

Episode 14 - Wednesday October 19, 2022, 3PM EDT

# If Not Now, When? If Not You, Who? Part II

Episode  
14-1

The crew at MatStats continues their study on potential changes on team scoring. This Episode examines the concept of continuing the Margin of Victory dual meet scoring with the inclusion of Placement Points for tournaments. Using the data from Men's NCAA D1 Championships (1988-1992 & 2017-2022), MatStats contends that we should change the scoring at tournaments to enable more fans to understand it and increase scoring and action.

**In the MOV scoring system, Every Point Just Means More!**

## I Feel Like A Number

Episode  
14-2

To the fans I'm just a drone  
To my wireless service I'm just another phone  
I'm just a statistic on a bout sheet  
To the teachers I'm just another child  
To the IRS I'm just another file  
I'm just a correlation on the stat sheet

I feel like a number  
I feel like a number  
I'm not a number, I'm not a number

## Are there any disclaimers MatStats needs to let everyone know about their shows?

The Opinions Expressed on this show do not necessarily reflect any policies or opinions of the NWCA. Also, the MatStats guys do not always agree on all things discussed on their shows.

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- MatStats is a subsidiary of the NWCA but is a separate entity that voices its own opinions on its statistical analysis.
- MatStats three hosts, Gormley, Bryant, and Hazard are all equally responsible for all the good outcomes. Gormley for the bad feedback.
- Gormley writes the Power Points and selects the topics. Gormley uses the term MatStats often, but many times it is Gormley's opinion alone.
- Gormley does the stats work and then the three hosts & occasionally guests brainstorm about Gormley's findings and ideas.
- MatStats is designed to have educated thoughts and opinions to help the world's oldest and greatest sport.
- Wrestling is all about settling disagreements. The hosts are too old to settle these disagreements on the mat.
- Sometimes we agree, sometimes we disagree. It makes the world go round.

This sounds like a huge undertaking by the MatStats Crew. Can you fit it all on one episode?

The importance of this topic requires two shows by the MatStats gang. It is a two-part show. One in September 2022, one in October 2022.

Episode  
14-4

- MatStats believes this is such an important topic for us to cover.
- We do not want to rush through anything.
- We want all viewers to understand the process and reasons for changing tournament team scoring.
- In the statistical world, common sense is something one person knows, and another person does not know.
- MatStats wants loyal and casual fans to pick up what we are laying down.
- Part I explains the changes and shows a lot of data.
- Part II will analyse the data and explain why the MOV changes are a good idea.

# Tournament Team Scoring MOV vs CS Recap (MatCliffs Notes #1) of Episode 13, “If Not Now, When? If Not You, Who? Part I”

Episode  
14-5

- 1) MOV - Every Point Just Means More!
- 2) K.I.S.S. - Keep it simple stupid!
- 3) MOV - Teams get points from MOV & Placement. No Advancement points.
- 4) MOV - Teams get corresponding points for MOV from 1-14 margin.  
0 margin/tie breaker team gets 1 point. All techs 15 points. Pins & Defaults 20 points. Byes get 0 points.
- 5) Placement points in Championship Rounds - 30 points for 3<sup>rd</sup> round/session III.  
40 points for 4<sup>th</sup> round/session IV.
- 6) All 4 final placing bouts (1<sup>st</sup>, 3<sup>rd</sup>, 5<sup>th</sup>, 7<sup>th</sup>) get 10 placement points.
- 7) Consolation placement points - Blood round 10 points, next conso round Friday night 20 points, conso semis Saturday morning 10 points.

# Tournament Team Scoring MOV vs CS Recap (MatCliffs Notes #2) of Episode 13, “If Not Now, When? If Not You, Who? Part I”

Episode  
14-6

- 8) The arithmetic mean (average) of MOV points scored per bout is 6.62/win in the NCAA D1 Men’s Championships for all bouts.
- 9) The 3-5-7 placing bouts only score a total of 1.49 team points in the CS. This is way too low in comparison to other rounds. The MOV system remedies this.
- 10) There is a consistent multiplier of about 5.5X for the MOV over the CS except the 3-5-7 bouts.
- 11) In both the CS & the MOV there is a possibility that some random lower placer will score more team points than a higher placer. This is inherited in the “modified” double elimination system we use at NCAA’s.
- 12) The MOV system values all points scored. The CS is basically a hybrid of the MOV with arbitrary winning margins score more points.

