

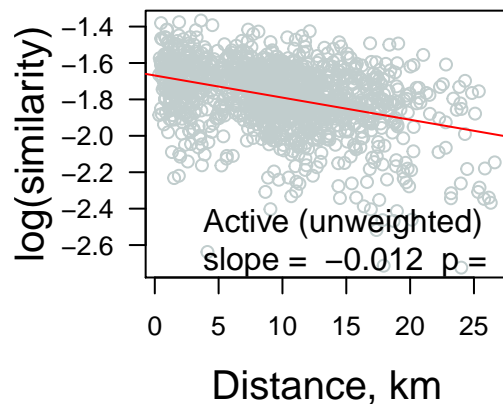
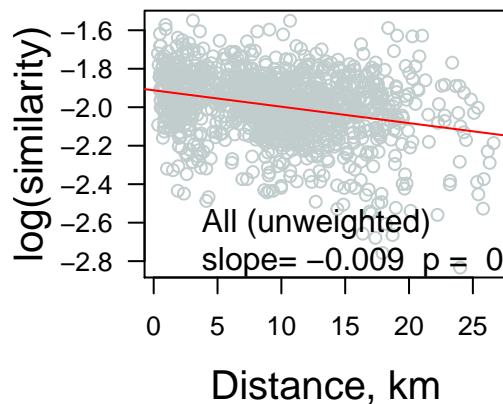
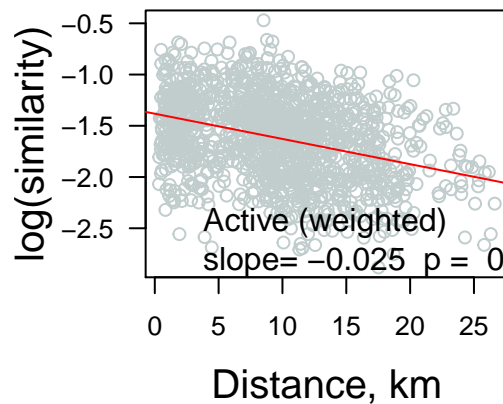
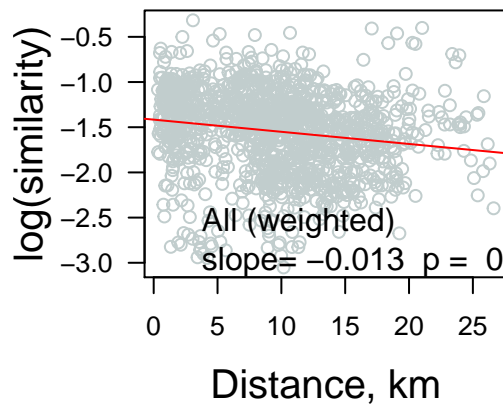
# Supplemental Figures: Compositional similarity vs. Geographic distance

