

Miami (OH) CFBD Project Results — compiled report

Executive snapshot

2024 record: 9-5 across 14 FBS games.
Scoring: 24.1 PF/game, 18.8 PA/game, average margin +5.3.
Simple ratings: SRS -1.6 (rank 70), Elo 1593 (rank 28).
Recruiting/development residual: +42.9 Elo over 9 seasons; positive in 66.7% of scored seasons.
Play-level tendencies: 15.8% actual fourth-down go-rate vs 24.4% expected; -8.6 percentage-point conservative residual.
Run/pass: 53.7% rush rate vs 51.8% FBS average; modestly run-heavy overall.
Upset archive: 14 lined Miami games, 2 Miami-involved spread upsets.

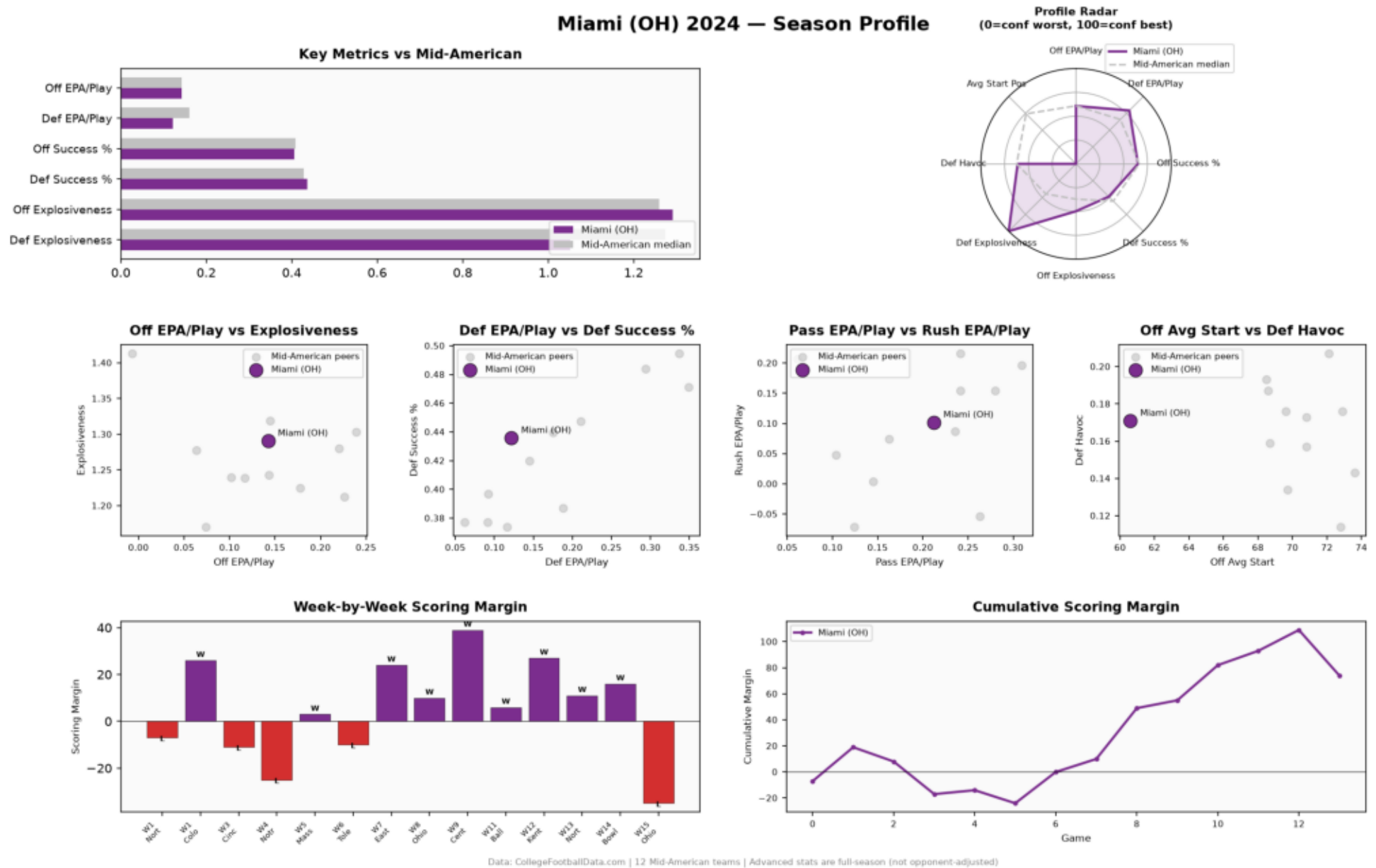
What kind of team was Miami (OH)?

The short version: defense and late-season margin carried the profile more than raw offensive dominance. The team finished with a healthy scoring margin, a strong Elo finish, and an ugly MAC-title-game reversal against Ohio that shows up in both the rivalry and upset sections. The play-level study paints Miami as conservative on fourth down relative to situation, not reckless.

