2)	CF (8)	LF (7)	P (1)	P (1)	Play	Inning	Play	Inning
Game Ops	82	7	3	0	0	3	11	4	8	0	3	1	21	21	82	82	-0.830	
Game SUV	-11.59	0.837	0.210	0.000	0.000	0.177	0.612	0.530	-1.873	0.000	0.642	0.325	-7.295	-5.753			-10.760	-11.59
Game SUV/Op	-0.141	0.120	0.070			0.059	0.056	0.133	-0.234		0.214	0.325	-0.347	-0.274	Defensive SUV			
	Team	Segura	Gamel	Cruz	Gosewisch	Seager	Motter	Heredia	Freeman	Ruiz	Dyson	Powell	Gallardo	Overton	Ops Sum		SUV Sum	
		SS (6)	RF (9)	DH (0)	1B (3)	3B (5)	1B (3)/2B (4)	LF (7)/CF (8)	2B (4)/P (1)	C (2)	CF (8)	LF (7)	P (1)	P (1)	Play	Inning	Play	Inning
Cumulative Ops	946	30	25	0	0	46	50	28	11	7	25	5	70	64	946	946	-5.445	
Cumulative SUV	-0.40	2.462	2.225	0.000	0.000	3.432	2.745	2.915	-1.518	-0.477	3.405	0.700	-7.647	-7.458			26.839	21.39
Cumulative SUV/Op	0.023	0.082	0.089			0.075	0.055	0.104	-0.138	-0.068	0.136	0.140	-0.109	-0.117	Defensive SUV			
Offensive SUV	Team	Segura	Gamel	Cruz	Gosewisch	Seager	Motter	Heredia	Freeman	Ruiz	Dyson	Powell						
Game Ops	31	4	4	3	1	4	3	3	3	3	2	1			0.00			
Game SUV	-3.41	-0.630	0.350	-0.810	-0.780	-0.100	-0.060	-0.960	-0.060	-0.310	-0.280	0.230			-3.41			
Game SUV/Op	-0.110	-0.158	0.088	-0.270	-0.780	-0.025	-0.020	-0.320	-0.020	-0.103	-0.140	0.230			-3.41			
Offensive SUV	Team	Segura	Gamel	Cruz	Gosewisch	Seager	Motter	Heredia	Freeman	Ruiz	Dyson	Powell						
Cumulative Ops	545	45	32	61	8	57	45	39	13	14	45	8			4.83			
Cumulative SUV	-5.04	0.360	2.681	6.670	-2.190	2.310	-0.350	-3.440	-2.670	-3.240	0.580	-0.260			-0.21			
Cumulative SUV/Op	-0.009	0.008	0.084	0.109	-0.274	0.041	-0.008	-0.088	-0.205	-0.231	0.013	-0.033			-5.04			
Combined SUV	Team	Segura	Gamel	Cruz	Gosewisch	Seager	Motter	Heredia	Freeman	Ruiz	Dyson	Powell	Gallardo	Overton				
Game Ops	113	11	7	3	1	7	14	7	11	3	5	2	21	21				
Game SUV	-15.00	0.207	0.560	-0.810	-0.780	0.077	0.552	-0.430	-1.933	-0.310	0.362	0.555	-7.295	-5.753				
Game SUV/Op	-0.133	0.019	0.080	-0.270	-0.780	0.011	0.039	-0.061	-0.176	-0.103	0.072	0.278	-0.347	-0.274				
Combined SUV	Team	Segura	Gamel	Cruz	Gosewisch	Seager	Motter	Heredia	Freeman	Ruiz	Dyson	Powell	Gallardo	Overton				
Cumulative Ops	1491	75	57	61	8	103	95	67	24	21	70	13	70	64				
Cumulative SUV	-5.44	2.822	4.906	6.670	-2.190	5.742	2.395	-0.525	-4.188	-3.717	3.985	0.440	-7.647	-7.458				
Cumulative SUV/Op	-0.004	0.038	0.086	0.109	-0.274	0.056	0.025	-0.008	-0.175	-0.177	0.057	0.034	-0.109	-0.117				

GAME 047 (Summary), MAY 24, SEATTLE-1 @ WASHINGTON-5

	Team	Segura	Seager	Cano	Valencia	Gamel	Motter	Heredia	Zunino	Dyson	Pitcher (NL)	Powell	Gaviglio	Diaz	Vincent	Ops Sum	SUV Sum			
		SS (6)	3B (5)	2B (4)	1B (3)	RF (9)	RF (9)	LF (7)	C (2)	CF (8)	PH	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	72	4	3	5	8	2	1	0	4	7	0	0	28	6	4	72	72	-0.620		
Game SUV	-1.08	-0.440	0.280	0.362	0.333	0.145	0.110	0.000	-0.155	0.805	0.000	0.000	-2.920	0.215	0.185			-0.460	-1.08	
Game SUV/Op	-0.015	-0.110	0.093	0.072	0.042	0.073	0.110		-0.039	0.115			-0.104	0.036	0.046	Defensive SUV				
Cumulative Ops	1016	34	49	54	95	27	51	28	10	32	0	5	36	21	13	1016	1016	-6.065		
Cumulative SUV	-1.48	2.022	3.712	3.172	4.865	2.370	2.855	2.915	0.090	4.210	0.000	0.700	-3.135	0.558	0.885			4.585	-1.48	
Cumulative SUV/Op	-0.001	0.059	0.076	0.059	0.051	0.088	0.056	0.104	0.009	0.132		0.140	-0.087	0.027	0.068	Defensive SUV				
Offensive SUV	Team	Segura	Seager	Cano	Valencia	Gamel	Motter	Heredia	Zunino	Dyson	Pitcher (NL)	Powell								
Game Ops	35	4	4	4	4	3	1	4	4	4	2	1							0.00	
Game SUV	-3.41	-0.940	-0.120	1.210	-0.670	-0.110	-0.220	0.140	-1.850	0.010	-0.700	-0.160								-3.41
Game SUV/Op	-0.097	-0.235	-0.030	0.303	-0.168	-0.037	-0.220	0.035	-0.463	0.002	-0.350	-0.160								-3.41
Offensive SUV	Team	Segura	Seager	Cano	Valencia	Gamel	Motter	Heredia	Zunino	Dyson	Pitcher (NL)	Powell								
Cumulative Ops	580	49	61	50	46	35	46	43	34	49	2	9								4.83
Cumulative SUV	-8.45	-0.580	2.190	0.710	1.940	2.571	-0.570	-3.300	-6.340	0.590	-0.700	-0.420								-3.62
Cumulative SUV/Op	-0.015	-0.012	0.036	0.014	0.042	0.073	-0.012	-0.077	-0.186	0.012	-0.350	-0.047								-8.45
Combined SUV	Team	Segura	Seager	Cano	Valencia	Gamel	Motter	Heredia	Zunino	Dyson	Pitcher (NL)	Powell	Gaviglio	Diaz	Vincent					
Game Ops	107	8	7	9	12	5	2	4	8	11	2	1	28	6	4					
Game SUV	-4.49	-1.380	0.160	1.572	-0.337	0.035	-0.110	0.140	-2.005	0.815	-0.700	-0.160	-2.920	0.215	0.185					
Game SUV/Op	-0.042	-0.173	0.023	0.175	-0.028	0.007	-0.055	0.035	-0.251	0.074	-0.350	-0.160	-0.104	0.036	0.046					
Combined SUV	Team	Segura	Seager	Cano	Valencia	Gamel	Motter	Heredia	Zunino	Dyson	Pitcher (NL)	Powell	Gaviglio	Diaz	Vincent					
Cumulative Ops	1596	83	110	104	141	62	97	71	44	81	2	14	36	21	13					
Cumulative SUV	-9.93	1.442	5.902	3.882	6.805	4.941	2.285	-0.385	-6.250	4.800	-0.700	0.280	-3.135	0.558	0.885					
Cumulative SUV/Op	-0.006	0.017	0.054	0.037	0.048	0.080	0.024	-0.005	-0.142	0.059	-0.350	0.020	-0.087	0.027	0.068					

GAME 050, MAY 27, SEATTLE-0 @ BOSTON-6

Play-by-Play	SUV	Segura	Valencia	Cano	Cruz	Seager	Motter	Heredia	Zunino	Dyson	Whalen	Lawrence	Ops Sum	SUV Sum		
		SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	LF (7)	RF (9)	C (2)	CF (8)	P (1)	P (1)	Play	Inning	Play	Inning
BB	-0.39										-0.390		1		-0.39	
SB	-0.24									-0.120	-0.120		2		-0.24	
HBP	-0.39										-0.390		1		-0.39	
1B (run scores, runner from 2B out advancing to 3B, 7-2-5, batter advances to 2B)	-0.19					0.270	0.270		0.270		-1.000		4		-0.19	
1B (run scores)	-0.78										-0.780		1		-0.78	
HBP	-0.44										-0.440		1		-0.44	
9 (runner to 3B)	0.41							0.205			0.205		2		0.41	
SB	-0.11									-0.055	-0.055		2		-0.11	
BB	-0.12										-0.120		1		-0.12	
1B (run scores, runner from 2B out advancing to home, 9-2)	-0.26							0.493	0.247		-1.000		3	18	-0.26	-2.51
5-3	0.23		0.038				0.077				0.115		3		0.23	
8	0.16									0.080	0.080		2		0.16	
9	0.10							0.050			0.050		2	7	0.10	0.49
4-3	0.23		0.038	0.077							0.115		3		0.23	
6-3	0.16	0.053	0.027								0.080		3		0.16	
1B	-0.12										-0.120		1		-0.12	
3	0.22		0.110								0.110		2	9	0.22	0.49
4-3	0.23		0.038	0.077							0.115		3		0.23	
3	0.16		0.080								0.080		2		0.16	
9	0.10							0.050			0.050		2	7	0.10	0.49
6-3	0.23	0.077	0.038								0.115		3		0.23	
1B	-0.22										-0.220		1		-0.22	
3	0.26		0.130								0.130		2		0.26	
9	0.22							0.110			0.110		2	8	0.22	0.49
5-3	0.23		0.038				0.077				0.115		3		0.23	
1B	-0.22										-0.220		1		-0.22	
HR	-1.78										-1.780		1		-1.78	
K	0.16										0.160		1		0.16	
K	0.10										0.100		1	7	0.10	-1.51
6-3	0.23	0.077	0.038								0.115		3		0.23	
K	0.16										0.160		1		0.16	
6-3	0.10	0.033	0.017								0.050		3	7	0.10	0.49
5-3	0.23		0.038				0.077				0.115		3		0.23	

CUMULATIVES THROUGH 18 GAMES

Offense	+Ops	+SUV	+Avg		Defense	+Ops	+SUV	+Avg		Combined	+Ops	+SUV	+Avg
Gamel	39	4.71	0.121		Powell	5	0.700	0.140		Gamel	69	7.546	0.109
Cruz	66	6.42	0.097		Dyson	36	4.630	0.129		Cruz	67	6.500	0.097
Seager	70	4.32	0.062		Heredia	36	4.098	0.114		Seager	126	8.995	0.071
Dyson	57	0.94	0.016		Gamel	30	2.835	0.095		Dyson	93	5.570	0.060
Cano	59	0.51	0.009		Seager	56	4.675	0.083		Powell	15	0.670	0.045
Motter	50	0.12	0.002		Haniger	14	1.140	0.081		Cano	119	4.268	0.036
Haniger	31	0.05	0.002		Cruz	1	0.080	0.080		Motter	102	3.245	0.032
Powell	10	-0.03	-0.003		Segura	44	3.012	0.068		Valencia	174	5.183	0.030
Valencia	55	-0.82	-0.015		Cano	60	3.758	0.063		Heredia	87	2.458	0.028
Heredia	51	-1.64	-0.032		Motter	52	3.125	0.060		Haniger	45	1.190	0.026
Segura	59	-2.22	-0.038		Vogelbach	9	0.502	0.056		Segura	103	0.792	0.008
Vogelbach	9	-0.88	-0.098		Valencia	119	6.003	0.050		Vogelbach	18	-0.378	-0.021
Martin, L	20	-2.28	-0.114		Martin, L	9	0.410	0.046		Martin, L	29	-1.870	-0.064
Zunino	42	-7.11	-0.169		Zunino	15	0.465	0.031		Zunino	57	-6.645	-0.117
Freeman	13	-2.67	-0.205		Ruiz	7	-0.477	-0.068		Freeman	24	-4.188	-0.175
Ruiz	14	-3.24	-0.231		Freeman	11	-1.518	-0.138		Ruiz	21	-3.717	-0.177
Gosewisch	8	-2.19	-0.274		Gosewisch	0	0.000			Gosewisch	8	-2.190	-0.274
Pitcher (NL)	5	-1.45	-0.290		Pitcher (NL)	0	0.000			Pitcher (NL)	5	-1.450	-0.290
SUV	658	-7.46	-0.011		Rzepczynski	14	1.545	0.110		Rzepczynski	14	1.545	0.110
Error/PB/CI		5.02	-2.44		Vincent	13	0.885	0.068		Vincent	13	0.885	0.068
					Curtis	4	0.265	0.066		Curtis	4	0.265	0.066
					Bergman	41	2.647	0.065		Bergman	41	2.647	0.065
					Scribner	21	0.638	0.030		Scribner	21	0.638	0.030
					Diaz	21	0.558	0.027		Diaz	21	0.558	0.027
					Marshall	3	0.050	0.017		Marshall	3	0.050	0.017
					Iwakuma	47	0.557	0.012		Iwakuma	47	0.557	0.012
					Miranda	97	0.442	0.005		Miranda	97	0.442	0.005
					Hernandez	28	0.112	0.004		Hernandez	28	0.112	0.004
					Zych	15	-0.335	-0.022		Zych	15	-0.335	-0.022
					Paxton	50	-1.322	-0.026		Paxton	50	-1.322	-0.026
					Lawrence	21	-0.765	-0.036		Lawrence	21	-0.765	-0.036
					Pazos	11	-0.605	-0.055		Pazos	11	-0.605	-0.055
					Gaviglio	36	-3.135	-0.087		Gaviglio	36	-3.135	-0.087
					Gallardo	70	-7.647	-0.109		Gallardo	70	-7.647	-0.109
					Overton	64	-7.458	-0.117		Overton	64	-7.458	-0.117
					Altavilla	20	-2.907	-0.145		Altavilla	20	-2.907	-0.145
					Whalen	27	-5.165	-0.191		Whalen	27	-5.165	-0.191
					De Jong	44	-10.057	-0.229		De Jong	44	-10.057	-0.229
					Fien	11	-4.892	-0.445		Fien	11	-4.892	-0.445
					SUV	1162	-3.15	-0.003		SUV	1820	-10.61	-0.006
					Error/PB/CI		6.065	2.915					

GAME 056 (Summary), JUNE 2, TAMPA BAY-4 @ SEATTLE-12

Team	Gamel	Heredia	Cano	Smith	Cruz	Powell	Seager	Valencia	Motter	Dyson	Zunino	Bergman	Pazos	Altavilla	Ops Sum	SUV Sum			
	RF (9)	LF (7)	2B (4)	2B (4)	DH (0)	PR	3B (5)	1B (3)	SS (6)	CF (8)	C (2)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	59	1	4	3	2	0	0	1	5	1	2	1	27	6	6	59	59	0.000	
Game SUV	0.41	0.130	0.495	0.388	0.127	0.000	0.000	0.053	0.190	0.110	0.245	0.100	-0.568	-1.625	0.765		0.410	0.41	
Game SUV/Op	0.007	0.130	0.124	0.129	0.063			0.053	0.038	0.110	0.123	0.100	-0.021	-0.271	0.128			Defensive SUV	
Cumulative Ops	1221	31	40	63	2	1	5	57	124	53	38	16	68	17	26	1221	1221	-6.065	
Cumulative SUV	-2.74	2.965	4.593	4.147	0.127	0.080	0.700	4.728	6.193	3.235	4.875	0.565	2.078	-2.230	-2.142			3.325	-2.74
Cumulative SUV/Op	-0.002	0.096	0.115	0.066	0.063	0.080	0.140	0.083	0.050	0.061	0.128	0.035	0.031	-0.131	-0.082				Defensive SUV
Offensive SUV	Team	Gamel	Heredia	Cano	Smith	Cruz	Powell	Seager	Valencia	Motter	Dyson	Zunino							
Game Ops	41	5	5	4	1	4	1	5	4	4	4	4							0.95
Game SUV	7.13	-0.140	-0.490	0.940	0.440	1.180	-0.310	-2.470	4.280	3.020	1.130	-0.450							8.08
Game SUV/Op	0.174	-0.028	-0.098	0.235	0.440	0.295	-0.310	-0.494	1.070	0.755	0.283	-0.113							7.13
Offensive SUV	Team	Gamel	Heredia	Cano	Smith	Cruz	Powell	Seager	Valencia	Motter	Dyson	Zunino							
Cumulative Ops	699	44	56	63	1	70	11	75	59	54	61	46							5.97
Cumulative SUV	-0.33	4.571	-2.130	1.450	0.440	7.600	-0.340	1.850	3.460	3.140	2.070	-7.560							5.64
Cumulative SUV/Op	0.000	0.104	-0.038	0.023	0.440	0.109	-0.031	0.025	0.059	0.058	0.034	-0.164							-0.33
Combined SUV	Team	Gamel	Heredia	Cano	Smith	Cruz	Powell	Seager	Valencia	Motter	Dyson	Zunino	Bergman	Pazos	Altavilla				
Game Ops	100	6	9	7	3	4	1	6	9	5	6	5	27	6	6				
Game SUV	7.54	-0.010	0.005	1.328	0.567	1.180	-0.310	-2.417	4.470	3.130	1.375	-0.350	-0.568	-1.625	0.765				
Game SUV/Op	0.075	-0.002	0.001	0.190	0.189	0.295	-0.310	-0.403	0.497	0.626	0.229	-0.070	-0.021	-0.271	0.128				
Combined SUV	Team	Gamel	Heredia	Cano	Smith	Cruz	Powell	Seager	Valencia	Motter	Dyson	Zunino	Bergman	Pazos	Altavilla				
Cumulative Ops	1920	75	96	126	3	71	16	132	183	107	99	62	68	17	26				
Cumulative SUV	-3.07	7.536	2.463	5.597	0.567	7.680	0.360	6.578	9.653	6.375	6.945	-6.995	2.078	-2.230	-2.142				
Cumulative SUV/Op	-0.002	0.100	0.026	0.044	0.189	0.108	0.023	0.050	0.053	0.060	0.070	-0.113	0.031	-0.131	-0.082				

GAME 059, JUNE 6, MINNESOTA-3 @ SEATTLE-12

Play-by-Play	SUV	Heredia	Valencia	Smith	Cano	Cruz	Powell	Seager	Motter	Gamel	Zunino	Dyson	Paxton	Zych	Altavilla	Vincent	Ops Sum		SUV Sum		
		LF (7)	1B (3)	SS (6)	2B (4)	DH (0)	DH (0)	3B (5)	SS (6)/1B (3)	RF (9)	C (2)	CF (8)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
9	0.23								0.115				0.115				2		0.23		
6-3	0.16		0.027						0.053				0.080				3		0.16		
4-3	0.10		0.017		0.033								0.050				3	8	0.10	0.49	
BB	-0.39												-0.390				1		-0.39		
DP 6-4-3	0.78		0.027		0.157				0.207				0.390				4		0.78		
K	0.10												0.100				1	6	0.10	0.49	
K	0.23												0.230				1		0.23		
I	0.16												0.160				1		0.16		
K	0.10												0.100				1	3	0.10	0.49	
HR	-1.00												-1.000				1		-1.00		
7	0.23	0.115											0.115				2		0.23		
2B	-0.44												-0.440				1		-0.44		
WP	-0.24												-0.240				1		-0.24		
BB	-0.22												-0.220				1		-0.22		
6-4 (run scores)	-0.06				-0.010				-0.020				-0.030				3		-0.06		
1B (runner to 3B)	-0.29												-0.290				1		-0.29		
4	0.51				0.255								0.255				2	12	0.51	-1.51	
5-3	0.23		0.038					0.077					0.115				3		0.23		
1B	-0.22												-0.220				1		-0.22		
WP	-0.22												-0.220				1		-0.22		
BB	-0.22												-0.220				1		-0.22		
(run scores; runner to 3B)	-1.24												-1.240				1		-1.24		
K	0.65												0.650				1		0.65		
9	0.51									0.255			0.255				2	10	0.51	-0.51	
1B	-0.39												-0.390				1		-0.39		
3-6	0.40		0.133						0.067				0.200				3		0.40		
BB	-0.44												-0.440				1		-0.44		
K	0.47												0.470				1		0.47		
K	0.45												0.450				1	7	0.45	0.49	
5	0.23							0.115						0.115			2		0.23		
7	0.16	0.080												0.080			2		0.16		
1B	-0.12												-0.120				1		-0.12		
2B	-0.40												-0.400				1		-0.40		
6	0.62								0.310				0.310				2	8	0.62	0.49	
1B	-0.39												-0.390				1		-0.39		
5	0.40							0.200					0.200				2		0.40		
8	0.26											0.130		0.130			2		0.26		
2B	-0.40												-0.400				1		-0.40		
K	0.62												0.620				1	7	0.62	0.49	
1B	-0.39												-0.390				1		-0.39		
3	0.40								0.200				0.200				2		0.40		
4-5	0.26				0.087			0.043					0.130				3		0.26		
8	0.22											0.110					0.110	2	8	0.22	0.49
Team	Team	Heredia	Valencia	Smith	Cano	Cruz	Powell	Seager	Motter	Gamel	Zunino	Dyson	Paxton	Zych	Altavilla	Vincent	Ops Sum		SUV Sum		
Game Ops	69	2	5	0	5	0	0	4	6	2	0	2	24	5	10	4	69	69	0.000		
Game SUV	1.41	0.195	0.242	0.000	0.522	0.000	0.000	0.435	0.817	0.370	0.000	0.240	-1.895	0.290	0.145	0.050			1.410	1.41	
Game SUV/Op	0.020	0.098	0.048		0.104			0.109	0.136	0.185		0.120	-0.079	0.058	0.015	0.013	Defensive SUV				
Team	Team	Heredia	Valencia	Smith	Cano	Cruz	Powell	Seager	Motter	Gamel	Zunino	Dyson	Paxton	Zych	Altavilla	Vincent	Ops Sum		SUV Sum		
Cumulative Ops	1290	42	129	2	68	1	5	61	59	33	16	40	74	20	36	17	1290	1290	-6.065		
Cumulative SUV	-1.33	4.788	6.435	0.127	4.668	0.080	0.700	5.163	4.052	3.335	0.565	5.115	-3.217	-0.045	-1.997	0.935			4.735	-1.33	
Cumulative SUV/Op	-0.001	0.114	0.050	0.063	0.069	0.080	0.140	0.085	0.069	0.101	0.035	0.128	-0.043	-0.002	-0.055	0.055	Defensive SUV				
Team	Team	Heredia	Valencia	Smith	Cano	Cruz	Powell	Seager	Motter	Gamel	Zunino	Dyson									
Game Ops	42	5	4	1	5	3	2	5	5	4	4	4	-0.00								
Game SUV	8.08	1.210	1.880	-0.160	3.070	0.970	-0.850	2.890	0.130	-0.440	-0.410	-0.210	8.08								
Game SUV/Op	0.192	0.242	0.470	-0.160	0.614	0.323	-0.425	0.578	0.026	-0.110	-0.103	-0.053	8.08								
Team	Team	Heredia	Valencia	Smith	Cano	Cruz	Powell	Seager	Motter	Gamel	Zunino	Dyson									
Cumulative Ops	741	61	63	2	68	73	13	80	59	48	50	65	5.97								
Cumulative SUV	7.75	-0.920	5.340	0.280	4.520	8.570	-1.190	4.740	3.270	4.131	-7.970	1.860	13.72								
Cumulative SUV/Op	0.010	-0.015	0.085	0.140	0.066	0.117	-0.092	0.059	0.055	0.086	-0.159	0.029	7.75								
Team	Team	Heredia	Valencia	Smith	Cano	Cruz	Powell	Seager	Motter	Gamel	Zunino	Dyson	Paxton	Zych	Altavilla	Vincent					
Game Ops	111	7	9	1	10	3	2	9	11	6	4	6	24	5	10	4					
Game SUV	9.49	1.405	2.122	-0.160	3.592	0.970	-0.850	3.325	0.947	-0.070	-0.410	0.030	-1.895	0.290	0.145	0.050					
Game SUV/Op	0.085	0.201	0.236	-0.160	0.359	0.323	-0.425	0.369	0.086	-0.012	-0.103	0.005	-0.079	0.058	0.015	0.013					
Team	Team	Heredia	Valencia	Smith	Cano	Cruz	Powell	Seager	Motter	Gamel	Zunino	Dyson	Paxton	Zych	Altavilla	Vincent					
Cumulative Ops	2031	103	192	4	136	74	18	141	118	81	66	105	74	20	36	17					
Cumulative SUV	6.42	3.868	11.775	0.407	9.188	8.650	-0.490	9.903	7.322	7.466	-7.405	6.975	-3.217	-0.045	-1.997	0.935					
Cumulative SUV/Op	0.003	0.038	0.061	0.102	0.068	0.117	-0.027	0.070	0.062	0.092	-0.112	0.066	-0.043	-0.002	-0.055	0.055					

