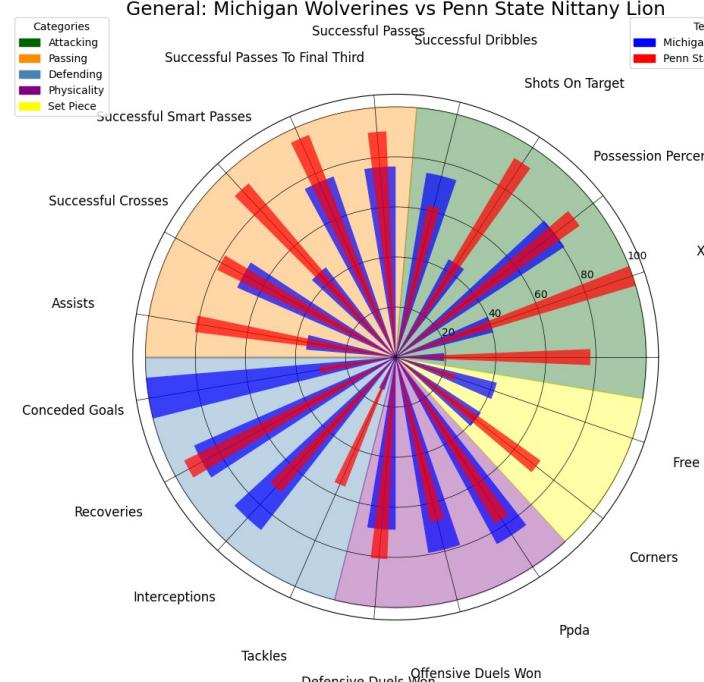


Michigan vs Penn State

Michigan	Big10	Stats are Per 90 min	Big10	Penn State
WWDWW	TBD	Form (last 5)	TBD	WLWL
1.6	TBD	Goals	TBD	1.75
1.04	TBD	Expected Goals	TBD	0.82
0.4	TBD	Conceded Goals	TBD	1.50
49.2%	TBD	Possession (%)	TBD	49.36 %
8.6 (3.6)	TBD	Shots (on goal)	TBD	10.75 (4)
377.2 (80.59%)	TBD	Passes Complete (accuracy %)	TBD	460.50 (384.50)
238.4	TBD	Duels (per 90 minutes)	TBD	220 (103.75)
10.522	TBD	PPDA	TBD	11.78



Penn State (last 4):
 [9/2] W 4:0 vs St. Bonaventure
 [8/31] L 2:1 vs Pitt
 [8/25] W 2:1 vs Army
 [8/23] L 3:0 at Clemson

Michigan (last 5):
 [9/7] W 1:2 vs Detroit Mercy
 [9/2] W 1:2 vs Bowling green
 [8/30] D 0:2 vs Oregon State
 [8/25] W 0:2 at Oakland
 [8/22] W 0:3 at Loyola Chicago

Formations Penn State:



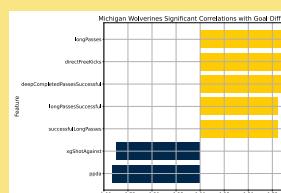
Key subs Penn State:



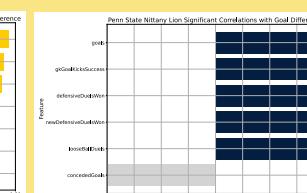
Keys to the game!

- Dionne:** 2 Goals, 2 Assists
- Cisset & Liscum:** 20+ aerial duels in 4 games each
- Henderson:** 2 Goal (attacking LB)
- Kato(#9):** Has not played this season

Michigan



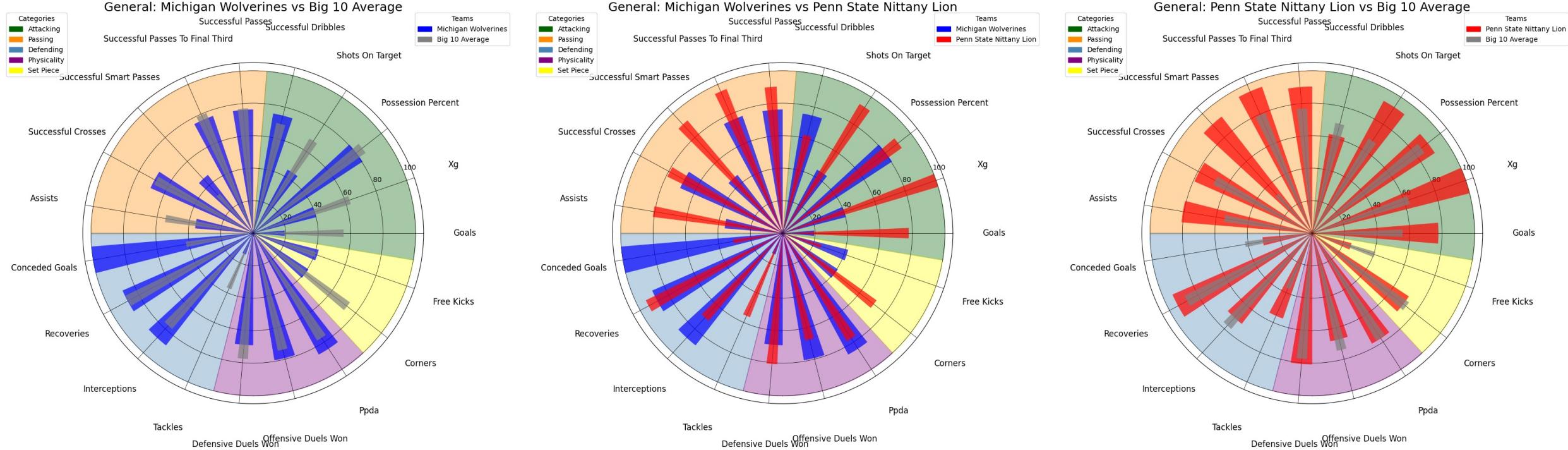
Penn State



- Win loose ball duels and offensive duels
- Long successful passes have been leading to our goals
- Minimizing PPDA is important
- Stop crosses from Penn State's left side

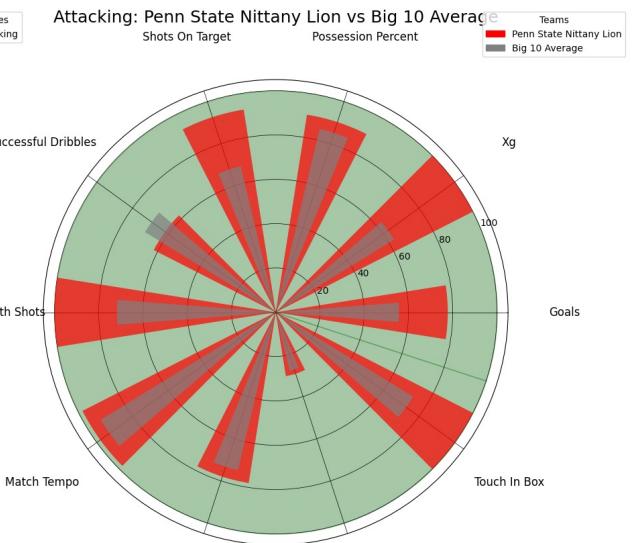
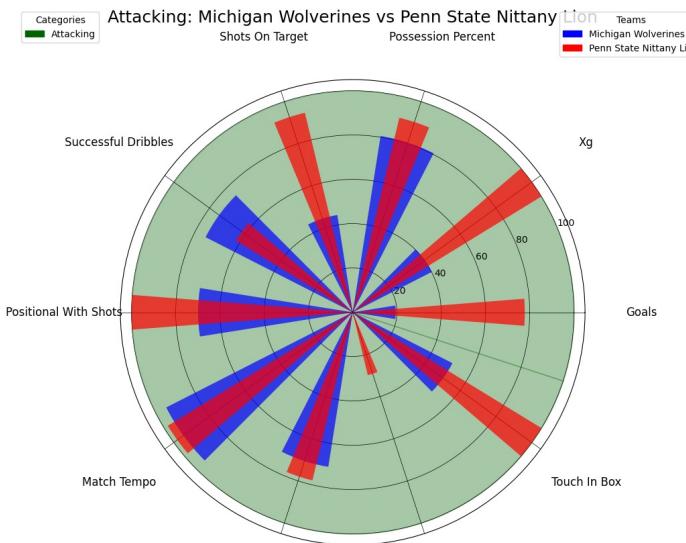
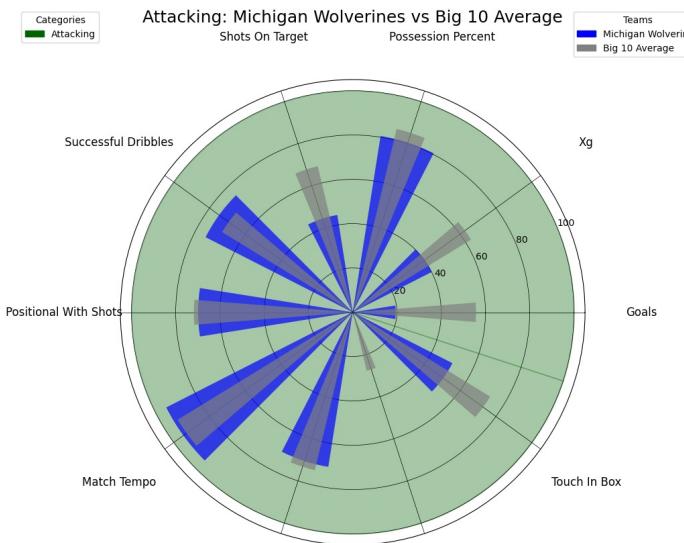
For more details click [here](#).

Team Radar Plots



Left: Michigan vs Big 10 Average; Center: Michigan vs Penn State; Right: Penn State vs Big 10 Average

Attacking

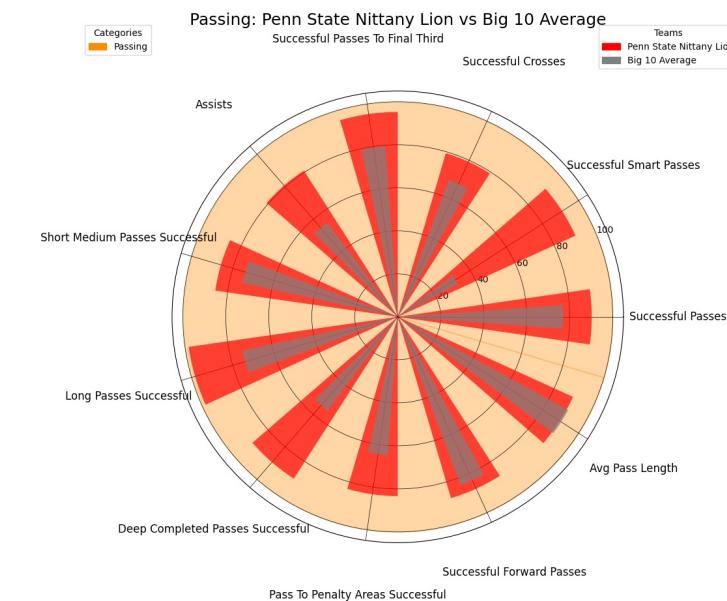
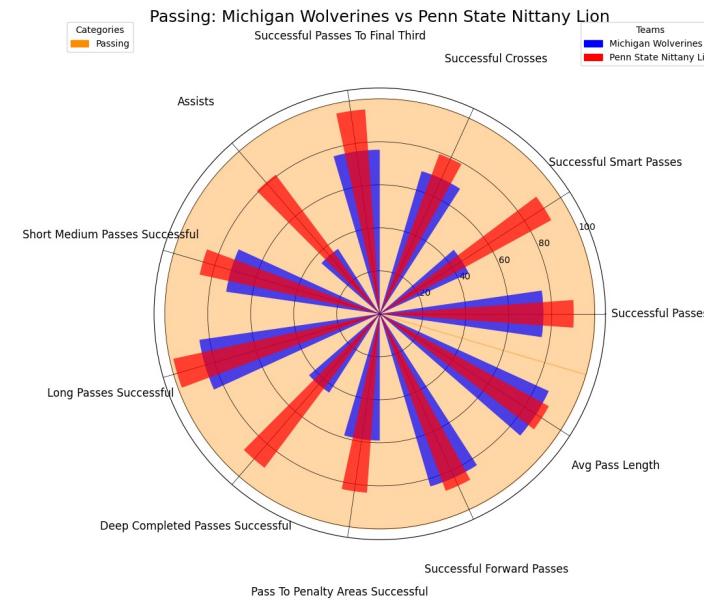
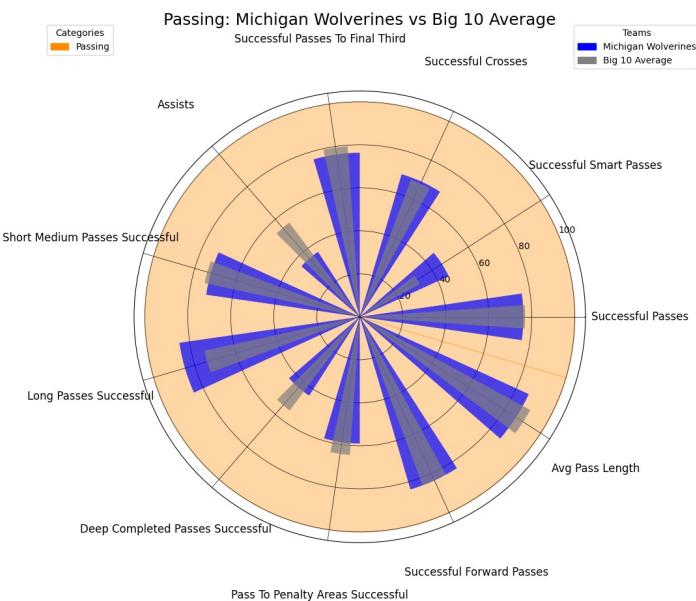


Michigan	Big10	Stats are Per 90 min	Big10	Penn State
1.6	TBD	Goals	TBD	1.75
1.038	TBD	Xgoals	TBD	0.82
49.2 %	TBD	Possession	TBD	49.36 %
8.6 (3.6)	TBD	Shots (on target)	TBD	10.75 (4)
29.20 (6.2)	TBD	Positional attaches (with shots)	TBD	29.25 (7.50)
0.4	TBD	Counterattacks (with shots)	TBD	0
0	TBD	Penalties (converted)	TBD	0
19.80	TBD	Penalty area entries	TBD	18.50
13.2	TBD	Touches in penalty area	TBD	12.75
3	TBD	Offside	TBD	1.75
14.68	TBD	Match Tempo	TBD	15.64
17.11	TBD	Average shot distance	TBD	19.39
2.40 (0.4)	TBD	Shots outside penalty area (accurate)	TBD	5.50 (2)



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Passing



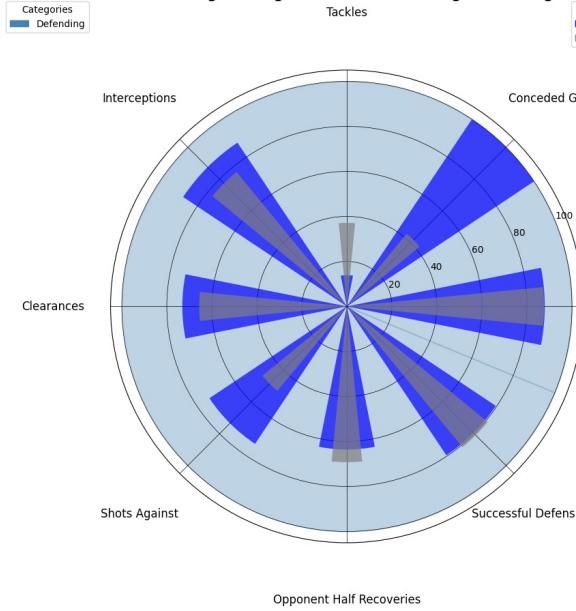
Michigan	Big10	Stats are Per 90 min	Big10	Penn State
377.2 (304)	TBD	Passes (accurate)	TBD	460.50 (384.50)
12.4 (4.8)	TBD	Crosses (accurate)	TBD	11 (4)
4.20	TBD	Deep crosses	TBD	4
4.40	TBD	Deep passes	TBD	3.5
129 (84)	TBD	Forward passes (accurate)	TBD	153.25 (104.25)
72.6 (67.4)	TBD	Back passes (accurate)	TBD	71.75 (68.50)
136.40 (122.20)	TBD	Lateral passes (accurate)	TBD	178.50 (165.25)
50.4 (21.6)	TBD	Long passes (accurate)	TBD	54 (23.75)
49.20 (27)	TBD	Passes to final third (accurate)	TBD	70 (43)
44.6	TBD	Progressive passes (accurate)	TBD	77.75 (55.50)
0.6 (0.4)	TBD	Smart passes (accurate)	TBD	2.25 (0.5)
3.48	TBD	Average pass per possession	TBD	4.38
22.15	TBD	Average pass length	TBD	20.69



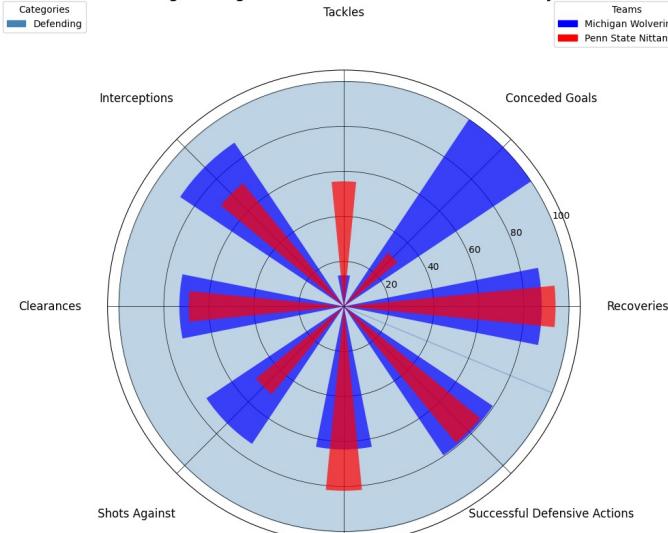
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Defending

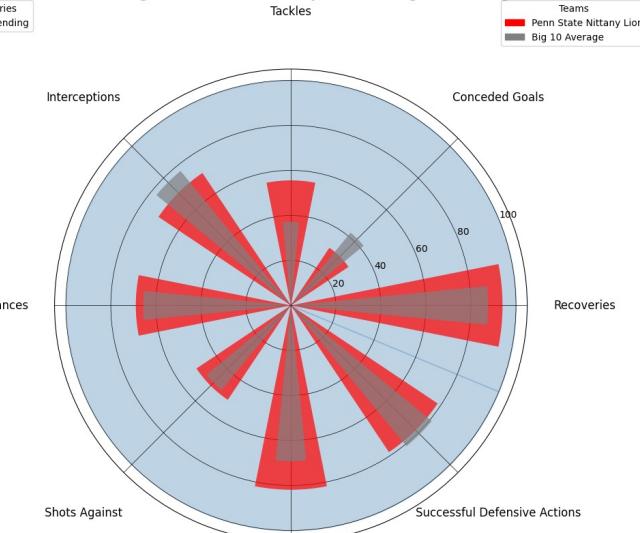
Defending: Michigan Wolverines vs Big 10 Average



Defending: Michigan Wolverines vs Penn State Nittany Lion



Defending: Penn State Nittany Lion vs Big 10 Average

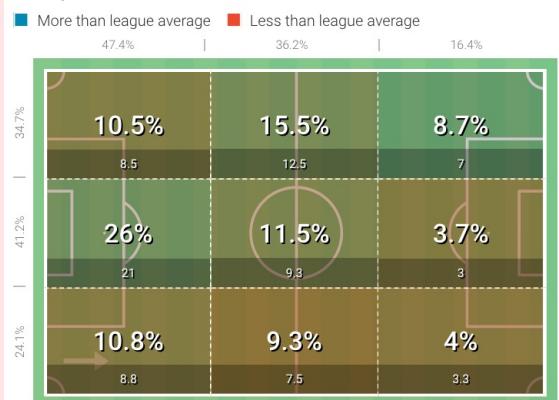


Michigan	Big10	Stats are Per 90 min	Big10	Penn State
0.40	TBD	Conceded goals	TBD	1.50
13.60 (3.60)	TBD	Shorts against (on target)	TBD	13.50 (3.50)
75.20 (36, 28.80, 10.40)	TBD	Recoveries (low, medium, high)	TBD	80.75 (38.25, 29.25, 13.25)
3.60 (2)	TBD	Sliding tackles (successful)	TBD	2.75 (1.25)
39.40	TBD	Interceptions	TBD	42.25
16	TBD	Clearances	TBD	14
10.52	TBD	PPDA	TBD	11.78

Recoveries in final third



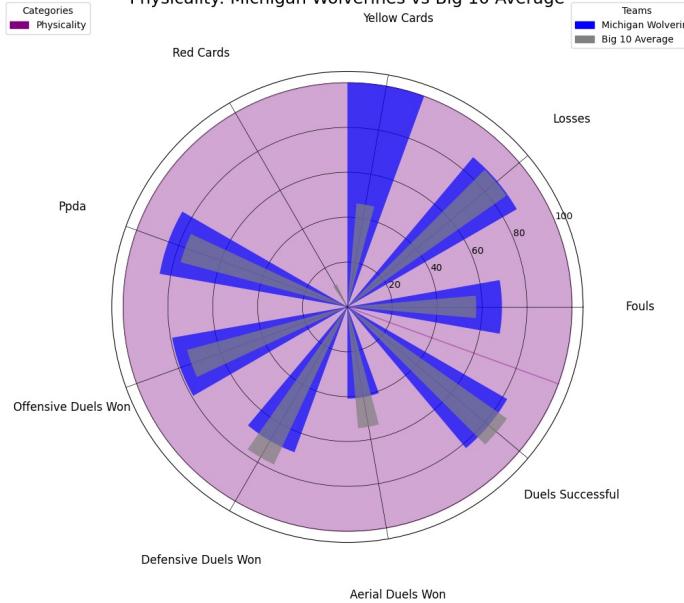
Ball possession recoveries



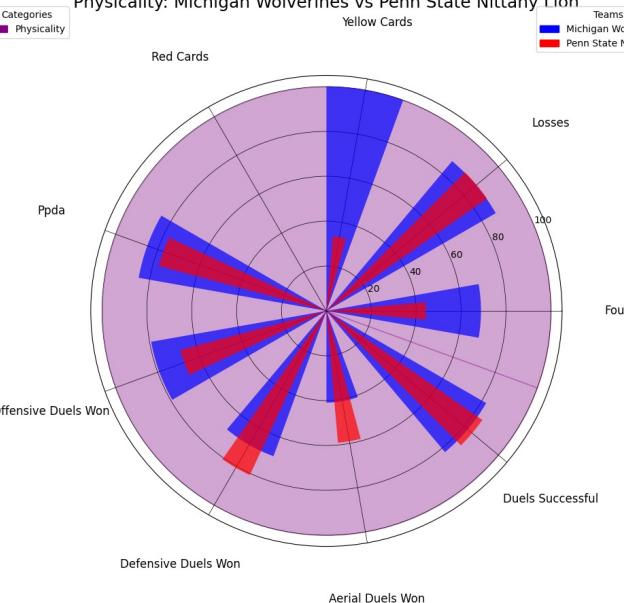
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Physicality

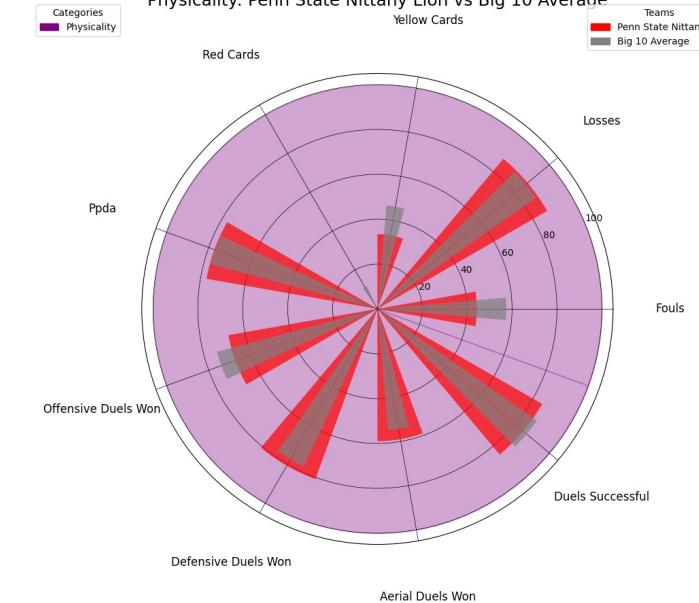
Physicality: Michigan Wolverines vs Big 10 Average



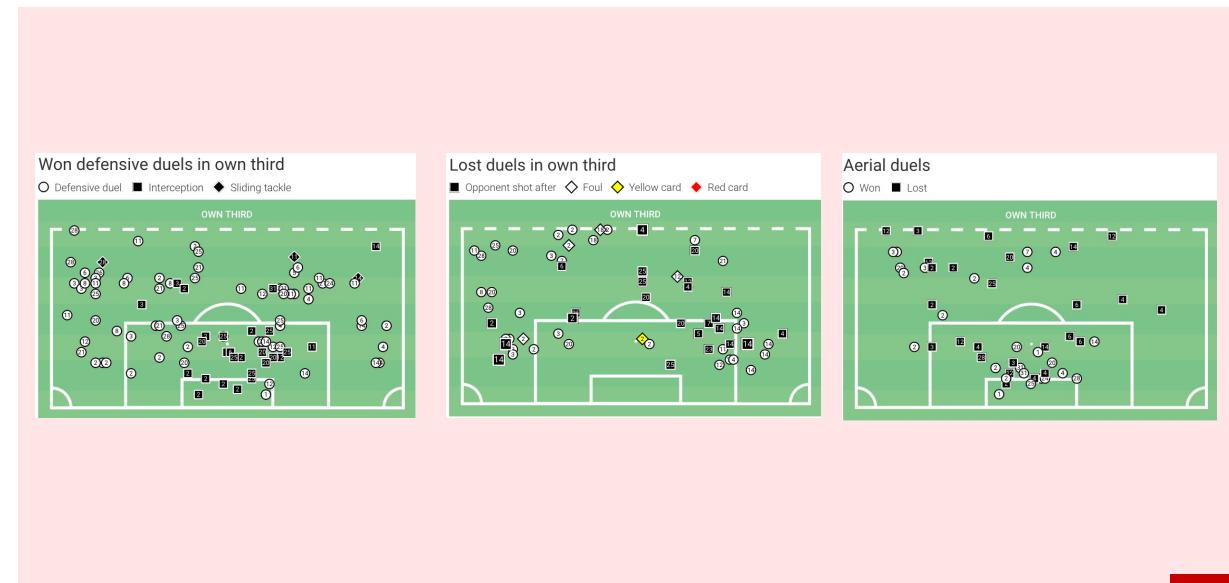
Physicality: Michigan Wolverines vs Penn State Nittany Lion



Physicality: Penn State Nittany Lion vs Big 10 Average

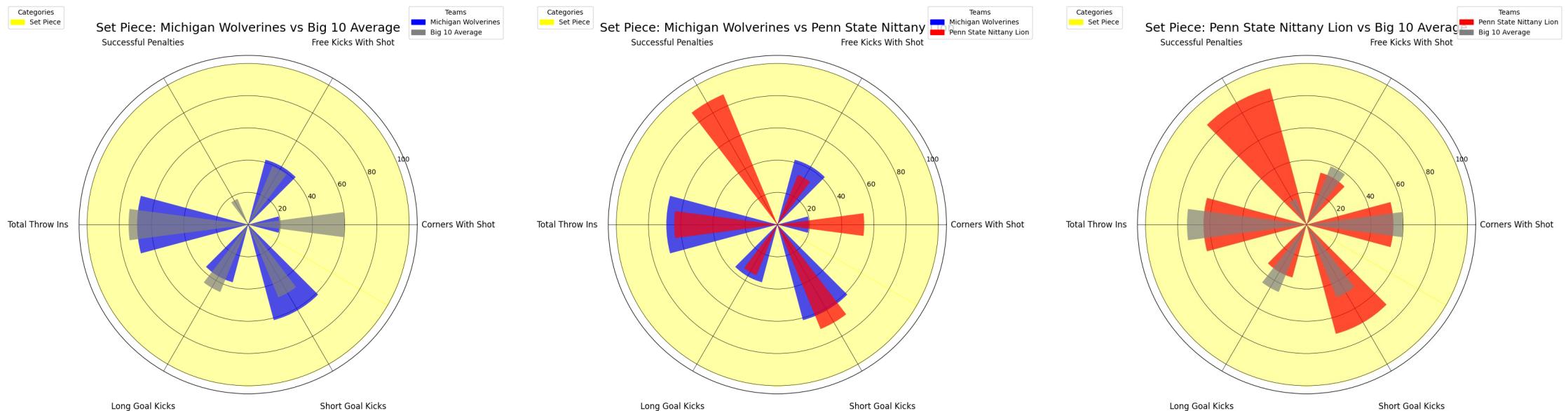


Michigan	Big10	Stats are Per 90 min	Big10	Penn State
12.40	TBD	Fouls	TBD	11.50
103 (21, 34.80, 47.20)	TBD	Losses (low, medium, high)	TBD	113.50 (19, 38.50, 56)
238.40 (112.80)	TBD	Duels (won)	TBD	220 (103.75)
82 (54.60)	TBD	Defensive duels (won)	TBD	76.50 (43.25)
84 (27.40)	TBD	Offensive duels (won)	TBD	70.75 (30)
43 (20.60)	TBD	Aerial duels (won)	TBD	49.25 (21.25)
2.60	TBD	Yellow cards	TBD	1.50
0	TBD	Red cards	TBD	0.25
10.52	TBD	PPDA	TBD	11.78



