4 Base Score
Baseball/Softball Scoring System

4BaseScore.com

Love Baseball?

Hate the Box Score?

For every game – after I know the score -

the next thing I want to know is:

"Who did the best?

Which of the guys contributed the most to today's game?"

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Let's look at the box score … shall we?

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Oh my ...

?

Kansas City	AB	R	H	RBI	BB	SO	LOB	AVG
Escobar, A, SS	5	0	1	0	0	1	0	.353
Gordon, A, LF	5	1	1	0	0	1	1	.125
Cain, L, RF	5	1	2	0	0	1	1	.267
Hosmer, 1B	5	1	3	1	0	1	2	.267
Moustakas, 3B	3	1	0	0	1	0	2	.231
Collins, P	0	0	0	0	0	0	0	.000
Infante, 2B	4	0	1	2	0	1	1	.231
Perez, S, C	4	0	3	1	0	0	1	.357
Dyson, J, CF	3	0	1	0	1	2	0	.286
Vargas, P	2	0	0	0	0	1	3	.000
Frasor, P	0	0	0	0	0	0	0	.000
Duffy, P	0	0	0	0	0	0	0	.000
a-Aoki, PH	1	0	0	0	0	0	1	.000
Finnegan, P	0	0	0	0	0	0	0	.000
Nix, J, 3B	1	0	0	0	0	1	1	.000
Totals	**38**	**4**	**12**	**4**	**2**	**7**	**16**	**.242**

a-Grounded into a double play for Duffy in the 6th.

San Francisco	AB	R	H	RBI	BB	SO	LOB	AVG
Blanco, G, CF	5	3	2	0	1	0	3	.267
Panik, 2B	4	2	2	2	0	0	2	.235
Posey, C	3	1	1	1	2	0	2	.188
Pence, RF	5	2	3	3	0	0	4	.467
Sandoval, 3B	5	0	2	2	0	2	4	.333
Belt, 1B	3	0	1	1	2	1	0	.286
Perez, J, LF	4	0	1	1	0	1	4	.143
Crawford, B, SS	5	1	1	0	0	2	3	.286
Vogelsong, P	0	0	0	0	0	0	0	.000
Machi, P	0	0	0	0	0	0	0	.000
a-Duffy, PH	1	1	1	0	0	0	0	1.000
Petit, Y, P	1	0	1	0	0	0	0	1.000
b-Arias, PH	1	0	1	0	0	0	0	.500
Affeldt, P	0	0	0	0	0	0	0	.000
c-Morse, PH	0	1	0	0	1	0	0	.333
Romo, P	0	0	0	0	0	0	0	.000
d-Ishikawa, PH	1	0	0	0	0	0	0	.125
Strickland, P	0	0	0	0	0	0	0	.000
Totals	**38**	**11**	**16**	**10**	**6**	**6**	**22**	**.288**

a-Singled for Machi in the 3rd. b-Singled for Petit, Y in the 6th. c-Walked for Affeldt in the 7th. d-Lined out for Romo in the 8th.

BATTING
2B: Hosmer (1, Petit, Y), Gordon, A (2, Strickland).
TB: Perez, S 3; Dyson, J; Cain, L 2; Gordon, A 2; Infante; Escobar, A; Hosmer 4.
RBI: Hosmer (2), Infante 2 (4), Perez, S (4).
2-out RBI: Hosmer; Infante 2; Perez, S.
Runners left in scoring position, 2 out: Vargas 2; Perez, S; Nix, J; Hosmer.
GIDP: Aoki.
Team RISP: 4-for-11.
Team LOB: 9.

BASERUNNING
SB: Gordon, A (1, 2nd base off Vogelsong/Posey).

FIELDING
E: Collins (1, throw).

BATTING
2B: Panik 2 (2, Vargas, Collins), Pence (2, Collins).
TB: Sandoval 2; Blanco, G 2; Arias; Duffy; Belt; Panik 4; Crawford, B; Pence 4; Petit, Y; Perez, J; Posey.
RBI: Pence 3 (5), Posey (2), Perez, J (1), Sandoval 2 (4), Belt (2), Panik 2 (3).
2-out RBI: Posey; Sandoval 2; Belt.
Runners left in scoring position, 2 out: Sandoval; Blanco, G; Crawford, B; Perez, J 2.
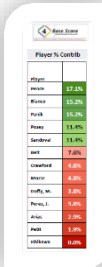SAC: Panik.
SF: Perez, J.
Team RISP: 7-for-19.
Team LOB: 11.