Verification

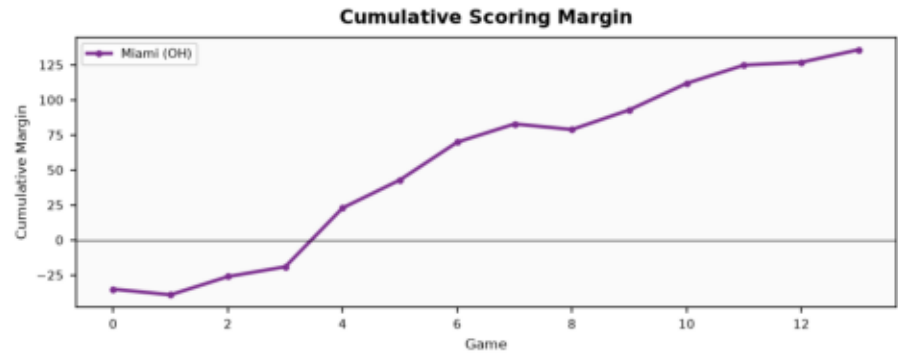
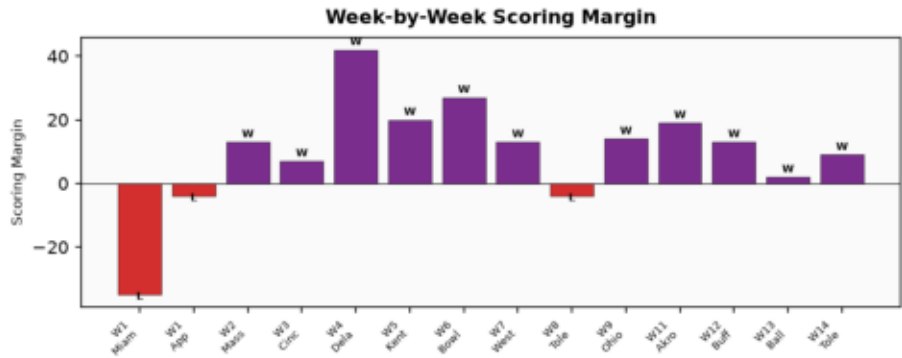
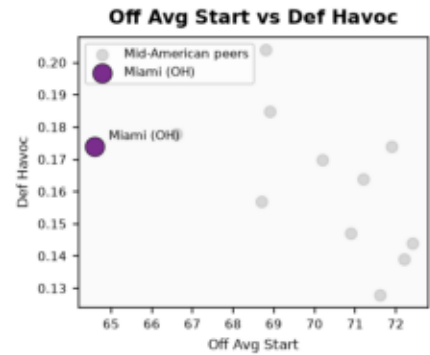
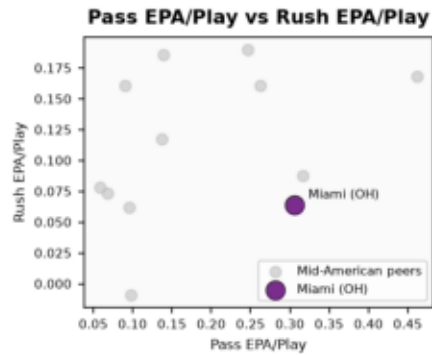
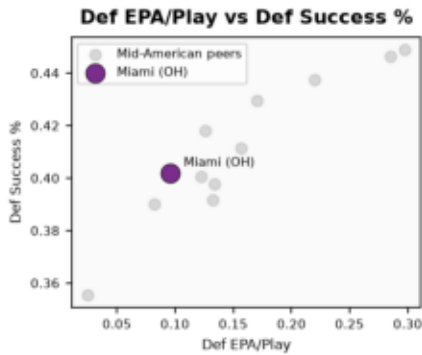
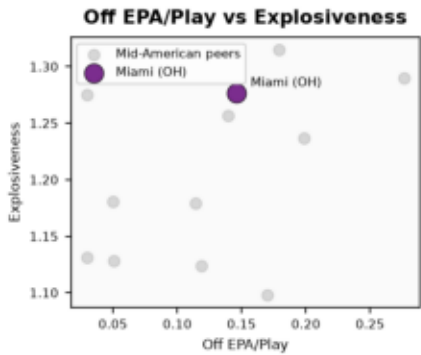
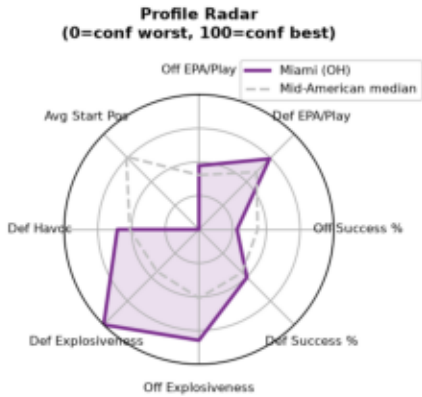
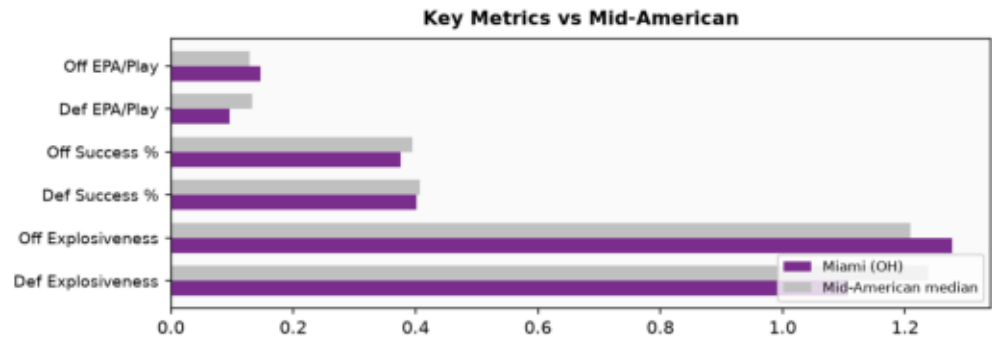
Built from live artifacts in exports/. Final checks run after compilation work: ruff passed on the touched scripts/tests; pytest passed with 127 tests and 1 existing Starlette/httpx warning. PDF verified with pdfinfo/pdftotext after creation.

