

	Coefficient	Odds ratio	SE	p-value	95% CI on OR
Intercept	4.50	89.70	0.48	0.0000	( 36.00 , 238.00 )
Distance	-0.08	0.92	0.01	0.0290	( 0.90 , 0.94 )
Wind conditions	2.92	18.60	1.78	0.0000	( 0.92 , 1180.00 )
Lead change	-0.33	0.72	0.20	0.0000	( 0.49 , 1.05 )
PAT	6.71	822.00	2.11	0.3986	( 8.28 , 47500.00 )
Distance * Wind	-0.09	0.91	0.05	0.0008	( 0.82 , 0.99 )
Distance * PAT	-0.27	0.76	0.10	0.0035	( 0.63 , 0.95 )

Table 1: Inferences from regressing field goal success on field goal distance, wind conditions, PAT attempt (or not), and if kick resulted in lead change. The model also includes interactions of both wind and PAT with distance, respectively. This inference table was created from the model fit using xtable.

Summary points for writing:

- Analysis is iterative
- Storyline
- Parsimony
- Interpret important variables
- Illustrate how to predict off of your final model