# What are the results from the second round of Twitter Polls on MatStats?

Our viewers have weighed in on the confusion of our current system team scoring and believe it has some flaws.

Episode  
14-7

- Poll #1 - Should a losing wrestler score team points in a tournament?  
Votes - 37      Yes - 35%    No - 65%
- Poll #2 - Would you feel confident being the one scoring team points under the current system in a tournament? In other words, do you know the current system well enough to be the score keeper?  
Votes - 26      Yes - 65%    No - 35%
- Does the fact that the 32 seed vs the 33 seed rat tail bout at the Men's D1 NCAA Championship tournament score as many team points as the 3<sup>rd</sup>/5<sup>th</sup>/7<sup>th</sup> place bouts each score, show a flaw in the current system?  
Votes - 25      Yes - 72%    No - 28%

How do the total number of tournament team points compare from MOV and CS by place winners?

There will be 5.5X as many team points under the MOV scoring system.

Episode  
14-8

Place	Total Team Points/Wrestler (TTP) MOV	Total Team Points/Wrestler (TTP) Current system	MOV over CS Multiplier
1	120.14	23.05	5.21
2	101.36	18.48	5.48
3	99.78	16.45	6.06
4	80.16	14.62	5.48
5	73.50	12.31	5.97
6	55.94	10.86	5.15
7	44.34	8.06	5.50
8	31.34	6.83	4.58
NPW (25 Wrestlers)	7.11	1.23	5.78



How do the total team points before Placement points compare under the two scoring systems?

Total Team Points/win before placement points for the current system and MOV from 2017-2022. The total multiple of MOV over CS is 5.69X.

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Place	Total team Points/win before placement points MOV	Total Team Points/win before placement points CS (adv + bonus = total)	MOV over CS multiplier
1	8.02	$0.8 + 0.61 = 1.41$	5.68
2	7.84	$1 + 0.62 = 1.62$	4.83
3	7.42	$0.66 + 0.53 = 1.19$	6.23
4	6.21	$0.76 + 0.46 = 1.22$	5.09
5	6.69	$0.60 + 0.48 = 1.08$	6.19
6	6.68	$0.79 + 0.46 = 1.25$	5.34
7	5.66	$0.57 + 0.37 = 0.94$	6.02
8	6.09	$0.74 + 0.39 = 1.13$	5.38
Non-Place winner	6.21	$0.68 + 0.39 = 1.07$	5.80

What is the average number of bouts by place winner for the tournament?

The average number of bouts by place from 2017-2022.

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14-10

Place	Average Number of Bouts
1	5.00
2	5.00
3	6.36
4	6.56
5	6.86
6	6.88
7	6.28
8	6.50
NPW (25 Wrestlers)	3.14

What is the average number of wins by place winner at the NCAA Tournament?

## Average number of wins by place Men's NCAA D1 Championships 2017-2022.

Episode  
14-11

Place	Average Number of wins
1	5.00
2	4.00
3	5.36
4	4.56
5	4.86
6	3.88
7	4.28
8	3.50
NPW (25 Wrestlers)	1.14

What is the average number of total tournament team points per round under both scoring systems?

Total team Points per win MOV and Current System. All rounds except 357 Place are close to the magical 5.5X multiplier.

Episode  
14-12

Total	Team Points	Per Win	Per Round
Round	MOV	Current System	MOV over CS Multiplier
CH1	7.43	1.54	4.82
CH2	6.57	1.46	4.50
CO1	6.80	0.96	7.08
CH3 - Quarters	36.25	7.42	4.88
CO2	6.55	0.95	6.89
CO3	5.92	0.88	6.72
CH4 - Semis	45.81	7.39	6.19
CO4	15.96	3.89	4.10
CO5	25.51	3.83	6.66
CO6	25.49	3.81	6.69
357 Place	17.03	1.49	11.42
CH5 - Finals	14.76	4.21	3.50
Weighted Mean	12.26	2.21	5.54

# Where do the rounds rank by average total team points by a wrestler?

Ranking the rounds by total team points. MOV remedies the 357 round low team points issue.