1. Team season profile — Miami (OH) 2024



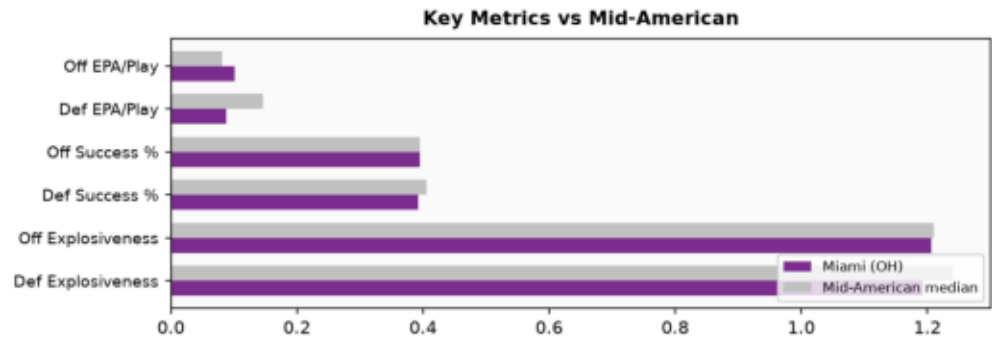
Team profile appendix — Miami (OH) 2023

Miami (OH) 2023 — Season Profile



Team profile appendix — Miami (OH) 2025

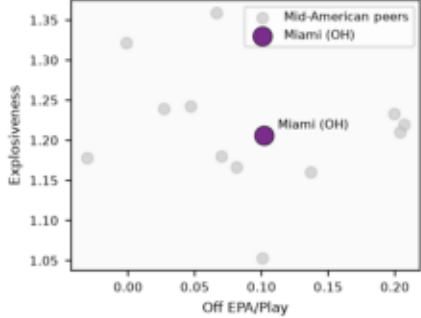
Miami (OH) 2025 — Season Profile



Profile Radar (0=conf worst, 100=conf best)



Off EPA/Play vs Explosiveness



2. Rivalry history explorer — Battle of the Bricks

Series summary

Miami (OH) vs Ohio, 1904-2025: 68 meetings. Ohio leads 35-32-1. Average margin is -1.3 from the Miami perspective, and the current streak is Ohio 2.