GAME 062 (Summary), JUNE 9, TORONTO-2 @ SEATTLE-4

	Team	Gamel	Heredia	Cano	Cruz	Seager	Valencia	Zunino	Dyson	Motter	Gaviglio	Cloyd	Vincent	Diaz	Ops Sum		SUV Sum			
		RF (9)	LF (7)	2B (4)	DH (0)	3B (5)	1B (3)	C (2)	CF (8)	SS (6)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning		
Game Ops		64	0	0	5	0	2	9	3	2	6	25	4	5	3	64	64	-0.240		
Game SUV		2.41	0.000	0.000	0.467	0.000	0.253	0.393	0.082	0.322	0.758	-0.520	-0.210	0.490	0.375			2.650	2.41	
Game SUV/Op		0.038			0.093		0.127	0.044	0.027	0.161	0.126	-0.021	-0.053	0.098	0.125	Defensive SUV				
	Team	Gamel	Heredia	Cano	Cruz	Seager	Valencia	Zunino	Dyson	Motter	Gaviglio	Cloyd	Vincent	Diaz	Ops Sum		SUV Sum			
		RF (9)	LF (7)	2B (4)	DH (0)	3B (5)	1B (3)	C (2)	CF (8)	SS (6)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning		
Cumulative Ops		1354	33	42	73	1	63	138	19	42	65	61	4	22	24	1354	1354	-6.305		
Cumulative SUV		1.08	3.335	4.788	5.135	0.080	5.417	6.828	0.647	5.437	4.810	-3.655	-0.210	1.425	0.933			7.385	1.08	
Cumulative SUV/Op		0.001	0.101	0.114	0.070	0.080	0.086	0.049	0.034	0.129	0.074	-0.060	-0.053	0.065	0.039	Defensive SUV				
Offensive SUV	Team	Gamel	Heredia	Cano	Cruz	Seager	Valencia	Zunino	Dyson	Motter										
Game Ops		33	4	4	4	4	4	4	3	3										
Game SUV		0.08	1.070	-1.120	0.150	-0.690	1.130	-0.620	0.050	1.160	-1.050									0.08
Game SUV/Op		0.002	0.268	-0.280	0.038	-0.173	0.283	-0.155	0.017	0.387	-0.350									0.08
Offensive SUV	Team	Gamel	Heredia	Cano	Cruz	Seager	Valencia	Zunino	Dyson	Motter										
Cumulative Ops		774	52	65	72	77	84	67	53	68										62
Cumulative SUV		7.83	5.201	-2.040	4.670	7.880	5.870	4.720	-7.920	3.020	2.220									13.80
Cumulative SUV/Op		0.010	0.100	-0.031	0.065	0.102	0.070	0.070	-0.149	0.044	0.036									7.83
Combined SUV	Team	Gamel	Heredia	Cano	Cruz	Seager	Valencia	Zunino	Dyson	Motter	Gaviglio	Cloyd	Vincent	Diaz						
Game Ops		97	4	4	9	4	6	13	6	5	9	25	4	5	3					
Game SUV		2.49	1.070	-1.120	0.617	-0.690	1.383	-0.227	0.132	1.482	-0.292	-0.520	-0.210	0.490	0.375					
Game SUV/Op		0.026	0.268	-0.280	0.069	-0.173	0.231	-0.017	0.022	0.296	-0.032	-0.021	-0.053	0.098	0.125					
Combined SUV	Team	Gamel	Heredia	Cano	Cruz	Seager	Valencia	Zunino	Dyson	Motter	Gaviglio	Cloyd	Vincent	Diaz						
Cumulative Ops		2128	85	107	145	78	147	205	72	110	127	61	4	22	24					
Cumulative SUV		8.91	8.536	2.748	9.805	7.960	11.287	11.548	-7.273	8.457	7.030	-3.655	-0.210	1.425	0.933					
Cumulative SUV/Op		0.004	0.100	0.026	0.068	0.102	0.077	0.056	-0.101	0.077	0.055	-0.060	-0.053	0.065	0.039					

GAME 065 (Summary), JUNE 12, SEATTLE-14 @ MINNESOTA-3

	Team	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Zunino	Heredia	Smith	Gallardo	Zych	Pazos	Cishek	Ops Sum		SUV Sum			
		LF (7)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	C (2)	CF (8)	SS (6)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning		
Game Ops		67	1	2	4	0	4	11	0	3	4	26	3	3	6	67	67	-0.300		
Game SUV		1.41	0.115	0.310	0.213	0.000	0.475	0.048	0.000	0.490	0.240	-1.532	0.245	0.325	0.480			1.710	1.41	
Game SUV/Op		0.021	0.115	0.155	0.053		0.119	0.004		0.163	0.060	-0.059	0.082	0.108	0.080	Defensive SUV				
	Team	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Zunino	Heredia	Smith	Gallardo	Zych	Pazos	Cishek	Ops Sum		SUV Sum			
		LF (7)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	C (2)	CF (8)	SS (6)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning		
Cumulative Ops		1421	34	16	77	1	67	149	19	45	6	96	23	20	6	1421	1421	-6.605		
Cumulative SUV		2.49	3.450	1.450	5.348	0.080	5.892	6.877	0.647	5.278	0.367	-9.178	0.200	-1.905	0.480			9.095	2.49	
Cumulative SUV/Op		0.002	0.101	0.091	0.069	0.080	0.088	0.046	0.034	0.117	0.061	-0.096	0.009	-0.095	0.080	Defensive SUV				
Offensive SUV	Team	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Zunino	Heredia	Smith										
Game Ops		51	6	6	6	6	6	5	5	5										
Game SUV		7.82	1.050	2.630	-1.110	2.150	0.960	1.060	1.730	-0.930	0.280									1.77
Game SUV/Op		0.153	0.175	0.438	-0.185	0.358	0.160	0.177	0.346	-0.186	0.056									9.59
Offensive SUV	Team	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Zunino	Heredia	Smith										
Cumulative Ops		825	58	37	78	83	90	73	58	70										7.74
Cumulative SUV		15.65	6.251	2.680	3.560	10.030	6.830	5.780	-6.190	-2.970	0.560									23.39
Cumulative SUV/Op		0.019	0.108	0.072	0.046	0.121	0.076	0.079	-0.107	-0.042	0.080									15.65
Combined SUV	Team	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Zunino	Heredia	Smith	Gallardo	Zych	Pazos	Cishek						
Game Ops		118	7	8	10	6	10	17	5	8	9	26	3	3	6					
Game SUV		9.23	1.165	2.940	-0.897	2.150	1.435	1.108	1.730	-0.440	0.520	-1.532	0.245	0.325	0.480					
Game SUV/Op		0.078	0.166	0.368	-0.090	0.358	0.144	0.065	0.346	-0.055	0.058	-0.059	0.082	0.108	0.080					
Combined SUV	Team	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Zunino	Heredia	Smith	Gallardo	Zych	Pazos	Cishek						
Cumulative Ops		2246	92	53	155	84	157	222	77	115	13	96	23	20	6					
Cumulative SUV		18.14	9.701	4.130	8.908	10.110	12.722	12.657	-5.543	2.308	0.927	-9.178	0.200	-1.905	0.480					
Cumulative SUV/Op		0.008	0.105	0.078	0.057	0.120	0.081	0.057	-0.072	0.020	0.071	-0.096	0.009	-0.095	0.080					

GAME 068, JUNE 15, SEATTLE-2 @ MINNESOTA-6

Play-by-Play	SUV	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Motter	Miranda	De Jong	Ops Sum		SUV Sum	
		LF (7)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	SS (6)	P (1)	P (1)	Play	Inning	Play	Inning
2B	-0.63										-0.630		1		-0.63	
WP	-0.24										-0.240		1		-0.24	
HR	-1.13										-1.130		1		-1.13	
BB	-0.39										-0.390		1		-0.39	
3	0.40						0.200				0.200		2		0.40	
9	0.26		0.130								0.130		2		0.26	
1B	-0.23										-0.230		1		-0.23	
HR	-2.65										-2.650		1		-2.65	
2B	-0.23										-0.230		1		-0.23	
3	0.33						0.165				0.165		2	13	0.33	-4.51
HBP	-0.39										-0.390		1		-0.39	
1B	-0.63										-0.630		1		-0.63	
1B	-0.87										-0.870		1		-0.87	
5	0.78					0.390					0.390		2		0.78	
K	0.86										0.860		1		0.86	
5	0.74					0.370					0.370		2	8	0.74	0.49
HR	-1.00										-1.000		1		-1.00	
4-3	0.23			0.077			0.038				0.115		3		0.23	
8	0.16							0.080			0.080		2		0.16	
K	0.10										0.100		1	7	0.10	-0.51
1B	-0.39										-0.390		1		-0.39	
1B	-0.63										-0.630		1		-0.63	
8	0.59							0.295			0.295		2		0.59	
DP 6-4-3	0.92			0.238			0.085			0.137	0.460		4	8	0.92	0.49
4	0.23			0.115								0.115	2		0.23	
3	0.16						0.080					0.080	2		0.16	
7	0.10	0.050										0.050	2	6	0.10	0.49
6-3	0.23						0.038			0.077		0.115	3		0.23	
BB	-0.22										-0.220		1		-0.22	
5	0.26					0.130					0.130		2		0.26	
8	0.22							0.110			0.110		2	8	0.22	0.49
K	0.23										0.230		1		0.23	
2B	-0.44										-0.440		1		-0.44	
7	0.37	0.185									0.185		2		0.37	
8	0.33							0.165			0.165		2	6	0.33	0.49
BB	-0.39										-0.390		1		-0.39	
K	0.40										0.400		1		0.40	
DP 6-4-3	0.48			0.097			0.017			0.127		0.240	4	6	0.48	0.49
Team	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Motter	Miranda	De Jong	Ops Sum		SUV Sum		
Game Ops	2	2	1	4	0	3	7	4	0	3	24	14	62	62	0.000	
Game SUV	-62	0.235	0.130	0.527	0.000	0.890	0.623	0.650	0.000	0.340	-6.245	0.770			-2.080	-2.08
Game SUV/Op	-0.034	0.118	0.130	0.132		0.297	0.089	0.163		0.113	-0.260	0.055	Defensive SUV			
Team	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Motter	Miranda	De Jong	Ops Sum		SUV Sum		
Cumulative Ops	1483	36	17	81	1	70	156	46	7	68	121	58	1483	1483	-6.605	
Cumulative SUV	0.41	3.685	1.580	5.875	0.080	6.782	7.500	6.087	-0.477	5.150	-5.803	-9.287			7.015	0.41
Cumulative SUV/Op	0.000	0.102	0.093	0.073	0.080	0.097	0.048	0.132	-0.068	0.076	-0.048	-0.160	Defensive SUV			
Offensive SUV	Team	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Motter						
Game Ops	33	4	4	4	4	4	4	3	3	3	0.00					
Game SUV	-2.41	1.110	-0.880	0.220	-1.030	0.600	-0.460	-1.000	-0.750	-0.220	-2.41					
Game SUV/Op	-0.073	0.278	-0.220	0.055	-0.258	0.150	-0.115	-0.333	-0.250	-0.073	-2.41					
Offensive SUV	Team	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Motter						
Cumulative Ops	858	62	41	82	87	94	77	71	17	65	7.74					
Cumulative SUV	13.24	7.361	1.800	3.780	9.000	7.430	5.520	2.020	-3.990	2.000	20.98					
Cumulative SUV/Op	0.015	0.119	0.044	0.046	0.103	0.079	0.069	0.028	-0.235	0.031	13.24					
Combined SUV	Team	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Motter	Miranda	De Jong				
Game Ops	95	6	5	8	4	7	11	7	3	6	24	14				
Game SUV	-4.49	1.345	-0.750	0.747	-1.030	1.490	0.163	-0.350	-0.750	0.120	-6.245	0.770				
Game SUV/Op	-0.047	0.224	-0.150	0.093	-0.258	0.213	0.015	-0.050	-0.250	0.020	-0.260	0.055				
Combined SUV	Team	Gamel	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Motter	Miranda	De Jong				
Cumulative Ops	2341	98	58	163	88	164	233	117	24	133	121	58				
Cumulative SUV	13.65	11.046	3.380	9.655	9.080	14.212	12.820	8.107	-4.467	7.150	-5.803	-9.287				
Cumulative SUV/Op	0.006	0.113	0.058	0.059	0.103	0.087	0.055	0.069	-0.186	0.054	-0.048	-0.160				

GAME 071 (Summary), JUNE 18, SEATTLE-7 @ TEXAS-3

Team		Game1	Heredia	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Smith	Bergman	Rzepczynski	Cishek	Pazos	Vincent	Diaz	Ops Sum	SUV Sum		
		LF (7)	LF (7)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	SS (6)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Game Ops	67	2	1	1	4	0	3	9	5	0	4	22	1	4	3	5	3	67	67	0.000	
Game SUV	1.41	0.230	0.080	0.130	0.383	0.000	0.147	0.352	0.830	0.000	0.397	-0.958	0.110	-0.075	-1.060	0.435	0.410			1.410	1.41
Game SUV/Op	0.021	0.115	0.080	0.130	0.096		0.049	0.039	0.166		0.099	-0.044	0.110	-0.019	-0.353	0.087	0.137				
Defensive SUV																					

Team		Game1	Heredia	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Smith	Bergman	Rzepczynski	Cishek	Pazos	Vincent	Diaz	Ops Sum	SUV Sum		
		LF (7)	LF (7)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	SS (6)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Cumulative Ops	1550	38	46	18	85	1	73	165	51	7	10	90	15	10	23	27	27	1550	1550	-6.605	
Cumulative SUV	1.82	3.915	5.358	1.710	6.258	0.080	6.928	7.852	6.917	-0.477	0.763	1.120	1.655	0.405	-2.965	1.860	1.343			8.425	1.82
Cumulative SUV/Op	0.001	0.103	0.116	0.095	0.074	0.080	0.095	0.048	0.136	-0.068	0.076	0.012	0.110	0.041	-0.129	0.069	0.050				
Defensive SUV																					

Team		Game1	Heredia	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Smith
Game Ops	41	4	1	5	5	5	5	4	4	4	4
Game SUV	0.51	0.570	0.390	-0.400	0.190	-0.820	2.220	0.150	-0.670	-0.440	-0.680
Game SUV/Op	0.012	0.143	0.390	-0.080	0.038	-0.164	0.444	0.038	-0.168	-0.110	-0.170
2.08											
2.59											
0.51											

Team		Game1	Heredia	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Smith
Cumulative Ops	899	66	71	46	87	92	99	81	75	21	11
Cumulative SUV	13.75	7.931	-2.580	1.400	3.970	8.180	9.650	5.470	1.350	-4.430	-0.120
Cumulative SUV/Op	0.015	0.120	-0.036	0.030	0.046	0.089	0.097	0.068	0.018	-0.211	-0.011
9.82											
23.57											
13.75											

Team		Game1	Heredia	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Smith	Bergman	Rzepczynski	Cishek	Pazos	Vincent	Diaz
Game Ops	108	6	2	6	9	5	8	13	9	4	8	22	1	4	3	5	3
Game SUV	1.92	0.800	0.470	-0.270	0.573	-0.820	2.367	0.502	0.160	-0.440	-0.283	-0.958	0.110	-0.075	-1.060	0.435	0.410
Game SUV/Op	0.018	0.133	0.235	-0.045	0.064	-0.164	0.296	0.039	0.018	-0.110	-0.035	-0.044	0.110	-0.019	-0.353	0.087	0.137

Team		Game1	Heredia	Haniger	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Smith	Bergman	Rzepczynski	Cishek	Pazos	Vincent	Diaz
Cumulative Ops	2449	104	117	64	172	93	172	246	126	28	21	90	15	10	23	27	27
Cumulative SUV	15.57	11.846	-2.778	3.110	10.228	8.260	16.578	13.322	8.267	-4.907	0.643	1.120	1.655	0.405	-2.965	1.860	1.343
Cumulative SUV/Op	0.006	0.114	0.024	0.049	0.059	0.089	0.096	0.054	0.066	-0.175	0.031	0.012	0.110	0.041	-0.129	0.069	0.050

CUMULATIVES THROUGH 24 GAMES

Offense	+Ops	+SUV	+Avg	Defense	+Ops	+SUV	+Avg	Combined	+Ops	+SUV	+Avg
Game1	66	7.93	0.120	Powell	5	0.700	0.140	Game1	104	11.846	0.114
Seager	99	9.65	0.097	Dyson	51	6.917	0.136	Seager	172	16.578	0.096
Cruz	92	8.18	0.089	Heredia	46	5.358	0.116	Cruz	93	8.260	0.089
Valencia	81	5.47	0.068	Game1	38	3.915	0.103	Dyson	126	8.267	0.066
Cano	87	3.97	0.046	Haniger	18	1.710	0.095	Cano	172	10.228	0.059
Motter	65	2.00	0.031	Seager	73	6.928	0.095	Valencia	246	13.322	0.054
Haniger	46	1.40	0.030	Cruz	1	0.080	0.080	Motter	133	7.150	0.054
Dyson	75	1.35	0.018	Smith	10	0.763	0.076	Haniger	64	3.110	0.049
Smith	11	-0.12	-0.011	Motter	68	5.150	0.076	Smith	21	0.643	0.031
Heredia	71	-2.58	-0.036	Cano	85	6.258	0.074	Heredia	117	2.778	0.024
Segura	59	-2.22	-0.038	Segura	44	3.012	0.068	Segura	103	0.792	0.008
Powell	13	-1.19	-0.092	Vogelbach	9	0.502	0.056	Vogelbach	18	-0.378	-0.021
Vogelbach	9	-0.88	-0.098	Valencia	165	7.852	0.048	Powell	18	-0.490	-0.027
Zunino	58	-6.19	-0.107	Martin, L	9	0.410	0.046	Martin, L	29	-1.870	-0.064
Martin, L	20	-2.28	-0.114	Zunino	19	0.647	0.034	Zunino	77	-5.543	-0.072
Freeman	13	-2.67	-0.205	Ruiz	7	-0.477	-0.068	Freeman	24	-4.188	-0.175
Ruiz	21	-4.43	-0.211	Freeman	11	-1.518	-0.138	Ruiz	28	-4.907	-0.175
Gosewisch	8	-2.19	-0.274	Gosewisch	0	0.000		Gosewisch	8	-2.190	-0.274
Pitcher (NL)	5	-1.45	-0.290	Pitcher (NL)	0	0.000		Pitcher (NL)	5	-1.450	-0.290
SUV	899	13.75	0.015	Rzepczynski	15	1.655	0.110	Rzepczynski	15	1.655	0.110
Error/PB/CI		9.82	23.57	Vincent	27	1.860	0.069	Vincent	27	1.860	0.069
				Curtis	4	0.265	0.066	Curtis	4	0.265	0.066
				Diaz	27	1.343	0.050	Diaz	27	1.343	0.050
				Cishek	10	0.405	0.041	Cishek	10	0.405	0.041
				Scribner	21	0.638	0.030	Scribner	21	0.638	0.030
				Marshall	3	0.050	0.017	Marshall	3	0.050	0.017
				Bergman	90	1.120	0.012	Bergman	90	1.120	0.012
				Iwakuma	47	0.557	0.012	Iwakuma	47	0.557	0.012
				Zych	23	0.200	0.009	Zych	23	0.200	0.009
				Hernandez	28	0.112	0.004	Hernandez	28	0.112	0.004
				Lawrence	21	-0.765	-0.036	Lawrence	21	-0.765	-0.036
				Paxton	74	-3.217	-0.043	Paxton	74	-3.217	-0.043
				Miranda	121	-5.803	-0.048	Miranda	121	-5.803	-0.048
				Cloyd	4	-0.210	-0.053	Cloyd	4	-0.210	-0.053
				Altavilla	36	-1.997	-0.055	Altavilla	36	-1.997	-0.055
				Gaviglio	61	-3.655	-0.060	Gaviglio	61	-3.655	-0.060
				Gallardo	96	-9.178	-0.096	Gallardo	96	-9.178	-0.096
				Overton	64	-7.458	-0.117	Overton	64	-7.458	-0.117
				Pazos	23	-2.965	-0.129	Pazos	23	-2.965	-0.129
				De Jong	58	-9.287	-0.160	De Jong	58	-9.287	-0.160
				Whalen	27	-5.165	-0.191	Whalen	27	-5.165	-0.191
				Fien	11	-4.892	-0.445	Fien	11	-4.892	-0.445
				SUV	1550	1.82	0.001	SUV	2449	15.57	0.006
				Error/PB/CI		-6.605	8.425				

GAME 074 (Summary), JUNE 21, DETROIT-5 @ SEATTLE-7

	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Dyson	Zunino	Paxton	Zych	Vincent	Diaz	Ops Sum		SUV Sum	
		SS (6)	LF (7)	2B (4)	DH (0)	3B (5)	1B (3)	RF (9)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Game Ops	65	4	0	5	0	3	6	2	2	3	26	5	4	5	65	65	-0.480	
Game SUV	-0.59	0.435	0.000	0.572	0.000	0.337	0.295	0.130	-0.365	0.587	-2.625	0.560	0.185	-0.700			-0.110	-0.59
Game SUV/Op	-0.009	0.109		0.114		0.112	0.049	0.065	-0.183	0.196	-0.101	0.112	0.046	-0.140	Defensive SUV			
Cumulative Ops	1617	48	38	90	1	76	171	20	53	22	100	28	31	32	1617	1617	-7.085	
Cumulative SUV	1.23	3.447	3.915	6.830	0.080	7.265	8.147	1.840	6.552	1.233	-5.842	0.760	2.045	0.643			30.109	23.02
Cumulative SUV/Op	0.014	0.072	0.103	0.076	0.080	0.096	0.048	0.092	0.124	0.056	-0.058	0.027	0.066	0.020	Defensive SUV			
Offensive SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Dyson	Zunino								
Game Ops	36	4	4	4	4	4	4	4	4	4		0.00						
Game SUV	3.08	0.340	0.910	0.820	2.310	-0.420	-1.170	0.760	-0.430	-0.040		3.08						
Game SUV/Op	0.086	0.085	0.228	0.205	0.578	-0.105	-0.293	0.190	-0.108	-0.010		3.08						
Cumulative Ops	935	63	70	91	96	103	85	50	79	62		9.82						
Cumulative SUV	16.83	-1.880	8.841	4.790	10.490	9.230	4.300	2.160	0.920	-6.230		26.65						
Cumulative SUV/Op	0.018	-0.030	0.126	0.053	0.109	0.090	0.051	0.043	0.012	-0.100		16.83						
Combined SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Dyson	Zunino	Paxton	Zych	Vincent	Diaz				
Game Ops	101	8	4	9	4	7	10	6	6	7	26	5	4	5				
Game SUV	2.49	0.775	0.910	1.392	2.310	-0.083	-0.875	0.890	-0.795	0.547	-2.625	0.560	0.185	-0.700				
Game SUV/Op	0.025	0.097	0.228	0.155	0.578	-0.012	-0.088	0.148	-0.133	0.078	-0.101	0.112	0.046	-0.140				
Cumulative Ops	2552	111	108	181	97	179	256	70	132	84	100	28	31	32				
Cumulative SUV	18.06	1.567	12.756	11.620	10.570	16.495	12.447	4.000	7.472	-4.997	-5.842	0.760	2.045	0.643				
Cumulative SUV/Op	0.007	0.014	0.118	0.064	0.109	0.092	0.049	0.057	0.057	-0.059	-0.058	0.027	0.066	0.020				