November 7, 2015

## Jaccard

**Weighted: Difference in slope =  $-0.011$  ;  $p = 0.001$**

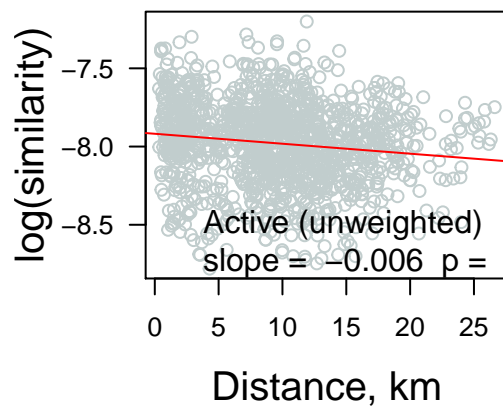
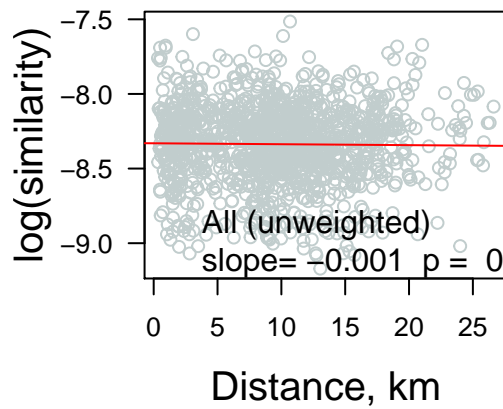
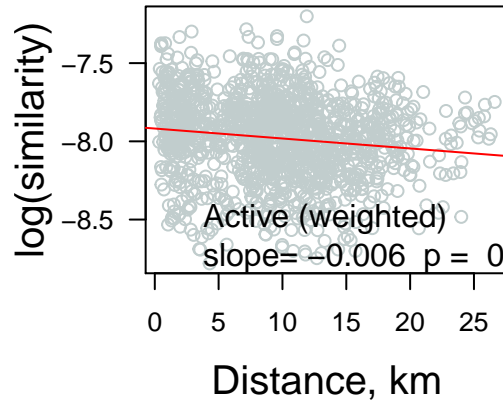
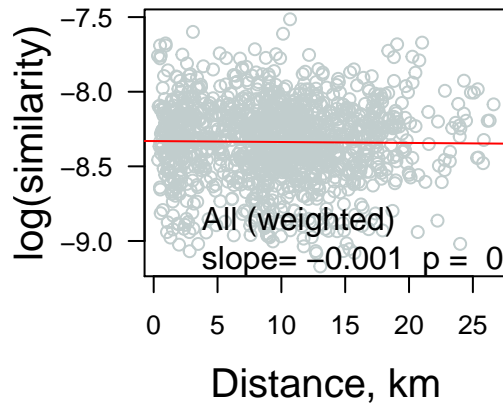
**Unweighted: Difference in slope =  $-0.004$  ;  $p = 0.006$**



## Mountford

**Weighted: Difference in slope =  $-0.006$  ;  $p = 0.001$**

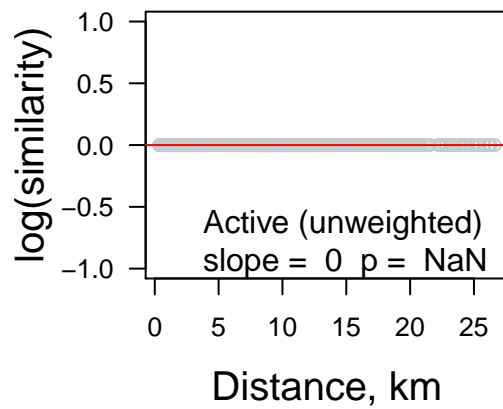
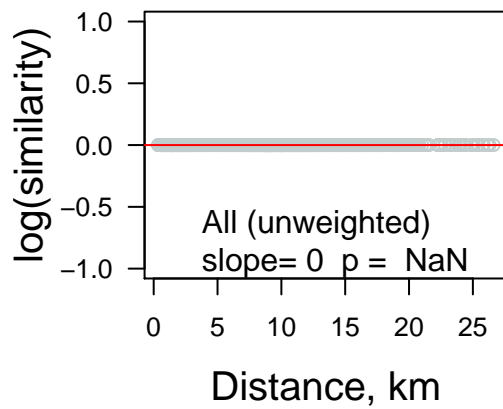
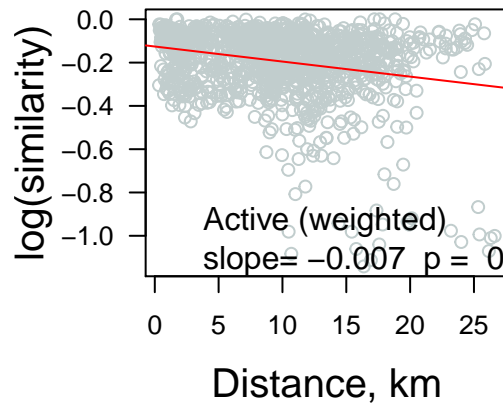
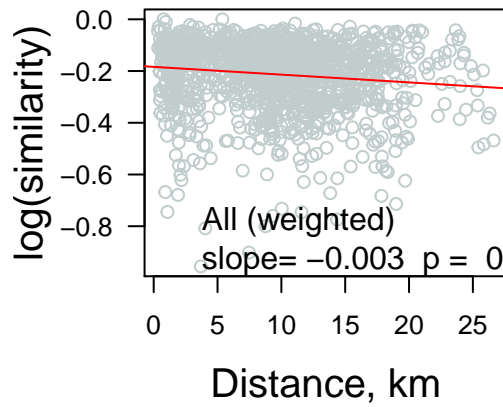
**Unweighted: Difference in slope =  $-0.006$  ;  $p = 0.001$**