Episode  
14-13

Ranked	Total Team Points Per Win		By Round	
Ranking	MOV		Current System	
1	CH4 - Semis	45.81	CH3 - Quarters	7.42
2	CH3 - Quarters	36.25	CH4 - Semis	7.39
3	CO5	25.51	CH5 - Finals	4.21
4	CO6	25.49	CO4	3.89
5	357 Place	17.03	CO5	3.83
6	CO4	15.96	CO6	3.81
7	CH5 - Finals	14.76	Weighted mean	2.21
8	Weighted Mean	12.26	CH1	1.54
9	CH1	7.43	<b>357 Place</b>	<b>1.49</b>
10	CO1	6.80	CH2	1.46
11	CH2	6.57	CO1	0.96
12	CO2	6.55	CO2	0.95
13	CO3	5.92	CO3	0.88

# Does any round have an inordinate number of defaults?

357 Place round (Session V) has many more defaults than other rounds.

Episode  
14-14

Round	% Defaults
3rd-5th-7th Place Bouts	6.67%
All Other Rounds	1.12%
% increase in defaults	495%

# Why are there so many defaults during Session V?

Long weekend so little to gain risk reward

Episode  
14-15

Category	MOV	Current System	Multiple Potential Max Team Points Session V	% increase of MOV over CS All Bouts
Maximum Team Points	30 (20+10)	3 (2 + 1)	10X	454%

## Is there a possibility that MOV will help lower the number of defaults in Session V?

The MOV scoring system increase the importance of the 357-placing round (Session V). This should help reduce defaults in this round.

Episode  
14-16

- 3<sup>rd</sup>, 5<sup>th</sup>, 7<sup>th</sup> Place bouts have an inordinate number of defaults.
- For the 357 Place bouts there are 6.67% defaults. For all other bouts during the tournaments there are 1.12%.
- That is a 495% increase of defaults in 357 round over all other rounds.
- If we control for defaults in the Current system in 357 placing bouts, the average team scoring in this round would be 1.36 team points. Which would lower it to #10 on the team point list in slide 35, that we just saw.
- In the current system, there is only a maximum opportunity for 3 points. In MOV there is a 30-point opportunity. A multiple of 10X.
- This should decrease the number of defaults in the second most important round.
- The fans deserve to see more action. There is no action in a default.
- Can you think of any NFL fan that is happy when a team bench some great players in the last week of the season when their “seed” is wrapped up prior to the game. How many week 17 games did Tom Brady play 1 series since the Patriots often had things settled before week 17.



# What is the largest fault in the CS? Does MOV remedy this problem?

In the CS the 32 vs 33 rattail bout scores as many team points as the 3-5-7 placing bouts! MOV fixes this glaring issue. Does anyone really think they should be equal?

Episode  
14-17

Round	MOV	CS	Multiplier
32 v 33	6.89	1.47	4.69X
3-5-7 Place	17.03	1.49	11.43X
3-5-7 control for defaults	15.70	1.36	11.54X
3-5-7/32 v 33	147%	1%	N/A

What are the rankings by margin of victory frequency from 1988-1992 & 2017-2022 combined?

This chart shows that team scoring does affect the point differential in many bouts - major and techs.

