Fancy Model Summaries

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Presenting Multivariate Regression Results:

	Estimate	Std. Error	t value	Pr($>$|t|)
(Intercept)	7.163	0.998	7.176	0.0000
spin_rate	0.000	0.000	-0.735	0.4629
G	0.019	0.017	1.106	0.2693
SO	-0.006	0.003	-1.964	0.0502
K_percent	-4.553	2.172	-2.096	0.0366
luck_adj_ERA	-0.685	0.322	-2.128	0.0339
ERA:hard_hit_percent	0.007	0.004	1.574	0.1161
ERA:barrel_percent	0.024	0.011	2.141	0.0328

Table 1: Custom ERA Forecasting Model

Spin Rate	−0.0002
	(0.0003)
Games	0.019
	(0.017)
Strikeouts	−0.006*
	(0.003)
Strikeout Percent	−4.553**
	(2.172)
ERA:Hard Hit Percent	−0.685**
	(0.322)
ERA:Barrel Percent	0.007
	(0.004)
Luck Adjusted Era	0.024**
	(0.011)
Constant	7.163***
	(0.998)
Observations	457
R^2	0.170
Adjusted R^2	0.157
Residual Std. Error	0.977 (df = 449)
F Statistic	13.166*** (df = 7; 449)

Note: *p<0.1; **p<0.05; ***p<0.01