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Set Pieces

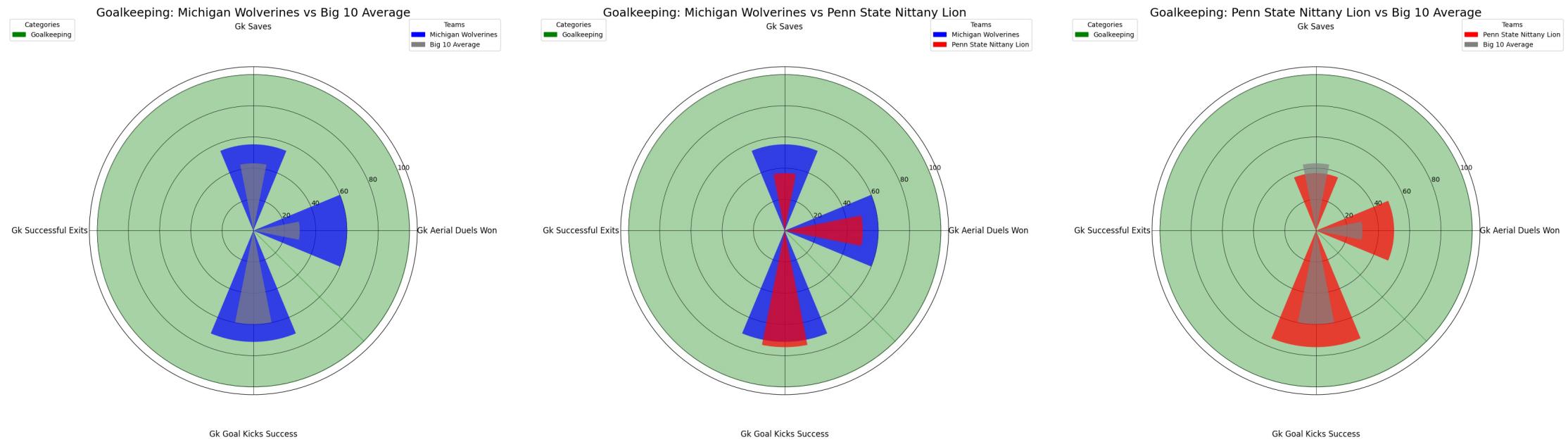


Michigan	Big10	Stats are Per 90 min	Big10	Penn State
25.60 (1.80)	TBD	Set pieces (with shots)	TBD	25.25 (2)
2.40 (0.60)	TBD	Corners (with shots)	TBD	4.25 (1.25)
2.8 (0.80)	TBD	Free kicks (with shots)	TBD	3 (0.5)
24.40 (21)	TBD	Throw ins (accurate)	TBD	20.50 (17)
0	TBD	Penalties	TBD	0
8.20	TBD	Goal kicks	TBD	8.25



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Goalkeeping



Michigan	Big10	Stats are Per 90 min	Big10	Penn State
0.56	TBD	Aerial Duels (Won)	TBD	0.87
3.05	TBD	Saves	TBD	1.74
1.42	TBD	Exits	TBD	2.17
2.95	TBD	Goal Kicks short	TBD	1.74
3.25	TBD	Goal Kicks Long	TBD	4.78

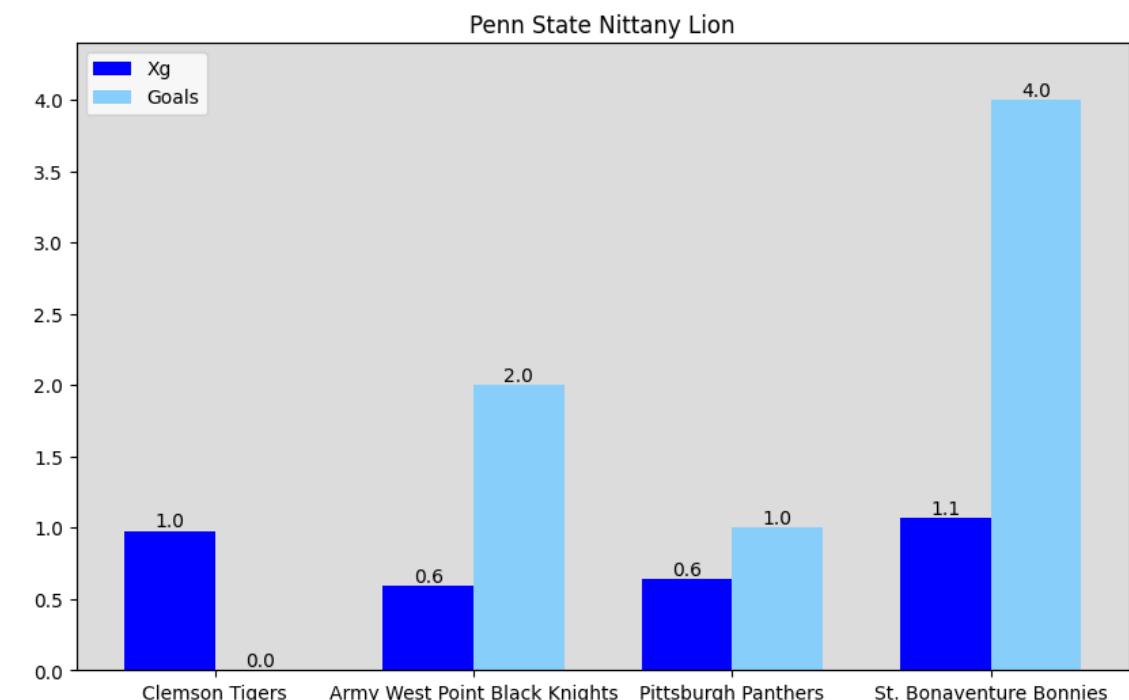
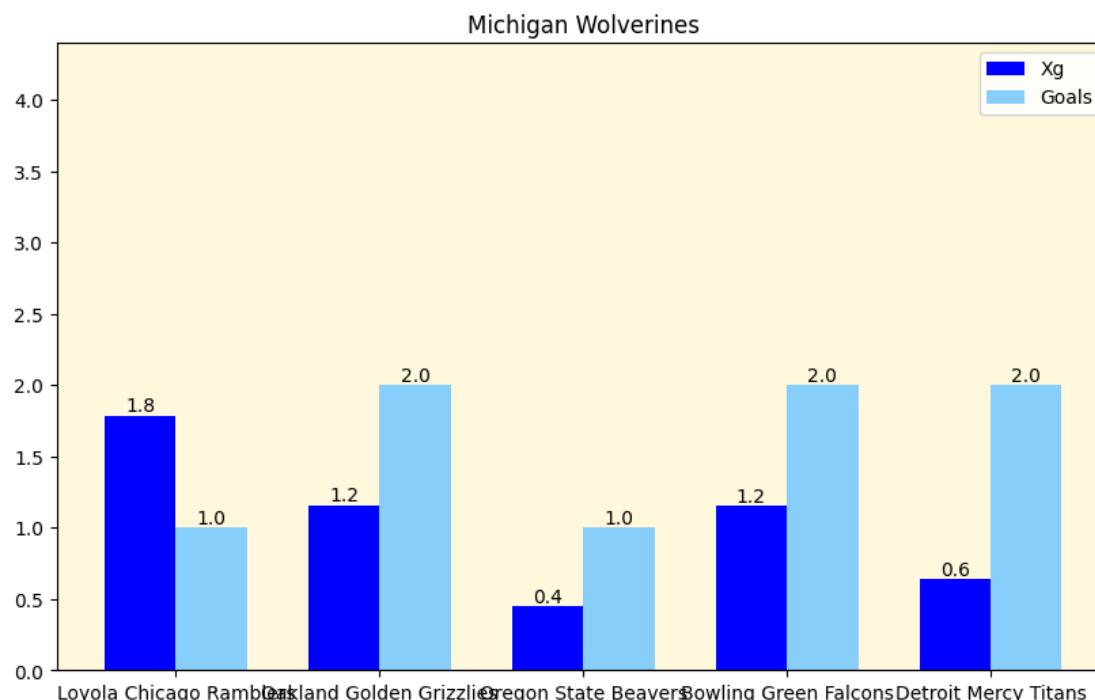
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Table Data

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Goals & Expected Goals

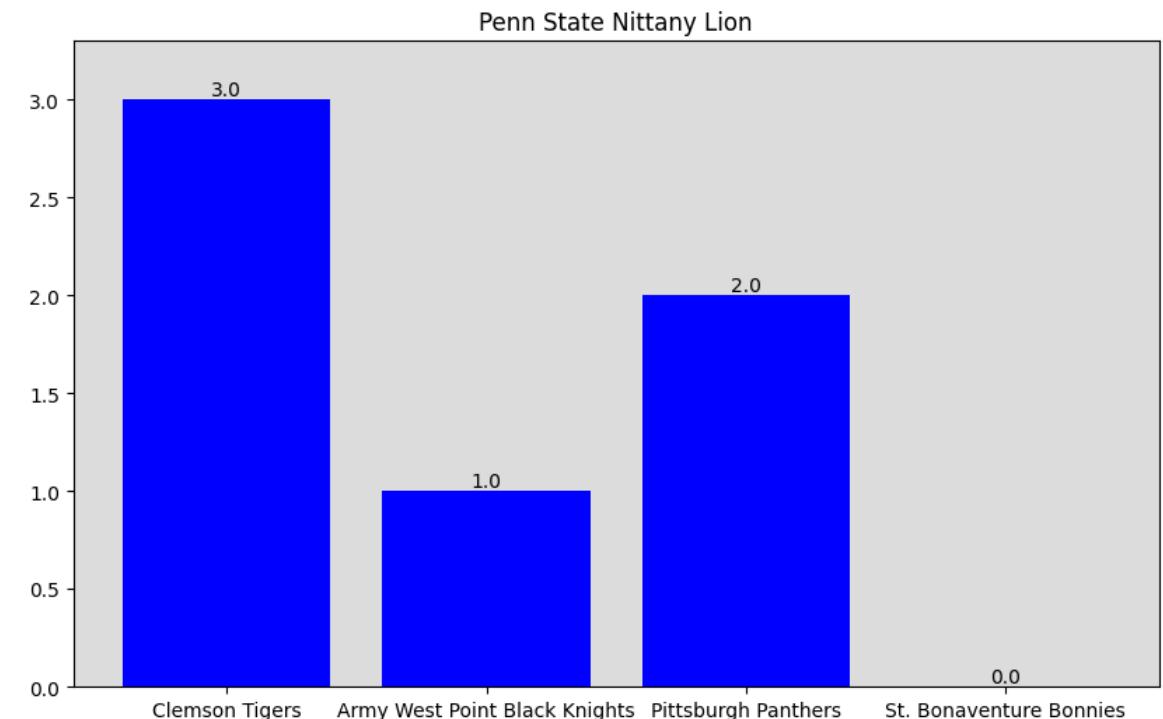
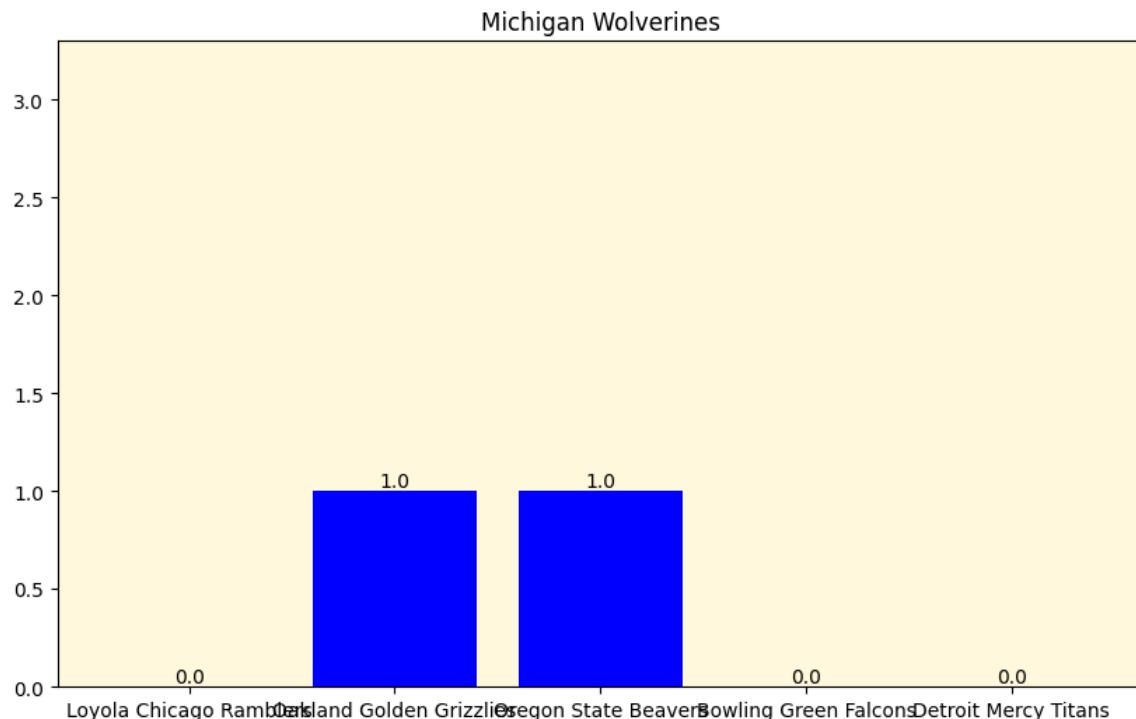
Last 5 Games: Xg vs Goals



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Conceded Goals

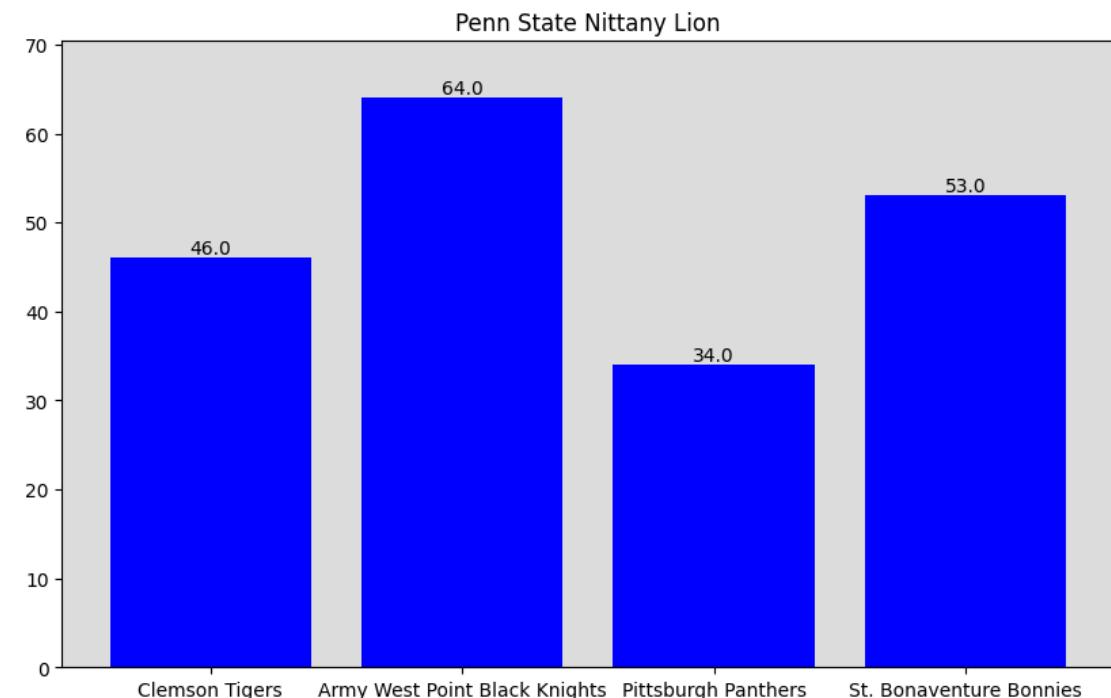
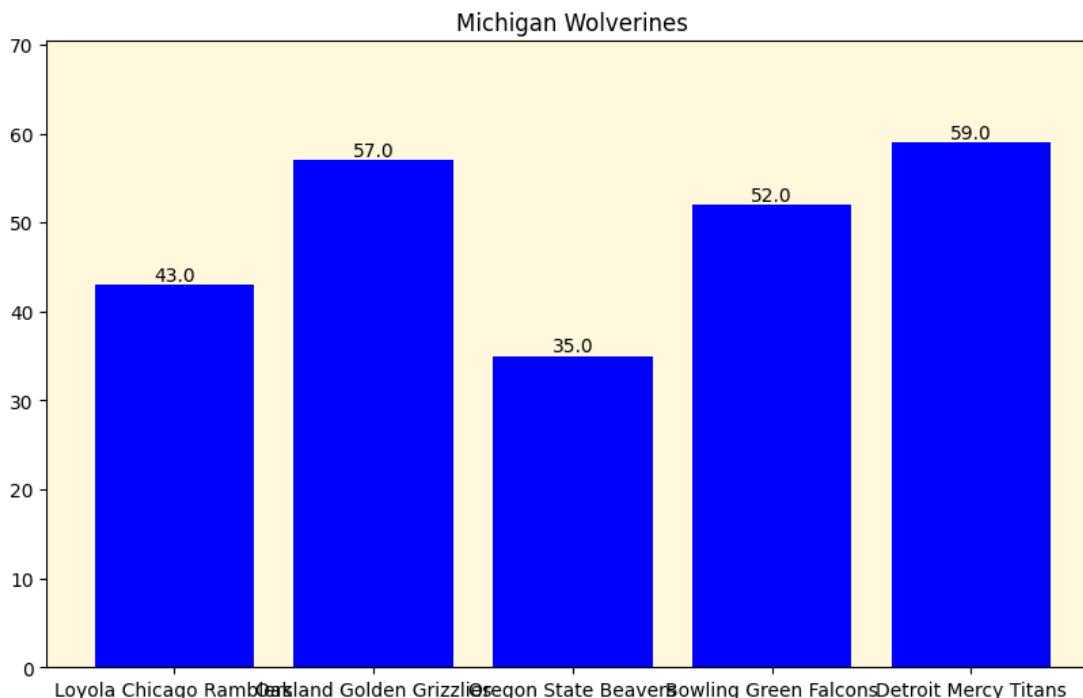
Last 5 Games: Conceded Goals



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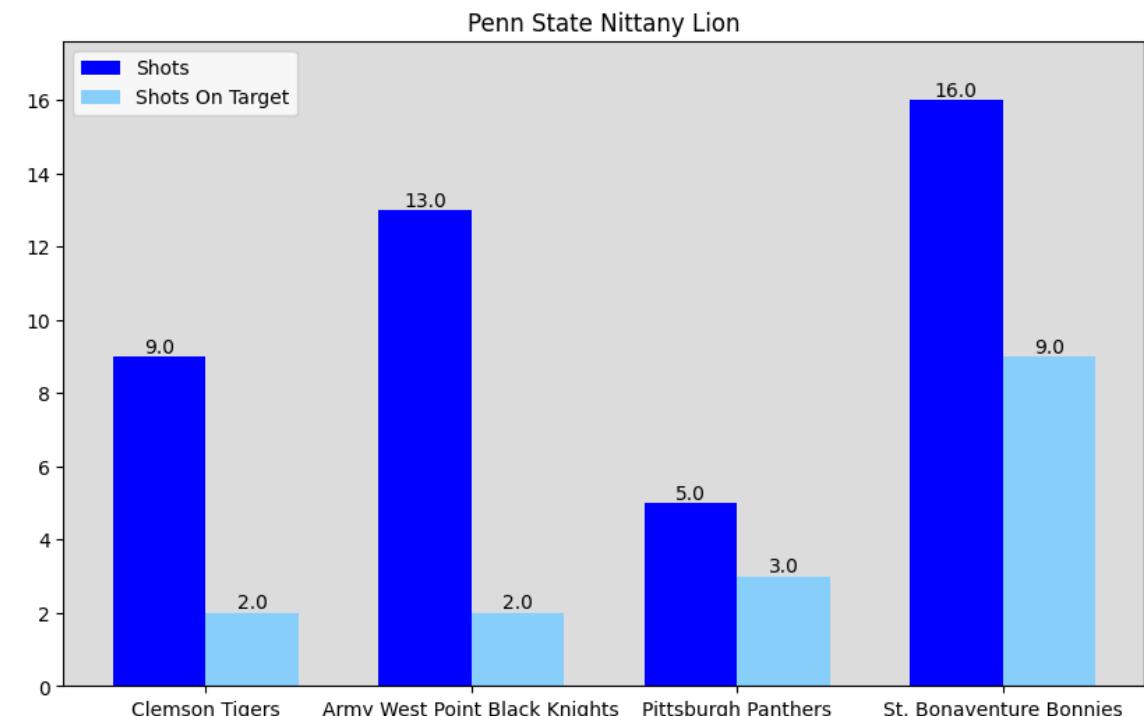
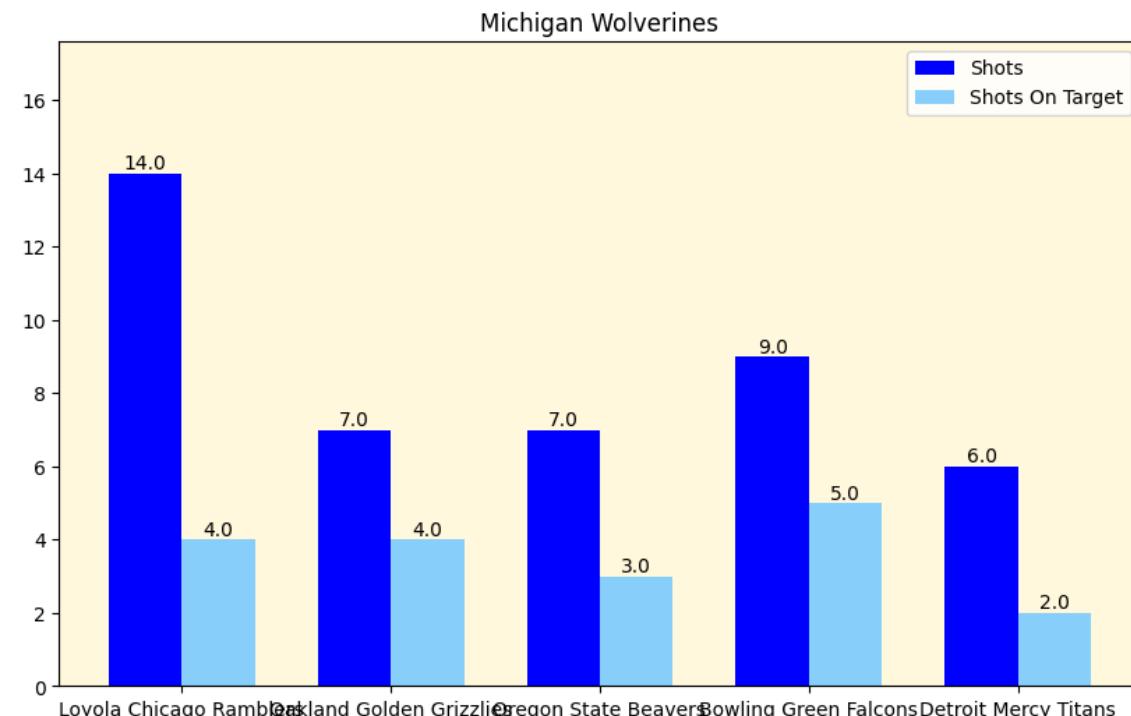
Possession

Last 5 Games: Possession Percent



Shots (on goal)

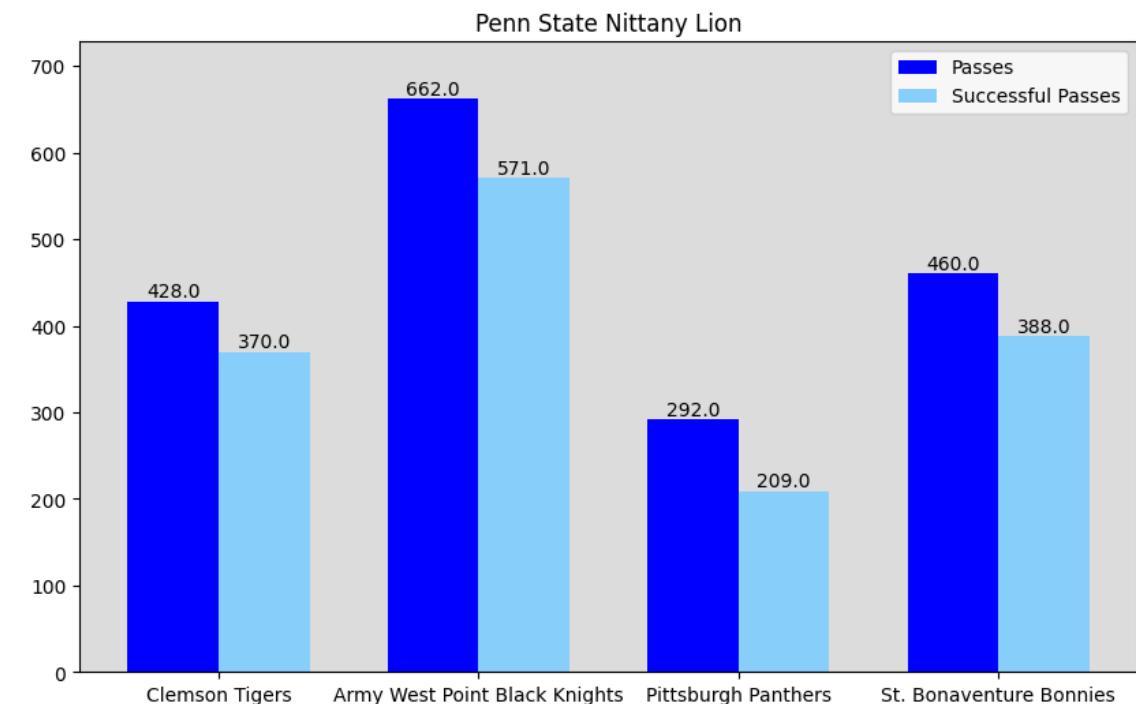
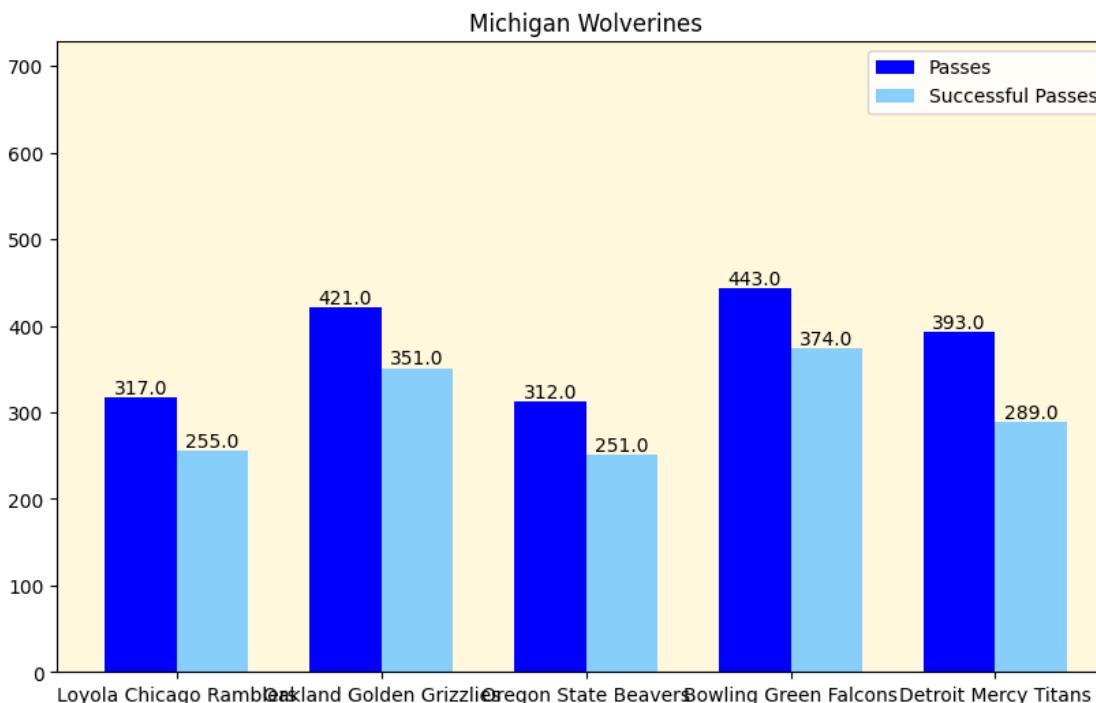
Last 5 Games: Shots vs Shots On Target



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Passes complete (accuracy %)