Episode  
14-18

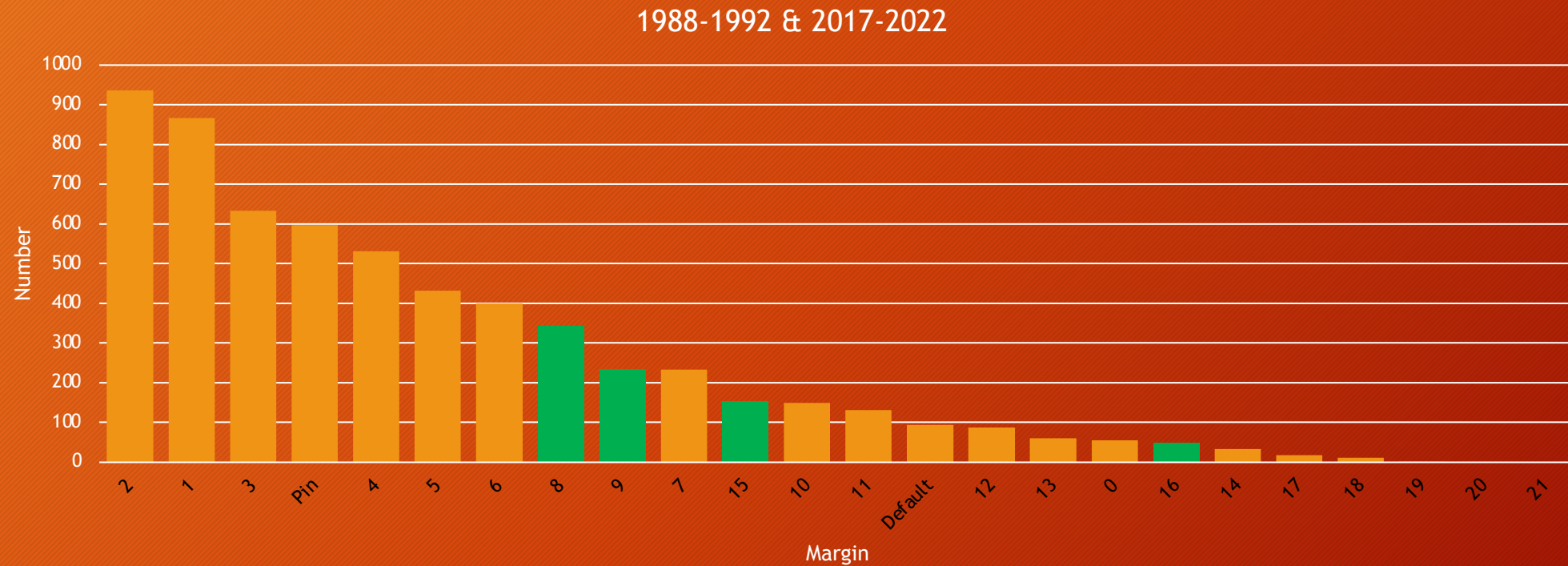
Ranked point differential for 1988-1992 & 2017-2022

Margin	Number of bouts	Margin	Number of bouts
2	937	11	132
1	867	Default	94
3	633	12	88
Pin	597	13	61
4	531	0	56
5	432	16	50
6	400	14	34
8	343	17	18
9	235	18	12
7	233	19	1
15	154	20	0
10	149	21	0
		Sum	6057

It would help us to see a bar graph with the margin of victory ranked for 1988-1992 & 2017-2022.

Episode  
14-19

This bar graph shows the rankings of margin of victory. 8, 9, 15, & 16 jump out of order due to increased team points.



8- & 15-point victories jump ahead of other numbers. Does this show signs that the wrestlers kept working after virtually clinching a win to get extra team points.

Episode  
14-20

- **MOV - Every Point Just Means More!**
- If this is indeed the case, does this not then mean that if additional team points are always on the line that there will be more action at the end of matches that have already been decided?
- This would translate to more action and more scoring all through the 7-minute match.
- No more “kneeling on the football.”
- 8-point victories jump 7. 15-point victories jump 14,13,12,11, & 10-point victories.
- 9 & 16 - point victories also jump ahead of lower point victories.
- Since a TD is worth 2 points, we see the same for 9 & 16-point margin victories. They jump 7 & 14 respectively in the ranked order.
- This is potentially a good sign for margin of victory scoring.
- This is another reason that margin of victory scoring could help change the 15% decrease in scoring we learned about in Episode 11 in July from the 1988-1992 & 2017-2022 NCAA Men’s D1 Championships.

Can MatStats show the fans the difference in team placing in the 2022 NCAA Men's D1 Wrestling Championships from the Current System (CS) and the Margin of Victory (MOV) system?

In 2022, there are not many changes in the MOV system. The results are basically the same, it is just easier for the fans to follow the team scoring.

