

Diving Championships Dataset for OWA Aggregation Operators and Multi-agent Decisions with N -Soft Sets^{*}

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Abstract. In competitive diving, the scoring system of individual events works as follows [6]. There are $k = 7$ judges that award points from 0 (completely fail) to 10. Judges score in whole or half points thus $G = \{0, 0.5, 1, 1.5, \dots, 9.5, 10\}$, that we can for simplicity transform into $G = \{0, 1, 2, \dots, 19, 20\}$ (we just divide by 0.5 each score). Thus $N = 21$ which means a fine grading. The judges score a dive based on four elements, namely, approach to the dive, take-off from the platform or springboard, execution (flight through the air) and entry into water. Each diver performs a fixed number of dives. At the 2019 USA Diving Senior National Diving Championships held from May 19, 2019 to May 26, 2019, $p = 12$ divers performed $q = 6$ dives at the final of the Senior Men Platform competition [7].

Keywords: OWA operator · aggregation operator · N -soft set · score · decision making · soft computing

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1 Results

1.1 Global Results

In this section, we show the official results of the 2019 USA Diving Senior National Diving Championships in the Senior Men Platform category [2, 7]. Rules and Regulations can be obtained from the Encyclopædia Britannica article [4].¹

Table 1 shows the official final results of the 2019 USA Diving Senior National Diving Championships in the Senior Men Platform category.

Table 1. Final results in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Diver	Team	Place	Score
Brandon Loschiavo	PURD	1	464.00
David Dinsmore	MIAF	2	461.25
Steele Johnson	PURD	3	425.35
Benjamin Bramley	PURD	4	397.00
Tyler Downs	RIP	5	392.70
Maxwell Weinrich	MDC	6	376.60
Jacob Cornish	TEX	7	362.70
Quentin Henninger	MILE	8	357.80
Chase Lane	U	9	354.40
Zach Cooper	MIAF	10	353.65
Jordan Rzepka	OHIO	11	352.75
Jacob Siler	U	12	289.85

The name of the divers is in the first column. The team is in the second column. For example, Brandon Loschiavo belongs to the PURD team (Purdue Diving of West Lafayette, IN, United States). The place he obtained in this competition is in the next column and the final score is in the last column. Continuing with the example, Loschiavo took first place with 464.00 points.

1.2 Divers Results

In this section, we show the official results of the 2019 USA Diving Senior National Diving Championships [2, 7] in the Senior Men Platform category for each of the divers.

Table 2 shows the official results of the 2019 USA Diving Senior National Diving Championships in the Senior Men Platform category for the diver Brandon J Loschiavo, who placed first. Tables 3–13 show the results for the other divers.

¹ Other references for diving can be found at [1, 3–5, 8]

This table 2 shows the information and results of each of the 6 jumps performed by the diver: the identifier of the dive (Number), height (Height), description (Description), net score (Net Score), difficulty of the dive (DD), score (Score), and the place achieved by the diver in this round (Round Place).

1.3 Detailed Divers Results

In this section, we show the official results of the 2019 USA Diving Senior National Diving Championships in the Senior Men Platform category for each of the divers [2, 7].

Unlike the tables in the Section 1.2, these tables show the results obtained by each judge for each dive. The first columns contain the technical description of the jump, followed by columns 1 to 7 with the dive scores of each judge. The last columns list the net total, the final result and the place of the diver in that jump.

Table 14 shows the data for Brandon J Loschiavo. Tables 15–25 show the data for the remaining divers.

1.4 Detailed Divers Results by Judges

In this section, we show the official results of the 2019 USA Diving Senior National Diving Championships in the Senior Men Platform category for each of the divers and for each of the judges [2, 7].

Unlike the tables in sections 1.2 and 1.3, these tables show the results for each dive summarized by each judge. Table 26 shows the data for the diver Brandon J Loschiavo. In the first column are the names of the 7 judges who evaluate the dives. The next 6 columns show each judge’s score for each of the diver jumps. The final two columns show the total and average scores.

Tables 27–37 shows the data of the remaining divers.

2 N -soft sets

Tables 38–44 show the 7 N -soft sets in tabular form for each of the judges. The jump scores (t_1, \dots, t_6) of the 12 divers (o_1, \dots, o_{12}) have been transformed for $N = 21$, multiplying by 0.5.

References

1. Borg, E., Love, C.: A demonstration of the Borg centiMax® Scale (CR100) for performance evaluation in diving. *Nordic Psychology* **70**(3), 228–244 (2018)
2. DiveMeets: 2019 usa diving senior national diving championships, may 19–26, 2019, indianapolis, indiana. <https://secure.meetcontrol.com/divemeets/system/eventresultsext.php?meetnum=5950&eventnum=1130&eventtype=9#> (2019), Online; accessed 29 January 2021

Table 2. Final results for **Brandon J Loschiavo** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	Number	Height	Description	Net Score	DD	Score	Round Place
1	407C	10M	Inward 3 1/2 Somersault Tuck	25.00	3.20	80.00	1
2	6245D	10M	Armstand Back 2 Somersault 2 1/2 Twist Free	21.00	3.60	75.60	2
3	307C	10M	Reverse 3 1/2 Somersault Tuck	25.50	3.40	86.70	1
4	207B	10M	Back 3 1/2 Somersault Pike	19.50	3.60	70.20	3
5	109C	10M	Forward 4 1/2 Somersault Tuck	21.00	3.70	77.70	2
6	5255B	10M	Back 2 1/2 Somersault 2 1/2 Twist Pike	20.50	3.60	73.80	5
Totals				132.50	21.10	464.00	