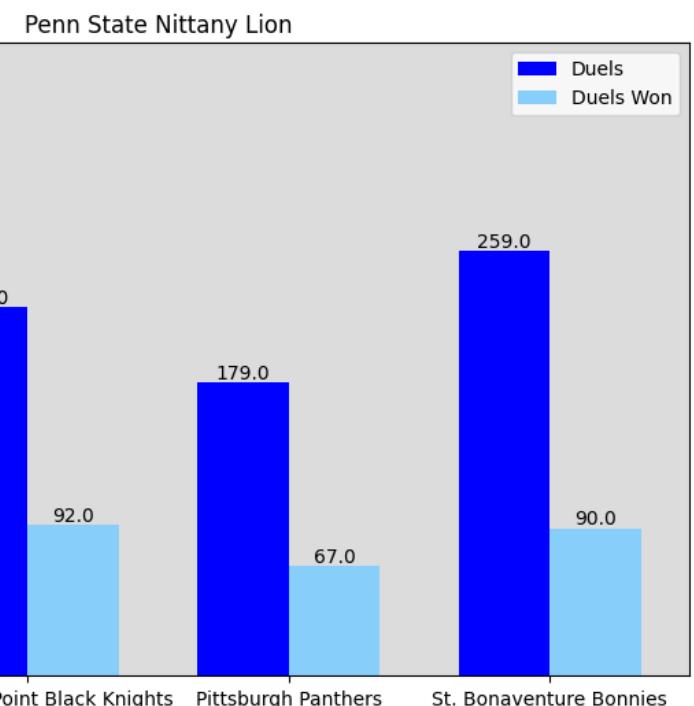
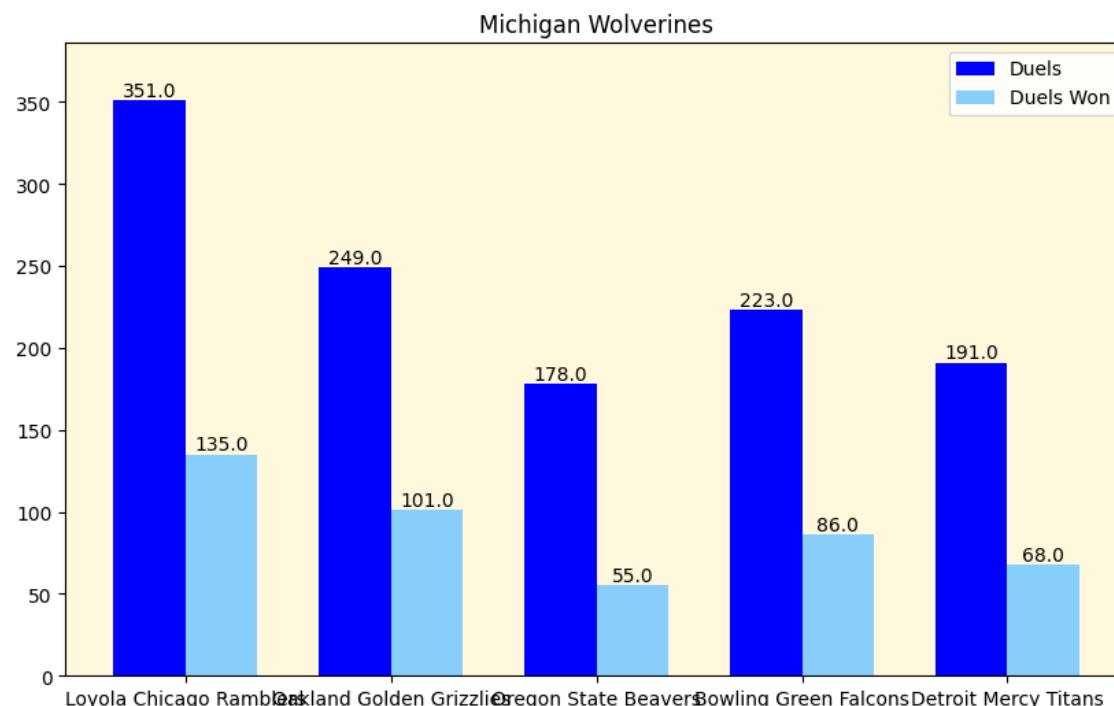
Last 5 Games: Passes vs Successful Passes



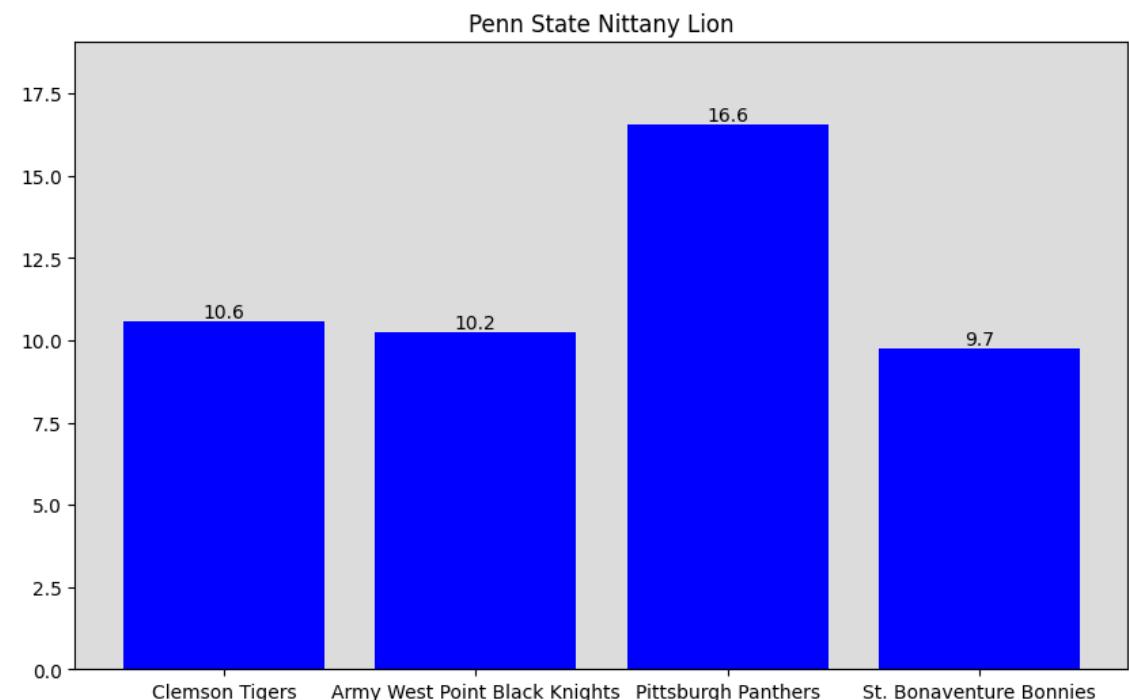
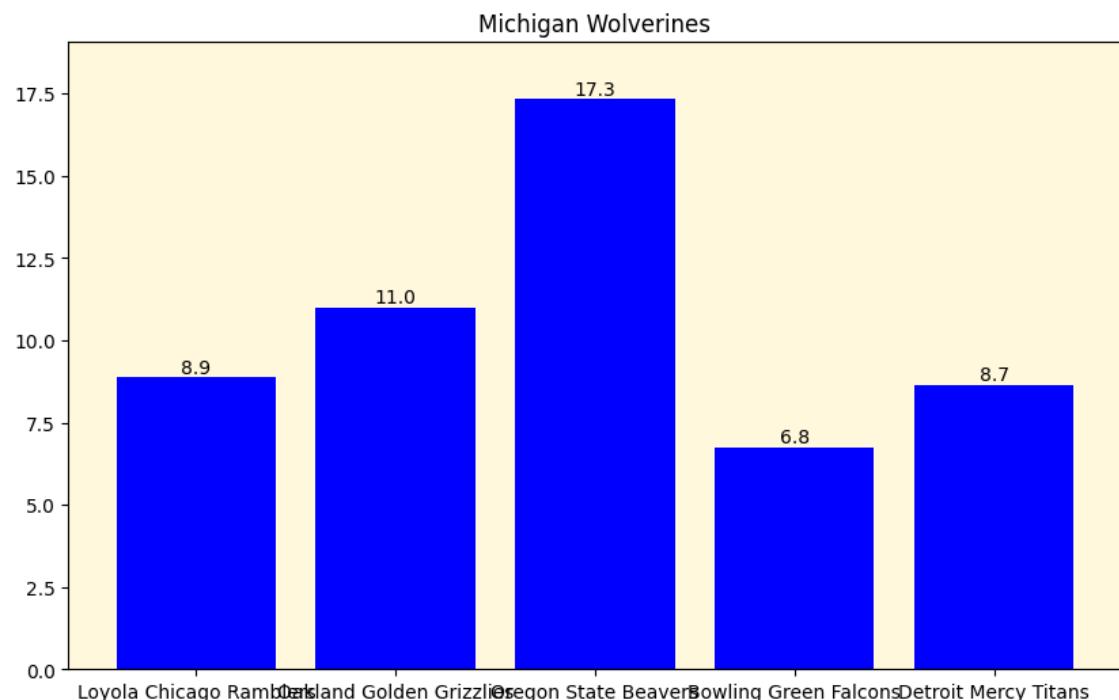
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Duels

Last 5 Games: Duels vs Duels Won



Last 5 Games: Ppda



Penn State Players

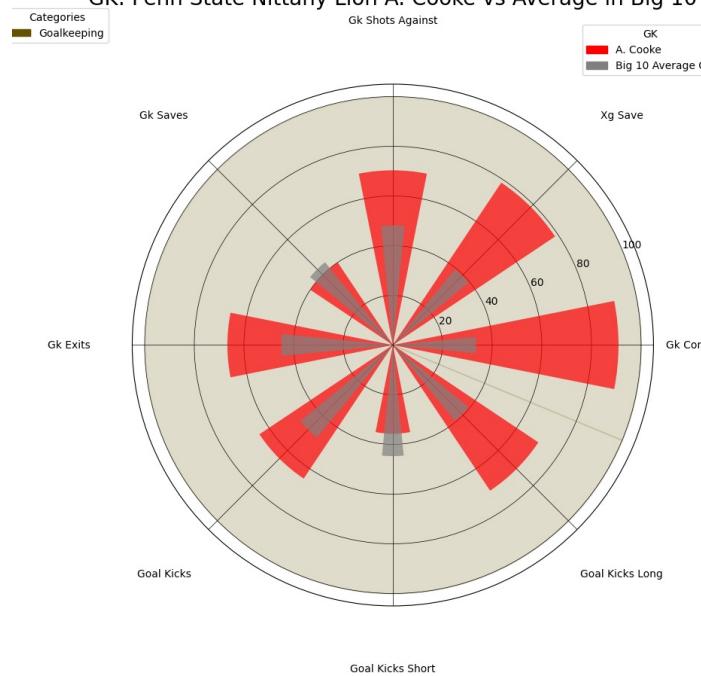
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Cooke #0

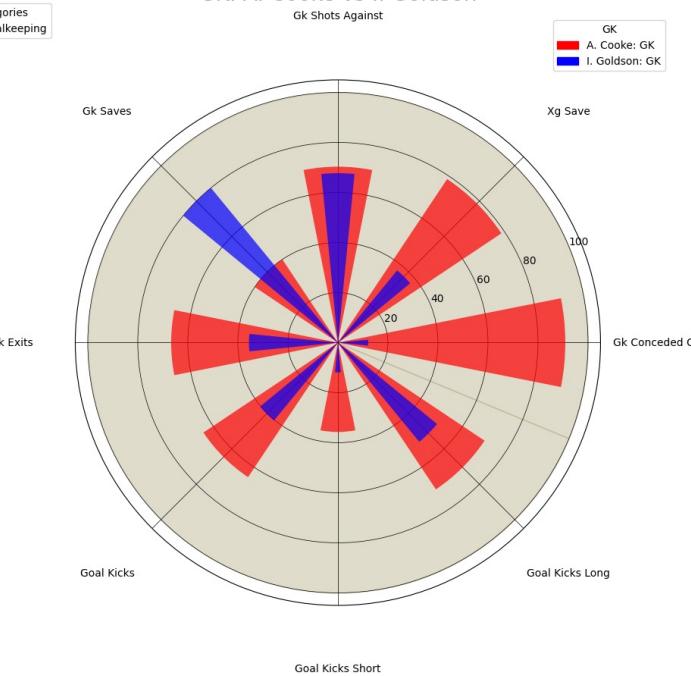


Position(s): GK
Average Minutes: 90

GK: Penn State Nittany Lion A. Cooke vs Average in Big 10



GK: A. Cooke vs I. Goldson



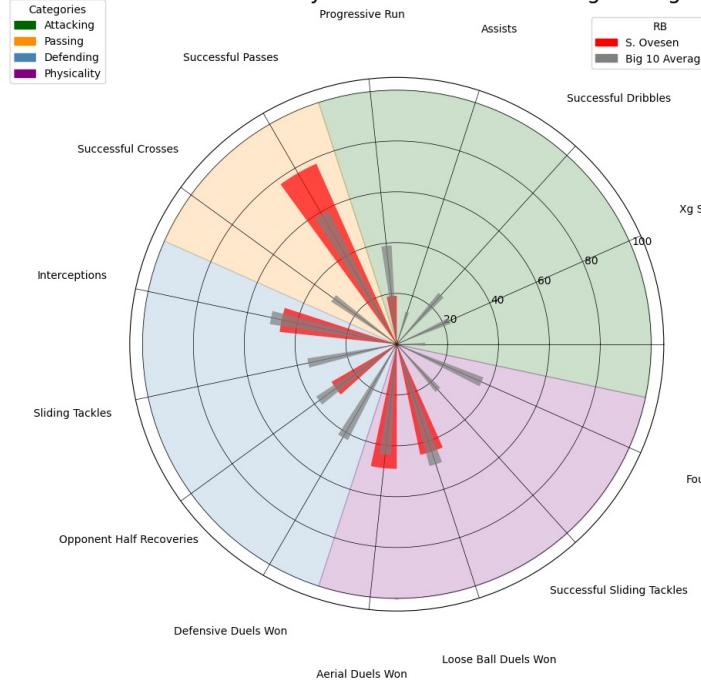
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Ovesen #4

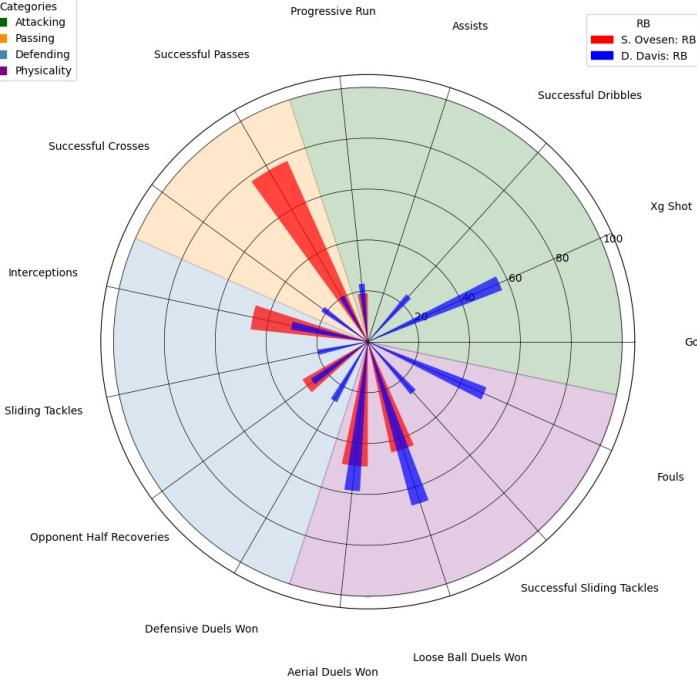


Position(s): RB
Average Minutes: 83

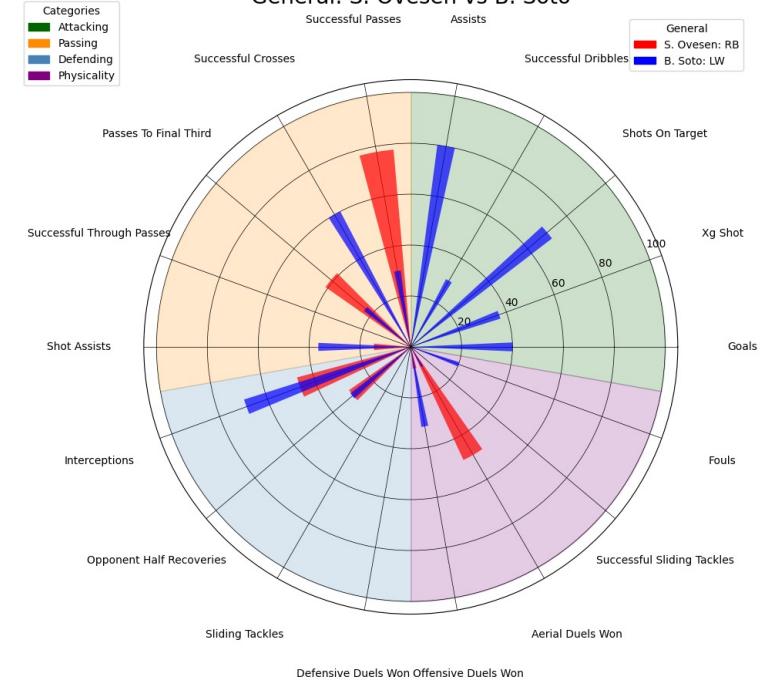
RB: Penn State Nittany Lion S. Ovesen vs Average in Big 10



RB: S. Ovesen vs D. Davis



General: S. Ovesen vs B. Soto

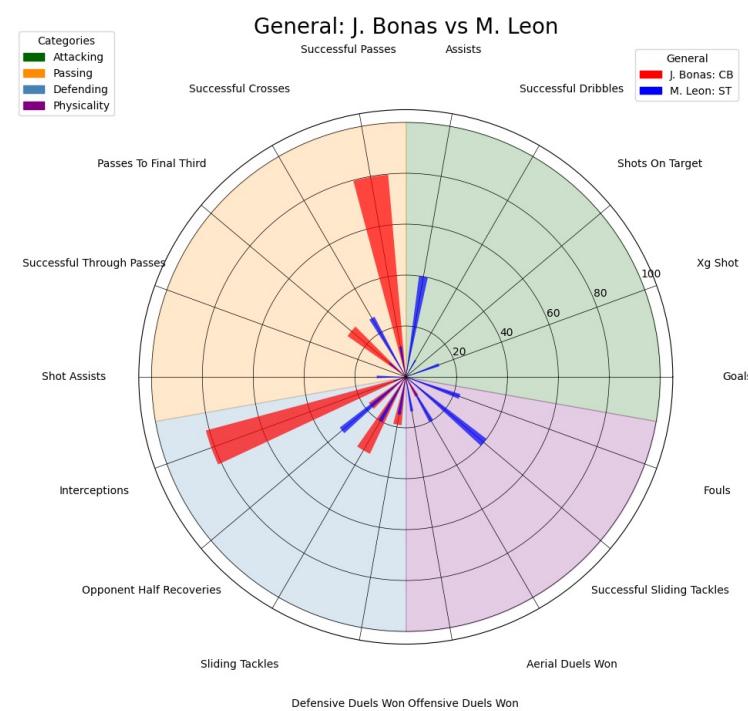
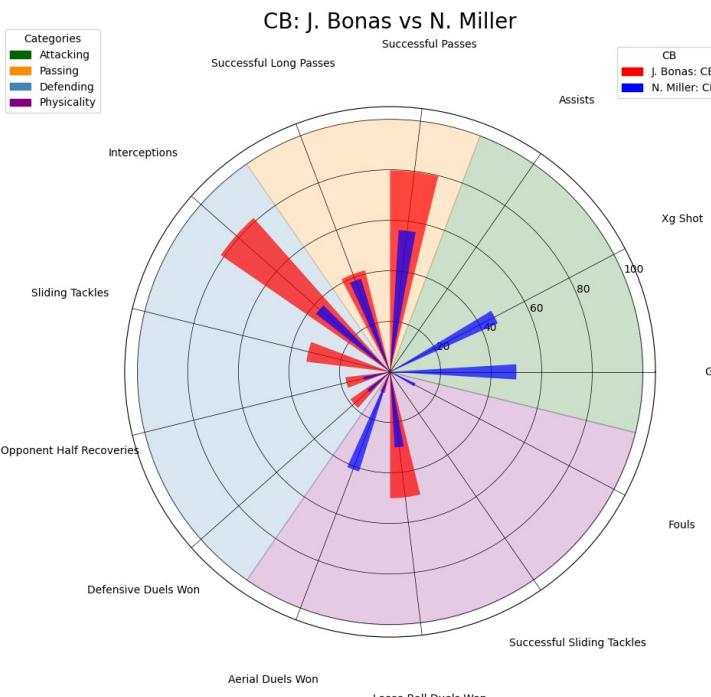
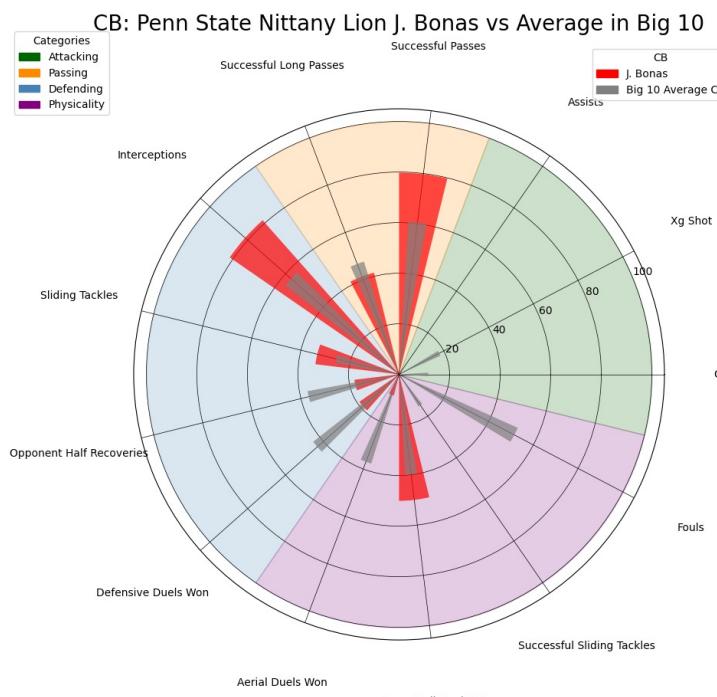


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Bonas #25



Position(s): CB
Average Minutes: 90

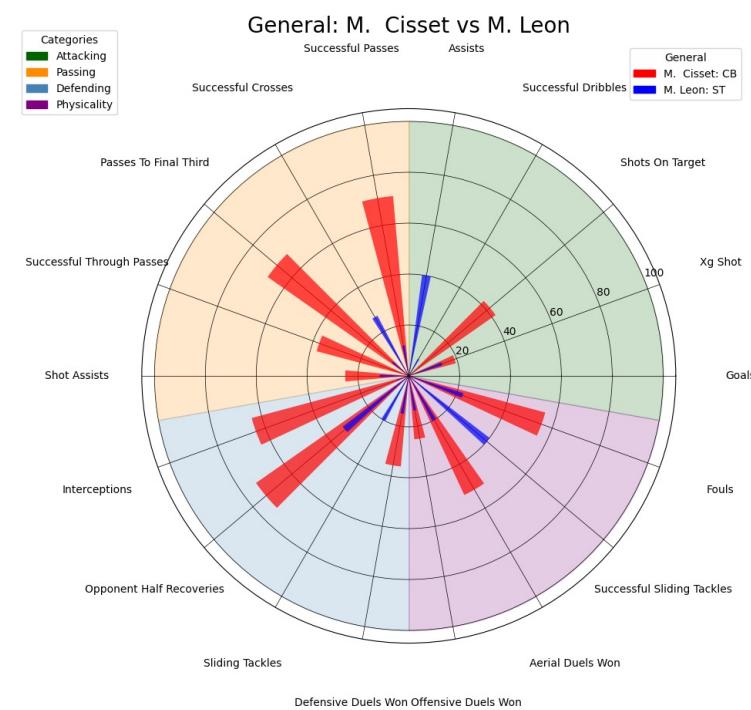
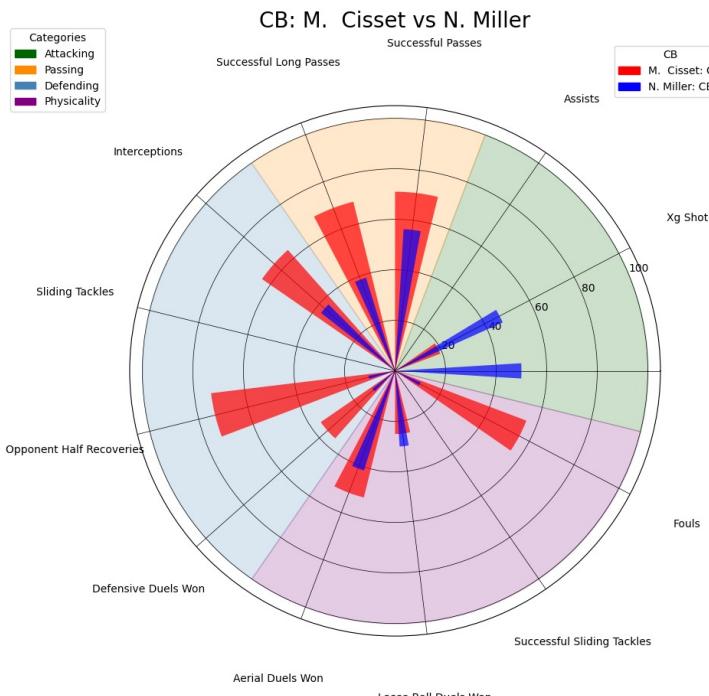
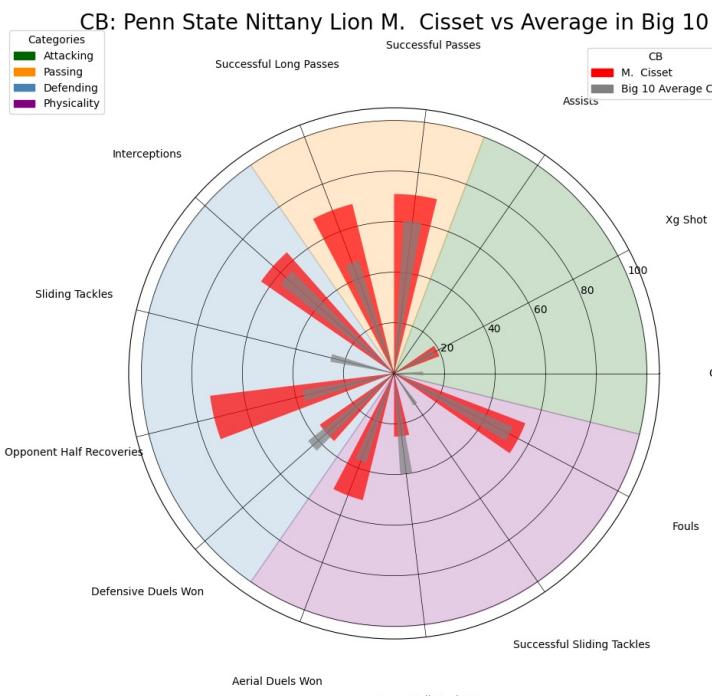


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Cisset #2



Position(s): CB
Average Minutes: 90

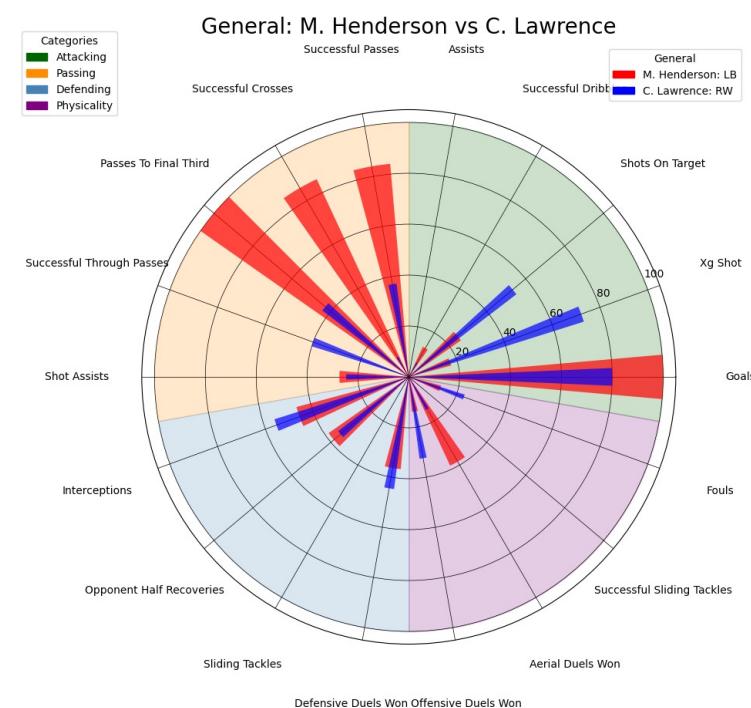
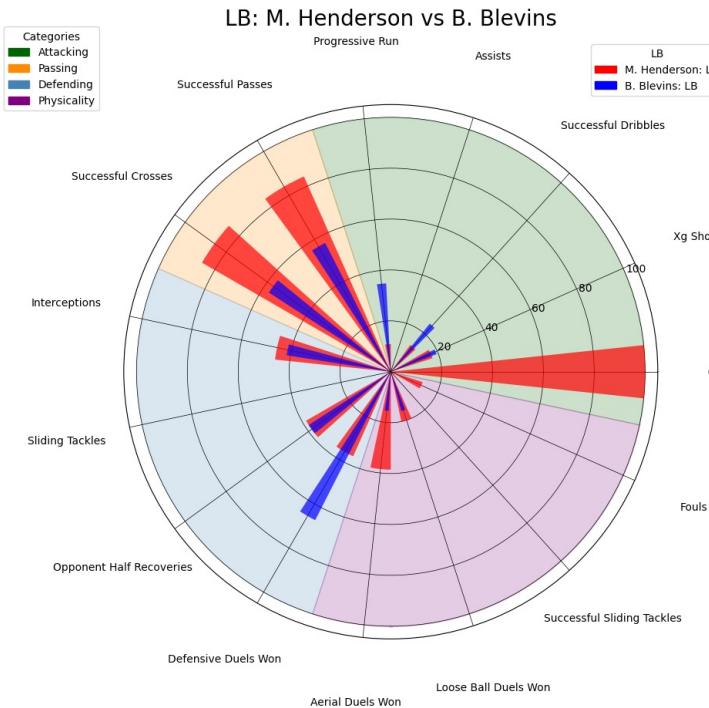
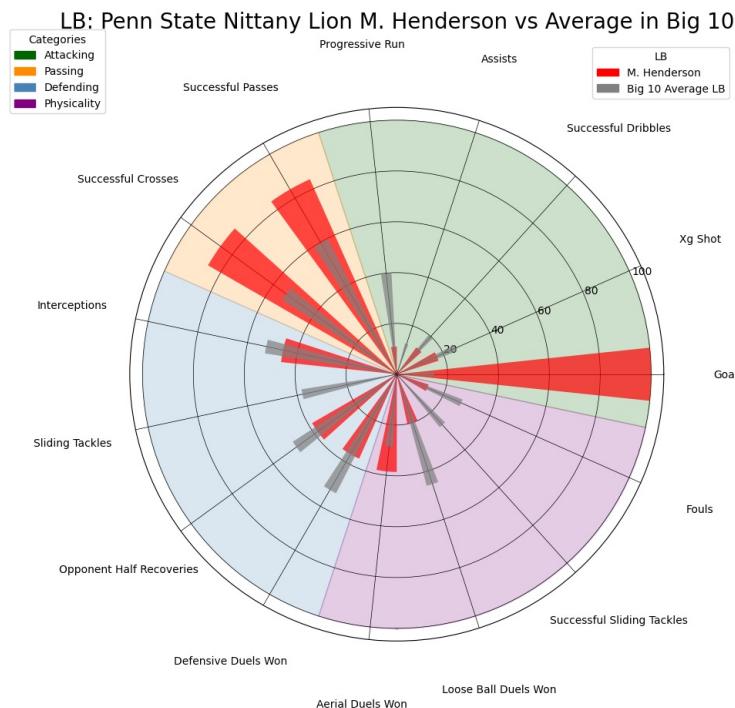


