

Episode 15 Wednesday November 16, 2022, 3PM EST

Now More Than Ever!

Episode
15-1

The MatStats boys talk about the NWCA All-Star Match coming back on 11/22/22. They talk about the history of this classic. MatStats also uses the NWCA All-Star Match as a control group for possible team scoring changes and how much they are needed for the fans and to promote more action and scoring. We need to make a team scoring change,

NOW MORE THAN EVER!!

I Feel Like A Number

Episode
15-2

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.

Episode
15-3

- 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.

When was the last NWCA All-Star Match? Who is hosting it this year?

The NWCA All-Star Match Returns for the first time after a 4-Year absence!

Episode
15-4

- The NWCA & FloWrestling have joined forces to bring back the collegiate All-Star Wrestling match on Tuesday 11/22/22 at Austin, TX.
- This is great for the world's oldest and greatest sport.
- The sport needs this, **Now More Than Ever!**
- We are in a nice growth segment in college teams.
- We should feature the sport in an additional event with some of the country's best wrestlers.

Does MatStats think men and women should each have 10 matches at the NWCA All-Star Match?

Let's Play Two!

Episode
15-5

- In 2017 Princeton University and WIBN-Princeton Chapter hosted the All-Star match at the famous Jadwin Gym.
- Thanks to the Ayers family, the Princeton staff, Dr. Mark McLaughlin, and Joe Savino there were 10 women's matches on the card.
- This was the first time that women's matches were included in the event. Men & Women were treated equal.
- MatStats wants to also thank WIBN-Princeton, WLAG, and all the women's coaches that helped make this dream a reality.
- One late night call from Dr. Mark "Mega" McLaughlin was the catalyst for this huge change in college wrestling.
- MatStats believes we need 10 men's and 10 women's bouts in every All-Star match, **Now More Than Ever!**
- You don't have to be a brain surgeon or a Chicago Cubs Hall of Famer to think of great ideas or hit 512 career HR's, but it sure does help!
- This is an opinion of MatStats. MatStats is not privy to the logistics and the possibility of having 20 matches.

Has the scoring decreased at the NWCA All-Star match like MatStats showed us the scoring decreased at NCAA's Men's D1 Championships?

The Scoring & MOV has Decreased at the NWCA All-Star Match from 1967-1987 to 1988-2018.

Episode
15-6

All-Star Match Years	Category	Winner Points	Loser Points	Total Points	Margin
1967-2018	Total	3536	1696	5232	1840
	Mean	7.23	3.47	10.70	3.76
1967-1987	Total	1565	739	2304	826
	Mean	8.03	3.79	11.82	4.24
1988-2018	Total	1971	957	2928	1014
	Mean	6.70	3.26	9.96	3.45

Since the length of matches went from 9 minutes to 8 minutes to 7 minutes during the existence of the NWCA All-Star Match, what did MatStats find in the “real” change in scoring?

Points/minute have decreased 8.39% at the NWCA All-Star Match from 1967-1987 to 1988-2018.

Episode
15-7

NWCA All-Star Match	Winner Points/minute	Loser Points/minute	Total Points/minute	Margin/minute
1967-1987 mean	1.06	0.50	1.55	0.56
1988-2018 mean	0.96	0.47	1.42	0.49
% Decrease from 1967-1987 to 1988-2018	<9.43%>	<6.00%>	<8.39%>	<12.5%>

Note: With the advent of the new OT rules, the average match of is currently longer than 7 minutes for matches That go the distance. So, the decrease is even more than 8.39%, but not much.

What is the breakdown of the All-Star Match MOV scoring in comparable years that MatStats taught us from the Men's NCAA D1 Men's Championships from 1988-1992 & 2017-2022?

The Average Team Dual Meet Points/Bout for the NWCA All-Star Match in the MOV System is 4.13.