Recent results

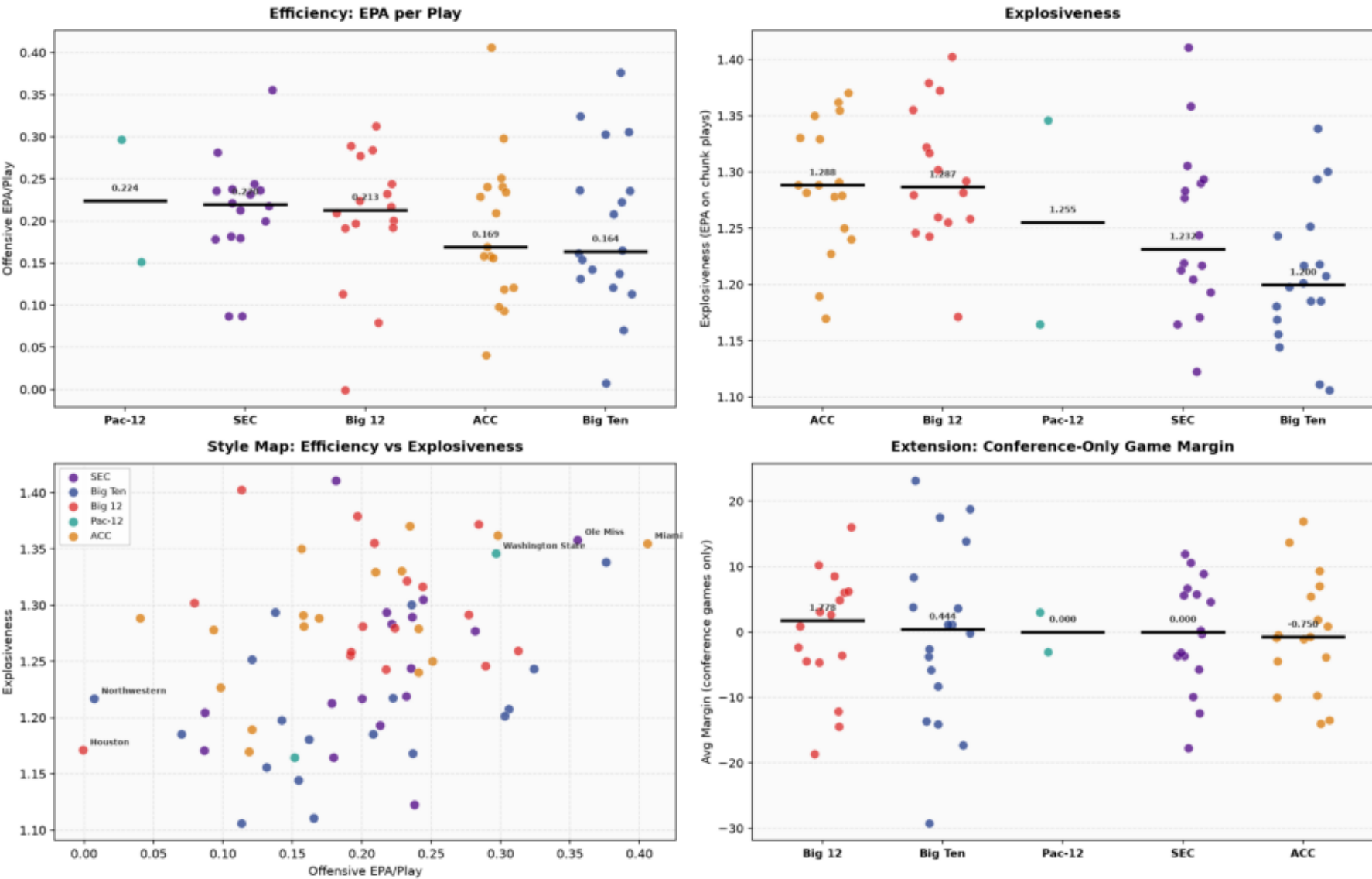
year	result	score	margin	site	type
2025	Ohio W	20–24	-4	Home Ohio	Conf
2024	Ohio W	3–38	-35	 Ford Field	Conf
2024	Miami W	30–20	+10	Home Miami	Conf
2023	Miami W	30–16	+14	Home Ohio	Conf
2022	Ohio W	21–37	-16	Home Miami	Conf
2021	Ohio W	33–35	-2	Home Ohio	Conf
2019	Miami W	24–21	+3	Home Ohio	Conf
2019	Ohio W	5–76	-71	Home Ohio	Non-conf

Interactive artifact

/Users/stephen_bowman/Documents/00-Development/Projects/cfb-model-lab/exports/rivalry_battle_of_the_bricks.html

3. Conference comparison – 2024 context

Conference Offensive Identity – 2024
Full-season EPA/Play & Explosiveness (not opponent-adjusted)



Data: CollegeFootballData.com | 69 Power-5 teams | Advanced stats are full-season, not opponent-adjusted
Black bar = conference median. Each dot = one team.

Conference-level style context. Not Miami-only; included because the project compares teams/conferences around the same season.

4. Weekly game watchlist — historical replay test

Top-five result

#1 Ohio State @ Penn State — Watchability: 85.3/100

Spread: Ohio State +3.0 | O/U: 47.5 | Ranking: #3 vs #4

Projected coin-flip • Two strong teams • Marquee spotlight • Ranked showdown • Conference game

#2 Texas A&M @ South Carolina — Watchability: 73.7/100

Spread: Texas A&M +3.0 | O/U: 43.5 | Ranking: #11 ranked

Projected coin-flip • Quality matchup • Marquee spotlight • Ranked showdown • Conference game

#3 TCU @ Baylor — Watchability: 71.1/100

Spread: Baylor -2.5 | O/U: 64.0

Projected coin-flip • High-scoring expected • Marquee spotlight • Conference game