Episode  
14-21

CS Place	MOV Place	2022 School	MOV Team Points	CS Team Points	MOV/CS (5.5X avg)	MOV>CS Place Differential
1	1	Penn State	710	131.5	5.40	0
2	2	Michigan	513	95.0	5.40	0
3	3	Iowa	430	74.0	5.81	0
4	4	Arizona State	348	66.5	5.23	0
5	7	Nebraska	296	59.5	4.97	-2
6	6	Northwestern	301	57.5	5.23	0
7	5	Cornell	315	54.5	5.78	+2
8	10	VA Tech	279	52.5	5.31	-2
9	9	Mizzou	280	49.5	5.66	0
10	10	NC State	279	49.0	5.69	0
11	8	Minnesota	289	48.5	5.96	+3
12	13	Oregon State	237	44.5	5.33	-1
13	14	The Ohio State	228	44.0	5.18	-1
14	15	Oklahoma State	222	38.5	5.77	-1
14	16	Wisconsin	221	38.5	5.74	-2
16	17	Princeton	197	38.0	5.18	-1
17	12	Iowa State	238	37.0	6.43	+5
18	20	UNC	162	32.0	5.06	-2
19	19	Stanford	166	31.5	5.27	0
20	18	Northern Iowa	171	28.5	6.00	+2
20	21	Rutgers	160	28.5	5.61	-1
22	22	Cal Poly	143	28.0	5.11	0
23	23	Wyoming	116	21.0	5.52	0
24	24	Pitt	104	20.5	5.07	0
25	26	Illinois	96	17.5	5.49	-1
25	25	Lehigh	97	17.5	5.54	0

It looks like the majority of MOV team points over CS team points is near the 5.5X multiplier we saw in slide #8 earlier in the show for each school.

The 5.5X multiplier holds true for weight classes, placing, and teams. Teams with a higher multiplier will most likely place higher in the MOV system and the opposite for teams with a lower multiple. This encourages action and scoring. Much like what basketball did with the 3-point shot.

Episode  
14-22

CS Place	MOV Place	School	MOV Team Points	CS Team Points	MOV/CS (5.5 avg)	MOV>CS Place Differential
27	27	Penn	82	15.5	5.29	0
28	30	Appy State	59	13.5	4.37	-2
29	28	Oklahoma	66	11.0	6.00	+1
30	31	Purdue	55	10.5	5.24	-1
30	33	UVA	44	10.5	4.19	-3
32	35	WVA	38	8.5	4.47	-3
33	29	Drexel	63	8.0	7.88	+4
34	32	North Dakota State	45	7.5	6.00	+2
35	33	Rider	40	6.0	6.67	+2
36	36	USAFA	35	5.0	7.00	0
36	38	Binghamton	32	5.0	6.40	-2
36	39	Campbell	28	5.0	5.60	-3
39	46	Central Michigan	19	4.5	4.22	-7
39	42	Northern Illinois	21	4.5	4.67	-3
41	37	USMA	34	4.0	8.50	+4
41	41	Michigan State	23	4.0	5.75	0
41	40	The Citadel	28	4.0	7.00	+1
44	47	Northern Colorado	17	3.5	4.86	-3
44	42	South Dakota State	21	3.5	6.00	+2
46	44	Bloom	20	3.0	6.67	+2
46	44	Clarion	20	3.0	6.67	+2
48	48	Bucknell	14	2.5	5.60	0
48	51	Duke	11	2.5	4.40	-3
48	50	Maryland	12	2.5	4.80	-2
48	49	USNA	13	2.5	5.20	-1
52	53	Harvard	9	2.0	4.50	-1
52	52	Utah Valley	11	2.0	5.50	0
54	54	Columbia	5	1.5	3.33	0
54	54	Lock Haven	5	1.5	3.33	0

How did Wrestling get in the position where many fans did not understand the tournament scoring?  
 Where there many small changes or tweaks over the years?

When you make small changes, you can make things more complicated. The classic example is the IRS code. Practically no one understand the IRS code except CPA's & Stats guys. We want and need a bigger tent in Wrestling.

Episode  
14-23

CS Place	MOV Place	2022 School	MOV Team Points	CS Team Points	MOV/CS Multiplier (5.5X avg)	MOV>CS Place Differential
56	58	Chattanooga	3	1.0	3.00	-2
56	59	Cleveland State	2	1.0	2.00	-3
56	54	CSU Bakersfield	5	1.0	5.00	+2
56	54	Indiana	5	1.0	5.00	+2
56	59	Kent State	2	1.0	2.00	-3
61	61	Buffalo	0	0.0	N/A	0
61	61	Edinboro	0	0.0	N/A	0
61	61	F&M	0	0.0	N/A	0
61	61	Gardner-Webb	0	0.0	N/A	0
61	61	Hofstra	0	0.0	N/A	0
61	61	Ohio	0	0.0	N/A	0

How correlated are the team placements by points, specific team's points, and team placements?