Table 3. Final results for **David A Dinsmore** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	Number	Height	Description	Net Score	DD	Score	Round Place
1	407C	10M	Inward 3 1/2 Somersault Tuck	24.50	3.20	78.40	2
2	6245D	10M	Armstand Back 2 Somersault 2 1/2 Twist Free	24.50	3.60	88.20	1
3	307C	10M	Reverse 3 1/2 Somersault Tuck	21.50	3.40	73.10	3
4	207B	10M	Back 3 1/2 Somersault Pike	17.50	3.60	63.00	6
5	109C	10M	Forward 4 1/2 Somersault Tuck	19.50	3.70	72.15	3
6	5255B	10M	Back 2 1/2 Somersault 2 1/2 Twist Pike	24.00	3.60	86.40	1
Totals				131.50	21.10	461.25	

Table 4. Final results for **Steele A Johnson** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	Number	Height	Description	Net Score	DD	Score	Round Place
1	6243D	10M	Armstand Back 2 Somersault 1 1/2 Twist Free	19.50	3.20	62.40	8
2	407C	10M	Inward 3 1/2 Somersault Tuck	22.50	3.20	72.00	4
3	207C	10M	Back 3 1/2 Somersault Tuck	22.50	3.30	74.25	2
4	107B	10M	Forward 3 1/2 Somersault Pike	20.00	3.00	60.00	8
5	307C	10M	Reverse 3 1/2 Somersault Tuck	23.50	3.40	79.90	1
6	5253B	10M	Back 2 1/2 Somersault 1 1/2 Twist Pike	24.00	3.20	76.80	2
Totals				132.00	19.30	425.35	

Table 5. Final results for **Benjamin Bramley** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships.
Source: Dive Meets [2].

Dive	Number	Height	Description	Net Score	DD	Score	Round Place
1	5253B	10M	Back 2 1/2 Somersault 1 1/2 Twist Pike	24.00	3.20	76.80	3
2	6243D	10M	Armstand Back 2 Somersault 1 1/2 Twist Free	21.00	3.20	67.20	6
3	207C	10M	Back 3 1/2 Somersault Tuck	12.00	3.30	39.60	12
4	307C	10M	Reverse 3 1/2 Somersault Tuck	19.00	3.40	64.60	4
5	107B	10M	Forward 3 1/2 Somersault Pike	24.00	3.00	72.00	4
6	407C	10M	Inward 3 1/2 Somersault Tuck	24.00	3.20	76.80	2
Totals				124.00	19.30	397.00	

Table 6. Final results for **Tyler M Downs** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	Number	Height	Description	Net Score	DD	Score	Round Place
1	407C	10M	Inward 3 1/2 Somersault Tuck	20.50	3.20	65.60	6
2	107B	10M	Forward 3 1/2 Somersault Pike	24.50	3.00	73.50	3
3	207C	10M	Back 3 1/2 Somersault Tuck	17.50	3.30	57.75	7
4	626C	10M	Armstand Back 3 Somersault Tuck	22.50	3.30	74.25	2
5	307C	10M	Reverse 3 1/2 Somersault Tuck	16.00	3.40	54.40	10
6	5253B	10M	Back 2 1/2 Somersault 1 1/2 Twist Pike	21.00	3.20	67.20	7
Totals				122.00	19.40	392.70	

Table 7. Final results for **Maxwell R Weinrich** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships.
Source: Dive Meets [2].

Dive	Number	Height	Description	Net Score	DD	Score	Round Place
1	107B	10M	Forward 3 1/2 Somersault Pike	21.00	3.00	63.00	7
2	407C	10M	Inward 3 1/2 Somersault Tuck	22.50	3.20	72.00	4
3	305C	10M	Reverse 2 1/2 Somersault Tuck	16.00	2.80	44.80	11
4	207C	10M	Back 3 1/2 Somersault Tuck	24.00	3.30	79.20	1
5	614B	10M	Armstand Forward 2 Somersault Pike	21.00	2.40	50.40	12
6	5253B	10M	Back 2 1/2 Somersault 1 1/2 Twist Pike	21.00	3.20	67.20	7
Totals				125.50	17.90	376.60	

Table 8. Final results for **Jacob R Cornish** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	Number	Height	Description	Net Score	DD	Score	Round Place
1	6243D	10M	Armstand Back 2 Somersault 1 1/2 Twist Free	22.50	3.20	72.00	4
2	107B	10M	Forward 3 1/2 Somersault Pike	21.00	3.00	63.00	8
3	407C	10M	Inward 3 1/2 Somersault Tuck	16.50	3.20	52.80	9
4	207C	10M	Back 3 1/2 Somersault Tuck	14.50	3.30	47.85	11
5	307C	10M	Reverse 3 1/2 Somersault Tuck	16.50	3.40	56.10	9
6	5237D	10M	Back 1 1/2 Somersault 3 1/2 Twist Free	21.50	3.30	70.95	6
Totals				112.50	19.40	362.70	

Table 9. Final results for **Quentin R Henninger** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	Number	Height	Description	Net Score	DD	Score	Round Place
1	201B	10M	Back Dive Pike	15.50	1.80	27.90	12
2	6243D	10M	Armstand Back 2 Somersault 1 1/2 Twist Free	19.50	3.20	62.40	9
3	5253B	10M	Back 2 1/2 Somersault 1 1/2 Twist Pike	20.50	3.20	65.60	4
4	305C	10M	Reverse 2 1/2 Somersault Tuck	19.50	2.80	54.60	10
5	107B	10M	Forward 3 1/2 Somersault Pike	23.50	3.00	70.50	5
6	407C	10M	Inward 3 1/2 Somersault Tuck	24.00	3.20	76.80	2
Totals				122.50	17.20	357.80	