#4 Minnesota @ Illinois — Watchability: 66.4/100

Spread: Minnesota +2.5 | O/U: 47.0 | Ranking: #24 ranked

Projected coin-flip • Marquee spotlight • Ranked showdown • Conference game

#5 USC @ Washington — Watchability: 64.8/100

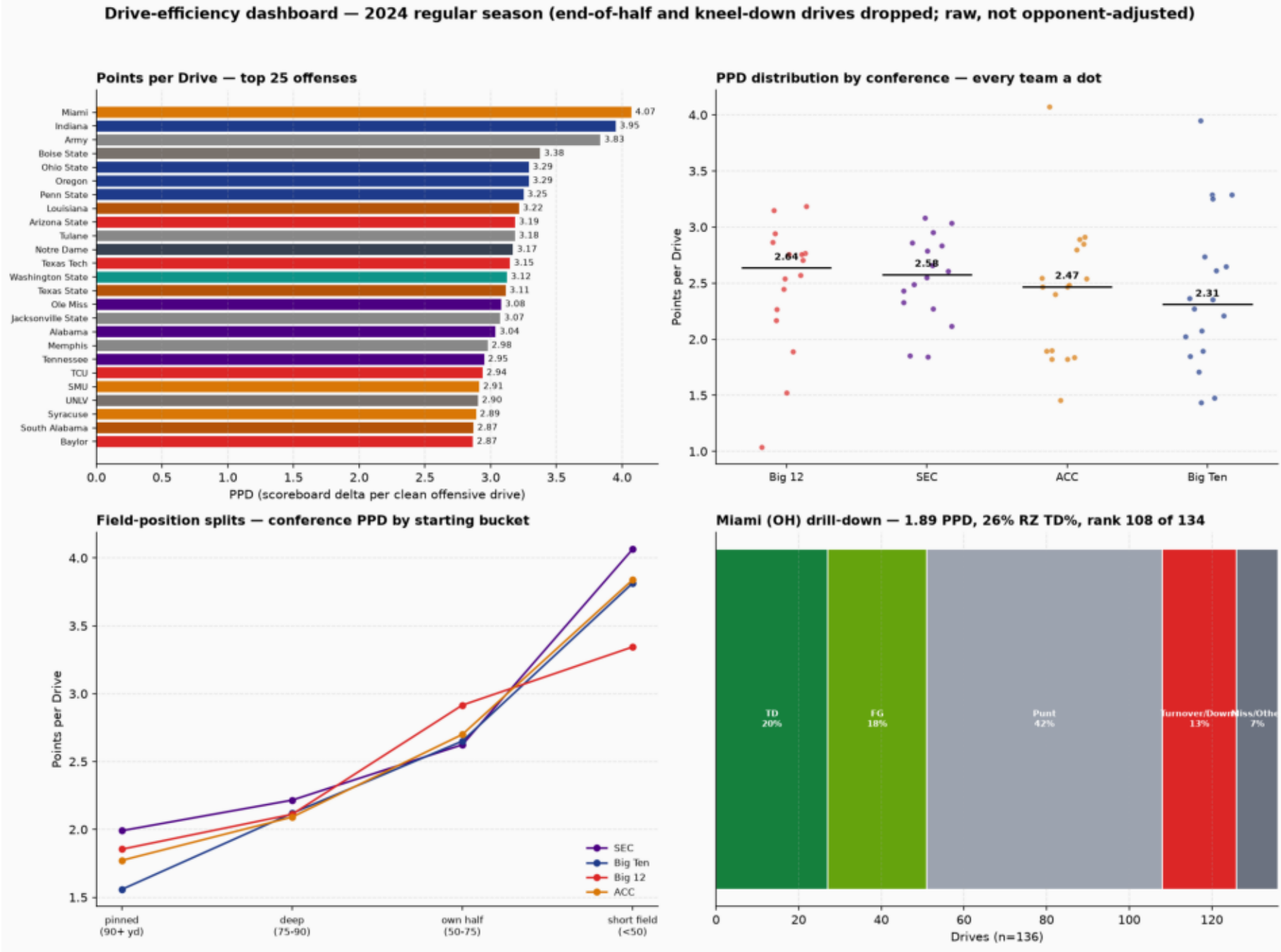
Spread: USC +2.0 | O/U: 55.0

Projected coin-flip • High-scoring expected • Marquee spotlight • Conference game

Note

The watchlist is schedule-level, not team-specific. It was replayed with --include-completed so historical weeks can be tested during the offseason.

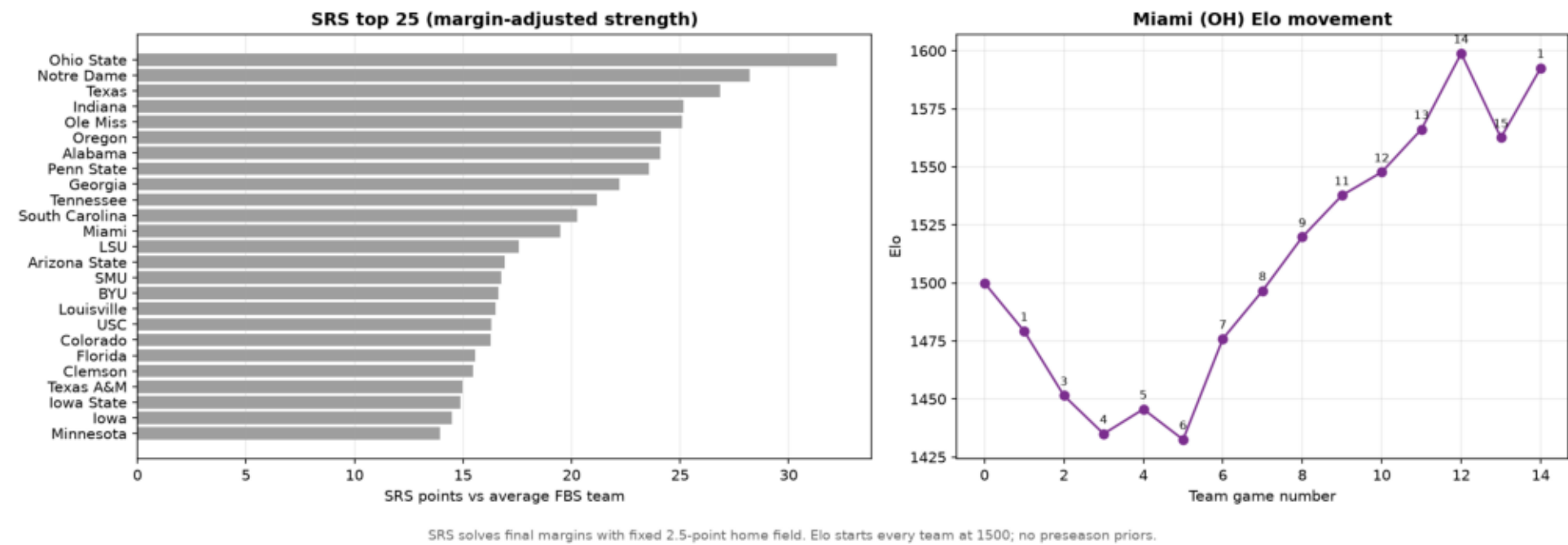
5. Drive-efficiency dashboard — Miami (OH) 2024 drill-down



