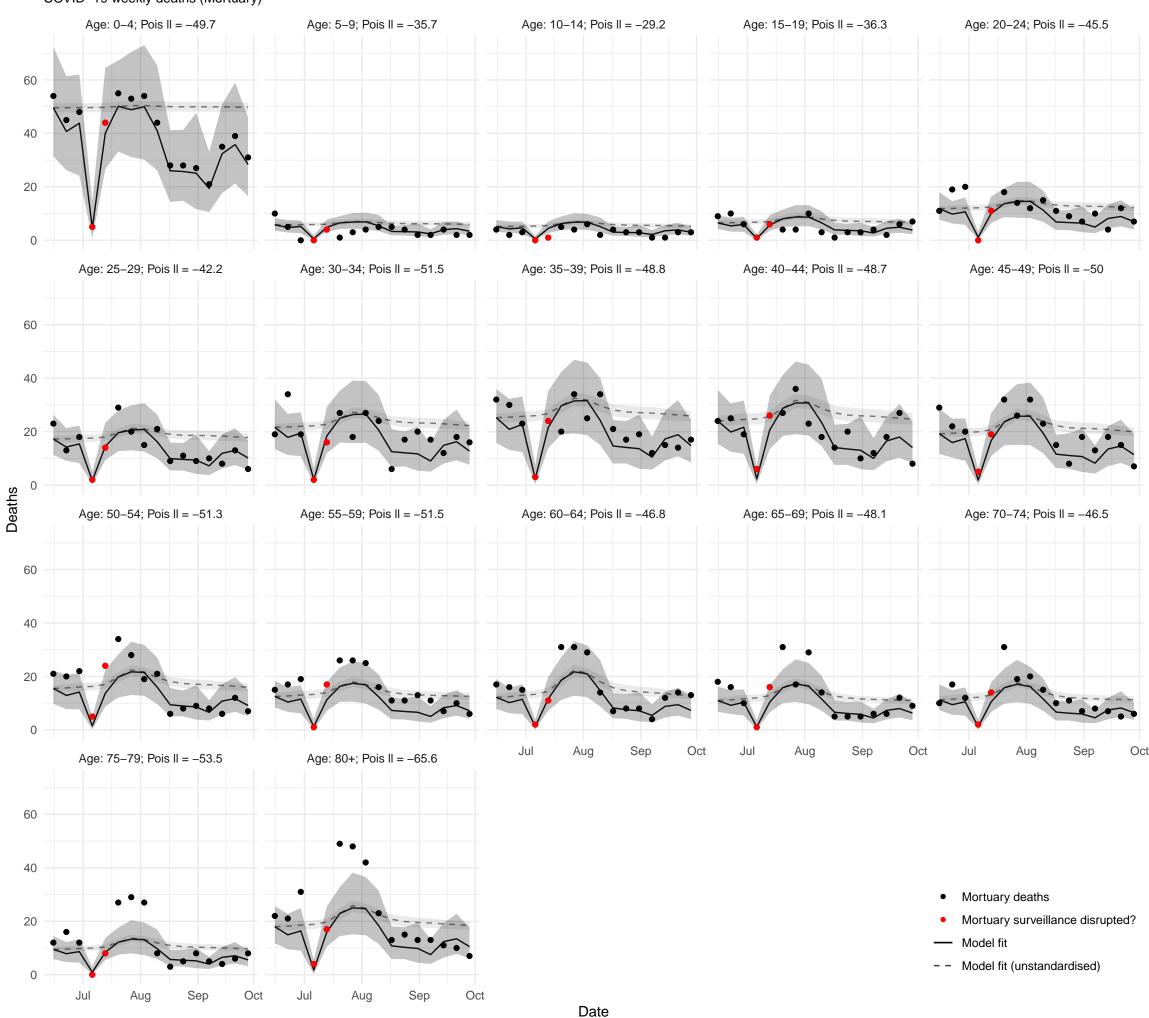
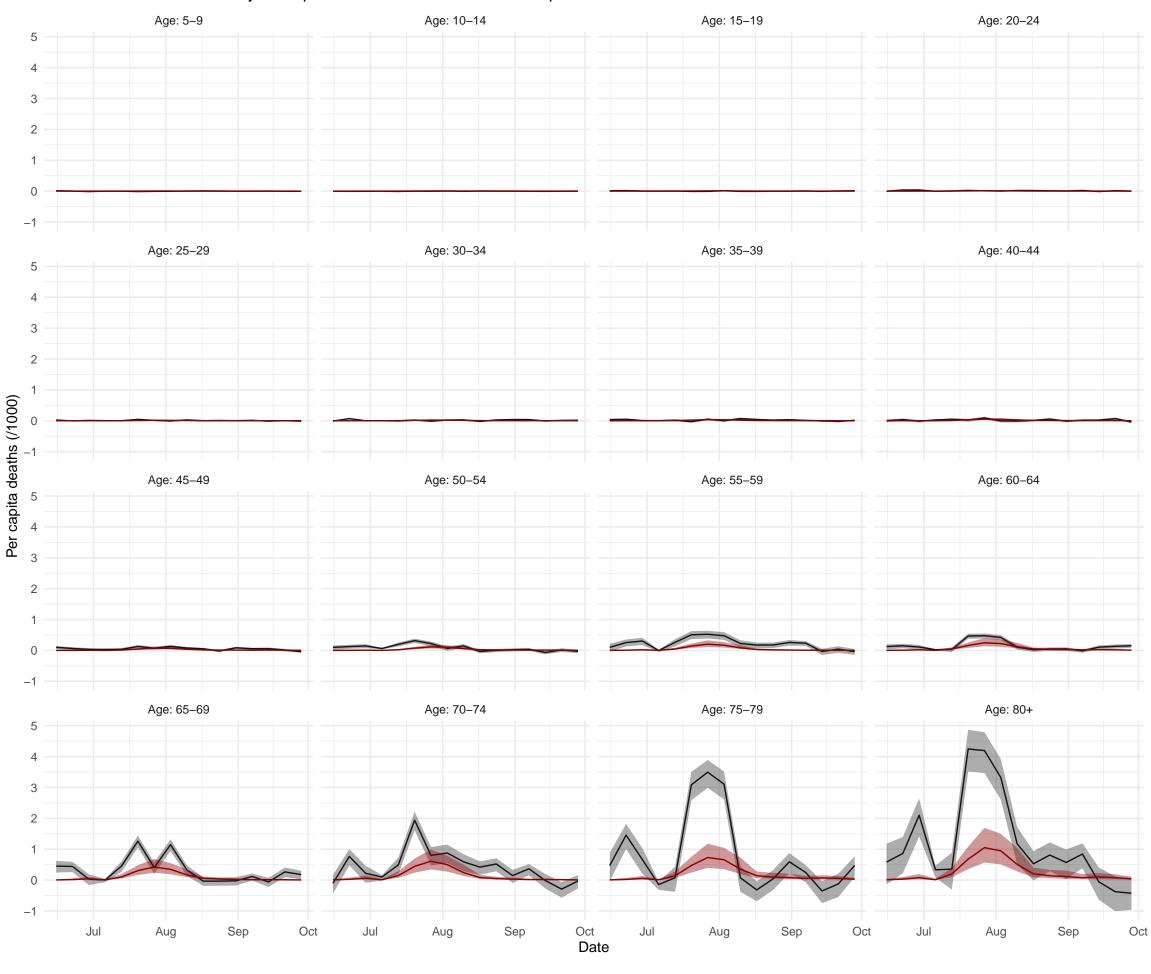
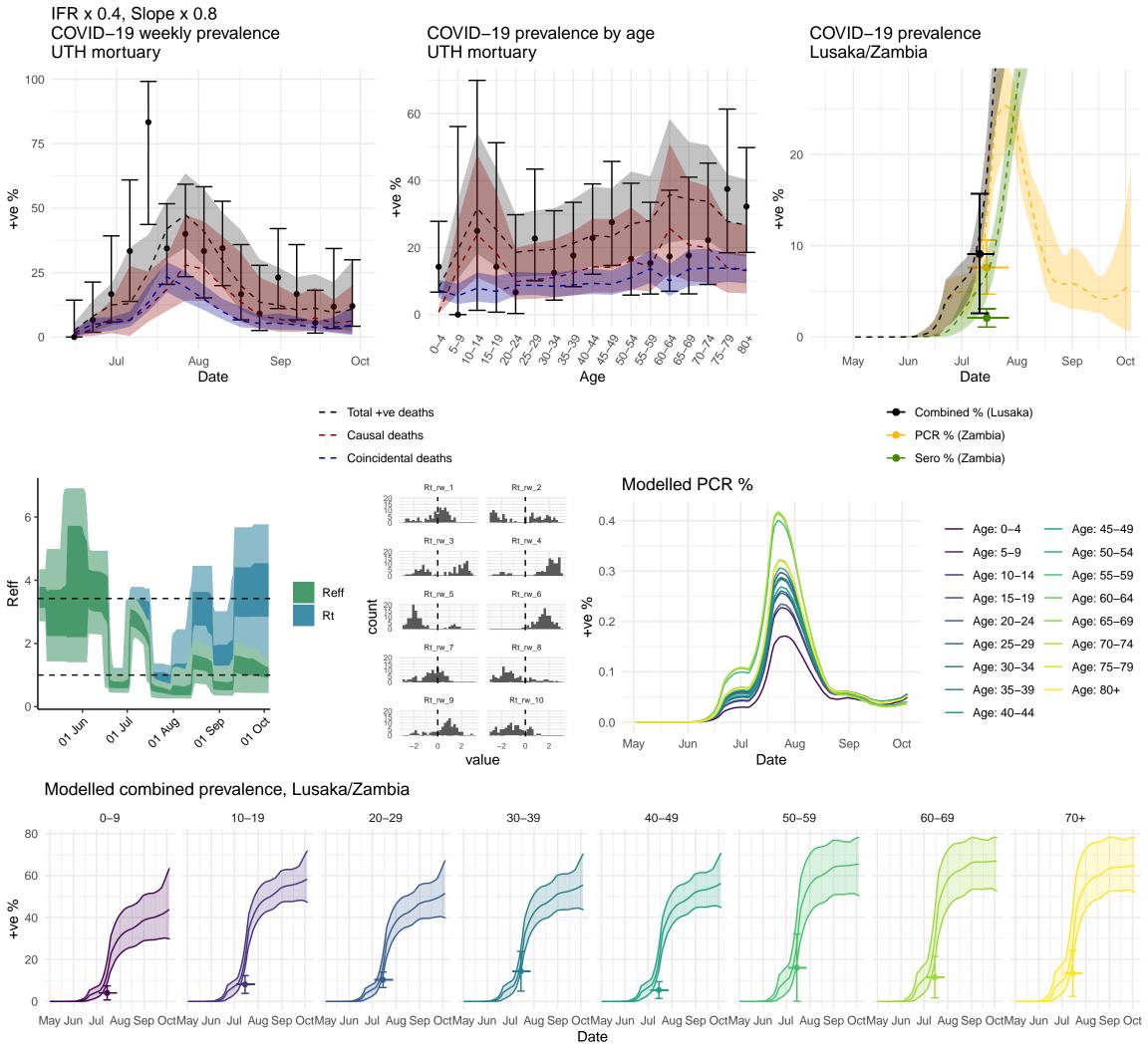


IFR x 0.2, Slope x 0.8 COVID–19 weekly deaths (Mortuary)

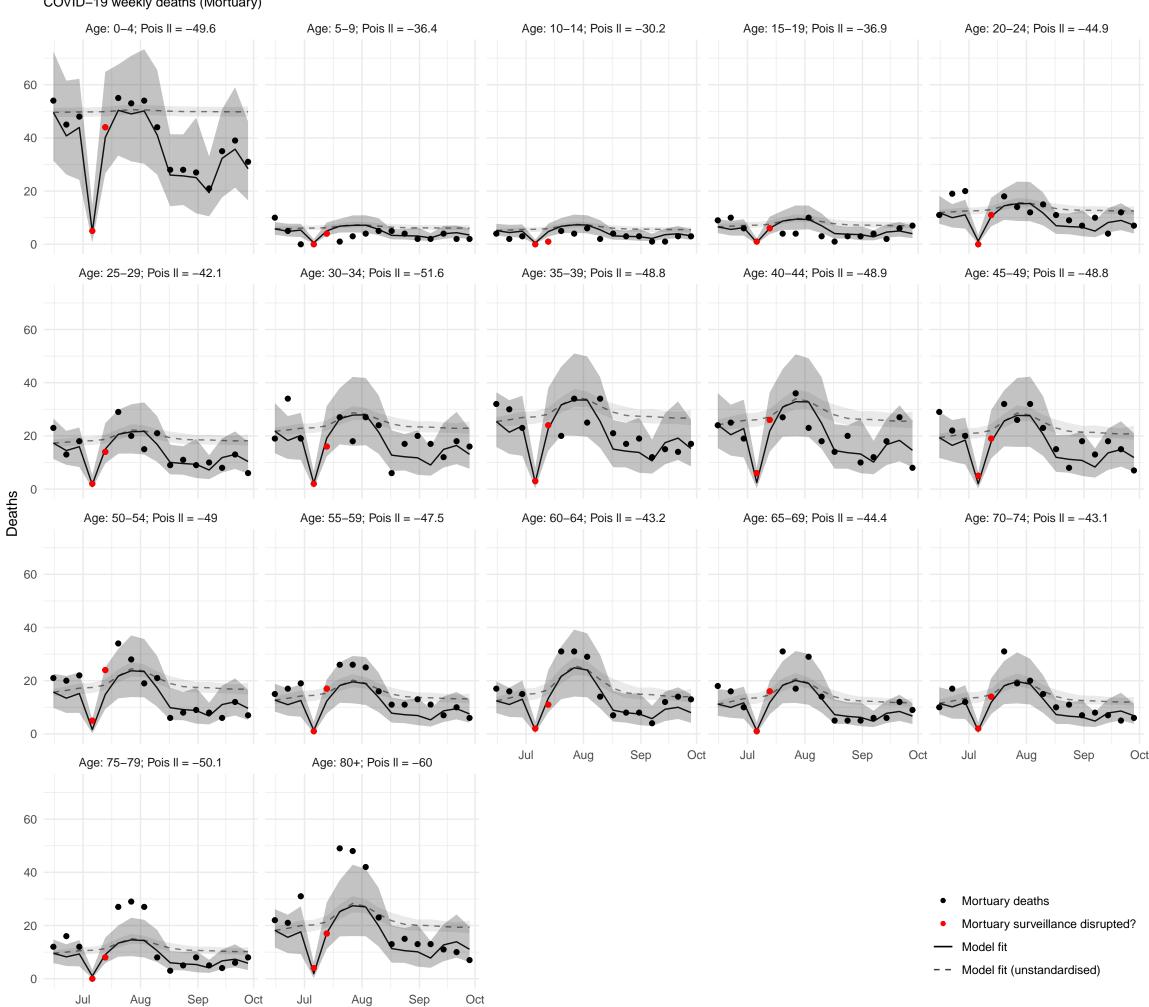


IFR x 0.2, Slope x 0.8 COVID–19 excess mortality: Comparison of MCMC results with squire results

