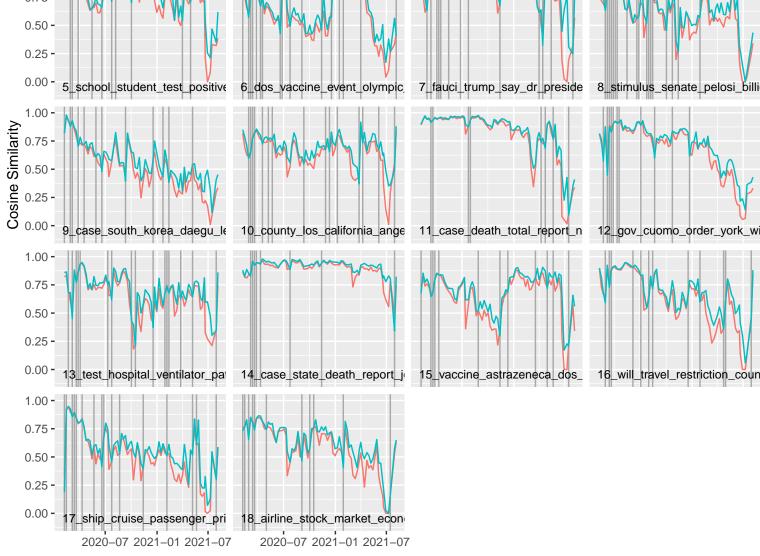
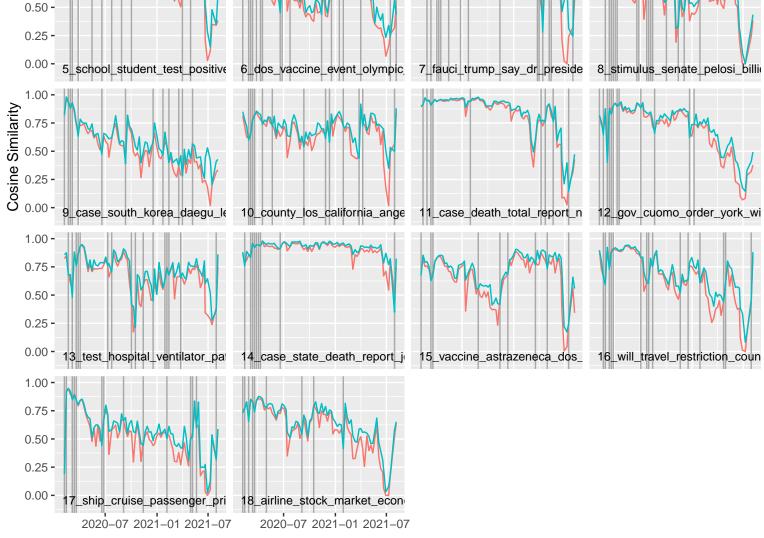
Backward looking reference period of length 1 | mix = 0.8 1.00 -0.75 -0.50 -0.25 -0.00 -2_uk_johnson_minister_prime_ 3_vaccine_trial_fda_drug_auth 4_mask_hong_kong_wear_reli 1.00 -0.75 0.50 -0.25 -0.00 -5_school_student_test_positive 8_stimulus_senate_pelosi_billion 6_dos_vaccine_event_olympic 7_fauci_trump_say_dr_preside 1.00 9_case_south_korea_daegu_le 10_county_los_california_ange 11_case_death_total_report_n 12_gov_cuomo_order_york_wi 1.00 -0.75 0.50 -0.25 -



Backward looking reference period of length 2 | mix = 0.8 1.00 -0.75 -0.50 -0.25 -0.00 -4_mask_hong_kong_wear_ trial_fda_drug_auth 1.00 -0.75 -0.50 -0.25 -0.00 -7_fauci_trump_say_dr_preside 6_dos_vaccine_event_olympic 8_stimulus_senate_pelosi_billion 1.00 10_county_los_california_ange _case_death_total_report_n 12_gov_cuomo_order_york_wi 1.00 -0.75 0.50 -0.25 -0.00 -16_will_travel_restriction_coun 14_case_state_death_report_i 15_vaccine_astrazeneca_dos_



Backward looking reference period of length 3 | mix = 0.8 1.00 -0.75 -0.50 -0.25 -0.00 -4_mask_hong_kong_wear_reli _trial_fda_drug_auth 1.00 -0.75 -0.50 -0.25 -0.00 -6_dos_vaccine_event_olympic 7_fauci_trump_say_dr_preside 8_stimulus_senate_pelosi_billion 1.00 Cosine Similarity 0.20 - 0.20 - 0.00 10_county_los_california_ange 11_case_death_total_report_n 12_gov_cuomo_order_york_wi 1.00 -0.75 -0.50 -0.25 -0.00 -16_will_travel_restriction_coun 14_case_state_death_report_ 15_vaccine_astrazeneca_dos_ 1.00 -0.75 -0.50 -

18_airline_stock_market_econ

2020-07 2021-01 2021-07

0.25 -

0.00 -

7_ship_cruise_passenger_pri

2020-07 2021-01 2021-07

Backward looking reference period of length 4 | mix = 0.8 1.00 -0.75 -0.50 -0.25 -0.00 -3_vaccine_trial_fda_drug_auth 4_mask_hong_kong_wear_reli 1.00 -0.75 -0.50 -0.25 -0.00 -6_dos_vaccine_event_olympic 7_fauci_trump_say_dr_preside 8_stimulus_senate_pelosi_billion 1.00 10_county_los_california_ange _case_death_total_report_n 12_gov_cuomo_order_york_wi 1.00 -0.75 0.50 -0.25 -