BASERUNNING
SB: Blanco, G (1, 3rd base off Vargas/Perez, S).

FIELDING
DP: (Belt-Crawford, B-Belt).

Kansas City	IP	H	R	ER	BB	SO	HR	ERA
Vargas	4.0	6	3	3	2	3	0	6.75
Frasor	0.1	1	1	1	0	0	0	6.75
Duffy	0.2	1	0	0	1	1	0	4.91
Finnegan (L, 0-1)	1.0	5	5	5	2	0	0	27.00
Collins	2.0	3	2	2	1	2	0	4.50
Totals	**8.0**	**16**	**11**	**11**	**6**	**6**	**0**	**6.88**

San Francisco	IP	H	R	ER	BB	SO	HR	ERA
Vogelsong	2.2	7	4	4	1	2	0	13.50
Machi	0.1	0	0	0	1	1	0	27.00
Petit, Y (W, 1-0)	3.0	2	0	0	0	2	0	0.00
Affeldt (H, 1)	1.0	1	0	0	0	0	0	0.00
Romo	1.0	1	0	0	0	1	0	0.00
Strickland	1.0	1	0	0	0	1	0	9.00
Totals	**9.0**	**12**	**4**	**4**	**2**	**7**	**0**	**3.88**

4BaseScore.com

Well you might say "there's always the Scorecard!"

Ah yes … baseball *hieroglyphics*

This certainly clarifies everything!

(Even Harold & Joe think it's ridiculous)
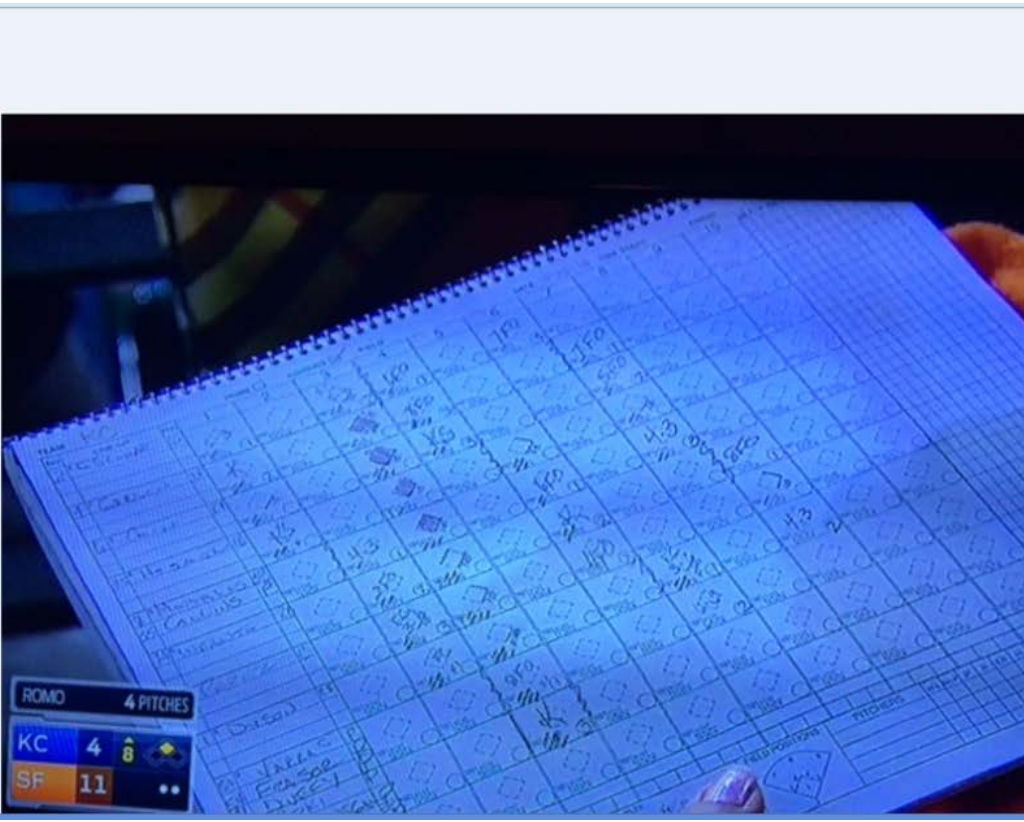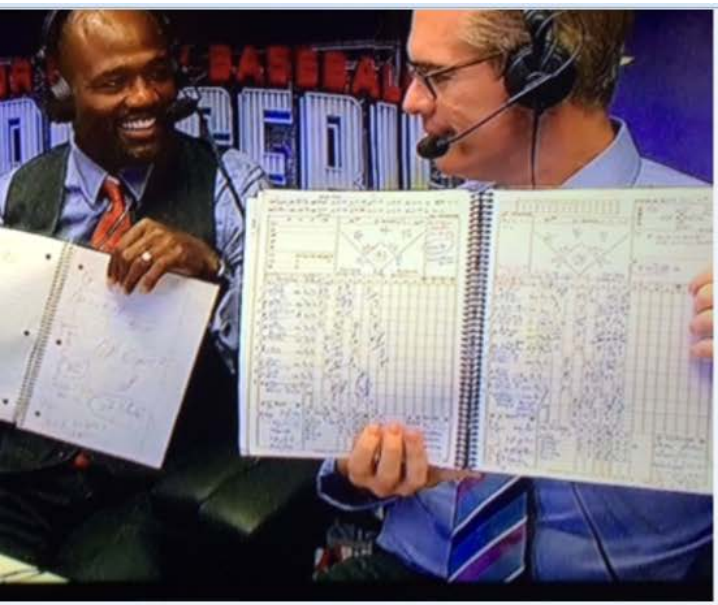
Let's review:

