

**“PROOF OF PRINCIPLE” FOR SITUATIONAL UNDERLYING VALUE (SUV) –  
A Statistic to Measure Clutch Performance by Individuals in the Team Sports of Major  
League Baseball, Professional Football (NFL) and NCAA Men’s College Basketball**

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**NOTE: Due to size limitations, this has been published in three separate parts, with the abstract and references to all three parts included with each. This is Part 3, directed exclusively to NCAA Men’s College Basketball.**

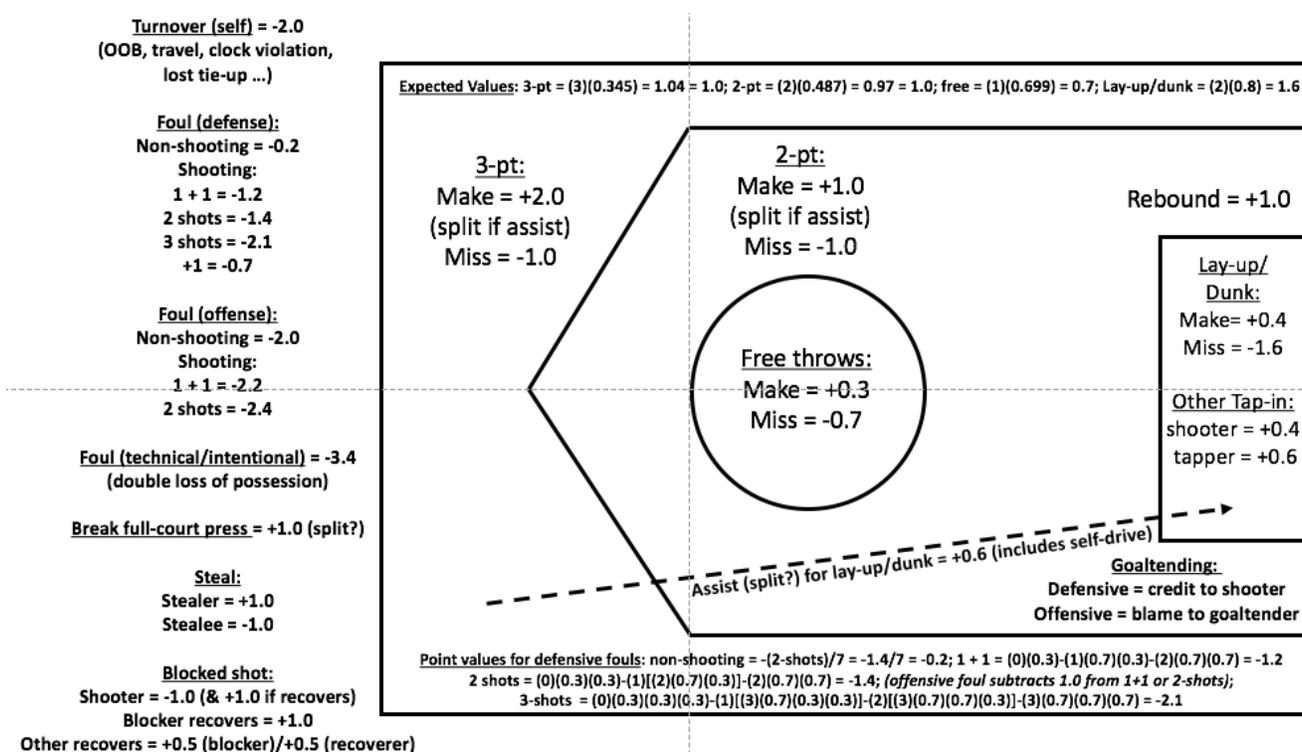
In Situational Underlying Value for Baseball, Football and Basketball – A Statistic (SUV) to Measure Individual Performance in Team Sports, an all-encompassing, overall statistic to measure “clutch” performance by individual players in the team sports of major league baseball, professional football (NFL), and NCAA men’s college basketball was developed, called “Situational Underlying Value” (SUV). This work supplements and extends the development and initial demonstrations of the use of the SUV statistic for these three team sports by tracking the performance of three specific teams in these three sports over a significant portion of their most recent seasons: (1) for major league baseball, 54 of the 162 games played by the Seattle Mariners in 2017; (2) for professional football, five of the 16 games played by the Seattle Seahawks in 2017; and (3) for NCAA Men’s College Basketball, the five games played by the Loyola of Chicago Ramblers in the 2018 NCAA Division I Men’s Basketball Tournament. The SUV statistics for the players who participated in these games are tracked and accumulated for comparison among themselves and, for those who participated in a significant portion of these games, further compared against the traditional statistics for each team over the entire season (or, in the case of the Loyola of Chicago Ramblers, the complete five games of the Basketball Tournament). The goal is to examine the efficacy of this one overarching statistic, the SUV, in representing player performance “in the clutch” vs. more subjective interpretation of the myriad of different “traditional” statistics currently used. Anomalies between the SUV and “traditional” statistics results are examined and explained, to the extent practicable given the scope of the SUV analysis (partial seasons). Whether or not this effort proves successful is left to the reader’s conclusion based on the results and comparisons performed.



## SITUATIONAL UNDERLYING VALUE (SUV) STATISTIC FOR NCAA MEN'S COLLEGE BASKETBALL – PROOF OF PRINCIPLE

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In Reference 1, the SUV concept from baseball was extended to professional football, i.e., the National Football League (NFL), and finally to NCAA Men's Basketball. Extrapolating from the Situational Underlying Value (SUV) concept developed for baseball and football, a similar SUV statistic for basketball was developed based on the concept of worth, in points, of a possession where there is an attempted score. From the 2015-16 NCAA Men's Basketball season, shooting percentages for all 351 teams were converted into SUV statistics summarized pictorially by the figure below.



The bases for the various point assignments are discussed in detail in Reference 1, and are not repeated here. Similarly, two example games are analyzed there for both teams. As with the "Proof of Principle" for baseball and football, the goal here is to track the performance of an individual team. However, rather than select a substantial portion of an entire season (typically around 30 games, excluding any post-season participation), here the five-game run of the Loyola of Chicago Ramblers through the 2018 NCAA Division I Men's Basketball Tournament is tracked, as it represents a complete microcosm for which the SUV results can be compared to the traditional overall statistics. Over those five games, Loyola won four to reach the Final Four as a Number 11 seed, defeating the following: (1) Miami of Florida 64-62 on March 15, 2018; (2) Tennessee 63-62 on March 17, 2018; (3) Nevada 69-68 on March 22, 2018; and (4) Kansas State 78-62 on March 24, 2018. Their run ended on March 31, 2018, with a loss to Michigan, 69-57. The play-by-play for Loyola for each of these games is reproduced here to show the assignment of the SUV statistics to the individual players, based on Reference 4, "NCAA Division 1 Men's Basketball

Game Center,” <https://www.ncaa.com/game/basketball-men/d1/2018/03/15/loyola-il-miami-fl/play-by-play>. (Note there is a similar website for each of the five games.)

An interesting and illustrative series for Loyola at the start of the second half of Game 2 vs. Tennessee (below) shows the assignment of the SUVs.

Game 2, Loyola-Chi (63) vs. Tennessee (62), 03-17-2018		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Cameron Krutwig misses two point layup <i>(Unassigned assist credited)</i>	19:31				-1.6							0.6	-1.0
Cameron Krutwig misses regular free throw 1 of 2	18:57				-0.7								-0.7
Cameron Krutwig makes regular free throw 2 of 2	18:57				0.3								0.3
Cameron Krutwig defensive rebound after block	18:39				1.0								1.0
Marques Townes misses three point jump shot	18:26									-1.0			-1.0
Donte Ingram defensive rebound	18:01		1.0										1.0
Marques Townes makes two point reverse layup	17:52									1.0			1.0
Clayton Custer makes three point jump shot <i>(Donte Ingram assists)</i>	17:20	1.0	1.0										2.0
Donte Ingram makes three point pullup jump shot	16:56		2.0										2.0
Clayton Custer shooting foul (Jordan Bowden draws the foul) - 2 shots	16:39	-1.4											-1.4
Ben Richardson defensive rebound	16:39						1.0						1.0
Cameron Krutwig offensive foul (Grant Williams draws the foul)	16:15				-2.0								-2.0
Donte Ingram misses three point jump shot	15:35		-1.0										-1.0
Ben Richardson makes two point jump shot <i>(Clayton Custer assists)</i>	14:45	0.5					0.5						1.0