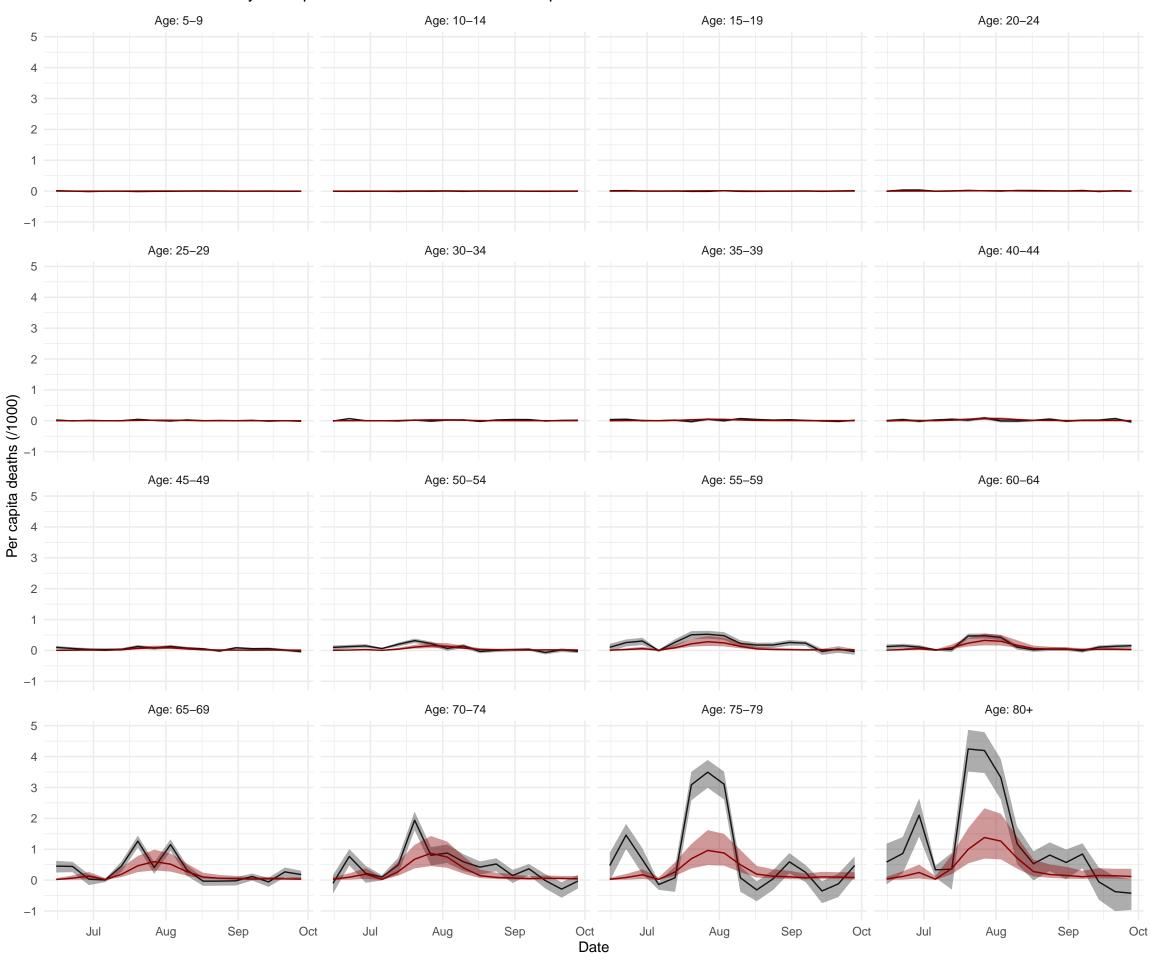


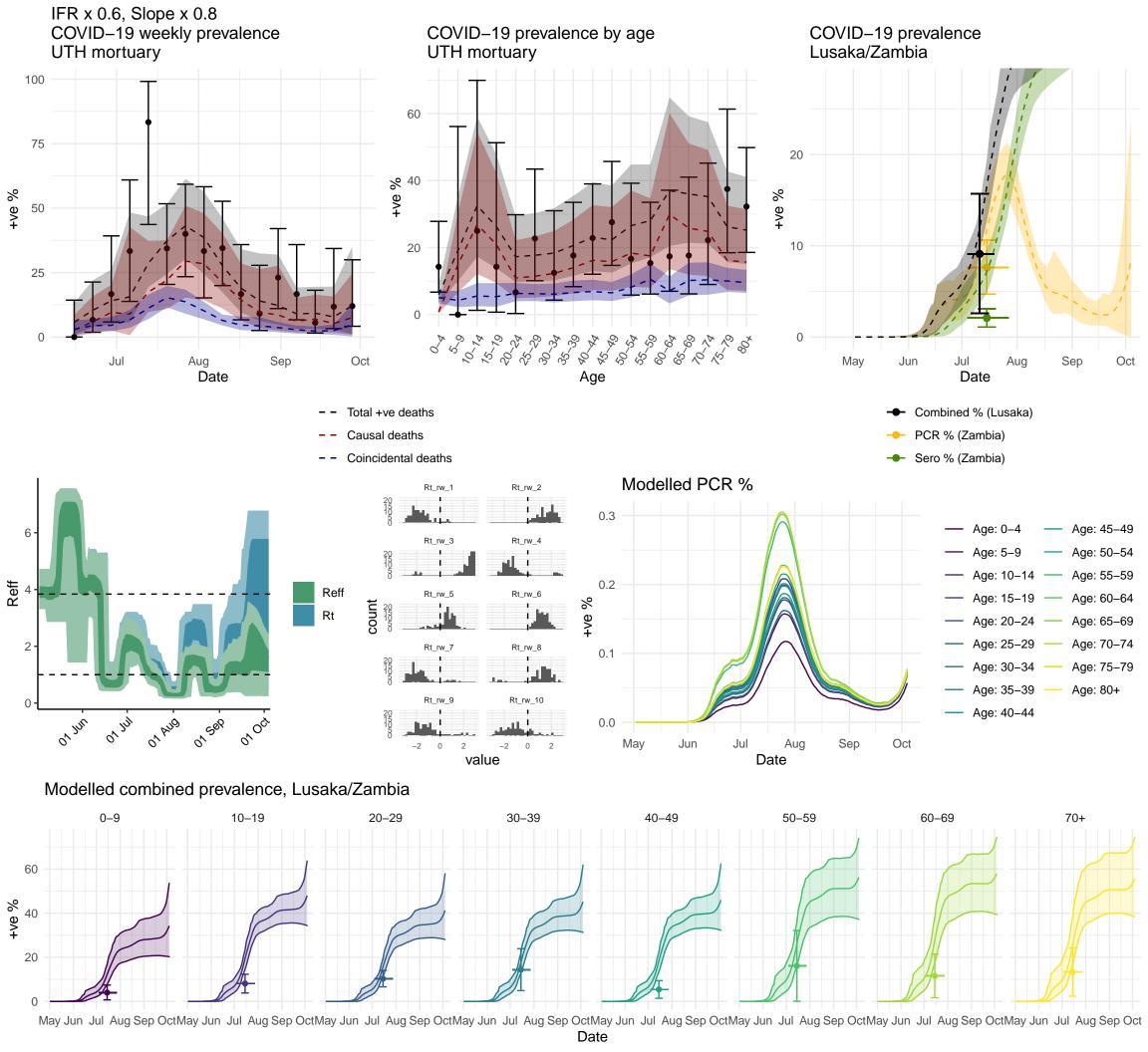


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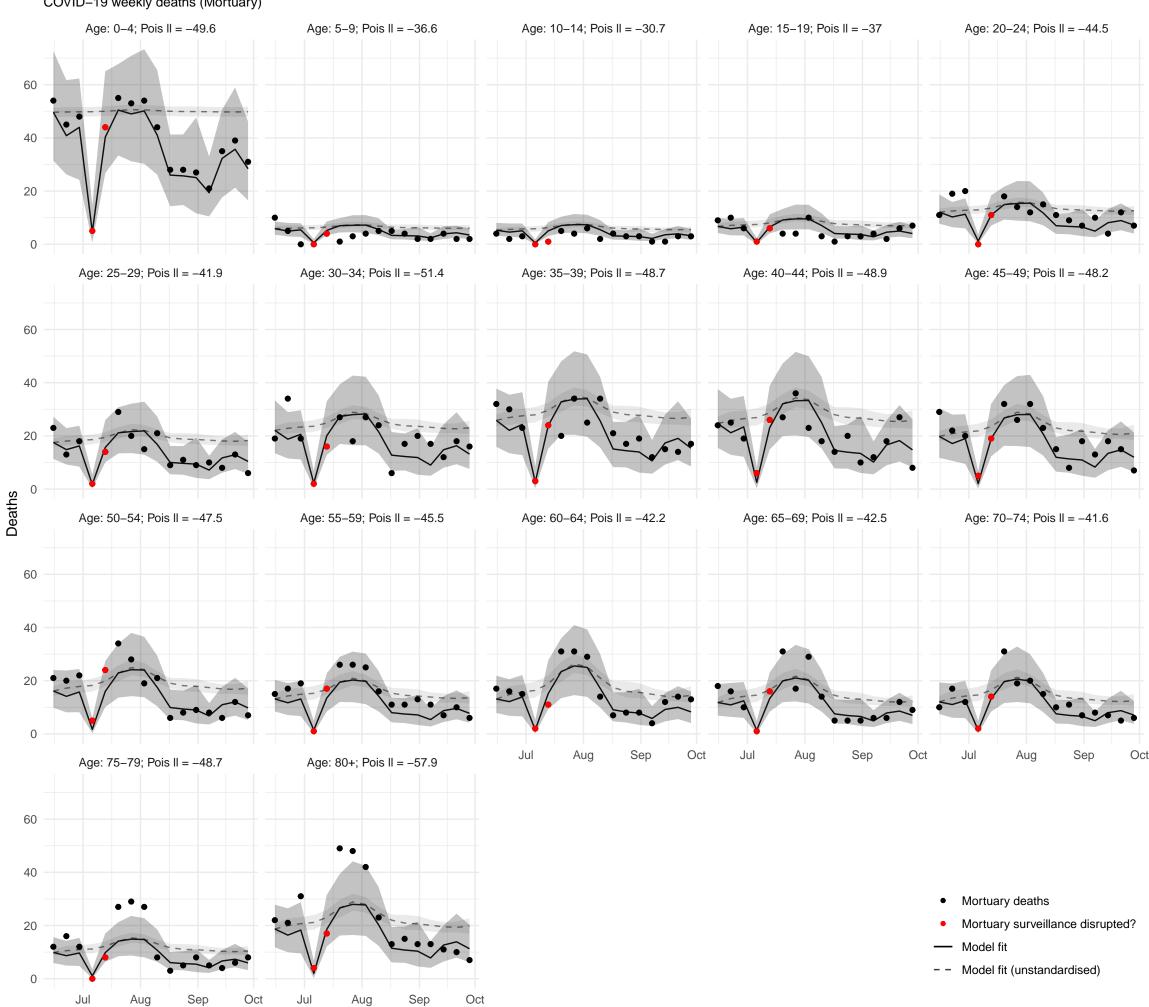


IFR x 0.4, Slope x 0.8 COVID–19 excess mortality: Comparison of MCMC results with squire results

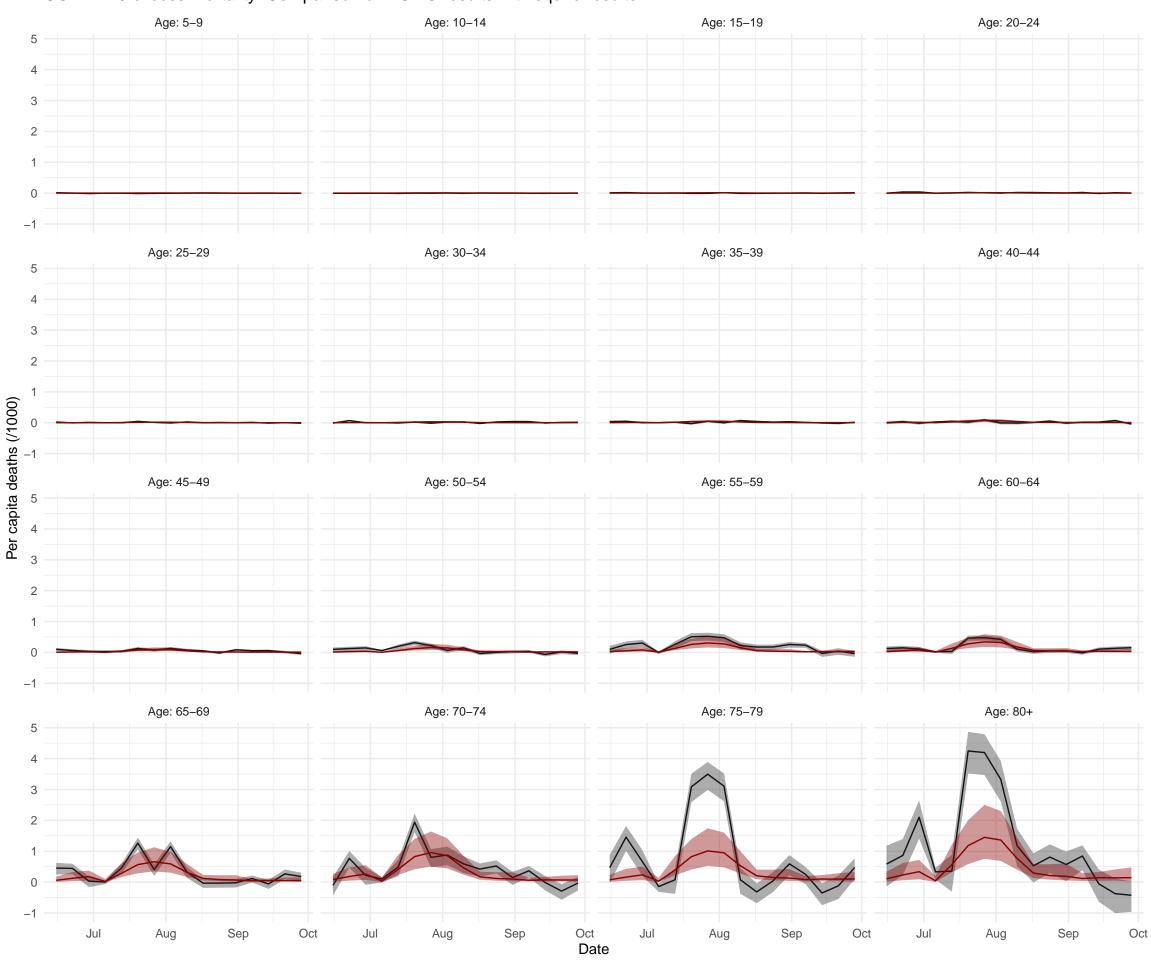


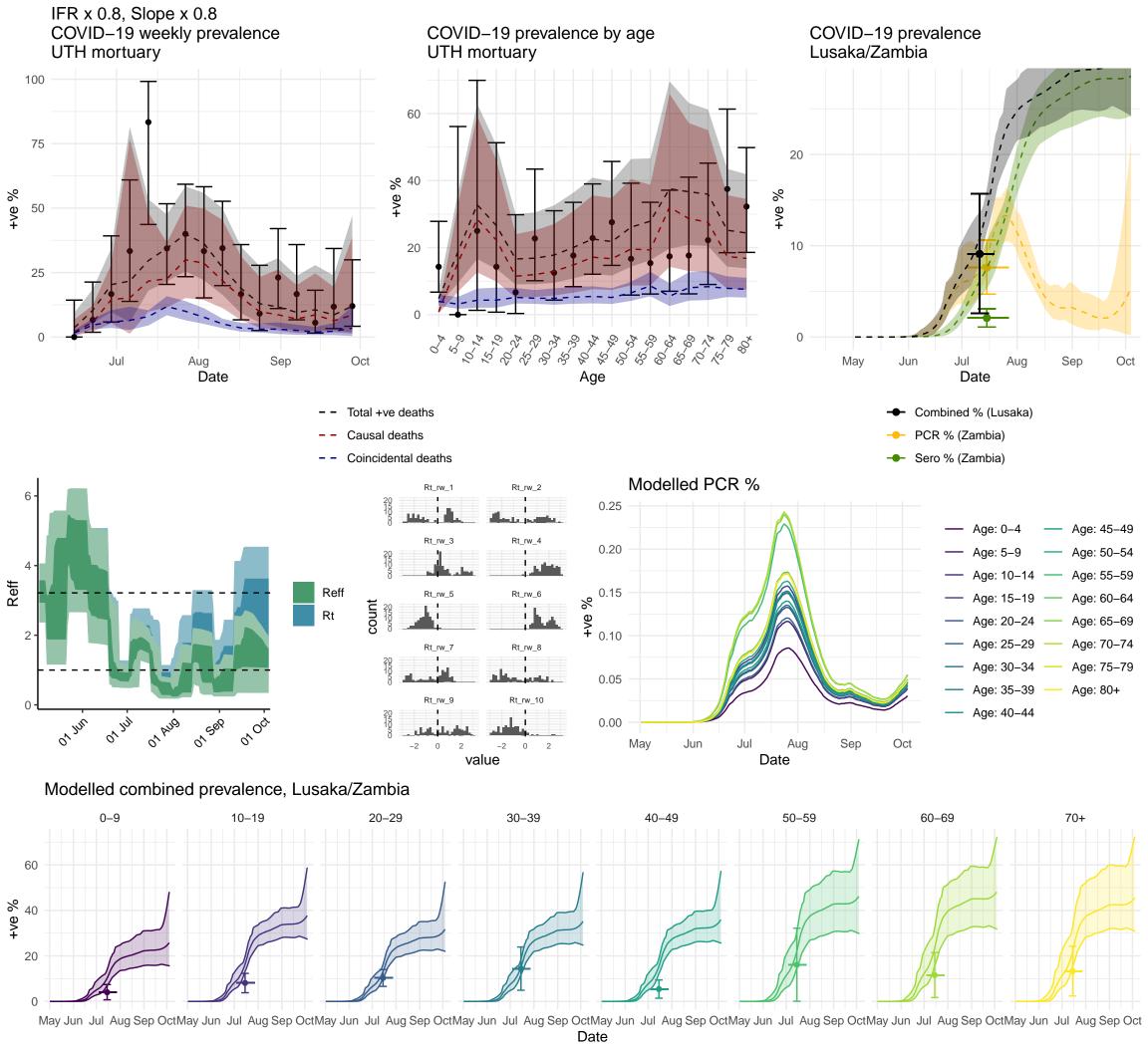


IFR x 0.6, Slope x 0.8 COVID-19 weekly deaths (Mortuary)