Episode  
14-24

The two systems are very highly correlated.  
Almost exactly. Correlation runs from +1 to -1.

Category	Correlation
Correlation MOV & CS by points	+0.9989
Correlation MOV & CS Points by school	+0.9974
Correlation Place by school	+0.9943



Can MatStats show the fans a list of variances in team placements by placing differentials?

MatStats shows that any team with a differential of +/- 4+ is an anomaly. Only 6% of the schools have a place differential of +/-4 or more.

Episode  
14-25

Spread +/- (MOV over CS)	Number	School
7	0	
6	0	
5	1	ISU (27% Major +, Overall 2022 26%) Drexel (3/4 wins pins) USMA (37/41 Place)
4	2	
3	1	
2	9	
1	2	
0	25	
-1	9	
-2	8	
-3	8	There will be more place decreasing Due to less team ties in MOV
-4	0	MV 16 total team ties, CS 37
-5	0	
-6	0	
-7	1	CMU (39 CS/ 46 MOV) Low points this will happen

It looks like it is worth changing the team scoring. The only significant change is countless more fans (loyal, old, new, & casual) will be able to follow the team scoring.

Understanding the scoring would make it easier to be a wrestling fan. Could anyone imagine if a high percentage of fans didn't know the scoring in the Super Bowl?

Episode  
14-26

Difference	Number	Percentage	Cumulative %
0	25	38%	38%
+/- 1	11	17%	55%
+/- 2	17	26%	80%
<b>+/- 3</b>	9	14%	<b>94%</b>
+/- 4	2	3%	97%
+/- 5	1	2%	98%
+/- 6	0	0%	98%
+/- 7	1	2%	100%
<b>Total</b>	<b>66</b>	<b>100%</b>	<b>100%</b>

# Are there many team placing differentials with the top teams?

Very little differentials near the top placing teams.  
The lower the team points, the more likely the differentials.

Episode  
14-27

Difference	Top 10	Top 20(21 w/ties)	Top 30 (31 w/ties)
+/- 2	100%	91%	92%

What about a year like 2001 when Minnesota won despite not having any finalists. Would there be any team placement differentials among the top teams?

2001 has been the only year where the team champion had no finalists. The MOV holds consistent with the CS in order of team finishes. There are no big place differentials among top teams.

Episode  
14-28

CS Place	MOV Place	2001 School	MOV Team Points	CS Team Points	MOV/CS Multiplier	MOV>CS Place Differential
1	1	Minnesota	764	138.50	5.52	0
2	2	Iowa	647	125.50	5.16	0
3	3	Oklahoma State	586	115.50	5.07	0
4	4	Oklahoma	413	93.50	4.42	0
5	5	Illinois	405	89.00	4.55	0
6	6	Iowa State	356	66.50	5.35	0
7	7	Michigan	334	65.50	5.10	0
8	10	Nebraska	260	52.50	4.95	+2
9	8	Arizona State	269	48.00	5.60	-1
10	9	Boise State	263	47.00	5.60	-1
10	11	Wisconsin	251	47.00	5.34	+1

Can MatStats show the fans the difference in team placing in the 2021 NCAA Men's D1 Wrestling Championships from the Current System (CS) and the Margin of Victory (MOV) system?

Much like MatStats showed in 2001 & 2022, there is not much movement in the team placing near the top of the standings.

Episode  
14-29

CS Place	MOV Place	2021 School	MOV Team Points	CS Team Points	MOV/CS (5.5X avg)	MOV>CS Place Differential
1	1	Iowa	729	129.0	5.65	0
2	3	PSU	567	113.5	5.00	-1
3	2	Oklahoma St	601	99.5	6.04	+1
4	5	ASU	394	74.0	5.32	-1
5	4	Michigan	419	69.0	6.07	+1
6	7	NCSU	379	68.0	5.57	-1
7	6	Minn	387	64.0	6.05	+1
7	8	Mizzou	377	64.0	5.89	-1
9	9	The Ohio St	257	46.5	5.53	0
10	10	Northwestern	256	45.0	5.69	0
11	11	Pitt	220	40.5	5.43	0
12	13	Nebraska	206	38.0	5.42	-1
13	14	Iowa St	199	37.5	5.31	-1
13	12	Rutgers	213	37.5	5.68	+1
15	17	VA Tech	180	36.5	4.93	-2
16	15	UNC	196	36.0	5.44	+1
17	16	Stanford	194	35.5	5.46	+1
18	18	Illini	152	25.0	6.08	0
19	20	Northern Iowa	122	24.5	4.98	-1
20	19	Rider	123	22.0	5.59	+1

# What is the best predictor of change in MOV team standings from CS team standings?

The multiplier of MOV/CS. The multiplier average is about 5.5X. The more removed from this number, the more likely a change in team standings will occur.

