



**Figure 5 - figure supplement 4. Linear regression of tree distances determined by Clustering Information Distances (CID).** Mean CID values of replicate trees from H1N1 viruses from 2010-2018 were plotted against those from H3N2 viruses from 1995-2004 (**A**), H3N2 viruses from 2005-2014 (**B**), or H1N1 viruses from 2000-2008 (**C**). The line of best fit was determined by linear regression (solid line). The  $R^2$  and  $P$ -value are indicated. Error bars indicate the SEM of all replicates.