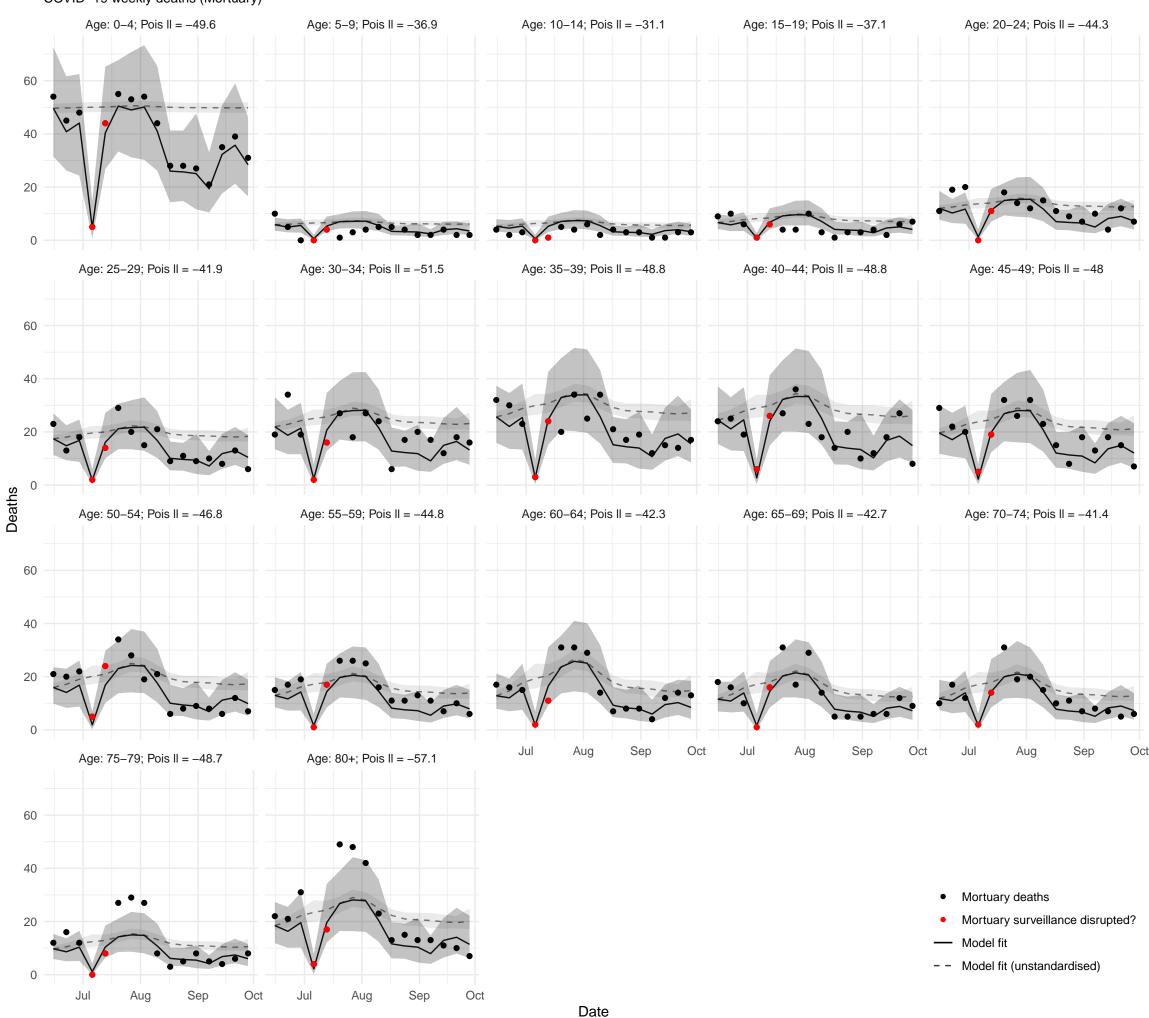


IFR x 0.6, Slope x 0.8 COVID–19 excess mortality: Comparison of MCMC results with squire results

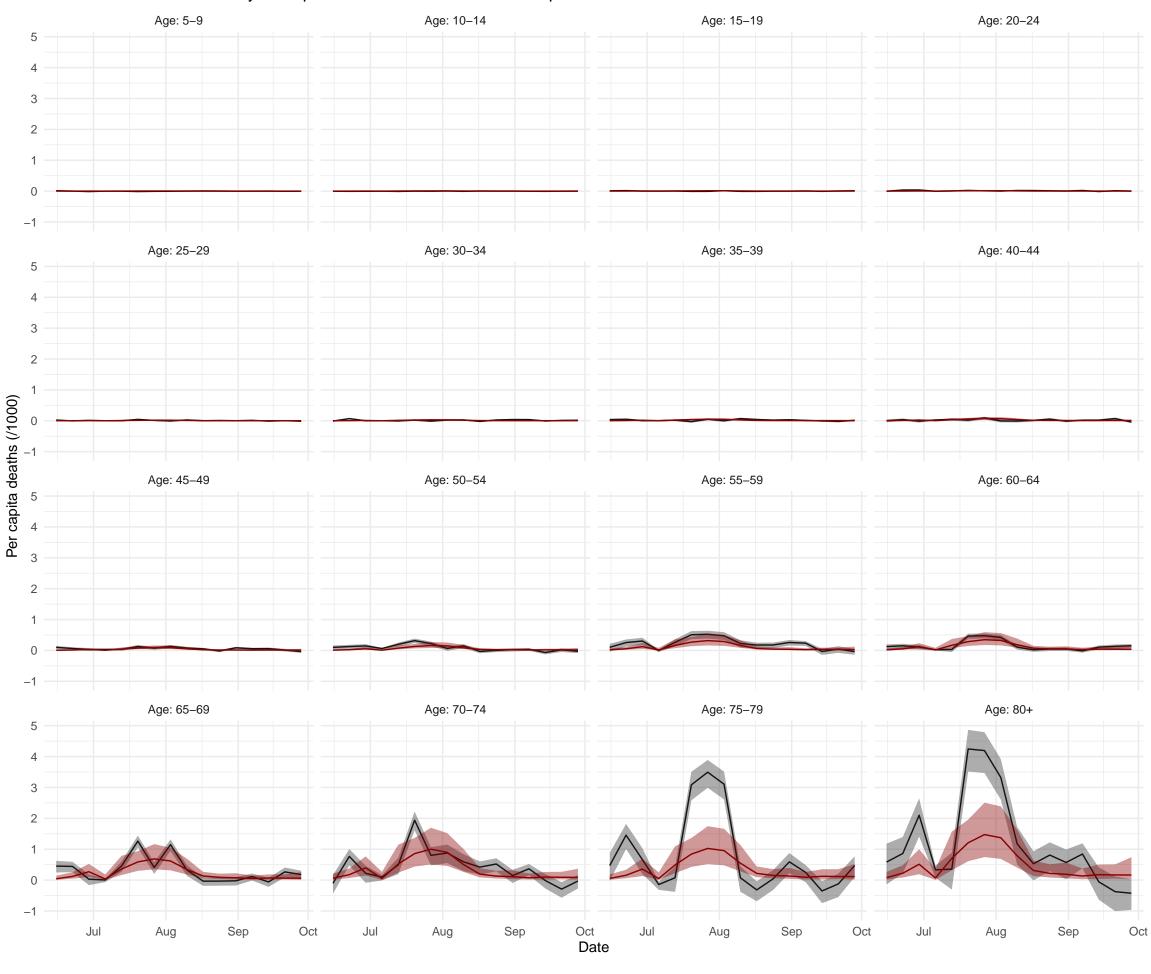


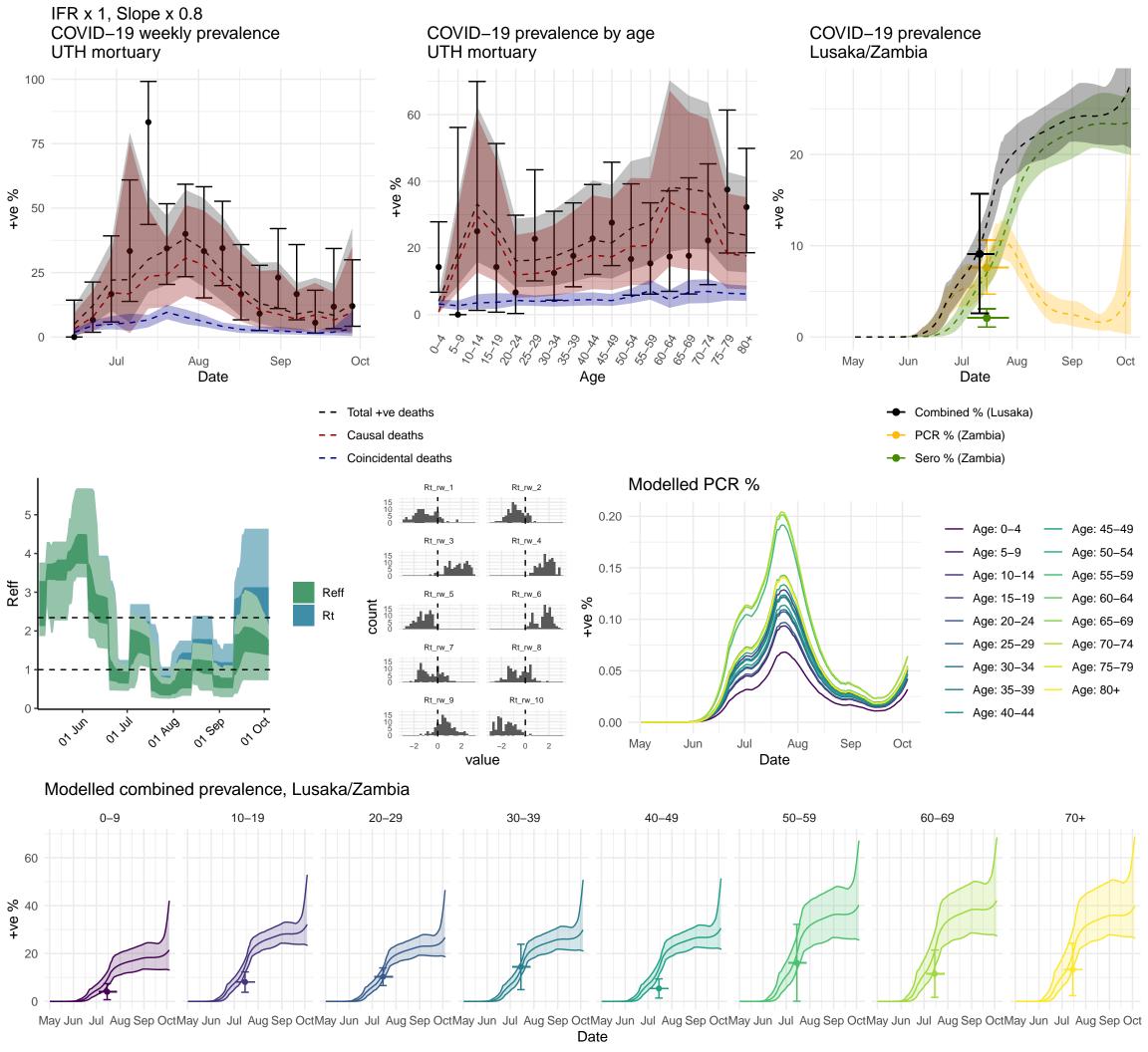


IFR x 0.8, Slope x 0.8 COVID–19 weekly deaths (Mortuary)

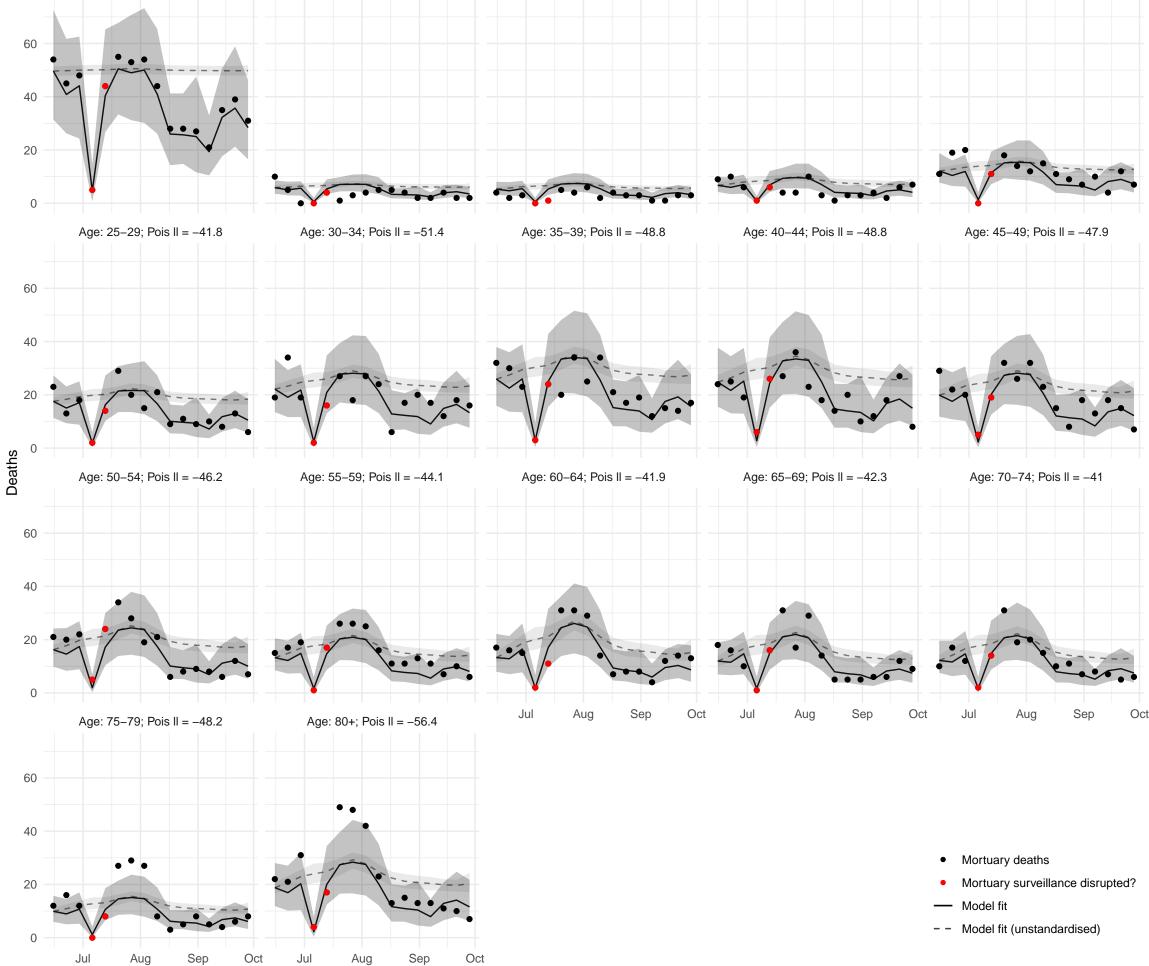


IFR x 0.8, Slope x 0.8 COVID–19 excess mortality: Comparison of MCMC results with squire results