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Henderson #3



Position(s): LB
Average Minutes: 90



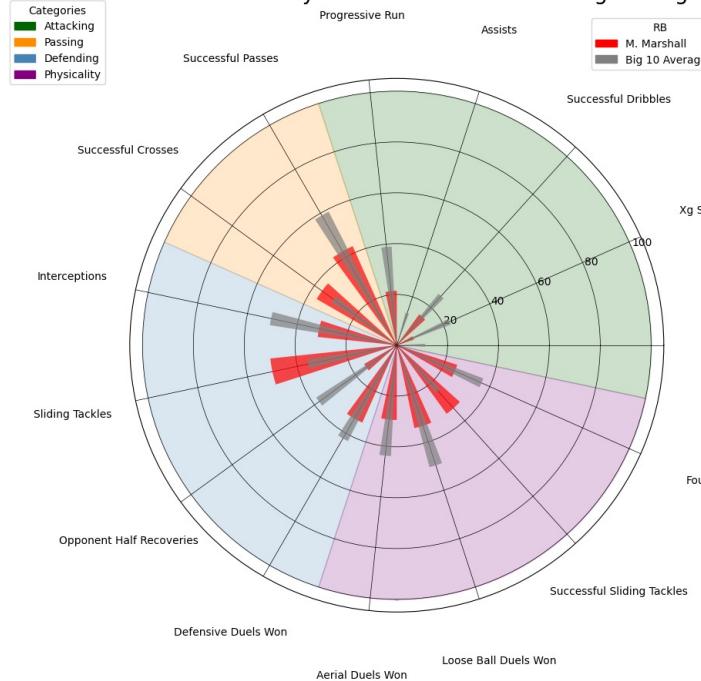
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Marshall #14

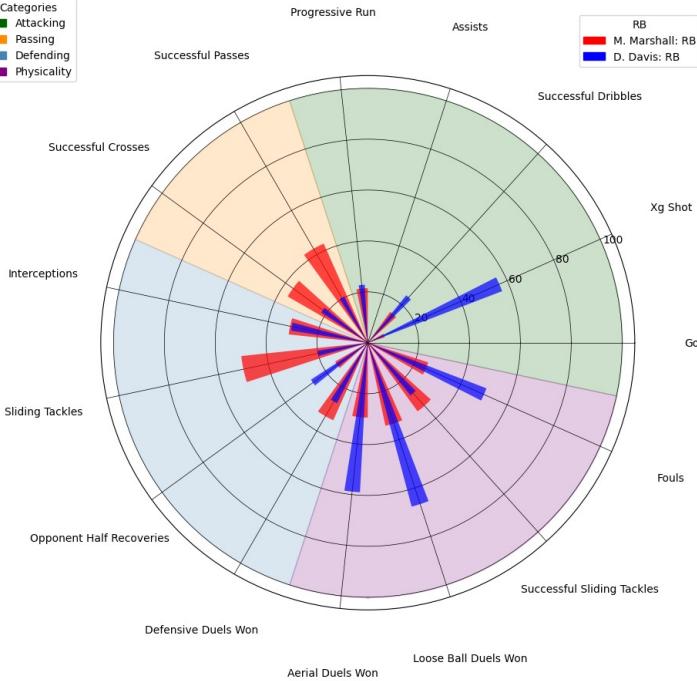


Position(s): RW / RB
Average Minutes: 84

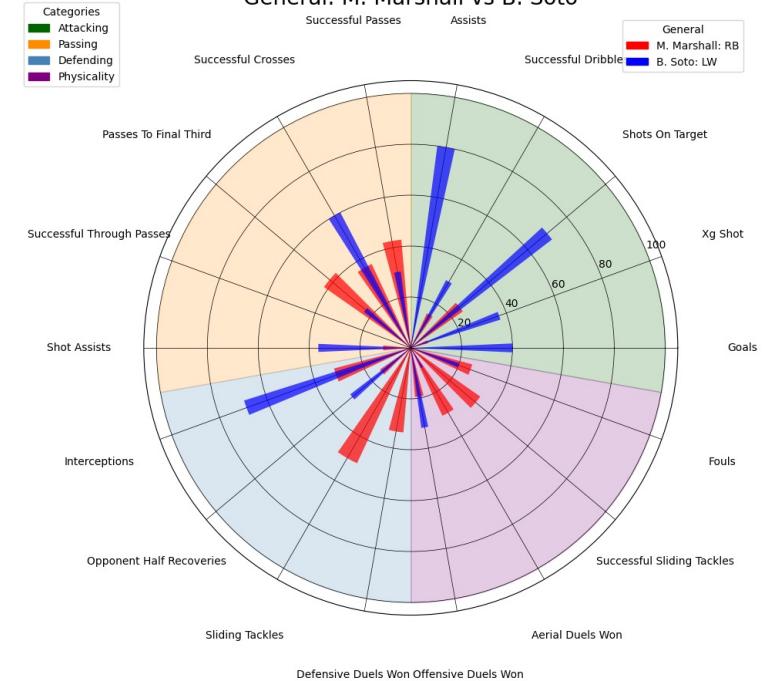
RB: Penn State Nittany Lion M. Marshall vs Average in Big 10



RB: M. Marshall vs D. Davis



General: M. Marshall vs B. Soto



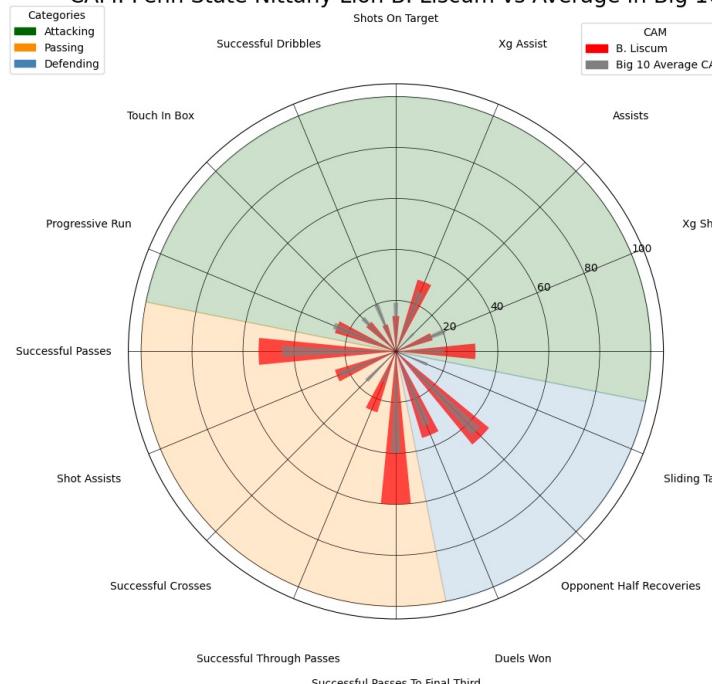
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Liscum #20

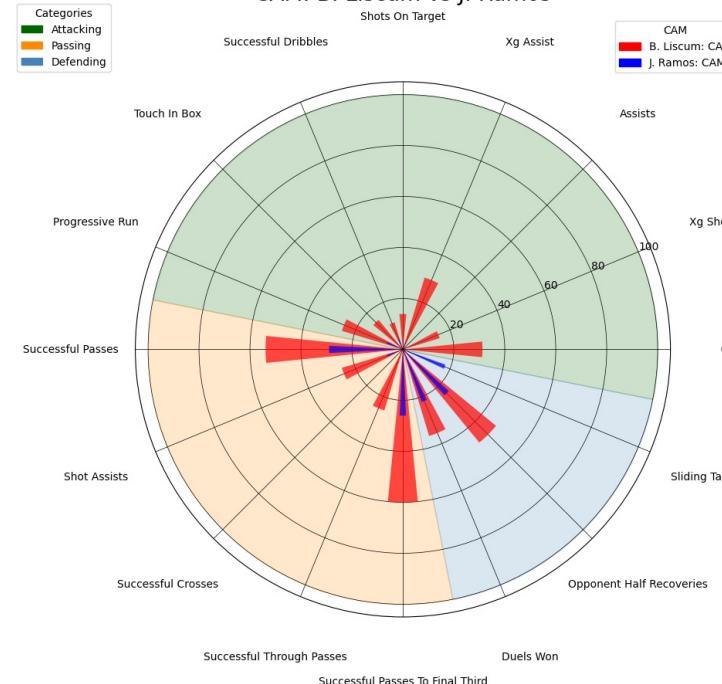


Position(s): CM
Average Minutes: 87

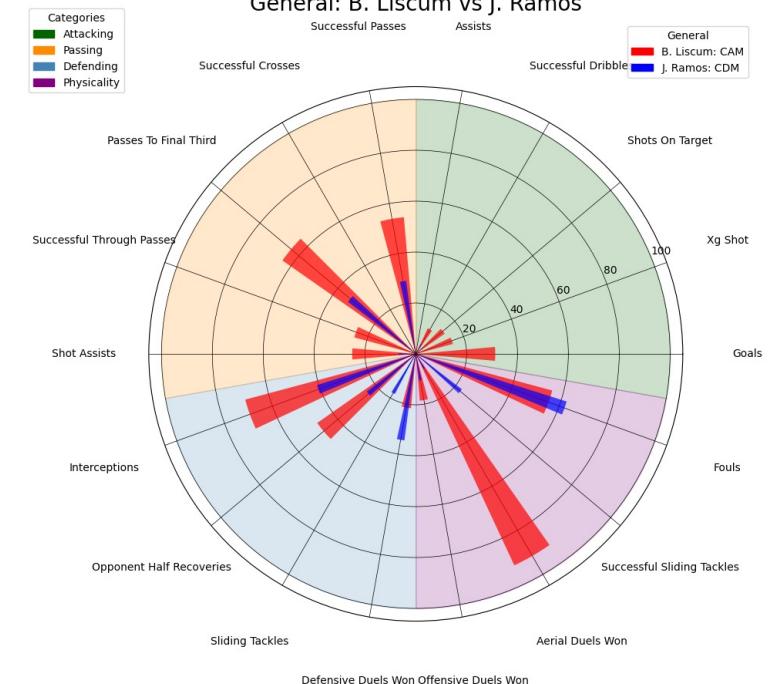
CAM: Penn State Nittany Lion B. Liscum vs Average in Big 10



CAM: B. Liscum vs J. Ramos



General: B. Liscum vs J. Ramos

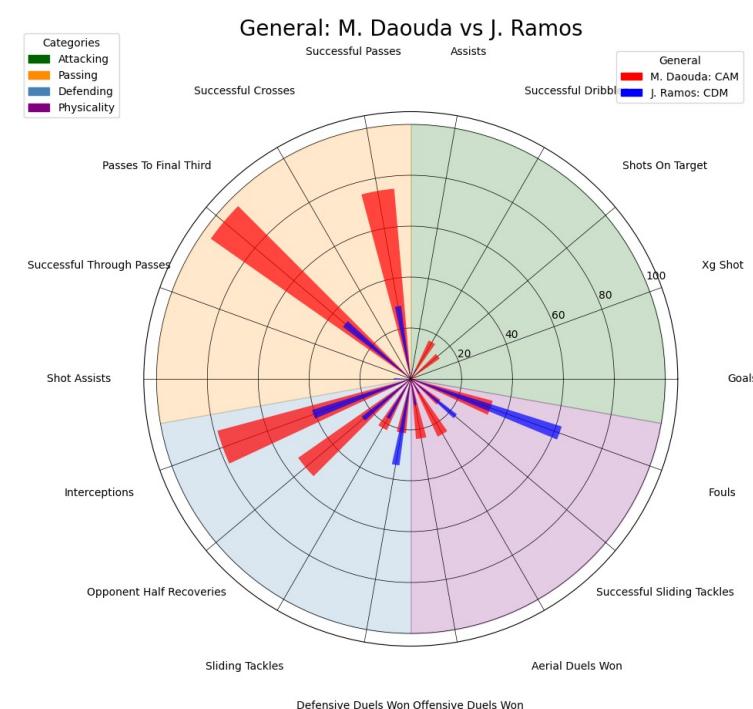
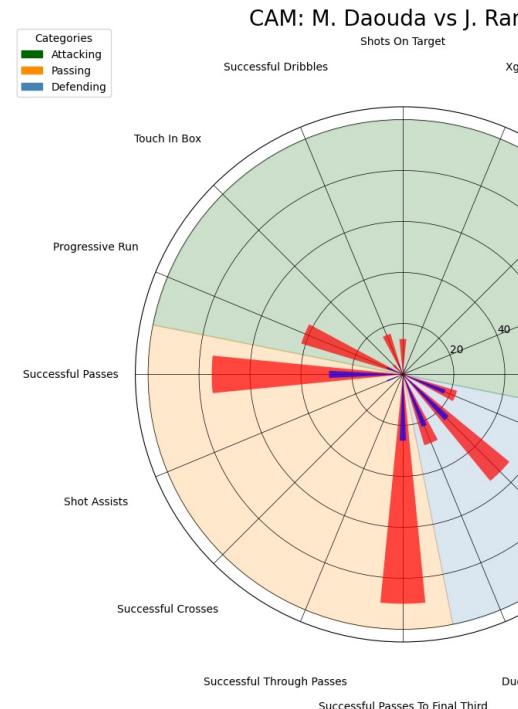
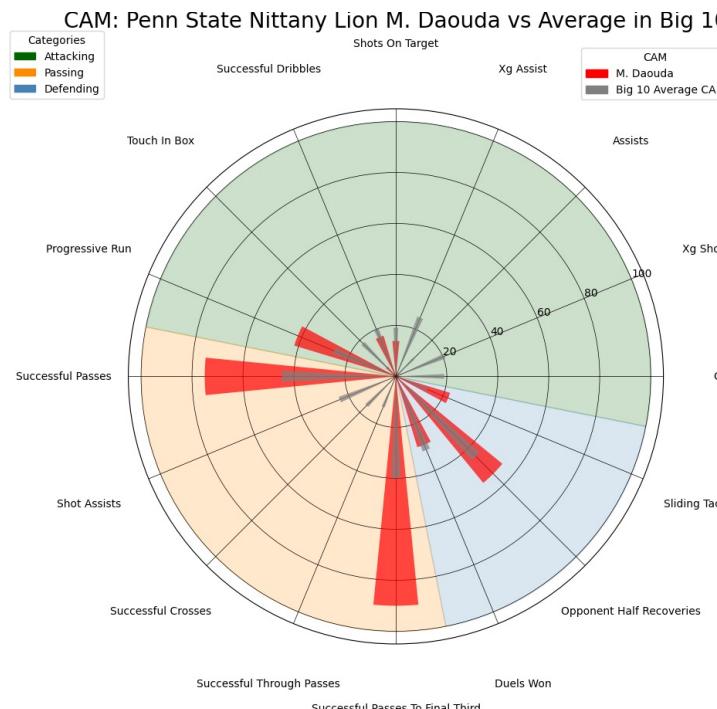


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Daouda #6



Position(s): CM
Average Minutes: 90

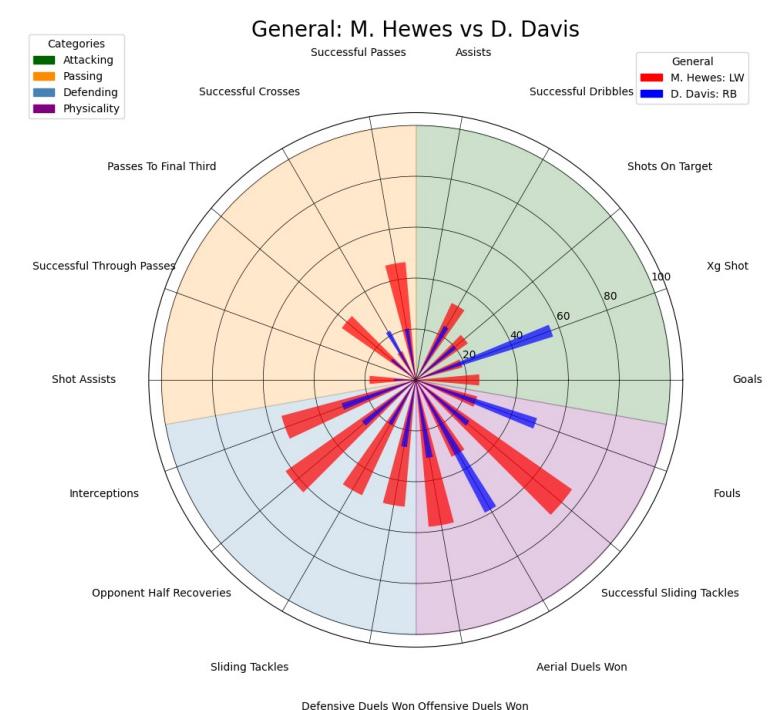
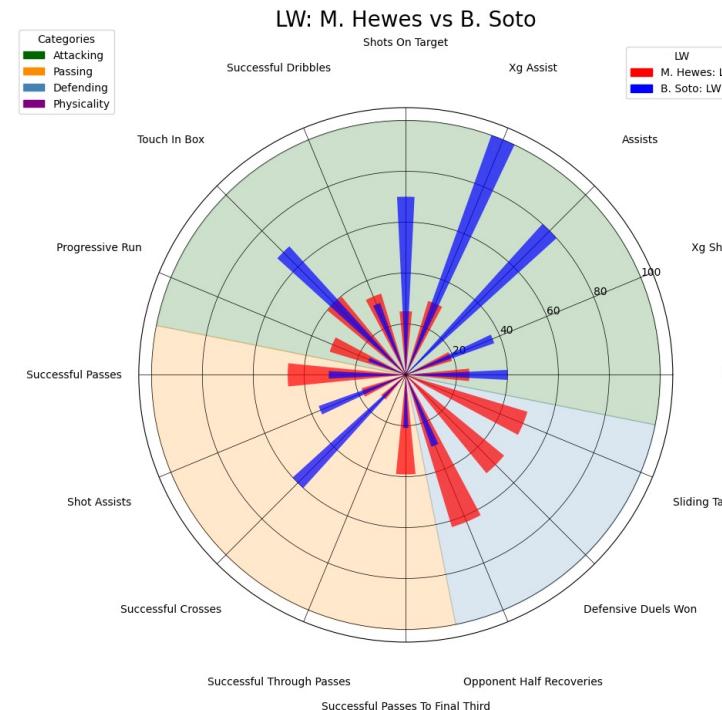
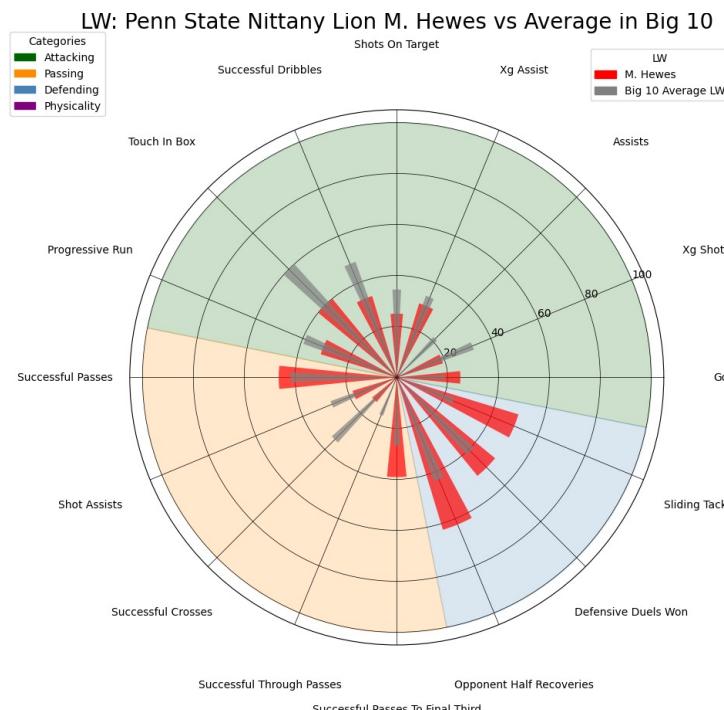


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Hewes #8



Position(s): LW / ST
Average Minutes: 77



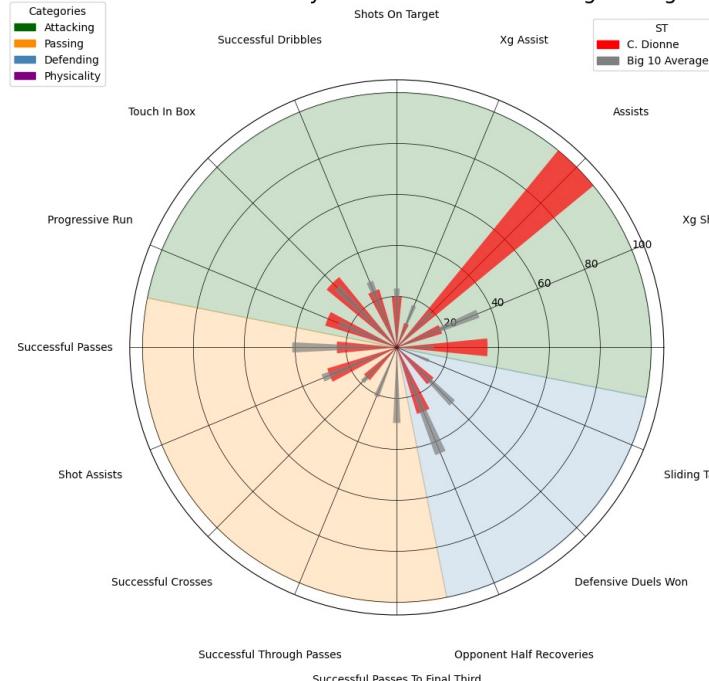
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Dionne #18

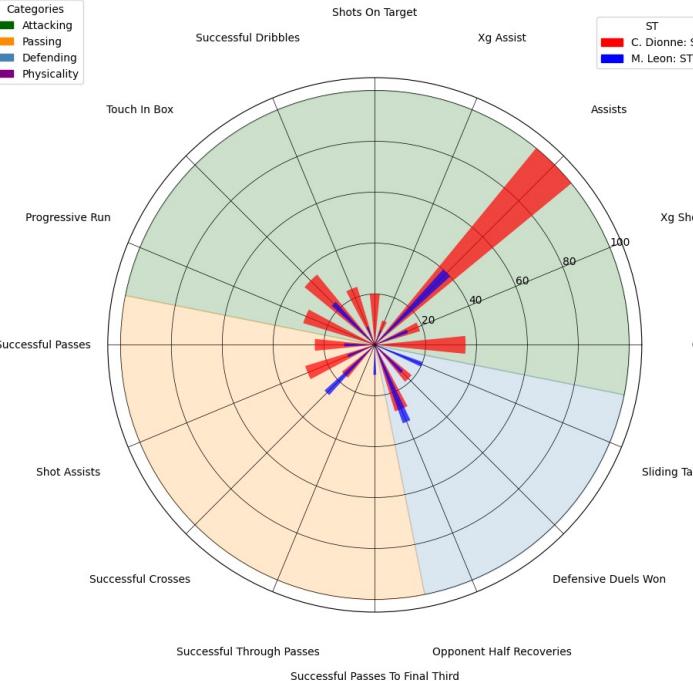


Position(s): CAM / ST
Average Minutes: 58

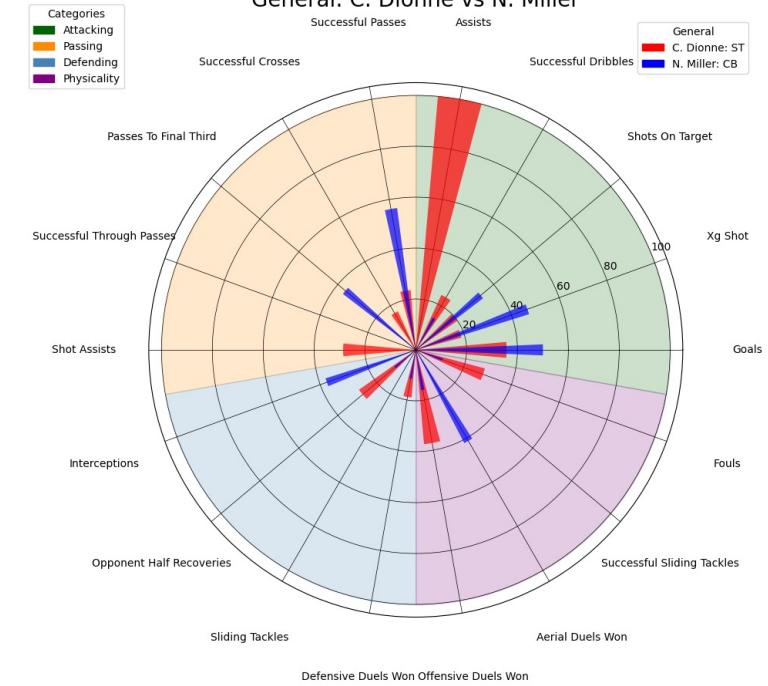
ST: Penn State Nittany Lion C. Dionne vs Average in Big 10



ST: C. Dionne vs M. Leon



General: C. Dionne vs N. Miller

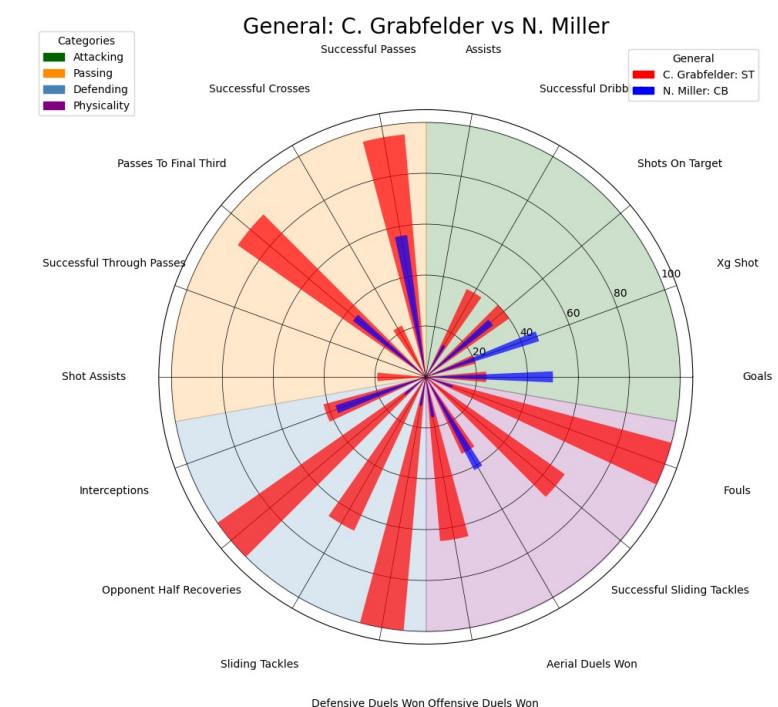
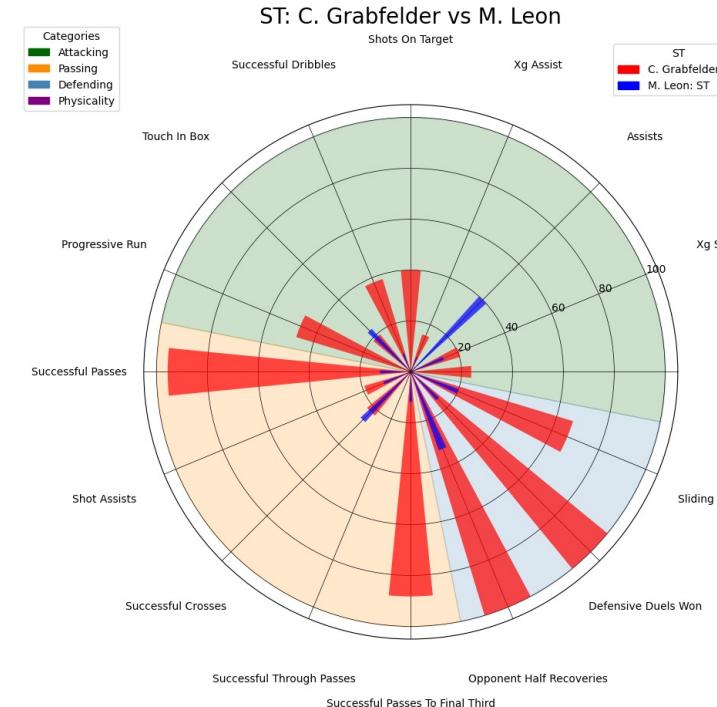
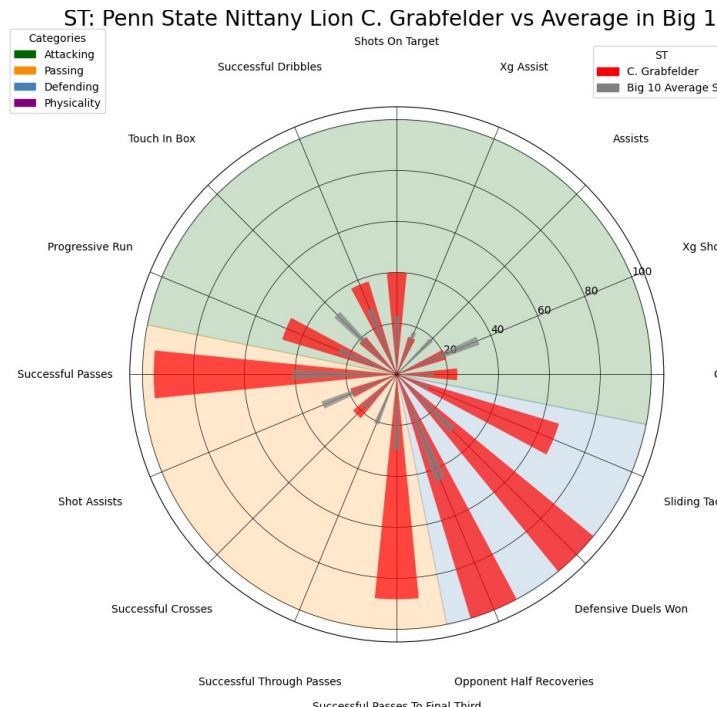