Table 10. Final results for **Chase G Lane** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	Number	Height	Description	Net Score	DD	Score	Round Place
1	107B	10M	Forward 3 1/2 Somersault Pike	19.50	3.00	58.50	9
2	307C	10M	Reverse 3 1/2 Somersault Tuck	14.00	3.40	47.60	10
3	207C	10M	Back 3 1/2 Somersault Tuck	19.00	3.30	62.70	5
4	407C	10M	Inward 3 1/2 Somersault Tuck	20.00	3.20	64.00	5
5	6243D	10M	Armstand Back 2 Somersault 1 1/2 Twist Free	20.50	3.20	65.60	7
6	5253B	10M	Back 2 1/2 Somersault 1 1/2 Twist Pike	17.50	3.20	56.00	11
Totals				110.50	19.30	354.40	

Table 11. Final results for **Zach T Cooper** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	Number	Height	Description	Net Score	DD	Score	Round Place
1	407C	10M	Inward 3 1/2 Somersault Tuck	22.00	3.20	70.40	5
2	307C	10M	Reverse 3 1/2 Somersault Tuck	12.50	3.40	42.50	12
3	6245D	10M	Armstand Back 2 Somersault 2 1/2 Twist Free	16.00	3.60	57.60	8
4	109C	10M	Forward 4 1/2 Somersault Tuck	16.50	3.70	61.05	7
5	207C	10M	Back 3 1/2 Somersault Tuck	19.00	3.30	62.70	8
6	5255B	10M	Back 2 1/2 Somersault 2 1/2 Twist Pike	16.50	3.60	59.40	10
Totals				102.50	20.80	353.65	

Table 12. Final results for **Jordan N Rzepka** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	Number	Height	Description	Net Score	DD	Score	Round Place
1	407C	10M	Inward 3 1/2 Somersault Tuck	16.50	3.20	52.80	10
2	6243D	10M	Armstand Back 2 Somersault 1 1/2 Twist Free	20.50	3.20	65.60	7
3	207C	10M	Back 3 1/2 Somersault Tuck	15.50	3.30	51.15	10
4	307C	10M	Reverse 3 1/2 Somersault Tuck	17.00	3.40	57.80	9
5	109C	10M	Forward 4 1/2 Somersault Tuck	19.00	3.70	70.30	6
6	5156B	10M	Forward 2 1/2 Somersault 3 Twist Pike	14.50	3.80	55.10	12
Totals				103.00	20.60	352.75	

Table 13. Final results for **Jacob A Siler** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	Number	Height	Description	Net Score	DD	Score	Round Place
1	5154B	10M	Forward 2 1/2 Somersault 2 Twist Pike	15.00	3.30	49.50	11
2	207C	10M	Back 3 1/2 Somersault Tuck	13.00	3.30	42.90	11
3	626C	10M	Armstand Back 3 Somersault Tuck	18.50	3.30	61.05	6
4	307C	10M	Reverse 3 1/2 Somersault Tuck	6.50	3.40	22.10	12
5	407C	10M	Inward 3 1/2 Somersault Tuck	16.50	3.20	52.80	11
6	107B	10M	Forward 3 1/2 Somersault Pike	20.50	3.00	61.50	9
Totals				90.00	19.50	289.85	

Table 14. Final detailed results for **Brandon J Loschiavo** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	DD	1	2	3	4	5	6	7	Net Total	Award	Round Place
1 407C Inward 3 1/2 Somersault Tuck	3.2	8.5	8.0	8.5	8.5	8.0	8.0	9.0	25.00	80.00	1
2 6245D Armstand Back 2 Somersault 2 1/2 Twist Free	3.6	6.5	7.0	6.5	7.0	7.0	7.0	7.0	21.00	75.60	2
3 307C Reverse 3 1/2 Somersault Tuck	3.4	8.5	8.5	8.5	8.0	8.5	8.5	8.5	25.50	86.70	1
4 207B Back 3 1/2 Somersault Pike	3.6	6.0	7.0	6.5	7.0	6.5	6.5	6.5	19.50	70.20	3
5 109C Forward 4 1/2 Somersault Tuck	3.7	7.0	7.0	7.0	6.5	7.0	7.0	7.0	21.00	77.70	2
6 5255B Back 2 1/2 Somersault 2 1/2 Twist Pike	3.6	7.5	7.0	7.0	6.5	6.5	6.5	7.0	20.50	73.80	5
Totals										132.50	464.00

Table 15. Final results for **David A Dinsmore** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	DD	1	2	3	4	5	6	7	Net Total	Award	Round Place
1 407C Inward 3 1/2 Somersault Tuck	3.2	8.5	8.0	8.5	7.5	8.0	8.5	8.0	24.50	78.40	2
2 6245D Armstand Back 2 Somersault 2 1/2 Twist Free	3.6	7.5	8.0	8.5	8.0	8.5	8.0	8.5	24.50	88.20	1
3 307C Reverse 3 1/2 Somersault Tuck	3.4	7.5	7.0	7.5	7.0	7.0	7.0	8.0	21.50	73.10	3
4 207B Back 3 1/2 Somersault Pike	3.6	6.0	6.0	5.0	5.5	6.0	6.0	5.5	17.50	63.00	6
5 109C Forward 4 1/2 Somersault Tuck	3.7	6.0	6.5	6.5	6.5	6.5	6.5	6.0	19.50	72.15	3
6 5255B Back 2 1/2 Somersault 2 1/2 Twist Pike	3.6	8.0	8.0	8.5	8.5	8.0	7.5	8.0	24.00	86.40	1
Totals										131.50	461.25