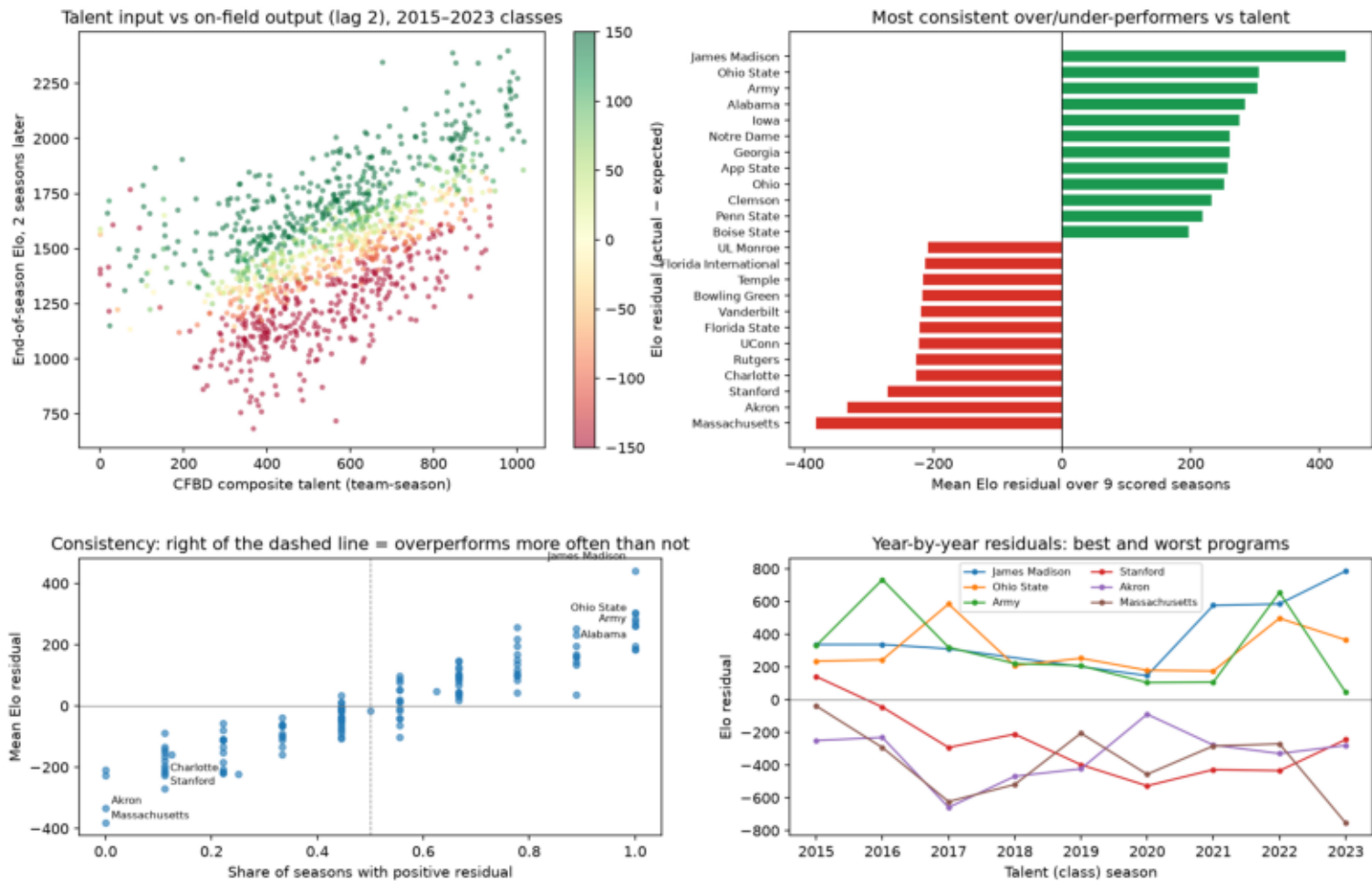
Bottom-right panel is the Miami (OH) drive-result drill-down; leaderboard/distribution panels show national context.