Episode
15-8

	NWCA	All-Star	Match		1988	to	2018		
MOV Pts	Margin	#	%	Team Pts	MOV Pts	Margin	#	%	Team Pts
1	0	8	2.62%	0.026	12	12	1	0.33%	0.039
1	1	73	23.93%	0.239	13	13	2	0.66%	0.085
2	2	62	20.33%	0.407	14	14	1	0.33%	0.046
3	3	37	12.13%	0.364	15	15	0	0.00%	0.000
4	4	35	11.48%	0.459	15	16	1	0.33%	0.049
5	5	26	8.52%	0.426	15	17	0	0.00%	0.000
6	6	18	5.90%	0.354	15	18	1	0.33%	0.049
7	7	9	2.95%	0.207	15	19	0	0.00%	0.000
8	8	8	2.62%	0.210	15	20	0	0.00%	0.000
9	9	8	2.62%	0.236	15	21	0	0.00%	0.000
10	10	1	0.33%	0.033	22	PIN	11	3.61%	0.793
11	11	3	0.98%	0.108	PTS/Bout	sum	305	100%	4.131

What did we learn from Episode 12 for total team points/bout from the NCAA Men's D1 Championships?

The Average Dual Meet Points/Match with the Margin of Victory System in the NCAA's was 6.68.

Episode
15-9

Margin of victory	Team Points	% in numeric form	Team Pts * % in numeric form	Margin of victory	Team Points	% in numeric form	Team Pts * % in numeric form
0	1	0.009246	0.009246	15	15	0.025425	0.381377
1	1	0.14314	0.14314	16	15	0.008255	0.123824
2	2	0.154697	0.309394	17	15	0.002972	0.044577
3	3	0.104507	0.313522	18	15	0.001981	0.029718
4	4	0.087667	0.350669	19	15	0.000165	0.002476
5	5	0.071322	0.356612	20	15	0	0
6	6	0.066039	0.396236	21	15	0	0
7	7	0.038468	0.269275	pin	20	0.098564	1.971273
8	8	0.056629	0.45303	def	20	0.015519	0.310385
9	9	0.038798	0.349183				
10	10	0.0246	0.245996	Average points per bout			6.683507
11	11	0.021793	0.239723				
12	12	0.014529	0.174344	Total mean points for the dual meet			66.835
13	13	0.010071	0.130923				
14	14	0.005613	0.078587				

How much of an increase from the NWCA All-Star match to the NCAA's in MOV team dual points?

There is a 62% Increase in Team Dual Points from the NWCA All-Star Match to the NCAA's.

Episode
15-10

NWCA All Star Match 1988-2018	NCAA Men's D1 Championships 1988-1992 & 2017-2022
Category	Team Dual Meet Points
NWCA All-Star Match	4.13
NCAA Men's D1 Championships 1988-1992 & 2017-2022	6.68
Percentage Increase NCAA over NWCA All-Star	62%

How does the NWCA All-Star Match MOV compare with the Men's D1 NCAA Championships in the Quarters, Semis, & Finals?

The NCAA Quarters, Semis, & Finals have a 25% Larger MOV than the NWCA All-Star Match.

Episode
15-11

Year	Category	Winner's Points	Loser Points	Total Points	Margin
1988-2018	NWCA All-Star	6.70	3.26	9.96	3.45
1988-1992 & 2017-2022	NCAA All Matches	8.16	3.21	11.37	4.95
1988-1992 & 2017-2022	NCAA Quarters, Semis, & Finals	7.49	3.16	10.65	4.32
NCAA Quarters, Semis, & Finals 1988-1992 & 2017-2022	Percentage over All-Star Match 1988-2016	12%	<3%>	7%	25%

MatStats saw that the NWCA All-Star Match is a Great Control Group to Compare to the NCAA Men's D1 Championships.

Episode
15-12

- This is what MatStats is here to do.
- MatStats dives deep into the stats in wrestling and sees how it can help the sport.
- When comparing the NWCA All-Star Match with the NCAA D1 Men's Championships, MatStats only uses data from the NWCA All-Star Match that include matches where both wrestlers at the NWCA All-Star Match qualify for that years NCAA D1 Men's Championships.
- The years used for this data from the NWCA All-Star Match was 1988-2018.
- This NWCA All-Star data aligns well with the previous work MatStats did on the NCAA Men's D1 Championships from 1988-1992 & 2017-2022.