## Chao

**Weighted: Difference in slope =  $-0.004$  ;  $p = 0.001$**

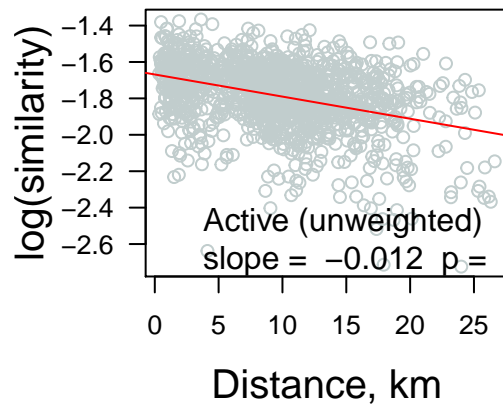
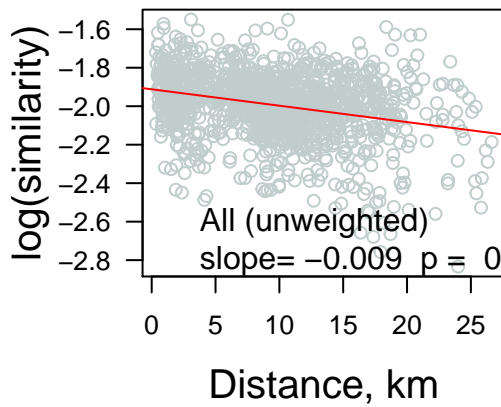
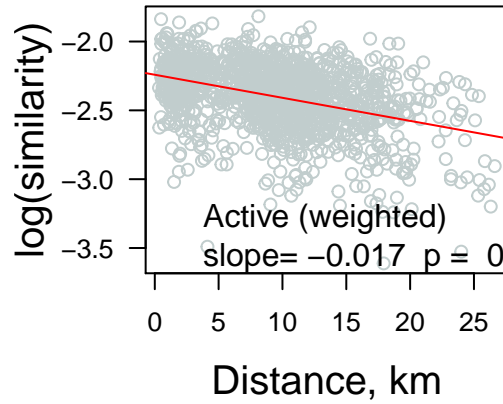
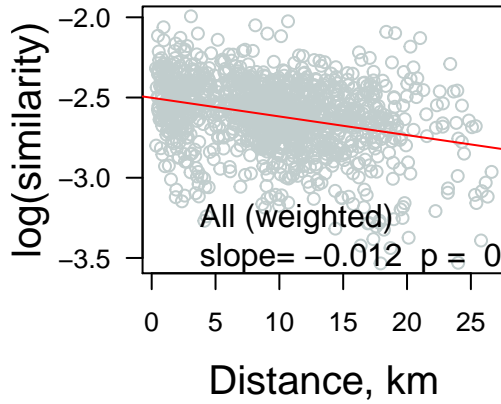
**Unweighted: Difference in slope =  $0$  ;  $p = 1$**