Cameron Krutwig is key to the first four plays. First, he misses a layup, an SUV of -1.6. However, since a layup is always scored either from an assist by another player or by the scorer himself driving to the basket (self-assist), an additional SUV of +0.6 is always associated with it. Since there is no indication in the play-by-play whether Krutwig’s attempt was the result of another’s assist or his own drive, the +0.6 is placed in the category “Unassigned,” necessary since the missed shot must have a total SUV = -1.0 (as shown in the “Team” column). (Had Krutwig converted the layup, he would have received an SUV of +0.4 and the assister an SUV of +0.6 which, if Krutwig himself, e.g., on a drive, would have given him the full SUV of +1.0.) Krutwig subsequently misses (SUV = -0.7) then converts a free throw (SUV = +0.3), and later pulls down a defensive rebound (SUV = +1.0). Next, Marques Townes misses a three-point shot (SUV = -1.0) then, after a Donte Ingram defensive rebound (SUV = +1.0), converts a layup, assumed to be self-assisted since no other player is credited, as is typical for the play-by-play format when there is an assist. Thus, Townes receives both the layup scorer’s SUV of +0.4 and that of the assister, +0.6, for the full total of +1.0.

Clayton Custer is key to the next three plays. First, he scores three points off an assist from Donte Ingram, splitting the SUV of +2.0 equally between both. He follows with an unassisted three-pointer, for full credit of +2.0. However, next he fouls, resulting in two shots for the opponent and an SUV of -1.4. The opponent missed the second free throw, and Ben Richardson pulled down the defensive rebound (SUV = +1.0). Krutwig subsequently committed an offensive foul, equivalent to a turnover, for an SUV = -2.0. Ingram next misses a three-pointer (SUV = -1.0). Finally, Richardson converts a two-pointer with an assist from Custer, splitting the SUV of +1.0 equally between them. Hopefully, the assignment of SUVs is fairly straightforward. Any anomalies are explained in *bold purple italics* with the play.

All players’ SUVs were tracked cumulatively through the five games, and the results are shown immediately following Game 5. To provide insights relative to the traditional statistics, the SUVs for the seven players with the most minutes over the five games (highlighted in yellow) are compared against their cumulative “traditional” statistics, compiled below. The statistics selected for comparison are shown

in red, a total of nine in all, again representing both “longevity” (“MIN” = Minutes; “SUM+” = total of rebounds [“REB”], assists [“AS”], steals [“ST”] and blocks [“BLK”]; “Sum-“ = total of turnovers [“TO”] and personal fouls [“PF”]; and total points scored [“PTS”]) and “per Opportunity” (field goal percentage [FG-%], free throw percentage [FT-%], “SUM+” per Minute [“+PM” or “+M”], “SUM-“ per Minute [“-PM” or “-M”] and points per Minute [“PPM” or “Pt/M”]). As before for both baseball and football, the statistics for the various categories were normalized, then these normalized values were averaged (“Comp” column). For the SUV comparison, two statistics were considered: Cumulative SUV and SUV per Opportunity, again corresponding to both longevity and “per Opportunity,” respectively, and averaged (“Comp” column). The results from the comparison of the normalized statistics are presented below.

### Total Statistics through All Five NCAA Games<sup>a</sup>

NAME	POS	MIN	FG(Made-Attempts-%)	3P(Made-Attempts-%)	FT(Made-Attempts-%)	OREB	REB	AST	ST	BLK	SUM+	+PM	TO	PF	SUM-	-PM	PTS	PPM
Cameron Krutwig	C	109	22 38 0.58	0 0	8 11 0.73	6	24	9	3	2	38	0.35	12	6	18	0.06	52	0.48
Carson Shanks	C	1	0 0	0 0	0 0	0	0	0	0	0	0	0.00	0	0	0	0.00	0	0.00
Christian Negron	F	1	0 0	0 0	0 0	1	1	0	0	0	1	1.00	1	0	1	0.00	0	0.00
Nick DiNardi	F	1	0 0	0 0	0 0	0	0	0	0	0	0	0.00	0	0	0	0.00	0	0.00
Aundre Jackson	F	89	23 40 0.58	1 4 0.25	12 12 1.00	5	12	2	1	1	16	0.18	6	10	16	0.11	59	0.66
Cameron Satterwhite	G	16	0 0	0 0	1 4 0.25	0	3	0	0	1	4	0.25	3	1	4	0.06	1	0.06
Clayton Custer	G	179	23 41 0.56	9 17 0.53	6 8 0.75	1	8	16	7	0	31	0.17	12	8	20	0.04	61	0.34
Lucas Williamson	G	117	8 20 0.40	4 12 0.33	3 7 0.43	4	19	5	1	1	26	0.22	4	9	13	0.08	23	0.20
Ben Richardson	G	168	15 28 0.54	7 17 0.41	4 5 0.80	0	20	19	4	1	44	0.26	6	13	19	0.08	41	0.24
Bruno Skokna	G	25	2 6 0.33	1 3 0.33	0 0	0	2	1	1	0	4	0.16	2	5	7	0.20	5	0.20
Marques Townes	G	147	20 41 0.49	2 8 0.25	12 13 0.92	1	22	14	5	0	41	0.28	12	9	21	0.06	54	0.37
Donte Ingram	G-F	147	13 35 0.37	7 21 0.33	2 5 0.40	2	29	8	0	2	39	0.27	8	11	19	0.07	35	0.24
TOTAL		1000	126 249 0.51	31 82 0.38	48 65 0.74	20	140	74	22	8	244	0.24	66	72	138	0.07	331	0.33

### Composites per Selected Player Based on Nine Total NCAA Statistics

### Composites Based on SUVs

NAME	Min	FG%	FT%	Sum+	+M	Sum-	-M	Pts	Pt/M		Loyola Player	Cumu	SUV/Op	
Cameron Krutwig	109	0.58	0.73	38	0.35	-18	-0.06	52	0.48		Ben Richardson	9.3	0.10	
Aundre Jackson	89	0.58	1.00	16	0.18	-16	-0.11	59	0.66		Lucas Williamson	2.0	0.03	
Clayton Custer	179	0.56	0.75	31	0.17	-20	-0.04	61	0.34		Donte Ingram	0.6	0.01	
Lucas Williamson	117	0.40	0.43	26	0.22	-13	-0.08	23	0.20		Cameron Krutwig	-1.4	-0.01	
Ben Richardson	168	0.54	0.80	44	0.26	-19	-0.08	41	0.24		Clayton Custer	-6.7	-0.07	
Marques Townes	147	0.49	0.92	41	0.28	-21	-0.06	54	0.37		Marques Townes	-8.9	-0.08	
Donte Ingram	147	0.37	0.40	39	0.27	-19	-0.07	35	0.24		Aundre Jackson	-10.7	-0.13	
Mean	136.6	0.50	0.72	33.6	0.25	-18.0	-0.07	46.4	0.36		Mean	-2.3	-0.022	
Std Dev	32.7	0.09	0.23	9.9	0.06	2.7	0.02	14.0	0.16		Std Dev	7.0	0.08	
Normalized									Comp		Normalized		Comp	
Cameron Krutwig	0.20	0.82	0.52	0.67	0.95	0.50	0.78	0.66	0.76	0.65	Ben Richardson	0.95	0.94	0.95
Marques Townes	0.63	0.44	0.81	0.77	0.70	0.13	0.69	0.71	0.52	0.60	Lucas Williamson	0.73	0.76	0.74
Clayton Custer	0.90	0.76	0.55	0.40	0.11	0.23	0.89	0.85	0.45	0.57	Donte Ingram	0.66	0.64	0.65
Ben Richardson	0.83	0.66	0.64	0.85	0.60	0.36	0.40	0.35	0.24	0.55	Cameron Krutwig	0.55	0.54	0.55
Aundre Jackson	0.07	0.81	0.89	0.04	0.14	0.77	0.03	0.82	0.97	0.50	Clayton Custer	0.26	0.26	0.26
Donte Ingram	0.63	0.06	0.08	0.71	0.62	0.36	0.44	0.21	0.23	0.37	Marques Townes	0.17	0.23	0.20
Lucas Williamson	0.27	0.12	0.10	0.22	0.34	0.97	0.41	0.05	0.16	0.29	Aundre Jackson	0.11	0.08	0.10

The results show some significant differences in the rankings, particularly for Townes and Williamson. Townes ranks second using traditional statistics, but sixth using SUV. Williamson is the reverse, second using SUV but seventh for traditional. Richardson also stands out as quite a positive performer using the

<sup>a</sup> Players highlighted in yellow are retained for comparison below based on nine sets of statistics highlighted in red. “Sum+” is an aggregate of “positive” non-scoring statistics, i.e., rebounds (both offensive and defensive), assists, steals and blocks. “Sum-“ is similar, but for “negative” statistics (hence the minus signs), i.e., turnovers and personal fouls. “+M” and “-M” are “Sum+” and “Sum-“ per Minute played, respectively.