How does the number of 7- & 8- point MOV matches compare in the NWCA All-Star Match and the NCAA's Quarters, Semis, & Finals?

In the NCAA's, the multiplier of 8 MOV over 7 MOV is 1.31X. In the NWCA All-Star it is 0.89X.

Episode
15-13

Category	NCAA 2017-2022 All Matches	All Star 1988-2018	NCAA 2017-2022 Quarters, Semis, & Finals
7-Point Margins	128	9	13
8-Point Margins	215	8	17
8/7 Multiplier	1.68X	0.89X	1.31X
Number of Matches	3198	305	350
% Matches 7- & 8- Point Matches	10.73%	5.57%	8.57%

In the NWCA All-Star Matches that had both wrestlers qualify for the NCAAs, where did they place
Or what round were they eliminated.

This is Where the NWCA All-Star wrestlers Placed or were Eliminated
in the NCAA Men's' D1 Championships. Only bouts where both
wrestlers qualified are included.

Episode
15-14

Place	#	%	Elim	#	%
1 st	119	21.25%	CO4	41	7.32%
2 nd	103	18.39%	CO3	18	3.21%
3 rd	83	14.82%	CO2	15	2.68%
4 th	40	7.14%	CO1	16	2.86%
5 th	44	7.86%	CO RT	2	0.36%
6 th	38	6.79%			
7 th	29	5.18%	Total NP	92	16.43%
8 th	12	2.14%			
Total AA	468	83.57%	Total	560	100.00%

Can the viewers see a chart in order of frequency of where they placed or where eliminated?

The NCAA Placement of Wrestlers in the NWCA All-Star Match is Biased Towards High Placing.