I want to know which player did the best? … maybe 3 Stars of the Game? … who might've contributed "under the radar"?

- **One source gives me columns of numbers but no context of the game (no story).**

- **Another source gives me some of the story (assuming you can read it) but no compiled numbers.**

I wanted a definitive answer: Who contributed the most to last night's game so I built a view of the game to capture this:

To what extent did each player contribute to advancing himself and/or lead runners around 4 Bases?

4BaseScore is a simple in-game tally of 4 Measures:

- Plate Appearance Bases
- Base Running Bases
- Bases Pushed
- RBI or Non-RBI Run Scored ("Credit for the Run")

This is NOT "SABR-metric" … instead …

The objective is to numerically represent the Traditional Symbol Scorecard!

4BaseScore.com

The objective is to numerically represent the Traditional Symbol Scorecard

So at the end of the game you know - Who Did The Best!
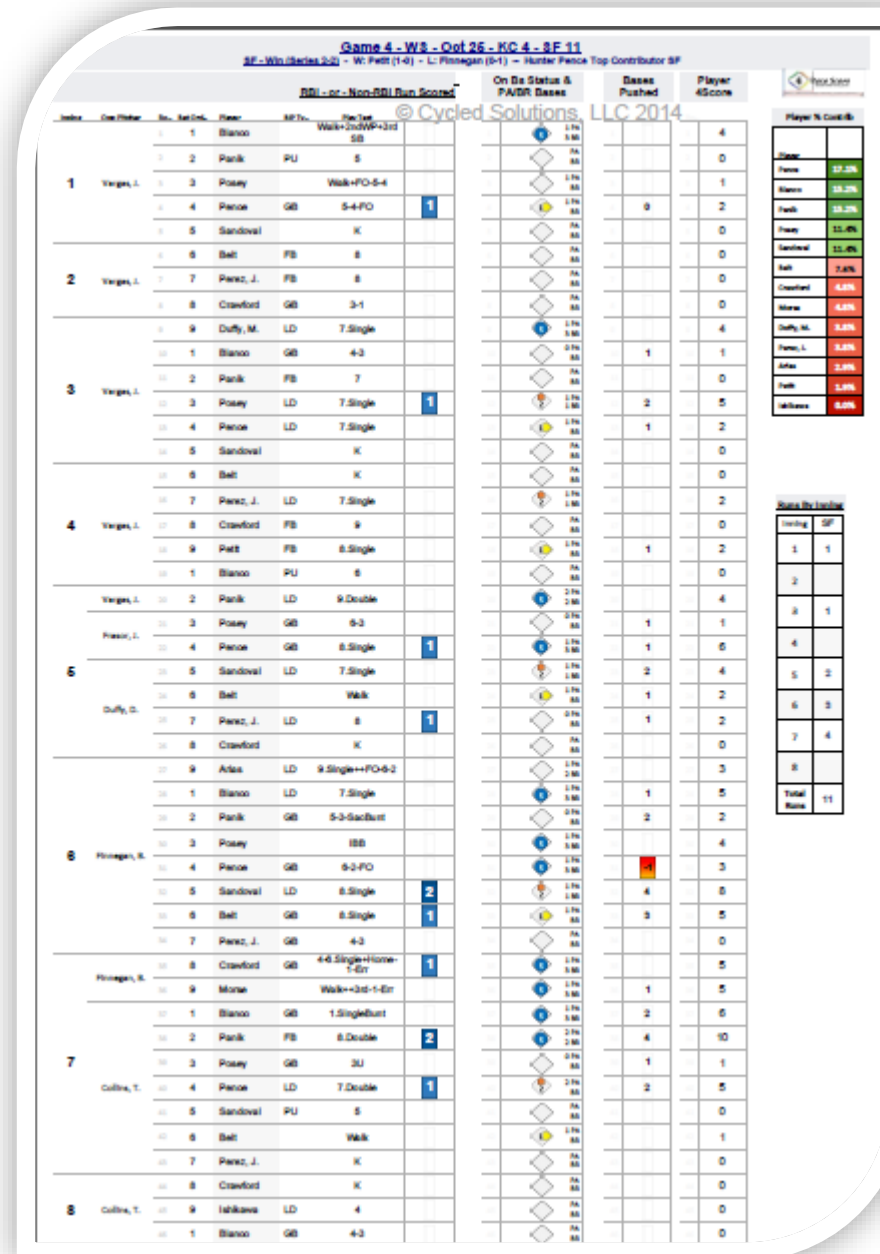
Player % Contrib

Player	
Pence	17.1%
Blanco	15.2%
Panik	15.2%
Posey	11.4%
Sandoval	11.4%
Belt	7.6%
Crawford	4.8%
Morse	4.8%
Duffy, M.	3.8%
Perez, J.	3.8%
Arias	2.9%
Petit	1.9%
Ishikawa	0.0%

4BaseScore.com

4BaseScore Scorecard for SF Giants – Game 4

Who was World Series Game 4 – Top Contributor?
Hunter Pence for the winning SF Giants

SF - 4BaseScore - % Contribution by Batting Order

Player	Position	1	2	3	4	5	6	7	8	9
Pence	RF				17.1%					
Blanco	CF	15.2%								
Panik	2B		15.2%							
Posey	C			11.4%						
Sandoval	3B					11.4%				
Belt	1B						7.6%			
Crawford	SS								4.8%	
Morse	PH									4.8%
Duffy, M.	PH									3.8%
Perez, J.	LF							3.8%		
Arias	PH									2.9%
Petit	P									1.9%
Ishikawa	PH									0.0%

All my World Series Scorecards are stored:
https://www.4basescore.com/?page_id=2514

4BaseScore.com

Feature 1: Productive Outs & Predator Outs

- Baseball guys know: All **Outs** are not equal:

→ from a Bases Pushed standpoint productive outs advance runners & "predator" outs remove lead runners. 4BaseScore counts the **+** AND the "**–**"

→ If a guy "gives himself up" to advance lead runners 4BaseScore counts it. If it serves the same purpose as a true Sacrifice count it as such!