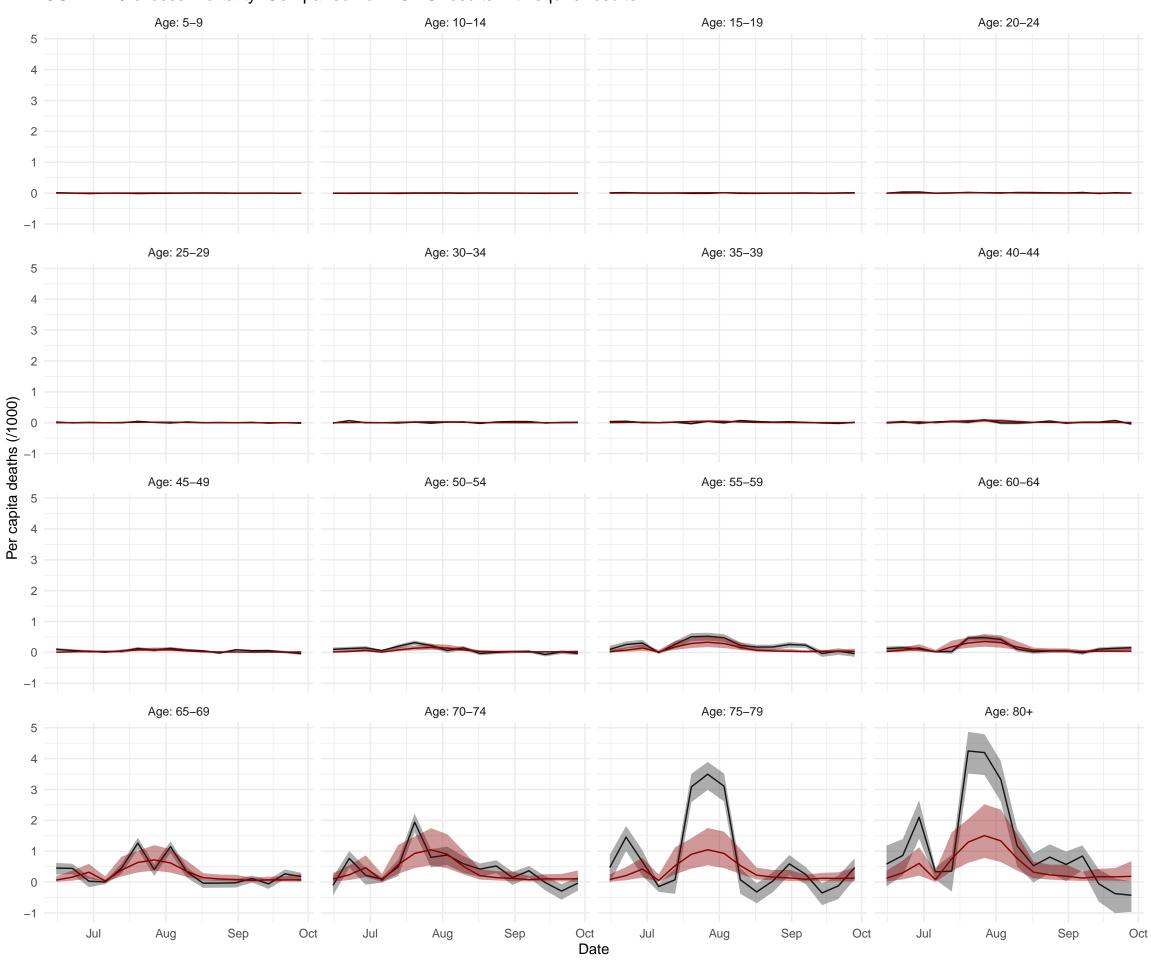


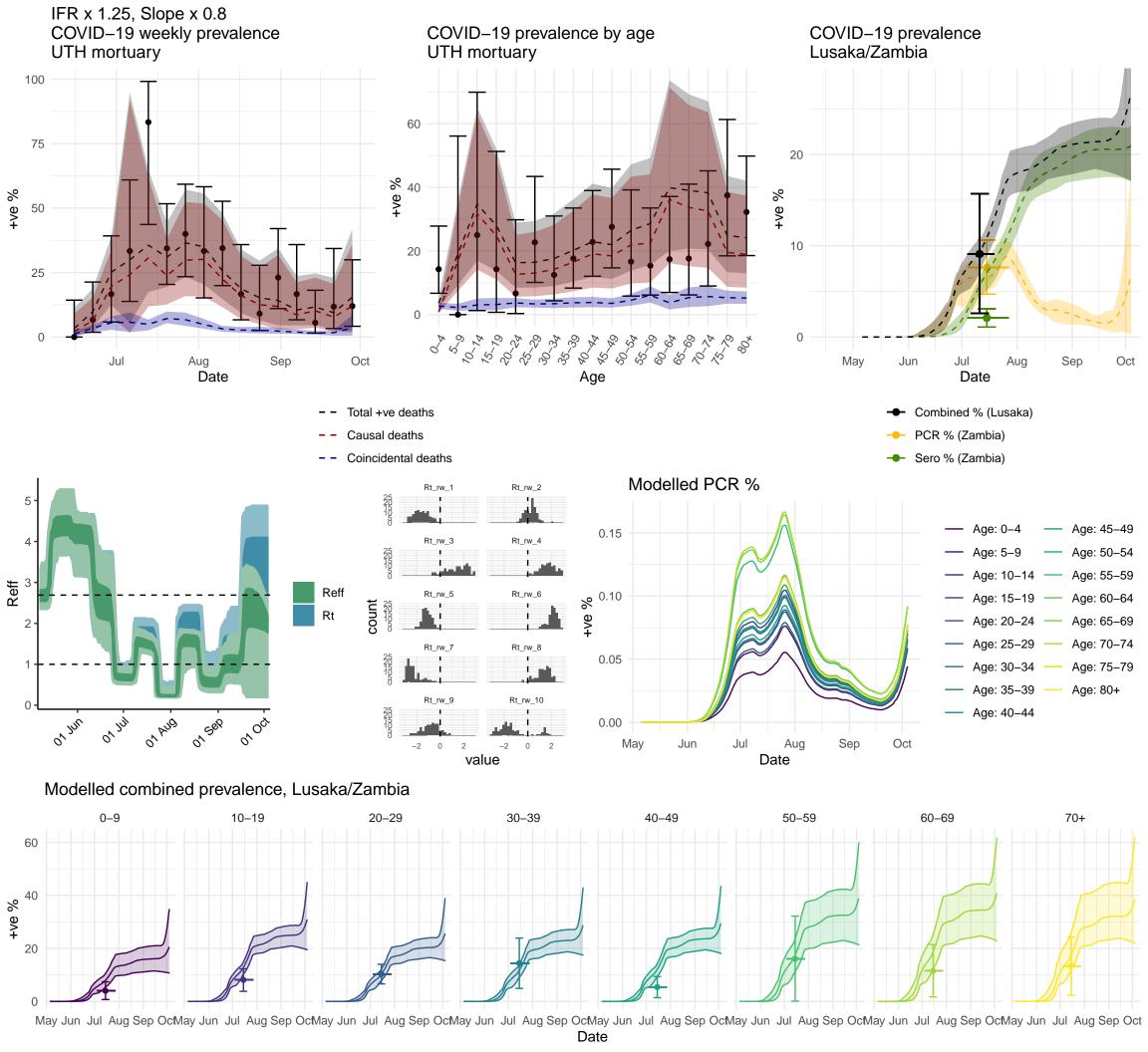


IFR x 1, Slope x 0.8 COVID-19 weekly deaths (Mortuary) Age: 0-4; Pois II = -49.6Age: 5-9; Pois II = -37Age: 10-14; Pois II = -31.3Age: 15-19; Pois II = -37.1Age: 20-24; Pois II = -4460 40

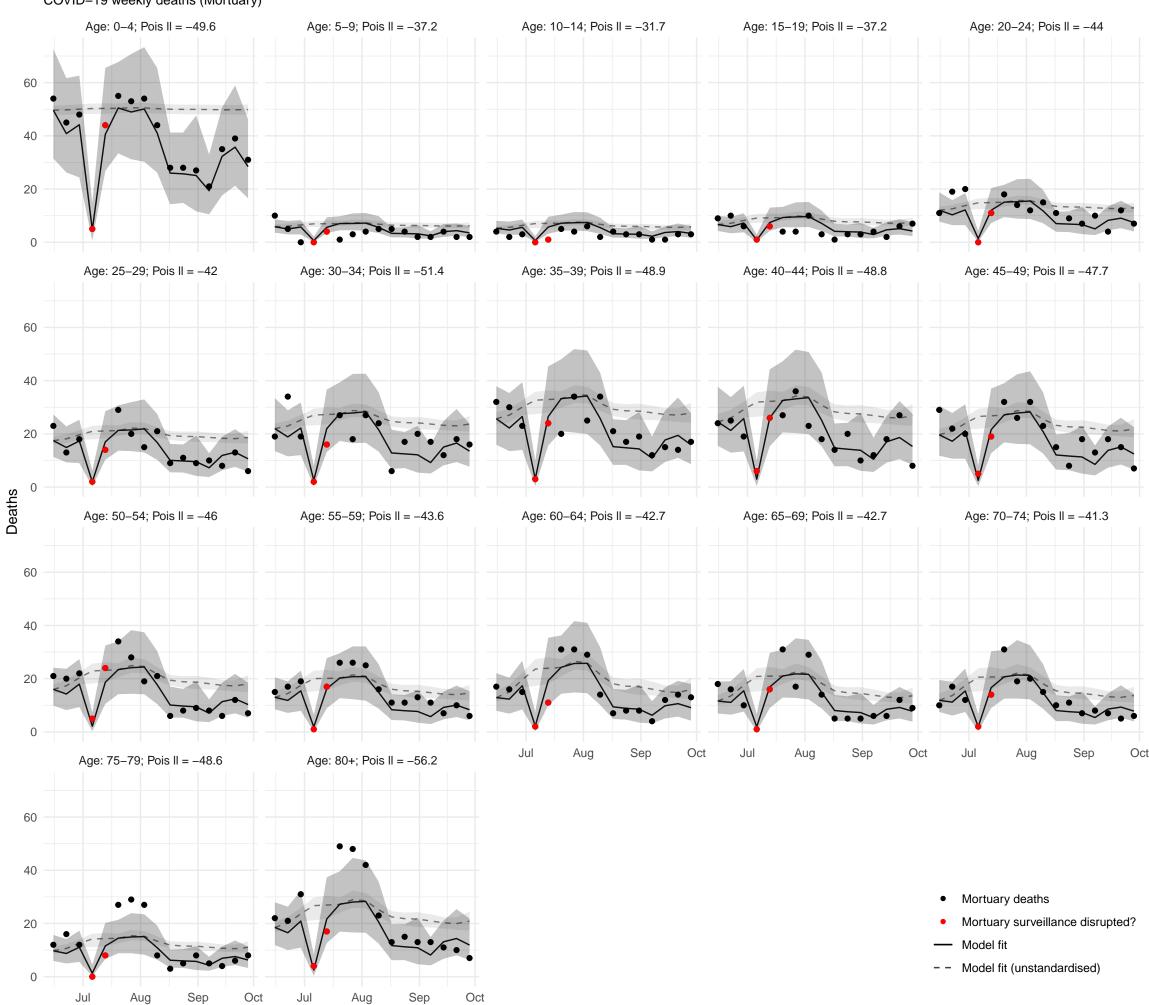


IFR x 1, Slope x 0.8 COVID–19 excess mortality: Comparison of MCMC results with squire results

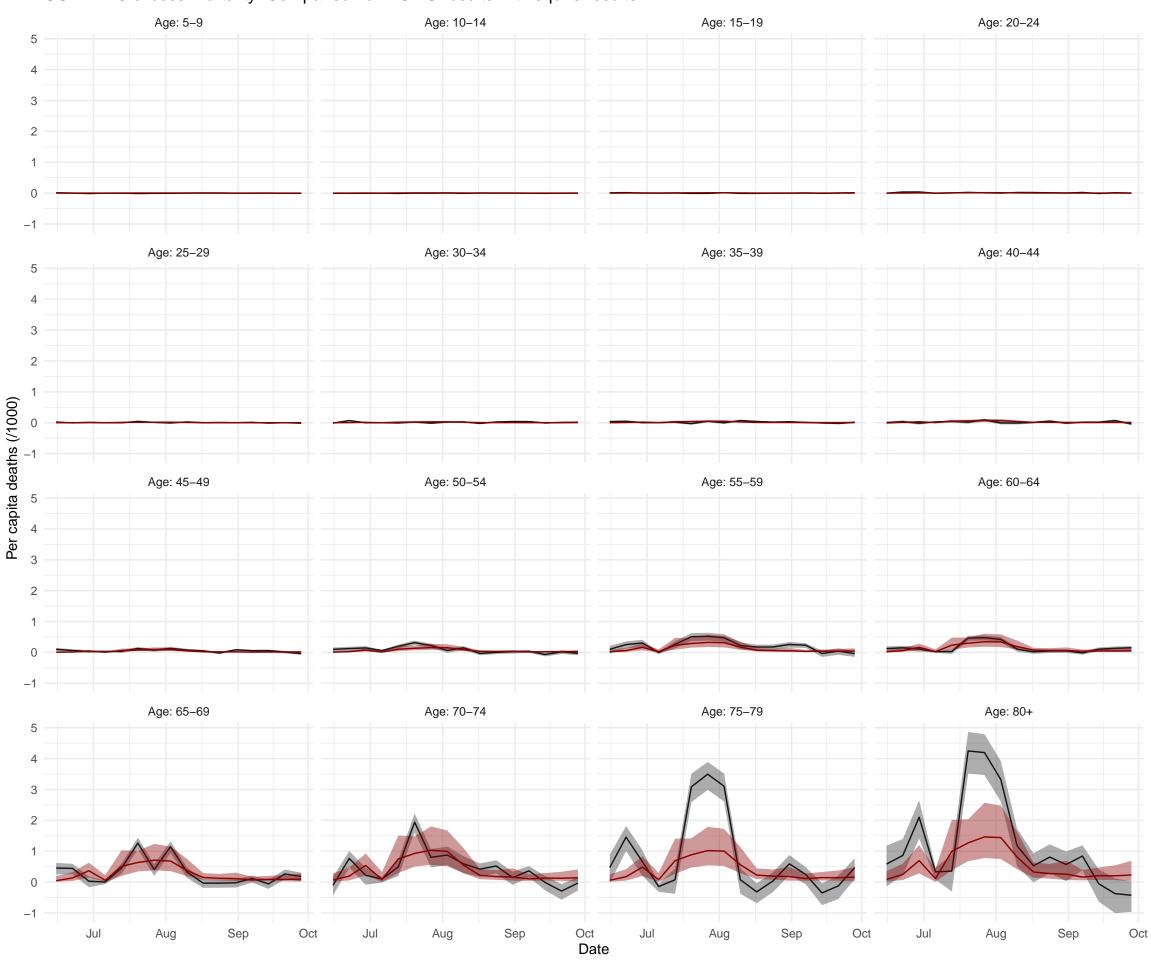


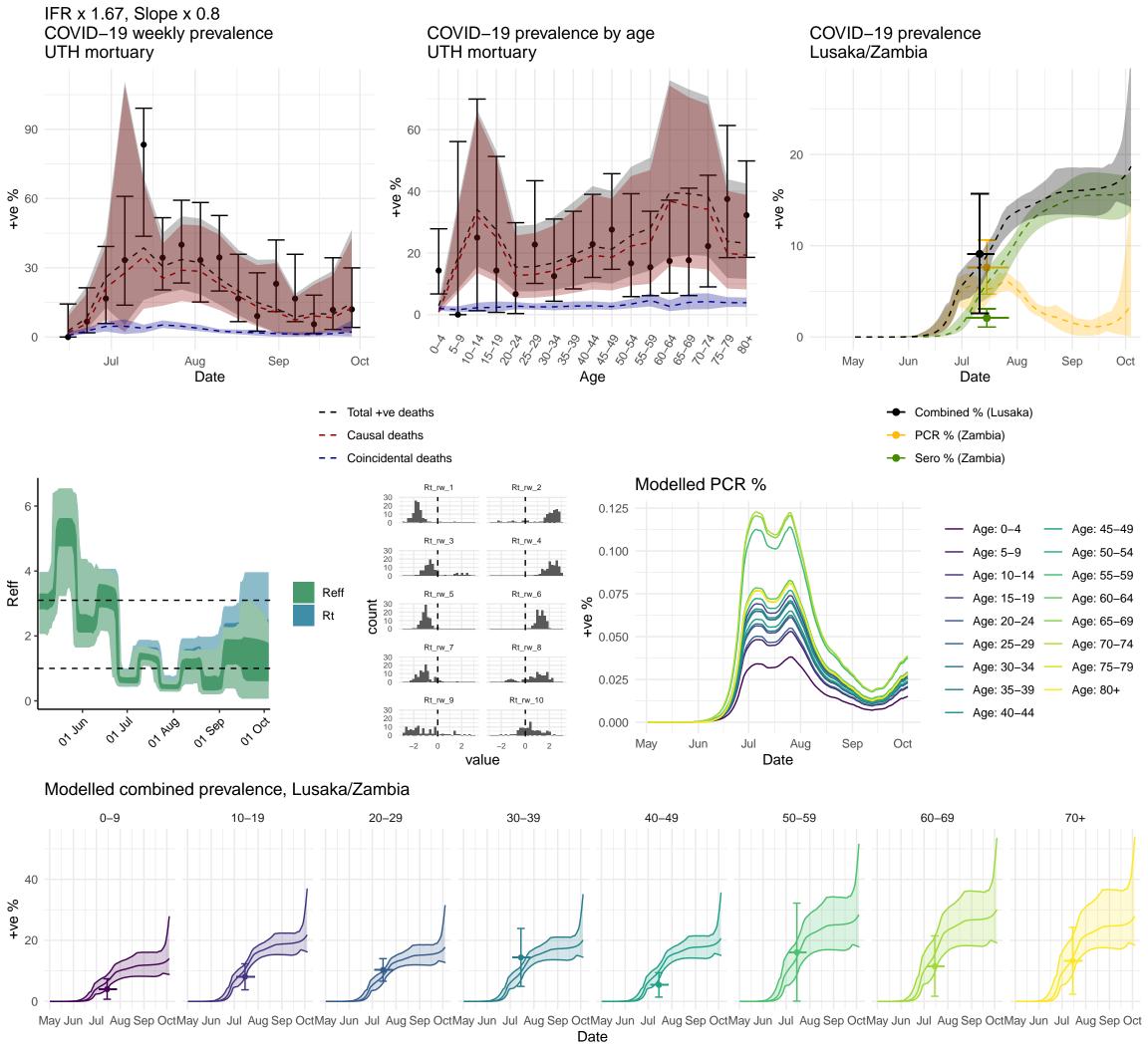


IFR x 1.25, Slope x 0.8 COVID–19 weekly deaths (Mortuary)

