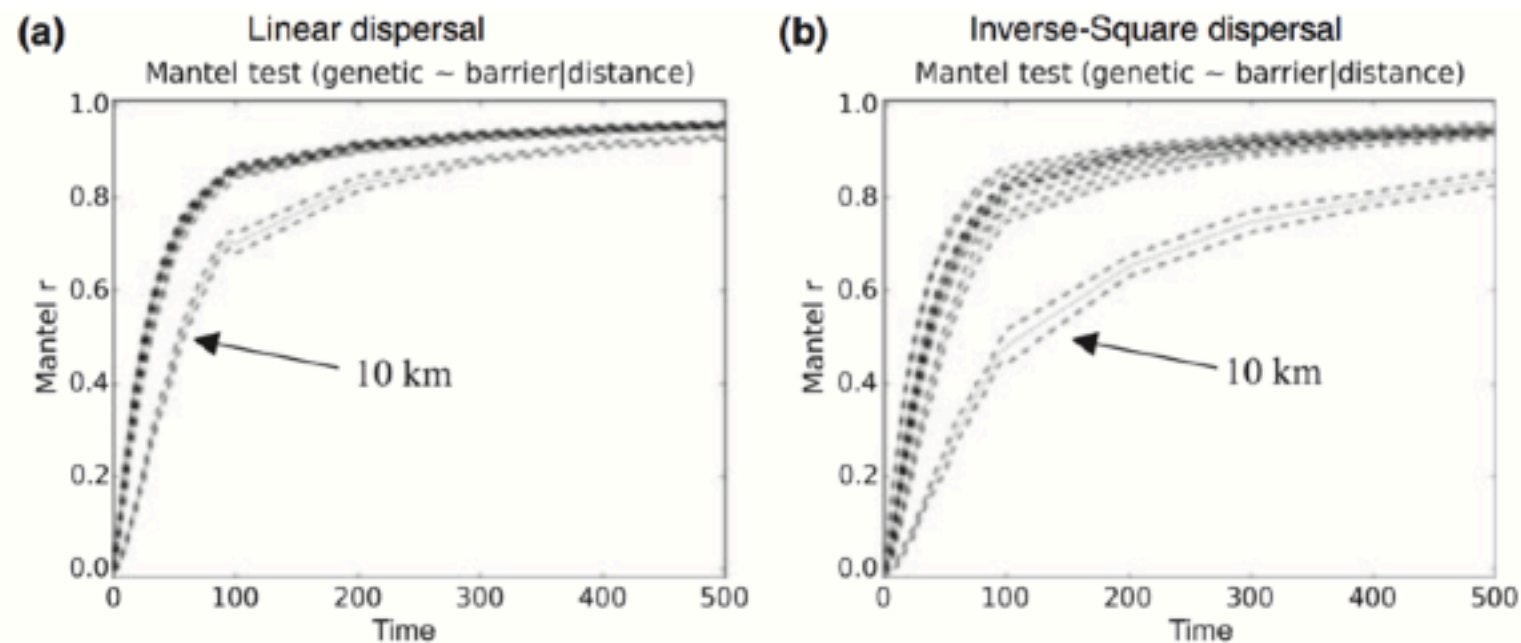# Population Time Lags

Fig. 2 Time (in generations) for barrier signal establishment based on significance of Mantel's r where we examined the correlation of genetic distance to barrier-cost distance over time factoring out Euclidean distance for the partial tests. Mantel's r values for the barrier appearance scenarios for (a) linear dispersal and (b) inverse-square dispersal over the seven maximal dispersal distances (10, 20, 30, 40, 50 and 60 km, panmictic). Dashed lines are confidence intervals for the averaged 10 replicates (dotted lines). The notably different scenario (movement threshold 10 km) is indicated in both graphs.

Landguth *et al.* (2010) *Mol. Ecol.* 19:4179-4191.

Landscape Features

$$G = f(E)$$