SUV. To examine these differences, a pair of sensitivity analyses were performed, focusing on the SUV statistics suspected of playing the primary role in these differences. First, not all missed shots are the same. Missed two-pointers and three-pointers receive an SUV of -1.0. However, missed lay-ups, unless self-assisted, receive an SUV of -1.6, i.e., there is more “negativity” assigned to missing a layup, supposedly the easiest of shots. Second, turnovers, including offensive fouls, are severely penalized, receiving an SUV of -2.0. Third, personal fouls resulting in shots for the opponent also receive more negative SUVs than missed shots (other than self-assisted layups): ranging from -1.2 to -2.1. Finally, missing one free throw (SUV = -0.7) offsets converting a pair (+0.6, or +0.3 each). These “negatives” are not necessarily reflected strongly in traditional statistics, unlike the SUV.

The sensitivity analysis addressed the first two categories: SUV = -1.6 for other than self-assisted missed layup and turnovers. For the first analysis, ALL missed layups were assumed to be self-assisted, reducing the negativity of the SUV from -1.6 to -1.0. The results are shown in the first table. Note that Townes now trades ranks with Custer, with a significantly reduced negative SUV (now only -2.9 vs. previous -8.9). The effect on Williamson is minor. The second analysis further reduces the negativity of a turnover from -2.0 to -1.0 (assigning the remaining -1.0 to “Unassigned”), with the results in the second table. While Custer and Townes switch positions again, note that Townes now acquires a very positive SUV of +8.1. Williamson’s SUV also increases, although the net result since all players experience increases is a drop from second to fourth. Interestingly, both sensitivity analyses preserve Richardson at the top and Jackson at the bottom. Therefore, while aggregation of the traditional statistics appears to suggest all but Ingram and Williamson of being fairly equally positive contributors (Composite normalized statistics in a fairly tight range from 0.50 to 0.65), the SUV Composites show Richardson as a stand-out top performer, with Williamson, Ingram and Krutwig next (range from 0.74 to 0.55), followed by Custer, Townes and Jackson. The differences in ranks are most likely the result of SUV assigning relatively significant “negatives” to detrimental plays, both offensively (missed layups and turnovers) and defensively (fouls that result in opponent free throws).

Loyola Player	Cumu	SUV/Op	All missed layups now -1.0 instead of split of -1.6/+0.6	Loyola Player	Cumu	SUV/Op	All missed layups now -1.0 instead of split of -1.6/+0.6 AND turnovers/offensive fouls now split of -1.0/-1.0 instead of -2.0
Ben Richardson	9.9	0.11		Ben Richardson	15.9	0.17	
Lucas Williamson	2.6	0.04		Cameron Krutwig	14.2	0.14	
Cameron Krutwig	2.2	0.02		Lucas Williamson	6.6	0.10	
Donte Ingram	0.6	0.01		Donte Ingram	8.6	0.09	
Marques Townes	-2.9	-0.03		Clayton Custer	7.7	0.08	
Clayton Custer	-4.3	-0.05		Marques Townes	8.1	0.07	
Aundre Jackson	-4.1	-0.05		Aundre Jackson	1.9	0.02	
Mean	0.6	0.01		Mean	9.0	0.10	
Std Dev	5.0	0.06		Std Dev	4.7	0.05	
Normalized				Comp	Normalized		
Ben Richardson	0.97	0.96	0.97	Ben Richardson	0.93	0.94	0.93
Lucas Williamson	0.66	0.72	0.69	Cameron Krutwig	0.86	0.82	0.84
Cameron Krutwig	0.63	0.60	0.61	Donte Ingram	0.47	0.43	0.45
Donte Ingram	0.50	0.49	0.50	Lucas Williamson	0.31	0.54	0.43
Marques Townes	0.24	0.27	0.26	Clayton Custer	0.39	0.37	0.38
Clayton Custer	0.166	0.167	0.167	Marques Townes	0.42	0.30	0.36
Aundre Jackson	0.176	0.151	0.164	Aundre Jackson	0.07	0.06	0.06

<b>Game 1, Lovola-Chi (64) vs. Miami-FL (62), 03-15-2018</b>		<b>Custer</b>	<b>Ingram</b>	<b>Jackson</b>	<b>Krutwig</b>	<b>Negron</b>	<b>Richardson</b>	<b>Satterwhite</b>	<b>Skokna</b>	<b>Townes</b>	<b>Williamson</b>	<b>Unassigned</b>	<b>Team</b>
Donte Ingram defensive rebound	19:33		1.0										1.0
Marques Townes misses three point jump shot	19:14									-1.0			-1.0
<b>Cameron Krutwig makes two point driving layup</b>	18:23				1.0								1.0
<b>Cameron Krutwig makes two point layup</b>	17:40				1.0								1.0
Ben Richardson defensive rebound	17:05						1.0						1.0
Ben Richardson turnover (lost ball) (Chris Lykes steals)	17:00						-2.0						-2.0
<b>Clayton Custer makes three point jump shot (Ben Richardson assists)</b>	16:40	1.0					1.0						2.0
Ben Richardson defensive rebound	16:18						1.0						1.0
<b>Donte Ingram makes three point jump shot (Ben Richardson assists)</b>	16:14		1.0				1.0						2.0
Donte Ingram defensive rebound	15:41		1.0										1.0
Donte Ingram turnover (Anthony Lawrence Jr. steals)	15:36		-2.0										-2.0
Ben Richardson shooting foul (Chris Lykes draws the foul) - 2 shots	15:31						-1.4						-1.4
Marques Townes offensive foul (Chris Lykes draws the foul) - no shot	15:11									-2.0			-2.0
<b>Aundre Jackson makes two point layup (Clayton Custer assists)</b>	14:34	0.6		0.4									1.0
<b>Donte Ingram makes two point pullup jump shot</b>	14:02		1.0										1.0
Donte Ingram misses two point jump shot	13:05		-1.0										-1.0
Marques Townes shooting foul (Ebuka Izundu draws the foul) - 2 shots	12:40									-1.4			-1.4
Lucas Williamson defensive rebound	12:40										1.0		1.0
Donte Ingram misses three point jump shot	12:14		-1.0										-1.0
<b>Cameron Krutwig makes two point layup (Clayton Custer assists)</b>	11:19	0.6			0.4								1.0
Cameron Krutwig turnover (lost ball) (Sam Waardenburg steals)	10:32				-2.0								-2.0
Cameron Satterwhite turnover (bad pass) (Ebuka Izundu steals)	9:58							-2.0					-2.0
Cameron Krutwig defensive rebound	9:42				1.0								1.0
Sam Waardenburg blocks Cameron Krutwig's two point layup ( <i>Unassigned assist credited</i> )	9:33				-1.6							0.6	-1.0
<b>Aundre Jackson makes two point layup (Ben Richardson assists)</b>	9:18			0.4			0.6						1.0
Dewan Huell blocks Aundre Jackson's two point layup ( <i>Unassigned assist credited</i> )	8:40			-1.6								0.6	-1.0

