

Consolidated Football Metrics Comparison

2025-03-31

Table 1: Consolidated Football Metrics - Outcome vs. Select

Variable	Available In	Outcome Data							Select Data						
		Mean	Median	SD	Min	Max	Zero Count	Zero %	Mean	Median	SD	Min	Max	Zero Count	Zero %
Conversion Attempt	Outcome Only	0.52	1.00	0.50	0.00	1.00	1923	47.85							
Yards to Go	Select Only								0.22	0.00	0.41	0.00	1.00	19970	77.98
Vegas Win Prob	Both	4.12	2.00	4.58	1.00	34.00	0	0.00	7.77	7.00	5.73	1.00	46.00	0	0.00
Spread Line	Both	0.33	0.21	0.34	0.00	1.00	0	0.00	0.47	0.45	0.32	0.00	1.00	0	0.00
Total Line	Both	1.98	3.00	6.35	-18.00	22.00	0	0.00	1.79	2.50	6.36	-18.00	22.00	44	0.17
Temperature	Both	45.43	45.50	4.55	30.00	63.50	0	0.00	45.01	45.00	4.56	30.00	63.50	0	0.00
Wind	Both	60.84	70.00	15.35	6.00	93.00	0	0.00	61.73	70.00	15.14	6.00	97.00	0	0.00
Def Stop Rate (Run)	Both	5.34	4.00	5.93	0.00	44.00	1604	39.91	5.42	4.00	5.73	0.00	44.00	9639	37.64
Def Stop Rate (Pass)	Both	0.75	0.75	0.04	0.47	1.00	0	0.00	0.75	0.75	0.05	0.47	1.00	0	0.00
QB Short Pass	Both	0.67	0.67	0.04	0.39	0.86	0	0.00	0.67	0.67	0.04	0.37	0.91	0	0.00
QB Medium Pass	Outcome Only	62.06	64.84	13.90	0.00	90.20	164	4.08							
QB Deep Pass	Outcome Only	63.36	66.97	17.08	0.00	99.10	209	5.20							
Starter QB Short	Both	64.38	68.19	18.05	0.00	96.40	220	5.47							
Starter QB Medium	Both	63.95	65.13	9.26	0.00	86.40	58	1.44	63.89	65.12	9.38	0.00	86.40	387	1.51
Starter QB Deep	Both	66.35	67.70	11.16	0.00	94.50	57	1.42	66.36	67.89	11.41	0.00	94.50	395	1.54
	Both	67.47	68.76	11.93	0.00	96.00	60	1.49	67.35	68.84	12.14	0.00	99.00	424	1.66
Dataset information:		Outcome dataset: 4019 observations, 438 columns Select dataset: 25608 observations, 123 columns													