

Supplementary file S3

Fit and specification tests, pulpwood models.

	RMSE	Fixed-effects F	Breusch-Pagan	Hausman	Breusch-Godfrey	IPS-ADF
Static, common slope						
Fixed effect	0.22	123.33***			63.89***	-1.77
Random effect	0.22		508.16***	2.06	117.80***	N.a.
First difference	0.14				0.81	N.a.
Dynamic, common slope						
Fixed effect	0.13	4.44***			1.03	-4.19***
Random effect	0.13		0.18	5.86	3.22*	N.a.
First difference	0.19				0.00	N.a.
Static, regional slopes						
Fixed effect	0.20	5.94***			46.61***	-1.98
Random effect	0.20		3.12*	0.22	119.19***	N.a.
First difference	0.14				1.07	N.a.
Dynamic, regional slopes						
Fixed effect	0.12	4.76***			1.30	-4.44***
Random effect	0.12		3.15*	0.38	112.65***	N.a.
First difference	0.19				0.12	N.a.

Significance levels: *** = 1%, ** = 5%, * = 10%. N.a. = not applicable.