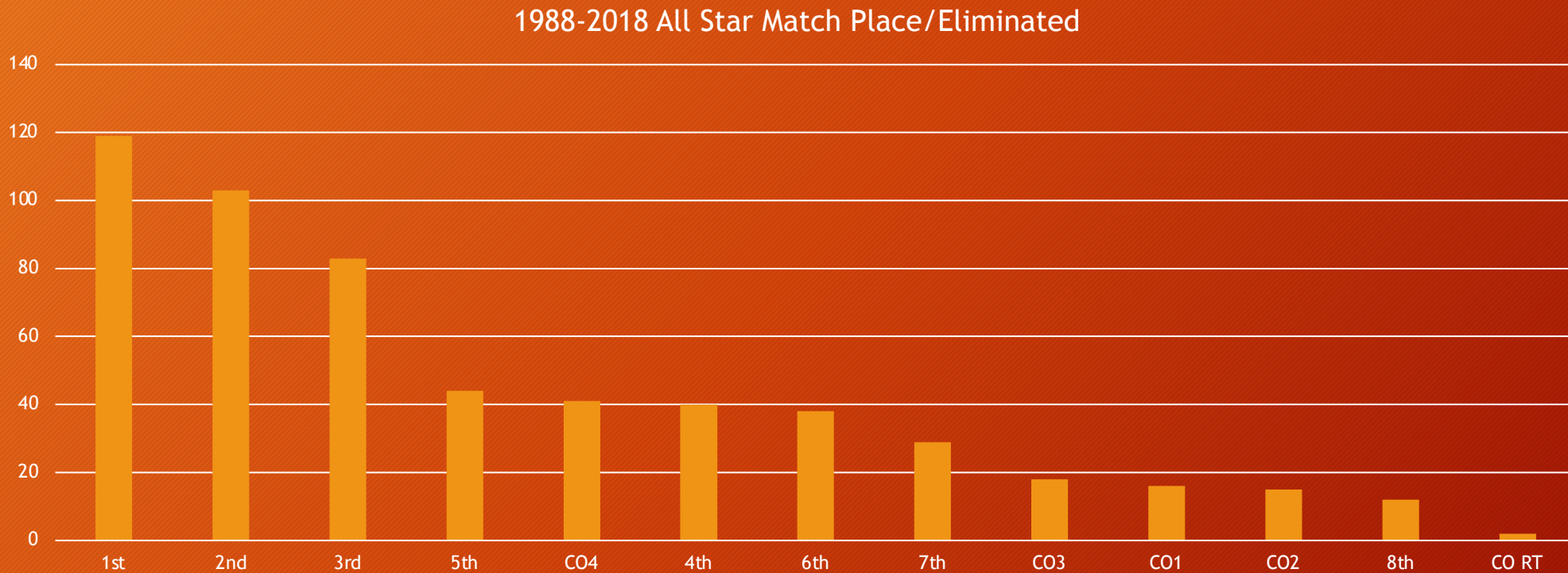
Episode
15-15

Order	Place/ Eliminated	%	Order	Place/ Eliminated	%
N/A	Total AA	83.57%	7)	6th	6.79%
1)	1st	21.25%	8)	7th	5.18%
2)	2nd	18.39%	9)	CO3	3.21%
N/A	Total NP	16.43%	10)	CO1	2.86%
3)	3rd	14.82%	11)	CO2	2.68%
4)	5th	7.86%	12)	8th	2.14%
5)	CO4	7.32%	13)	CO RT	0.36%
6)	4th	7.14%			

Can we see a bar graph of where the wrestlers in the NWCA All-Star matches where both qualified for the NCAA's of where they placed or what round were they eliminated.

Here is a Bar Graph that Shows the quality in the All-Star Match and how the frequency decreases as the placement gets lower or where they are eliminated.

Episode
15-16



How many NWCA All-Star matches from 1988-2018 were a preview of the NCAA finals those years?

14.29% of NWCA All-Star Matches were a Foreshadow of the NCAA Finals. Or about 1.5 matches a year.

Episode
15-17

NCAA Finals Preview	# 1988- 2018	%
1 vs 1*/2	40	14.29%

1* - One bout had two eventual champions wrestle in the All-Star match against each other.
In 1992 at 158 Pat Smith (OKST 158# Champ) def Matt Demaray (WISC 150# Champ) 6-4.

What is the average placement in the NCAAs for the wrestlers in the NWCA All-Star Match?

The total average placing for both wrestlers (numerically counting where they were eliminated) is 10.89. The NCAA Quarters would theoretically have seeds adding to 9.

Episode
15-18

All Star Match 1988-2018 - Only matches where both wrestled in that years NCAA D1 Men's Tournament	All Star Match Winner Place	All Star Match Loser Place	Total Place Winner + Loser
Mean Place	3.89	7.01	10.89

How did MatStats count the wrestlers that did not place at the NCAAs?

MatStats gave the following “placings” for the wrestlers that did not place from 1988-2018.

Episode
15-19

Round Eliminated	Theoretical Place
C04	10.5
C03	14.5
C02	20.5
C01	28.5
CO RT	33.0

The NCAAs went to modified double elimination in 1996, only wrestler was eliminated in a round where the theoretical place would be different than the chart above. There different theoretical place was used.

It is Best to Compare the NCAA Quarters, Semis, & Finals to the NWCA All-Star Match.

Episode
15-20

- MatStats did their normal deep penetration into the statistics to help wrestling.
- From this work, MatStats has showed why we are comparing the NWCA All-Star Match to a compilation of the Quarters, Semis, & Finals of the NCAA Men's D1 Championships.
- The hosts of the All-Star Match do a great job trying to get the best cards they can, but in reality, the NWCA All-Star Classic is a statistical microcosm of the Quarters, Semis, & Finals.

Where are there more 7&8 MOV? NWCA All-Star Match or NCAA's?

In all 12 Rounds in the NCAA's there was a higher percentage of 7&8 MOV, even in the Quarters, Semis, & Finals.