6. Simple power ratings — Miami (OH) 2024

Simple Power Ratings — 2024



7. Recruiting versus development — Miami (OH) row



Residual = actual Elo – Elo predicted from log(talent), log(talent)², returning PPA share, and returning usage (per-season OLS across FBS). Transfers are controlled indirectly through returning production, not player-by-player; residuals still bundle coaching, development, injuries, and luck — not development alone.

Miami (OH): mean residual +42.9, SE 32.1, positive share 66.7% over 9 seasons.

8. Historical upsets — Miami (OH) 2024 lined games

Definition

Upset score = absolute closing spread + underdog winning margin. Negative spread means the home team was favored.

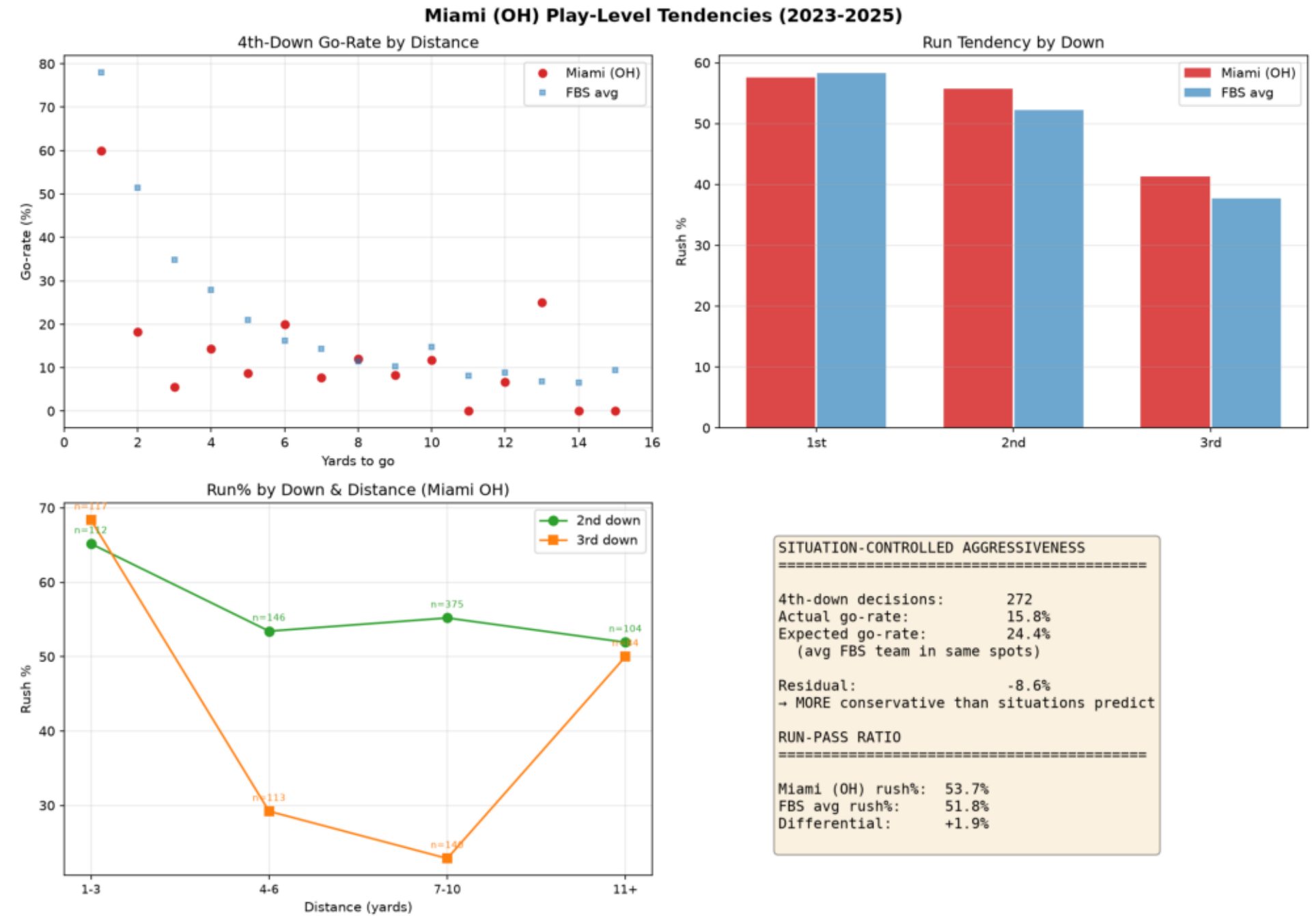
Miami games with closing lines

week	game	spread	result	upset score
15	Ohio @ Miami (OH)	Miami (OH) -2.5	38-3	YES 37.5
14	Miami (OH) @ Bowling Green	Bowling Green -3	28-12	YES 19.0
9	Central Michigan @ Miami (OH)	Miami (OH) -10.5	7-46	no 0.0
1	Miami (OH) @ Colorado State	Miami (OH) -1	43-17	no 0.0
7	Miami (OH) @ Eastern Michigan	Miami (OH) -3	38-14	no 0.0
5	Massachusetts @ Miami (OH)	Miami (OH) -15.5	20-23	no 0.0
13	Northern Illinois @ Miami (OH)	Miami (OH) -1.5	9-20	no 0.0
3	Cincinnati @ Miami (OH)	Cincinnati -2.5	27-16	no 0.0