Game 1, Lovola-Chi (64) vs. Miami-FL (62), 03-15-2018		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Clayton Custer misses two point jump shot	8:12	-1.0											-1.0
Donte Ingram defensive rebound	7:46		1.0										1.0
<b>Aundre Jackson makes two point layup (Clayton Custer assists)</b>	7:33	0.6		0.4									1.0
Clayton Custer misses two point jump shot	6:54	-1.0											-1.0
Ben Richardson shooting foul (Ja'Quan Newton draws the foul) - +1 shot after score	6:37						-0.7						-0.7
Donte Ingram misses two point pullup jump shot	6:21		-1.0										-1.0
Lucas Williamson defensive rebound	5:52										1.0		1.0
Lucas Williamson misses regular free throw 1 of 2	5:45										-0.7		-0.7
Lucas Williamson misses regular free throw 2 of 2	5:45										-0.7		-0.7
Aundre Jackson offensive rebound	5:45			1.0									1.0
Dewan Huell blocks Donte Ingram's two point jump shot	5:24		-1.0										-1.0
Donte Ingram offensive rebound	5:22		1.0										1.0
Lucas Williamson turnover (bad pass)	5:10										-2.0		-2.0
Cameron Satterwhite defensive rebound	4:54							1.0					1.0
Cameron Satterwhite turnover (lost ball) (Ja'Quan Newton steals)	4:47							-2.0					-2.0
<b>Cameron Krutwig makes two point layup (Clayton Custer assists)</b>	4:07	0.6			0.4								1.0
Marques Townes defensive rebound	3:43									1.0			1.0
<b>Marques Townes makes two point driving layup</b>	3:36									1.0			1.0
Donte Ingram misses three point jump shot	2:49		-1.0										-1.0
Clayton Custer personal foul (Dejan Vasiljevic draws the foul) - no shot	2:40	-0.2											-0.2
<b>Bruno Skokna makes two point driving layup (Cameron Krutwig assists)</b>	2:16				0.6				0.4				1.0
Bruno Skokna shooting foul (Dewan Huell draws the foul) - 1 and 1	1:41								-1.2				-1.2
Donte Ingram defensive rebound	1:41		1.0										1.0
Aundre Jackson misses three point jump shot	1:15			-1.0									-1.0
Donte Ingram personal foul (Chris Lykes draws the foul) - 2 shots	0:52		-1.4										-1.4
Aundre Jackson misses three point jump shot	0:42			-1.0									-1.0
Lucas Williamson offensive rebound	0:40										1.0		1.0
<b>Lucas Williamson makes two point putback layup</b>	0:37										1.0		1.0
<b>Cumulatives (Half)</b>		1.2	-1.4	-1.4	0.8	0.0	0.5	-3.0	-0.8	-2.4	0.6	1.2	-4.7
<b>Number of Opportunities (Half)</b>		8	14	7	8	0	8	3	2	5	7	2	54

<b>Game 1, Lovola-Chi (64) vs. Miami-FL (62), 03-15-2018</b>		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Donte Ingram misses three point jump shot	19:38		-1.0										-1.0
Clayton Custer misses two point driving layup ( <i>Self-assist credited</i> )	18:49	-1.0											-1.0
Cameron Krutwig defensive rebound	18:38				1.0								1.0
Clayton Custer misses three point jump shot	18:37	-1.0											-1.0
Cameron Krutwig offensive rebound	18:35				1.0								1.0
<b>Cameron Krutwig makes regular free throw 1 of 2</b>	18:31				0.3								0.3
Cameron Krutwig misses regular free throw 2 of 2	18:31				-0.7								-0.7
<b>Clayton Custer makes three point jump shot (Donte Ingram assists)</b>	17:40	1.0	1.0										2.0
Donte Ingram misses three point jump shot	16:55		-1.0										-1.0
Clayton Custer personal foul (Lonnie Walker draws the foul) - no shot	16:41	-0.2											-0.2
Ben Richardson misses three point jump shot	16:04						-1.0						-1.0
Aundre Jackson misses two point layup ( <i>Unassigned assist credited</i> )	15:26			-1.6								0.6	-1.0
<b>Marques Townes makes two point layup (Ben Richardson assists)</b>	15:12						0.6			0.4			1.0
<b>Aundre Jackson makes two point reverse layup (Ben Richardson assists)</b>	14:23			0.4			0.6						1.0
<b>Marques Townes makes two point reverse layup (Ben Richardson assists)</b>	13:31						0.6			0.4			1.0
Ben Richardson defensive rebound	13:05						1.0						1.0
Lucas Williamson offensive foul (Dewan Huell draws the foul) - no shot	12:57										-2.0		-2.0
Aundre Jackson personal foul - no shot	12:43			-0.2									-0.2
Clayton Custer defensive rebound	12:28	1.0											1.0
<b>Aundre Jackson makes two point layup (Lucas Williamson assists)</b>	12:21			0.4							0.6		1.0
Lucas Williamson shooting foul (Ebuka Izundu draws the foul) - 2 shots	11:56										-1.4		-1.4
<b>Lucas Williamson makes three point jump shot (Donte Ingram assists)</b>	11:41		1.0								1.0		2.0
Ebuka Izundu blocks Lucas Williamson's two point driving layup ( <i>Self-assist credited</i> )	11:02										-1.0		-1.0
<b>Clayton Custer makes two point driving layup</b>	10:50	1.0											1.0
Donte Ingram defensive rebound	10:31		1.0										1.0
Cameron Krutwig turnover (Chris Lykes steals)	10:05				-2.0								-2.0
Lucas Williamson defensive rebound	9:46										1.0		1.0

Game 1, Lovola-Chi (64) vs. Miami-FL (62), 03-15-2018		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Lucas Williamson misses three point jump shot	9:34										-1.0		-1.0
Donte Ingram makes three point jump shot (Ben Richardson assists)	8:33		1.0				1.0						2.0
Clayton Custer makes three point jump shot (Lucas Williamson assists)	7:51	1.0									1.0		2.0
Donte Ingram makes two point jump shot (Marques Townes assists)	7:01		0.5							0.5			1.0
Lonnie Walker blocks Marques Townes's two point layup (Unassigned assist credited)	6:32									-1.6		0.6	-1.0
Ramblers offensive rebound	6:30											1.0	1.0
Ja'Quan Newton blocks Aundre Jackson's two point layup (Unassigned assist credited)	6:14			-1.6								0.6	-1.0
Ramblers offensive rebound	6:12											1.0	1.0
Clayton Custer misses three point jump shot	6:07	-1.0											-1.0
Dewan Huell blocks Aundre Jackson's two point driving layup (Unassigned assist credited)	5:39			-1.6								0.6	-1.0
Ben Richardson defensive rebound	5:31						1.0						1.0
Donte Ingram misses three point jump shot	5:09		-1.0										-1.0
Ramblers offensive rebound	5:07											1.0	1.0
Marques Townes turnover (Anthony Lawrence Jr. steals)	4:55									-2.0			-2.0
Aundre Jackson makes two point turnaround jump shot	4:24			1.0									1.0
Donte Ingram misses two point pullup jump shot	3:47		-1.0										-1.0
Aundre Jackson shooting foul (Dewan Huell draws the foul) - 2 shots	3:28			-1.4									-1.4
Donte Ingram defensive rebound	3:28		1.0										1.0
Marques Townes misses three point jump shot	3:14									-1.0			-1.0
Cameron Krutwig makes regular free throw 1 of 2	2:29				0.3								0.3
Cameron Krutwig makes regular free throw 2 of 2	2:29				0.3								0.3
Donte Ingram misses regular free throw 1 of 1	1:50		-0.7										-0.7
Marques Townes personal foul (Chris Lykes draws the foul) - no shot	1:49									-0.2			-0.2
Clayton Custer makes three point jump shot (Ben Richardson assists)	1:13	1.0					1.0						2.0
Marques Townes misses regular free throw 1 of 2	0:26									-0.7			-0.7
Marques Townes makes regular free throw 2 of 2	0:26									0.3			0.3
Marques Townes misses two point layup (Unassigned assist credited)	0:15									-1.6		0.6	-1.0