Episode
15-21

NCAA 2017-2022	CH1	CH2	Quarters	Semis	Finals	NCAA All Rounds 2017-2022	All-Star 1988-2018
% Matches 7- & 8-Point Margin	12.13%	6.75%	6.50%	12.00%	10.00%	10.73%	5.57%
NCAA 2017-2022	CO1	CO2	CO3	CO4	CO5	CO6	3-5-7 Place Bouts
% Matches 7- & 8-Point Margin	8.46%	12.50%	9.00%	10.50%	8.00%	9.00%	6.00%

Where is the pin percentage higher? NWCA All-Star Match or NCAA's?

There are 2.41X as many Pins in the NCAA Quarters, Semis, & Finals compared to the NWCA All-Star Match.

Episode
15-22

Year	Category		Pin %
1988-2018	All Star Matches		3.61%
1988-1992 & 2017-2022	NCAA Quarters, Semis, & Finals		8.71%
1988-2018	NCAA Finals		4.19%
Multiplier Increase of Pins	NCAA Q,S, & F over All- Star Matches		2.41X

By Far the Biggest Stat from the NWCA All-Star Match was the Lower Frequency of Majors, Techs, & Pins.

Episode
15-23

- We learned in Episodes 12-14 that 8- & 9-point margins jump 7-point margin in frequency in NCAA D1 Men's Championships from 1988-1992 & 2017-2022.
- We also learned in Episodes 12-14 that 15-point margins jump 10-14-point margins and 16-point margins jump 14-point margins in NCAA Men's D1 Championships.
- In the 2017-2022 Men's D1 NCAA Championships there are 12 rounds of wrestling in 6 sessions.
- In these 12 rounds, 11 had more 8-point victory margins than 7-point victory margins.
- We also learned that the pin percentage in the NCAA was 9.85% and 8.71% in the Quarters, Semis, & Finals. In the NWCA All-Star Match the percentage of pins was 3.61%.

Hazard's Razor

Episode
15-24

- Occam's Razor advocates that when presented with competing hypotheses about the same prediction, one should select the solution with the fewest assumptions.
- Other things being equal, simpler explanations are generally better than more complex ones.
- Kevin Hazard (The Mat Daddy) discovered while Gormley (The Stats Daddy) was compiling stats in recent episodes that the frequency of 8- & 9- point MOV jumped 7-point MOV.
- It might not have been as big as Fleming accidentally discovering penicillin, but it should have huge ramifications on the wrestling team scoring.
- The jump in 8- & 9- point MOV and 15-Point MOV is because of team points at stake. Stick with the simplest answer.
- There is a 2.41X the frequency of pins in the NCAA compared to the NWCA All-Star Match.

What is MatStats recommending from this study?

We Need to Change the Team Scoring in Dual Meets and Tournaments **NOW MORE THAN EVER!!**

Episode
15-25

- MatStats scheduled this episode to be on the NWCA All-Star Match because of the rebirth of the classic in 2022.
- MatStats had a control group. There is no team scoring at the NWCA All-Star Match.
- MatStats learned that there is not a corresponding jump at 8,9, & 15 points at the NWCA All-Star Matches 1988-2018 like in the NCAA Men's D1 Championships 1988-1992 & 2017-2022.
- Once again Hazard's Razor. There is no team scoring at the NWCA All-Star Match, so no reason to win by 8 instead of 7, etc.
- Surprisingly, the pin percentage at the 1988-2018 NWCA All-Star Matches is much lower than comparable rounds at the NCAA Men's D1 Championships 1988-1992 & 2017-2022.
- Team points do affect behavior! What other reason could produce these results? Hazard's Razor has the fewest assumptions - just 1.

