Evaluating Offensive Line Run-Blocking with Field Control Added (FCA)

Overview

Identifying individual contributions in run-blocking is a challenging aspect of line play evaluation. To better isolate the value that each offensive lineman brings to the run game, we developed a new metric—**Field Control Added (FCA)**—which measures how much space a lineman helps create in the running back's intended lane. This gives us a clearer picture of which linemen are truly driving success in the ground game, beyond what shows up in traditional stats or game outcomes.

What FCA Measures

FCA quantifies how much control an offensive lineman provides within the running back's forward field of vision—from the handoff until the back reaches the second level. Using tracking data, we assess whether the offense or defense is more likely to reach each part of this space. We then simulate the same play with each lineman removed to measure the difference—this is the offensive lineman's **Field Control Added**.

Why It Matters

FCA gives us a direct, repeatable way to assess how well each lineman creates and sustains space. It doesn't just reward big runs but highlights consistent contributions to the designed run lane.

Key Takeaways for Scouting and Personnel

- **Elite interior linemen separate themselves.** Players like *Jason Kelce*, *Quenton Nelson*, and *Landon Dickerson* rank among the top of their positions, showing sustained ability to create and maintain space up front.
- **Underrated players stand out.** Names like *Cole Strange* and *Ted Karras* ranked highly despite receiving limited accolades. FCA helps surface valuable contributors who may be overlooked in contract value or Pro Bowl votes.
- **Interior line focus.** FCA aligns well with broader performance metrics for centers and guards. It is most effective when evaluating interior OL, where blocking in tight spaces and sustaining leverage is critical.
- **Tactical and roster implications.** FCA can be a valuable tool for identifying cost-effective free agents and validating coaching evaluations—particularly when looking to improve inside run efficiency.

Centers

	Player	WAV	N Plays	FCA
1	Jason Kelce	102	89	98
2	Ethan Pocic	30	157	96.6
3	Ryan Kelly	54	109	95
4	Jon Feliciano	26	99	91.1
5	Ted Karras	44	85	87.1
6	Mason Cole	25	83	86.8
7	Erik McCoy	33	142	80.2
8	Scott Quessenberry	13	92	79.1
9	David Andrews	58	116	78.1
10	Drew Dalman	16	177	74.3
11	Tyler Biadasz	31	141	73.7
12	Frank Ragnow	51	105	72.6
13	Evan Brown	23	84	71
14	Robert Hainsey	15	118	69.8
15	Austin Blythe	33	97	66.4
16	Josh Myers	27	95	66.3
17	Ben Jones	58	155	62.2
18	Connor McGovern	29	113	51.9
19	Lloyd Cushenberry	22	115	49.2
20	Connor Williams	34	123	47.5

Gaurds

	Player	WAV	N Plays	FCA
1	Michael Onwenu	26	128	95.7
2	Landon Dickerson	31	85	94.6
3	Quenton Nelson	69	119	94.1
4	Isaac Seumalo	35	82	91.6
5	Joel Bitonio	73	157	90.3
6	Austin Corbett	26	90	89
7	Shaquille Mason	67	117	85.8
8	Laken Tomlinson	54	113	85.8
9	Cole Strange	11	126	85.5
10	James Daniels	29	83	84.2
11	Isaiah Wynn	23	87	83.3
12	Alex Cappa	42	85	83.1
13	Luke Goedeke	17	103	83
14	Cesar Ruiz	26	142	80
15	A.J. Cann	39	100	79.3
16	Nate Herbig	13	83	78.6
17	Cordell Volson	22	85	77.5
18	Kevin Dotson	24	83	71.6
19	Zack Martin	103	141	67.8
20	Graham Glasgow	44	85	67.4

Tackles

	Player	WAV	N Plays	FCA
1	Brady Christensen	13	90	79.2
2	Matt Pryor	18	114	70.3
3	Rob Havenstein	56	93	64.2
4	Abraham Lucas	15	105	63.3
5	Braden Smith	39	119	61.8
6	La'el Collins	52	85	59.3
7	Teven Jenkins	15	98	58.1
8	Penei Sewell	52	118	57.3
9	Terence Steele	28	141	56.5
10	Tristan Wirfs	58	118	54
11	Charles Cross	22	105	52.8
12	Ryan Ramczyk	64	142	52.6
13	Taylor Moton	43	90	52
14	Jonah Williams	33	84	51.2
15	Dennis Daley	14	145	48.8
16	Braxton Jones	16	137	47.2
17	Nicholas Petit-Frere	11	163	45.3
18	Larry Borom	13	114	44.8
19	Andrew Thomas	27	100	44.4
20	Alaric Jackson	12	82	43.6

*WAV ~ Weighted Approximate Value
*FCA ~ Field Control Added (to ball carrier vision cone)

Top 20 OL by FCA (Weeks 1–9, 2022). *FCA correlates most strongly with WAV for centers and guards, highlighting its value in assessing interior run-blocking impact.*