<b>Game 2, Lovola-Chi (63) vs. Tennessee (62), 03-17-2018</b>		<b>Custer</b>	<b>Ingram</b>	<b>Jackson</b>	<b>Krutwig</b>	<b>Negron</b>	<b>Richardson</b>	<b>Satterwhite</b>	<b>Skokna</b>	<b>Townes</b>	<b>Williamson</b>	<b>Unassigned</b>	<b>Team</b>
Aundre Jackson defensive rebound	2:27			1.0									1.0
Aundre Jackson misses three point jump shot	2:01			-1.0									-1.0
Aundre Jackson offensive rebound	1:59			1.0									1.0
<b>Aundre Jackson makes regular free throw 1 of 2</b>	1:49			0.3									0.3
<b>Aundre Jackson makes regular free throw 2 of 2</b>	1:49			0.3									0.3
Ben Richardson personal foul (Grant Williams draws the foul) - 1 and 1	1:31						-1.2						-1.2
Marques Townes defensive rebound	1:31									1.0			1.0
Grant Williams blocks Donte Ingram's two point jump shot	1:02		-1.0										-1.0
Donte Ingram misses three point jump shot	0:02		-1.0										-1.0
<b>Cumulatives (Half)</b>		-1.4	-3.7	1.6	0.5	0.0	-1.4	0.0	-0.4	1.8	2.6	2.0	1.6
<b>Number of Opportunities (Half)</b>		8	9	14	7	0	8	0	2	9	5	2	54
Cameron Krutwig misses two point layup <i>(Unassigned assist credited)</i>	19:31				-1.6							0.6	-1.0
Cameron Krutwig misses regular free throw 1 of 2	18:57				-0.7								-0.7
<b>Cameron Krutwig makes regular free throw 2 of 2</b>	18:57				0.3								0.3
Cameron Krutwig defensive rebound after block	18:39				1.0								1.0
Marques Townes misses three point jump shot	18:26									-1.0			-1.0
Donte Ingram defensive rebound	18:01		1.0										1.0
<b>Marques Townes makes two point reverse layup</b>	17:52									1.0			1.0
<b>Clayton Custer makes three point jump shot (Donte Ingram assists)</b>	17:20	1.0	1.0										2.0
<b>Donte Ingram makes three point pullup jump shot</b>	16:56		2.0										2.0
Clayton Custer shooting foul (Jordan Bowden draws the foul) - 2 shots	16:39	-1.4											-1.4
Ben Richardson defensive rebound	16:39						1.0						1.0
Cameron Krutwig offensive foul (Grant Williams draws the foul)	16:15				-2.0								-2.0
Donte Ingram misses three point jump shot	15:35		-1.0										-1.0
<b>Ben Richardson makes two point jump shot (Clayton Custer assists)</b>	14:45	0.5					0.5						1.0
Ramblers turnover (shot clock violation)	13:48											-2.0	-2.0
Aundre Jackson personal foul (Derrick Walker draws the foul) - no shot	13:36			-0.2									-0.2
Cameron Krutwig personal foul (Derrick Walker draws the foul) - no shot	13:26				-0.2								-0.2
<b>Lucas Williamson makes three point jump shot (Cameron Krutwig assists)</b>	12:26				1.0						1.0		2.0

Game 2, Lovola-Chi (63) vs. Tennessee (62), 03-17-2018		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Ramblers defensive rebound	12:04											1.0	1.0
<b>Aundre Jackson makes two point layup (Cameron Krutwig assists)</b>	11:42			0.4	0.6								1.0
Aundre Jackson misses two point layup <i>(Unassigned assist credited)</i>	11:01			-1.6								0.6	-1.0
Lucas Williamson defensive rebound	10:48										1.0		1.0
<b>Cameron Krutwig makes two point jump shot</b>	10:36				1.0								1.0
Marques Townes defensive rebound	10:10									1.0			1.0
<b>Bruno Skokna makes three point jump shot (Marques Townes assists)</b>	10:03								1.0	1.0			2.0
Aundre Jackson personal foul (Grant Williams draws the foul) - no shot	9:43			-0.2									-0.2
Cameron Krutwig misses two point layup <i>(Unassigned assist credited)</i>	9:03				-1.6							0.6	-1.0
Ben Richardson misses three point jump shot	8:15						-1.0						-1.0
Clayton Custer defensive rebound	7:51	1.0											1.0
<b>Donte Ingram makes three point jump shot (Ben Richardson assists)</b>	7:31		1.0				1.0						2.0
Cameron Krutwig misses two point layup <i>(Unassigned assist credited)</i>	6:55				-1.6							0.6	-1.0
Ramblers offensive rebound	6:54											1.0	1.0
Donte Ingram misses regular free throw 1 of 2	6:47		-0.7										-0.7
Donte Ingram misses regular free throw 2 of 2	6:47		-0.7										-0.7
Donte Ingram misses two point jump shot	5:56		-1.0										-1.0
Lucas Williamson offensive rebound	5:54										1.0		1.0
Lucas Williamson misses two point layup <i>(Williamson assumed to self-assist)</i>	5:48										-1.0		-1.0
Marques Townes defensive rebound	5:03									1.0			1.0
<b>Lucas Williamson makes regular free throw 1 of 2</b>	4:44										0.3		0.3
Lucas Williamson misses regular free throw 2 of 2	4:44										-0.7		-0.7
Marques Townes offensive rebound	4:44									1.0			1.0
<b>Aundre Jackson makes regular free throw 1 of 2</b>	4:26			0.3									0.3
<b>Aundre Jackson makes regular free throw 2 of 2</b>	4:26			0.3									0.3
Aundre Jackson defensive rebound	4:10			1.0									1.0
<b>Aundre Jackson makes two point layup (Ben Richardson assists)</b>	4:03			0.4			0.6						1.0
Marques Townes makes regular free throw 1 of 2	3:25									0.3			0.3
Marques Townes makes regular free throw 2 of 2	3:25									0.3			0.3

<b>Game 2, Lovola-Chi (63) vs. Tennessee (62), 03-17-2018</b>		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Ben Richardson misses regular free throw 1 of 2	2:46						-0.7						-0.7
<b>Ben Richardson makes regular free throw 2 of 2</b>	2:46						0.3						0.3
Aundre Jackson turnover (lost ball) (Lamonte Turner steals)	2:01			-2.0									-2.0
Grant Williams blocks Marques Townes's two point jump shot	1:22									-1.0			-1.0
Marques Townes defensive rebound	1:02									1.0			1.0
Aundre Jackson turnover (bad pass) (Jordan Bowden steals)	0:34			-2.0									-2.0
Aundre Jackson shooting foul (Grant Williams draws the foul) - +1 shot after score	0:20			-0.7									-0.7
Clayton Custer makes two point pullup jump shot	0:05	1.0											1.0
<b>Cumulatives (Half)</b>		2.1	1.6	-4.3	-3.8	0.0	1.7	0.0	1.0	4.6	1.6	2.4	6.9
<b>Number of Opportunities (Half)</b>		5	8	11	11	0	7	0	1	10	6	7	55
<b>Cumulatives (Game)</b>		0.7	-2.1	-2.7	-3.3	0.0	0.3	0.0	0.6	6.4	4.2	4.4	8.5
<b>Number of Opportunities (Game)</b>		13	17	25	18	0	15	0	3	19	11	9	109
<b>SUV per Opportunity (Game)</b>		0.05	-0.12	-0.11	-0.18		0.02		0.20	0.34	0.38	0.49	0.08
<b>Cumulatives (Game 1)</b>		3.0	0.4	-6.0	1.0	0.0	6.3	-3.0	-0.8	-8.1	-1.2	7.2	-1.2
<b>Number of Opportunities (Game 1)</b>		17	26	15	17	0	17	3	2	17	15	10	113
<b>Cumulatives (Thru 2 Games)</b>		3.7	-1.7	-8.7	-2.3	0.0	6.6	-3.0	-0.2	-1.7	3.0	11.6	7.3
<b>Number of Opportunities (Thru 2 Games)</b>		30	43	40	35	0	32	3	5	36	26	19	222
<b>SUV per Opportunity (Thru 2 Games)</b>		0.12	-0.04	-0.22	-0.07		0.21	-1.00	-0.04	-0.05	0.12	0.61	0.03
<b>Game 3, Lovola-Chi (69) vs. Nevada (68), 03-22-2018</b>		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Cameron Krutwig makes two point layup (Donte Ingram assists)	19:10		0.6		0.4								1.0
Cameron Krutwig makes two point layup (Ben Richardson assists)	18:25				0.4		0.6						1.0
Marques Townes misses two point layup (Unassigned assist credited)	17:48									-1.6		0.6	-1.0
Clayton Custer defensive rebound	17:40	1.0											1.0
Donte Ingram misses three point jump shot	17:32		-1.0										-1.0
Cameron Krutwig defensive rebound	17:18				1.0								1.0
Cameron Krutwig misses two point layup (Unassigned assist credited)	17:04				-1.6							0.6	-1.0
Cameron Krutwig shooting foul (Jordan Caroline draws the foul) - 2 shots	16:33				-1.4								-1.4
Jordan Caroline blocks Aundre Jackson's two point layup (Unassigned assist credited)	16:16			-1.6								0.6	-1.0
Ben Richardson misses three point jump shot	15:46						-1.0						-1.0