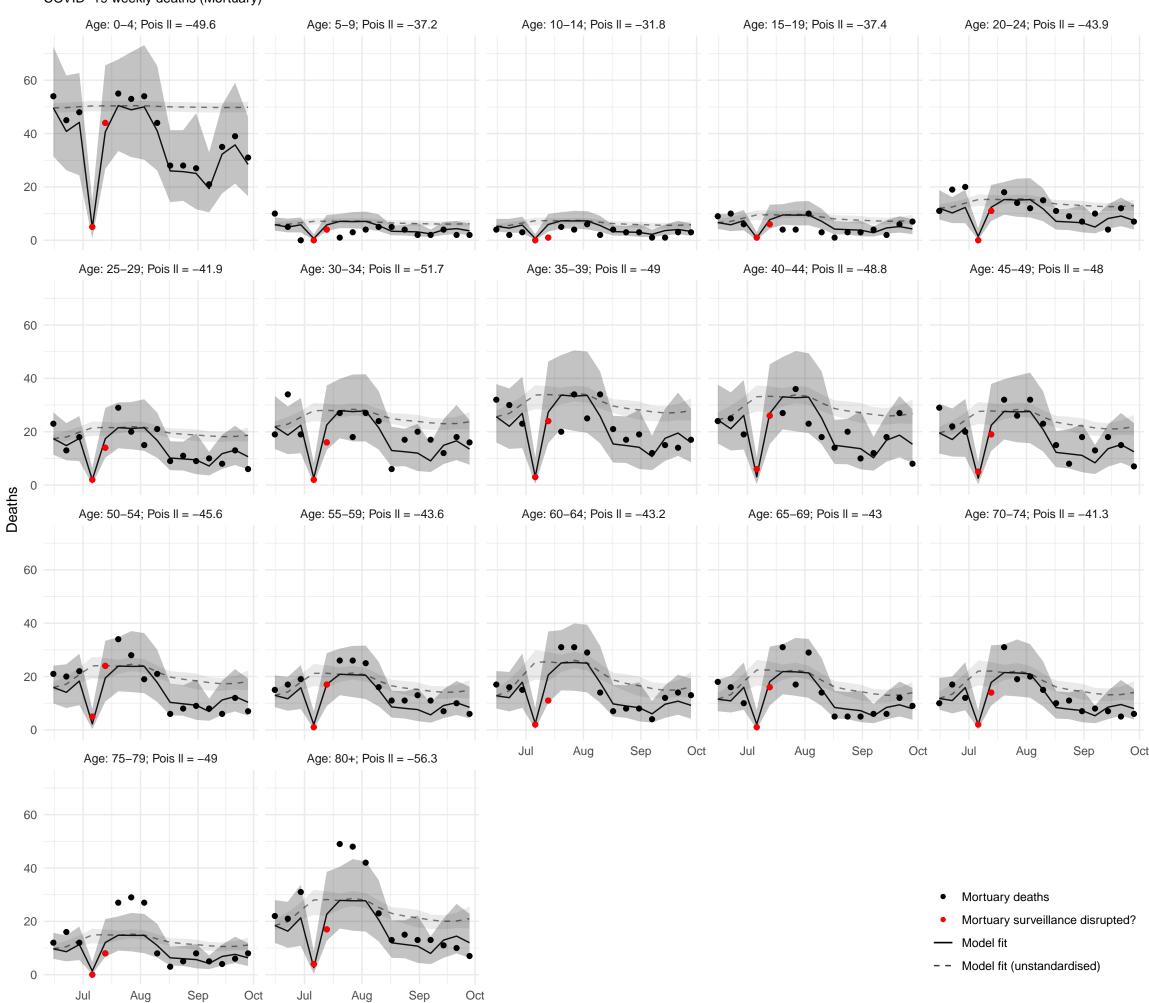


IFR x 1.25, Slope x 0.8 COVID–19 excess mortality: Comparison of MCMC results with squire results

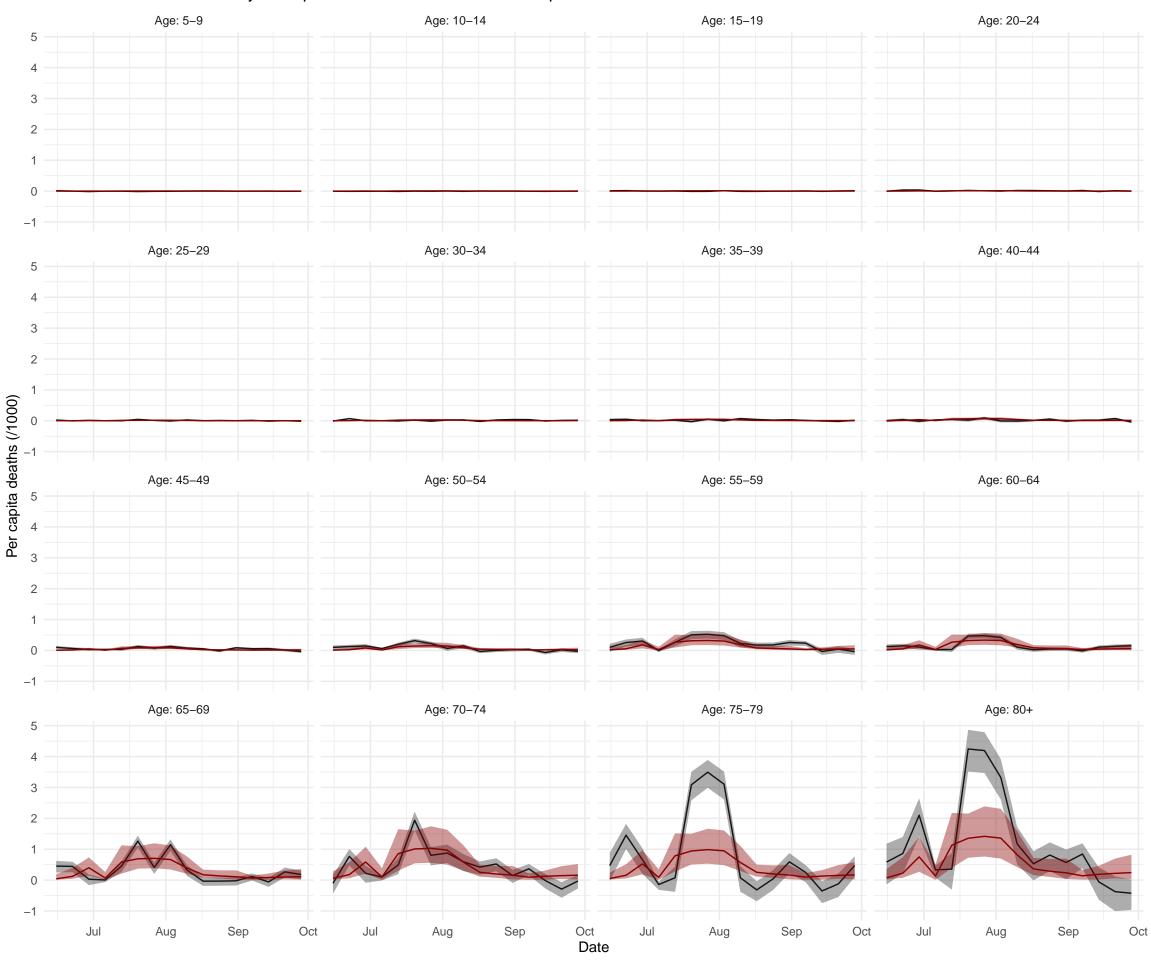


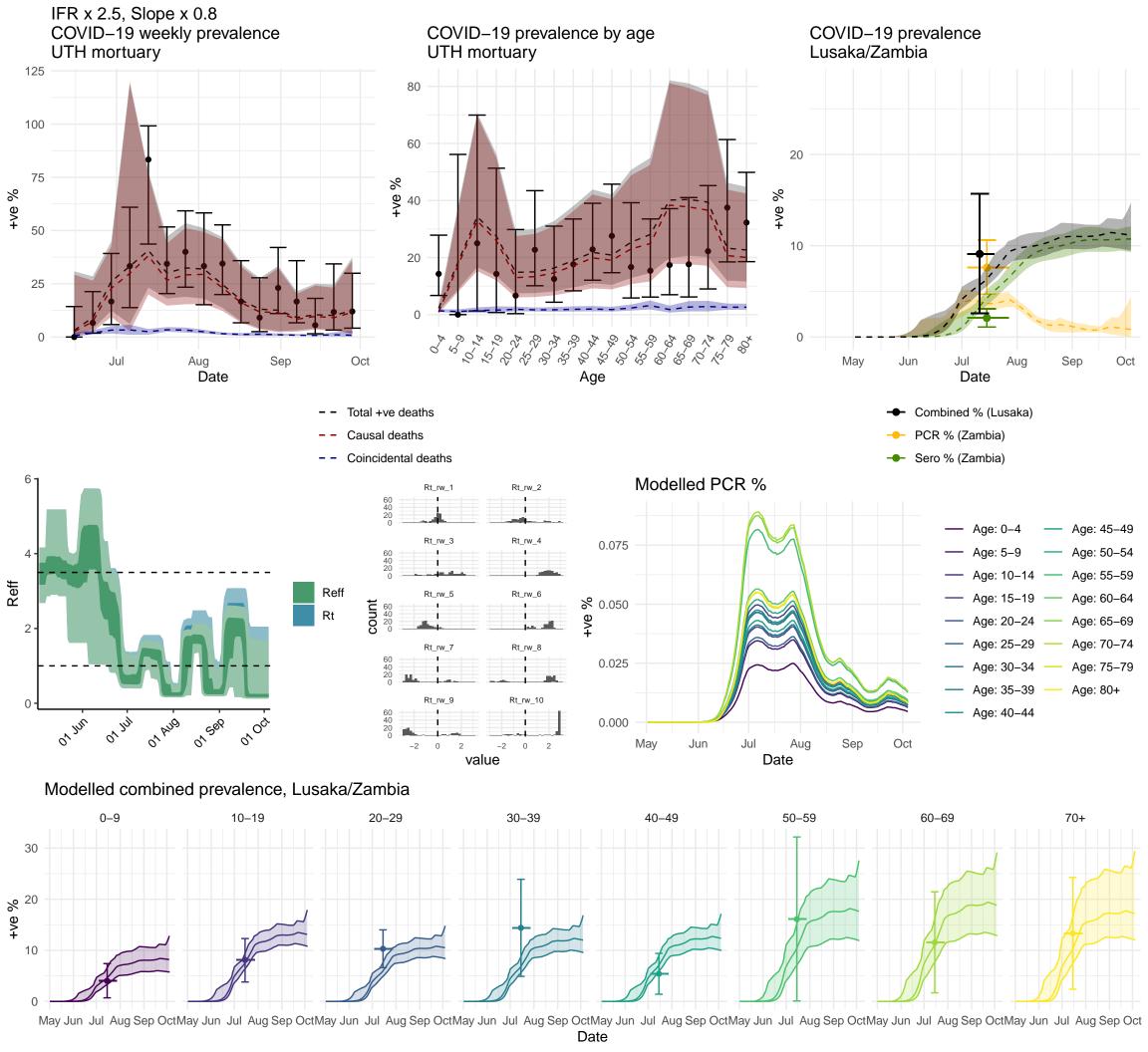


IFR x 1.67, Slope x 0.8 COVID–19 weekly deaths (Mortuary)

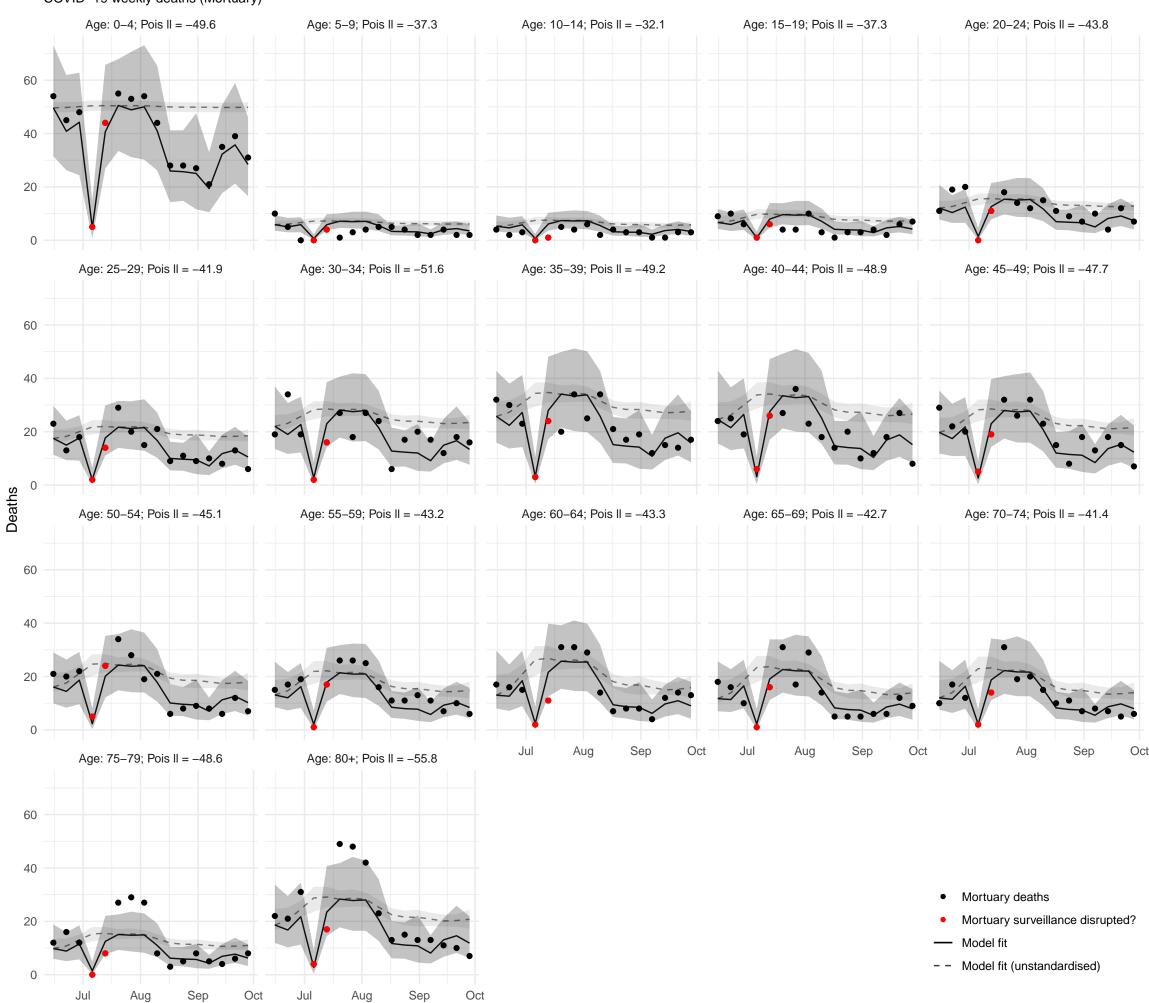


IFR x 1.67, Slope x 0.8 COVID–19 excess mortality: Comparison of MCMC results with squire results

