



S1 Fig. Background similarity test. Lines represent the frequency of the values of the D index from 100 null models generated from random points (unit A vs. unit B, gray line; and unit B vs. Unit A, black line). Arrows indicate the observed D value in the overlap test (truly observed value between units A and B). Overlap values falling in or below the lower left 5% of the null distribution are interpreted as indicative of significant niche divergence.