Table 16. Final results for **Steele A Johnson** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	DD	1	2	3	4	5	6	7	Net Total	Award	Round Place
1 6243D Armstand Back 2 Somersault 1 1/2 Twist Free	3.2	6.5	6.5	6.5	6.0	6.5	7.0	7.0	19.50	62.40	8
2 407C Inward 3 1/2 Somersault Tuck	3.2	7.5	7.5	8.0	7.5	7.0	7.5	7.5	22.50	72.00	4
3 207C Back 3 1/2 Somersault Tuck	3.3	7.5	7.0	7.5	7.0	7.5	8.0	7.5	22.50	74.25	2
4 107B Forward 3 1/2 Somersault Pike	3.0	6.5	7.0	6.5	6.5	7.0	7.0	6.5	20.00	60.00	8
5 307C Reverse 3 1/2 Somersault Tuck	3.4	8.0	8.0	8.0	8.0	7.5	7.0	7.5	23.50	79.90	1
6 5253B Back 2 1/2 Somersault 1 1/2 Twist Pike	3.2	8.5	8.5	8.0	8.0	8.0	8.0	8.0	24.00	76.80	2
Totals										132.00	425.35

Table 17. Final detailed results for **Benjamin Bramley** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

	Dive	DD	1	2	3	4	5	6	7	Net Total	Award	Round Place
1	5253B	Back 2 1/2 Somersault 1 1/2 Twist Pike	3.2	8.0	8.0	8.0	7.5	8.5		24.00	76.80	3
2	6243D	Armstand Back 2 Somersault 1 1/2 Twist Free	3.2	7.0	7.5	7.0	6.5	7.0	7.0	21.00	67.20	6
3	207C	Back 3 1/2 Somersault Tuck	3.3	4.0	4.0	3.5	4.0	4.0	3.5	12.00	39.60	12
4	307C	Reverse 3 1/2 Somersault Tuck	3.4	6.5	6.5	5.5	7.0	6.0	6.5	19.00	64.60	4
5	107B	Forward 3 1/2 Somersault Pike	3.0	8.0	7.5	8.0	8.0	7.5	8.0	24.00	72.00	4
6	407C	Inward 3 1/2 Somersault Tuck	3.2	7.5	7.5	8.0	8.0	8.0	8.5	24.00	76.80	2
Totals										124.00	397.00	

Table 18. Final results for **Tyler M Downs** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive		DD	1	2	3	4	5	6	7	Net Total	Award	Round Place
1	407C	Inward 3 1/2 Somersault Tuck	3.2	7.5	7.0	6.5	6.5	7.0	7.0	20.50	65.60	6
2	107B	Forward 3 1/2 Somersault Pike	3.0	8.0	8.5	8.5	8.5	8.0	8.0	24.50	73.50	3
3	207C	Back 3 1/2 Somersault Tuck	3.3	6.0	5.5	6.0	6.0	5.5	6.0	17.50	57.75	7
4	626C	Armstand Back 3 Somersault Tuck	3.3	7.5	7.0	7.5	7.5	7.0	7.5	22.50	74.25	2
5	307C	Reverse 3 1/2 Somersault Tuck	3.4	5.5	5.5	5.0	5.5	4.5	5.0	16.00	54.40	10
6	5253B	Back 2 1/2 Somersault 1 1/2 Twist Pike	3.2	7.5	7.0	7.5	7.0	7.0	6.5	21.00	67.20	7
Totals										122.00	392.70	

Table 19. Final results for **Maxwell R Weinrich** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive		DD	1	2	3	4	5	6	7	Net Total	Award	Round Place
1	107B	Forward 3 1/2 Somersault Pike	3.0	7.0	7.0	7.0	7.0	7.0	7.5	21.00	63.00	7
2	407C	Inward 3 1/2 Somersault Tuck	3.2	7.5	7.5	7.5	7.5	7.5	8.0	22.50	72.00	4
3	305C	Reverse 2 1/2 Somersault Tuck	2.8	5.5	5.5	6.0	5.5	5.0	4.5	16.00	44.80	11
4	207C	Back 3 1/2 Somersault Tuck	3.3	7.0	7.5	8.0	8.0	8.5	8.0	24.00	79.20	1
5	614B	Armstand Forward 2 Somersault Pike	2.4	6.5	7.0	7.0	7.0	7.0	7.0	21.00	50.40	12
6	5253B	Back 2 1/2 Somersault 1 1/2 Twist Pike	3.2	7.0	7.5	7.0	7.0	7.0	7.5	21.00	67.20	7
Totals										125.50	376.60	

Table 20. Final detailed results for **Brandon J Loschiavo** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	DD	1	2	3	4	5	6	7	Net Total	Award	Round Place	
1 6243D	Armstand Back 2 Somersault 1 1/2 Twist Free	3.2	7.5	7.5	7.5	7.5	7.0	6.5	7.5	22.50	72.00	4
2 107B	Forward 3 1/2 Somersault Pike	3.0	6.5	6.5	7.0	7.0	7.0	7.0	7.0	21.00	63.00	8
3 407C	Inward 3 1/2 Somersault Tuck	3.2	5.5	5.5	5.5	5.0	5.5	6.0	5.5	16.50	52.80	9
4 207C	Back 3 1/2 Somersault Tuck	3.3	5.5	5.5	4.5	4.5	5.5	4.5	4.0	14.50	47.85	11
5 307C	Reverse 3 1/2 Somersault Tuck	3.4	6.0	5.5	5.5	5.0	5.5	5.5	4.5	16.50	56.10	9
6 5237D	Back 1 1/2 Somersault 3 1/2 Twist Free	3.3	7.0	7.5	7.5	7.0	7.0	7.0	7.5	21.50	70.95	6
Totals										112.50	362.70	