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

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

Episode
15-26

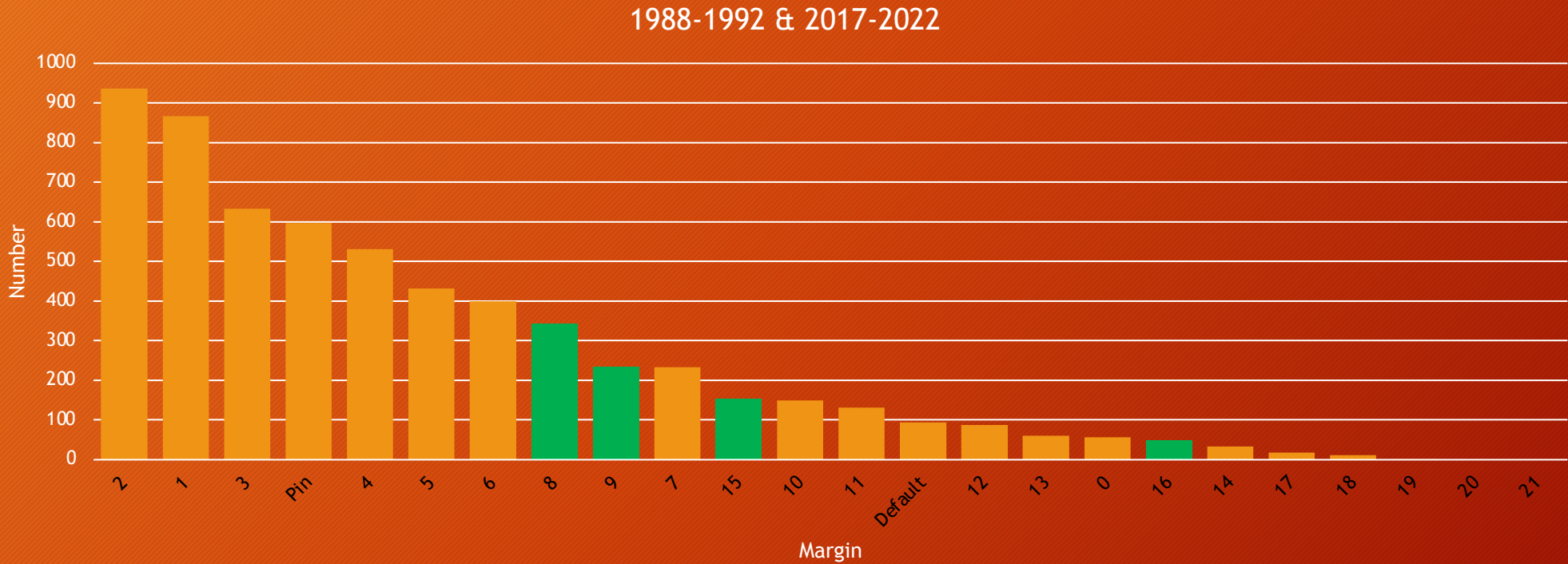
Ranked point differential for 1988-1992 & 2017-2022

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.

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

Episode
15-27



Does the NWCA All-Star Match have the same “bumps” for majors, techs, and Pins like the NCAAs?

There is basically a straight line from MOV and frequency at the NWCA All-Star Match.

Episode
15-28

MOV	All Star	1988	2018
Margin	#	Margin	#
1	73	13	2
2	62	10	1
3	37	12	1
4	35	14	1
5	26	16	1
6	18	18	1
Pin	11	15	0
7	9	17	0
0	8	19	0
8	8	20	0
9	8	21	0
11	3	sum	305

Can MatStats give us their MatCliff's Notes to review what we just learned on the show?

Episode 15 MatCliff's Notes #1

Episode
15-29

- 1) Team scoring does affect wrestlers' behavior.
- 2) Hazard's Razor leads MatStats to believe MOV will be a great change in wrestling dual meet & tournament scoring.
- 3) We need to make this change **NOW MORE THAN EVER.**
- 4) Scoring is lower at the NWCA All-Star match than the NCAA Men's D1 Championships.
- 5) It is great the All-Star match is back. Thanks to the NWCA and FloWrestling for bringing this back!

What is the topic next month (Wednesday 12/21/22 3PM EST)?

NWCA Multi National Duals

Episode
15-31

- Tune In Next Month
 - Same Mat Time
 - Same Mat Channel

- Next month show is on the NWCA Multi National Duals.
- It will include some stats, history, & why it is great for the sport.
- This features NCAA Men D2 & D3, NCAA Women, NAIA Men & Women, & NJCAA Men.
- These are the levels where the sport is growing.
- MatStats hopes to see everyone Wednesday 12/21/22 at 3PM EST.