Parameter Model 1 Model 2

Intercept (O)

Time (O)

AIC

Intercept

Time

Origin

Intercept (O)

Time (O)

AIC

Effects

Random effects (variance)

Fixed effects

(coefficients)

Random effects (variance)

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

OD categories

RDI

Density		Intercept	(0.3)	(0.3)	(1.7)	(0.3)	(2.0)
	Fixed effects	Time	0.2982*** (0.005)	0.298*** (0.004)	0.298*** (0.004)	0.30*** (0.02)	0.30*** (0.01)
		Origin		-1.51*** (0.10)			

18276.0

-8.5***

(1.2)

0.37***

(0.02)

8682.5

18060.6

-14.9***

(1.2)

0.37***

(0.02)

8.3***

(0.7)

8554.1

ARGENTINA

Model 3

-26 0***

13.5

(3.7)

17621.4

-6.7*

(4.0)

0.37***

(0.02)

44.0

(6.6)

8568.3

Model 4

-25 7***

0.002

(0.048)

17840.0

-8.5***

(1.1)

0.39***

(0.05)

0.005

(0.073)

8629.6

Model 5

-26 1***

19.0

(4.4)

0.0006

(0.0249)

17598.9

-5.82

(5.85)

0.36***

(0.04)

98.7

10.0

0.003

(0.060)

8561.6