11	Miami (OH) @ Ball State	Miami (OH) -13	27-21	no 0.0
8	Ohio @ Miami (OH)	Miami (OH) -3.5	20-30	no 0.0
6	Miami (OH) @ Toledo	Toledo -4.5	20-30	no 0.0
12	Kent State @ Miami (OH)	Miami (OH) -31	7-34	no 0.0
1	Miami (OH) @ Northwestern	Northwestern -4	6-13	no 0.0
4	Miami (OH) @ Notre Dame	Notre Dame -27.5	3-28	no 0.0

Searchable archive artifact

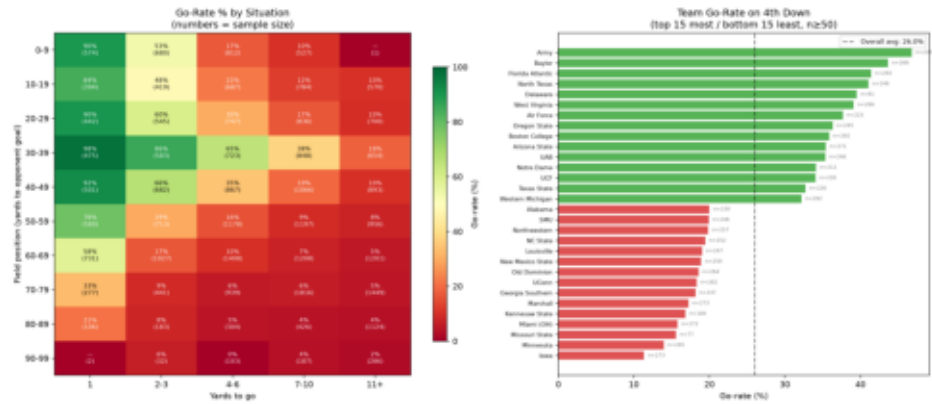
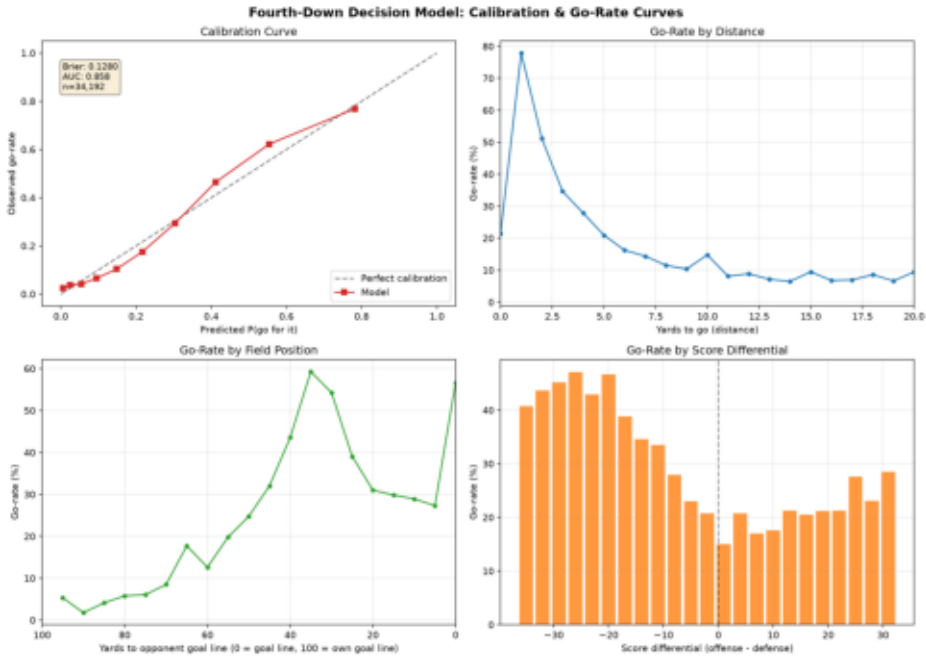
/Users/stephen_bowman/Documents/00-Development/Projects/cfb-model-lab/exports/upsets_2024.html

9. Play-level tendencies — Miami (OH) 2023-2025



Fourth-down aggression, run tendency by down, distance splits, and situation-controlled aggressiveness summary.

Play-level decision model appendix



General fourth-down model outputs used for the advanced project; observational, not a coaching oracle.

10. In-season prediction pipeline demo — Miami (OH) rows

Demo export result

The model demo wrote 904 held-out predictions to exports/sample_week_predictions.json. Demo model accuracy reported by the run: 0.729.

Miami (OH) prediction rows

Held-out export had 17 Miami (OH) rows overall; 2 from 2024.

season	wk	game	home win prob	projected winner	tier
2024	9	Central Michigan @ Miami (OH)	0.792	Miami (OH)	medium
2024	14	Miami (OH) @ Bowling Green	0.529	Bowling Green	low