GAME 077, JUNE 24, HOUSTON-5 @ SEATTLE-2

Play-by-Play	SUV	Segura	Gamel	Cano	Cruz	Seager	Haniger	Dyson	Motter	Zunino	Ruiz	Gaviglio	Zych	Rzepczynski	Cishek	Altavilla	Ops Sum		SUV Sum	
		SS (6)	LF (7)	2B (4)	DH (0)	3B (5)	RF (9)	CF (8)	1B (3)	PH	C (2)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
BB	-0.39																1		-0.39	
1-3 (runner to 2B)	0.18								0.030			0.150					2		0.18	
6-3	0.37	0.123							0.062			0.185					3		0.37	
BB	-0.12											-0.120					1		-0.12	
K	0.45											0.450					1	8	0.45	0.49
1B	-0.39											-0.390					1		-0.39	
1B	-0.63											-0.630					1		-0.63	
6	0.59	0.295										0.295					2		0.59	
DP 6-4-3	0.92	0.137		0.238				0.085				0.460					4	8	0.92	0.49
1B	-0.39											-0.390					1		-0.39	
Balk	-0.24											-0.240					1		-0.24	
HR	-1.37											-1.370					1		-1.37	
5-3	0.23				0.077			0.038				0.115					3		0.23	
K	0.16											0.160					1		0.16	
3	0.10							0.050				0.050					2	9	0.10	-1.51
2-3	0.23							0.038			0.077	0.115					3		0.23	
2B	-0.44											-0.440					1		-0.44	
K	0.37											0.370					1		0.37	
9	0.33						0.165					0.165					2	7	0.33	0.49
5-3	0.23				0.077			0.038				0.115					3		0.23	
8	0.16							0.080				0.080					2		0.16	
2B	-0.23											-0.230					1		-0.23	
8	0.33							0.165				0.165					2	8	0.33	0.49
2	0.23									0.115	0.115						2		0.23	
BB	-0.22											-0.220					1		-0.22	
8	0.26							0.130									2		0.26	
2	0.22									0.110	0.110						2	7	0.22	0.49
K	0.23											0.230					1		0.23	
1B	-0.22											-0.220					1		-0.22	
CI (Rzepczynski)	-0.44										-0.440						1		-0.44	
K	0.47													0.470			1		0.47	
1B	-0.29													-0.290			1		-0.29	
2B (3 runs score)	-2.59													-2.590			1		-2.59	
IBB	-0.12													-0.120			1		-0.12	
K	0.45											0.450					1	8	0.45	-2.51
5-3	0.23				0.077			0.038									0.115	3	0.23	
K	0.16															0.160	1		0.16	
7	0.10		0.050												0.050	2	6	0.10	0.49	

5	0.23						0.115									0.115	2		0.23	
4	0.16			0.080												0.080	2		0.16	
3-1	0.10								0.033							0.067	2	6	0.10	0.49
	Team	Segura	Gamel	Cano	Cruz	Seager	Haniger	Dyson	Motter	Zunino	Ruiz	Gaviglio	Zych	Rzepczynski	Cishek	Altavilla	Ops Sum	SUV Sum		
		SS (6)	LF (7)	2B (4)	DH (0)	3B (5)	RF (9)	CF (8)	1B (3)	PH	C (2)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Game Ops	67	3	1	2	0	4	1	3	9	0	4	27	2	0	5	6	67	67	-0.440	
Game SUV	-0.59	0.555	0.050	0.318	0.000	0.345	0.165	0.375	0.413	0.000	-0.138	-1.190	0.010	0.000	-2.080	0.587			-0.150	-0.59
Game SUV/Op	-0.009	0.185	0.050	0.159		0.086	0.165	0.125	0.046		-0.035	-0.044	0.005		-0.416	0.098				Defensive SUV
	Team	Segura	Gamel	Cano	Cruz	Seager	Haniger	Dyson	Motter	Zunino	Ruiz	Gaviglio	Zych	Rzepczynski	Cishek	Altavilla	Ops Sum	SUV Sum		
		SS (6)	LF (7)	2B (4)	DH (0)	3B (5)	RF (9)	CF (8)	1B (3)	PH	C (2)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Cumulative Ops	1682	51	39	92	1	80	21	56	77	22	11	88	30	15	15	42	1682	1682	-7.525	
Cumulative SUV	0.64	4.002	3.965	7.148	0.080	7.610	2.005	6.927	5.563	1.233	-0.615	-4.845	0.770	1.655	-1.675	-1.410			8.165	0.64
Cumulative SUV/Op	0.000	0.078	0.102	0.078	0.080	0.095	0.095	0.124	0.072	0.056	-0.056	-0.055	0.026	0.110	-0.112	-0.034				Defensive SUV
Offensive SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Haniger	Dyson	Motter	Zunino	Ruiz									
Game Ops	36	4	4	4	4	4	4	4	3	1	4								0.00	
Game SUV	-2.41	0.010	-1.010	0.570	-0.560	0.410	-0.370	-1.020	-1.000	1.000	-0.440								-2.41	
Game SUV/Op	-0.067	0.003	-0.253	0.143	-0.140	0.103	-0.093	-0.255	-0.333	1.000	-0.110								-2.41	
Offensive SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Haniger	Dyson	Motter	Zunino	Ruiz									
Cumulative Ops	971	67	74	95	100	107	54	83	68	63	25								9.82	
Cumulative SUV	14.42	-1.870	7.831	5.360	9.930	9.640	1.790	-0.100	1.000	-5.230	-4.870								24.24	
Cumulative SUV/Op	0.015	-0.028	0.106	0.056	0.099	0.090	0.033	-0.001	0.015	-0.083	-0.195								14.42	
Combined SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Haniger	Dyson	Motter	Zunino	Ruiz	Gaviglio	Zych	Rzepczynski	Cishek	Altavilla				
Game Ops	103	7	5	6	4	8	5	7	12	1	8	27	2	0	5	6				
Game SUV	-3.00	0.565	-0.960	0.888	-0.560	0.755	-0.205	-0.645	-0.587	1.000	-0.578	-1.190	0.010	0.000	-2.080	0.587				
Game SUV/Op	-0.029	0.081	-0.192	0.148	-0.140	0.094	-0.041	-0.092	-0.049	1.000	-0.072	-0.044	0.005		-0.416	0.098				
Combined SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Haniger	Dyson	Motter	Zunino	Ruiz	Gaviglio	Zych	Rzepczynski	Cishek	Altavilla				
Cumulative Ops	2653	118	113	187	101	187	75	139	145	85	36	88	30	15	15	42				
Cumulative SUV	15.06	2.132	11.796	12.508	10.010	17.250	3.795	6.827	6.563	-3.997	-5.485	-4.845	0.770	1.655	-1.675	-1.410				
Cumulative SUV/Op	0.006	0.018	0.104	0.067	0.099	0.092	0.051	0.049	0.045	-0.047	-0.152	-0.055	0.026	0.110	-0.112	-0.034				

GAME 080 (Summary), JUNE 28, PHILADELPHIA-5 @ SEATTLE-4

	Team	Segura	Gamel	Cano	Cruz	Seager	Haniger	Valencia	Dyson	Zunino	Hernandez	Pazos	Vincent	Diaz	Cishek	Ops Sum	SUV Sum			
		SS (6)	LF (7)	2B (4)	DH (0)	3B (5)	RF (9)	1B (3)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	63	2	2	3	0	4	2	9	2	2	24	3	3	6	1	63	63	0.000		
Game SUV	-0.59	0.130	-0.195	0.160	0.000	0.375	0.165	0.412	0.160	0.118	-1.595	0.440	0.360	-1.730	0.220			-0.590	-0.59	
Game SUV/Op	-0.009	0.065	0.098	0.053		0.094	0.083	0.046	0.080	0.059	-0.066	0.147	0.120	-0.288	0.220				Defensive SUV	
	Team	Segura	Gamel	Cano	Cruz	Seager	Haniger	Valencia	Dyson	Zunino	Hernandez	Pazos	Vincent	Diaz	Cishek	Ops Sum	SUV Sum			
		SS (6)	LF (7)	2B (4)	DH (0)	3B (5)	RF (9)	1B (3)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Cumulative Ops	1745	53	41	95	1	84	23	180	58	24	52	26	34	38	16	1745	1745	-7.525		
Cumulative SUV	0.05	4.132	4.160	7.308	0.080	7.985	2.170	8.558	7.087	1.352	-1.483	-2.525	2.405	-1.087	-1.455			7.575	0.05	
Cumulative SUV/Op	0.000	0.078	0.101	0.077	0.080	0.095	0.094	0.048	0.122	0.056	-0.029	-0.097	0.071	-0.029	-0.091				Defensive SUV	
Offensive SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Haniger	Valencia	Dyson	Zunino										
Game Ops	38	5	5	4	4	4	4	4	4	4									0.06	
Game SUV	-0.47	0.570	-0.740	0.590	0.010	0.850	-1.010	0.380	-0.200	-0.920									-0.41	
Game SUV/Op	-0.012	0.114	-0.148	0.148	0.002	0.213	-0.253	0.095	-0.050	-0.230									-0.47	
Offensive SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Haniger	Valencia	Dyson	Zunino										
Cumulative Ops	1009	72	79	99	104	111	58	89	87	67									9.88	
Cumulative SUV	13.95	-1.300	7.091	5.950	9.940	10.490	0.780	4.680	-0.300	-6.150									23.83	
Cumulative SUV/Op	0.014	-0.018	0.090	0.060	0.096	0.095	0.013	0.053	-0.003	-0.092									13.95	
Combined SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Haniger	Valencia	Dyson	Zunino	Hernandez	Pazos	Vincent	Diaz	Cishek					
Game Ops	101	7	7	7	4	8	6	13	6	6	24	3	3	6	1					
Game SUV	-1.06	0.700	-0.545	0.750	0.010	1.225	-0.845	0.792	-0.040	-0.802	-1.595	0.440	0.360	-1.730	0.220					
Game SUV/Op	-0.010	0.100	-0.078	0.107	0.002	0.153	-0.141	0.061	-0.007	-0.134	-0.066	0.147	0.120	-0.288	0.220					
Combined SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Haniger	Valencia	Dyson	Zunino	Hernandez	Pazos	Vincent	Diaz	Cishek					
Cumulative Ops	2754	125	120	194	105	195	81	269	145	91	52	26	34	38	16					
Cumulative SUV	14.00	2.832	11.251	13.258	10.020	18.475	2.950	13.238	6.787	-4.798	-1.483	-2.525	2.405	-1.087	-1.455					
Cumulative SUV/Op	0.005	0.023	0.094	0.068	0.095	0.095	0.036	0.049	0.047	-0.053	-0.029	-0.097	0.071	-0.029	-0.091					

GAME 083 (Summary), JULY 2, SEATTLE-5 @ L.A. ANGELS-3

	Team	Segura	Gamel	Cano	Haniger	Seager	Valencia	Heredia	Zunino	Powell	Paxton	Cishek	Vincent	Rzepczynski	Diaz	Ops Sum		SUV Sum	
		SS (6)	LF (7)	2B (4)	RF (9)	3B (5)	1B (3)	CF (8)	C (2)	DH (0)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Game Ops	68	7	1	3	1	2	14	3	2	0	23	1	5	2	4	68	68	0.000	
Game SUV	1.41	0.714	0.130	0.493	0.115	0.110	0.605	0.275	-0.030	0.000	-0.063	0.886	-2.780	0.270	0.685			1.410	1.41
Game SUV/Op	0.021	0.102	0.130	0.164	0.115	0.055	0.043	0.092	-0.015		-0.003	0.886	-0.556	0.135	0.171	Defensive SUV			
	Team	Segura	Gamel	Cano	Haniger	Seager	Valencia	Heredia	Zunino	Powell	Paxton	Cishek	Vincent	Rzepczynski	Diaz	Ops Sum		SUV Sum	
		SS (6)	LF (7)	2B (4)	RF (9)	3B (5)	1B (3)	CF (8)	C (2)	DH (0)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Cumulative Ops	1813	60	42	98	24	86	194	49	26	5	123	17	39	17	42	1813	1813	-7.525	
Cumulative SUV	1.46	4.845	4.290	7.802	2.285	8.095	9.164	5.633	1.322	0.700	-5.905	-0.569	-0.375	1.925	-0.402			8.985	1.46
Cumulative SUV/Op	0.001	0.081	0.102	0.080	0.095	0.094	0.047	0.115	0.051	0.140	-0.048	-0.033	-0.010	0.113	-0.010	Defensive SUV			
Offensive SUV	Team	Segura	Gamel	Cano	Haniger	Seager	Valencia	Heredia	Zunino	Powell									
Game Ops	38	5	5	4	4	4	4	4	4	4	0.00								
Game SUV	0.59	2.430	-1.040	1.770	-1.360	-0.650	-0.590	0.900	-1.290	0.420	0.59								
Game SUV/Op	0.016	0.486	-0.208	0.443	-0.340	-0.163	-0.148	0.225	-0.323	0.105	0.59								
Offensive SUV	Team	Segura	Gamel	Cano	Haniger	Seager	Valencia	Heredia	Zunino	Powell									
Cumulative Ops	1047	77	84	103	62	115	93	75	71	17	9.88								
Cumulative SUV	14.54	1.130	6.051	7.720	-0.580	9.840	4.090	-1.680	-7.440	-0.770	24.42								
Cumulative SUV/Op	0.014	0.015	0.072	0.075	-0.009	0.086	0.044	-0.022	-0.105	-0.045	14.54								
Combined SUV	Team	Segura	Gamel	Cano	Haniger	Seager	Valencia	Heredia	Zunino	Powell	Paxton	Cishek	Vincent	Rzepczynski	Diaz				
Game Ops	106	12	6	7	5	6	18	7	6	4	23	1	5	2	4				
Game SUV	2.00	3.144	-0.910	2.263	-1.245	-0.540	0.015	1.175	-1.320	0.420	-0.063	0.886	-2.780	0.270	0.685				
Game SUV/Op	0.019	0.262	-0.152	0.323	-0.249	-0.090	0.001	0.168	-0.220	0.105	-0.003	0.886	-0.556	0.135	0.171				
Combined SUV	Team	Segura	Gamel	Cano	Haniger	Seager	Valencia	Heredia	Zunino	Powell	Paxton	Cishek	Vincent	Rzepczynski	Diaz				
Cumulative Ops	2860	137	126	201	86	201	287	124	97	22	123	17	39	17	42				
Cumulative SUV	16.00	5.975	10.341	15.522	1.705	17.935	13.254	3.953	-6.118	-0.070	-5.905	-0.569	-0.375	1.925	-0.402				
Cumulative SUV/Op	0.006	0.044	0.082	0.077	0.020	0.089	0.046	0.032	-0.063	-0.003	-0.048	-0.033	-0.010	0.113	-0.010				

GAME 086, JULY 5, KANSAS CITY-9 @ SEATTLE-6 (10 INNINGS)

Play-by-Play	SUV	Segura	Valencia	Cano	Cruz	Gamel	Haniger	Zunino	Dyson	Heredia	Motter	Miranda	Zych	Rzepczynski	Diaz	Pazos	Vincent	Ops Sum		SUV Sum	
		SS (6)	1B (3)	2B (4)	DH (0)	LF (7)	RF (9)	C (2)	CF (8)	CF (8)	3B (5)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
1B	-0.39											-0.390						1		-0.39	
1 (runner to 2B)	0.18											0.180						1		0.18	
BB	-0.22											-0.220						1		-0.22	
2B (2 runs score)	-1.78											-1.780						1		-1.78	
8	0.37								0.185			0.185						2		0.37	
HR	-1.77											-1.770						1		-1.77	
8	0.10								0.050			0.050						2	9	0.10	-3.51
2	0.23							0.115				0.115						2		0.23	
K	0.16											0.160						1		0.16	
K	0.10											0.100						1	4	0.10	0.49
1B	-0.39											-0.390						1		-0.39	
K	0.18											0.180						1		0.18	
3 (runner to 2B)	0.37		0.185									0.185						2		0.37	
3	0.33		0.165									0.165						2	6	0.33	0.49
5	0.23										0.115	0.115						2		0.23	
K	0.16											0.160						1		0.16	
K	0.10											0.100						1	4	0.10	0.49
BB	-0.39											-0.390						1		-0.39	
8	0.40								0.200			0.200						2		0.40	
K	0.26											0.260						1		0.26	
HR	-1.88											-1.880						1		-1.88	
2	0.10							0.050				0.050						2	7	0.10	-1.51
K	0.23												0.230					1		0.23	
7	0.16					0.080							0.080					2		0.16	
K	0.10											0.100						1	4	0.10	0.49
6-3	0.23	0.077	0.038									0.115						3		0.23	
K	0.16											0.160						1		0.16	
HBP	-0.12											-0.120						1		-0.12	
SB	-0.11							-0.055				-0.055						2		-0.11	
K	0.33											0.330						1	8	0.33	0.49
6-3	0.23	0.077	0.038									0.115						3		0.23	
BB	-0.22												-0.220					1		-0.22	
K	0.26												0.260					1		0.26	
1B	-0.23												-0.230					1		-0.23	
K (2-3)	0.45		0.075					0.150							0.225			3	9	0.45	0.49
1B	-0.39														-0.390			1		-0.39	
K	0.40														0.400			1		0.40	
9	0.26							0.130							0.130			2		0.26	
6	0.22	0.110													0.110			2	6	0.22	0.49
E-4	-0.39			-0.505												0.115		2		-0.39	

5-4	0.40			0.067													0.200		3		0.40
HR	-1.78																-1.780		1		-1.78
1B	-0.22																-0.220		1		-0.22
BB	-0.44																-0.440		1		-0.44
6 (runner to 3B)	0.41	0.205																0.205	2		0.41
1B (runner to 3B)	-1.00																	-1.000	1		-1.00
K	0.51																	0.510	1	12	0.51 -2.51
Team	Segura	Valencia	Cano	Cruz	Gamel	Haniger	Zunino	Dyson	Heredia	Motter	Miranda	Zych	Rzepczynski	Diaz	Pazos	Vincent	Ops Sum	SUV Sum			
	SS (6)	1B (3)	2B (4)	DH (0)	LF (7)	RF (9)	C (2)	CF (8)	CF (8)	3B (5)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	69	4	5	2	0	1	1	4	3	0	2	22	9	3	5	5	3	69	69	-0.505	
Game SUV	-4.10	0.468	0.502	-0.438	0.000	0.080	0.130	0.260	0.435	0.000	0.248	-4.615	0.955	-0.190	0.475	-2.125	-0.285			-3.595	-4.10
Game SUV/Op	-0.059	0.117	0.100	-0.219		0.080	0.130	0.065	0.145		0.124	-0.210	0.106	-0.063	0.095	-0.425	-0.095				Defensive SUV
Team	Segura	Valencia	Cano	Cruz	Gamel	Haniger	Zunino	Dyson	Heredia	Motter	Miranda	Zych	Rzepczynski	Diaz	Pazos	Vincent	Ops Sum	SUV Sum			
	SS (6)	1B (3)	2B (4)	DH (0)	LF (7)	RF (9)	C (2)	CF (8)	CF (8)	3B (5)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Cumulative Ops	1884	64	199	100	1	43	25	30	61	49	79	143	39	21	47	31	42	1884	1884	-8.030	
Cumulative SUV	-2.64	5.314	9.665	7.363	0.080	4.370	2.415	1.582	7.522	5.633	5.812	-10.418	1.725	1.766	0.073	-4.650	-0.660			27.184	19.15
Cumulative SUV/Op	0.010	0.083	0.049	0.074	0.080	0.102	0.097	0.053	0.123	0.115	0.074	-0.073	0.044	0.084	0.002	-0.150	-0.016				Defensive SUV
Team	Segura	Valencia	Cano	Cruz	Gamel	Haniger	Zunino	Dyson	Heredia	Motter											
Game Ops	39	5	5	5	4	4	4	4	3	1	4			0.00							
Game SUV	1.10	1.380	-0.600	-0.910	0.780	1.260	-0.970	0.240	0.440	-0.160	-0.360			1.10							
Game SUV/Op	0.028	0.276	-0.120	-0.182	0.195	0.315	-0.243	0.060	0.147	-0.160	-0.090			1.10							
Team	Segura	Valencia	Cano	Cruz	Gamel	Haniger	Zunino	Dyson	Heredia	Motter											
Cumulative Ops	1086	82	98	108	108	88	66	75	90	76	72			9.88							
Cumulative SUV	15.64	2.510	3.490	6.810	10.720	7.311	-1.550	-7.200	0.140	-1.840	0.640			25.52							
Cumulative SUV/Op	0.014	0.031	0.036	0.063	0.099	0.083	-0.023	-0.096	0.002	-0.024	0.009			15.64							
Team	Segura	Valencia	Cano	Cruz	Gamel	Haniger	Zunino	Dyson	Heredia	Motter	Miranda	Zych	Rzepczynski	Diaz	Pazos	Vincent					
Game Ops	108	9	10	7	4	5	5	8	6	1	6	22	9	3	5	5	3				
Game SUV	-3.00	1.848	-0.098	-1.348	0.780	1.340	-0.840	0.500	0.875	-0.160	-0.112	-4.615	0.955	-0.190	0.475	-2.125	-0.285				
Game SUV/Op	-0.028	0.205	-0.010	-0.193	0.195	0.268	-0.168	0.063	0.146	-0.160	-0.019	-0.210	0.106	-0.063	0.095	-0.425	-0.095				
Team	Segura	Valencia	Cano	Cruz	Gamel	Haniger	Zunino	Dyson	Heredia	Motter	Miranda	Zych	Rzepczynski	Diaz	Pazos	Vincent					
Cumulative Ops	2970	146	297	208	109	131	91	105	151	125	151	143	39	21	47	31	42				
Cumulative SUV	13.00	7.824	13.155	14.173	10.800	11.681	0.865	-5.618	7.662	3.793	6.452	-10.418	1.725	1.766	0.073	-4.650	-0.660				
Cumulative SUV/Op	0.004	0.054	0.044	0.068	0.099	0.089	0.010	-0.054	0.051	0.030	0.043	-0.073	0.044	0.084	0.002	-0.150	-0.016				