Table 21. Final results for **Quentin R Henninger** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	DD	1	2	3	4	5	6	7	Net Total	Award	Round Place
1 201B	Back Dive Pike	1.8	5.0	4.5	5.0	5.5	5.5	4.5	15.50	27.90	12
2 6243D	Armstand Back 2 Somersault 1 1/2 Twist Free	3.2	6.5	7.0	6.5	7.0	6.5	6.0	19.50	62.40	9
3 5253B	Back 2 1/2 Somersault 1 1/2 Twist Pike	3.2	6.5	7.0	7.0	5.5	6.5	7.0	20.50	65.60	4
4 305C	Reverse 2 1/2 Somersault Tuck	2.8	7.0	6.0	6.0	6.5	6.5	7.0	19.50	54.60	10
5 107B	Forward 3 1/2 Somersault Pike	3.0	8.0	8.0	8.5	7.5	8.0	7.5	23.50	70.50	5
6 407C	Inward 3 1/2 Somersault Tuck	3.2	8.0	8.5	8.0	8.0	7.5	8.0	24.00	76.80	2
Totals									122.50	357.80	

Table 22. Final results for **Chase G Lane** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive	DD	1	2	3	4	5	6	7	Net Total	Award	Round Place
1 107B Forward 3 1/2 Somersault Pike	3.0	7.5	6.5	6.5	6.0	6.5	6.5	7.0	19.50	58.50	9
2 307C Reverse 3 1/2 Somersault Tuck	3.4	5.0	5.0	4.5	4.5	4.5	4.5	5.0	14.00	47.60	10
3 207C Back 3 1/2 Somersault Tuck	3.3	7.0	6.0	6.5	6.5	6.0	6.5	6.0	19.00	62.70	5
4 407C Inward 3 1/2 Somersault Tuck	3.2	7.0	7.0	6.5	7.0	6.0	6.5	6.5	20.00	64.00	5
5 6243D Armstand Back 2 Somersault 1 1/2 Twist Free	3.2	7.0	6.5	6.5	7.0	7.0	7.0	6.5	20.50	65.60	7
6 5253B Back 2 1/2 Somersault 1 1/2 Twist Pike	3.2	6.0	5.5	5.5	6.0	6.0	5.5	6.5	17.50	56.00	11
Totals									110.50	354.40	

Table 23. Final detailed results for **Zach T Cooper** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships.
Source: Dive Meets [2].

Dive		DD	1	2	3	4	5	6	7	Net Total	Award	Round Place
1 407C	Inward 3 1/2 Somersault Tuck	3.2	7.5	7.0	6.5	7.0	7.5	8.0	8.0	22.00	70.40	5
2 307C	Reverse 3 1/2 Somersault Tuck	3.4	5.0	4.0	4.0	4.5	4.5	4.0	4.0	12.50	42.50	12
3 6245D	Armstand Back 2 Somersault 2 1/2 Twist Free	3.6	5.5	5.5	5.0	5.0	5.5	5.5	5.0	16.00	57.60	8
4 109C	Forward 4 1/2 Somersault Tuck	3.7	6.5	5.5	6.0	5.5	5.5	5.5	5.5	16.50	61.05	7
5 207C	Back 3 1/2 Somersault Tuck	3.3	7.0	6.0	6.5	6.0	6.5	6.0	6.5	19.00	62.70	8
6 5255B	Back 2 1/2 Somersault 2 1/2 Twist Pike	3.6	6.5	5.5	5.5	5.5	6.0	5.5	5.5	16.50	59.40	10
Totals										102.50	353.65	

Table 24. Final results for **Jordan N Rzepka** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships.
Source: Dive Meets [2].

Dive		DD	1	2	3	4	5	6	7	Net Total	Award	Round Place
1 407C	Inward 3 1/2 Somersault Tuck	3.2	2.0	7.0	2.0	6.5	4.5	5.5	8.0	16.50	52.80	10
2 6243D	Armstand Back 2 Somersault 1 1/2 Twist Free	3.2	6.5	7.0	6.5	7.0	7.0	6.5	7.0	20.50	65.60	7
3 207C	Back 3 1/2 Somersault Tuck	3.3	5.5	5.0	5.5	5.5	4.5	5.0	5.0	15.50	51.15	10
4 307C	Reverse 3 1/2 Somersault Tuck	3.4	5.5	6.0	5.5	6.0	6.0	5.0	5.5	17.00	57.80	9
5 109C	Forward 4 1/2 Somersault Tuck	3.7	6.0	6.5	6.5	6.0	6.5	7.0	6.0	19.00	70.30	6
6 5156B	Forward 2 1/2 Somersault 3 Twist Pike	3.8	4.5	3.0	5.0	5.5	5.0	5.0	4.5	14.50	55.10	12
Totals										103.00	352.75	