Game 3, Lovola-Chi (69) vs. Nevada (68), 03-22-2018		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Caleb Martin blocks Aundre Jackson's two point layup ( <i>Unassigned assist credited</i> )	15:18			-1.6								0.6	-1.0
Aundre Jackson offensive rebound	15:16			1.0									1.0
<b>Aundre Jackson makes two point layup</b>	15:07			1.0									1.0
<b>Clayton Custer makes two point layup</b>	14:28	1.0											1.0
Ben Richardson shooting foul (Jordan Caroline draws the foul) - 2 shots	14:08						-1.4						-1.4
Jump ball. (Ramblers gains possession)	13:55											1.0	1.0
Clayton Custer misses regular free throw 1 of 2	13:54	-0.7											-0.7
Clayton Custer misses regular free throw 2 of 2	13:54	-0.7											-0.7
Caleb Martin blocks Lucas Williamson's two point layup ( <i>Unassigned assist credited</i> )	13:17										-1.6	0.6	-1.0
<b>Cameron Krutwig makes two point layup</b>	12:45				1.0								1.0
Marques Townes defensive rebound	12:23									1.0			1.0
<b>Marques Townes makes regular free throw 1 of 2</b>	12:11									0.3			0.3
<b>Marques Townes makes regular free throw 2 of 2</b>	12:11									0.3			0.3
Cameron Krutwig misses two point hook shot	11:31				-1.0								-1.0
Marques Townes defensive rebound	11:16									1.0			1.0
<b>Marques Townes makes two point layup</b>	10:58									1.0			1.0
Marques Townes turnover (bad pass) (Caleb Martin steals)	10:08									-2.0			-2.0
Bruno Skokna defensive rebound	9:56								1.0				1.0
Marques Townes misses two point layup ( <i>Unassigned assist credited</i> )	9:56									-1.6		0.6	-1.0
Bruno Skokna misses two point layup ( <i>Unassigned assist credited</i> )	9:40								-1.6			0.6	-1.0
Cameron Krutwig offensive rebound	9:38				1.0								1.0
<b>Cameron Krutwig makes two point tip shot</b> ( <i>Unassigned shooter credited</i> )	9:35				0.6							0.4	1.0
Ben Richardson defensive rebound	9:16						1.0						1.0
Bruno Skokna misses three point jump shot	9:08								-1.0				-1.0
Cameron Satterwhite defensive rebound	8:50							1.0					1.0
Bruno Skokna turnover (bad pass) (Josh Hall steals)	8:43								-2.0				-2.0
Bruno Skokna personal foul (Josh Hall draws the foul) - no shot	8:43								-0.2				-0.2
Cameron Krutwig defensive rebound	8:07				1.0								1.0
Ben Richardson turnover (bad pass) (Hallice Cooke steals)	8:00						-2.0						-2.0

Game 3, Lovola-Chi (69) vs. Nevada (68), 03-22-2018		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Clayton Custer makes three point jump shot (Cameron Krutwig assists)	7:33	1.0			1.0								2.0
Cameron Satterwhite defensive rebound	6:48							1.0					1.0
Aundre Jackson misses two point layup (Unassigned assist credited)	6:44			-1.6								0.6	-1.0
Aundre Jackson defensive rebound	6:34			1.0									1.0
Cameron Krutwig offensive foul	6:26				-2.0								-2.0
Clayton Custer misses three point jump shot	5:50	-1.0											-1.0
Donte Ingram defensive rebound	5:29		1.0										1.0
Clayton Custer turnover (bad pass) (Jordan Caroline steals)	5:20	-2.0											-2.0
Caleb Martin blocks Aundre Jackson's two point layup (Unassigned assist credited)	5:01			-1.6								0.6	-1.0
Ramblers offensive rebound	4:57											1.0	1.0
Donte Ingram misses two point jump shot	4:52		-1.0										-1.0
Clayton Custer defensive rebound	4:32	1.0											1.0
Cody Martin blocks Aundre Jackson's two point layup (Unassigned assist credited)	4:23			-1.6								0.6	-1.0
Ramblers offensive rebound	4:23											1.0	1.0
Clayton Custer makes two point layup	4:11	1.0											1.0
Lucas Williamson personal foul (Caleb Martin draws the foul) - no shot	3:49										-0.2		-0.2
Clayton Custer turnover (out of bounds)	3:15	-2.0											-2.0
Clayton Custer makes two point layup	2:57	1.0											1.0
Lucas Williamson defensive rebound	2:40										1.0		1.0
Marques Townes makes regular free throw 1 of 2	2:16									0.3			0.3
Marques Townes makes regular free throw 2 of 2	2:16									0.3			0.3
Marques Townes misses two point layup (Unassigned assist credited)	1:40									-1.6		0.6	-1.0
Ramblers defensive rebound	1:10											1.0	1.0
Marques Townes makes three point jump shot (Clayton Custer assists)	0:42	1.0								1.0			2.0
Lucas Williamson personal foul (Cody Martin draws the foul) - no shot	0:11										-0.2		-0.2
Donte Ingram defensive rebound	0:01		1.0										1.0
<b>Cumulatives (Half)</b>		0.6	0.6	-5.0	0.4	0.0	-2.8	2.0	-3.8	-1.6	-1.0	11.0	0.4
<b>Number of Opportunities (Half)</b>		12	5	8	12	0	5	2	5	12	4	16	65
Marques Townes makes two point layup	19:19									1.0			1.0



<b>Game 3, Lovola-Chi (69) vs. Nevada (68), 03-22-2018</b>		<b>Custer</b>	<b>Ingram</b>	<b>Jackson</b>	<b>Krutwig</b>	<b>Negron</b>	<b>Richardson</b>	<b>Satterwhite</b>	<b>Skokna</b>	<b>Townes</b>	<b>Williamson</b>	<b>Unassigned</b>	<b>Team</b>
Ben Richardson misses three point jump shot	9:11						-1.0						-1.0
Ramblers turnover (shot clock violation)	8:21											-2.0	-2.0
Lucas Williamson defensive rebound	8:06										1.0		1.0
<b>Clayton Custer makes two point layup</b>	7:46	1.0											1.0
Marques Townes turnover (lost ball) (Jordan Caroline steals)	7:09									-2.0			-2.0
Lucas Williamson misses three point jump shot	6:29										-1.0		-1.0
Ben Richardson shooting foul (Cody Martin draws the foul) - 2 shots	6:19						-1.4						-1.4
Clayton Custer turnover (bad pass) (Cody Martin steals)	6:08	-2.0											-2.0
Lucas Williamson misses three point jump shot	5:31										-1.0		-1.0
Aundre Jackson offensive rebound	5:29			1.0									1.0
Aundre Jackson turnover (lost ball) (Cody Martin steals)	5:18			-2.0									-2.0
<b>Ben Richardson makes two point layup</b>	4:54						1.0						1.0
Clayton Custer misses two point layup ( <i>Unassigned assist credited</i> )	4:11	-1.6										0.6	-1.0
Ben Richardson misses three point jump shot	3:37						-1.0						-1.0
Ramblers defensive rebound	3:18											1.0	1.0
<b>Aundre Jackson makes three point jump shot (Clayton Custer assists)</b>	2:59	1.0		1.0									2.0
Donte Ingram shooting foul (Jordan Caroline draws the foul) - 2 shots	2:38		-1.4										-1.4
Marques Townes misses two point layup ( <i>Unassigned assist credited</i> )	2:11									-1.6		0.6	-1.0
Ramblers offensive rebound	2:10											1.0	1.0
<b>Aundre Jackson makes two point layup (Ben Richardson assists)</b>	1:46			0.4			0.6						1.0
Clayton Custer turnover (lost ball) (Cody Martin steals)	1:03	-2.0											-2.0
Marques Townes defensive rebound	0:47									1.0			1.0
<b>Aundre Jackson makes regular free throw 1 of 2</b>	0:41			0.3									0.3
<b>Aundre Jackson makes regular free throw 2 of 2</b>	0:41			0.3									0.3
Ben Richardson personal foul (Cody Martin draws the foul) - 2 shots	0:36						-1.4						-1.4
<b>Marques Townes makes three point jump shot (Clayton Custer assists)</b>	0:06	1.0								1.0			2.0
<b>Cumulatives (Half)</b>		0.3	-4.4	4.4	0.6	0.0	0.6	0.0	-1.4	1.1	-1.0	1.2	1.4