GAME 089 (Summary), JULY 8, OAKLAND-4 @ SEATTLE-3

Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Dyson	Zunino	Moore	Pazos	Vincent	Diaz	Ops Sum	SUV Sum						
	SS (6)	LF (7)	2B (4)	DH (0)	3B (5)	1B (3)	RF (9)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning				
Game Ops	68	4	2	3	0	3	6	6	2	1	27	3	5	6	68	68	0.000				
Game SUV	0.41	0.363	0.235	0.143	0.000	0.497	0.447	0.930	0.340	-0.025	-2.240	0.325	0.375	-0.980			0.410	0.41			
Game SUV/Op	0.006	0.091	0.118	0.048		0.166	0.074	0.155	0.170	-0.025	-0.083	0.108	0.075	-0.163							Defensive SUV
Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Dyson	Zunino	Moore	Pazos	Vincent	Diaz	Ops Sum	SUV Sum						
	SS (6)	LF (7)	2B (4)	DH (0)	3B (5)	1B (3)	RF (9)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning				
Cumulative Ops	1952	68	45	103	1	89	205	31	63	31	27	34	47	53	1952	1952	-8.030				
Cumulative SUV	-2.23	5.677	4.605	7.507	0.080	8.592	10.112	3.345	7.862	1.557	-2.240	-4.325	-0.285	-0.907			27.594	19.56			
Cumulative SUV/Op	0.010	0.083	0.102	0.073	0.080	0.097	0.049	0.108	0.125	0.050	-0.083	-0.127	-0.006	-0.017							Defensive SUV
Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Dyson	Zunino												
Game Ops	35	4	4	4	4	4	4	4	4	3				0.22							
Game SUV	-1.63	0.730	0.610	-1.150	-1.070	-0.400	-0.570	-0.420	1.690	-1.050				-1.41							
Game SUV/Op	-0.047	0.183	0.153	-0.288	-0.268	-0.100	-0.143	-0.105	0.423	-0.350				-1.63							
Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Dyson	Zunino												
Cumulative Ops	1121	86	92	112	112	119	102	70	94	78				10.10							
Cumulative SUV	14.01	3.240	7.921	5.660	9.650	9.440	2.920	-1.970	1.830	-8.250				24.11							
Cumulative SUV/Op	0.012	0.038	0.086	0.051	0.086	0.079	0.029	-0.028	0.019	-0.106				14.01							
Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Dyson	Zunino	Moore	Pazos	Vincent	Diaz								
Game Ops	103	8	6	7	4	7	10	10	6	4	27	3	5	6							
Game SUV	-1.22	1.093	0.845	-1.007	-1.070	0.097	-0.123	0.510	2.030	-1.075	-2.240	0.325	0.375	-0.980							
Game SUV/Op	-0.012	0.137	0.141	-0.144	-0.268	0.014	-0.012	0.051	0.338	-0.269	-0.083	0.108	0.075	-0.163							
Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Dyson	Zunino	Moore	Pazos	Vincent	Diaz								
Cumulative Ops	3073	154	137	215	113	208	307	101	157	109	27	34	47	53							
Cumulative SUV	11.78	8.917	12.526	13.167	9.730	18.032	13.032	1.375	9.692	-6.693	-2.240	-4.325	-0.285	-0.907							
Cumulative SUV/Op	0.004	0.058	0.091	0.061	0.086	0.087	0.042	0.014	0.062	-0.061	-0.083	-0.127	-0.006	-0.017							

CUMULATIVES THROUGH 30 GAMES

Offense	+Ops	+SUV	+Avg	Defense	+Ops	+SUV	+Avg	Combined	+Ops	+SUV	+Avg
Cruz	112	9.65	0.086	Powell	5	0.700	0.140	Gamel	137	12.526	0.091
Gamel	92	7.92	0.086	Dyson	63	7.862	0.125	Seager	208	18.032	0.087
Seager	119	9.44	0.079	Heredia	49	5.633	0.115	Cruz	113	9.730	0.086
Cano	112	5.66	0.051	Haniger	31	3.345	0.108	Dyson	157	9.692	0.062
Segura	86	3.24	0.038	Gamel	45	4.605	0.102	Cano	215	13.167	0.061
Valencia	102	2.92	0.029	Seager	89	8.592	0.097	Segura	154	8.917	0.058
Dyson	94	1.83	0.019	Segura	68	5.677	0.083	Motter	151	6.452	0.043
Motter	72	0.64	0.009	Cruz	1	0.080	0.080	Valencia	307	13.032	0.042
Smith	11	-0.12	-0.011	Smith	10	0.763	0.076	Smith	21	0.643	0.031
Heredia	76	-1.84	-0.024	Motter	79	5.812	0.074	Heredia	125	3.793	0.030
Haniger	70	-1.97	-0.028	Cano	103	7.507	0.073	Haniger	101	1.375	0.014
Powell	17	-0.77	-0.045	Vogelbach	9	0.502	0.056	Powell	22	-0.070	-0.003
Vogelbach	9	-0.88	-0.098	Zunino	31	1.557	0.050	Vogelbach	18	-0.378	-0.021
Zunino	78	-8.25	-0.106	Valencia	205	10.112	0.049	Zunino	109	-6.693	-0.061
Martin, L.	20	-2.28	-0.114	Martin, L.	9	0.410	0.046	Martin, L.	29	-1.870	-0.064
Ruiz	25	-4.87	-0.195	Ruiz	11	-0.615	-0.056	Ruiz	36	-5.485	-0.152
Freeman	13	-2.67	-0.205	Freeman	11	-1.518	-0.138	Freeman	24	-4.188	-0.175
Gosewisch	8	-2.19	-0.274	Gosewisch	0	0.000		Gosewisch	8	-2.190	-0.274
Pitcher (NL)	5	-1.45	-0.290	Pitcher (NL)	0	0.000		Pitcher (NL)	5	-1.450	-0.290
SUV	1121	14.01	0.012	Rzepczynski	20	1.735	0.087	Rzepczynski	20	1.735	0.087
Error/PB/CI		10.30	24.11	Curtis	4	0.265	0.066	Curtis	4	0.265	0.066
				Zych	39	1.725	0.044	Zych	39	1.725	0.044
				Scribner	21	0.638	0.030	Scribner	21	0.638	0.030
				Marshall	3	0.050	0.017	Marshall	3	0.050	0.017
				Bergman	90	1.120	0.012	Bergman	90	1.120	0.012
				Iwakuma	47	0.557	0.012	Iwakuma	47	0.557	0.012
				Vincent	47	-0.285	-0.006	Vincent	47	-0.285	-0.006
				Diaz	53	-0.907	-0.017	Diaz	53	-0.907	-0.017
				Hernandez	52	-1.483	-0.029	Hernandez	52	-1.483	-0.029
				Cishek	17	-0.569	-0.033	Cishek	17	-0.569	-0.033
				Altavilla	42	-1.410	-0.034	Altavilla	42	-1.410	-0.034
				Lawrence	21	-0.765	-0.036	Lawrence	21	-0.765	-0.036
				Paxton	123	-5.905	-0.048	Paxton	123	-5.905	-0.048
				Cloyd	4	-0.210	-0.053	Cloyd	4	-0.210	-0.053
				Gaviglio	88	-4.845	-0.055	Gaviglio	88	-4.845	-0.055
				Miranda	143	-10.418	-0.073	Miranda	143	-10.418	-0.073
				Moore	27	-2.240	-0.083	Moore	27	-2.240	-0.083
				Gallardo	96	-9.178	-0.096	Gallardo	96	-9.178	-0.096
				Overton	64	-7.458	-0.117	Overton	64	-7.458	-0.117
				Pazos	34	-4.325	-0.127	Pazos	34	-4.325	-0.127
				De Jong	58	-9.287	-0.160	De Jong	58	-9.287	-0.160
				Whalen	27	-5.165	-0.191	Whalen	27	-5.165	-0.191
				Flen	11	-4.892	-0.445	Flen	11	-4.892	-0.445
				SUV	1950	-2.23	-0.001	SUV	3071	11.78	0.004
				Error/PB/CI		-8.030	5.890				

GAME 092 (Summary), JULY 15, SEATTLE-4 @ CHICAGO WHITE SOX-3

	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Heredia	Dyson	Ruiz	Hernandez	Cishek	Zych	Vincent	Diaz	Ops Sum		SUV Sum	
		SS (6)	LF (7)/RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	RF (9)	LF (7)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Game Ops	68	2	1	4	0	3	9	0	1	2	4	25	6	3	3	5	68	68	-1.330	
Game SUV	1.41	-0.358	0.080	0.830	0.000	0.408	0.735	0.000	0.115	0.420	-0.100	-1.780	0.080	0.245	0.325	0.410			2.740	1.41
Game SUV/Op	0.021	-0.179	0.080	0.208		0.136	0.082		0.115	0.210	-0.025	-0.071	0.013	0.082	0.108	0.082	Defensive SUV			
	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Heredia	Dyson	Ruiz	Hernandez	Cishek	Zych	Vincent	Diaz	Ops Sum		SUV Sum	
Cumulative Ops	2018	70	46	107	1	92	214	31	50	65	15	77	23	42	50	58	2018	2018	-9.360	
Cumulative SUV	-0.82	5.319	4.685	8.337	0.080	9.000	10.847	3.345	5.748	8.282	-0.715	-3.263	-0.489	1.970	0.040	-0.497			8.540	-0.82
Cumulative SUV/Op	0.000	0.076	0.102	0.078	0.080	0.098	0.051	0.108	0.115	0.127	-0.048	-0.042	-0.021	0.047	0.001	-0.009	Defensive SUV			
Offensive SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Heredia	Dyson	Ruiz									
Game Ops	34	4	4	4	4	4	4	3	1	3	3	0.62								
Game SUV	-1.03	-0.030	0.000	-0.670	0.910	0.210	-0.470	-0.380	-0.100	-1.010	0.510	-0.41								
Game SUV/Op	-0.030	-0.008	0.000	-0.168	0.228	0.053	-0.118	-0.127	-0.100	-0.337	0.170	-1.03								
Offensive SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Heredia	Dyson	Ruiz									
Cumulative Ops	1155	90	96	116	116	123	106	73	77	97	28	10.72								
Cumulative SUV	12.98	3.210	7.921	4.990	10.560	9.650	2.450	-2.350	-1.940	0.820	-4.360	23.70								
Cumulative SUV/Op	0.011	0.036	0.083	0.043	0.091	0.078	0.023	-0.032	-0.025	0.008	-0.156	12.98								
Combined SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Heredia	Dyson	Ruiz	Hernandez	Cishek	Zych	Vincent	Diaz				
Game Ops	102	6	5	8	4	7	13	3	2	5	7	25	6	3	3	5				
Game SUV	0.38	-0.388	0.080	0.160	0.910	0.618	0.265	-0.380	0.015	-0.590	0.410	-1.780	0.080	0.245	0.325	0.410				
Game SUV/Op	0.004	-0.065	0.016	0.020	0.228	0.088	0.020	-0.127	0.008	-0.118	0.059	-0.071	0.013	0.082	0.108	0.082				
Combined SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Heredia	Dyson	Ruiz	Hernandez	Cishek	Zych	Vincent	Diaz				
Cumulative Ops	3173	160	142	223	117	215	320	104	127	162	43	77	23	42	50	58				
Cumulative SUV	12.16	8.529	12.606	13.327	10.640	18.650	13.297	0.995	3.808	9.102	-5.075	-3.263	-0.489	1.970	0.040	-0.497				
Cumulative SUV/Op	0.004	0.053	0.089	0.060	0.091	0.087	0.042	0.010	0.030	0.056	-0.118	-0.042	-0.021	0.047	0.001	-0.009				

GAME 095, JULY 18, SEATTLE-2 @ HOUSTON-6

Play-by-Play	SUV	Segura	Gamel	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Heredia	Gaviglio	Pagan	Ops Sum		SUV Sum	
		SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	Play	Inning	Play	Inning
HBP	-0.39												1			-0.39
1B	-0.63												1			-0.63
6	0.59	0.295											2			0.59
BB	-0.68												1			-0.68
SF 8 (runner to 3B)	0.09							0.045					2			0.09
K	0.51												1	8		0.51 -0.51
HR	-1.00												1			-1.00
3-1	0.23						0.077						2			0.23
BB	-0.22												1			-0.22
DP 5-4-3	0.48			0.097		0.127	0.017						4	8		0.48 -0.51
1B	-0.39												1			-0.39
2B	-1.11												1			-1.11
7	0.61									0.305	0.305		2			0.61
DP 8-5 (runner out advancing to 3B, no run)	1.38					0.108		0.582			0.690		3	7	1.38	0.49
1B	-0.39												1			-0.39
K	0.40												1			0.40
E-1 (failed pickoff, runner to 2B)	-0.22												1			-0.22
2B (run scores)	-1.00												1			-1.00
5-3	0.37					0.123	0.062						3			0.37
2B (run scores)	-1.00												1			-1.00
2-5 (caught stealing)	0.33					0.055		0.110					3	11		0.33 -1.51
9	0.23		0.115										2			0.23
8	0.16							0.080					2			0.16
8	0.10							0.050					2	6		0.10 0.49
6	0.23	0.115											2			0.23
K	0.16												1			0.16
HR	-1.00												1			-1.00
7	0.10									0.050	0.050		2	6		0.10 -0.51
1B	-0.39												-0.390	1		-0.39
WP	-0.24												-0.240	1		-0.24
9	0.42		0.210										0.210	2		0.42
1B (run scores)	-0.78												-0.780	1		-0.78
2-5 (runner out advancing)	0.38						0.063	0.127					0.190	3		0.38
K	0.10												0.100	1	9	0.10 -0.51
K	0.23												0.230	1		0.23
9	0.16		0.080										0.080	2		0.16
K	0.10												0.100	1	4	0.10 0.49

	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Heredia	Gaviglio	Pagan	Ops Sum		SUV Sum	
		SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	C (2)	LF (7)	P (1)	P (1)	Play	Inning	Play	Inning
Game Ops	59	2	3	1	0	4	4	4	2	2	28	9	59	59	-0.220	
Game SUV	-2.08	0.410	0.405	0.097	0.000	0.413	0.218	0.757	0.237	0.355	-4.472	-0.500			-1.860	-2.08
Game SUV/Op	-0.035	0.205	0.135	0.097		0.103	0.055	0.189	0.118	0.178	-0.160	-0.056	Defensive SUV			
Cumulative Ops	2077	72	49	108	1	96	218	69	17	52	116	9	2077	2077	-9.580	
Cumulative SUV	-2.90	5.729	5.090	8.433	0.080	9.413	11.065	9.038	-0.478	6.103	-9.317	-0.500			6.680	-2.90
Cumulative SUV/Op	-0.001	0.080	0.104	0.078	0.080	0.098	0.051	0.131	-0.028	0.117	-0.080	-0.056	Defensive SUV			
Offensive SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Heredia						
Game Ops	34	4	4	4	4	4	4	4	3	3			0.84			
Game SUV	-3.25	-0.940	0.340	0.090	-1.000	0.010	-0.600	-0.270	-0.210	-0.670			-2.41			
Game SUV/Op	-0.096	-0.235	0.085	0.023	-0.250	0.002	-0.150	-0.068	-0.070	-0.223			-3.25			
Cumulative Ops	1189	94	100	120	120	127	110	101	31	80			11.56			
Cumulative SUV	9.73	2.270	8.261	5.080	9.560	9.660	1.850	0.550	-4.570	-2.610			21.29			
Cumulative SUV/Op	0.008	0.024	0.083	0.042	0.080	0.076	0.017	0.005	-0.147	-0.033			9.73			
Combined SUV	Team	Segura	Gamel	Cano	Cruz	Seager	Valencia	Dyson	Ruiz	Heredia	Gaviglio	Pagan				
Game Ops	93	6	7	5	4	8	8	8	5	5	28	9				
Game SUV	-5.33	-0.530	0.745	0.187	-1.000	0.423	-0.382	0.487	0.027	-0.315	-4.472	-0.500				
Game SUV/Op	-0.057	-0.088	0.106	0.037	-0.250	0.053	-0.048	0.061	0.005	-0.063	-0.160	-0.056				
Cumulative Ops	3266	166	149	228	121	223	328	170	48	132	116	9				
Cumulative SUV	6.83	7.999	13.351	13.513	9.640	19.073	12.915	9.588	-5.048	3.493	-9.317	-0.500				
Cumulative SUV/Op	0.002	0.048	0.090	0.059	0.080	0.086	0.039	0.056	-0.105	0.026	-0.080	-0.056				
DP 8-5	(1)	(8)	(5)	Sum	Cumu											
Contribution w/o runner at 3B		0.2950	0.0550	0.3500												
Contribution from runner at 3B		0.2866	0.0534	0.3400	0.6900											
(1) only	0.6900			0.6900	1.3800											
Sums	0.6900	0.5816	0.1084	1.3800												

GAME 098 (Summary), JULY 21, N.Y. YANKEES-5 @ SEATTLE-1

	Team	Segura	Valencia	Cano	Cruz	Seager	Haniger	Heredia	Dyson	Gamel	Zunino	Moore	Pagan	Ops Sum		SUV Sum	
		SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	RF (9)	CF (8)	CF (8)	LF (7)	C (2)	P (1)	P (1)	Play	Inning	Play	Inning
Cumulative Ops	2144	76	227	111	1	100	34	56	69	51	31	54	20	2144	2144	-9.580	
Cumulative SUV	-3.49	6.355	11.559	8.918	0.080	9.870	3.705	6.353	9.038	5.250	1.557	-5.937	-0.225			6.090	-3.49
Cumulative SUV/Op	-0.002	0.084	0.051	0.080	0.080	0.099	0.109	0.113	0.131	0.103	0.050	-0.110	-0.011	Defensive SUV			
Offensive SUV	Team	Segura	Valencia	Cano	Cruz	Seager	Haniger	Heredia	Dyson	Gamel	Zunino						
Game Ops	37	5	4	4	4	4	4	2	2	4	4			0.11			
Game SUV	-3.52	-1.070	-0.710	0.360	0.050	1.510	-0.400	-1.360	-0.770	0.460	-1.590			-3.41			
Game SUV/Op	-0.095	-0.214	-0.178	0.090	0.013	0.378	-0.100	-0.680	-0.385	0.115	-0.398			-3.52			
Cumulative Ops	1226	99	114	124	124	131	77	82	103	104	82			11.67			
Cumulative SUV	6.21	1.200	1.140	5.440	9.610	11.170	-2.750	-3.970	-0.220	8.721	-9.840			17.88			
Cumulative SUV/Op	0.005	0.012	0.010	0.044	0.078	0.085	-0.036	-0.048	-0.002	0.084	-0.120			6.21			
Combined SUV	Team	Segura	Valencia	Cano	Cruz	Seager	Haniger	Heredia	Dyson	Gamel	Zunino	Moore	Pagan				
Game Ops	104	9	13	7	4	8	7	6	2	6	4	27	11				
Game SUV	-4.11	-0.443	-0.217	0.845	0.050	1.967	-0.040	-1.110	-0.770	0.620	-1.590	-3.697	0.275				
Game SUV/Op	-0.040	-0.049	-0.017	0.121	0.013	0.246	-0.006	-0.185	-0.385	0.103	-0.398	-0.137	0.025				
Cumulative Ops	3370	175	341	235	125	231	111	138	172	155	113	54	20				
Cumulative SUV	2.72	7.555	12.699	14.358	9.690	21.040	0.955	2.383	8.818	13.971	-8.283	-5.937	-0.225				
Cumulative SUV/Op	0.001	0.043	0.037	0.061	0.078	0.091	0.009	0.017	0.051	0.090	-0.073	-0.110	-0.011				

GAME 101 (Summary), JULY 24, BOSTON-0 @ SEATTLE-4

	Team	Segura	Valencia	Cano	Cruz	Seager	Haniger	Gamel	Heredia	Zunino	Paxton	Vincent	Phelps	Ops Sum		SUV Sum	
		SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	RF (9)	LF (7)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play
Game Ops	54	4	9	2	0	3	3	0	1	0	26	3	3	54	54	-0.300	
Game SUV	4.41	0.513	0.002	0.287	0.000	0.187	0.280	0.000	0.050	0.000	2.472	0.245	0.375			4.710	4.41
Game SUV/Op	0.082	0.128	0.000	0.143		0.062	0.093		0.050		0.095	0.082	0.125	Defensive SUV			
	Team	Segura	Valencia	Cano	Cruz	Seager	Haniger	Gamel	Heredia	Zunino	Paxton	Vincent	Phelps	Ops Sum		SUV Sum	
		SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	RF (9)	LF (7)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play
Cumulative Ops	2198	80	236	113	1	103	37	51	57	31	149	53	3	2198	2198	-9.880	
Cumulative SUV	0.92	6.868	11.561	9.205	0.080	10.057	3.985	5.250	6.403	1.557	-3.433	0.285	0.375			10.800	0.92
Cumulative SUV/Op	0.000	0.086	0.049	0.081	0.080	0.098	0.108	0.103	0.112	0.050	-0.023	0.005	0.125	Defensive SUV			
Offensive SUV	Team	Segura	Valencia	Cano	Cruz	Seager	Haniger	Gamel	Heredia	Zunino							
Game Ops	33	4	4	4	4	4	4	3	3	3	0.00						
Game SUV	0.08	1.500	0.280	-1.210	-0.460	0.420	-0.650	0.840	0.140	-0.780	0.08						
Game SUV/Op	0.002	0.375	0.070	-0.303	-0.115	0.105	-0.163	0.280	0.047	-0.260	0.08						
Offensive SUV	Team	Segura	Valencia	Cano	Cruz	Seager	Haniger	Gamel	Heredia	Zunino							
Cumulative Ops	1259	103	118	128	128	135	81	107	85	85	11.67						
Cumulative SUV	6.29	2.700	1.420	4.230	9.150	11.590	-3.400	9.561	-3.830	-10.620	17.96						
Cumulative SUV/Op	0.005	0.026	0.012	0.033	0.071	0.086	-0.042	0.089	-0.045	-0.125	6.29						
Combined SUV	Team	Segura	Valencia	Cano	Cruz	Seager	Haniger	Gamel	Heredia	Zunino	Paxton	Vincent	Phelps				
Game Ops	87	8	13	6	4	7	7	3	4	3	26	3	3				
Game SUV	4.49	2.013	0.282	-0.923	-0.460	0.607	-0.370	0.840	0.190	-0.780	2.472	0.245	0.375				
Game SUV/Op	0.052	0.252	0.022	-0.154	-0.115	0.087	-0.053	0.280	0.048	-0.260	0.095	0.082	0.125				
Combined SUV	Team	Segura	Valencia	Cano	Cruz	Seager	Haniger	Gamel	Heredia	Zunino	Paxton	Vincent	Phelps				
Cumulative Ops	3457	183	354	241	129	238	118	158	142	116	149	53	3				
Cumulative SUV	7.21	9.568	12.981	13.435	9.230	21.647	0.585	14.811	2.573	-9.063	-3.433	0.285	0.375				
Cumulative SUV/Op	0.002	0.052	0.037	0.056	0.072	0.091	0.005	0.094	0.018	-0.078	-0.023	0.005	0.125				

GAME 104, JULY 28, N.Y. METS-7 @ SEATTLE-5

Play-by-Play	SUV	Segura	Gamel	Cano	Cruz	Seager	Valencia	Haniger	Dyson	Zunino	Miranda	Vincent	Rzepczynski	Phelps	Lawrence	Ops Sum		SUV Sum	
		SS (6)	LF (7)	2B (4)	DH (0)	3B (5)	1B (3)	RF (9)	CF (8)	C (2)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
K	0.23										0.230					1		0.23	
1B	-0.22										-0.220					1		-0.22	
K	0.26										0.260					1		0.26	
HR	-1.88										-1.880					1		-1.88	
K	0.10										0.100					1	5	0.10	-1.51
7	0.23		0.115								0.115					2		0.23	
K	0.16										0.160					1		0.16	
2B	-0.23										-0.230					1		-0.23	
K (2-3)	0.33					0.055				0.110	0.165					3	7	0.33	0.49
HR	-1.00										-1.000					1		-1.00	
1B	-0.39										-0.390					1		-0.39	
K	0.40										0.400					1		0.40	
WP + E-2 (runner to 3B)	-0.46									-0.240	-0.220					2		-0.46	
BB	-0.22										-0.220					1		-0.22	
SF 9	-0.06							-0.030			-0.030					2		-0.06	
K	0.22										0.220					1	9	0.22	-1.51
2-3	0.23					0.038				0.077	0.115					3		0.23	
E-3 (foul)	0.00					-0.080					0.080					2		0.00	
7	0.16		0.080								0.080					2		0.16	
K	0.10										0.100					1	8	0.10	0.49
3	0.23					0.115					0.115					2		0.23	
K	0.16										0.160					1		0.16	
8	0.10								0.050		0.050					2	5	0.10	0.49
6	0.23	0.115									0.115					2		0.23	
7	0.16		0.080								0.080					2		0.16	
K	0.10										0.100					1	5	0.10	0.49
K	0.23											0.230				1		0.23	
K	0.16										0.160					1		0.16	
7	0.10		0.050								0.050					2	4	0.10	0.49
HR	-1.00															1		-1.00	
1B	-0.39														-0.390	1		-0.39	
K	0.40													0.400		1		0.40	
1B	-0.44													-0.440		1		-0.44	
4-6 (runner to 3B)	0.41	0.068		0.137										0.205		3		0.41	
1B	-0.94													-0.940		1		-0.94	