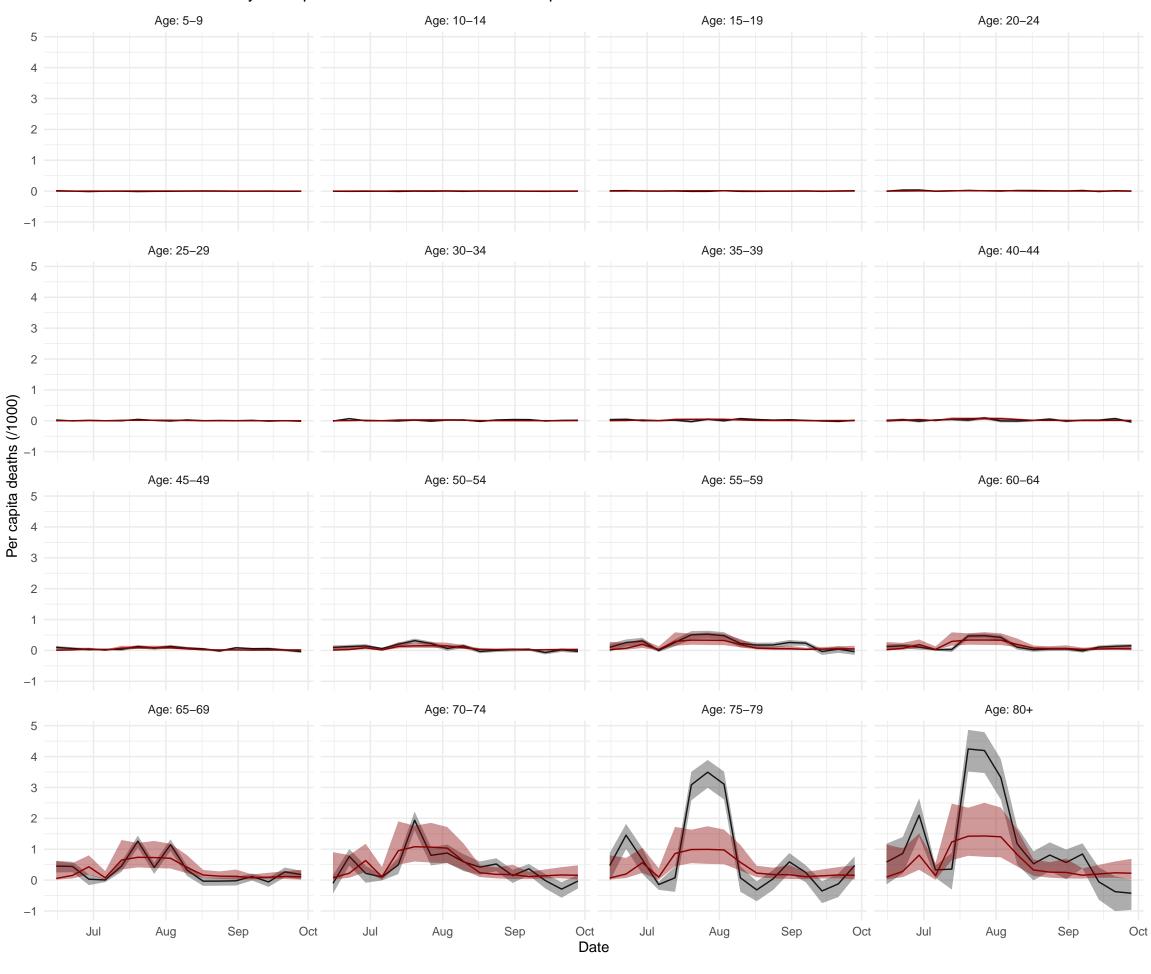


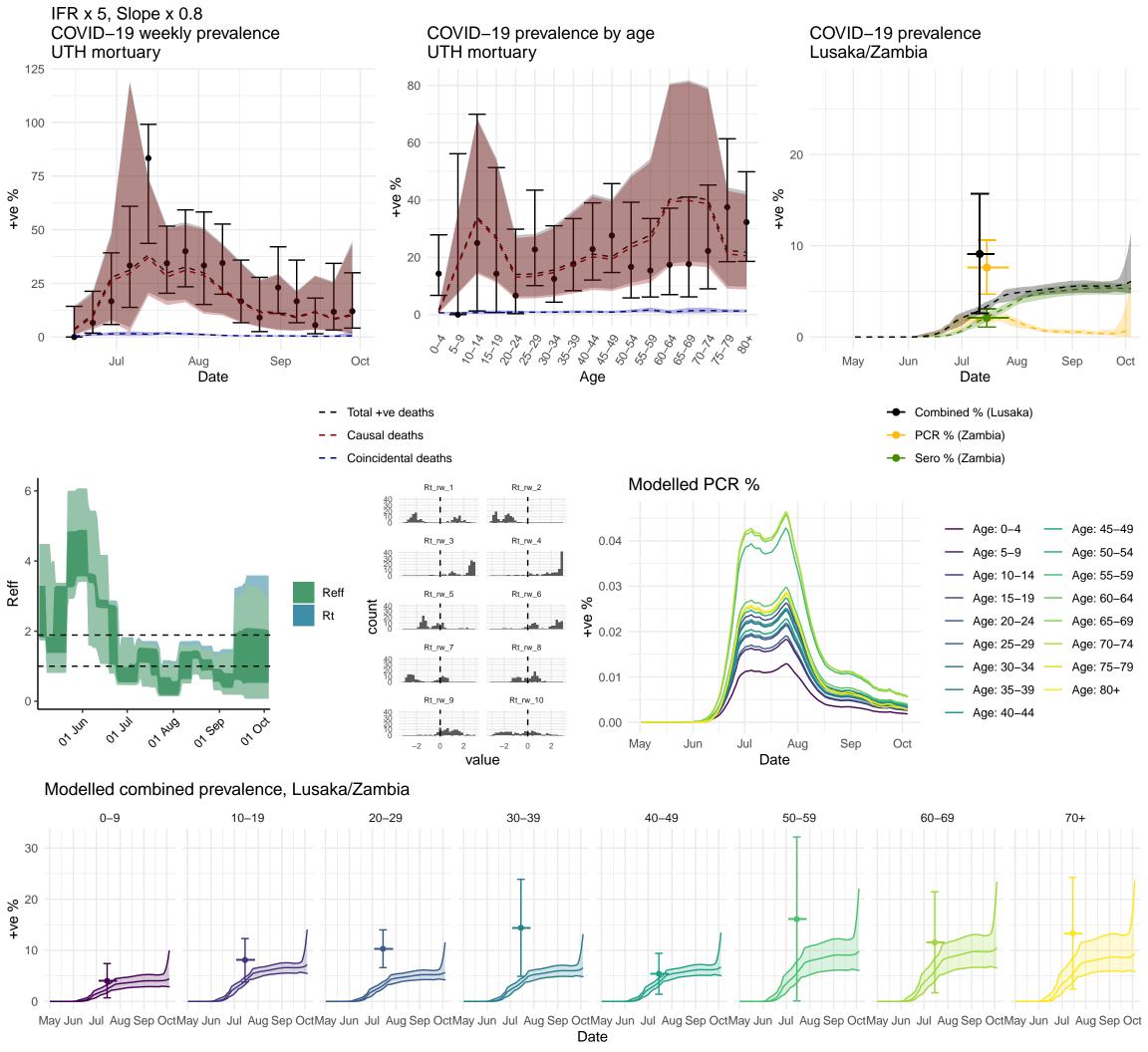


IFR x 2.5, Slope x 0.8 COVID–19 weekly deaths (Mortuary)

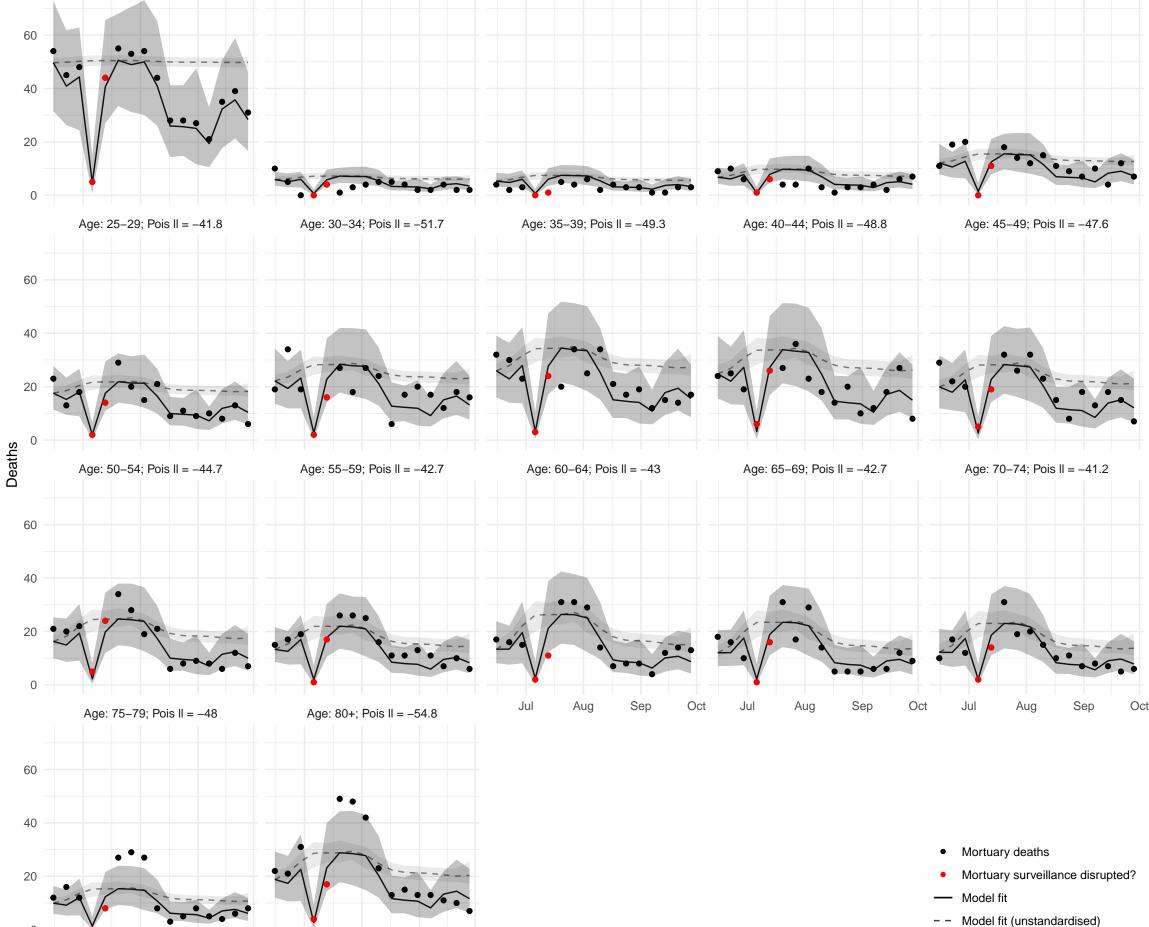


IFR x 2.5, Slope x 0.8 COVID–19 excess mortality: Comparison of MCMC results with squire results





IFR x 5, Slope x 0.8 COVID-19 weekly deaths (Mortuary) Age: 0-4; Pois II = -49.6Age: 5-9; Pois II = -37.4Age: 10-14; Pois II = -32.2Age: 15-19; Pois II = -37.4Age: 20-24; Pois II = -43.760 40