Game 3 - WS - Oct 24 - KC 3 - SF 2
KC - Win (Series 2-1) - W: Guthrie (1-0) - L: Hudson (0-1) - SV: Holland (1) - Alex Gordon Top Contributor KC

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Inning	Opp Pitcher	Ro..	Bat Ord..	Player	BIP Ty..	Play Text	On Bs Status & PA/BR Bases		Bases Pushed	Player 4Score
1	Hudson, T.	1	1	Escobar	FB	7.Double	R	2 PA 2 BR		4
		2	2	Gordon	GB	3U		0 PA BR	1	1
		3	3	Cain	GB	6-3		0 PA BR	1	2
		4	4	Hosmer	GB	3-1		PA BR		0
2	Hudson, T.	5	5	Moustakas	LD	7.Single	2	1 PA 1 BR		2
		6	6	Infante		Walk+DP-4-6-3		1 PA 0 BR	1	2
		7	7	Perez, S.	LD	7		PA BR		0
		8	8	Dyson	GB	4-6-3-DP		PA BR	-1	-1
		9	9	Guthrie	GB	4-3		PA BR		0
3	Hudson, T.	10	1	Escobar	GB	4-3		PA BR		0
		11	2	Gordon		K		PA BR		0

RBI - or - Non-RBI Run Scored

Player % Contrib	
Player	
Gordon	33.3%
Escobar	29.6%
Hosmer	14.8%
Cain	7.4%
Infante	7.4%
Moustakas	7.4%
Dyson	0.0%
Guthrie	0.0%
Herrera	0.0%
Perez, S.	0.0%

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Feature 2: Negative Base Running

- Base running – 4BaseScore rewards smart base running. We also negatively account for poor base running …
Examples:

→ Caught Stealing/Pick off
→ Line-out Double Play
→ Fly ball doubled off

Game 3 - WS - Oct 24 - KC 3 - SF 2
SF - Loss (Series 1-2) - W: Guthrie (1-0) - L: Hudson (0-1) - SV: Holland (1)

Inning	Opp Pitcher	Ro..	Bat Ord..	Player	BIP Ty..	Play Text		On Bs Status & PA/BR Bases		Bases Pushed		Player 4Score
						RBI - or - Non-RBI Run Scored						
1	Guthrie, J.	1	1	Blanco	FB	8		PA BR				0
		2	2	Panik	GB	4-3		PA BR				0
		3	3	Posey	LD	9		PA BR				0
2	Guthrie, J.	4	4	Sandoval	FB	8		PA BR				0
		5	5	Pence	GB	6.Single+CS-2-6		1 PA -1 BR				0
		6	6	Belt	LD	8.Single		1 PA BR		1		1
		7	7	Ishikawa	LD	9		PA BR				0
								PA				

Feature 3: My scorecard matches batter and opposing pitcher (something I've always wanted to easily see)

Feature 4: Compelling Aggregate views of Player Contributions → Data Visualization

