a. predicted emergence risk vs published IRAT scores

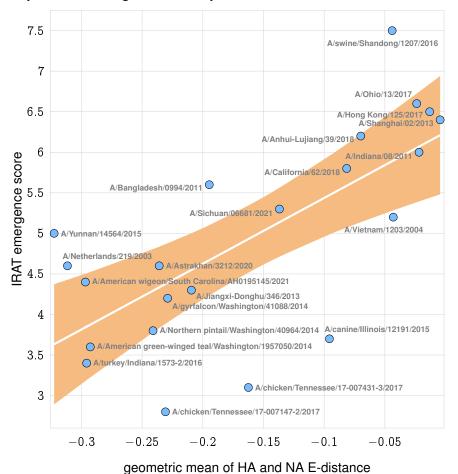
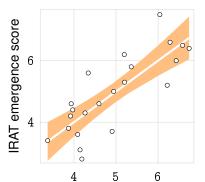


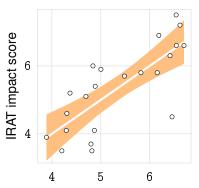
Fig. 1. gm corr

b. estimating emergence scores



Emergenet emergence estimate

C. estimating impact scores



Emergenet impact estimate