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Grabfelder #11



Position(s): ST
Average Minutes: 71



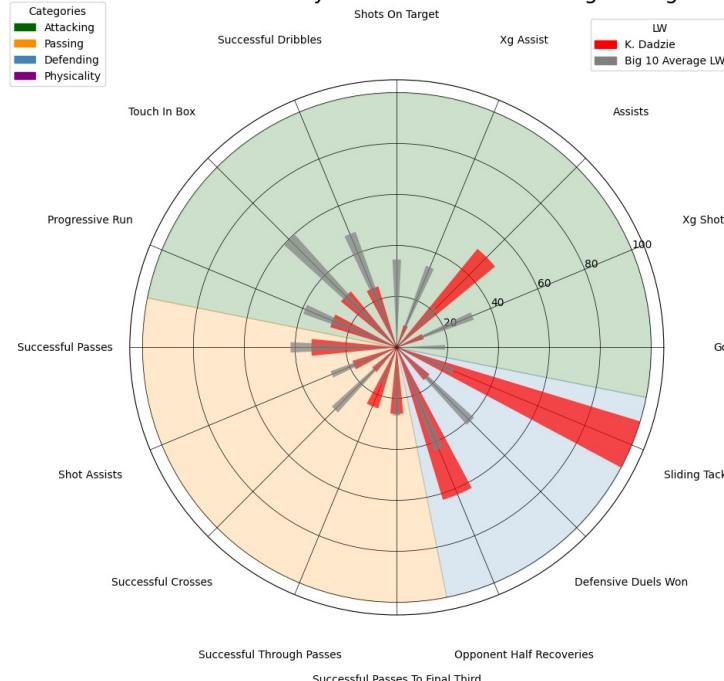
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Dadzie #28

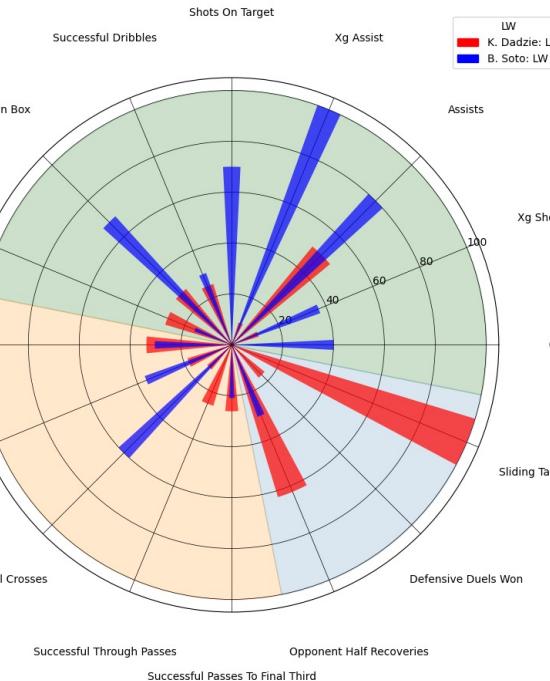


Position(s): CAM / LW
Average Minutes: 55

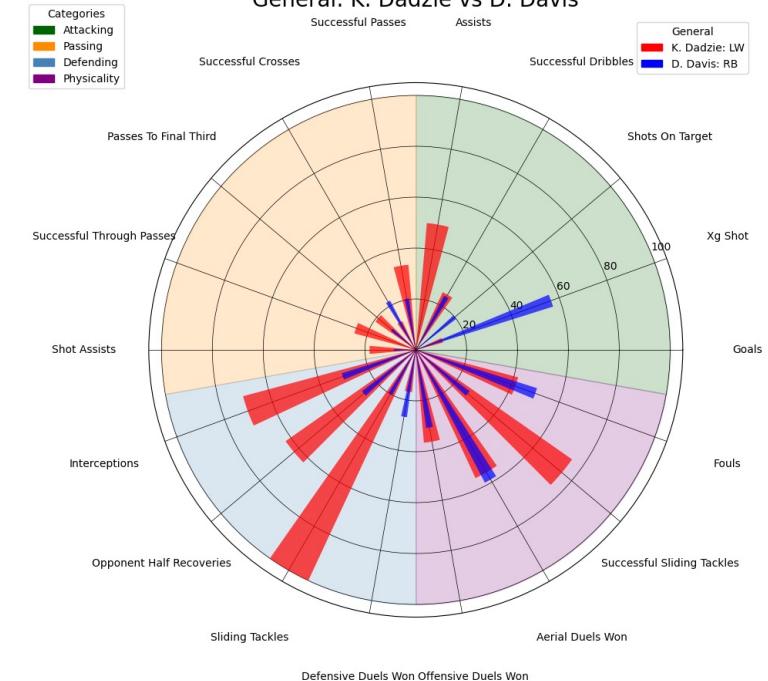
LW: Penn State Nittany Lion K. Dadzie vs Average in Big 10



LW: K. Dadzie vs B. Soto



General: K. Dadzie vs D. Davis



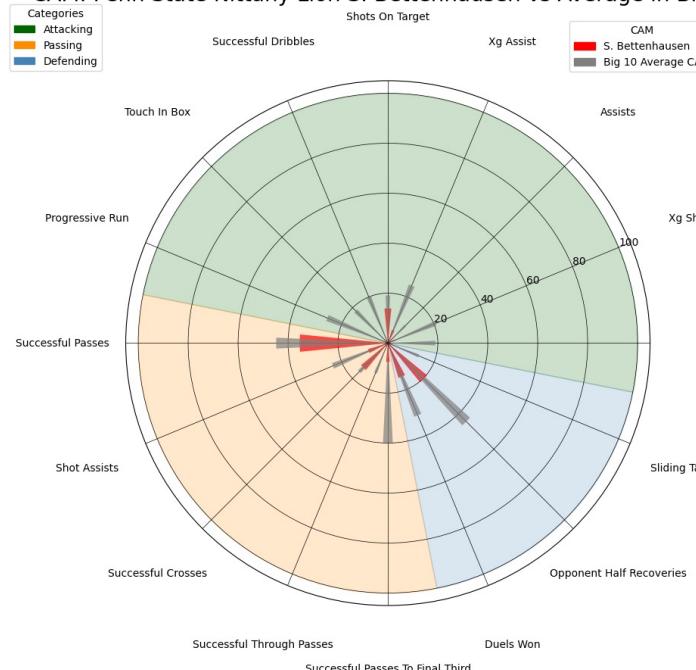
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Bettenhausen #12

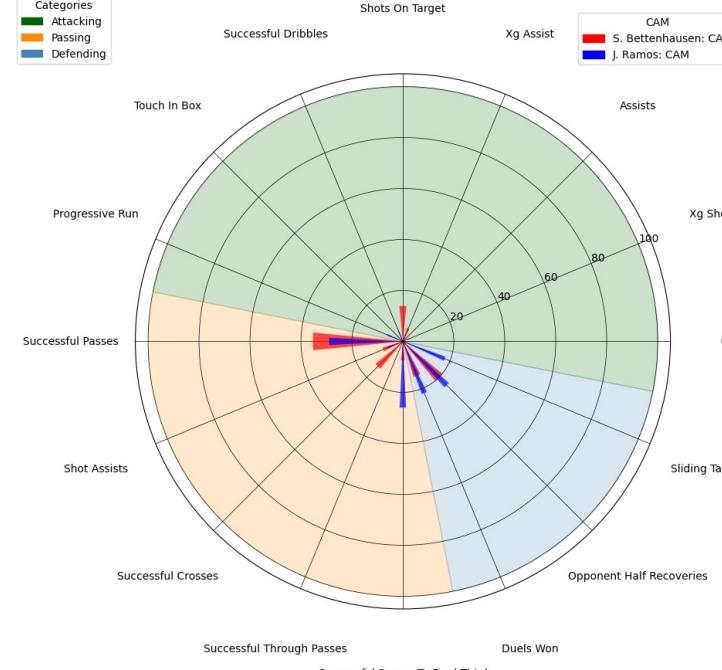


Position(s): CM
Average Minutes: 50

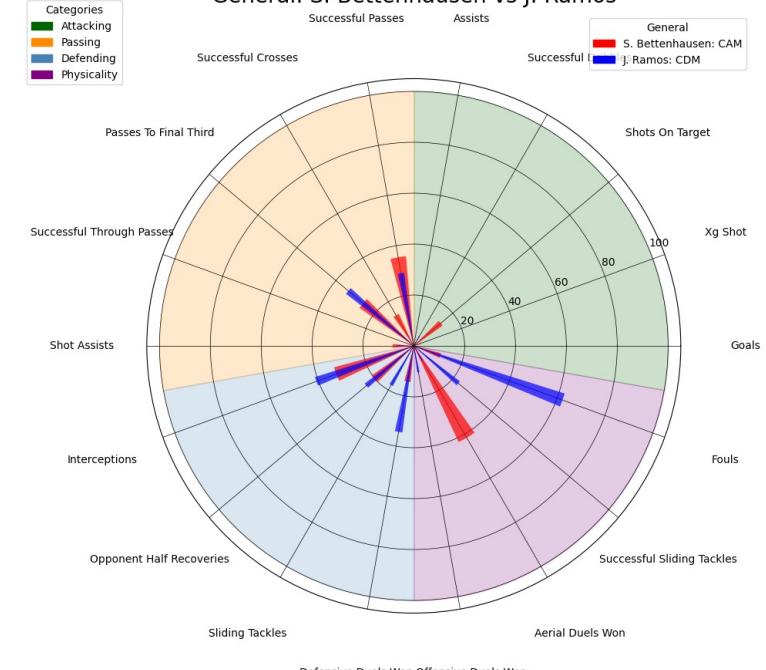
CAM: Penn State Nittany Lion S. Bettenhausen vs Average in Big 10



CAM: S. Bettenhausen vs J. Ramos



General: S. Bettenhausen vs J. Ramos



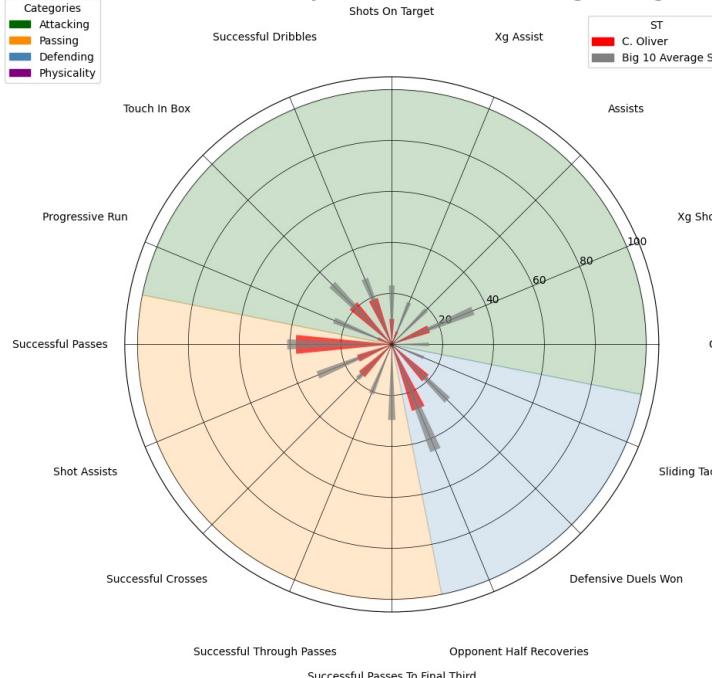
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Oliver #7

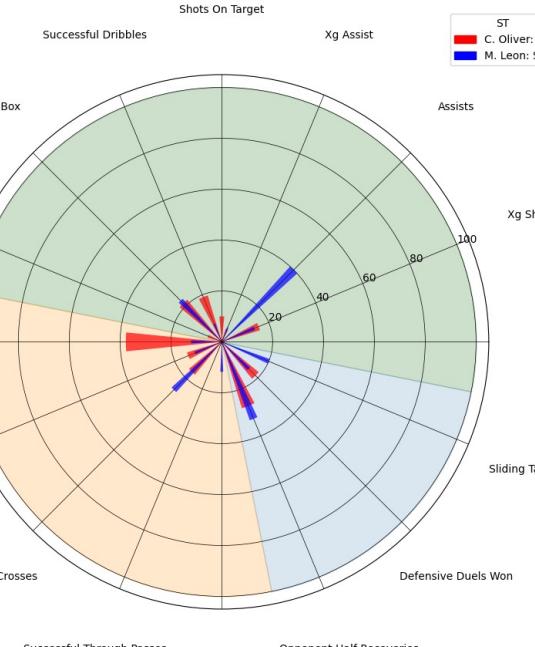


Position(s): ST
Average Minutes: 48

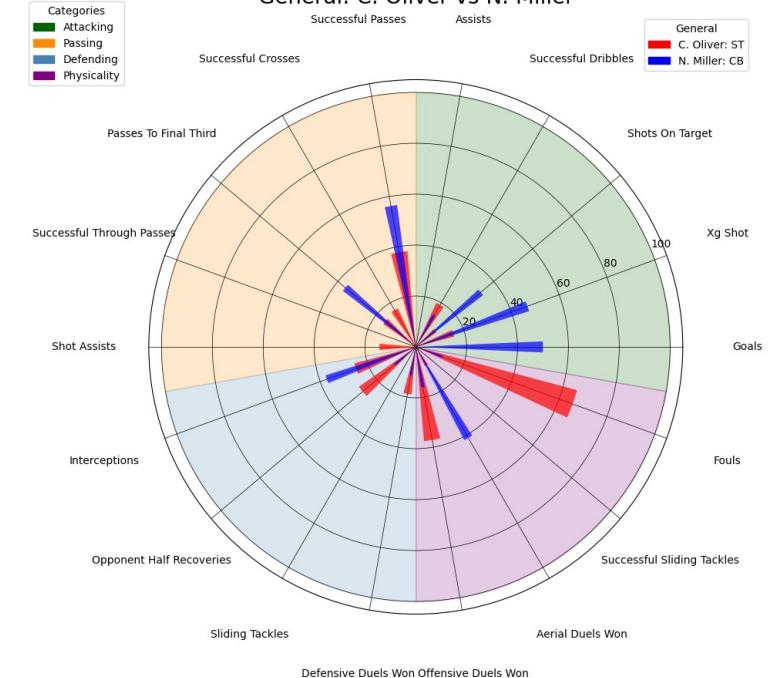
ST: Penn State Nittany Lion C. Oliver vs Average in Big 10



ST: C. Oliver vs M. Leon



General: C. Oliver vs N. Miller



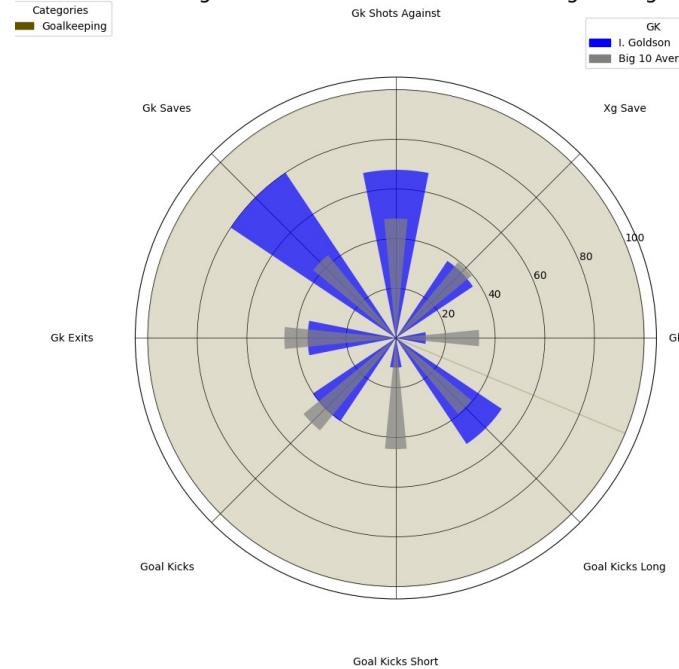
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Michigan Players

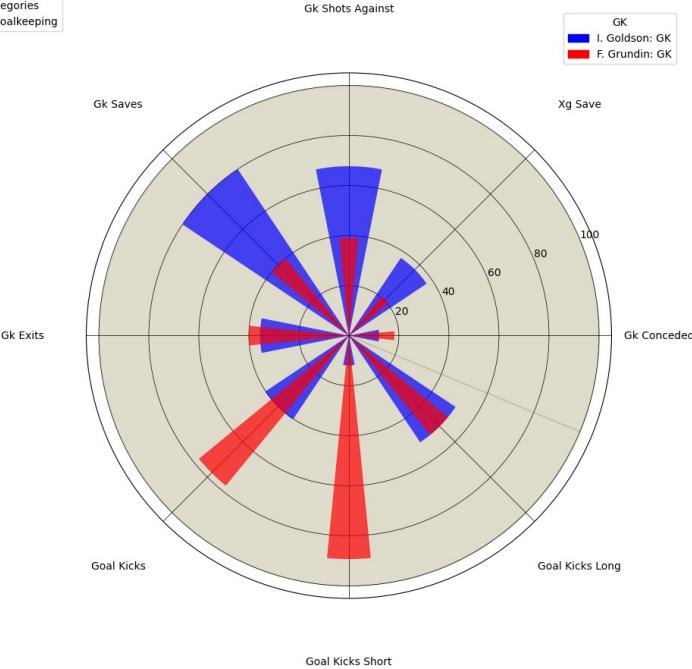
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Goldson #28

GK: Michigan Wolverines I. Goldson vs Average in Big 10

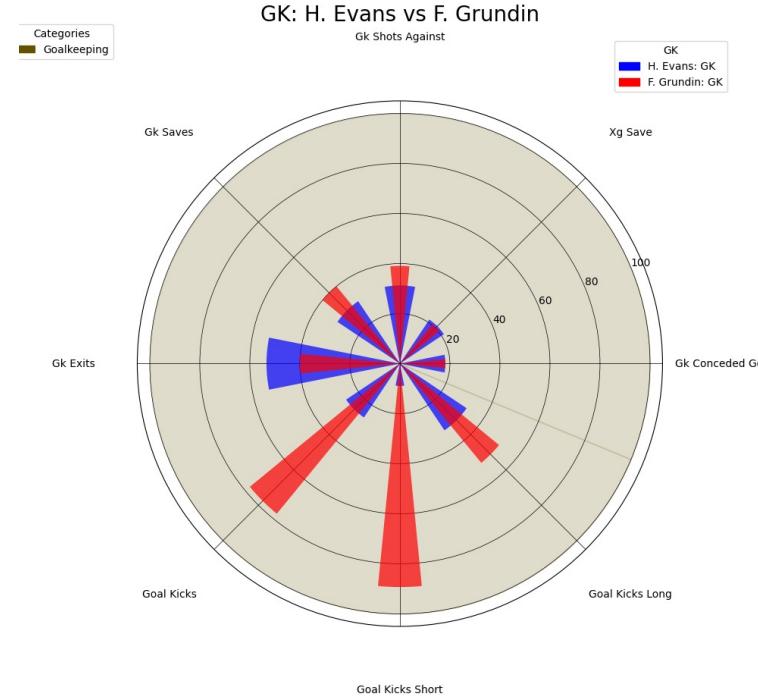
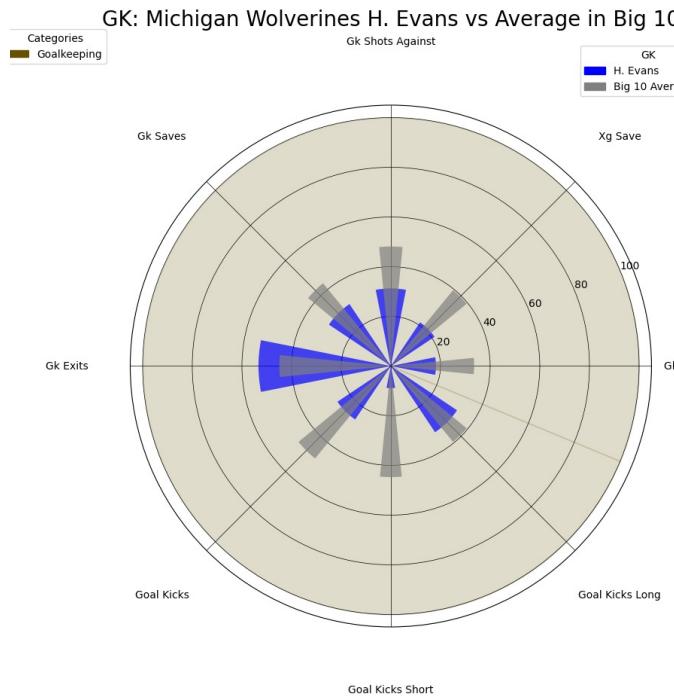


GK: I. Goldson vs F. Grundin



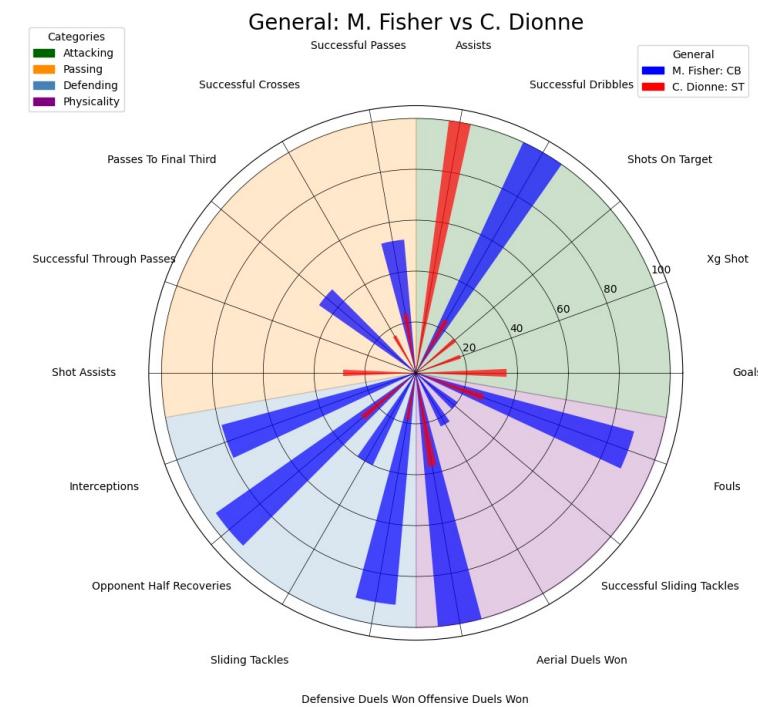
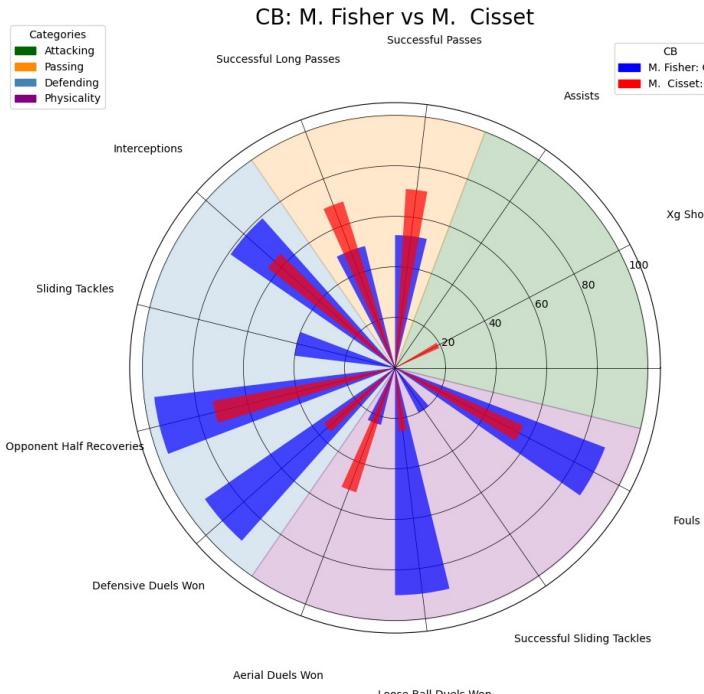
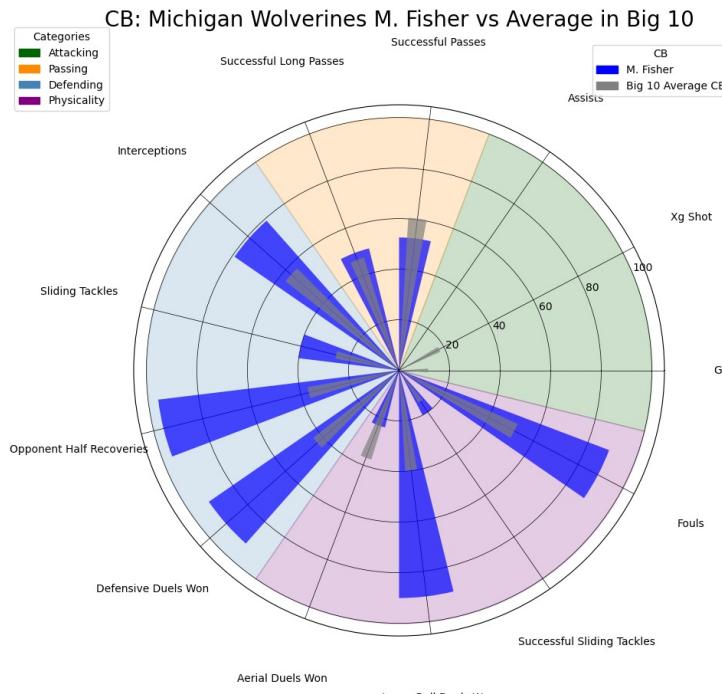
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Evans #1