Table 25. Final results for **Jacob A Siler** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Dive		DD	1	2	3	4	5	6	7	Net Total	Award	Round Place
1 5154B	Forward 2 1/2 Somersault 2 Twist Pike	3.3	4.5	5.0	5.5	5.0	5.0	6.0	5.0	15.00	49.50	11
2 207C	Back 3 1/2 Somersault Tuck	3.3	4.5	4.0	4.5	4.5	5.0	4.0	4.0	13.00	42.90	11
3 626C	Armstand Back 3 Somersault Tuck	3.3	6.0	6.5	6.5	6.0	6.0	6.5	6.5	18.50	61.05	6
4 307C	Reverse 3 1/2 Somersault Tuck	3.4	3.5	2.0	2.0	3.5	2.0	2.5	2.0	6.50	22.10	12
5 407C	Inward 3 1/2 Somersault Tuck	3.2	6.0	6.0	5.5	5.5	5.5	5.5	5.5	16.50	52.80	11
6 107B	Forward 3 1/2 Somersault Pike	3.0	7.0	6.5	7.0	7.0	6.5	6.5	6.5	20.50	61.50	9
Totals										90.00	289.85	

Table 26. Final results by judges for **Brandon J Loschiavo** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Judge		1	2	3	4	5	6	Tot	Avg
		407C	6245D	307C	207B	109C	5255B		
1	Goodman, Ed D	8.50	6.50	8.50	6.00	7.00	7.50	44.0	7.33
2	Johnson, Jonathan	8.00	7.00	8.50	7.00	7.00	7.00	44.5	7.42
3	Sorgi, Erica	8.50	6.50	8.50	6.50	7.00	7.00	44.0	7.33
4	Ahlering, Julie	8.50	7.00	8.00	7.00	6.50	6.50	43.5	7.25
5	Richmond, Emily M	8.00	7.00	8.50	6.50	7.00	6.50	43.5	7.25
6	Krug, Dorothy A	8.00	7.00	8.50	6.50	7.00	6.50	43.5	7.25
7	Faber, Marc	9.00	7.00	8.50	6.50	7.00	7.00	45.0	7.50

Table 27. Final results by judges for **David A Dinsmore** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Judge		1	2	3	4	5	6	Tot	Avg
		407C	6245D	307C	207B	109C	5255B		
1	Goodman, Ed D	8.50	7.50	7.50	6.00	6.00	8.00	43.5	7.25
2	Johnson, Jonathan	8.00	8.00	7.00	6.00	6.50	8.00	43.5	7.25
3	Sorgi, Erica	8.50	8.50	7.50	5.00	6.50	8.50	44.5	7.42
4	Ahlering, Julie	7.50	8.00	7.00	5.50	6.50	8.50	43.0	7.17
5	Richmond, Emily M	8.00	8.50	7.00	6.00	6.50	8.00	44.0	7.33
6	Krug, Dorothy A	8.50	8.00	7.00	6.00	6.50	7.50	43.5	7.25
7	Faber, Marc	8.00	8.50	8.00	5.50	6.00	8.00	44.0	7.33

Table 28. Final results by judges for **Steele A Johnson** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Judge		1	2	3	4	5	6	Tot	Avg
		6243D	407C	207C	107B	307C	5253B		
1	Goodman, Ed D	6.50	7.50	7.50	6.50	8.00	8.50	44.5	7.42
2	Johnson, Jonathan	6.50	7.50	7.00	7.00	8.00	8.50	44.5	7.42
3	Sorgi, Erica	6.50	8.00	7.50	6.50	8.00	8.00	44.5	7.42
4	Ahlering, Julie	6.00	7.50	7.00	6.50	8.00	8.00	43.0	7.17
5	Richmond, Emily M	6.50	7.00	7.50	7.00	7.50	8.00	43.5	7.25
6	Krug, Dorothy A	7.00	7.50	8.00	7.00	7.00	8.00	44.5	7.42
7	Faber, Marc	7.00	7.50	7.50	6.50	7.50	8.00	44.0	7.33

Table 29. Final results by judges for **Benjamin Bramley** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Judge		1	2	3	4	5	6	Tot	Avg
		5253B	6243D	207C	307C	107B	407C		
1	Goodman, Ed D	8.00	7.00	4.00	6.50	8.00	7.50	41.0	6.83
2	Johnson, Jonathan	8.00	7.50	4.00	6.50	7.50	7.50	41.0	6.83
3	Sorgi, Erica	8.00	7.00	3.50	5.50	8.00	8.00	40.0	6.67
4	Ahlering, Julie	7.50	6.50	4.00	7.00	8.00	8.00	41.0	6.83
5	Richmond, Emily M	8.50	7.00	4.00	6.00	7.50	8.00	41.0	6.83
6	Krug, Dorothy A	7.50	7.00	4.00	6.00	8.00	8.50	41.0	6.83
7	Faber, Marc	8.50	7.00	3.50	6.50	8.00	8.00	41.5	6.92

Table 30. Final results by judges for **Tyler M Downs** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Judge		1	2	3	4	5	6	Tot	Avg
		407C	107B	207C	626C	307C	5253B		
1	Goodman, Ed D	7.50	8.00	6.00	7.50	5.50	7.50	42.0	7.00
2	Johnson, Jonathan	7.00	8.50	5.50	7.00	5.50	7.00	40.5	6.75
3	Sorgi, Erica	6.50	8.50	6.00	7.50	5.00	7.50	41.0	6.83
4	Ahlering, Julie	6.50	8.50	6.00	7.50	5.50	7.00	41.0	6.83
5	Richmond, Emily M	6.00	7.50	5.50	7.50	5.50	7.00	39.0	6.50
6	Krug, Dorothy A	7.00	8.00	6.00	7.00	4.50	7.00	39.5	6.58
7	Faber, Marc	7.00	8.00	5.50	7.50	5.00	6.50	39.5	6.58