Episode  
14-30

CS Place	MOV Place	2021 School	MOV Team Points	CS Team Points	MOV/CS (5.5X avg)	MOV>CS Place Differential
21	21	UT Valley	111	21.5	5.16	0
22	22	Central Michigan	95	20.0	4.75	0
23	24	Wisconsin	86	18.5	4.65	-1
24	25	Oklahoma	85	17.0	5.00	-1
25	25	Cal Poly	85	16.5	5.15	0
26	29	Purdue	73	15.5	4.71	-3
26	28	SDSU	75	15.5	4.84	-2
26	29	Wyoming	73	15.5	4.71	-3
29	27	Northern Illinois	79	13.5	5.85	+2
30	23	Michigan State	90	13.0	6.92	+7
31	32	Lehigh	69	11.5	6.00	-1
31	35	UVA	52	11.5	4.52	-4
31	31	W VA	71	11.5	6.17	0
34	34	Bucknell	58	11.0	5.27	0
35	36	Fresno State	51	10.5	4.86	-1
36	33	NDSU	64	10.5	6.10	+3
37	37	USNA	45	7.5	6.00	0
38	50	Appy State	22	6.5	3.38	-12
38	46	Binghamton	28	6.5	4.31	-8
38	38	Campbell	44	6.5	6.77	0
41	42	USAFA	33	6.0	5.50	-1
41	39	Bakersfield	42	6.0	7.00	+2
41	41	USMA	37	6.0	6.17	0

Will we almost all the time see the biggest change in team placing in the teams near the bottom of the standings?

The lower the team points, the more each point is magnified. This could result in a lot of action in what we usually would not focus our attention on.

**MOV- Every Point Just Mean More!**

Episode  
14-31

CS Place	MOV Place	2021 School	MOV Team Points	CS Team Points	MOV/CS (5.5X avg)	MOV>CS Place Differential
44	42	Hofstra	33	5.5	6.00	+2
44	44	Kent St	30	5.5	5.45	0
46	49	Indiana	24	5.0	4.80	-3
46	40	Oregon State	38	5.0	7.60	+6
48	47	Drexel	25	3.5	7.14	+1
49	45	Duke	29	3.5	8.29	+4
49	47	Northern Colo	25	3.5	7.14	+2
51	52	Clarion	9	1.5	6.00	-1
51	53	Cleveland State	8	1.5	5.33	-2
51	56	Gardner Webb	4	1.5	2.67	-5
54	57	Bloom	3	1.0	3.00	-3
54	54	Buffalo	7	1.0	7.00	0
54	51	Chattanooga	11	1.0	11.00	+3
54	59	Ohio	2	1.0	2.00	-5
58	58	Edinboro	2	0.5	4.00	0
58	55	Little Rock	5	0.5	10.00	+3
60	60	American	0	0.0	N/A	0
60	60	Sacred heart	0	0.0	N/A	0
60	60	SIU Edwardsville	0	0.0	N/A	0
60	60	Citadel	0	0.0	N/A	0
		<b>Total</b>	<b>7894</b>	<b>1424.5</b>	<b>5.54</b>	

Why does MatStats believe that MOV will create more action and hopefully more scoring?

The correlation in 2021 between change in team placing from CS to MOV and the multiplier of MOV/CS = +0.7082.  
**MOV - Every Point Just Means More!**

Episode  
14-32

- Remember your stats lessons from previous shows.
- In statistics, correlation or dependence is any statistical relationship between two random variables.
- Correlation goes from +1 to -1.
- +1 perfect correlation.
- -1 opposite correlation.
- 0 no correlation.
- Correlation does not imply causation.
- But in this case, MatStats is saying that the +0.7082 correlation between change in team placing and MOV/CS does imply that **every point just means more in MOV.**
- If MOV is implemented, the wrestlers will most likely be coached to increase action and more scoring could easily be the result.
- Is anyone against more action in wrestling?