4BaseScore.com
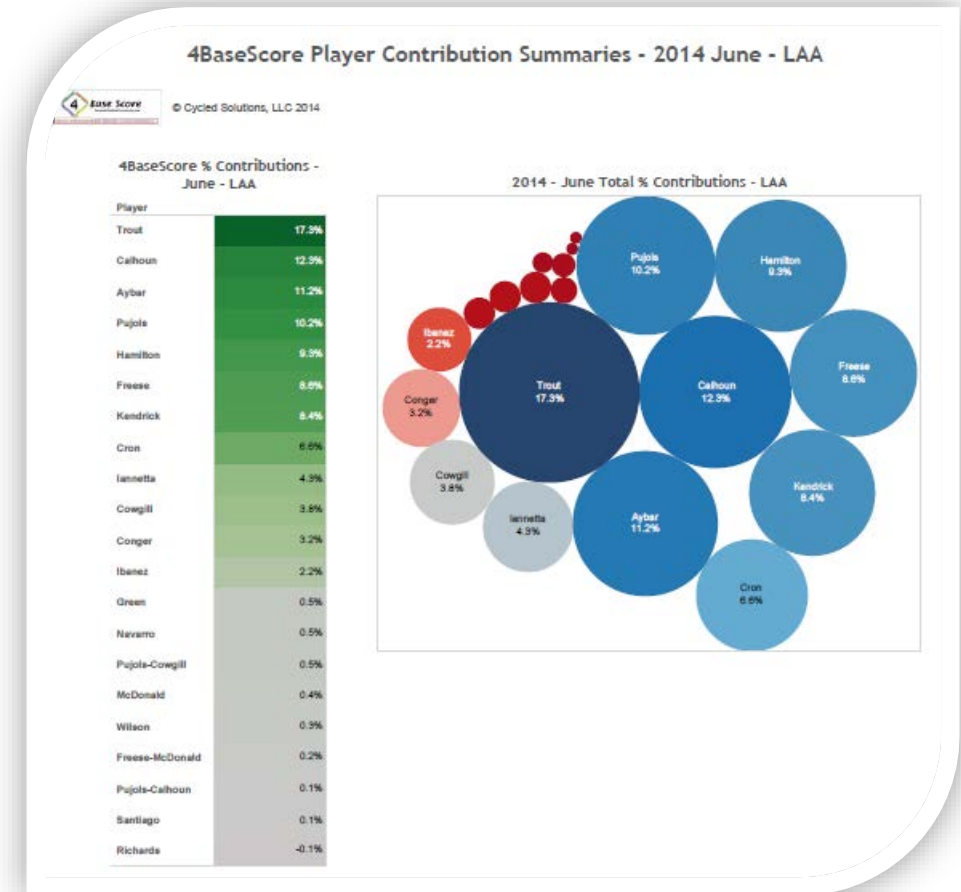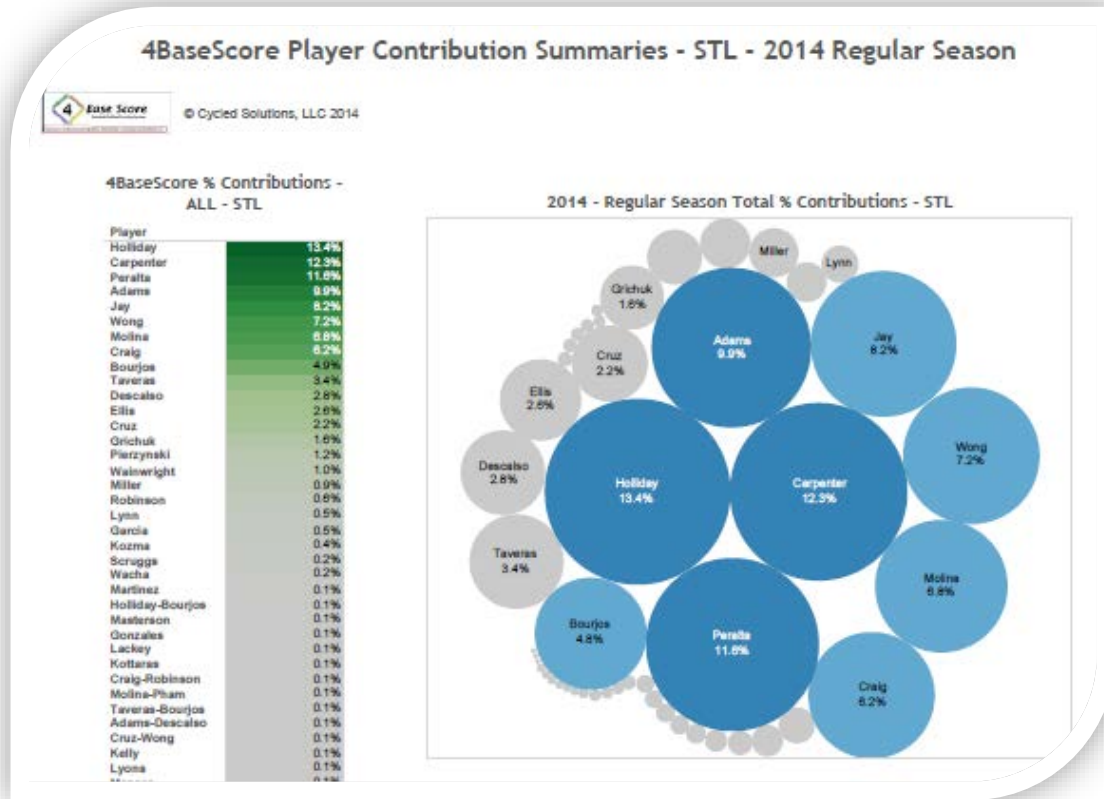
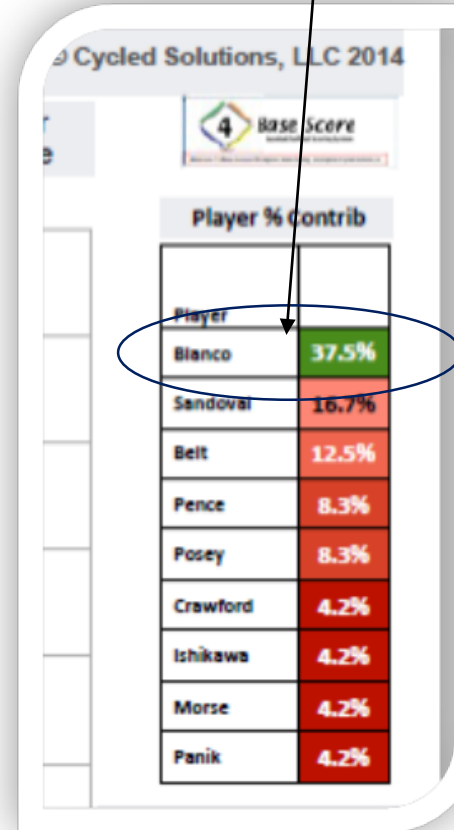**Just for fun … with 8 guys showing up as "1 – 3" … which of the Giants contributed the most up to this point in the game ?**