Table 31. Final results by judges for **Maxwell R Weinrich** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Judge		1	2	3	4	5	6	Tot	Avg
		107B	407C	305C	207C	614B	5253B		
1	Goodman, Ed D	7.00	7.50	5.50	7.00	6.50	7.00	40.5	6.75
2	Johnson, Jonathan	7.00	7.50	5.50	7.50	7.00	7.50	42.0	7.00
3	Sorgi, Erica	7.00	7.50	6.00	8.00	7.00	7.00	42.5	7.08
4	Ahlering, Julie	7.00	7.50	5.50	8.00	7.00	7.00	42.0	7.00
5	Richmond, Emily M	7.00	7.50	5.00	8.00	7.00	7.00	41.5	6.92
6	Krug, Dorothy A	7.00	7.50	4.50	8.50	7.00	7.00	41.5	6.92
7	Faber, Marc	7.50	8.00	4.50	8.00	7.00	7.50	42.5	7.08

Table 32. Final results by judges for **Jacob R Cornish** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Judge		1	2	3	4	5	6	Tot	Avg
		6243D	107B	407C	207C	307C	5237D		
1	Goodman, Ed D	7.50	6.50	5.50	5.50	6.00	7.00	38.0	6.33
2	Johnson, Jonathan	7.50	6.50	5.50	5.50	5.50	7.50	38.0	6.33
3	Sorgi, Erica	7.50	7.00	5.50	4.50	5.50	7.50	37.5	6.25
4	Ahlering, Julie	7.50	7.00	5.00	4.50	5.00	7.00	36.0	6.00
5	Richmond, Emily M	7.00	7.00	5.50	5.50	5.50	7.00	37.5	6.25
6	Krug, Dorothy A	6.50	7.00	6.00	4.50	5.50	7.00	36.5	6.08
7	Faber, Marc	7.50	7.00	5.50	4.00	4.50	7.50	36.0	6.00

Table 33. Final results by judges for **Quentin R Henninger** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Judge		1	2	3	4	5	6	Tot	Avg
		201B	6243D	5253B	305C	107B	407C		
1	Goodman, Ed D	5.00	6.50	6.50	7.00	8.00	8.00	41.0	6.83
2	Johnson, Jonathan	4.50	7.00	7.00	6.00	8.00	8.50	41.0	6.83
3	Sorgi, Erica	5.00	6.50	7.00	6.00	8.50	8.00	41.0	6.83
4	Ahlering, Julie	5.50	7.00	5.50	6.50	7.50	8.00	40.0	6.67
5	Richmond, Emily M	5.50	6.50	6.50	6.50	8.00	8.00	41.0	6.83
6	Krug, Dorothy A	5.50	6.50	7.00	6.50	7.50	7.50	40.5	6.75
7	Faber, Marc	4.50	6.00	7.00	7.00	7.50	8.00	40.0	6.67

Table 34. Final results by judges for **Chase G Lane** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Judge		1	2	3	4	5	6	Tot	Avg
		107B	307C	207C	407C	6243D	5253B		
1	Goodman, Ed D	7.50	5.00	7.00	7.00	7.00	6.00	39.5	6.58
2	Johnson, Jonathan	6.50	5.00	6.00	7.00	6.50	5.50	36.5	6.08
3	Sorgi, Erica	6.50	4.50	6.50	6.50	6.50	5.50	36.0	6.00
4	Ahlering, Julie	6.00	4.50	6.50	7.00	7.00	6.00	37.0	6.17
5	Richmond, Emily M	6.50	4.50	6.00	6.00	7.00	6.00	36.0	6.00
6	Krug, Dorothy A	6.50	4.50	6.50	6.50	7.00	5.50	36.5	6.08
7	Faber, Marc	7.00	5.00	6.00	6.50	6.50	6.50	37.5	6.25

Table 35. Final results by judges for **Zach T Cooper** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Judge		1	2	3	4	5	6	Tot	Avg
		407C	307C	6245D	109C	207C	5255B		
1	Goodman, Ed D	7.50	5.00	5.50	6.50	7.00	6.50	38.0	6.33
2	Johnson, Jonathan	7.00	4.00	5.50	5.50	6.00	5.50	33.5	5.58
3	Sorgi, Erica	6.50	4.00	5.00	6.00	6.50	5.50	33.5	5.58
4	Ahlering, Julie	7.00	4.50	5.00	5.50	6.00	5.50	33.5	5.58
5	Richmond, Emily M	7.50	4.50	5.50	5.50	6.50	6.00	35.5	5.92
6	Krug, Dorothy A	8.00	4.00	5.50	5.50	6.00	5.50	34.5	5.75
7	Faber, Marc	8.00	4.00	5.00	5.50	6.50	5.50	34.5	5.75

Table 36. Final results by judges for **Jordan N Rzepka** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Judge		1	2	3	4	5	6	Tot	Avg
		407C	6243D	207C	307C	109C	5156B		
1	Goodman, Ed D	2.00	6.50	5.50	5.50	6.00	4.50	30.0	5.00
2	Johnson, Jonathan	7.00	7.00	5.00	6.00	6.50	3.00	34.5	5.75
3	Sorgi, Erica	2.00	6.50	5.50	5.50	6.50	5.00	31.0	5.17
4	Ahlering, Julie	6.50	7.00	5.50	6.00	6.00	5.50	36.5	6.08
5	Richmond, Emily M	4.50	7.00	4.50	6.00	6.50	5.00	33.5	5.58
6	Krug, Dorothy A	5.50	6.50	5.00	5.00	7.00	5.00	34.0	5.67
7	Faber, Marc	8.00	7.00	5.00	5.50	6.00	4.50	36.0	6.00

Table 37. Final results by judges for **Jacob A Siler** in Senior Men Platform: 2019 USA Diving Senior National Diving Championships. Source: Dive Meets [2].