## Canberra

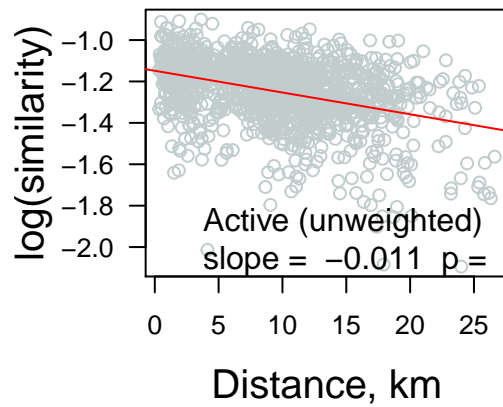
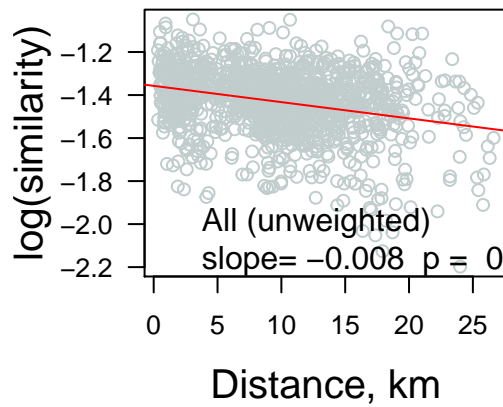
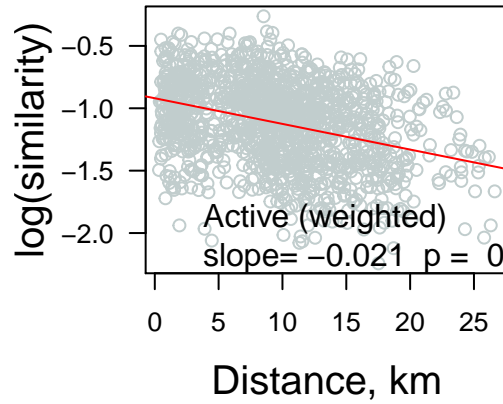
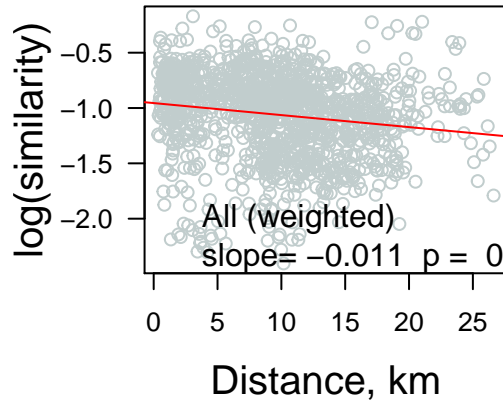
**Weighted: Difference in slope =  $-0.005$  ;  $p = 0.004$**

**Unweighted: Difference in slope =  $-0.004$  ;  $p = 0.012$**



## Bray

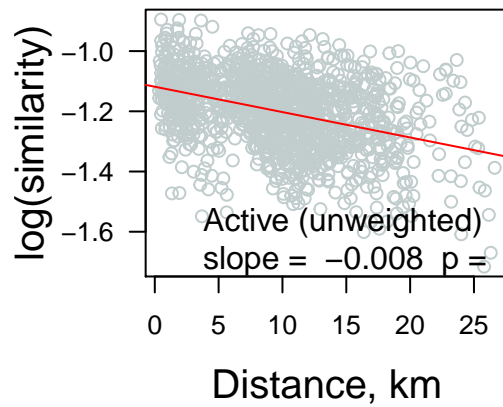
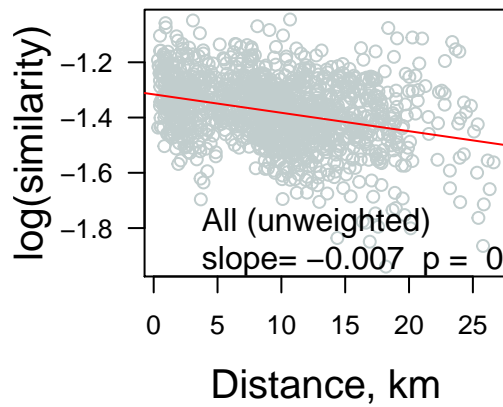
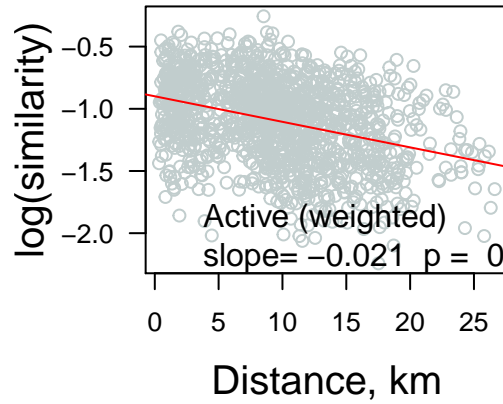
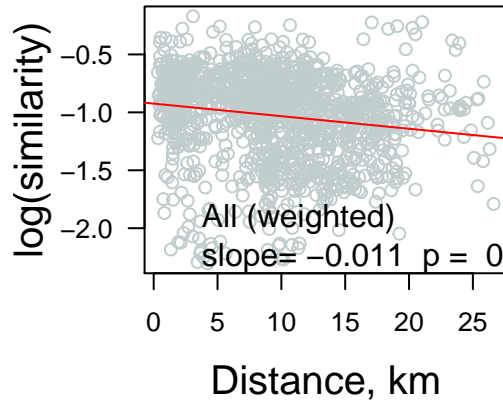
**Weighted: Difference in slope =  $-0.01$  ;  $p = 0.001$**   
**Unweighted: Difference in slope =  $-0.003$  ;  $p = 0.01$**