IN-GAME BOX SCORE

Pos	Player		Result
CF	GREGOR BLANCO	1-3	SOLO HR
2B	JOE PANIK	1-3	SINGLE
C	BUSTER POSEY	1-3	SINGLE
3B	PABLO SANDOVAL	1-3	DOUBLE, RUN
RF	HUNTER PENCE	1-3	SINGLE
1B	BRANDON BELT	1-3	RBI DOUBLE
DH	MICHAEL MORSE	1-3	SINGLE
LF	TRAVIS ISHIKAWA	1-3	SINGLE
SS	BRANDON CRAWFORD	0-2	

GEICO

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Player % contrib

Player	
Blanco	37.5%
Sandoval	16.7%
Belt	12.5%
Pence	8.3%
Posey	8.3%
Crawford	4.2%
Ishikawa	4.2%
Morse	4.2%
Panik	4.2%

Hits - Appearances by Player (Batting Order)

Bat Order Nbr	Player	SF
1	Blanco	1 - 3
2	Panik	1 - 3
3	Posey	1 - 3
4	Sandoval	1 - 3
5	Pence	1 - 3
6	Belt	1 - 3
7	Morse	1 - 3
8	Ishikawa	1 - 3
9	Crawford	0 - 3
Total Hits		8 - 27

4BaseScore.com

Misc wrap-up info … just FYI:

- I began my scoring project in late June 2013 because – well – it was just the way I wanted to score ball games and I knew I had the skill set to build it … so I did. I suspected there were a lot of under the radar contributions and I was curious to see how the Cardinals aggregate numbers would turn out (Matt Holliday has been Cardinals' top contributor in 2013 and 2014).

- So far 4BaseScore & 4BaseScore.com have been complete solo efforts by me. Everything I've done to this point I consider "Prototype/Proof of Concept" work.

- I have scored all 2013 and 2014 LA Angels and STL Cardinal games plus I've scored every 2014 playoff game, Japan All Star Series & some Australia Baseball League games.

- My current data sets total *__at least__* 675 games and 26,000 data lines (player appearances).

- I've received feedback from several guys inside the game: a former MLB player, former 2nd—tier MLB coach, 3 STL media members (2 broadcast, 1 print) … all feedback being positive.

- My website is a bit in an "under construction" mode as I'm working on updating as many of my 2014 games as possible into my newly rebuilt format.

- My goal for this offseason is to obtain Funding, perhaps some sort of partner and/or some sort of interstate commerce associated with the system/website. If the project is to continue into 2015 I need to get some help – hired or volunteer.
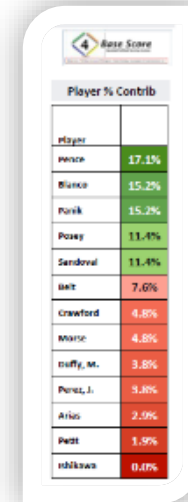
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Thank you!