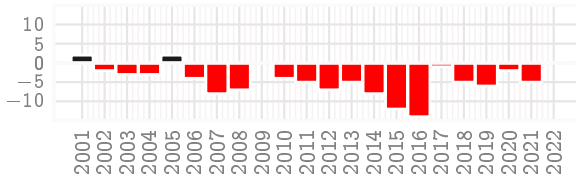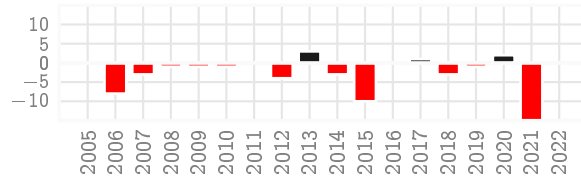**WHO better** **Qnet better**
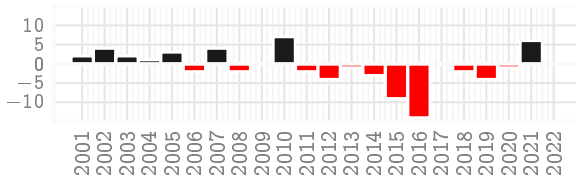
Southern Hemisphere (Prediction in December)
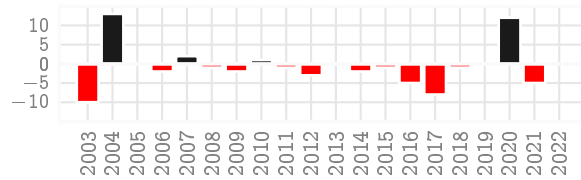
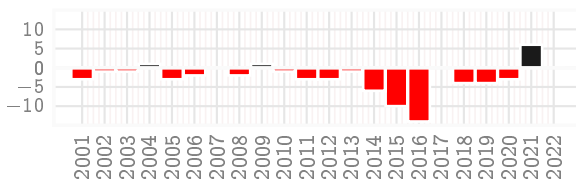a. Influenza A H1N1 HA
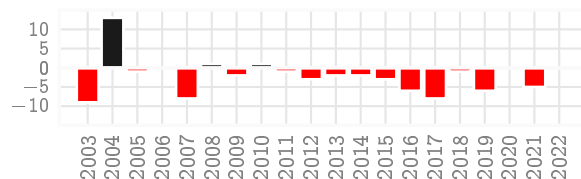
c. Influenza A H3N2 HA

b. Influenza A H1N1 NA

d. Influenza A H3N2 NA

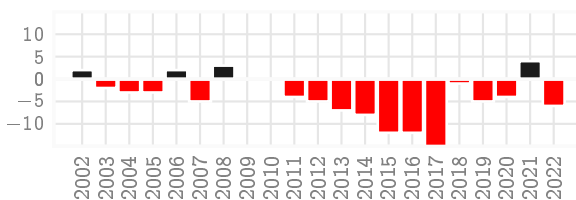e. Influenza A H1N1 NA (multi-cluster)
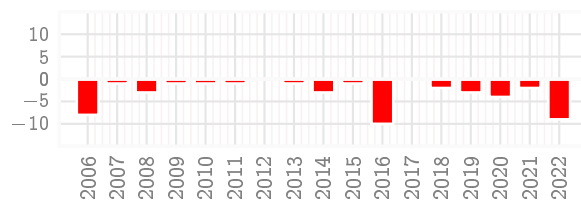
f. Influenza A H3N2 NA (multi-cluster)

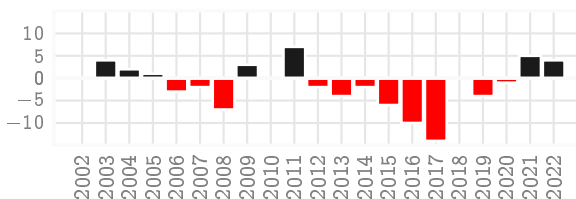**Northern Hemisphere (Prediction in February)**
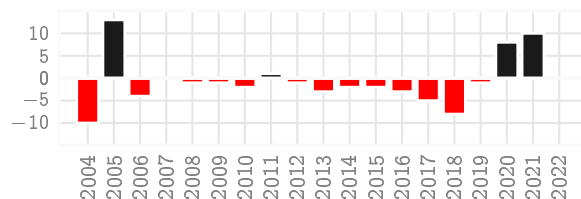
g. Influenza A H1N1 HA
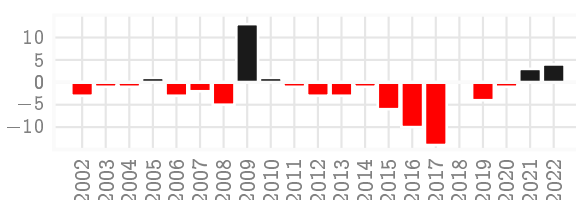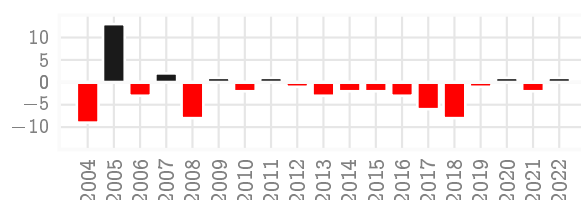
i. Influenza A H3N2 HA

h. Influenza A H1N1 NA

j. Influenza A H3N2 NA

k. Influenza A H1N1 NA (multi-cluster)

l. Influenza A H3N2 NA (multi-cluster)

Improvement in edit distance from dominant strain