## Kulczynski

**Weighted: Difference in slope =  $-0.01$  ;  $p = 0.001$**

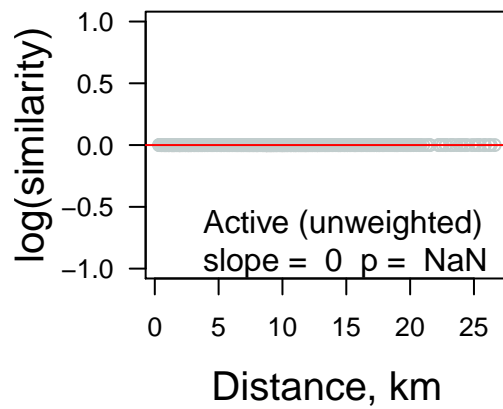
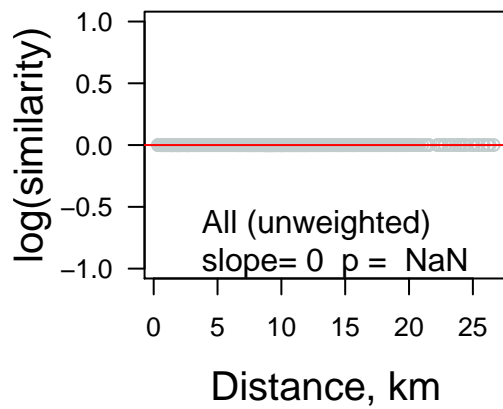
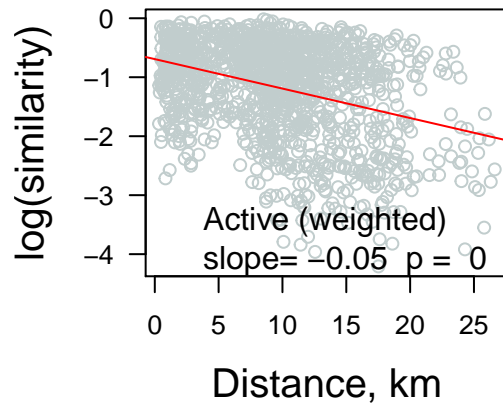
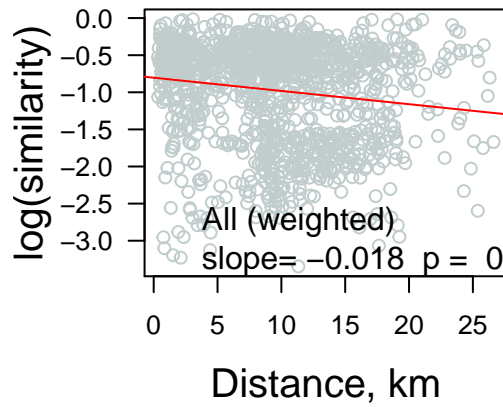
**Unweighted: Difference in slope =  $-0.002$  ;  $p = 0.021$**



## Morisita

**Weighted: Difference in slope =  $-0.032$  ;  $p = 0.001$**

**Unweighted: Difference in slope =  $0$  ;  $p = 1$**



## Horn

**Weighted: Difference in slope =  $-0.032$  ;  $p = 0.001$**

**Unweighted: Difference in slope =  $-0.003$  ;  $p = 0.011$**

