Parameter Intercept

Time

Time**2

Category

Intercept (Cat)

Time (Cat)

Time**2 (Cat)

AIC

Effects

Fixed effects (coefficients)

Random effects

(variance)

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

Categories

Density

-38.347***

Model 1

(0.720)

0.128***

(0.011)

3961.781

COLOMBIA

Model 3

-38.347***

(3.652)

0.128***

(0.003)

8.151

2657.553

Model 4

-38.347***

(0.511)

0.128***

(0.043)

0.094

3606.974

Model 5

-38.348***

(5.311)

0.128***

(0.033)

11.874

0.075

1467.047

Model 6

-39.321***

(5.311)

0.181***

(0.034)

-4.872e-4***

(3.27e-5)

11.875

0.0748

1283.263

Model 7

-39.321***

(5.405)

0.181***

(0.039)

-4.872e-4***

(6.68e-5)

12.086

0.086

1.309e-4

1276.988

Model 2

-28.949***

(0.555)

0.128***

(0.007)

-4.699***

(0.161)

3447.537