CUMULATIVES THROUGH 36 GAMES

Offense	+Ops	+SUV	+Avg	Defense	+Ops	+SUV	+Avg	Combined	+Ops	+SUV	+Avg
Seager	144	12.73	0.088	Powell	5	0.700	0.140	Seager	248	22.820	0.092
Cruz	138	9.95	0.072	Dyson	70	9.088	0.130	Gamel	176	14.151	0.080
Gamel	117	8.09	0.069	Heredia	60	6.713	0.112	Cruz	139	10.030	0.072
Segura	113	2.19	0.019	Haniger	38	3.955	0.104	Dyson	177	9.218	0.052
Cano	138	2.27	0.016	Gamel	59	6.060	0.103	Segura	199	9.500	0.048
Motter	72	0.64	0.009	Seager	104	10.090	0.097	Cano	255	11.852	0.046
Valencia	126	1.09	0.009	Segura	86	7.310	0.085	Motter	151	6.452	0.043
Dyson	107	0.13	0.001	Cano	117	9.582	0.082	Valencia	375	12.766	0.034
Smith	11	-0.12	-0.011	Cruz	1	0.080	0.080	Smith	21	0.643	0.031
Haniger	85	-2.46	-0.029	Smith	10	0.763	0.076	Heredia	149	2.793	0.019
Heredia	89	-3.92	-0.044	Motter	79	5.812	0.074	Haniger	123	1.495	0.012
Powell	17	-0.77	-0.045	Martin, L.	11	0.635	0.058	Powell	22	-0.070	-0.003
Martin, L.	24	-2.20	-0.092	Vogelbach	9	0.502	0.056	Vogelbach	18	-0.378	-0.021
Vogelbach	9	-0.88	-0.098	Valencia	249	11.676	0.047	Martin, L.	35	-1.565	-0.045
Zunino	89	-9.39	-0.106	Zunino	34	1.503	0.044	Zunino	123	-7.887	-0.064
Ruiz	35	-4.12	-0.118	Ruiz	19	-0.218	-0.011	Ruiz	54	-4.338	-0.080
Freeman	13	-2.67	-0.205	Freeman	11	-1.518	-0.138	Freeman	24	-4.188	-0.175
Gosewisch	8	-2.19	-0.274	Gosewisch	0	0.000		Gosewisch	8	-2.190	-0.274
Pitcher (NL)	5	-1.45	-0.290	Pitcher (NL)	0	0.000		Pitcher (NL)	5	-1.450	-0.290
SUV	1340	6.92	0.005	Rzepczynski	24	1.702	0.071	Rzepczynski	24	1.702	0.071
Error/PB/CI		13.22	20.14	Curtis	4	0.265	0.066	Curtis	4	0.265	0.066
				Zych	42	1.970	0.047	Zych	42	1.970	0.047
				Scribner	21	0.638	0.030	Scribner	21	0.638	0.030
				Marshall	3	0.050	0.017	Marshall	3	0.050	0.017
				Vincent	56	0.725	0.013	Vincent	56	0.725	0.013
				Bergman	90	1.120	0.012	Bergman	90	1.120	0.012
				Iwakuma	47	0.557	0.012	Iwakuma	47	0.557	0.012
				Diaz	61	-0.087	-0.001	Diaz	61	-0.087	-0.001
				Pagan	20	-0.225	-0.011	Pagan	20	-0.225	-0.011
				Lawrence	24	-0.405	-0.017	Lawrence	24	-0.405	-0.017
				Cishek	23	-0.489	-0.021	Cishek	23	-0.489	-0.021
				Paxton	149	-3.433	-0.023	Paxton	149	-3.433	-0.023
				Altavilla	42	-1.410	-0.034	Altavilla	42	-1.410	-0.034
				Cloyd	4	-0.210	-0.053	Cloyd	4	-0.210	-0.053
				Phelps	16	-0.845	-0.053	Phelps	16	-0.845	-0.053
				Hernandez	105	-6.393	-0.061	Hernandez	105	-6.393	-0.061
				Miranda	169	-11.963	-0.071	Miranda	169	-11.963	-0.071
				Gaviglio	116	-9.317	-0.080	Gaviglio	116	-9.317	-0.080
				Gallardo	96	-9.178	-0.096	Gallardo	96	-9.178	-0.096
				Moore	54	-5.937	-0.110	Moore	54	-5.937	-0.110
				Overton	64	-7.458	-0.117	Overton	64	-7.458	-0.117
				Pazos	34	-4.325	-0.127	Pazos	34	-4.325	-0.127
				De Jong	58	-9.287	-0.160	De Jong	58	-9.287	-0.160
				Whalen	27	-5.165	-0.191	Whalen	27	-5.165	-0.191
				Flen	11	-4.892	-0.445	Flen	11	-4.892	-0.445
				SUV	2322	-1.26	-0.001	SUV	3662	8.66	0.002
				Error/PB/CI		-10.480	9.220				

GAME 110 (Summary), AUGUST 3, SEATTLE-4 @ KANSAS CITY-6

	Team	Gamel	Segura	Cano	Cruz	Seager	Valencia	Dyson	Heredia	Zunino	Martin, L	Gallardo	Rzepczynski	Pagan	Ops Sum		SUV Sum		
		RF (9)	SS (6)	2B (4)	DH (0)	3B (5)	1B (3)	CF (8)	LF (7)	C (2)	PH	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Cumulative Ops	2392	62	88	122	1	109	260	70	65	36	11	119	28	30	2392	2392	-11.125		
Cumulative SUV	-3.34	6.425	7.416	10.364	0.080	10.745	11.451	9.088	7.570	1.273	0.635	-11.058	1.652	-2.685			7.785	-3.34	
Cumulative SUV/Op	-0.001	0.104	0.084	0.085	0.080	0.099	0.044	0.130	0.116	0.035	0.058	-0.093	0.059	-0.090	Defensive SUV				
Offensive SUV	Team	Gamel	Segura	Cano	Cruz	Seager	Valencia	Dyson	Heredia	Zunino	Martin, L								
Game Ops	40	5	5	5	5	4	4	4	4	3	1	0.22							
Game SUV	-0.63	-1.000	-0.250	0.870	-0.440	-0.070	1.020	0.440	-0.149	-0.820	-0.230	-0.41							
Game SUV/Op	-0.016	-0.200	-0.050	0.174	-0.088	-0.018	0.255	0.110	-0.037	-0.273	-0.230	-0.63							
Offensive SUV	Team	Gamel	Segura	Cano	Cruz	Seager	Valencia	Dyson	Heredia	Zunino	Martin, L								
Cumulative Ops	1380	122	118	143	143	148	130	111	93	92	25	13.44							
Cumulative SUV	6.29	7.091	1.940	3.140	9.510	12.660	2.110	0.570	-4.069	-10.210	-2.430	19.73							
Cumulative SUV/Op	0.005	0.058	0.016	0.022	0.067	0.086	0.016	0.005	-0.044	-0.111	-0.097	6.29							
Combined SUV	Team	Gamel	Segura	Cano	Cruz	Seager	Valencia	Dyson	Heredia	Zunino	Martin, L	Gallardo	Rzepczynski	Pagan					
Game Ops	110	8	7	10	5	9	15	4	9	5	1	23	4	10					
Game SUV	-2.71	-0.635	-0.143	1.652	-0.440	0.585	0.795	0.440	0.708	-1.050	-0.230	-1.880	-0.050	-2.460					
Game SUV/Op	-0.025	-0.079	-0.020	0.165	-0.088	0.065	0.053	0.110	0.079	-0.210	-0.230	-0.082	-0.013	-0.246					
Combined SUV	Team	Gamel	Segura	Cano	Cruz	Seager	Valencia	Dyson	Heredia	Zunino	Martin, L	Gallardo	Rzepczynski	Pagan					
Cumulative Ops	3772	184	206	265	144	257	390	181	158	128	36	119	28	30					
Cumulative SUV	2.95	13.516	9.356	13.504	9.590	23.405	13.561	9.658	3.501	-8.937	-1.795	-11.058	1.652	-2.685					
Cumulative SUV/Op	0.001	0.073	0.045	0.051	0.067	0.091	0.035	0.053	0.022	-0.070	-0.050	-0.093	0.059	-0.090					

GAME 113, AUGUST 6, SEATTLE-1 @ KANSAS CITY-9

Play-by-Play	SUV	Dyson	Segura	Cano	Cruz	Seager	Ruiz	Martin, L	Heredia	Espinosa	Ramirez	Lawrence	Martin, C	Ops Sum		SUV Sum	
		CF (8)	SS (6)	2B (4)	DH (0)	3B (5)	C (2)	RF (9)	LF (7)	1B (3)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
8	0.23	0.115												2		0.23	
1B	-0.22													1		-0.22	
6-3 (runner to 2B)	0.15		0.050							0.025	0.075			3		0.15	
7	0.33						0.165				0.165			2	8	0.33	0.49
4-3	0.23			0.077						0.038	0.115			3		0.23	
6	0.16		0.080								0.080			2		0.16	
6	0.10		0.050								0.050			2	7	0.10	0.49
3	0.23									0.115	0.115			2		0.23	
6-3	0.16		0.053							0.027	0.080			3		0.16	
HR	-1.00										-1.000			1		-1.00	
1B	-0.12										-0.120			1		-0.12	
1B (runner to 3B)	-0.29										-0.290			1		-0.29	
HR	-2.59										-2.590			1		-2.59	
8	0.10	0.050									0.050			2	11	0.10	-3.51
4	0.23			0.115							0.115			2		0.23	
K	0.16										0.160			1		0.16	
K	0.10										0.100			1	4	0.10	0.49
5	0.23					0.115					0.115			2		0.23	
4-3	0.16			0.053						0.027	0.080			3		0.16	
2	0.10						0.050				0.050			2	7	0.10	0.49
HR	-1.00										-1.000			1		-1.00	
1B	-0.39										-0.390			1		-0.39	
1B	-0.63										-0.630			1		-0.63	
K	0.59											0.590		1		0.59	
5-4 (runner to 3B)	0.41					0.137				0.068		0.205		3		0.41	
SB (2B)	-0.11						-0.055					-0.055		2		-0.11	
K	0.62											0.620		1	10	0.62	-0.51
BB	-0.39												-0.390	1		-0.39	
1B	-0.63												-0.630	1		-0.63	
E-3 (run scores)	-1.00									-1.175			0.175	2		-1.00	
Double SB	-0.48						-0.240						-0.240	2		-0.48	
1B (2 runs score)	-0.89												-0.890	1		-0.89	
2B (run scores)	-1.24												-1.240	1		-1.24	
7	0.42								0.210					2		0.42	
BB	-0.22												-0.220	1		-0.22	
3	0.47									0.235				2		0.47	
8	0.45	0.225												2	15	0.45	-3.51

GAME 119 (Summary), AUGUST 13, L.A. ANGELS-4 @ SEATTLE-2

	Team	Segura	Alonso	Cano	Cruz	Seager	Dyson	Heredia	Martin, L	Ruiz	Gamel	Miranda	Pazos	Bergman	Ops Sum		SUV Sum	
		SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	CF (8)	LF (7)	RF (9)	C (2)	PH	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Game Ops	65	2	6	3	0	3	3	2	3	1	0	25	3	14	65	65	-0.505	
Game SUV	0.41	-0.472	0.393	0.487	0.000	0.522	0.305	0.315	0.390	0.130	0.000	-1.355	-1.805	1.500			0.915	0.41
Game SUV/Op	0.006	-0.236	0.066	0.162		0.174	0.102	0.158	0.130	0.130		-0.054	-0.602	0.107	Defensive SUV			
	Team	Segura	Alonso	Cano	Cruz	Seager	Dyson	Heredia	Martin, L	Ruiz	Gamel	Miranda	Pazos	Bergman	Ops Sum		SUV Sum	
		SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	CF (8)	LF (7)	RF (9)	C (2)	PH	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Cumulative Ops	2601	104	6	134	1	115	77	69	15	25	65	194	37	104	2601	2601	-12.805	
Cumulative SUV	-9.60	8.075	0.393	11.624	0.080	11.617	9.948	8.330	1.190	-0.255	6.810	-13.318	-6.130	2.620			3.205	-9.60
Cumulative SUV/Op	-0.004	0.078	0.066	0.087	0.080	0.101	0.129	0.121	0.079	-0.010	0.105	-0.069	-0.166	0.025	Defensive SUV			
Offensive SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Dyson	Heredia	Martin, L	Ruiz	Gamel							
Game Ops	35	4	4	4	4	4	4	4	4	2	1	0.00						
Game SUV	-2.41	-0.880	0.410	1.280	0.460	-1.480	0.960	-1.060	-1.270	-0.600	-0.230	-2.41						
Game SUV/Op	-0.069	-0.220	0.103	0.320	0.115	-0.370	0.240	-0.265	-0.318	-0.300	-0.230	-2.41						
Offensive SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Dyson	Heredia	Martin, L	Ruiz	Gamel							
Cumulative Ops	1482	130	5	155	155	160	122	104	32	41	127	13.44						
Cumulative SUV	-0.94	1.100	0.020	4.130	10.080	9.270	1.370	-5.079	-3.680	-5.370	5.801	12.50						
Cumulative SUV/Op	-0.001	0.008	0.004	0.027	0.065	0.058	0.011	-0.049	-0.115	-0.131	0.046	-0.94						
Combined SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Dyson	Heredia	Martin, L	Ruiz	Gamel	Miranda	Pazos	Bergman				
Game Ops	100	6	10	7	4	7	7	6	7	3	1	25	3	14				
Game SUV	-2.00	-1.352	0.803	1.767	0.460	-0.958	1.265	-0.745	-0.880	-0.470	-0.230	-1.355	-1.805	1.500				
Game SUV/Op	-0.020	-0.225	0.080	0.252	0.115	-0.137	0.181	-0.124	-0.126	-0.157	-0.230	-0.054	-0.602	0.107				
Combined SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Dyson	Heredia	Martin, L	Ruiz	Gamel	Miranda	Pazos	Bergman				
Cumulative Ops	4083	234	11	289	156	275	199	173	47	66	192	194	37	104				
Cumulative SUV	-10.54	9.175	0.413	15.754	10.160	20.887	11.318	3.251	-2.490	-5.625	12.611	-13.318	-6.130	2.620				
Cumulative SUV/Op	-0.003	0.039	0.038	0.055	0.065	0.076	0.057	0.019	-0.053	-0.085	0.066	-0.069	-0.166	0.025				

GAME 122, AUGUST 16, BALTIMORE-6 @ SEATTLE-7

Play-by-Play	SUV	Segura	Heredia	Dyson	Cano	Cruz	Alonso	Valencia	Espinosa	Gamel	Zunino	Martin, L	Gonzales	Zych	Pagan	Vincent	Diaz	Rzepczynski	Ops Sum		SUV Sum		
		SS (6)	CF (8)	CF (8)	2B (4)	DH (0)	1B (3)	3B (5)	3B (5)	LF (7)	C (2)	RF (9)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
HR	-1.00												-1.000							1		-1.00	
4	0.23				0.115								0.115							2		0.23	
1B	-0.22												-0.220							1		-0.22	
9	0.26											0.130	0.130							2		0.26	
6-4	0.22	0.073		0.037									0.110							3	9	0.22	-0.51
1B	-0.39												-0.390							1		-0.39	
DP 5-4-3	0.78			0.157		0.027	0.207						0.390							4		0.78	
6-3	0.10	0.033				0.017							0.050							3	8	0.10	0.49
5	0.23						0.115						0.115							2		0.23	
6-3	0.16	0.053				0.027							0.080							3		0.16	
6-3	0.10	0.033				0.017							0.050							3	8	0.10	0.49
6-3	0.23	0.077				0.038							0.115							3		0.23	
1B	-0.22												-0.220							1		-0.22	
DP 6-4-3	0.48	0.127		0.097		0.017							0.240							4	8	0.48	0.49
K	0.23												0.230							1		0.23	
1B	-0.22												-0.220							1		-0.22	
1B (runner to 3B)	-0.68												-0.680							1		-0.68	
NP (run + advance to 2B)	-0.54												-0.540							1		-0.54	
3B	-1.24												-1.240							1		-1.24	
1B	-0.54												-0.540							1		-0.54	
1B	-0.44												-0.440							1		-0.44	
6-4 (runner to 3B)	0.41	0.137		0.068										0.205						3		0.41	
5-4	0.51	0.170		0.085										0.255						3	13	0.51	-2.51
1B	-0.39												-0.390							1		-0.39	
6	0.40	0.200											0.200							2		0.40	
4-3 (runner to 2B)	0.15			0.050		0.025								0.075						3		0.15	
9	0.33											0.165	0.165							2	8	0.33	0.49
1B	-0.39												-0.390							1		-0.39	
7	0.40								0.200					0.200						2		0.40	
9	0.26										0.130			0.130						2		0.26	
4	0.22			0.110										0.110						2	7	0.22	0.49
3	0.23					0.115									0.115					2		0.23	
9	0.16											0.080								2		0.16	
2B	-0.23														-0.230					1		-0.23	
5	0.33								0.165						0.165					2	7	0.33	0.49
BB	-0.39																			1		-0.39	
BB	-0.63																			1		-0.63	

GAME 128 (Summary), AUGUST 23, SEATTLE-9 @ ATLANTA-6

	Team	Segura	Alonso	Cano	Motter	Valencia	Seager	Haniger	Zunino	Heredia	Gamel	Pieher (NL)	Cruz	Ramirez	Rzepczynski	Phelps	Vincent	Diaz	Ops Sum	SUV Sum		
		SS (6)	1B (3)	2B (4)	2B (4)	RF (9)	3B (5)	LF (7)/CF (8)	C (2)	CF (8)	LF (7)	PH	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	71	2	11	3	4	1	2	2	0	2	0	0	0	27	4	4	5	4	71	71	-0.480	
Game SUV	-1.59	0.067	0.633	0.197	0.167	-0.005	0.288	0.425	0.000	-0.170	0.000	0.000	-0.882	-0.670	-0.960	-1.395	0.715				-1.110	-1.59
Game SUV/Op	-0.022	0.033	0.058	0.066	0.042	-0.005	0.144	0.213		-0.085			-0.033	-0.168	-0.240	-0.279	0.179					
Defensive SUV																						
	Team	Segura	Alonso	Cano	Motter	Valencia	Seager	Haniger	Zunino	Heredia	Gamel	Pieher (NL)	Cruz	Ramirez	Rzepczynski	Phelps	Vincent	Diaz	Ops Sum	SUV Sum		
		SS (6)	1B (3)	2B (4)	2B (4)	RF (9)	3B (5)	LF (7)/CF (8)	C (2)	CF (8)	LF (7)	PH	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Cumulative Ops	2814	117	25	150	86	287	117	41	39	73	66	0	1	50	35	20	65	79	2814	2814	-13.285	
Cumulative SUV	-11.86	9.213	1.308	12.999	6.404	13.069	11.905	4.495	1.265	8.290	7.010	0.000	0.080	-5.657	1.852	-1.805	-0.540	-5.137			1.425	-11.86
Cumulative SUV/Op	-0.004	0.079	0.052	0.087	0.074	0.046	0.102	0.110	0.032	0.114	0.106		0.080	-0.113	0.053	-0.090	-0.008	-0.065				
Defensive SUV																						
	Team	Segura	Alonso	Cano	Motter	Valencia	Seager	Haniger	Zunino	Heredia	Gamel	Pieher (NL)	Cruz					Ops Sum	SUV Sum			
		SS (6)	1B (3)	2B (4)	2B (4)	RF (9)	3B (5)	LF (7)/CF (8)	C (2)	CF (8)	LF (7)	PH	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning		
Offensive SUV	47	6	6																			
Game Ops	47	6	6																			0.00
Game SUV	4.59	-0.710	0.370	1.340	1.200	-0.740	2.690	1.540	-1.180	0.420	-0.100	0.210	-0.450									4.59
Game SUV/Op	0.098	-0.118	0.062	0.670	0.400	-0.148	0.538	0.308	-0.236	0.105	-0.100	0.053	-0.450									4.59
	Team	Segura	Alonso	Cano	Motter	Valencia	Seager	Haniger	Zunino	Heredia	Gamel	Pieher (NL)	Cruz					Ops Sum	SUV Sum			
		SS (6)	1B (3)	2B (4)	2B (4)	RF (9)	3B (5)	LF (7)/CF (8)	C (2)	CF (8)	LF (7)	PH	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning		
Offensive SUV	1599	145	16	166	78	146	165	93	103	114	135	9	164									
Cumulative Ops	2.32	0.140	3.930	5.300	0.970	-0.420	11.960	-1.430	-12.410	-3.739	5.501	-1.240	9.400									13.44
Cumulative SUV/Op	0.001	0.001	0.246	0.032	0.012	-0.003	0.072	-0.015	-0.120	-0.033	0.041	-0.138	0.057									15.76
Defensive SUV																						
	Team	Segura	Alonso	Cano	Motter	Valencia	Seager	Haniger	Zunino	Heredia	Gamel	Pieher (NL)	Cruz	Ramirez	Rzepczynski	Phelps	Vincent	Diaz	Ops Sum	SUV Sum		
		SS (6)	1B (3)	2B (4)	2B (4)	RF (9)	3B (5)	LF (7)/CF (8)	C (2)	CF (8)	LF (7)	PH	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Combined SUV	118	8	17	5	7	6	7	7	5	6	1	4	1	27	4	4	5	4				
Game Ops	3.00	-0.643	1.003	1.537	1.367	-0.745	2.978	1.965	-1.180	0.250	-0.100	0.210	-0.450	-0.882	-0.670	-0.960	-1.395	0.715				
Game SUV/Op	0.025	-0.080	0.059	0.307	0.195	-0.124	0.425	0.281	-0.236	0.042	-0.100	0.053	-0.450	-0.033	-0.168	-0.240	-0.279	0.179				
	Team	Segura	Alonso	Cano	Motter	Valencia	Seager	Haniger	Zunino	Heredia	Gamel	Pieher (NL)	Cruz	Ramirez	Rzepczynski	Phelps	Vincent	Diaz	Ops Sum	SUV Sum		
		SS (6)	1B (3)	2B (4)	2B (4)	RF (9)	3B (5)	LF (7)/CF (8)	C (2)	CF (8)	LF (7)	PH	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Combined SUV	4413	262	41	316	164	433	282	134	142	187	201	9	165	50	35	20	65	79				
Cumulative Ops	-9.54	9.353	5.238	18.299	7.374	12.649	23.865	3.065	-11.145	4.551	12.511	-1.240	9.480	-5.657	1.852	-1.805	-0.540	-5.137				
Cumulative SUV/Op	-0.002	0.036	0.128	0.058	0.045	-0.029	0.085	0.023	-0.078	0.024	0.062	-0.138	0.057	-0.113	0.053	-0.090	-0.008	-0.065				