<b>Game 3, Lovola-Chi (69) vs. Nevada (68), 03-22-2018</b>		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Number of Opportunities (Half)		11	4	10	3	0	12	0	2	15	6	5	55
Cumulatives (Game)		0.9	-3.8	-0.6	1.0	0.0	-2.2	2.0	-5.2	-0.5	-2.0	12.2	1.8
Number of Opportunities (Game)		23	9	18	15	0	17	2	7	27	10	21	120
SUV per Opportunity (Game)		0.04	-0.42	-0.03	0.07		-0.13	1.00	-0.74	-0.02	-0.20	0.58	0.02
Cumulatives (Thru 2 Games)		3.7	-1.7	-8.7	-2.3	0.0	6.6	-3.0	-0.2	-1.7	3.0	11.6	7.3
Number of Opportunities (Thru 2 Games)		30	43	40	35	0	32	3	5	36	26	19	222
Cumulatives (Thru 3 Games)		4.6	-5.5	-9.3	-1.3	0.0	4.4	-1.0	-5.4	-2.2	1.0	23.8	9.1
Number of Opportunities (Thru 3 Games)		53	52	58	50	0	49	5	12	63	36	40	342
SUV per Opportunity (Thru 3 Games)		0.09	-0.11	-0.16	-0.03		0.09	-0.20	-0.45	-0.03	0.03	0.60	0.03

<b>Game 4, Lovola-Chi (78) vs. KS St. (62), 03-24-2018</b>		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Marques Townes defensive rebound	19:04									1.0			1.0
Clayton Custer misses two point jump shot	18:55	-1.0											-1.0
Ben Richardson defensive rebound	18:33						1.0						1.0
Cameron Krutwig misses two point hook shot	18:24				-1.0								-1.0
Donte Ingram defensive rebound	17:59		1.0										1.0
Marques Townes turnover (lost ball)	17:53									-2.0			-2.0
Clayton Custer makes two point layup	17:21	1.0											1.0
Ben Richardson makes three point jump shot (Donte Ingram assists)	16:30		1.0				1.0						2.0
Cameron Krutwig defensive rebound	16:05				1.0								1.0
Marques Townes makes two point jump shot	15:48									1.0			1.0
Cameron Krutwig defensive rebound	15:26				1.0								1.0
Donte Ingram makes three point jump shot (Marques Townes assists)	15:10		1.0							1.0			2.0
Clayton Custer defensive rebound	14:36	1.0											1.0
Ben Richardson makes three point jump shot (Lucas Williamson assists)	14:27						1.0				1.0		2.0
Clayton Custer turnover (bad pass) (Barry Brown steals)	13:58	-2.0											-2.0
Ben Richardson makes two point layup	13:09						1.0						1.0
Donte Ingram defensive rebound	12:37		1.0										1.0
Aundre Jackson makes two point layup	12:16			1.0									1.0
Cameron Satterwhite turnover (bad pass) (Makol Mawien steals)	11:38							-2.0					-2.0
Marques Townes makes two point layup (Cameron Krutwig assists)	11:01				0.6					0.4			1.0

Game 4, Lovola-Chi (78) vs. KS St. (62), 03-24-2018		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Cameron Krutwig defensive rebound	10:40				1.0								1.0
Cameron Krutwig turnover (traveling)	10:23				-2.0								-2.0
<b>Lucas Williamson makes two point layup</b>	9:44										1.0		1.0
Donte Ingram defensive rebound	9:17		1.0										1.0
Lucas Williamson misses three point jump shot	8:58										-1.0		-1.0
Cameron Krutwig offensive rebound	8:56				1.0								1.0
<b>Cameron Krutwig makes two point hook shot</b>	8:54				1.0								1.0
Clayton Custer personal foul (Barry Brown draws the foul) - no shot	8:40	-0.2											-0.2
Donte Ingram misses three point jump shot	8:11		-1.0										-1.0
Audre Jackson turnover (bad pass)	7:36			-2.0									-2.0
Marques Townes misses two point jump shot	6:58									-1.0			-1.0
Marques Townes shooting foul (Levi Stockard III draws the foul) - 2 shots	6:38									-1.4			-1.4
Audre Jackson defensive rebound	6:38			1.0									1.0
<b>Audre Jackson makes two point layup</b>	6:17			1.0									1.0
Audre Jackson shooting foul (Barry Brown draws the foul) - +1 shot after score	5:55			-0.7									-0.7
Lucas Williamson misses three point jump shot	5:38										-1.0		-1.0
Clayton Custer offensive rebound	5:36	1.0											1.0
Marques Townes misses two point layup <i>(Unassigned assist credited)</i>	5:31									-1.6		0.6	-1.0
Audre Jackson personal foul (Barry Brown draws the foul) - no shot	5:17			-0.2									-0.2
Lucas Williamson defensive rebound	5:00										1.0		1.0
<b>Lucas Williamson makes two point layup (Clayton Custer assists)</b>	4:31	0.6									0.4		1.0
<b>Lucas Williamson makes regular free throw 1 of 1</b>	4:31										0.3		0.3
Cameron Satterwhite personal foul (Barry Brown draws the foul) - no shot	4:19							-0.2					-0.2
Cameron Krutwig defensive rebound	3:59				1.0								1.0
Cameron Krutwig misses two point hook shot	3:40				-1.0								-1.0
Ben Richardson misses three point jump shot	3:18						-1.0						-1.0
Ben Richardson personal foul (Barry Brown draws the foul) - no shot	2:53						-0.2						-0.2
Ben Richardson defensive rebound	2:43						1.0						1.0
<b>Cameron Krutwig makes two point layup (Ben Richardson assists)</b>	2:19				0.4		0.6						1.0



Game 4, Lovola-Chi (78) vs. KS St. (62), 03-24-2018		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Audre Jackson makes two point layup (Ben Richardson assists)	13:23			0.4			0.6						1.0
Marques Townes defensive rebound	12:59									1.0			1.0
Donte Ingram turnover (bad pass) (Makol Mawien steals)	12:38		-2.0										-2.0
Clayton Custer turnover (bad pass)	12:14	-2.0											-2.0
Marques Townes turnover (bad pass)	11:49									-2.0			-2.0
Lucas Williamson shooting foul (Mike McGuirl draws the foul) - +1 shot after score	11:31										-0.7		-0.7
Ben Richardson makes three point jump shot (Marques Townes assists)	11:15						1.0			1.0			2.0
Marques Townes makes two point layup (Ben Richardson assists)	10:55						0.6			0.4			1.0
Cameron Krutwig defensive rebound	10:42				1.0								1.0
Cameron Krutwig misses two point jump shot	10:16				-1.0								-1.0
Marques Townes defensive rebound	10:05									1.0			1.0
Lucas Williamson makes two point layup	9:36										1.0		1.0
Ben Richardson defensive rebound	9:22						1.0						1.0
Marques Townes turnover (lost ball)	9:14									-2.0			-2.0
Audre Jackson defensive rebound	9:02			1.0									1.0
Ben Richardson misses two point layup (Unassigned assist credited)	8:57						-1.6					0.6	-1.0
Clayton Custer misses two point layup (Unassigned assist credited)	8:24	-1.6										0.6	-1.0
Ben Richardson defensive rebound	8:09						1.0						1.0
Donte Ingram misses three point jump shot	7:48		-1.0										-1.0
Lucas Williamson personal foul (Cartier Diarra draws the foul) - no shot	7:39										-0.2		-0.2
Lucas Williamson defensive rebound	7:30										1.0		1.0
Clayton Custer turnover (bad pass) (Amaad Wainright steals)	7:02	-2.0											-2.0
Lucas Williamson misses three point jump shot	6:24										-1.0		-1.0
Lucas Williamson personal foul (Barry Brown draws the foul) - no shot	6:13										-0.2		-0.2
Xavier Sneed blocks Clayton Custer's two point layup (Unassigned assist credited)	5:51	-1.6										0.6	-1.0
Donte Ingram defensive rebound	5:42		1.0										1.0
Donte Ingram turnover (traveling)	5:19		-2.0										-2.0
Ben Richardson makes three point jump shot (Clayton Custer assists)	4:54	1.0					1.0						2.0