Judge		1	2	3	4	5	6	Tot	Avg
		5154B	207C	626C	307C	407C	107B		
1	Goodman, Ed D	4.50	4.50	6.00	3.50	6.00	7.00	31.5	5.25
2	Johnson, Jonathan	5.00	4.00	6.50	2.00	6.00	6.50	30.0	5.00
3	Sorgi, Erica	5.50	4.50	6.50	2.00	5.50	7.00	31.0	5.17
4	Ahlering, Julie	5.00	4.50	6.00	3.50	5.50	7.00	31.5	5.25
5	Richmond, Emily M	5.00	5.00	6.00	2.00	5.50	7.00	30.5	5.08
6	Krug, Dorothy A	6.00	4.00	6.00	2.50	5.50	6.50	30.5	5.08
7	Faber, Marc	5.00	4.00	6.50	2.00	5.50	6.50	29.5	4.92

Table 38. F_1 : Judge Ed D Goodman.

F_1	t_1	t_2	t_3	t_4	t_5	t_6
o_1	17	13	17	12	14	15
o_2	17	15	15	12	12	16
o_3	13	15	15	13	16	17
o_4	16	14	8	13	16	15
o_5	15	16	12	15	11	15
o_6	14	15	11	14	13	14
o_7	15	13	11	11	12	14
o_8	10	13	13	14	16	16
o_9	15	10	14	14	14	12
o_{10}	15	10	11	13	14	13
o_{11}	4	13	11	11	12	9
o_{12}	9	9	12	7	12	14

Table 39. F_2 : Judge Jonathan Johnson.

F_2	t_1	t_2	t_3	t_4	t_5	t_6
o_1	16	14	17	14	14	14
o_2	16	16	14	12	13	16
o_3	13	15	14	14	16	17
o_4	16	15	8	13	15	15
o_5	14	17	11	14	11	14
o_6	14	15	11	15	14	15
o_7	15	13	11	11	11	15
o_8	9	14	14	12	16	17
o_9	13	10	12	14	13	11
o_{10}	14	8	11	11	12	11
o_{11}	14	14	10	12	13	6
o_{12}	10	8	13	4	12	13

Table 40. F_3 : Judge Erica Sorgi.

F_3	t_1	t_2	t_3	t_4	t_5	t_6
o_1	17	13	17	13	14	14
o_2	17	17	15	10	13	17
o_3	13	16	15	13	16	16
o_4	16	14	7	11	16	16
o_5	13	17	12	15	10	15
o_6	14	15	12	16	14	14
o_7	15	14	11	9	11	15
o_8	10	13	14	12	17	16
o_9	13	9	13	13	13	11
o_{10}	13	8	10	12	13	11
o_{11}	4	13	11	11	13	10
o_{12}	11	9	13	4	11	14

Table 41. F_4 : Judge Julie Ahlering.

F_4	t_1	t_2	t_3	t_4	t_5	t_6
o_1	17	14	16	14	13	13
o_2	15	16	14	11	13	17
o_3	12	15	14	13	16	16
o_4	15	13	8	14	16	16
o_5	13	17	12	15	11	14
o_6	14	15	11	16	14	14
o_7	15	14	10	9	10	14
o_8	11	14	11	13	15	16
o_9	12	9	13	14	14	12
o_{10}	14	9	10	11	12	11
o_{11}	13	14	11	12	12	11
o_{12}	10	9	12	7	11	14

Table 42. F_5 : Judge Emily M Richmond.

F_5	t_1	t_2	t_3	t_4	t_5	t_6
o_1	16	14	17	13	14	13
o_2	16	17	14	12	13	16
o_3	13	14	15	14	15	16
o_4	17	14	8	12	15	16
o_5	12	15	11	15	11	14
o_6	14	15	10	16	14	14
o_7	14	14	11	11	11	14
o_8	11	13	13	13	16	16
o_9	13	9	12	12	14	12
o_{10}	15	9	11	11	13	12
o_{11}	9	14	9	12	13	10
o_{12}	10	10	12	4	11	14

Table 43. F_6 : Judge Dorothy A Krug.

F_6	t_1	t_2	t_3	t_4	t_5	t_6
o_1	16	14	17	13	14	13
o_2	17	16	14	12	13	15
o_3	14	15	16	14	14	16
o_4	15	14	8	12	16	17
o_5	14	16	12	14	9	14
o_6	14	15	9	17	14	14
o_7	13	14	12	9	11	14
o_8	11	13	14	13	15	15
o_9	13	9	13	13	14	11
o_{10}	16	8	11	11	12	11
o_{11}	11	13	10	10	14	10
o_{12}	12	8	12	5	11	13

Table 44. F_7 : Judge Marc Faber.

F_7	t_1	t_2	t_3	t_4	t_5	t_6
o_1	18	14	17	13	14	14
o_2	16	17	16	11	12	16
o_3	14	15	15	13	15	16
o_4	17	14	7	13	16	16
o_5	14	16	11	15	10	13
o_6	15	16	9	16	14	15
o_7	15	14	11	8	9	15
o_8	9	12	14	14	15	16
o_9	14	10	12	13	13	13
o_{10}	16	8	10	11	13	11
o_{11}	16	14	10	11	12	9
o_{12}	10	8	13	4	11	13

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