GAME 131, AUGUST 27, SEATTLE-1 @ N.Y. YANKEES-10

Play-by-Play	SUV	Segura	Alonso	Cano	Motter	Cruz	Seager	Haniger	Gamel	Valencia	Zunino	Heredia	Albers	Altavilla	Ops Sum	SUV Sum		
		SS (6)	1B (3)	2B (4)	2B (4)	DH (0)	3B (5)	RF (9)	LF (7)	PH	C (2)	CF (8)	P (1)	P (1)	Play	Inning	Play	Inning
6	0.23	0.115											0.115		2		0.23	
2B	-0.44												-0.440		1		-0.44	
1B (run scores, batter to 2B on E-7)	-1.00												-0.780		2		-1.00	
BB	-0.22												-0.220		1		-0.22	
E-6	-0.68	-0.915											0.235		2		-0.68	
E-5 (run scores)	-1.00												0.045		2		-1.00	
K	0.86												0.860		1		0.86	
2B (3 runs score, last on E-6 - batter to 3B)	-2.65	-0.770											-1.880		2		-2.65	
1B (run scores)	-0.83												-0.830		1		-0.83	
8	0.22												0.110	0.110	2	16	0.22	-5.51
1B	-0.39												-0.390		1		-0.39	
1B	-0.63												-0.630		1		-0.63	
K	0.59												0.590		1		0.59	
1-6 (runner to 3B)	0.41	0.068											0.342		2		0.41	
4-3	0.51		0.085	0.170									0.255		3	8	0.51	0.49
K	0.23												0.230		1		0.23	
4-3	0.16		0.027	0.053									0.080		3		0.16	
1B	-0.12												-0.120		1		-0.12	
1B	-0.23												-0.230		1		-0.23	
1B (run scores, runner to 3B)	-1.06												-1.060		1		-1.06	
6-4	0.51	0.170		0.085									0.255		3	10	0.51	-0.51
2B	-0.63												-0.630		1		-0.63	
1-3	0.42		0.070										0.350		2		0.42	
7	0.37												0.185		2		0.37	
8	0.33												0.165	0.165	2	7	0.33	0.49
K	0.23												0.230		1		0.23	
6-3	0.16	0.053	0.027										0.080		3		0.16	
6	0.10	0.050											0.050		2	6	0.10	0.49
1B	-0.39												-0.390		1		-0.39	
BB	-0.63												-0.630		1		-0.63	
WP	-0.48													-0.480	1		-0.48	
BB	-0.39												-0.390	1			-0.39	
K	0.78												0.780	1			0.78	
DP (SF 8 + runner out at 3B)	0.60						0.075						0.225		3	8	0.60	-0.51
BB	-0.39												-0.390	1			-0.39	
1B	-0.63												-0.630	1			-0.63	
1B	-0.87												-0.870	1			-0.87	

GAME 137 (Summary), SEPTEMBER 3, OAKLAND-2 @ SEATTLE-10

	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Heredia	Ruiz	Beckham	Albers	Pagan	Rzepczynski	Vincent	Simmons	Ops Sum		SUV Sum	
		SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	RF (9)	LF (7)	CF (8)	C (2)	PR	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Game Ops	52	2	2	0	0	2	6	0	6	1	0	20	5	2	2	4	52	52	0.000	
Game SUV	2.41	0.428	0.082	0.000	0.000	0.195	0.580	0.000	0.640	0.050	0.000	0.850	-0.450	-1.390	1.050	0.375			2.410	2.41
Game SUV/Op	0.046	0.214	0.041			0.098	0.097		0.107	0.050		0.043	-0.090	-0.695	0.525	0.094	Defensive SUV			
	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Heredia	Ruiz	Beckham	Albers	Pagan	Rzepczynski	Vincent	Simmons	Ops Sum		SUV Sum	
		SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	RF (9)	LF (7)	CF (8)	C (2)	PR	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Cumulative Ops	2999	126	37	156	1	124	50	71	83	28	0	50	43	38	71	4	2999	2999	-16.535	
Cumulative SUV	-19.61	8.413	1.815	13.489	0.080	10.992	5.605	7.355	9.545	-0.032	0.000	-3.203	-2.890	-0.428	1.255	0.375			-3.075	-19.61
Cumulative SUV/Op	-0.007	0.067	0.049	0.086	0.080	0.089	0.112	0.104	0.115	-0.001		-0.064	-0.067	-0.011	0.018	0.094	Defensive SUV			
Offensive SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Heredia	Ruiz	Beckham									
Game Ops	45	5	5	5	5	5	5	5	5	4	1	0.86								
Game SUV	5.22	0.760	0.720	2.750	0.780	-0.620	0.580	-1.590	0.190	2.100	-0.450	6.08								
Game SUV/Op	0.116	0.152	0.144	0.550	0.156	-0.124	0.116	-0.318	0.038	0.525	-0.450	5.22								
Offensive SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Heredia	Ruiz	Beckham									
Cumulative Ops	1717	155	28	178	177	178	106	147	126	47	1	15.14								
Cumulative SUV	5.88	0.490	5.640	7.370	11.180	8.990	1.060	3.041	-3.749	-4.210	-0.450	21.02								
Cumulative SUV/Op	0.003	0.003	0.201	0.041	0.063	0.051	0.010	0.021	-0.030	-0.090	-0.450	5.88								
Combined SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Heredia	Ruiz	Beckham	Albers	Pagan	Rzepczynski	Vincent	Simmons				
Game Ops	97	7	7	5	5	7	11	5	11	5	1	20	5	2	2	4				
Game SUV	7.63	1.188	0.802	2.750	0.780	-0.425	1.160	-1.590	0.830	2.150	-0.450	0.850	-0.450	-1.390	1.050	0.375				
Game SUV/Op	0.079	0.170	0.115	0.550	0.156	-0.061	0.105	-0.318	0.075	0.430	-0.450	0.043	-0.090	-0.695	0.525	0.094				
Combined SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Heredia	Ruiz	Beckham	Albers	Pagan	Rzepczynski	Vincent	Simmons				
Cumulative Ops	4716	281	65	334	178	302	156	218	209	75	1	50	43	38	71	4				
Cumulative SUV	-13.73	8.903	7.455	20.859	11.260	19.982	6.665	10.396	5.796	-4.242	-0.450	-3.203	-2.890	-0.428	1.255	0.375				
Cumulative SUV/Op	-0.003	0.032	0.115	0.062	0.063	0.066	0.043	0.048	0.028	-0.057	-0.450	-0.064	-0.067	-0.011	0.018	0.094				

GAME 140 (Summary), SEPTEMBER 6, HOUSTON-5 @ SEATTLE-3

Play-by-Play	SUV	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia	Moore	Rzepczynski	Vincent	Pagan	Diaz	Ops Sum		SUV Sum	
		SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	RF (9)	LF (7)	C (2)	CF (8)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
K	0.23										0.230					1		0.23	
2B	-0.44										-0.440					1		-0.44	
6-3	0.37	0.123	0.062								0.185					3		0.37	
BB	-0.12										-0.120					1		-0.12	
1-3	0.45		0.075								0.375					2	8	0.45	0.49
K	0.23										0.230					1		0.23	
7	0.16							0.080			0.080					2		0.16	
6-3	0.10	0.033	0.017								0.050					3	6	0.10	0.49
4-3	0.23		0.038	0.077							0.115					3		0.23	
8	0.16									0.080	0.080					2		0.16	
9	0.10						0.050				0.050					2	7	0.10	0.49
3	0.23		0.115								0.115					2		0.23	
1B	-0.22										-0.220					1		-0.22	
BB	-0.44										-0.440					1		-0.44	
2B (2 runs score)	-1.78										-1.780					1		-1.78	
6	0.37	0.185									0.185					2		0.37	
Pickoff (1-4-5-6)	0.33	0.055		0.037		0.037					0.202					4	11	0.33	-1.51
K	0.23										0.230					1		0.23	
7	0.16							0.080			0.080					2		0.16	
3	0.10		0.050								0.050					2	5	0.10	0.49
9	0.23						0.115				0.115					2		0.23	
7	0.16							0.080			0.080					2		0.16	
E-7	-0.12							-0.170			0.050					2		-0.12	
4-3	0.22		0.037	0.073							0.110					3	9	0.22	0.49
2B	-0.63											-0.630				1		-0.63	
6-3	0.42	0.140	0.070									0.210				3		0.42	
BB	-0.22											-0.220				1		-0.22	
K	0.47												0.470			1		0.47	
1B (run scores)	-1.00												-1.000			1		-1.00	
K	0.45												0.450			1	8	0.45	-0.51
9	0.23						0.115						0.115			2		0.23	
1B	-0.22												-0.220			1		-0.22	
8	0.26									0.130			0.130			2		0.26	
8	0.22									0.110			0.110			2	7	0.22	0.49
2B	-0.63														-0.630	1		-0.63	
6-3 (runner to 3B)	0.18	0.060	0.030										0.090			3		0.18	
HR	-1.32														-1.320	1		-1.32	
1B	-0.22													-0.220	1			-0.22	

5-3 (runner to 2B)	0.15		0.025			0.050										0.075	3		0.15		
9	0.33						0.165									0.165	2	11	0.33	-1.51	
Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia	Moore	Rzepczynski	Vincent	Pagan	Diaz	Ops Sum	SUV Sum					
	SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	RF (9)	LF (7)	C (2)	CF (8)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning			
Game Ops	72	6	10	3	0	2	4	4	0	3	24	3	3	4	6	72	72	-0.170			
Game SUV	-0.59	0.597	0.518	0.187	0.000	0.087	0.445	0.070	0.000	0.320	-0.388	-0.640	-0.080	0.135	-1.840			-0.420	-0.59		
Game SUV/Op	-0.008	0.099	0.052	0.062		0.043	0.111	0.018		0.107	-0.016	-0.213	-0.027	0.034	-0.307					Defensive SUV	
Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia	Moore	Rzepczynski	Vincent	Pagan	Diaz	Ops Sum	SUV Sum					
	SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	RF (9)	LF (7)	C (2)	CF (8)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning			
Cumulative Ops	3071	132	47	159	1	126	54	75	40	86	78	41	74	85	3071	3071	-16.705				
Cumulative SUV	-20.20	9.010	2.333	13.676	0.080	11.078	6.050	7.425	1.350	9.865	-6.325	-1.068	1.175	-2.755	-6.977			-3.495	-20.20		
Cumulative SUV/Op	-0.007	0.068	0.050	0.086	0.080	0.088	0.112	0.099	0.034	0.115	-0.081	-0.026	0.016	-0.059	-0.082					Defensive SUV	
Offensive SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia											
Game Ops	35	4	4	4	4	4	4	4	4	3										0.00	
Game SUV	-1.41	0.310	-0.970	0.780	-0.270	0.150	1.120	-1.680	-0.370	-0.480											-1.41
Game SUV/Op	-0.040	0.078	-0.243	0.195	-0.068	0.038	0.280	-0.420	-0.093	-0.160											-1.41
Offensive SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia											
Cumulative Ops	1752	159	32	182	181	182	110	151	114	129											15.14
Cumulative SUV	4.47	0.800	4.670	8.150	10.910	9.140	2.180	1.361	-11.690	-4.229											19.61
Cumulative SUV/Op	0.003	0.005	0.146	0.045	0.060	0.050	0.020	0.009	-0.103	-0.033											4.47
Combined SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia	Moore	Rzepczynski	Vincent	Pagan	Diaz						
Game Ops	107	10	14	7	4	6	8	8	4	6	24	3	3	4	6						
Game SUV	-2.00	0.907	-0.452	0.967	-0.270	0.237	1.565	-1.610	-0.370	-0.160	-0.388	-0.640	-0.080	0.135	-1.840						
Game SUV/Op	-0.019	0.091	-0.032	0.138	-0.068	0.039	0.196	-0.201	-0.093	-0.027	-0.016	-0.213	-0.027	0.034	-0.307						
Combined SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia	Moore	Rzepczynski	Vincent	Pagan	Diaz						
Cumulative Ops	4823	291	79	341	182	308	164	226	154	215	78	41	74	47	85						
Cumulative SUV	-15.73	9.810	7.003	21.826	10.990	20.218	8.230	8.786	-10.340	5.636	-6.325	-1.068	1.175	-2.755	-6.977						
Cumulative SUV/Op	-0.003	0.034	0.089	0.064	0.060	0.066	0.050	0.039	-0.067	0.026	-0.081	-0.026	0.016	-0.059	-0.082						

GAME 143 (Summary), SEPTEMBER 10, L.A. ANGELS-5 @ SEATTLE-3

Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia	Ramirez	Pagan	Vincent	Rzepczynski	Altavilla	Gallardo	Ops Sum	SUV Sum				
	SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	RF (9)	LF (7)	C (2)	CF (8)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning		
Game Ops	66	1	11	5	0	5	1	2	1	2	26	1	5	2	1	3	66	66	0.000		
Game SUV	-0.59	0.077	0.498	0.418	0.000	0.290	0.050	0.130	-0.055	0.270	0.162	0.050	-2.085	-0.830	0.110	0.325			-0.590	-0.59	
Game SUV/Op	-0.009	0.077	0.045	0.084		0.058	0.050	0.065	-0.055	0.135	0.006	0.050	-0.417	-0.415	0.110	0.108				Defensive SUV	
Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia	Ramirez	Pagan	Vincent	Rzepczynski	Altavilla	Gallardo	Ops Sum	SUV Sum				
	SS (6)	1B (3)	2B (4)	DH (0)	3B (5)	RF (9)	LF (7)	C (2)	CF (8)	P (1)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning		
Cumulative Ops	3137	133	58	164	1	131	55	77	41	88	76	48	79	43	58	149	3137	3137	-16.705		
Cumulative SUV	-20.79	9.086	2.832	14.094	0.080	11.368	6.100	7.555	1.295	10.135	-5.495	-2.705	-0.910	-1.898	-2.305	-12.298			-4.085	-20.79	
Cumulative SUV/Op	-0.007	0.068	0.049	0.086	0.080	0.087	0.111	0.098	0.032	0.115	-0.072	-0.056	-0.012	-0.044	-0.040	-0.083				Defensive SUV	
Offensive SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia											
Game Ops	34	4	4	4	4	4	4	4	3	3										0.00	
Game SUV	-1.41	0.160	-0.720	-0.650	-0.210	0.340	-1.090	0.410	0.450	-0.100											-1.41
Game SUV/Op	-0.041	0.040	-0.180	-0.163	-0.053	0.085	-0.273	0.103	0.150	-0.033											-1.41
Offensive SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia											
Cumulative Ops	1786	163	36	186	185	186	114	155	117	132											15.14
Cumulative SUV	3.06	0.960	3.950	7.500	10.700	9.480	1.090	1.771	-11.240	-4.329											18.20
Cumulative SUV/Op	0.002	0.006	0.110	0.040	0.058	0.051	0.010	0.011	-0.096	-0.033											3.06
Combined SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia	Ramirez	Pagan	Vincent	Rzepczynski	Altavilla	Gallardo					
Game Ops	100	5	15	9	4	9	5	6	4	5	26	1	5	2	1	3					
Game SUV	-2.00	0.237	-0.222	-0.232	-0.210	0.630	-1.040	0.540	0.395	0.170	0.162	0.050	-2.085	-0.830	0.110	0.325					
Game SUV/Op	-0.020	0.047	-0.015	-0.026	-0.053	0.070	-0.208	0.090	0.099	0.034	0.006	0.050	-0.417	-0.415	0.110	0.108					
Combined SUV	Team	Segura	Alonso	Cano	Cruz	Seager	Haniger	Gamel	Zunino	Heredia	Ramirez	Pagan	Vincent	Rzepczynski	Altavilla	Gallardo					
Cumulative Ops	4923	296	94	350	186	317	169	232	158	220	76	48	79	43	58	149					
Cumulative SUV	-17.73	10.046	6.782	21.594	10.780	20.848	7.190	9.326	-9.945	5.806	-5.495	-2.705	-0.910	-1.898	-2.305	-12.298					
Cumulative SUV/Op	-0.004	0.034	0.072	0.062	0.058	0.066	0.043	0.040	-0.063	0.026	-0.072	-0.056	-0.012	-0.044	-0.040	-0.083					

CUMULATIVES THROUGH 48 GAMES

Offense	+Ops	+SUV	+Avg	Defense	+Ops	+SUV	+Avg	Combined	+Ops	+SUV	+Avg
Espinosa	3	0.79	0.263	Powell	5	0.700	0.140	Alonso	94	6.782	0.072
Alonso	36	3.95	0.110	Dyson	77	9.648	0.129	Seager	317	20.848	0.066
Cruz	185	10.70	0.058	Heredia	88	10.135	0.115	Cano	350	21.594	0.062
Seager	186	9.48	0.051	Haniger	55	6.100	0.111	Cruz	186	10.780	0.058
Cano	186	7.50	0.040	Gamel	77	7.555	0.098	Dyson	201	10.658	0.053
Gamel	155	1.77	0.011	Martin, I.	20	1.925	0.096	Haniger	169	7.190	0.043
Haniger	114	1.09	0.010	Seager	131	11.368	0.087	Gamel	232	9.326	0.040
Segura	163	0.96	0.006	Cano	164	14.094	0.085	Motter	177	6.354	0.036
Dyson	124	0.71	0.006	Cruz	1	0.080	0.080	Segura	296	10.046	0.034
Valencia	149	-0.90	-0.006	Smith	10	0.763	0.076	Espinosa	13	0.400	0.031
Motter	84	-0.69	-0.008	Motter	93	7.044	0.076	Smith	21	0.643	0.031
Smith	11	-0.12	-0.011	Segura	133	9.086	0.068	Valencia	437	12.229	0.028
Heredia	132	-4.33	-0.033	Vogelbach	9	0.502	0.056	Heredia	220	5.806	0.026
Powell	17	-0.77	-0.045	Alonso	58	2.832	0.049	Powell	22	-0.070	-0.003
Ruiz	47	-4.21	-0.096	Valencia	288	13.129	0.046	Vogelbach	18	-0.378	-0.021
Zunino	117	-11.24	-0.096	Zunino	41	1.295	0.032	Martin, I.	57	-2.275	-0.040
Vogelbach	9	-0.88	-0.098	Ruiz	28	-0.032	-0.001	Ruiz	75	-4.242	-0.057
Martin, I.	37	-4.20	-0.114	Espinosa	10	-0.390	-0.039	Zunino	158	-9.945	-0.063
Pitcher (NL)	9	-1.24	-0.138	Freeman	11	-1.516	-0.138	Pitcher (NL)	9	-1.240	-0.138
Freeman	13	-2.67	-0.205	Pitcher (NL)	0	0.000		Freeman	24	-4.188	-0.175
Goewiack	8	-2.19	-0.274	Goewiack	0	0.000		Goewiack	8	-2.190	-0.274
Beckham	1	-0.45	-0.450	Beckham	0	0.000		Beckham	1	-0.450	-0.450
SUV	1786	3.06	0.002	Simmons	4	0.375	0.094	Simmons	4	0.375	0.094
Error/PB/CI		15.14	18.10	Curtis	4	0.265	0.066	Curtis	4	0.265	0.066
				Zych	50	2.255	0.045	Zych	50	2.255	0.045
				Lawrence	43	1.552	0.036	Lawrence	43	1.552	0.036
				Scribner	21	0.638	0.030	Scribner	21	0.638	0.030
				Bergman	108	2.385	0.022	Bergman	108	2.385	0.022
				Marshall	3	0.050	0.017	Marshall	3	0.05	0.017
				Iwakuma	47	0.557	0.012	Iwakuma	47	0.557	0.012
				Vincent	79	-0.910	-0.012	Vincent	79	-0.91	-0.012
				Cishek	23	-0.489	-0.021	Cishek	23	-0.49	-0.021
				Paxton	173	-4.723	-0.027	Paxton	173	-4.723	-0.027
				Altavilla	58	-2.305	-0.040	Altavilla	58	-2.305	-0.040
				Rzepczynski	43	-1.898	-0.044	Rzepczynski	43	-1.898	-0.044
				Clayd	4	-0.210	-0.053	Clayd	4	-0.210	-0.053
				Pagan	48	-2.705	-0.056	Pagan	48	-2.705	-0.056
				Hernandez	105	-6.393	-0.061	Hernandez	105	-6.393	-0.061
				Albers	50	-3.203	-0.064	Albers	50	-3.20	-0.064
				Ramirez	76	-5.495	-0.072	Ramirez	76	-5.50	-0.072
				Gaviglio	116	-9.317	-0.080	Gaviglio	116	-9.317	-0.080
				Moore	78	-6.325	-0.081	Moore	78	-6.325	-0.081
				Diaz	85	-6.977	-0.082	Diaz	85	-6.98	-0.082
				Gallardo	149	-12.298	-0.083	Gallardo	149	-12.298	-0.083
				Miranda	216	-17.833	-0.083	Miranda	216	-17.83	-0.083
				Phelps	23	-2.670	-0.116	Phelps	23	-2.670	-0.116
				Overton	64	-7.458	-0.117	Overton	64	-7.458	-0.117
				De Jong	58	-9.287	-0.160	De Jong	58	-9.287	-0.160
				Pazos	37	-6.130	-0.166	Pazos	37	-6.130	-0.166
				Gonzales	21	-3.865	-0.184	Gonzales	21	-3.865	-0.184
				Whalen	27	-5.165	-0.191	Whalen	27	-5.165	-0.191
				Martin, C	14	-2.935	-0.210	Martin, C	14	-2.94	-0.210
				Fien	11	-4.892	-0.445	Fien	11	-4.892	-0.445
				SUV	3137	-20.79	-0.007	SUV	4923	-17.73	-0.004
				Error/PB/CI		-36.705	-4.085				

