

**Figure 6—table supplement 1.** Details of the ANCOVAs performed on the linear model (from main text equation (11)) showing the denominator degrees of freedom, F-value and p-value for the fixed terrain factor, and the estimated slopes  $\beta_f$  for the fixed forward foot speed effect.

dependent variable	factor	DenDF	F-value	p-value	$\beta_f$
touchdown leg angle	terrain	193	1.48	0.23	—
	fwd. foot speed	38	115.83	< 0.0001	0.075
fore-aft impulse	terrain	79	1.45	0.24	-
	fwd. foot speed	78	12.83	0.001	0.015