Date

Aug

Sep

Oct

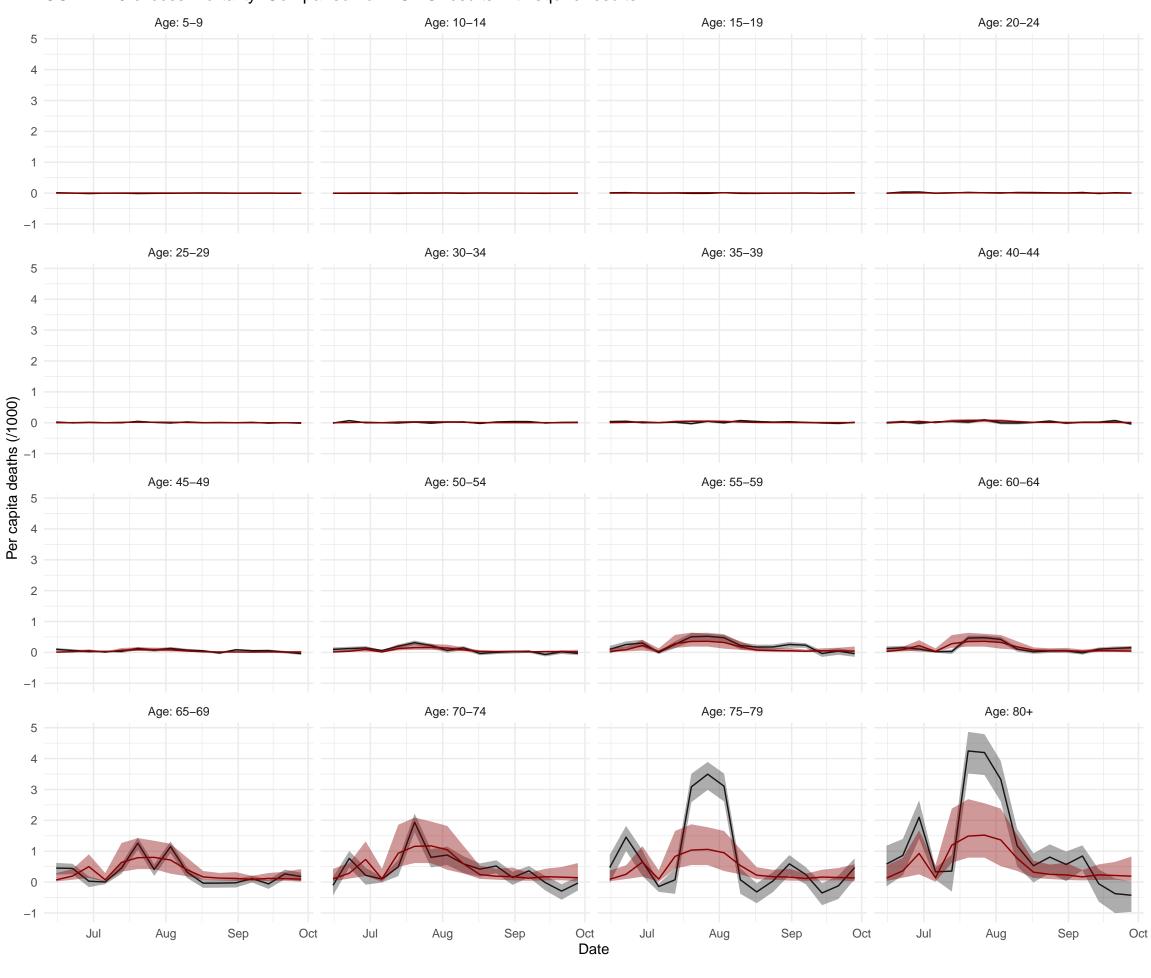
Jul

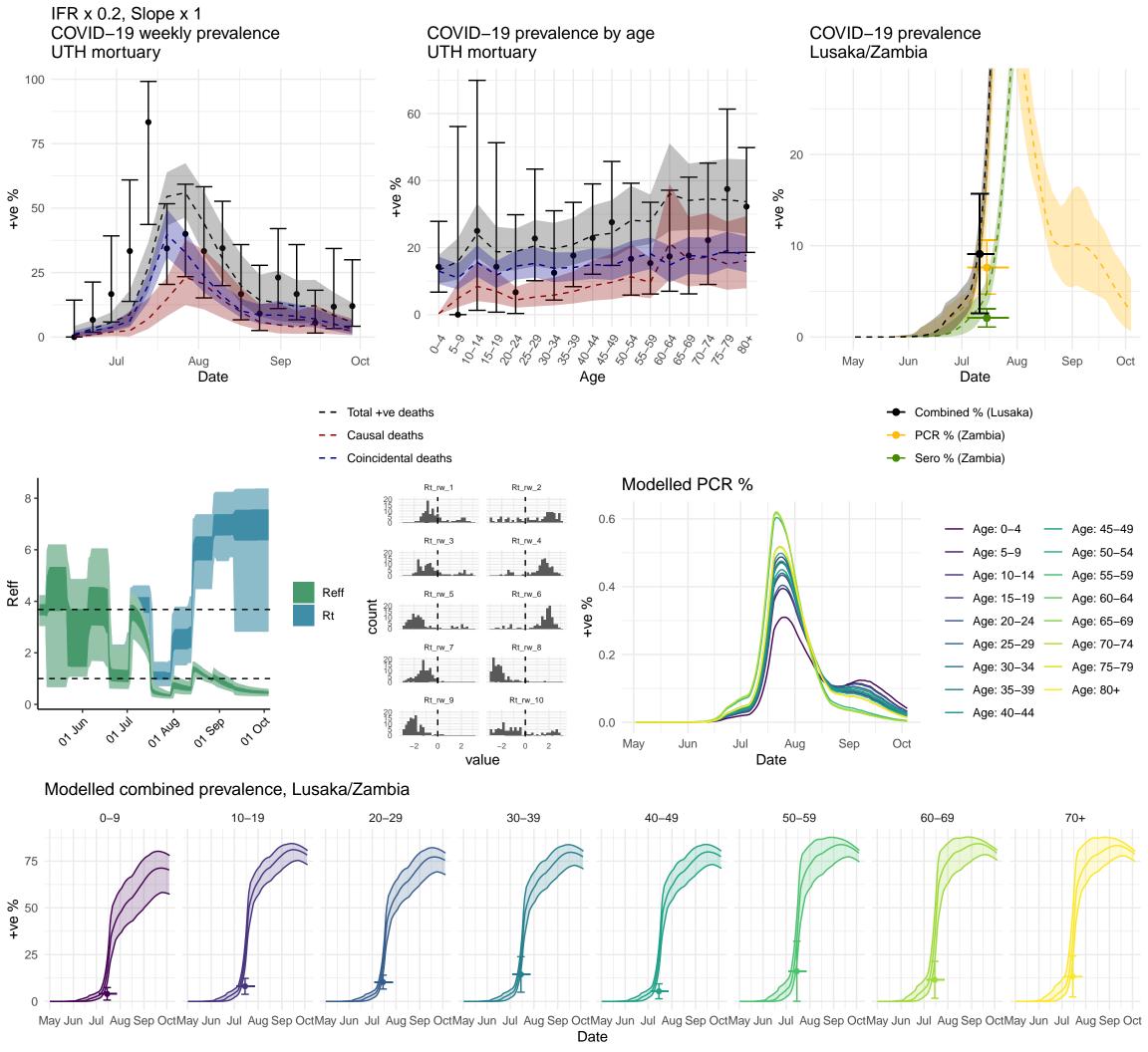
Aug

Sep

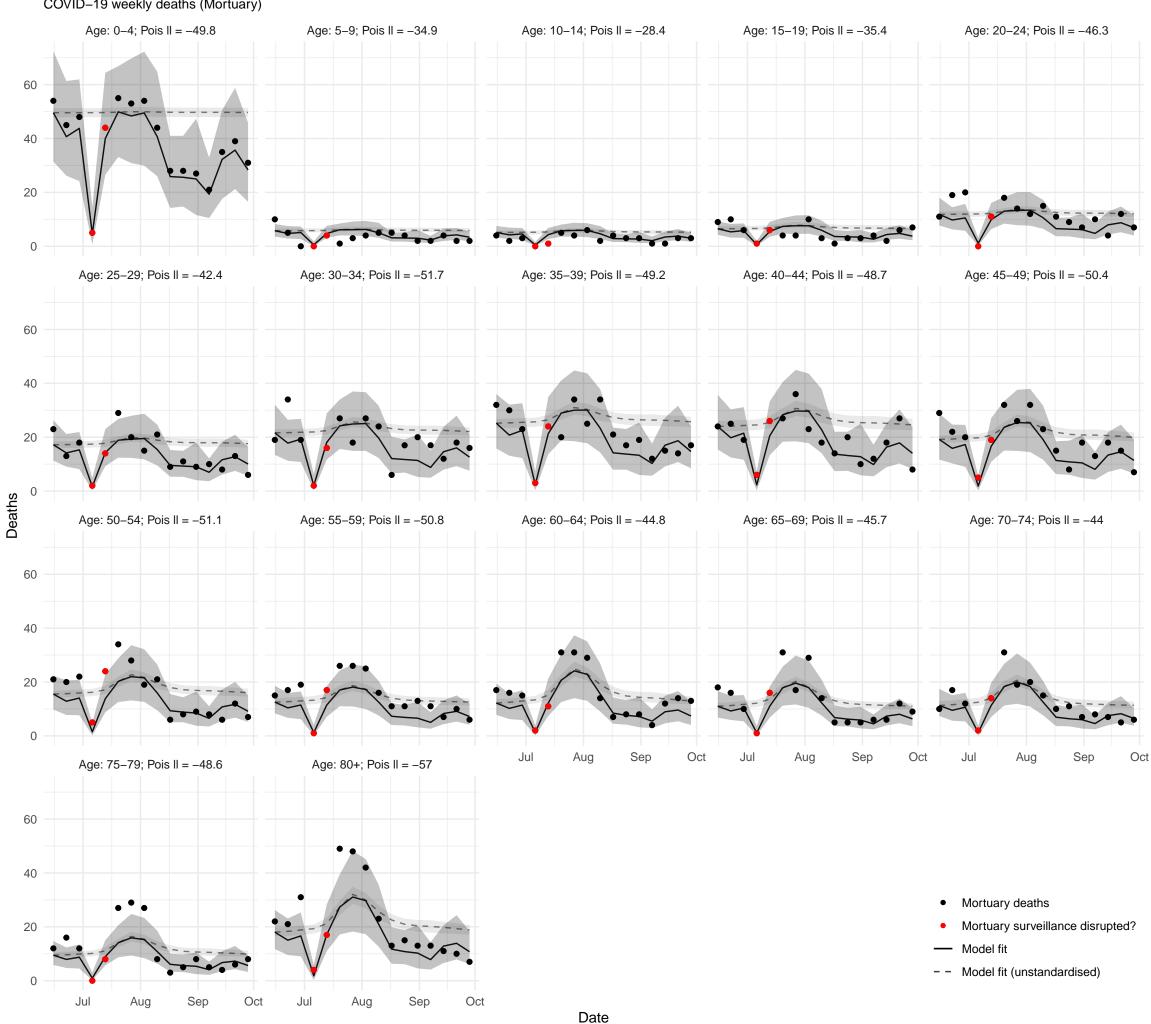
Oct

IFR x 5, Slope x 0.8 COVID–19 excess mortality: Comparison of MCMC results with squire results

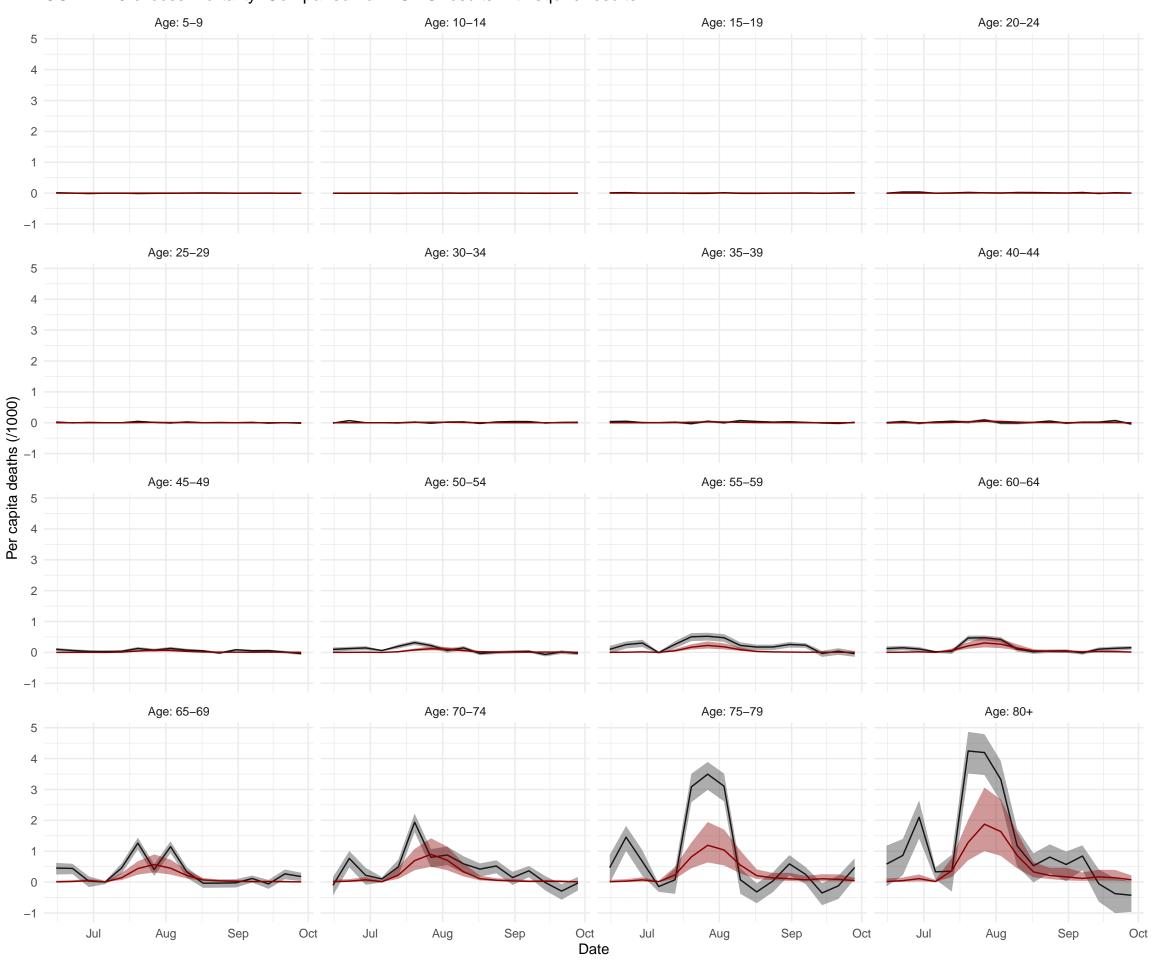


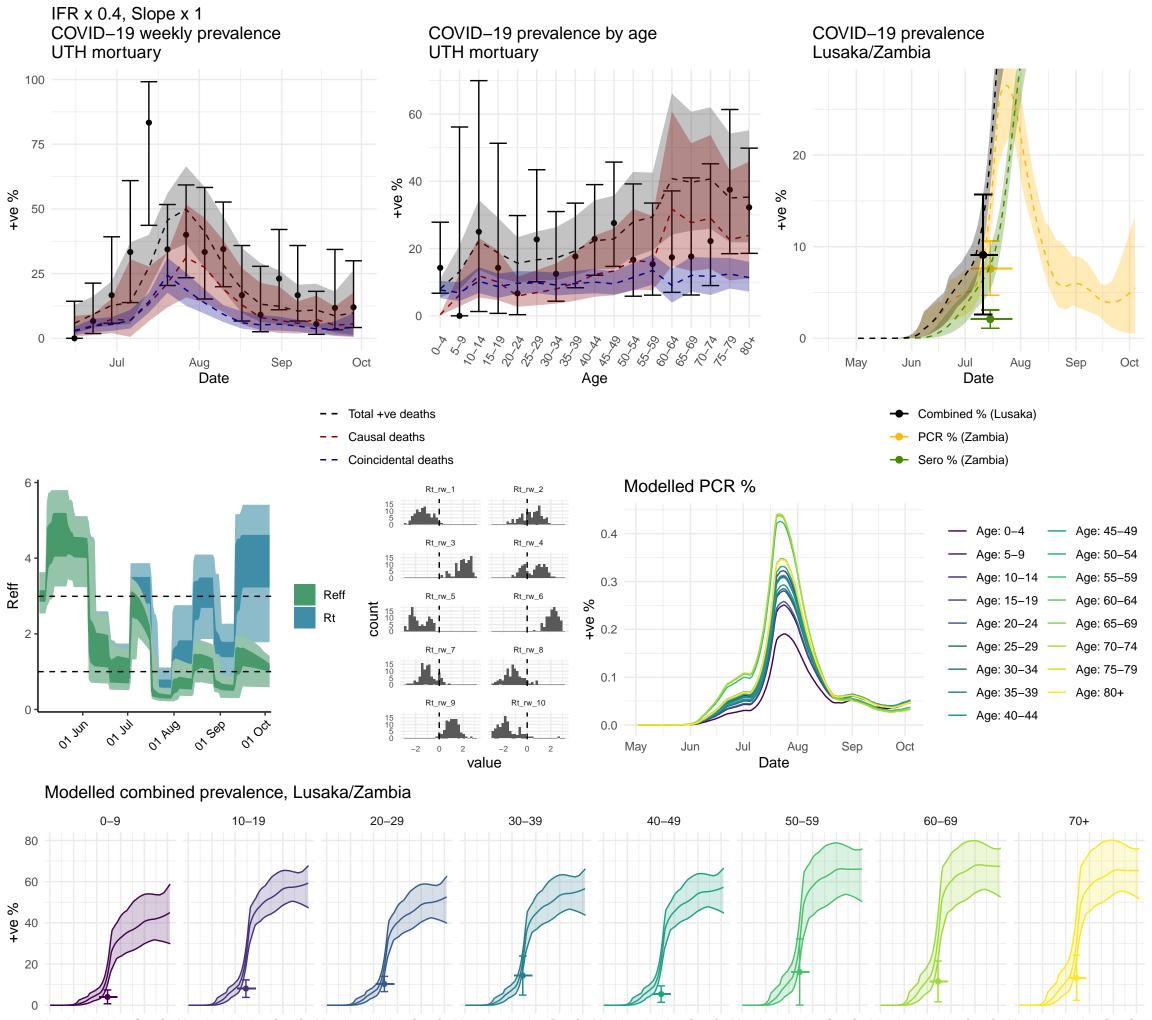


IFR x 0.2, Slope x 1 COVID-19 weekly deaths (Mortuary)

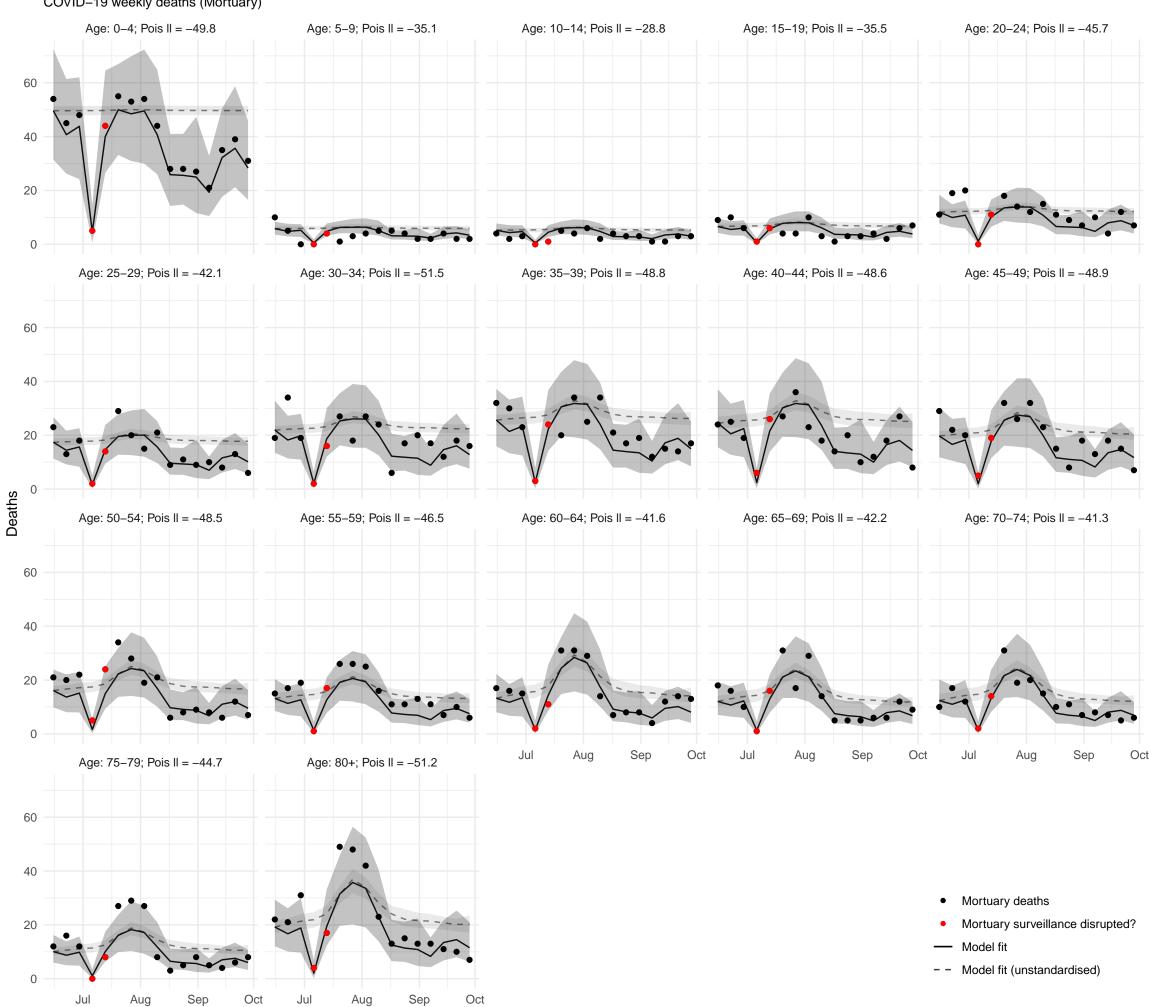


IFR x 0.2, Slope x 1 COVID–19 excess mortality: Comparison of MCMC results with squire results

