

CHILE

Categories	Effects	Parameter	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
Density	Fixed effects (coefficients)	Intercept	-47.235*** (0.350)	-42.551*** (0.384)	-47.715*** (1.773)	-47.234*** (0.319)	-47.590*** (1.328)	-47.787*** (1.371)	-47.794*** (1.395)
		Time	0.299*** (0.005)	0.299*** (0.005)	0.299*** (0.005)	0.291*** (0.028)	0.296*** (0.010)	0.308*** (0.023)	0.308*** (0.022)
		Time**2						-1.105e-4 (1.923e-4)	-1.105e-4 (1.943e-4)
		Origin		-2.545 (0.115)					
	Random effects (variance)	Intercept (O)			3.902		2.883	2.883	2.938
		Time (O)				0.061	0.020	0.020	0.017
		Time**2 (O)							3.18e-5
		AIC	19002.479	18555.411	18474.086	18543.282	18463.737	18465.407	18471.383
RDI	Fixed effects (coefficients)	Intercept	-36.432*** (0.810)	-42.837*** (0.775)	-34.512*** (4.279)	-36.432*** (0.733)	-34.079*** (5.215)	-34.071 (NA)	-34.059
		Time	0.380*** (0.013)	0.380*** (0.012)	0.380*** (0.011)	0.406*** (0.058)	0.372*** (0.022)	0.372 (NA)	0.372
		Time**2						4.03e-6 (NA)	4.33e-6
		Origin		8.235*** (0.445)					
	Random effects (variance)	Intercept (O)			7.314		8.949	8.948	8.943
		Time (O)				0.097	0.032	0.032	0.032
		Time**2 (O)							6.39e-9
		AIC	7467.363	7176.815	7167.298	7294.120	7164.824	7166.823	NA

* p<0.1, ** p<0.05, *** p<0.01