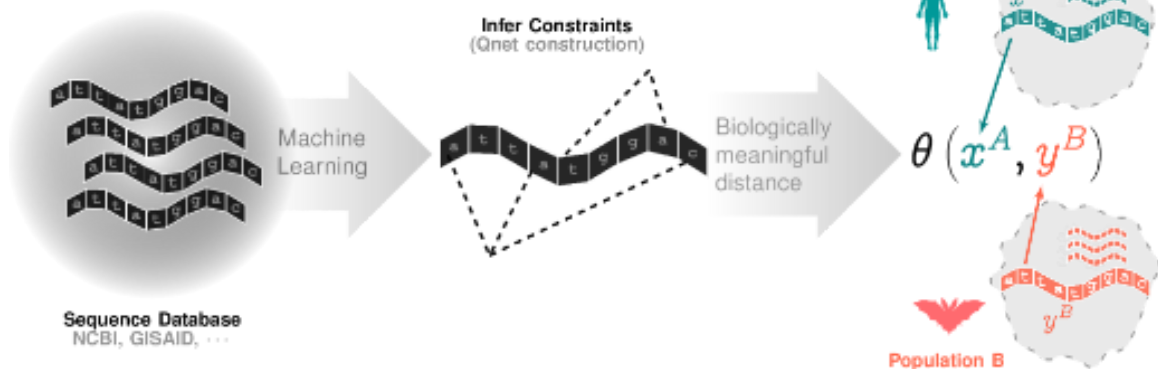
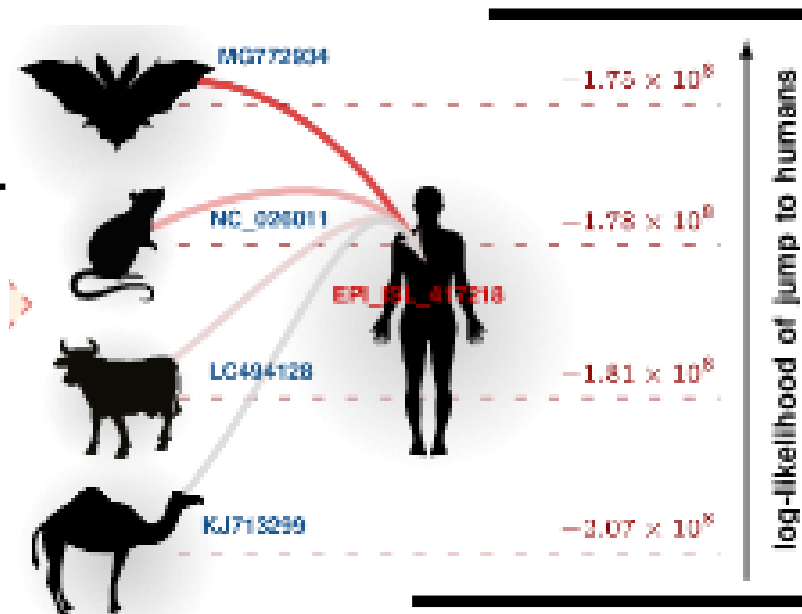


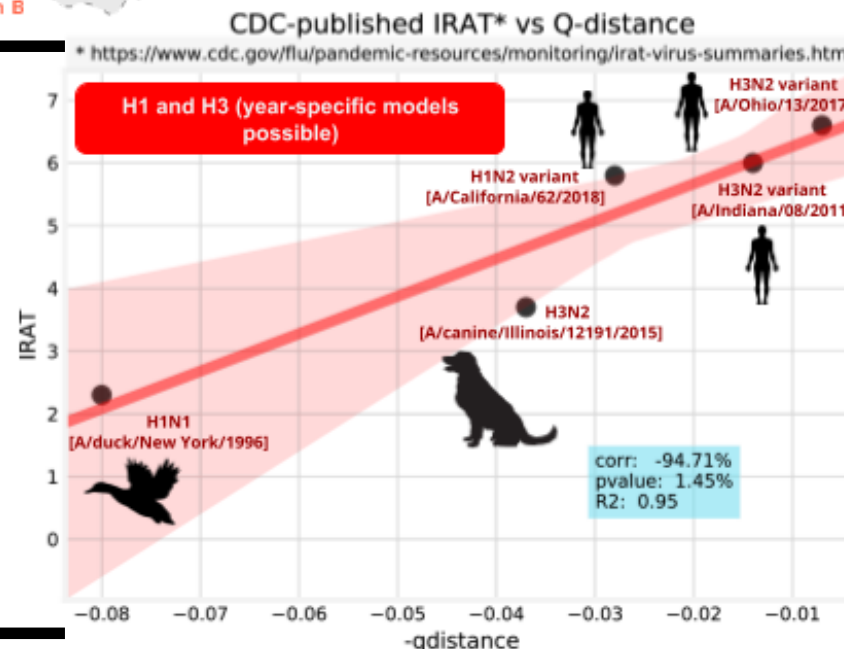
a. Defining a new biologically meaningful comparison of sequences



conceptual scheme

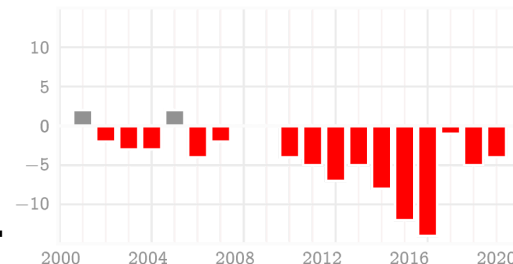


Pathogenicity prediction

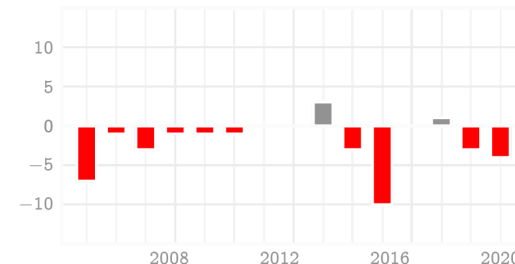


Seasonal flu prediction

a. Influenza A H1N1 HA



c. Influenza A H3N2 HA



Preempting new SARS-CoV2 variant