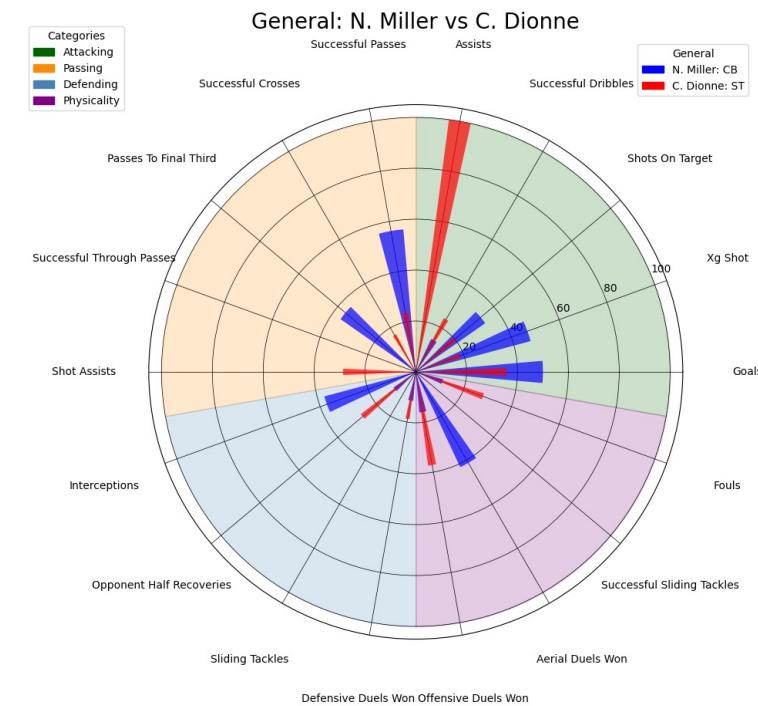
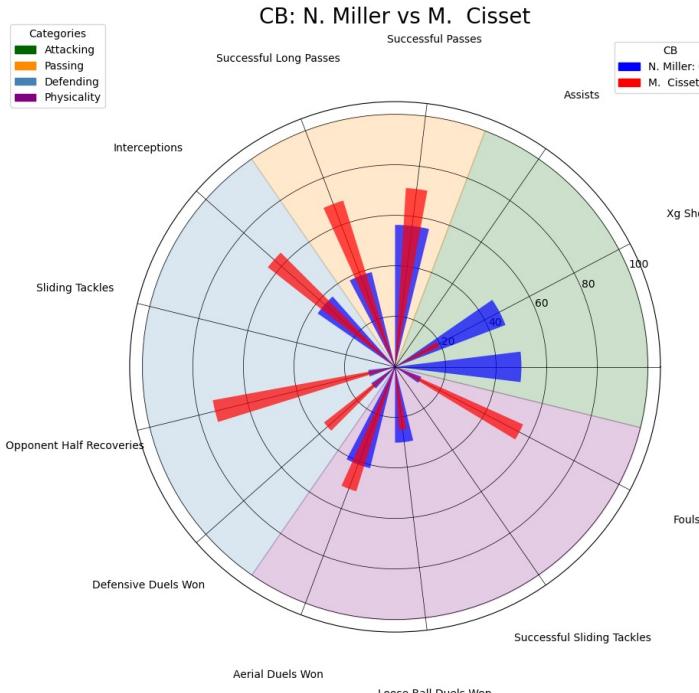
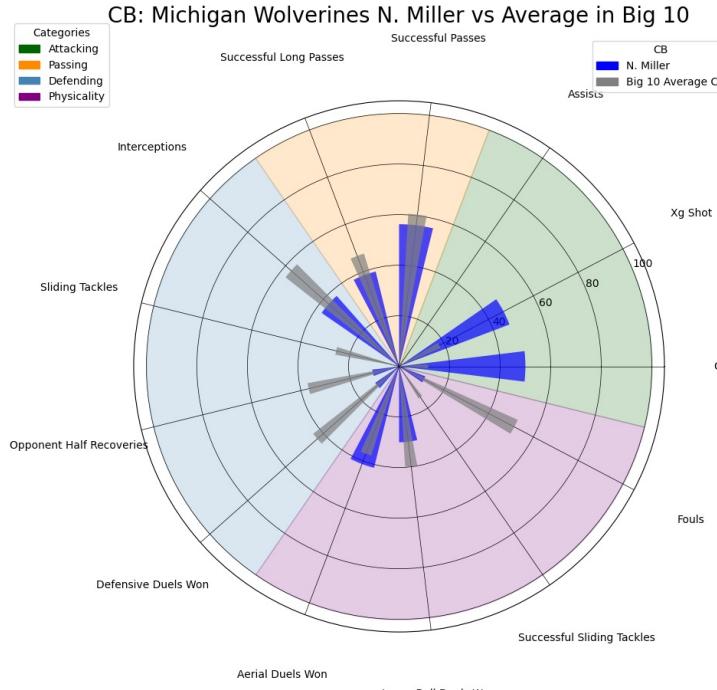
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Fisher #3



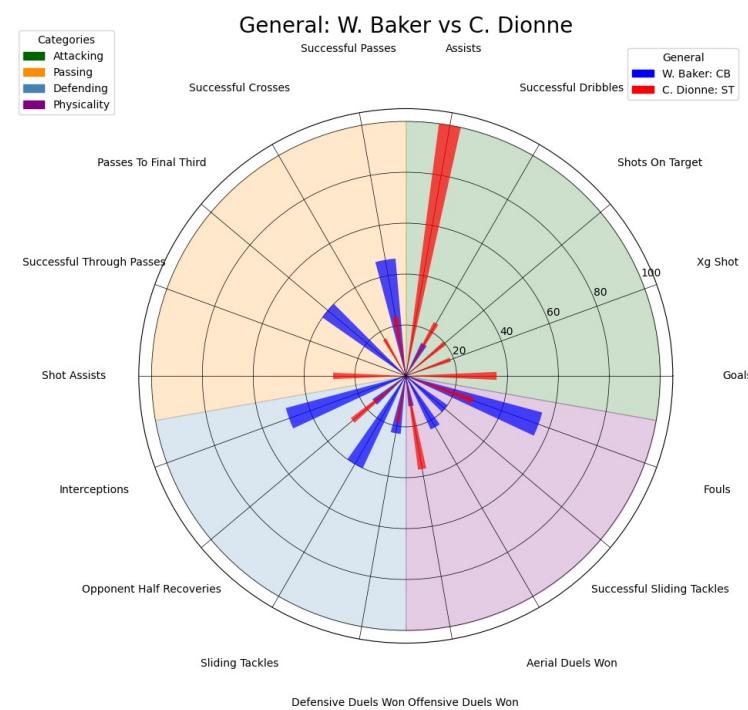
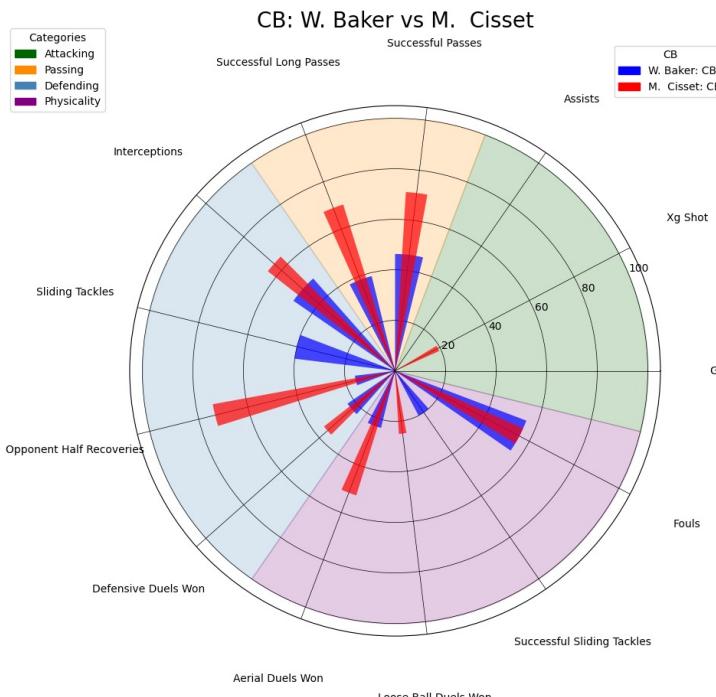
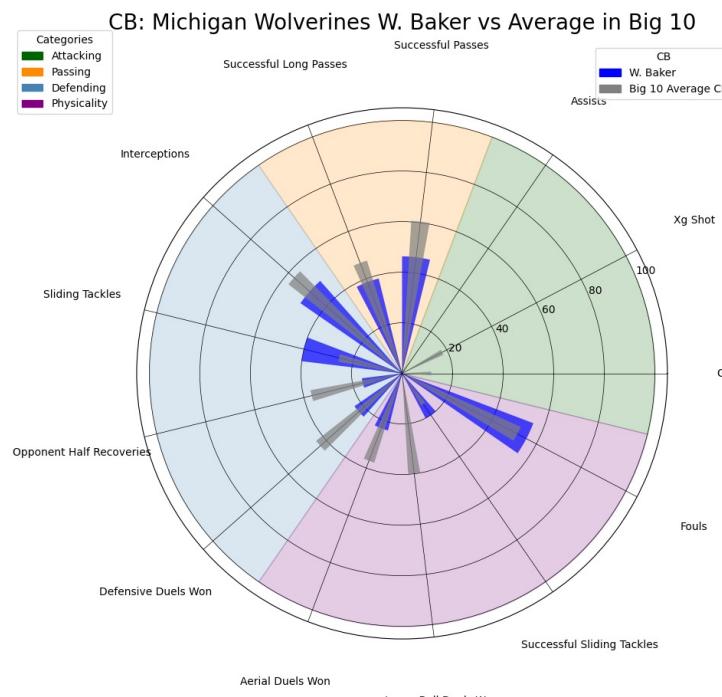
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Miller #4



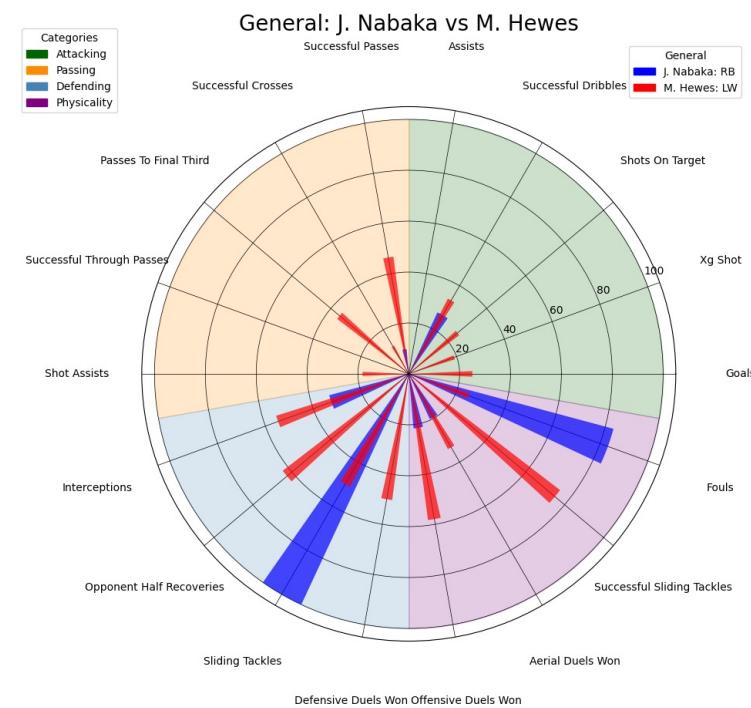
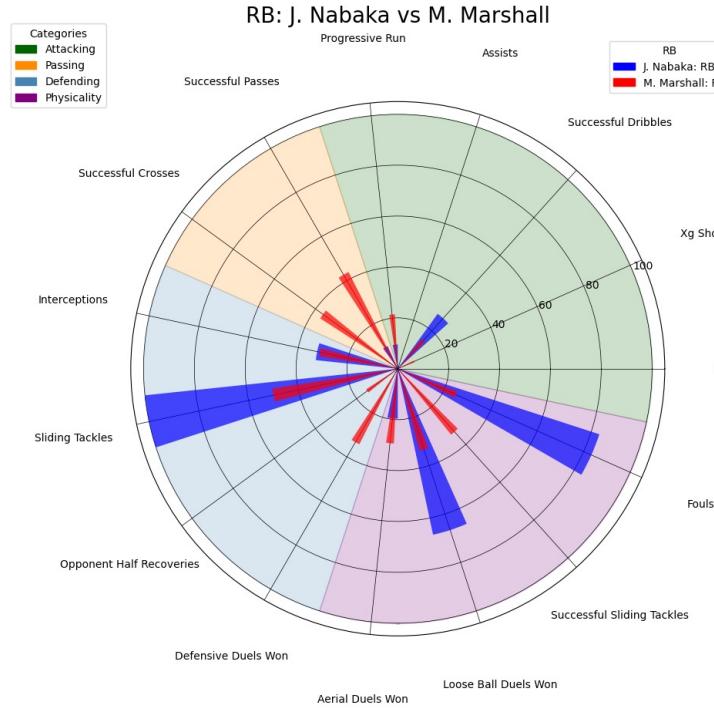
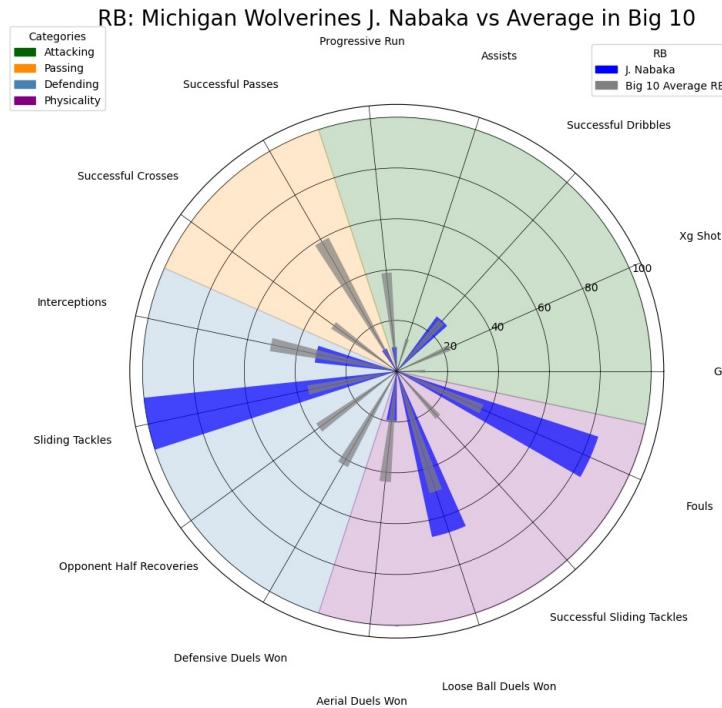
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Baker #5

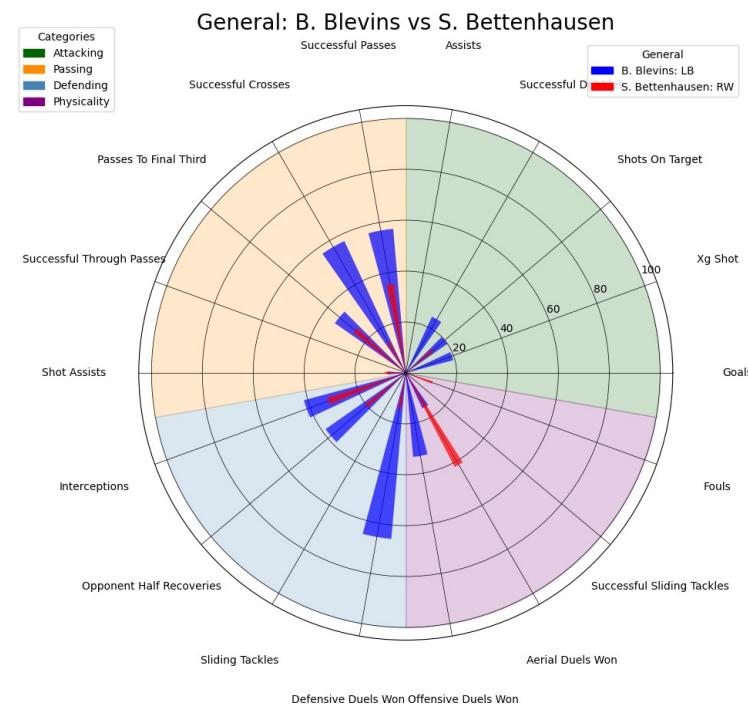
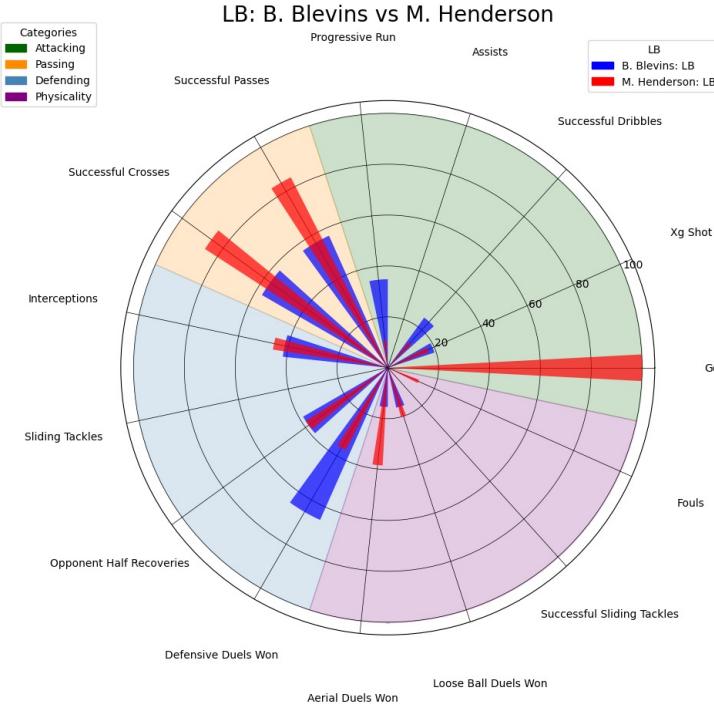
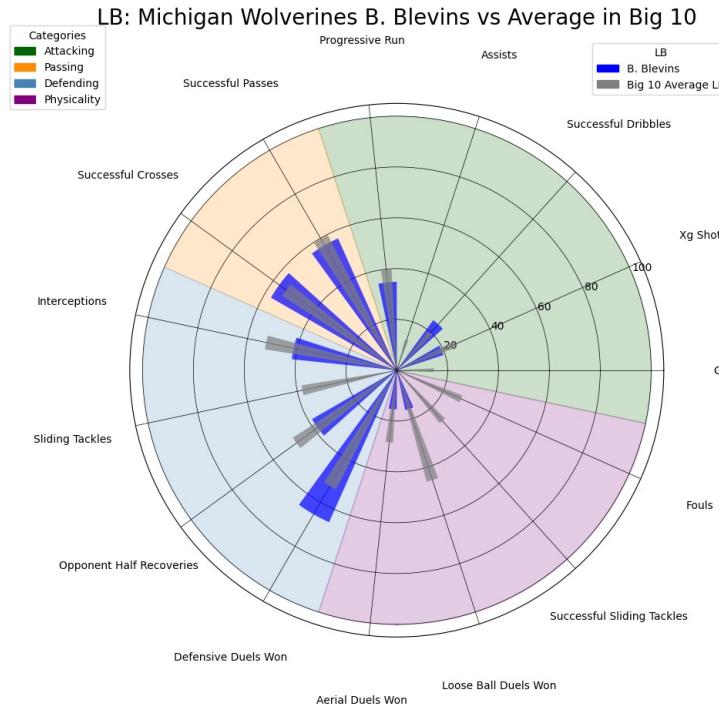


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Nabaka #23

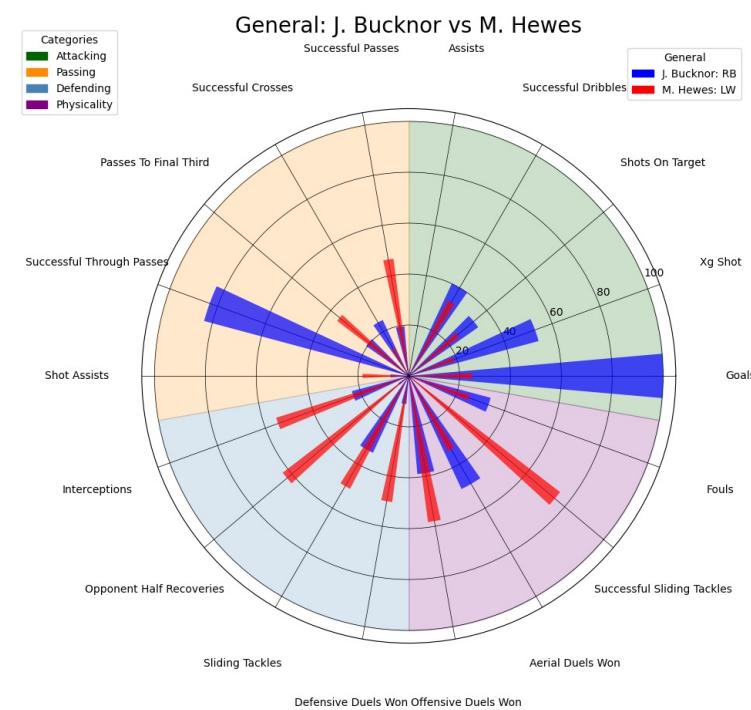
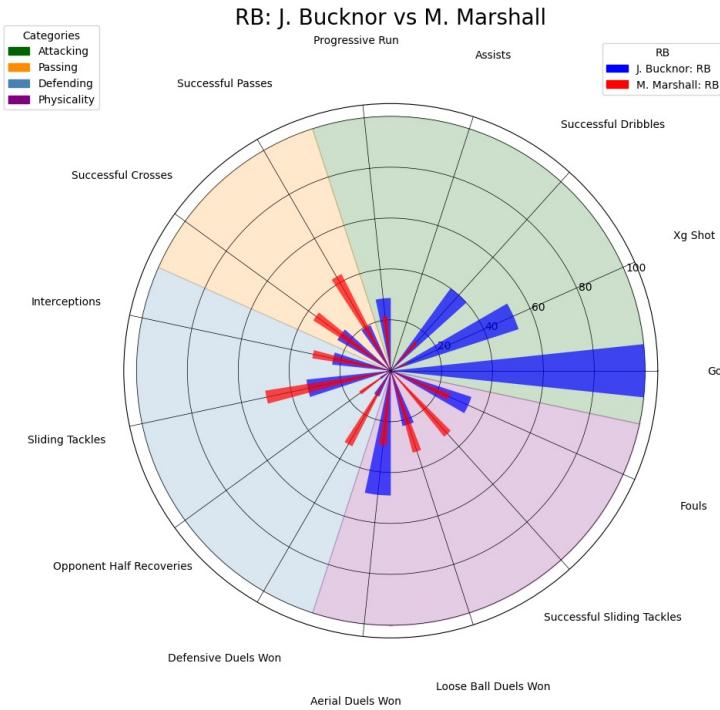
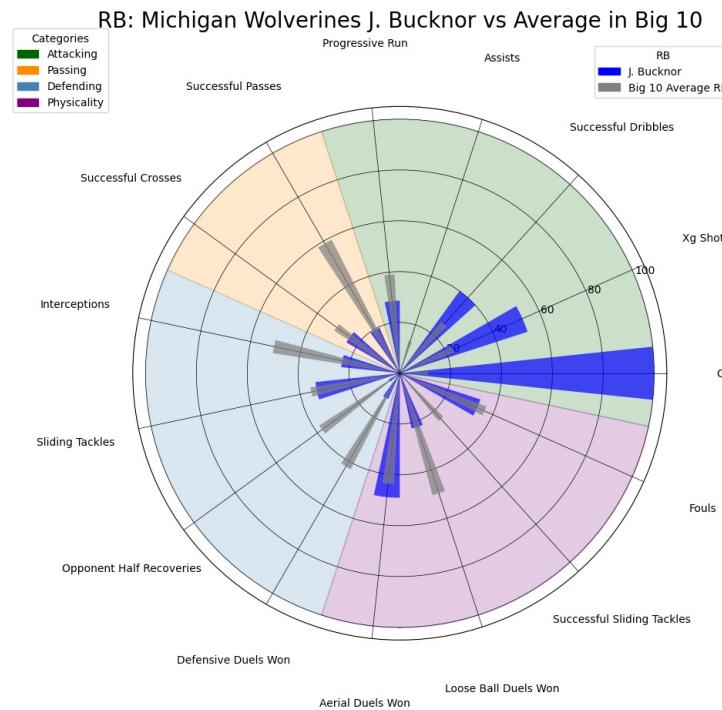


Blevins #11

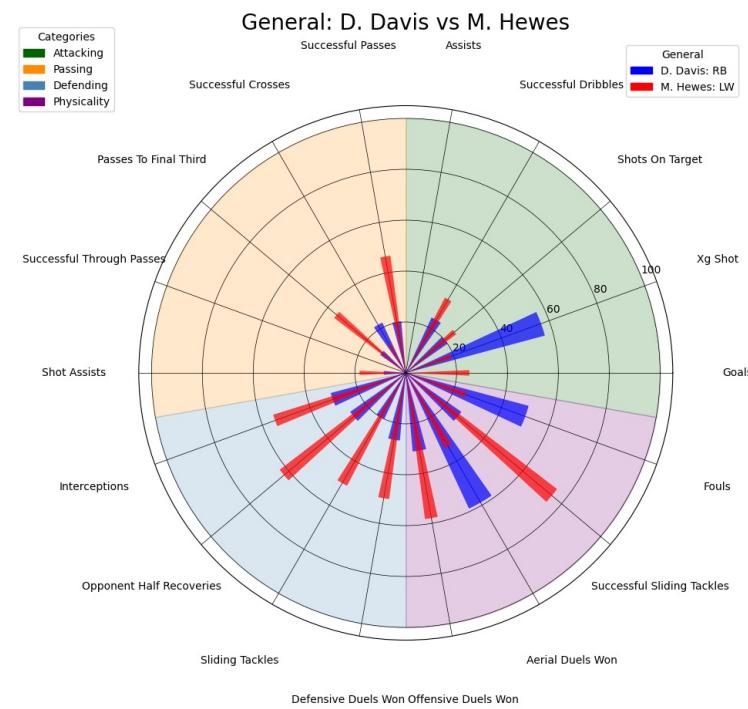
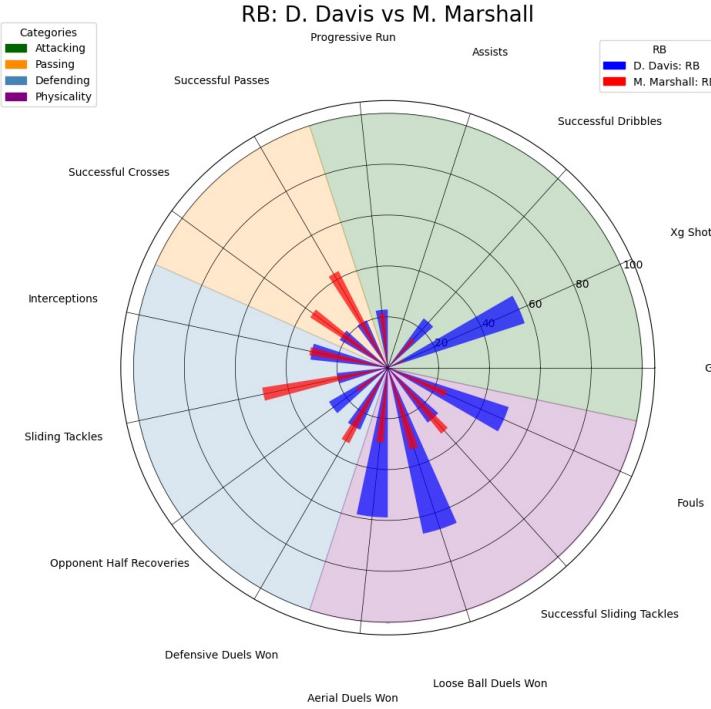
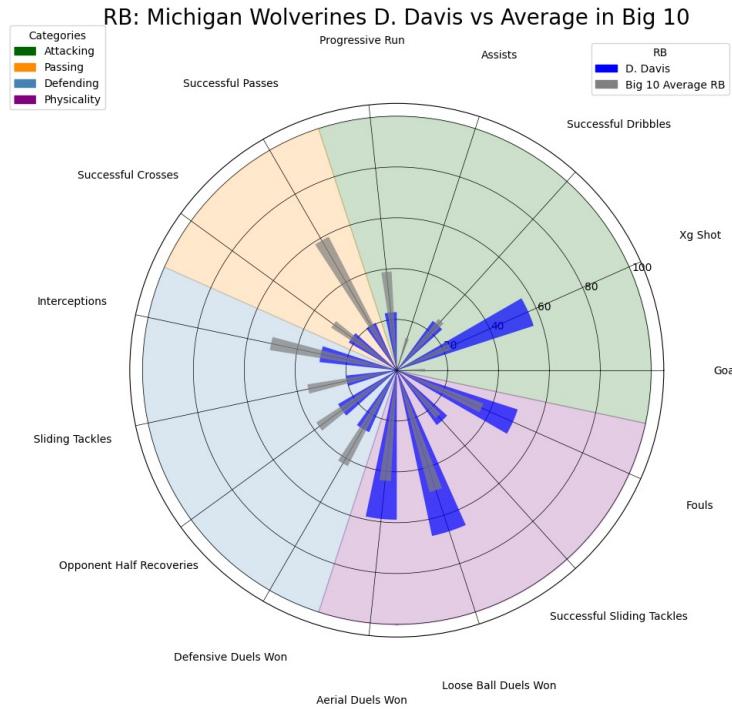