<b>Game 4, Lovola-Chi (78) vs. KS St. (62), 03-24-2018</b>		<b>Custer</b>	<b>Ingram</b>	<b>Jackson</b>	<b>Krutwig</b>	<b>Negron</b>	<b>Richardson</b>	<b>Satterwhite</b>	<b>Skokna</b>	<b>Townes</b>	<b>Williamson</b>	<b>Unassigned</b>	<b>Team</b>
Marques Townes personal foul (Kamau Stokes draws the foul) - 2 shots	4:40									-1.4			-1.4
Ben Richardson turnover (bad pass) (Amaad Wainright steals)	4:30						-2.0						-2.0
Clayton Custer misses three point jump shot	3:34	-1.0											-1.0
Lucas Williamson defensive rebound	3:12										1.0		1.0
<b>Marques Townes makes regular free throw 1 of 2</b>	2:58									0.3			0.3
<b>Marques Townes makes regular free throw 2 of 2</b>	2:58									0.3			0.3
Marques Townes defensive rebound	2:43									1.0			1.0
<b>Marques Townes makes two point layup (Lucas Williamson assists)</b>	2:33									0.4	0.6		1.0
<b>Marques Townes makes regular free throw 1 of 1</b>	2:33									0.3			0.3
Lucas Williamson personal foul (Kamau Stokes draws the foul) - 2 shots	2:32										-1.4		-1.4
Donte Ingram turnover (lost ball) (Barry Brown steals)	2:12		-2.0										-2.0
Donte Ingram personal foul (Barry Brown draws the foul) - 2 shots	2:07		-1.4										-1.4
Lucas Williamson defensive rebound	2:07										1.0		1.0
<b>Ben Richardson makes regular free throw 1 of 2</b>	2:03						0.3						0.3
<b>Ben Richardson makes regular free throw 2 of 2</b>	2:03						0.3						0.3
<b>Marques Townes makes regular free throw 1 of 2</b>	1:42									0.3			0.3
<b>Marques Townes makes regular free throw 2 of 2</b>	1:42									0.3			0.3
Cameron Satterwhite misses regular free throw 1 of 2	1:16							-0.7					-0.7
Cameron Satterwhite misses regular free throw 2 of 2	1:16							-0.7					-0.7
Lucas Williamson misses regular free throw 1 of 2	1:00										-0.7		-0.7
<b>Lucas Williamson makes regular free throw 2 of 2</b>	1:00										0.3		0.3
<b>Clayton Custer makes regular free throw 1 of 2</b>	0:44	0.3											0.3
<b>Clayton Custer makes regular free throw 2 of 2</b>	0:44	0.3											0.3
Donte Ingram defensive rebound	0:37		1.0										1.0
<b>Donte Ingram makes regular free throw 1 of 2</b>	0:35		0.3										0.3
<b>Donte Ingram makes regular free throw 2 of 2</b>	0:35		0.3										0.3
Bruno Skokna defensive rebound	0:24								1.0				1.0









Game 5, Lovola-Chi (57) vs. Michigan (69), 03-31-2018		Custer	Ingram	Jackson	Krutwig	Negron	Richardson	Satterwhite	Skokna	Townes	Williamson	Unassigned	Team
Donte Ingram turnover (lost ball)	5:07		-2.0										-2.0
Donte Ingram shooting foul (Moritz Wagner draws the foul) - +1 shot after score	4:59		-0.7										-0.7
<b>Cameron Krutwig makes two point hook shot</b>	4:43				1.0								1.0
Ben Richardson defensive rebound	4:19						1.0						1.0
Bruno Skokna misses three point jump shot	4:08								-1.0				-1.0
Ramblers offensive rebound	4:06											1.0	1.0
Cameron Krutwig misses two point hook shot	4:03				-1.0								-1.0
Ben Richardson personal foul (Zavier Simpson draws the foul) - no shot	4:01						-0.2						-0.2
<b>Ben Richardson makes two point pullup jump shot</b>	3:22						1.0						1.0
Cameron Krutwig turnover (bad pass) (Muhammad-Ali Abdur-Rahkman steals)	2:40				-2.0								-2.0
<b>Clayton Custer makes two point step back jump shot</b>	1:46	1.0											1.0
Clayton Custer personal foul (Muhammad-Ali Abdur-Rahkman draws the foul) - no shot	1:39	-0.2											-0.2
<b>Clayton Custer makes two point driving layup</b>	1:14	1.0											1.0
Ben Richardson personal foul (Muhammad-Ali Abdur-Rahkman draws the foul) - 2 shots	1:02						-1.4						-1.4
Clayton Custer misses two point reverse layup <i>(Unassigned assist credited)</i>	0:50	-1.6										0.6	-1.0
Cameron Krutwig offensive rebound	0:48				1.0								1.0
<b>Cameron Krutwig makes two point putback layup</b>	0:48				1.0								1.0
Marques Townes personal foul (Muhammad-Ali Abdur-Rahkman draws the foul) - 2 shots	0:46									-1.4			-1.4
Cameron Krutwig defensive rebound	0:46				1.0								1.0
Marques Townes misses two point layup <i>(Unassigned assist credited)</i>	0:30									-1.6		0.6	-1.0
Donte Ingram personal foul (Duncan Robinson draws the foul) - 2 shots	0:28		-1.4										-1.4
Marques Townes misses three point jump shot	0:21									-1.0			-1.0
Clayton Custer personal foul (Duncan Robinson draws the foul) - 2 shots	0:13	-1.4											-1.4
C.J. Baird blocks Bruno Skokna's two point layup <i>(Unassigned assist credited)</i>	0:05								-1.6			0.6	-1.0
Christian Negron offensive rebound	0:03					1.0							1.0
Christian Negron turnover (lost ball) (Jordan Poole steals)	0:01					-2.0							-2.0
<b>Cumulatives (Half)</b>		-2.1	-5.3	0.5	-2.0	-1.0	-4.4	0.0	-2.6	-4.6	-1.4	3.4	-19.5

<b>Game 5, Loyola-Chi (57) vs. Michigan (69), 03-31-2018</b>	<b>Custer</b>	<b>Ingram</b>	<b>Jackson</b>	<b>Krutwig</b>	<b>Negron</b>	<b>Richardson</b>	<b>Satterwhite</b>	<b>Skokna</b>	<b>Townes</b>	<b>Williamson</b>	<b>Unassigned</b>	<b>Team</b>
<b>Number of Opportunities (Half)</b>	12	10	3	19	2	12	0	2	7	1	5	66
<b>Cumulatives (Game)</b>	-6.5	2.1	-2.9	-4.6	-1.0	-4.6	-0.4	-2.8	-3.6	-0.4	4.6	-20.1
<b>Number of Opportunities (Game)</b>	18	21	16	29	2	16	2	3	23	6	7	131
<b>SUV per Opportunity (Game)</b>	-0.36	0.10	-0.18	-0.16	-0.50	-0.29	-0.20	-0.93	-0.16	-0.07	0.66	-0.15
<b>Cumulatives (Thru 4 Games)</b>	-0.2	-1.5	-7.8	3.2	0.0	13.9	-4.6	-4.4	-5.3	2.4	27.8	23.5
<b>Number of Opportunities (Thru 4 Games)</b>	75	74	66	69	0	75	9	13	87	57	46	473
<b>Cumulatives (Thru 5 Games)</b>	-6.7	0.6	-10.7	-1.4	-1.0	9.3	-5.0	-7.2	-8.9	2.0	32.4	3.4
<b>Number of Opportunities (Thru 5 Games)</b>	93	95	82	98	2	91	11	16	110	63	53	604
<b>SUV per Opportunity (Thru 5 Games)</b>	-0.07	0.01	-0.13	-0.01	-0.50	0.10	-0.45	-0.45	-0.08	0.03	0.61	0.01
<b>Loyola Player</b>	<b>Richardson</b>	<b>Williamson</b>	<b>Ingram</b>	<b>Krutwig</b>	<b>Custer</b>	<b>Townes</b>	<b>Jackson</b>	<b>Skokna</b>	<b>Satterwhite</b>	<b>Negron</b>	<b>Unassigned</b>	<b>Team</b>
<b>Cumulatives (Thru 5 Games)</b>	9.3	2.0	0.6	-1.4	-6.7	-8.9	-10.7	-7.2	-5.0	-1.0	32.4	3.4
<b>Number of Opportunities (Thru 5 Games)</b>	91	63	95	98	93	110	82	16	11	2	53	604
<b>SUV per Opportunity (Thru 5 Games)</b>	0.10	0.03	0.01	-0.01	-0.07	-0.08	-0.13	-0.45	-0.45	-0.50	0.61	0.01

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