GAME 146 (Summary), SEPTEMBER 13, SEATTLE-8 @ TEXAS-1

	Team	Segura	Haniger	Cano	Beckham	Cruz	Vogelbach	Seager	Valencia	Zunino	Heredia	Gamel	Leake	Pazos	Pagan	Rzepczynski	Diaz	Ops Sum		SUV Sum	
		SS (6)	RF (9)	2B (4)	2B (4)	DH (0)	PH	3B (5)	1B (3)	C (2)	CF (8)	LF (7)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Game Ops	56	3	2	0	1	0	0	1	12	1	2	0	24	2	2	3	3	56	56	-0.810	
Game SUV	3.41	0.317	0.265	0.000	0.157	0.000	0.000	0.063	0.062	0.127	0.275	0.000	0.970	0.455	0.180	0.050	0.490			4.220	3.41
Game SUV/Op	0.061	0.106	0.133		0.157			0.063	0.005	0.127	0.138		0.040	0.228	0.090	0.017	0.163	Defensive SUV			
	Team	Segura	Haniger	Cano	Beckham	Cruz	Vogelbach	Seager	Valencia	Zunino	Heredia	Gamel	Leake	Pazos	Pagan	Rzepczynski	Diaz	Ops Sum		SUV Sum	
		SS (6)	RF (9)	2B (4)	2B (4)	DH (0)	PH	3B (5)	1B (3)	C (2)	CF (8)	LF (7)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
Cumulative Ops	3195	136	57	164	1	1	9	132	300	42	90	77	24	39	50	47	88	3195	3195	-17.515	
Cumulative SUV	-17.38	9.403	6.365	14.094	0.157	0.080	0.502	11.432	13.191	1.422	10.410	7.555	0.970	-5.675	-2.525	-1.818	-6.487			21.929	4.41
Cumulative SUV/Op	0.001	0.069	0.112	0.086	0.157		0.056	0.087	0.044	0.034	0.116	0.098	0.040	-0.146	-0.051	-0.039	-0.074	Defensive SUV			
Offensive SUV	Team	Segura	Haniger	Cano	Beckham	Cruz	Vogelbach	Seager	Valencia	Zunino	Heredia	Gamel	Leake	Pazos	Pagan	Rzepczynski	Diaz				
Game Ops	42	5	5	4	1	4	1	5	5	4	4	4									
Game SUV	2.81	1.550	0.120	-0.580	-0.230	-0.400	-0.160	1.070	-0.170	2.830	-0.690	-0.530									
Game SUV/Op	0.067	0.310	0.024	-0.145	-0.230	-0.100	-0.160	0.214	-0.034	0.708	-0.173	-0.133									
Offensive SUV	Team	Segura	Haniger	Cano	Beckham	Cruz	Vogelbach	Seager	Valencia	Zunino	Heredia	Gamel	Leake	Pazos	Pagan	Rzepczynski	Diaz				
Cumulative Ops	1828	168	119	190	2	189	10	191	154	121	136	159									
Cumulative SUV	5.87	2.510	1.210	6.920	-0.680	10.300	-1.040	10.550	-1.070	-8.410	-5.019	1.241									
Cumulative SUV/Op	0.003	0.015	0.010	0.036	-0.340	0.054	-0.104	0.055	-0.007	-0.070	-0.037	0.008									
Combined SUV	Team	Segura	Haniger	Cano	Beckham	Cruz	Vogelbach	Seager	Valencia	Zunino	Heredia	Gamel	Leake	Pazos	Pagan	Rzepczynski	Diaz				
Game Ops	98	8	7	4	2	4	1	6	17	5	6	4	24	2	2	3	3				
Game SUV	6.22	1.867	0.385	-0.580	-0.073	-0.400	-0.160	1.133	-0.108	2.957	-0.415	-0.530	0.970	0.455	0.180	0.050	0.490				
Game SUV/Op	0.063	0.233	0.055	-0.145	-0.037	-0.100	-0.160	0.189	-0.006	0.591	-0.069	-0.133	0.040	0.228	0.090	0.017	0.163				
Combined SUV	Team	Segura	Haniger	Cano	Beckham	Cruz	Vogelbach	Seager	Valencia	Zunino	Heredia	Gamel	Leake	Pazos	Pagan	Rzepczynski	Diaz				
Cumulative Ops	5023	304	176	354	3	190	19	323	454	163	226	236	24	39	50	47	88				
Cumulative SUV	-11.51	11.913	7.575	21.014	-0.523	10.380	-0.538	21.982	12.121	-6.988	5.391	8.796	0.970	-5.675	-2.525	-1.818	-6.487				
Cumulative SUV/Op	-0.002	0.039	0.043	0.059	-0.174	0.055	-0.028	0.068	0.027	-0.043	0.024	0.037	0.040	-0.146	-0.051	-0.039	-0.074				

GAME 149, SEPTEMBER 16, SEATTLE-6 @ HOUSTON-8

Play-by-Play	SUV	Segura	Haniger	Cano	Cruz	Seager	Valencia	Alonso	Zunino	Heredia	Gamel	Ruiz	Vogelbach	Mottler	Hannemann	Ramirez	Simmons	Miranda	Vincent	Garton	Ops Sum		SUV Sum	
		SS (6)	RF (9)	2B (4)	DH (0)	3B (5)	1B (3)	1B (3)	C (2)	CF (8)	LF (7)	C (2)	1B (3)	LF (7)	CF (8)	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning
K	0.23															0.230					1		0.23	
BB	-0.22															-0.220					1		-0.22	
K	0.26															0.260					1		0.26	
5-3	0.22				0.073	0.037										0.110					3	6	0.22	0.49
1B	-0.39															-0.390					1		-0.39	
BB	-0.63															-0.630					1		-0.63	
K	0.59															0.590					1		0.59	
8	0.47									0.235						0.235					2		0.47	
2B	-1.17															-1.170					1		-1.17	
1B (2 runs score)	-1.60															-1.600					1		-1.60	
2B (run scores)	-1.11															-1.110					1		-1.11	
BB	-0.12															-0.120					1		-0.12	
K	0.45															0.450					1	10	0.45	-3.51
4-3	0.23			0.077		0.038										0.115					3		0.23	
7	0.16													0.080		0.080					2		0.16	
9	0.10		0.050													0.050					2	7	0.10	0.49
K	0.23															0.230					1		0.23	
8	0.16									0.080						0.080					2		0.16	
2B	-0.23															-0.230					1		-0.23	
9	0.33		0.165													0.165					2	6	0.33	0.49
1B	-0.39															-0.390					1		-0.39	
1B	-0.63															-0.630					1		-0.63	
1B (run scores - runner to 3B)	-1.24															-1.240					1		-1.24	
DP 6-4-3 (run scores)	0.65	0.163		0.135		0.027											0.325				4		0.65	
9	0.10		0.050														0.050				2	9	0.10	-1.51
8	0.23									0.115								0.115			2		0.23	
5-3	0.16				0.053	0.027												0.080			3		0.16	
E-6	-0.12	-0.170														0.050					2		-0.12	
K	0.22																0.220				1	8	0.22	0.49
1B	-0.39																		-0.390		1		-0.39	
8	0.40									0.200						0.200					2		0.40	
2B (run scores)	-1.22																		-1.220		1		-1.22	
7	0.37												0.185						0.185		2		0.37	
9	0.33		0.165															0.165			2	8	0.33	-0.51
6	0.23	0.115																		0.115	2		0.23	

GAME 155 (Summary), SEPTEMBER 23, CLEVELAND-11 @ SEATTLE-4

Team	Segura	Motter	Haniger	Cano	Cruz	Seager	Alonso	Beckham	Gamel	Valencia	Zunino	Heredia	Vogelbach	Moore	Gonzales	Altavilla	Garton	Miranda	Ops Sum		SUV Sum		
	SS (6)	SS (6)	RF (9)/LF (7)	2B (4)	DH (0)	3B (5)	1B (3)	PH	LF (7)	RF (9)/1B (3)	C (2)	CF (8)	PH	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	71	2	1	4	3	0	2	8	0	1	2	1	2	0	17	10	5	5	8	71	71	-1.460	
Game SUV	-6.59	0.168	0.058	0.260	-0.173	0.000	0.183	-0.565	0.000	0.115	-0.055	-0.220	0.190	0.000	-1.252	0.540	-0.835	-0.240	-4.765			-5.130	-6.59
Game SUV/Op	-0.093	0.084	0.058	0.065	-0.058		0.092	-0.071		0.115	-0.028	-0.220	0.095		-0.074	0.054	-0.167	-0.048	-0.596				
Defensive SUV																							
Team	Segura	Motter	Haniger	Cano	Cruz	Seager	Alonso	Beckham	Gamel	Valencia	Zunino	Heredia	Vogelbach	Moore	Gonzales	Altavilla	Garton	Miranda	Ops Sum		SUV Sum		
	SS (6)	SS (6)	RF (9)/LF (7)	2B (4)	DH (0)	3B (5)	1B (3)	PH	LF (7)	RF (9)/1B (3)	C (2)	CF (8)	PH	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Cumulative Ops	3390	143	96	68	172	1	140	72	1	81	306	43	97	10	95	31	63	10	228	3390	3390	-20.280	
Cumulative SUV	-31.64	9.886	7.368	7.100	14.252	0.080	11.200	2.442	0.157	7.910	13.264	1.202	11.220	0.538	-7.577	-3.325	-3.140	-1.057	-22.133			10.434	-9.85
Cumulative SUV/Op	-0.003	0.069	0.077	0.104	0.083	0.080	0.080	0.034	0.157	0.098	0.043	0.028	0.116	0.054	-0.080	-0.107	-0.050	-0.106	-0.097				
Defensive SUV																							
Team	Segura	Motter	Haniger	Cano	Cruz	Seager	Alonso	Beckham	Gamel	Valencia	Zunino	Heredia	Vogelbach	Moore	Gonzales	Altavilla	Garton	Miranda	Ops Sum		SUV Sum		
	SS (6)	SS (6)	RF (9)/LF (7)	2B (4)	DH (0)	3B (5)	1B (3)	PH	LF (7)	RF (9)/1B (3)	C (2)	CF (8)	PH	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	40	4	1	5	5	5	4	3	1	2	2	4	3	1									
Game SUV	-0.41	-0.500	0.760	-0.880	-0.150	0.440	1.600	-0.790	-0.400	0.300	-0.360	0.450	-1.750	0.870									
Game SUV/Op	-0.010	-0.125	0.760	-0.176	-0.030	0.088	0.400	-0.263	-0.400	0.150	-0.180	0.113	-0.583	0.870									
Defensive SUV																							
Team	Segura	Motter	Haniger	Cano	Cruz	Seager	Alonso	Beckham	Gamel	Valencia	Zunino	Heredia	Vogelbach	Moore	Gonzales	Altavilla	Garton	Miranda	Ops Sum		SUV Sum		
	SS (6)	SS (6)	RF (9)/LF (7)	2B (4)	DH (0)	3B (5)	1B (3)	PH	LF (7)	RF (9)/1B (3)	C (2)	CF (8)	PH	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Cumulative Ops	1949	182	87	134	205	203	204	44	3	166	159	130	145	11									
Cumulative SUV	8.14	3.230	-2.010	1.890	9.240	12.170	13.120	1.260	-1.080	2.011	-1.730	-8.670	-7.269	-0.170									
Cumulative SUV/Op	0.004	0.018	-0.023	0.014	0.045	0.060	0.064	0.029	-0.360	0.012	-0.011	-0.067	-0.050	-0.015									
Defensive SUV																							
Team	Segura	Motter	Haniger	Cano	Cruz	Seager	Alonso	Beckham	Gamel	Valencia	Zunino	Heredia	Vogelbach	Moore	Gonzales	Altavilla	Garton	Miranda	Ops Sum		SUV Sum		
	SS (6)	SS (6)	RF (9)/LF (7)	2B (4)	DH (0)	3B (5)	1B (3)	PH	LF (7)	RF (9)/1B (3)	C (2)	CF (8)	PH	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Game Ops	111	6	2	9	8	5	6	11	1	3	4	5	5	1	17	10	5	5	8				
Game SUV	-7.00	-0.332	0.818	-0.620	-0.323	0.440	1.783	-1.355	-0.400	0.415	-0.415	0.230	-1.560	0.870	-1.252	0.540	-0.835	-0.240	-4.765				
Game SUV/Op	-0.063	-0.055	0.409	-0.069	-0.040	0.088	0.297	-0.123	-0.400	0.138	-0.104	0.046	-0.312	0.870	-0.074	0.054	-0.167	-0.048	-0.596				
Defensive SUV																							
Team	Segura	Motter	Haniger	Cano	Cruz	Seager	Alonso	Beckham	Gamel	Valencia	Zunino	Heredia	Vogelbach	Moore	Gonzales	Altavilla	Garton	Miranda	Ops Sum		SUV Sum		
	SS (6)	SS (6)	RF (9)/LF (7)	2B (4)	DH (0)	3B (5)	1B (3)	PH	LF (7)	RF (9)/1B (3)	C (2)	CF (8)	PH	P (1)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
Cumulative Ops	5339	325	183	202	377	204	344	116	4	247	465	173	242	21	95	31	63	10	228				
Cumulative SUV	-23.50	13.116	5.358	8.990	23.492	12.250	24.320	3.702	-0.923	9.921	11.534	-7.468	3.951	0.368	-7.577	-3.325	-3.140	-1.057	-22.133				
Cumulative SUV/Op	-0.004	0.040	0.029	0.045	0.062	0.060	0.071	0.032	-0.231	0.040	0.025	-0.043	0.016	0.018	-0.080	-0.107	-0.050	-0.106	-0.097				
Defensive SUV																							

GAME 158, SEPTEMBER 26, SEATTLE-6 @ OAKLAND-3

Play-by-Play	SUV	Gamel	Haniger	Cano	Cruz	Alonso	Zunino	Valencia	Hannemann	Beckham	Motter	Paxton	Pagan	Vincent	Diaz	Ops Sum		SUV Sum		
		LF (7)	CF (8)/RF (9)	2B (4)	DH (0)	1B (3)	C (2)	RF (9)	CF (8)	3B (5)	SS (6)	P (1)	P (1)	P (1)	P (1)	Play	Inning	Play	Inning	
HR	-1.00											-1.000				1			-1.00	
K	0.23											0.230				1			0.23	
8	0.16		0.080									0.080				2			0.16	
7	0.10	0.050										0.050				2	6		0.10	-0.51
1B	-0.39											-0.390				1			-0.39	
2	0.40							0.200				0.200				2			0.40	
K	0.26											0.260				1			0.26	
6	0.22										0.110	0.110				2	6		0.22	0.49
K	0.23											0.230				1			0.23	
7	0.16	0.080										0.080				2			0.16	
K	0.10											0.100				1	4		0.10	0.49
5-3	0.23					0.038				0.077		0.115				3			0.23	
6-3	0.16					0.027					0.053	0.080				3			0.16	
1B	-0.12											-0.120				1			-0.12	
K	0.22											0.220				1	8		0.22	0.49
6	0.23										0.115	0.115				2			0.23	
3	0.16					0.080						0.080				2			0.16	
1B	-0.12											-0.120				1			-0.12	
6-4	0.22			0.037							0.073	0.110				3	8		0.22	0.49
5-3	0.23					0.038				0.077		0.115				3			0.23	
1B	-0.22											-0.220				1			-0.22	
HR	-1.78											-1.780				1			-1.78	
6-3	0.16					0.027					0.053		0.080			3			0.16	
K	0.10												0.100			1	9		0.10	-1.51
1B	-0.39											-0.390				1			-0.39	
DP 3-4 (runner out at 2B on foul out)	0.78			0.063		0.327						0.390				3			0.78	
5	0.10										0.050		0.050			2	6		0.10	0.49
8	0.23							0.115								2			0.23	
1B	-0.22															1			-0.22	
1B	-0.44															1			-0.44	
7	0.47	0.235														2			0.47	
8	0.45							0.225								2	8		0.45	0.49

CUMULATIVES THROUGH 54 GAMES

Offense	+Ops	+SUV	+Avg	Defense	+Ops	+SUV	+Avg	Combined	+Ops	+SUV	+Avg
Epitassa	5	0.74	0.263	Powell	5	0.700	0.140	Seager	351	25.575	0.073
Alonso	52	-4.03	-0.078	Dyson	77	9.948	0.129	Cruz	213	13.110	0.062
Seager	208	14.06	0.068	Heredia	97	11.220	0.116	Cano	390	23.022	0.059
Cruz	212	13.03	0.061	Hanneman	6	0.680	0.113	Alonso	136	7.222	0.053
Cano	214	8.17	-0.038	Haniger	75	7.880	0.108	Dyson	201	10.658	0.053
Segara	182	3.23	-0.018	Gamal	84	8.275	0.099	Haniger	217	9.080	0.042
Gamal	176	3.56	0.015	Martin, L	20	1.925	0.096	Gamal	260	10.836	0.042
Haniger	144	1.20	0.008	Beckham	7	0.620	0.089	Segara	325	13.156	0.040
Dyson	124	0.71	0.006	Cano	176	14.852	0.084	Epitassa	13	0.400	0.031
Valencia	162	0.59	-0.004	Seager	143	-11.515	0.081	Smith	21	0.643	0.031
Smith	11	-0.12	-0.011	Cruz	1	0.080	0.080	Valencia	468	13.834	0.030
Vogelbach	11	-0.17	-0.015	Metter	101	7.773	0.077	Hanneman	13	0.330	0.025
Metter	91	-2.98	-0.033	Smith	10	0.363	0.076	Metter	192	4.793	0.025
Powell	17	-0.77	-0.045	Segara	143	9.888	0.069	Vogelbach	21	0.368	0.018
Hanneman	7	-0.35	-0.050	Vogelbach	10	0.538	0.054	Heredia	282	3.951	0.018
Heredia	145	-7.27	-0.050	Valencia	306	13.264	0.043	Powell	22	-0.070	-0.003
Zunino	134	-8.16	-0.061	Alonso	84	3.192	0.038	Zunino	178	-6.758	-0.038
Rule	56	-4.57	-0.082	Zunino	44	1.402	0.032	Martin, L	57	-2.275	-0.040
Martin, L	37	-4.20	-0.114	Rule	30	-0.062	-0.002	Rule	86	-6.632	-0.054
Pficher (NL)	9	-1.24	-0.138	Epitassa	10	-0.390	-0.039	Beckham	18	-1.340	-0.097
Freeman	13	-2.67	-0.205	Freeman	11	-1.818	-0.138	Pficher (NL)	9	-1.240	-0.138
Beckham	11	-2.36	-0.215	Pficher (NL)	0	0.000		Freeman	24	-4.188	-0.175
Genewich	8	-2.18	-0.274	Genewich	0	0.000		Genewich	8	-2.180	-0.274
SUV	2027	11.32	0.006	Simmons	9	1.240	0.138	Simmons	9	1.24	0.138
Error/PBCL		16.42	27.74	Cartis	4	0.265	0.066	Cartis	4	0.265	0.066
				Lawrence	56	2.567	0.046	Lawrence	56	2.567	0.046
				Zych	50	2.255	0.045	Zych	50	2.255	0.045
				Leake	24	0.970	0.040	Leake	24	0.970	0.040
				Scribner	21	0.638	0.030	Scribner	21	0.64	0.030
				Bergman	108	2.385	0.022	Bergman	108	2.385	0.022
				Marshall	3	0.050	0.017	Marshall	3	0.050	0.017
				Iwakuma	47	0.557	0.012	Iwakuma	47	0.557	0.012
				Cishek	23	-0.489	-0.021	Cishek	23	-0.489	-0.021
				Vincent	89	-2.055	-0.023	Vincent	89	-2.055	-0.023
				Fanton	195	-6.178	-0.032	Fanton	195	-6.178	-0.032
				Fagan	59	-2.370	-0.040	Fagan	59	-2.37	-0.040
				Rzecznycki	47	-2.138	-0.045	Rzecznycki	47	-2.138	-0.045
				Cloyd	4	-0.210	-0.053	Cloyd	4	-0.210	-0.053
				Diaz	99	-6.213	-0.053	Diaz	99	-6.22	-0.053
				Altavilla	71	-4.315	-0.061	Altavilla	71	-4.315	-0.061
				Hernandez	121	-8.388	-0.069	Hernandez	121	-8.388	-0.069
				Moore	95	-7.573	-0.080	Moore	95	-7.573	-0.080
				Gaviglio	116	-9.317	-0.080	Gaviglio	116	-9.317	-0.080
				Gallardo	149	-12.288	-0.083	Gallardo	149	-12.30	-0.083
				Albers	81	-7.512	-0.093	Albers	81	-7.51	-0.093
				Miranda	228	-22.133	-0.097	Miranda	228	-22.13	-0.097
				Garton	10	-1.087	-0.108	Garton	10	-1.087	-0.108
				Genzales	31	-3.325	-0.107	Genzales	31	-3.325	-0.107
				Ramirez	99	-10.630	-0.107	Ramirez	99	-10.630	-0.107
				Phelps	23	-2.670	-0.116	Phelps	23	-2.670	-0.116
				Overton	64	-7.458	-0.117	Overton	64	-7.458	-0.117
				Fazio	39	-5.675	-0.146	Fazio	39	-5.675	-0.146
				De Jung	58	-9.287	-0.160	De Jung	58	-9.287	-0.160
				Whalen	27	-5.165	-0.191	Whalen	27	-5.165	-0.191
				Martin, C	14	-2.935	-0.210	Martin, C	14	-2.94	-0.210
				Flem	11	-4.882	-0.445	Flem	11	-4.882	-0.445
				SUV	3513	-29.82	-0.008	SUV	5580	-18.58	-0.003
				Error/PBCL		-20.76	-9.540				

AS ABOVE, BUT RANKED BY MOST OPPORTUNITIES

Offense	#Ops	#SUV	#Avg	Defense	#Ops	#SUV	#Avg	Combined	#Ops	#SUV	#Avg
Epinosa	3	0.79	0.263	Valencia	306	13.264	0.043	Seager	351	25.575	0.073
Alonso	52	4.03	0.078	Cano	176	14.852	0.084	Cruz	213	13.110	0.062
Seager	208	14.06	0.068	Seager	143	11.515	0.081	Cano	390	23.022	0.059
Cruz	212	13.03	0.061	Segura	143	9.886	0.069	Alonso	136	7.222	0.053
Cano	214	8.37	0.038	Motter	101	7.773	0.077	Dyson	201	10.658	0.053
Segura	182	3.23	0.018	Heredia	97	11.220	0.116	Haniger	217	9.080	0.042
Gamel	176	2.56	0.015	Gamel	84	8.275	0.099	Gamel	260	10.836	0.042
Haniger	144	1.20	0.009	Alonso	84	3.192	0.038	Segura	325	13.116	0.040
Dyson	124	0.71	0.004	Dyson	77	9.948	0.129	Epinosa	13	0.400	0.031
Valencia	162	0.59	0.004	Haniger	73	7.880	0.108	Smith	21	0.643	0.031
Smith	11	-0.12	-0.011	Zunino	44	1.402	0.032	Valencia	468	13.854	0.030
Vogelbach	11	-0.17	-0.015	Ruiz	30	-0.062	-0.002	Hanneman	13	0.330	0.025
Motter	91	-2.98	-0.033	Martin, I.	20	1.925	0.096	Motter	192	4.793	0.025
Powell	17	-0.77	-0.045	Freeman	11	-1.518	-0.138	Vogelbach	21	0.368	0.018
Hanneman	7	-0.35	-0.050	Smith	10	0.763	0.076	Heredia	242	3.951	0.016
Heredia	145	-7.27	-0.050	Vogelbach	10	0.538	0.054	Powell	22	-0.070	-0.003
Zunino	134	-8.16	-0.061	Epinosa	10	-0.390	-0.039	Zunino	178	-6.758	-0.038
Ruiz	56	-4.57	-0.082	Beckham	7	0.620	0.089	Martin, I.	57	-2.275	-0.040
Martin, I.	37	-4.20	-0.114	Hanneman	6	0.680	0.113	Ruiz	86	-4.632	-0.054
Pitcher (NL)	9	-1.24	-0.138	Powell	5	0.700	0.140	Beckham	18	-1.740	-0.097
Freeman	13	-2.67	-0.205	Cruz	1	0.080	0.080	Pitcher (NL)	9	-1.240	-0.138
Beckham	11	-2.36	-0.215	Pitcher (NL)	0	0.000		Freeman	24	-4.188	-0.175
Gonewich	8	-2.19	-0.274	Gonewich	0	0.000		Gonewich	8	-2.190	-0.274
SUV	2027	11.32	0.006	Miranda	228	-22.133	-0.097	Simmons	9	1.24	0.138
Error/PB/CI		16.42	27.74	Paxton	195	-6.178	-0.032	Curtis	4	0.265	0.066
				Gallardo	149	-12.298	-0.083	Lawrence	56	2.567	0.046
				Hernandez	121	-8.388	-0.069	Zych	50	2.255	0.045
				Gaviglio	116	-9.317	-0.080	Lenke	24	0.970	0.040
				Bergman	108	2.385	0.022	Scribner	21	0.64	0.030
				Diaz	99	-5.217	-0.053	Bergman	108	2.385	0.022
				Ramirez	99	-10.630	-0.107	Marshall	3	0.050	0.017
				Moore	95	-7.577	-0.080	Iwakuma	47	0.557	0.012
				Vincent	89	-2.055	-0.023	Cishek	23	-0.489	-0.021
				Albers	81	-7.512	-0.093	Vincent	89	-2.055	-0.023
				Altavilla	71	-4.315	-0.061	Paxton	195	-6.178	-0.032
				Overton	64	-7.458	-0.117	Pagan	59	-2.37	-0.040
				Pagan	59	-2.370	-0.040	Ropeczynski	47	-2.138	-0.045
				De Jong	58	-9.287	-0.160	Cloyd	4	-0.210	-0.053
				Lawrence	56	2.567	0.046	Diaz	99	-5.22	-0.053
				Zych	50	2.255	0.045	Altavilla	71	-4.315	-0.061
				Iwakuma	47	0.557	0.012	Hernandez	121	-8.388	-0.069
				Ropeczynski	47	-2.138	-0.045	Moore	95	-7.577	-0.080
				Pazos	39	-5.675	-0.146	Gaviglio	116	-9.317	-0.080
				Gonzales	31	-3.325	-0.107	Gallardo	149	-12.30	-0.083
				Whalen	27	-5.165	-0.191	Albers	81	-7.51	-0.093
				Lenke	24	0.970	0.040	Miranda	228	-22.13	-0.097
				Cishek	23	-0.489	-0.021	Garten	10	-1.057	-0.106
				Phelps	23	-2.670	-0.116	Gonzales	31	-3.325	-0.107
				Scribner	21	0.638	0.030	Ramirez	99	-10.630	-0.107
				Martin, C	14	-2.935	-0.210	Phelps	23	-2.670	-0.116
				Fien	11	-4.892	-0.445	Overton	64	-7.458	-0.117
				Garten	10	-1.057	-0.106	Pazos	39	-5.675	-0.146
				Simmons	9	1.240	0.138	De Jong	58	-9.287	-0.160
				Curtis	4	0.265	0.066	Whalen	27	-5.165	-0.191
				Cloyd	4	-0.210	-0.053	Martin, C	14	-2.94	-0.210
				Marshall	3	0.050	0.017	Fien	11	-4.892	-0.445
				SUV	3513	-29.82	-0.008	SUV	5540	-18.86	-0.003
				Error/PB/CI		Autata	-8.540				