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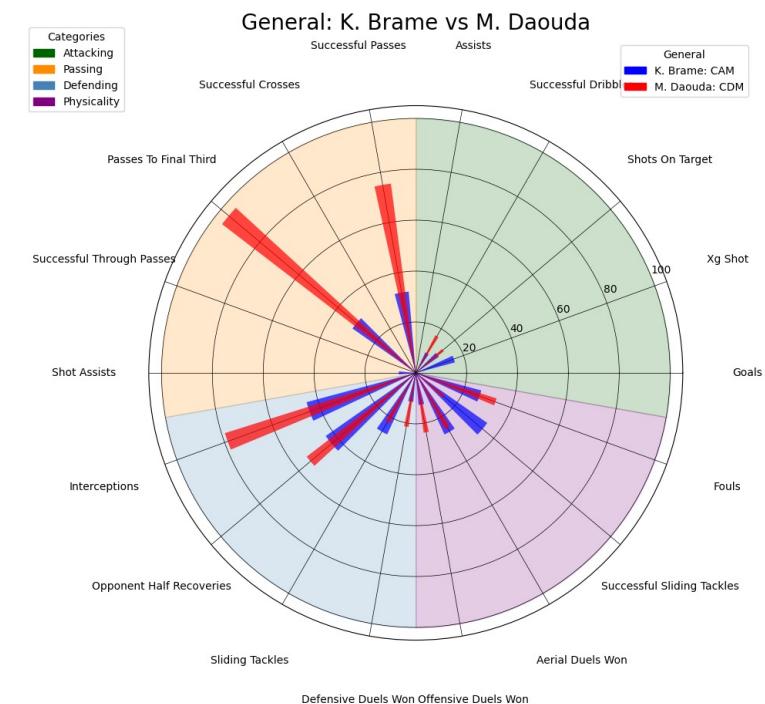
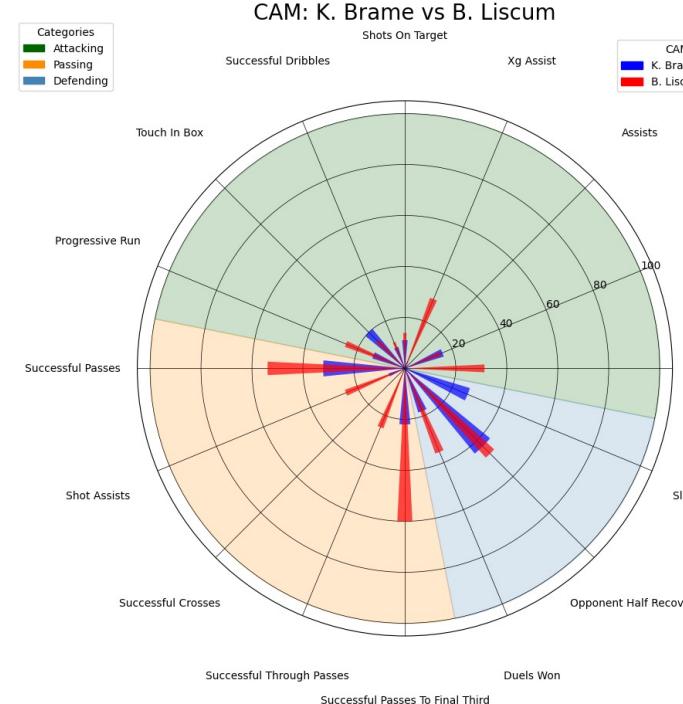
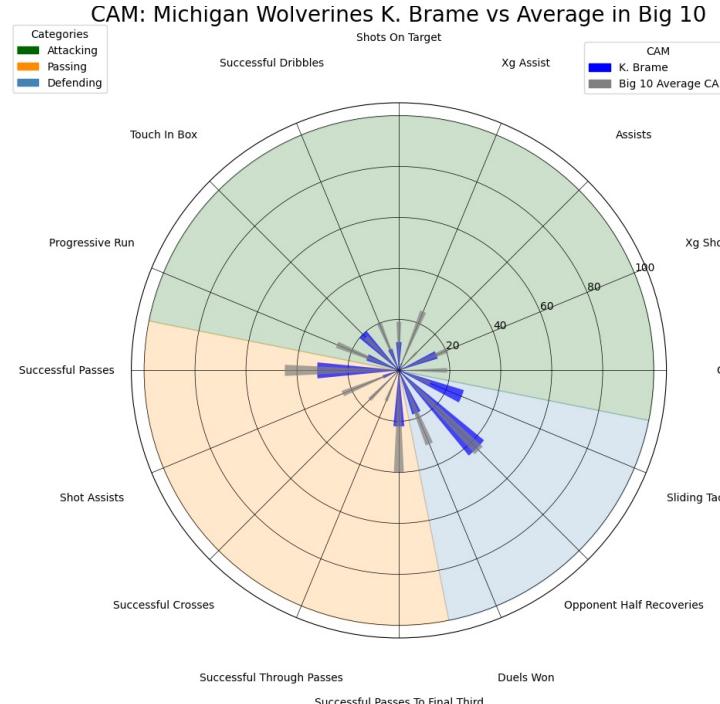
Bucknor #7



Davis #27

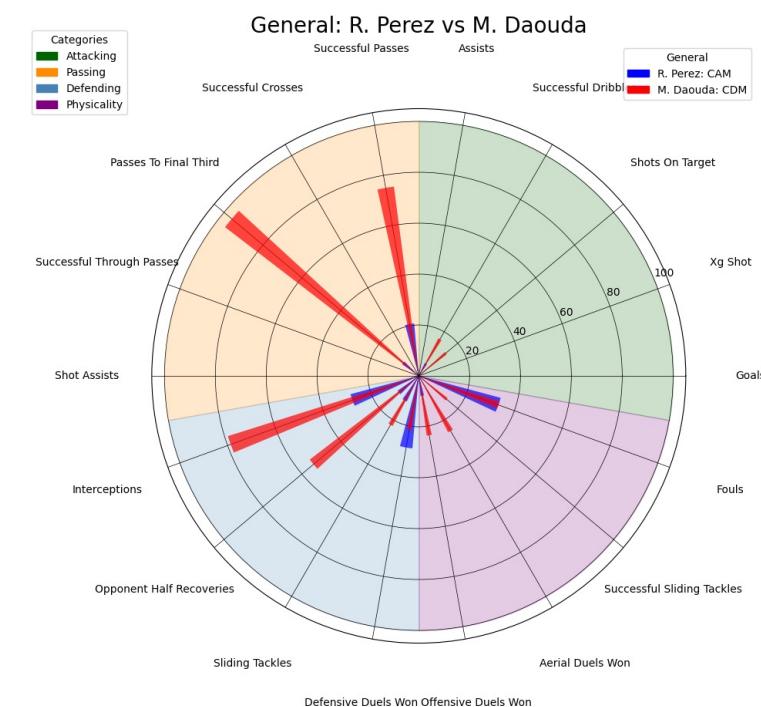
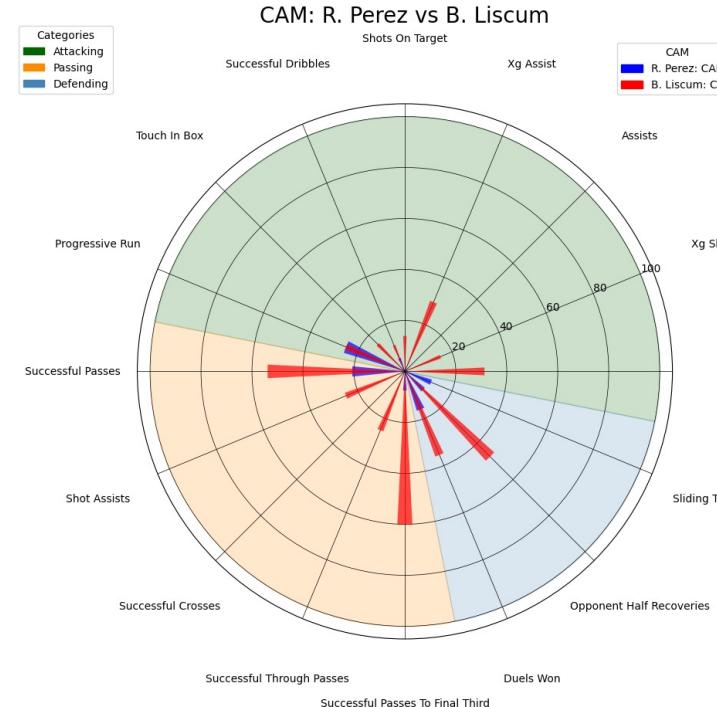
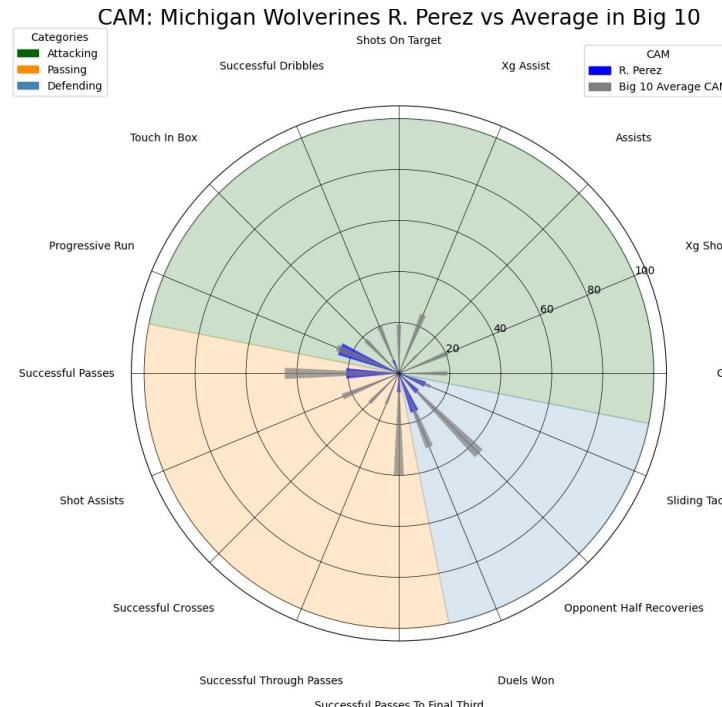


Brame #34



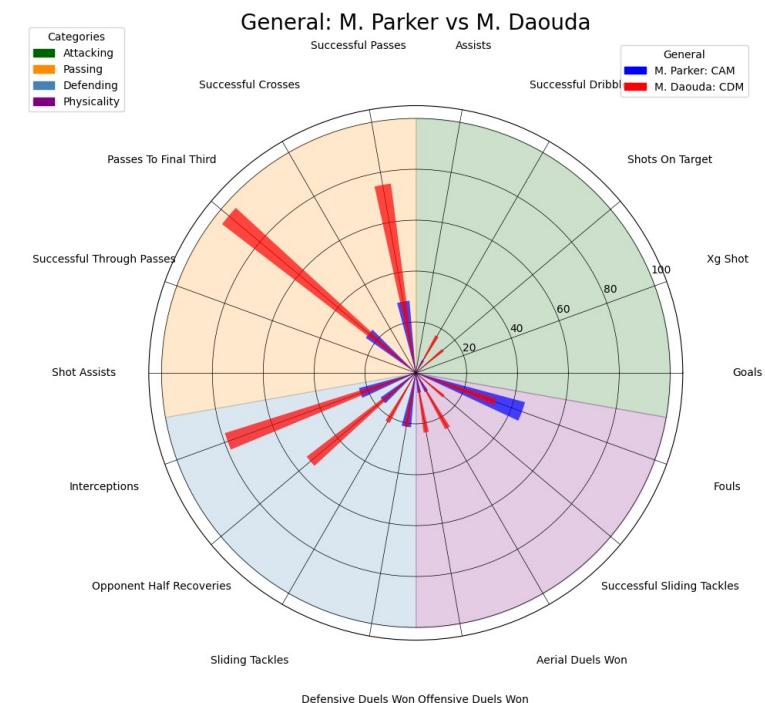
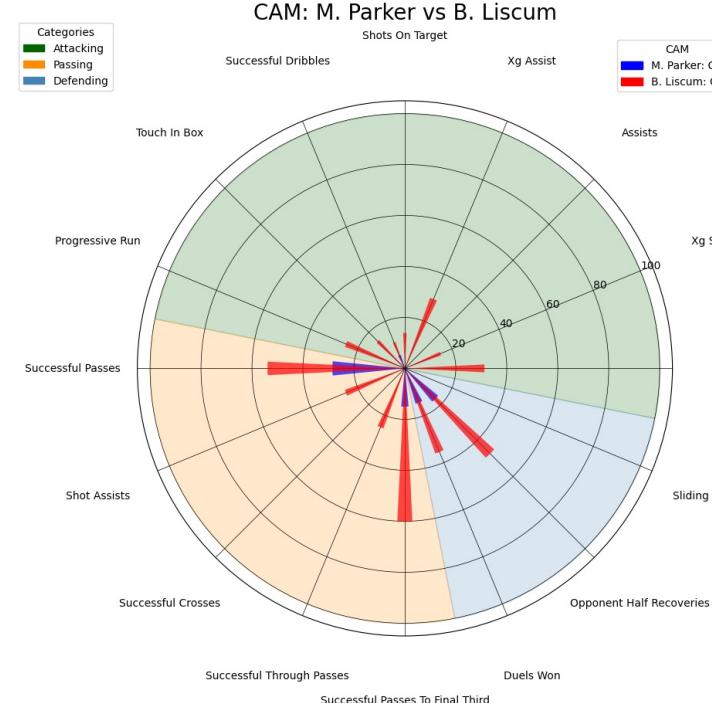
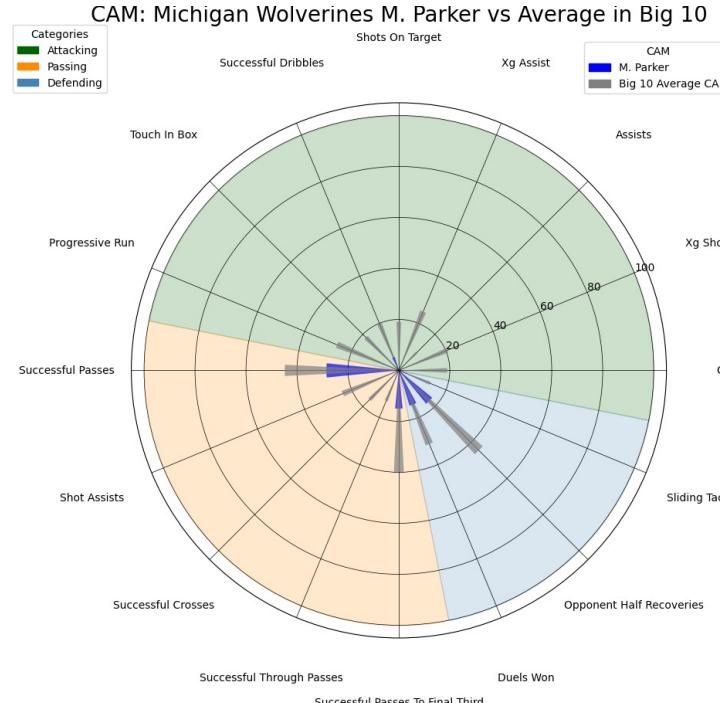
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Perez #8

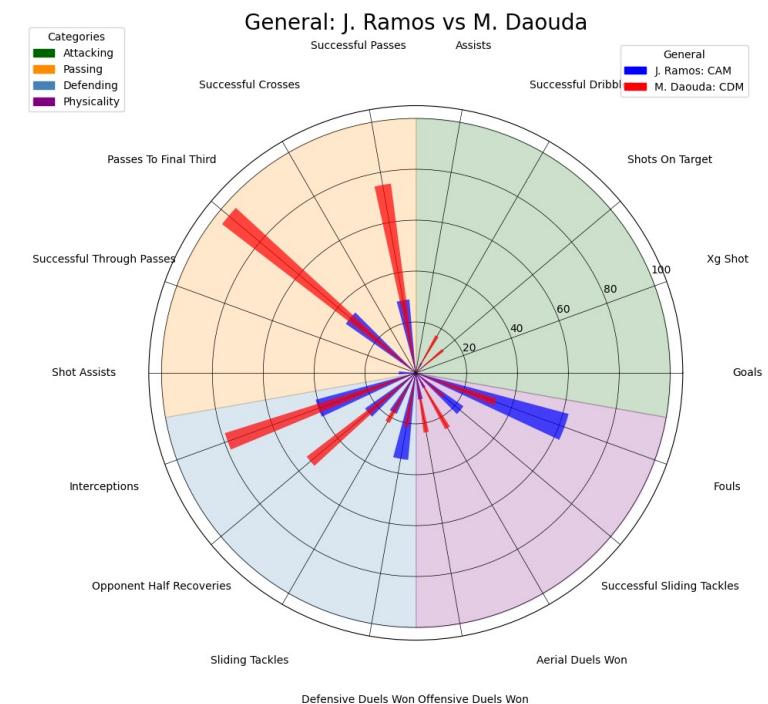
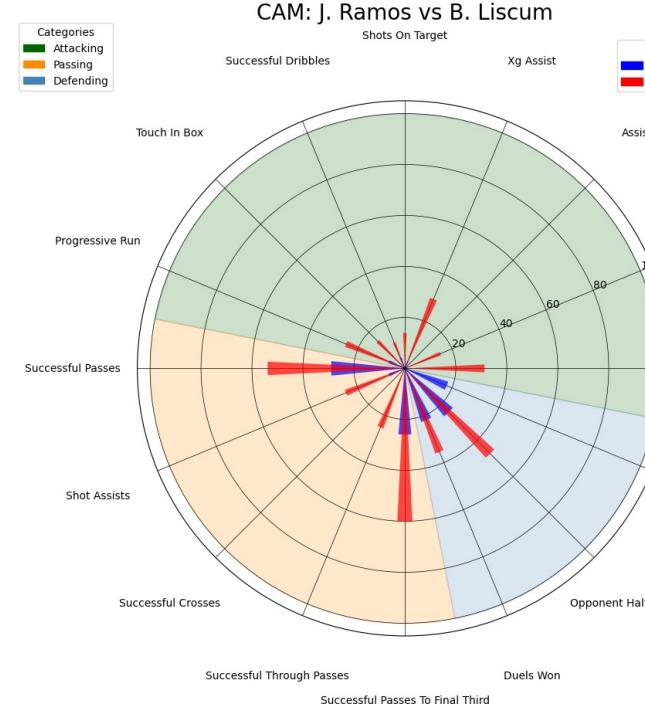
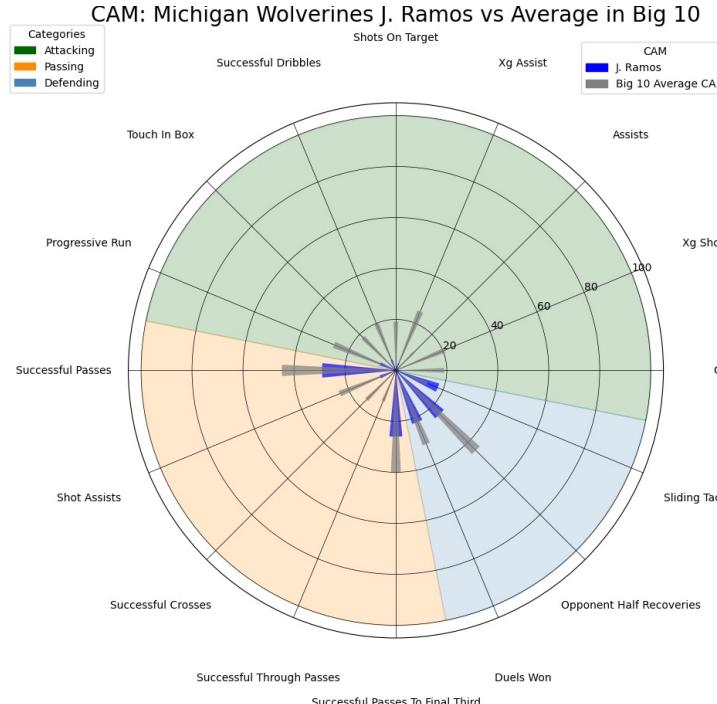


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Parker #16

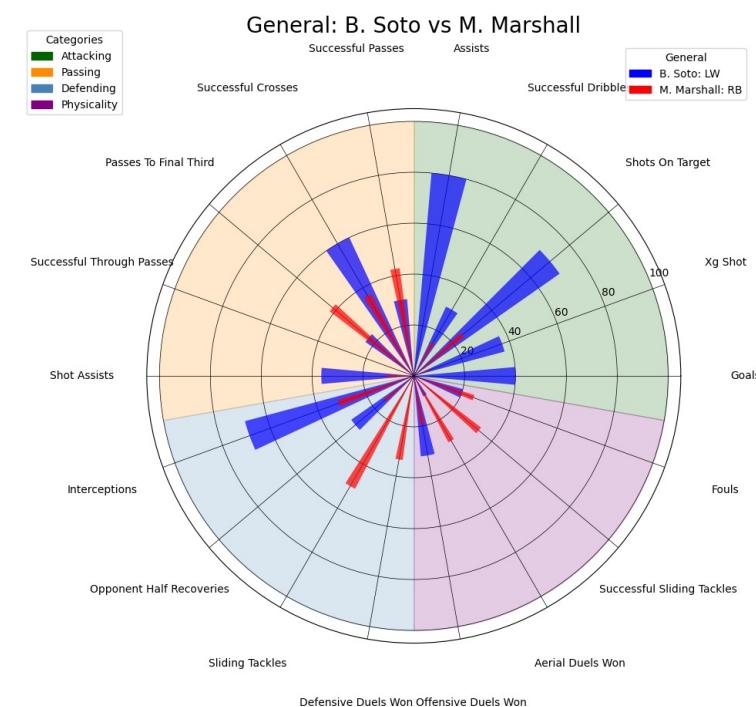
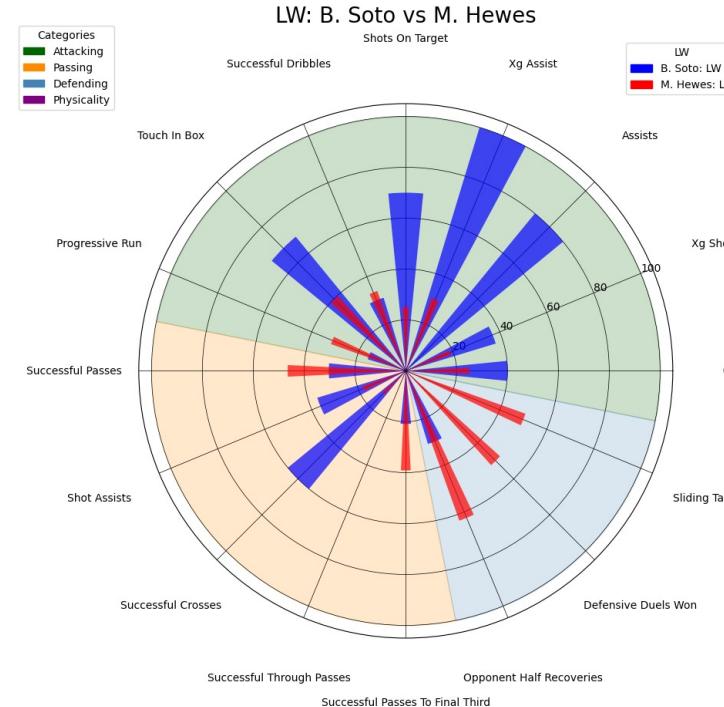
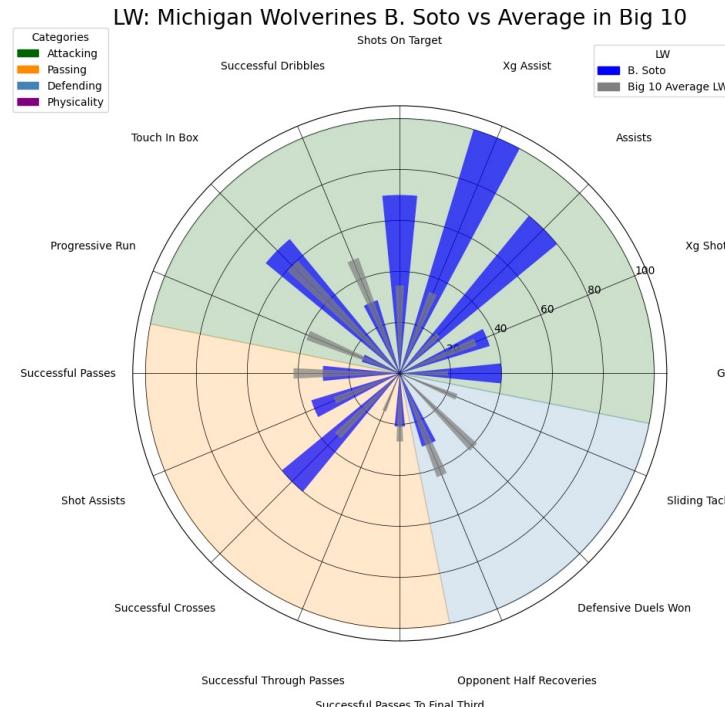


Ramos #17

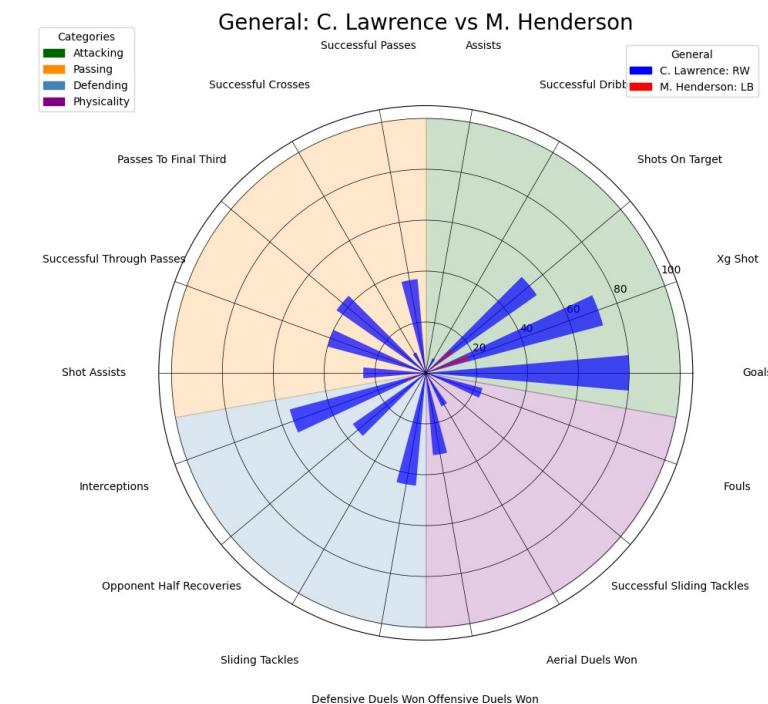
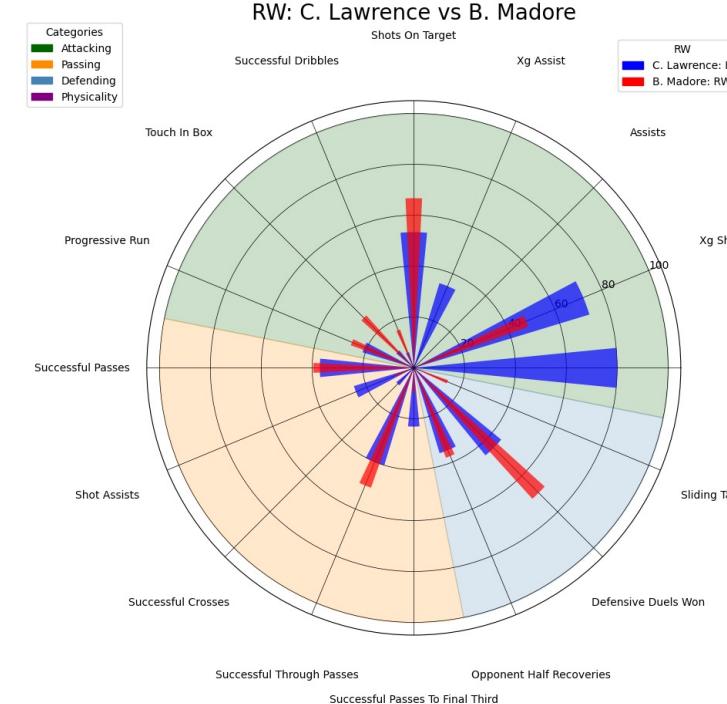
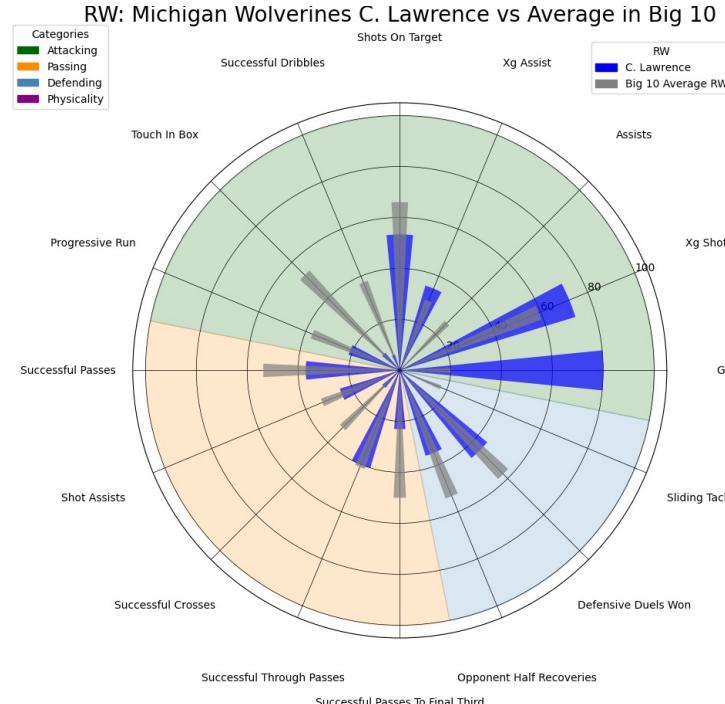