What is an example of the lower placing wrestler scoring more team points in the MOV system & could this if implemented result in more action and perhaps more scoring?

McKee (3) scored more points than S. Lee (1) in the 2021 NCAA D1 Men's tournament. Is this a good example of how it will increase action/scoring or is it a flaw in MOV?

Episode  
14-33

Wrestler	2021 Weight	Place	Record	MOV Team Points	CS Team Points	MOV/CS Multiplier	Pins	Techs	Majors	Reg Decision
S Lee (Iowa)	125	1st	5-0	131	24.5	5.35	0	1	3	1
B Courtney (ASU)	125	2nd	4-1	86	17.0	5.06	0	0	1	3
P McKee (Minn)	125	3rd	7-1	141	19.5	7.23	3	0	0	4

McKee's 141 MOV points was the most of anyone in the 2021 tournament, S. Lee's 131 was the second most in the 2021 tournament.

MOV - Every Point Just Means More!

# Is the Total Team Points in the MOV system consistent in 2001 & 2022?

We learned in Episode 12 that the MOV was consistent from 1988-1992 & 2017-2022, this also holds true from 2002, 2021, & 2022.

Episode  
14-34

Year	Total MOV Team Points	Total Number of Bouts in the Tournament	Team MOV Points/Bout
2001	7666	638	12.02
2021	7894	638	12.37
2022	7485	640	11.70
2017-2022	7841	639.6	12.26

# Can MatStats recap Episode 14 for the viewers?

## Episode 14 MatCliffs Notes # 1

Episode  
14-35

- 1) MOV - Every Point Just Means More!
- 2) The MOV system does not alter team standings in any meaningful way. The best teams are rewarded. MOV is a much easier system to follow.
- 3) MatStats learned that the 8- & 9-point victories jump 7-point victories and 15 & 16 also jump many. This shows that wrestlers react to the risk vs reward. MOV should have this increased action at all scores, since all points matter.
- 4) Semis & Quarters are where the most team points are scored.
- 5) The Current System does not reward the 3<sup>rd</sup>/5<sup>th</sup>/7<sup>th</sup> place bouts enough. In the CS the 32 seed vs 33 seed score as many team points as the 3<sup>rd</sup>/5<sup>th</sup>/7<sup>th</sup> place bouts do. MOV remedies this problem.
- 6) The 3<sup>rd</sup>/5<sup>th</sup>/7<sup>th</sup> place bouts have an inordinate number of defaults. Hopefully MOV will cure this issue.

## Episode 14 MatCliffs Notes # 2

Episode  
14-36

- 7) 3<sup>rd</sup> - 8<sup>th</sup> place winner's wrestlers more bouts than the finalists.
- 8) 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, & 7<sup>th</sup> placers win more bouts than 2<sup>nd</sup> place.
- 9) It is inherited in “modified” double elimination to have the possibility of lower placers to score more team points than higher placers. This exists in CS & MOV.
- 10) The MOV system has about 5.5X the number of team points than the CS.
- 11) The arithmetic mean for team points per win is MOV - 12.26 and CS - 2.21.

Who should push for these changes? And when?

# If Not You, Who? If Not Now, When?

Episode  
14-37

- **MOV - Every Point Just Means More!**
- This change just won't happen because we want it to happen, and we think it is the best idea for the sport.
- You need to make it happen! You need to do this now!
- Jim Giunta and the NCWA have used MOV in national dual meet championships in the past and they still have this optional scoring for all dual meets if both coaches agree.
- MatStats wants to hear from you. Twitter, Facebook, Instagram (@NWCAMatStats). Email - [NWCAMatStats@gmail.com](mailto:NWCAMatStats@gmail.com)
- MatStats library of shows website - [www.NWCAonline.com/MatStats](http://www.NWCAonline.com/MatStats)

What is the topic next month (Wednesday 11/16/22 3PM EST)?

# NWCA All-Star Match

Episode  
14-38

- Tune In Next Month
  - Same Mat Time
  - Same Mat Channel
- Next month show is on the NWCA All-Star Match.
- It will include some stats, history, and why we are happy the All-Star Match is back on 11/22/2022 in Austin, TX.
- MatStats hopes to see everyone Wednesday 11/16/22 at 3PM EST.