COMPLETE MARINER FIELDING STATISTICS FOR 2017 SEASON*

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Name	Age	G	GS	CG	Inn	Ch	PO	A	E	DP	Fld%	Rtot	Rtot/yr	Rdrs	Rdrs/yr	RF/9	RF/G	PB	WP	SB	CS	CS%	IgCS%	PO	Pos Summary		
Andrew Albers	31	9	6	0	41.0	6	1	5	0	0	1.000					5	1.32	0.67		1	0	0			0 P		
Yonder Alonso	30	39	35	29	303.0	251	236	11	4	19	.984	-3	-11	0	0	7.34	6.33								1B		
Dan Altavilla	24	41	0	0	46.2	7	4	3	0	0	1.000					-4	1.35	0.17		9	5	0	0%	27%	0 P		
Gordon Beckham	30	9	3	2	38.1	20	9	11	0	5	1.000	1	31	0	0	4.70	2.00								SS-2B-3B		
Christian Beroman	29	13	8	0	54.0	10	3	7	0	1	1.000					0	1.67	0.77		0	2	1	33%	27%	0 P		
Robinson Cano	34	150	148	134	1286.2	603	254	339	10	97	.983	-3	-3	0	0	4.15	3.95								2B		
Steve Cishek	31	23	0	0	20.0	6	2	3	1	1	.833					0	2.25	0.22		1	0	0			0 P		
Tyler Cloyd	30	1	0	0	1.0	0	0	0	0	0						0	0.00	0.00		0	0	0			0 P		
Neison Cruz	36	5	5	0	28.0	7	7	0	0	0	1.000	0	9	-1	-1	-43	2.25	0.05							RF-DH		
Zac Curtis	24	3	0	0	4.2	2	0	2	0	0	1.000					0	3.86	0.67		2	0	0			0 P		
Chase De Jong	23	7	4	0	28.1	4	2	2	0	0	1.000					1	8	1.27	0.57		0	3	2	40%	27%	0 P	
Edwin Diaz	23	66	0	0	66.0	7	2	4	1	0	.857					-3	-9	0.82	0.09		3	12	2	14%	27%	0 P	
Jarrod Dyson	32	108	99	90	879.1	250	236	11	3	6	.988	11	15	15	20	2.53	2.27									CF-LF-DH	
Danny Espinosa	30	8	4	4	45.0	27	12	13	2	2	.926	1	29	0	0	5.00	3.13									3B-1B-SS-2B	
Casey Fien	33	6	0	0	6.0	3	1	2	0	1	1.000					0	4.50	0.50		0	1	1	50%	27%	1 P		
Mike Freeman	29	7	6	3	55.0	33	22	10	1	6	.970	-1	-11	-2	-2	-44	5.24	3.20		0	0	0			0	2B-1B-3B-P-DH	
Yovani Gallardo	31	28	22	0	130.2	25	8	17	0	2	1.000					1	2	1.72	0.89		7	5	0	0%	27%	0 P	
Ben Gamel	25	131	127	115	1134.2	251	239	7	5	3	.980	-2	-2	-8	-8	-8	1.95	1.81								LF-RF-1B	
Ryan Garton	27	13	0	0	11.2	2	0	2	0	0	1.000					0	1.54	0.15		0	0	0				0 P	
Sam Gaviglio	27	12	11	0	62.1	10	6	3	1	1	.900					0	1.30	0.75		1	6	3	33%	27%	0 P		
Marco Gonzales	25	10	7	0	36.2	5	1	3	1	1	.800					-1	-5	0.98	0.40		2	2	1	33%	27%	1 P	
Tuffy Gosewisch	33	11	8	7	77.0	77	76	1	0	1	1.000	-1	-8	-1	-1	-17	9.00	7.00	0	3	3	1	25%	27%	0 C-1B		
Mitch Haniger	26	96	95	85	824.2	226	213	6	7	1	.969	3	5	7	10	2.39	2.15									RF-CF-LF	
Jacob Hannemann	26	9	4	4	44.1	17	16	0	1	0	.941	2	41	-1	-1	-30	3.25	1.45								CF-LF-DH	
Guillermo Heredia	26	117	104	85	937.0	278	270	6	2	1	.993	1	1	6	8	2.65	2.17									CF-LF-RF-DH	
Felix Hernandez	31	16	16	0	86.2	12	4	7	1	1	.917					-2	-4	1.14	0.69		8	2	1	33%	27%	0 P	
Chris Heston	29	2	1	0	5.0	1	1	0	0	0	1.000					0	0	1.80	0.50		0	0	0			0 P	
Hisashi Iwakuma	36	6	6	0	31.0	3	1	2	0	1	1.000					0	0	0.87	0.50		1	1	2	67%	27%	0 P	
Casey Lawrence	29	23	0	0	42.0	4	2	2	0	0	1.000					-1	-4	0.86	0.17		1	6	0	0%	27%	0 P	
Mike Leake	29	5	5	0	32.0	7	4	3	0	0	1.000					2	13	1.97	1.40		1	1	1	50%	27%	0 P	
Jean Machi	35	5	0	0	7.2	1	0	0	1	0	.000					0	0	0.00	0.00		0	1	0	0%	27%	0 P	
Mike Marjama	27	5	2	1	20.0	22	21	1	0	0	1.000	1	60	1	54	9.90	4.40	0	0	0	1	100%	27%	0 C			
Evan Marshall	27	5	0	0	7.2	0	0	0	0	0						-1	-23	0.00	0.00		0	0	0			0 P	
Cody Martin	27	1	0	0	2.0	0	0	0	0	0						0	0	0.00	0.00		0	2	0	0%	27%	0 P	
Leonys Martin	29	30	29	29	262.1	77	75	1	1	1	.987	3	15	5	22	2.61	2.53									CF-RF	
Ariel Miranda	28	31	29	1	160.0	16	3	10	3	0	.813					1	1	0.73	0.42		8	1	2	67%	27%	0 P	
Andrew Moore	23	11	9	0	59.0	10	4	6	0	0	1.000					0	0	1.53	0.91		0	2	1	33%	27%	1 P	
Taylor Motter	27	86	68	53	629.1	273	159	110	4	32	.985	-6	-11	-2	-2	-4	3.85	2.69								SS-2B-LF-1B-3B-RF-DH	
Dillon Overton	25	9	1	0	18.1	2	0	2	0	0	1.000					1	12	0.98	0.22		3	1	1	50%	27%	1 P	
Emilio Pagan	26	34	0	0	50.1	2	0	2	0	0	1.000					-1	-4	0.36	0.06		1	2	0	0%	27%	0 P	
James Paxton	28	24	24	0	136.0	10	4	6	0	0	1.000					0	0	0.66	0.42		15	4	3	43%	27%	1 P	
James Pazos	26	59	0	0	53.2	10	4	6	0	1	1.000					-3	-11	1.68	0.17		4	8	1	11%	27%	0 P	
David Phelos	30	10	0	0	8.2	3	3	0	0	0	1.000					0	0	3.12	0.30		0	0	0			0 P	
Max Povse	23	3	0	0	3.2	0	0	0	0	0						0	0	0.00	0.00		0	0	0			0 P	
Boggs Powell	24	8	4	4	45.0	14	14	0	0	0	1.000	3	69	1	27	2.80	0.78									LF-RF-DH	
Erasmus Ramirez	27	11	11	0	62.0	8	4	3	1	1	.875					-1	-3	1.02	0.64		0	2	2	50%	27%	0 P	
Carlos Ruiz	38	49	40	29	352.1	303	282	20	1	2	.997	-1	-3	-6	-6	-21	7.71	6.04	5	18	23	7	23%	27%	1	C-P-1B-DH	
Marc Rzepczynski	31	64	0	0	31.1	7	2	4	1	0	.857					-2	-12	1.72	0.09		3	3	1	25%	27%	0 P	
Evan Scribner	31	8	0	0	7.1	2	0	2	0	0	1.000					0	0	2.45	0.25		0	1	0	0%	27%	0 P	
Kyle Seager	29	154	153	150	1353.1	454	130	310	14	46	.969	8	7	-2	-2	-2	2.93	2.86								3B	
Jean Segura	27	124	124	115	1084.0	451	136	298	17	61	.962	-4	-4	-3	-3	-3	3.60	3.50								SS	
Shae Simmons	26	9	0	0	7.2	1	0	0	1	0	.000					0	0	0.00	0.00		1	0	0			0 P	
Tyler Smith	25	9	4	4	45.0	26	7	19	0	4	1.000	2	61	2	53	5.20	2.60									SS-2B-DH	
Danny Valencia	32	126	117	101	1042.0	990	912	67	11	99	.989	1	2	1	1	8.46	7.59									1B-RF-3B	
Thvago Vieira	23	1	0	0	1.0	1	1	0	0	0	1.000					0	0	9.00	1.00		0	0	0			0 P	
Nick Vincent	30	69	0	0	64.2	10	2	8	0	0	1.000					0	0	1.39	0.14		0	1	1	50%	27%	0 P	
Dan Vogelbach	24	7	5	4	44.1	37	31	5	1	2	.973	-3	-84	-2	-2	-54	7.31	4.00								1B-DH	
Ryan Weber	26	1	1	0	3.2	2	1	1	0	0	1.000					0	0	4.91	2.00		0	1	0	0%	27%	0 P	
Robert Whalen	23	2	1	0	7.1	0	0	0	0	0						0	0	0.00	0.00		0	2	0	0%	27%	0 P	
Mike Zunino	26	120	112	105	994.0	957	894	56	7	5	.993	-5	-6	4	5	8.60	7.79	10	52	54	17	24%	27%	1	C-DH		
Tony Zych	26	45	0	0	40.2	4	1	3	0	0	1.000					0	0	0.89	0.09		1	3	0	0%	27%	0 P	
Team Totals	28.5	162	1458	1154	12963.0	5847	4322	1422	103	147	.982	10	1			3.99	2.72	15	146	80	26	25%	27%	7			
Rank in 15 AL teams																											
Name	Age	G	GS	CG	Inn	Ch	PO	A	E	DP	Fld%	Rtot	Rtot/yr	Rdrs	Rdrs/yr	RF/9	RF/G	PB	WP	SB	CS	CS%	IgCS%	PO	Pos Summary		

**SUV DEFENSE, PITCHING AND COMBINED (FIELDERS ONLY) STATISTICS FOR
TOP 10 PLAYERS BASED ON MOST OPPORTUNITIES (54 GAMES)**

Defense	+Ops	+SUV	+Avg		Pitching	+Ops	+SUV	+Avg		Combined	+Ops	+SUV	+Avg	
Dyson	77	9.948	0.129		Bergman	108	2.385	0.022		Seager	351	25.575	0.073	
Heredia	97	11.220	0.116		Vincent	89	-2.055	-0.023		Cruz	213	13.110	0.062	
Haniger	73	7.880	0.108		Paxton	195	-6.178	-0.032		Cano	390	23.022	0.059	
Gamel	84	8.275	0.099		Diaz	99	-5.217	-0.053		Alonso	136	7.222	0.053	
Cano	176	14.852	0.084		Hernandez	121	-8.388	-0.069		Dyson	201	10.658	0.053	
Seager	143	11.515	0.081		Moore	95	-7.577	-0.080		Haniger	217	9.080	0.042	
Motter	101	7.773	0.077		Gaviglio	116	-9.317	-0.080		Gamel	260	10.836	0.042	
Segura	143	9.886	0.069		Gallardo	149	-12.298	-0.083		Segura	325	13.116	0.040	
Valencia	306	13.264	0.043		Miranda	228	-22.133	-0.097		Valencia	468	13.854	0.030	
Alonso	84	3.192	0.038		Ramirez	99	-10.630	-0.107		Motter	192	4.793	0.025	
Totals	1284	97.81	0.076		Totals	1299	-81.41	-0.063		Heredia	242	3.951	0.016	
Mean	128.40	9.78	0.084		Mean	129.90	-8.14	-0.060		Zunino	178	-6.758	-0.038	
Std Dev	71.20	3.27	0.030		Std Dev	46.88	6.51	0.039		Totals	3173	128.46	0.040	
										Mean	264.42	10.70	0.038	
										Std Dev	98.64	8.50	0.029	
Normalized	Both	+SUV	+Avg	Rank	Normalized	Both	+SUV	+Avg	Rank	Normalized	Both	+SUV	+Avg	Rank
Heredia	0.762	0.670	0.855	1	Bergman	0.964	0.947	0.982	1	Seager	0.923	0.960	0.886	1
Dyson	0.728	0.520	0.935	2	Vincent	0.826	0.825	0.827	2	Cano	0.846	0.926	0.766	2
Cano	0.720	0.939	0.500	3	Paxton	0.692	0.618	0.765	3	Cruz	0.702	0.611	0.792	3
Seager	0.575	0.702	0.448	4	Diaz	0.624	0.673	0.575	4	Dyson	0.598	0.498	0.698	4
Haniger	0.534	0.281	0.787	5	Hernandez	0.447	0.485	0.408	5	Segura	0.572	0.612	0.532	5
Gamel	0.503	0.323	0.684	6	Moore	0.422	0.535	0.310	6	Gamel	0.528	0.506	0.550	6
Valencia	0.470	0.857	0.083	7	Gaviglio	0.366	0.428	0.305	7	Alonso	0.520	0.341	0.699	7
Segura	0.408	0.513	0.303	8	Gallardo	0.273	0.261	0.285	8	Valencia	0.515	0.645	0.385	8
Motter	0.335	0.270	0.401	9	Ramirez	0.233	0.351	0.115	9	Haniger	0.488	0.424	0.552	9
Alonso	0.040	0.022	0.059	10	Miranda	0.095	0.016	0.175	10	Motter	0.284	0.243	0.326	10
										Heredia	0.220	0.213	0.226	11
										Zunino	0.012	0.020	0.004	12

From Reference 3 the complete season defensive statistics for all the Mariner players are shown above, followed by the 54-game SUV statistics for defense, including pitching, and combined offense and defense for the top 10 players with the most defensive and pitching Opportunities and top 12 for the combined group. For defense, a lower limit of 73 Opportunities (Haniger) was selected. For pitching, the lower limit was 89 Opportunities (Vincent). For combined, the lower limit was 136 Opportunities (Alonso), which added both Alonso and Zunino to the group carried over from the top 10 defensive players. Following the approach developed in Reference 2, whereby the total, mean and standard deviation for each of the three groups are calculated, “+SUV” and “+Avg” are calculated on a normalized basis for each group. Again, as in Reference 2, within each group these two normalized statistics for each player are then averaged (“Both” column) and used to rank the players from first through tenth (twelfth for combined). The reason for considering both “+SUV” and “+Avg” is again the same as in Reference 2 - the former reflects longevity (most Opportunities) over a season while the second reflects expected performance per Opportunity. Combined, both aspects are reflected.

As discussed in References 1 and 2, the goal of developing the SUV statistic is insights into players’ performance “in the clutch” that may not be readily indicated by the myriad of other

statistics currently being used.¹ Below are the season statistics for the top 10 fielders from the SUV lists based on the compilations shown above from Reference 2. To characterize player performance based on such multiple statistics, the approach taken is again the same as in Reference 2, i.e., the players are ranked by normalization of the statistics for selected categories, then these normalized values are averaged to yield one overall result, used to rank the players. A combination of longevity (R-tot [Total Zone Total Fielding Runs Above Average²] and R-drs [Defensive Runs Saved Above Average³]) and expected performance statistics (Fielding Percentage [Sum of Put Outs and Assists divided by Chances], R-tot/yr [R-tot per 1200 innings, or approximately 135 games] and R-drs/yr [R-drs per 1200 innings, or approximately 135games]), i.e., a total of five statistics, are used.

Within the constraints of the comparison (SUV analysis is based on only one-third, i.e., 54 games, of the season vs. Reference 3's complete season; and the subjectivity of which statistics to select for the comparison and use of normalization and subsequent averaging to yield a "performance measure" that can be compared to the SUV), the results provide insights that might not readily be found from the current myriad of statistics. Among the fielders, Heredia, Dyson and Cano stood out as the top performers, with a fairly wide margin over the next player (Seager); while Alonso was the poorest, significantly below the previous player (Motter). When the full season "traditional" statistics are used, Dyson stands out at the top and Segura at the bottom, similar to the SUV results, with Heredia a somewhat distant second to Dyson and Cano now falling in the middle. Again, this comparison is arbitrary, and the SUV analysis uses only 54 of the 162 games, but if one envisions the SUV results to be representative of a full-season performance, they indicate that Dyson performed well in the clutch, somewhat better than his "traditional" statistics would seem to indicate. Meanwhile, Segura did not perform well in the clutch, somewhat below his middling "traditional" statistics. Such insight could be quite valuable to an owner, general manager, and manager (and fielding coach) when assembling a roster and line-up.

For pitchers based on their SUV, Bergman stood out at the top, with Vincent next and well above the rest of the group; while Miranda was the poorest, noticeably below the next higher player (Ramirez). The rankings are quite similar to those from Reference 2, which used a simpler approach to assessing pitcher SUV, with no pitcher displaced by more than one position from his ranking in Reference 2. As shown in Reference 2, based on the full season's "traditional" statistics, Vincent comes out on top, followed by Diaz and Ramirez (the bottom performer based on the SUV), with Bergman and Paxton in the middle. Gallardo and Miranda are at the bottom, consistent with their SUV ranks. There the discrepancy for Ramirez was noted and analyzed, so is not repeated here. Again, to the extent the SUV results for 54 games are representative for an entire season, such insight could be quite valuable to an owner, general manager, and manager (and pitching coach).

¹ Since only 54 of the total 162 games have been analyzed for SUV, all the following "insights" regarding individual players should be taken with "a grain of salt" as merely illustrative as if the entire season had been analyzed for SUV. If the selected games happened to correspond to atypically better or poorer performances by the player than what transpired over the entire season, the "insights" may be biased by the limited selection. While 1/3 of the season is considered to be a significant sample for analysis, it remains possible that atypical player performance has been highlighted. All subsequent "insights" are intended to be illustrative only, not necessarily reflecting deviations from any individual player's overall performance, either better or worse.

² Defined in Reference 3 as "the number of runs above or below average the player was worth based on the number of plays made."

³ Defined in Reference 3 as "the number of runs above or below average the player was worth based on the number of plays made [as compiled by *Baseball Info Solutions*]."

COMPLETE SEASON FIELDING STATISTICS FOR TOP 10 MARINERS FROM SUV LIST

Defense	Chances	Put Outs	Assists	Errors	Fielding %age	R-tot	R-tot/yr	R-drs	R-drs/yr
Alonso	251	236	11	4	0.984	-3	-11	0	0
Cano	603	254	339	10	0.983	-3	-3	0	0
Dyson	250	236	11	3	0.988	11	15	15	20
Gamel	251	239	7	5	0.980	-2	-2	-8	-8
Haniger	226	213	6	7	0.969	3	5	7	10
Heredia	278	270	6	2	0.993	1	1	6	8
Motter	273	159	110	4	0.985	-6	-11	-2	-4
Seager	454	130	310	14	0.969	8	7	-2	-2
Segura	451	136	298	17	0.962	-4	-4	-3	-3
Valencia	990	912	67	11	0.989	1	2	1	1
Mean					0.980	0.6	-0.1	1.4	2.2
Std Dev					0.010	5.441	7.992	6.433	8.230
Normalized	Cumulative			Rank	Fielding %age	R-tot	R-tot/yr	R-drs	R-drs/yr
Dyson	0.937			1	0.777	0.972	0.971	0.983	0.985
Heredia	0.700			2	0.893	0.529	0.555	0.763	0.760
Haniger	0.635			3	0.131	0.670	0.738	0.808	0.828
Valencia	0.571			4	0.803	0.529	0.604	0.475	0.442
Seager	0.493			5	0.134	0.913	0.813	0.299	0.305
Cano	0.408			6	0.621	0.254	0.358	0.414	0.395
Alonso	0.359			7	0.645	0.254	0.086	0.414	0.395
Motter	0.283			8	0.691	0.113	0.086	0.299	0.226
Gamel	0.279			9	0.491	0.316	0.406	0.072	0.108
Segura	0.212			10	0.037	0.199	0.313	0.247	0.264

There is one more advantage to SUV that is not readily available using traditional statistics, as illustrated by the rankings for the combined category. Since both hitting and fielding are based on the same statistic (“run expectancy”), it is possible and perhaps quite informative to combine the hitting and fielding SUVs as shown here to yield and overall measure of “clutch” performance by a player both as a hitter and fielder.⁴ Here Seager and Cano stood out, significantly above the next player (Cruz, the designated hitter, whose rather positive offensive SUV enabled him to place this high on the combined list with essentially no fielding contribution); while Zunino is clearly at the bottom of the list of 12, significantly below the previous player (Heredia). Note that Zunino was the only player among the 12 with a negative combined SUV, the result of his rather negative SUV for hitting. As a catcher, he did not have many opportunities for an offsetting positive SUV since

⁴ Pitchers, especially in the American League (who rarely bat, except in National League home parks), are not included in the combined category since their hitting statistics are minimal compared to “everyday” players, even in the National League. For the American League, the designated hitter may or may not have much opportunity to play in the field (as shown here, Cruz had just one Opportunity over the 54 games selected), so his combined SUV is much more heavily weighted toward hitting and may somewhat penalize him relative to the rest since the fielding SUVs tend toward the positive. Nonetheless, the designated hitter is included here.

SUV does not credit put outs to the catcher for strikeouts. A similar effect is evident for Heredia who, despite being the top fielder via SUV, also had a rather negative SUV for hitting which brought his combined ranking way down.

References

1. Gallucci, R. 2017. Situational Underlying Value for Baseball, Football and Basketball – A Statistic (SUV) to Measure Individual Performance in Team Sports, Lambert Academic Publishing, Saarbrücken, Germany (ISBN 978-3-330-06583-3); also: <http://vixra.org/>, item 1703.0203.
2. Gallucci, R. 2018. “‘Proof of Principle’ for Situational Underlying Value (SUV) – A Statistic to Measure Clutch Performance by Individuals in the Team Sports of Major League Baseball,” <http://vixra.org>, item 1806.0411 (Part 1).
3. “Baseball Reference,” <https://www.baseball-reference.com/>.