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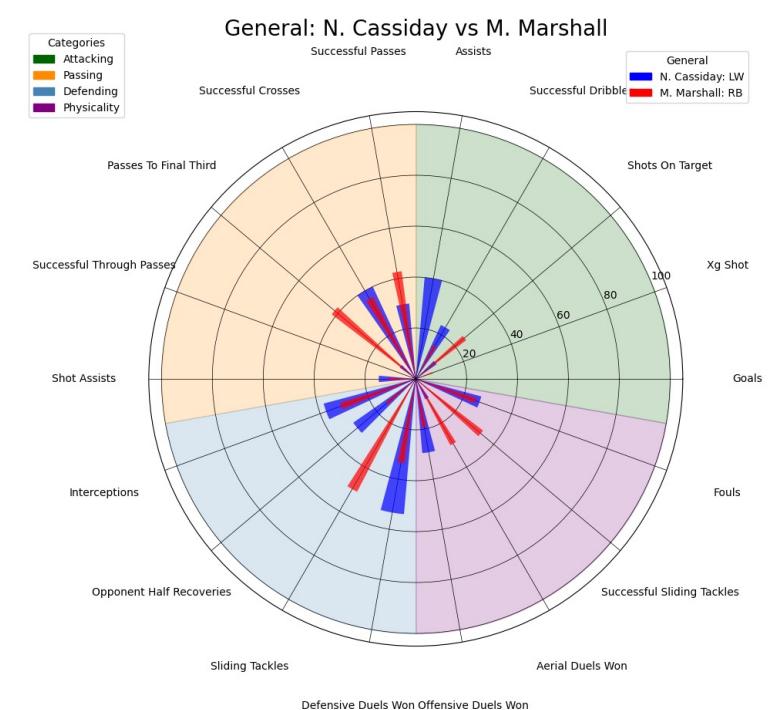
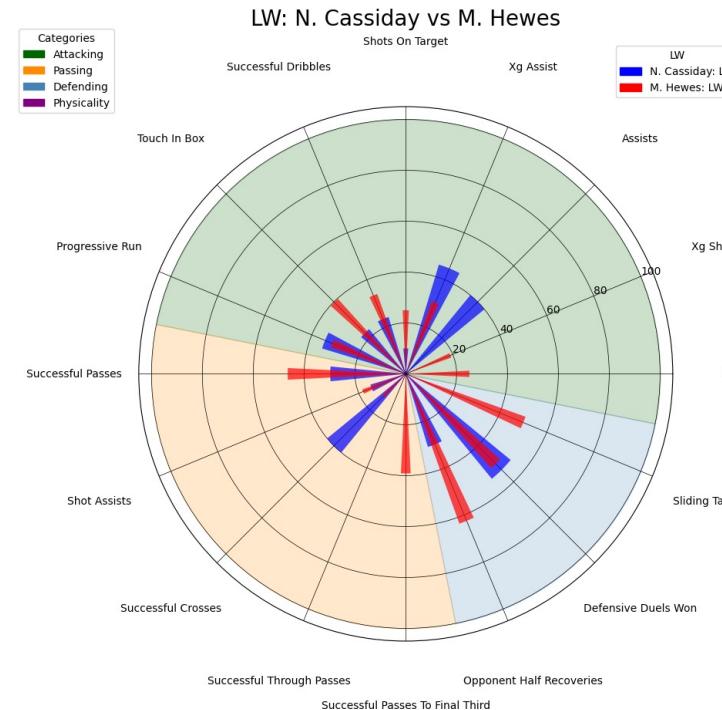
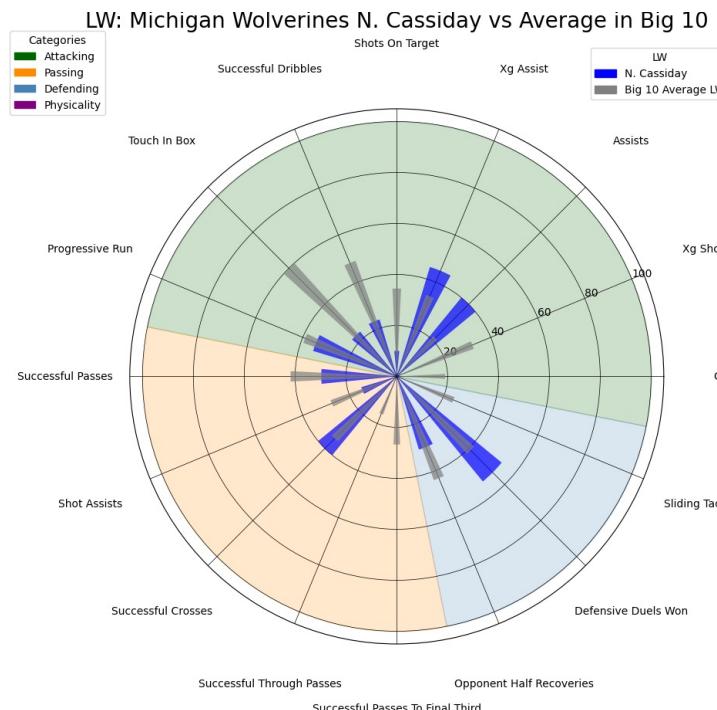
Soto #21



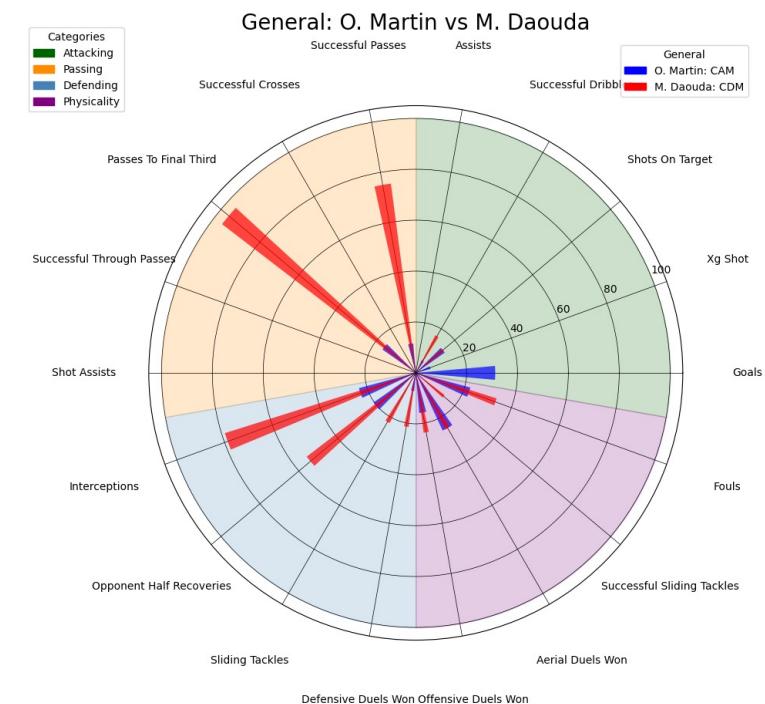
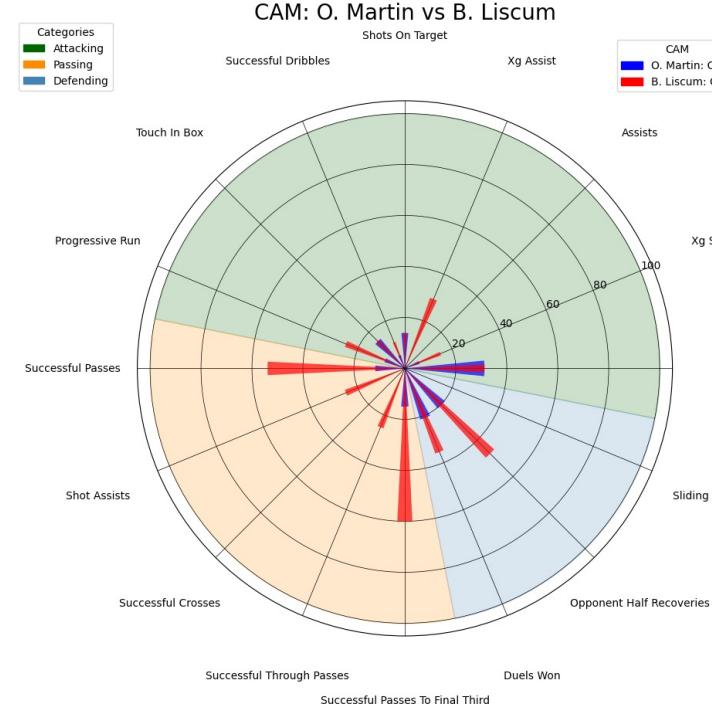
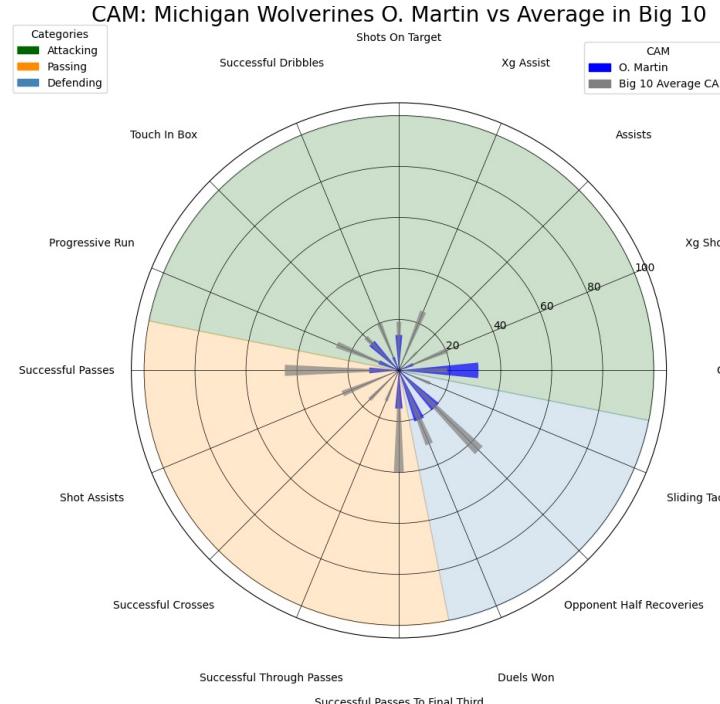
Lawrence #33



Cassiday #12

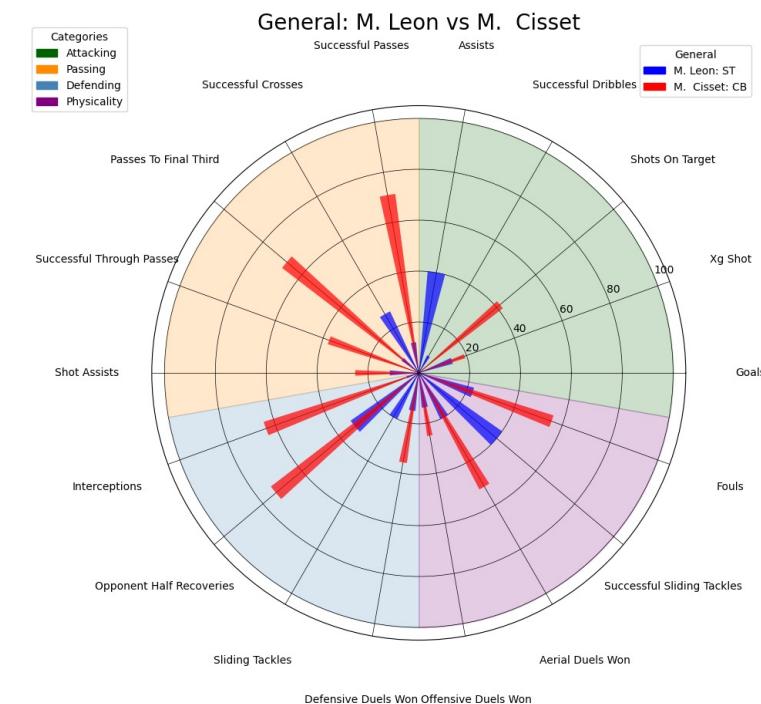
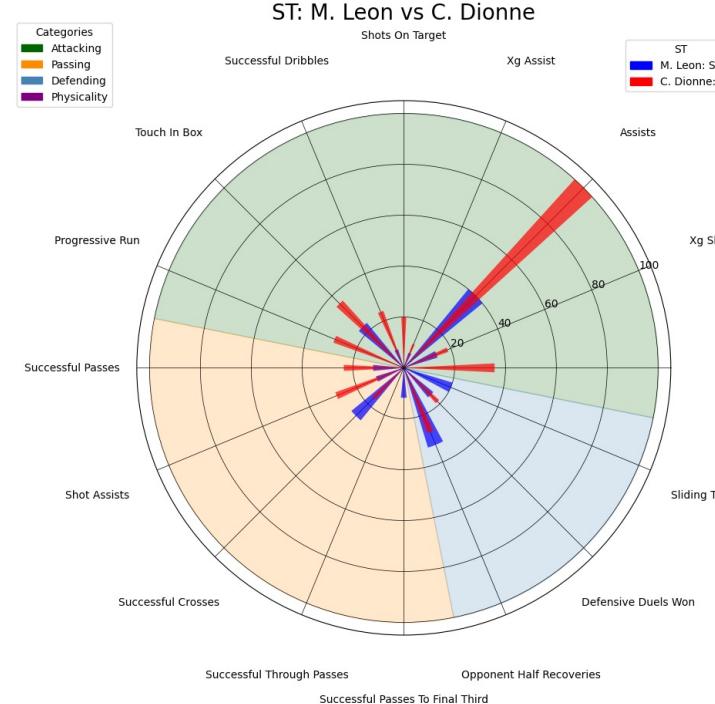
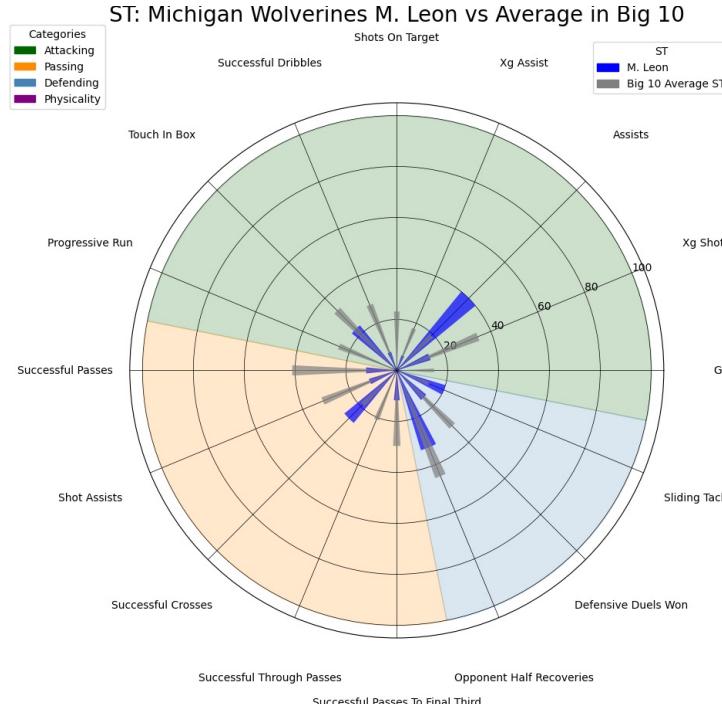


Martin #15



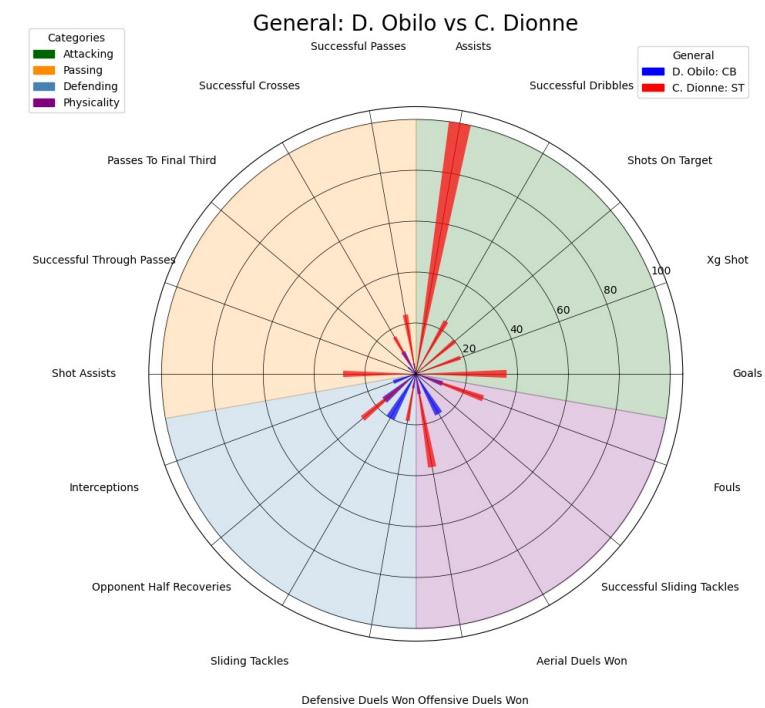
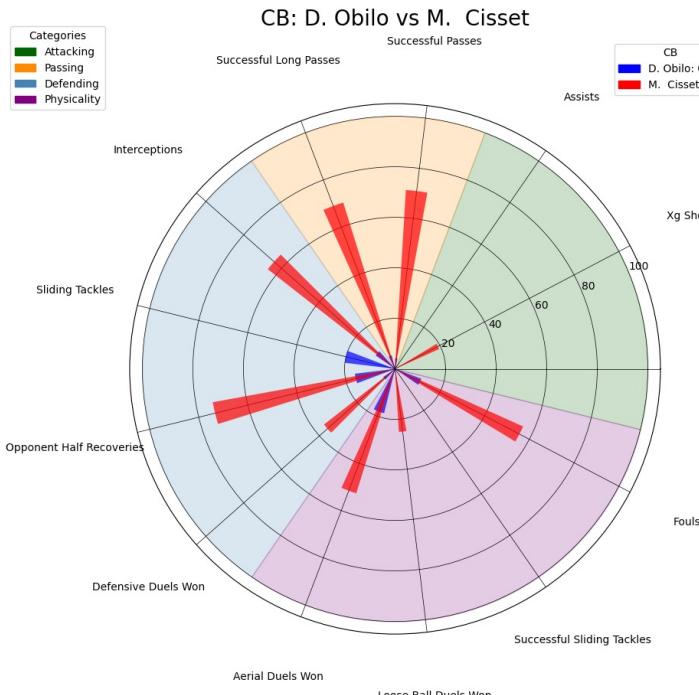
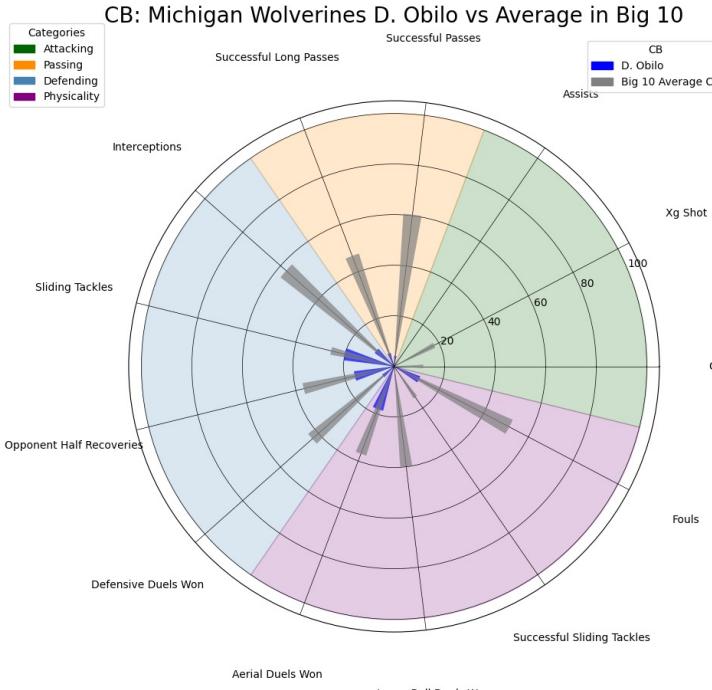
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Leon #22



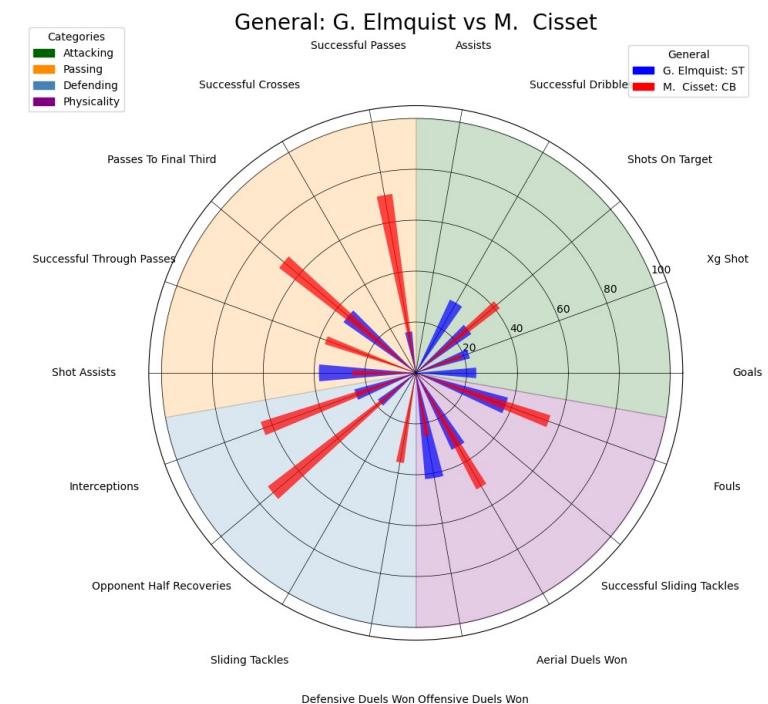
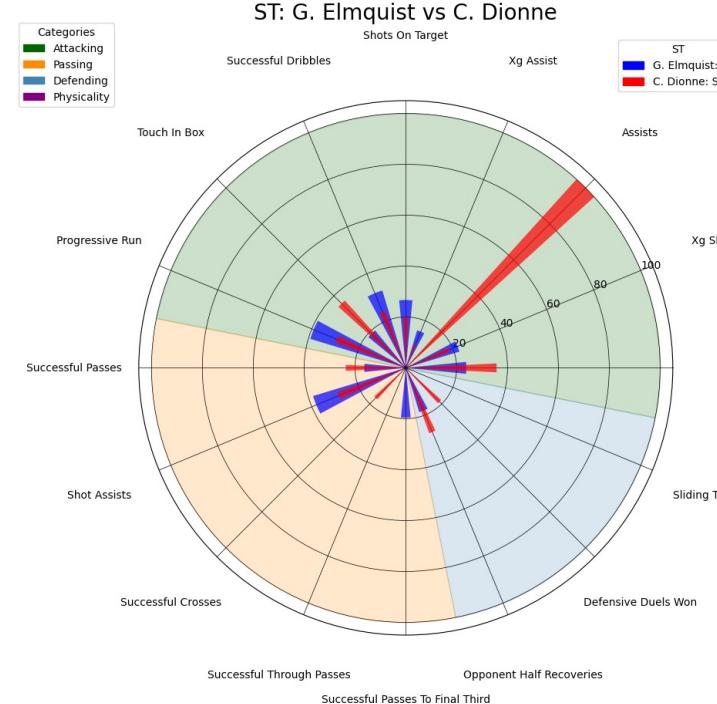
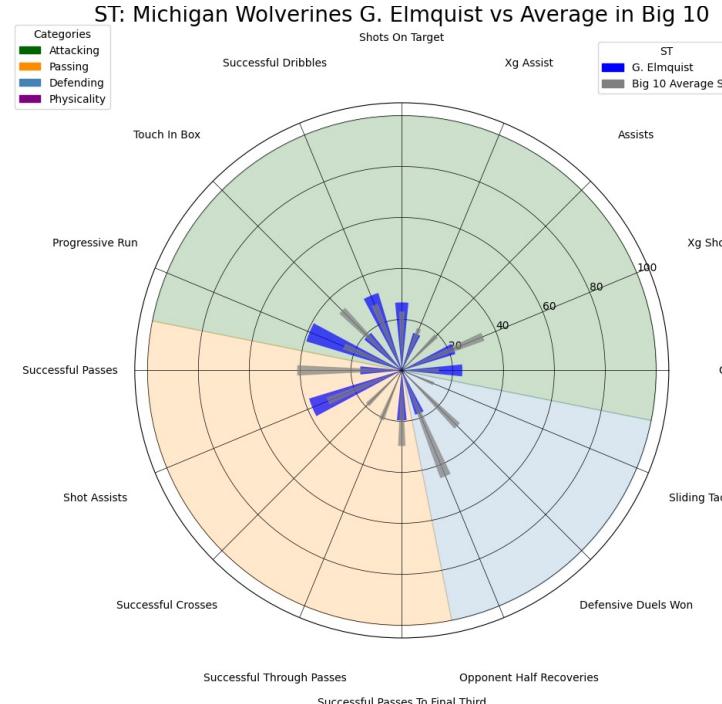
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Obilo #25



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Elmquist #29



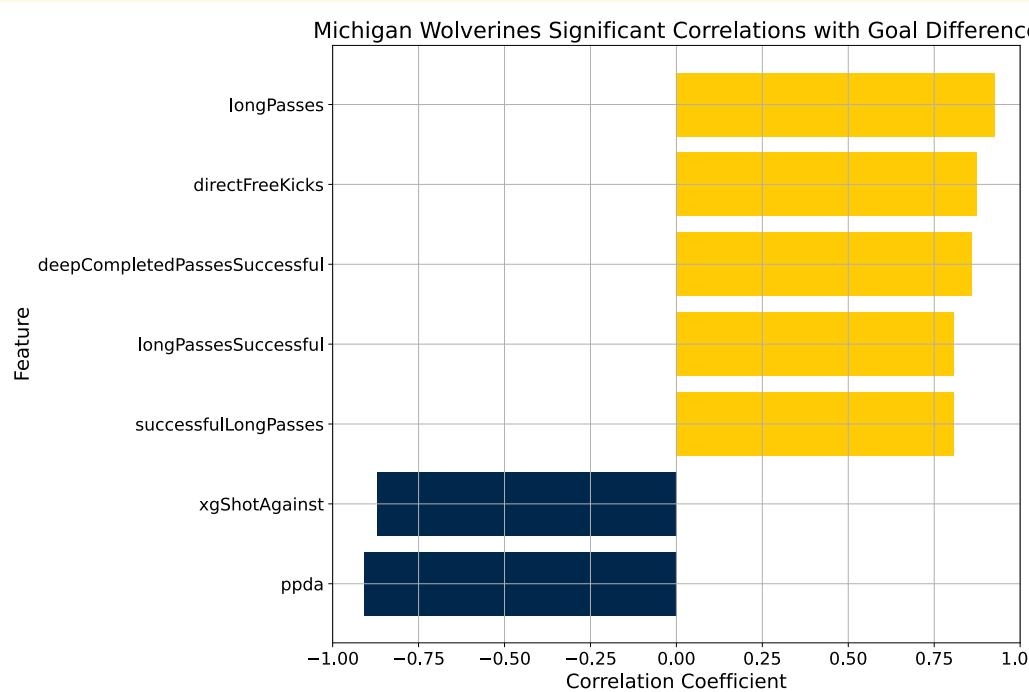
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Analysis

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Team Analysis

Michigan

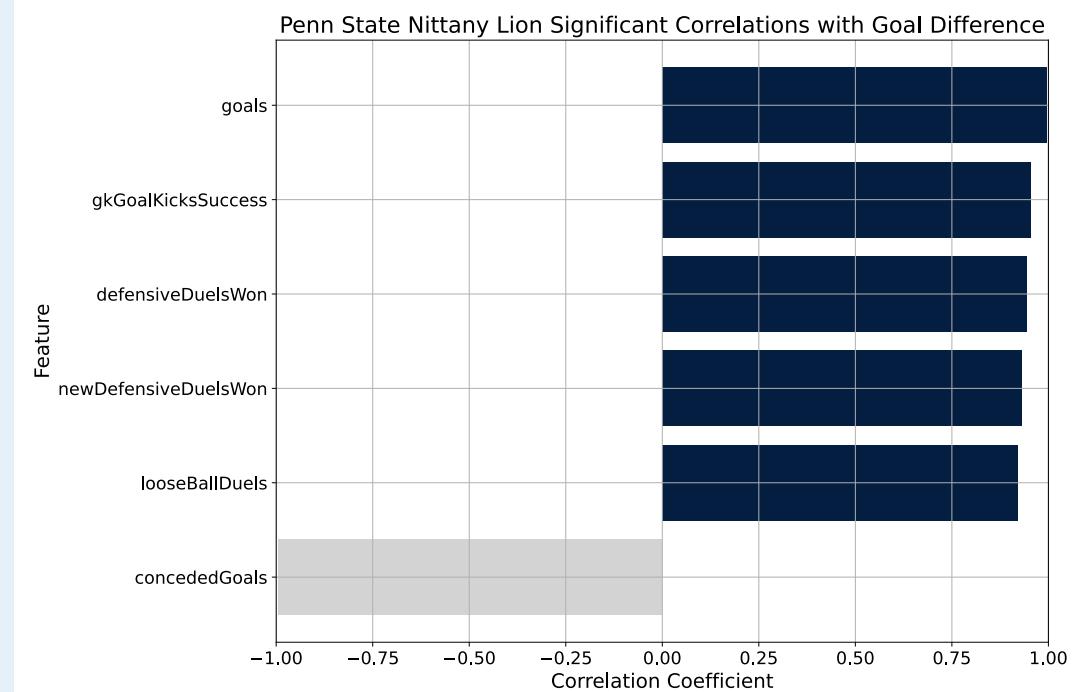
**Keys to success:**

- Long successful passes
- Deep successful passes
- Direct Free Kicks

Keys to failure:

- Passes per defensive action
(Number of Passes made by Attacking Team (opponent) / Number of Defensive Actions)
- Shots against (expected)

Penn State

**Keys to success:**

- Defensive duels won
- Loose ball duels won

Keys to failure:

- Conceded goals

This analysis is based on data from only 5 (Michigan) and 4(Penn State) games.

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Data & Other Information

This report was created using data from Wyscout (<https://www.hudl.com/products/wyscout>). The data was collected on 9/4/2024 (Penn State last game against St. Bonaventure, Michigan last game against Detroit Mercy.)

This report was created by Colin Badgero, David Lee, Selina Rey, Nikhil Satpathy, Simon Vasquez, Aubree Xia, Lauren Brideau, Claire Dawson, Jin Yong Kim, Raed Al Kontar, Albert S. Berahas and Salar Fattahi.

This project is funded by the The Michigan Institute for Data & AI in Society (<https://midas.umich.edu/>) under the grant “WinAI: Propelling UM Soccer with Data-Driven AI” and the Industrial and Operations Engineering department.