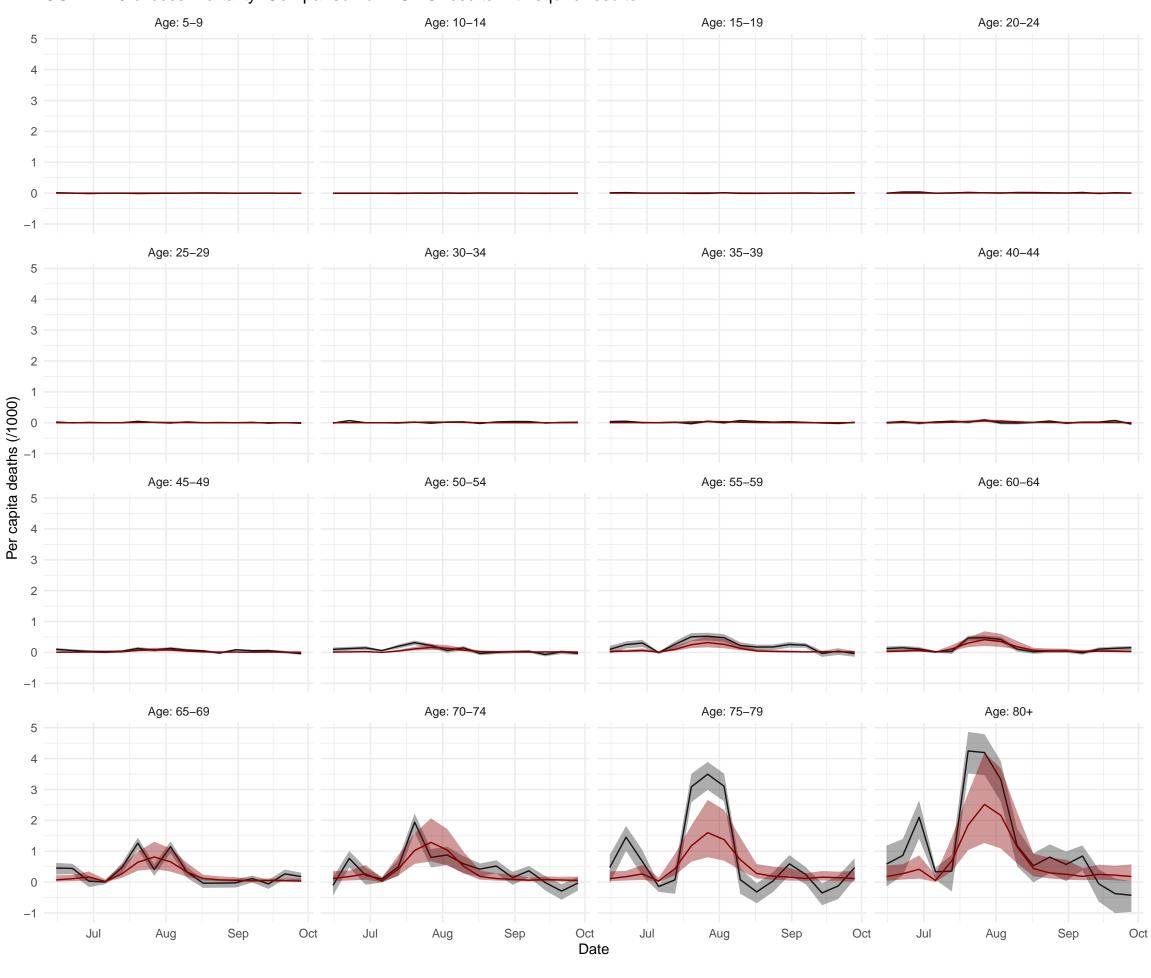


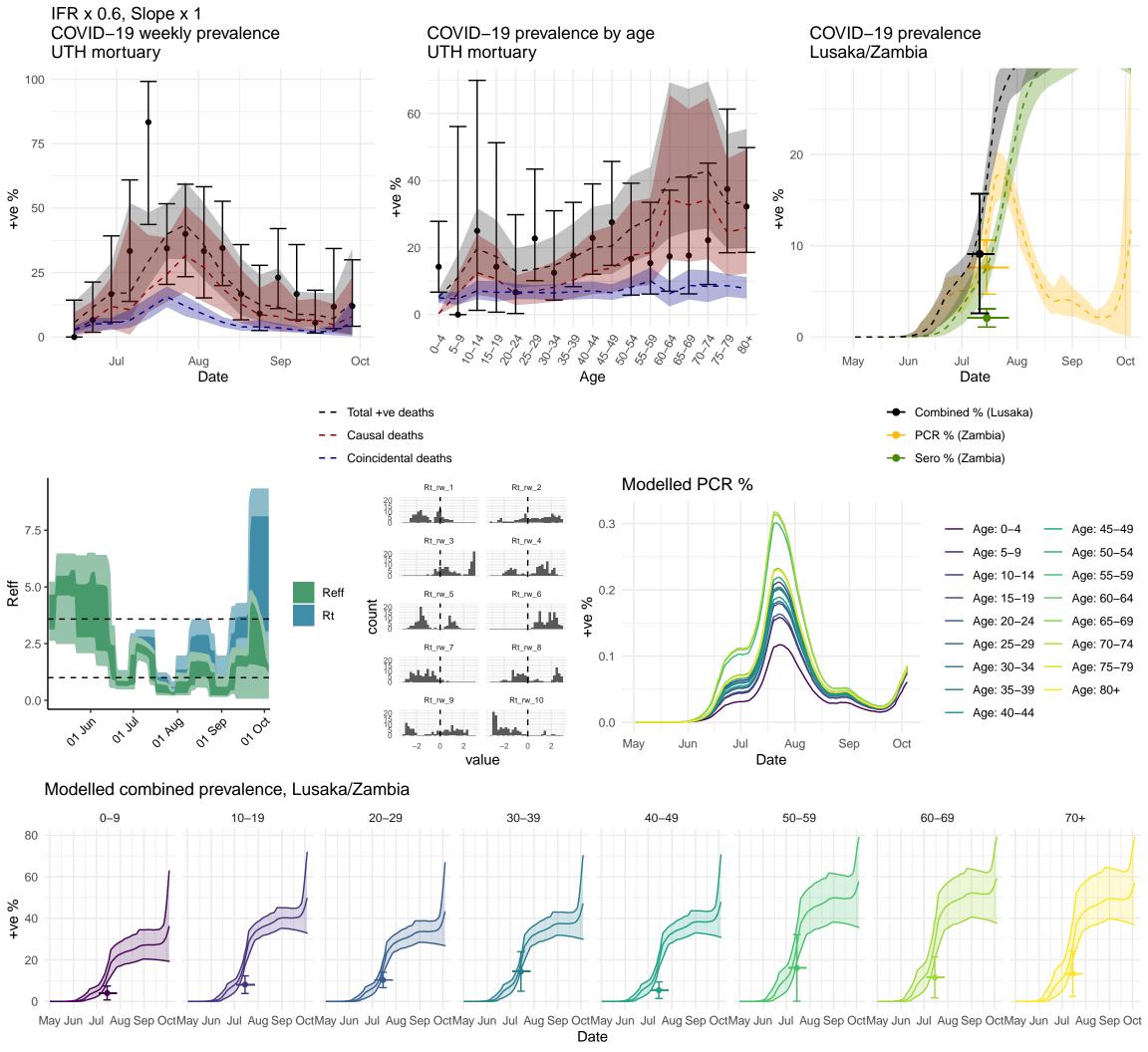


IFR x 0.4, Slope x 1 COVID–19 weekly deaths (Mortuary)

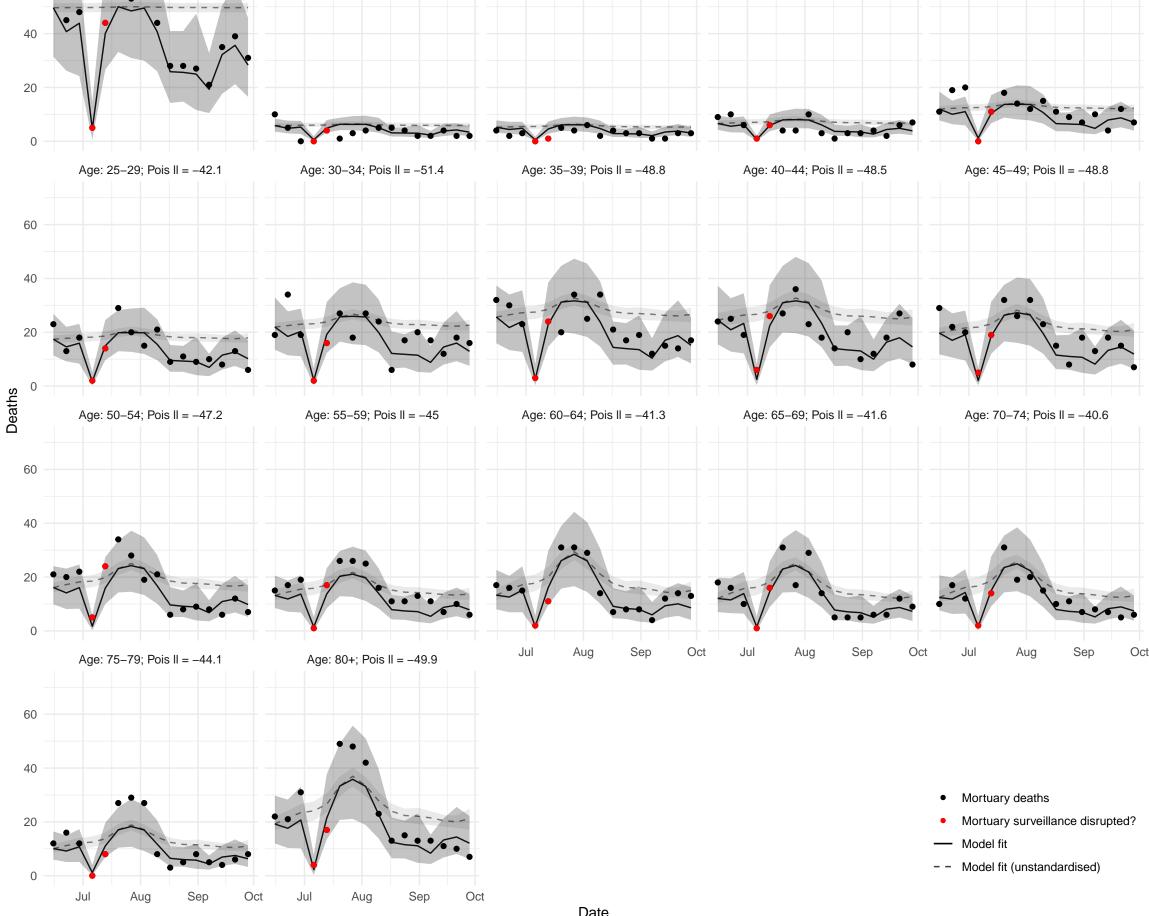


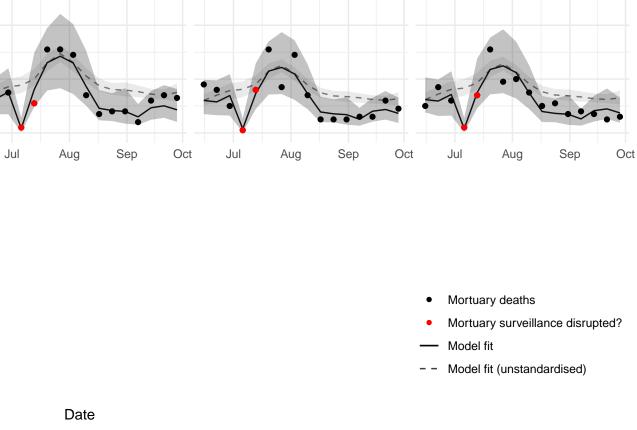
IFR x 0.4, Slope x 1 COVID–19 excess mortality: Comparison of MCMC results with squire results



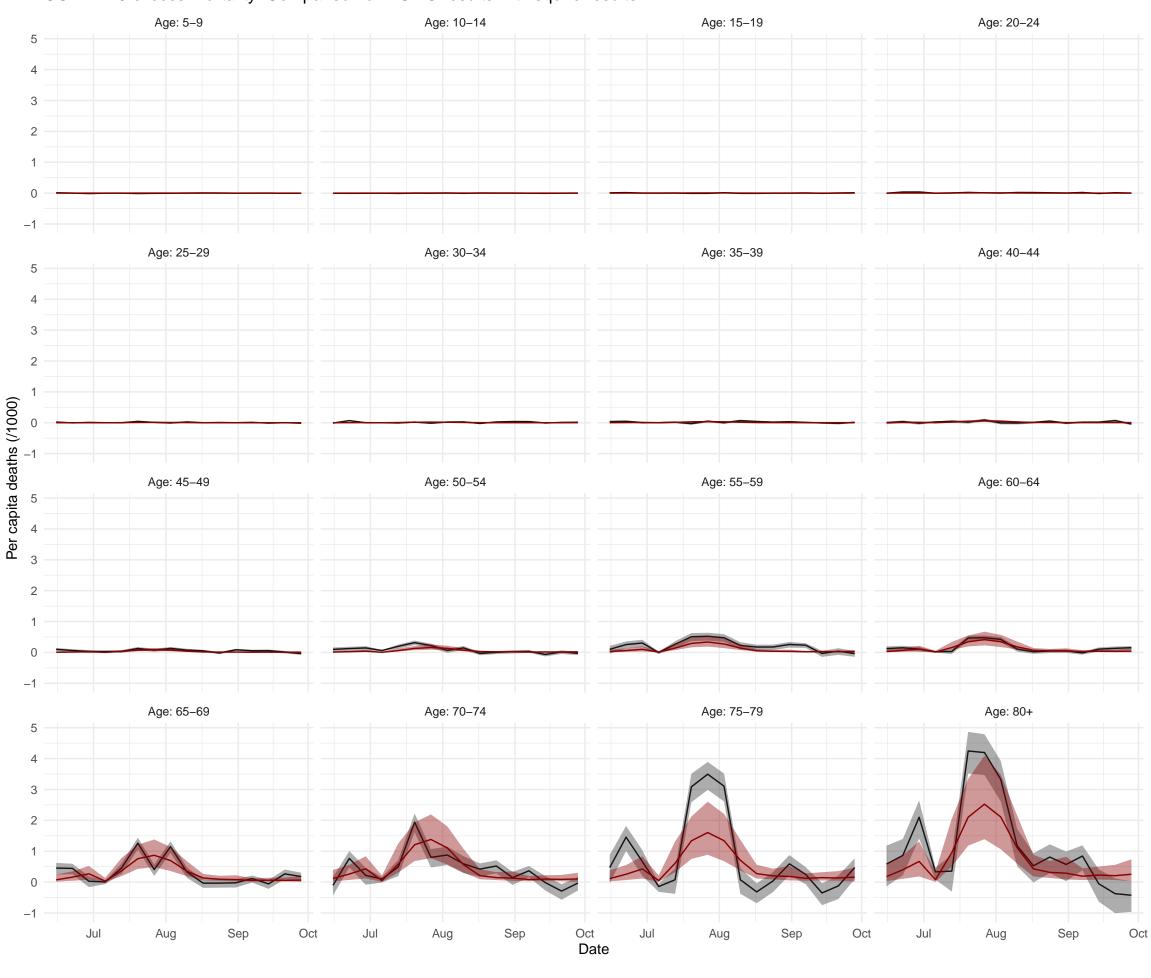


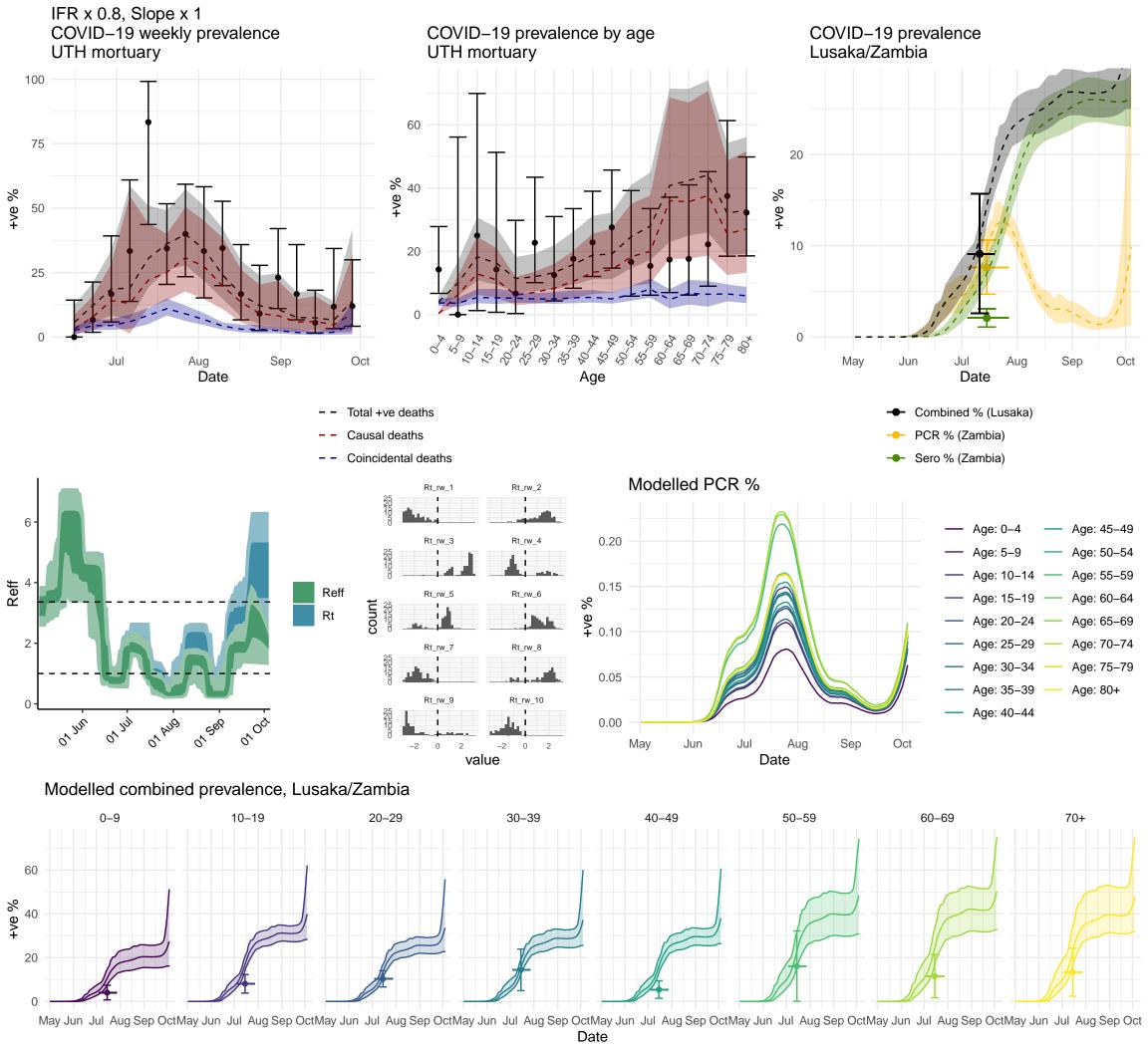
IFR x 0.6, Slope x 1 COVID-19 weekly deaths (Mortuary) Age: 0-4; Pois II = -49.8Age: 20-24; Pois II = -45.5Age: 5-9; Pois II = -35.2Age: 10-14; Pois II = -28.9Age: 15-19; Pois II = -35.560 0 Age: 25-29; Pois II = -42.1Age: 30-34; Pois II = -51.4Age: 35-39; Pois II = -48.8Age: 40-44; Pois II = -48.5Age: 45-49; Pois II = -48.8Age: 50-54; Pois II = -47.2Age: 55-59; Pois II = -45Age: 60-64; Pois II = -41.3Age: 65-69; Pois II = -41.6Age: 70-74; Pois II = -40.6



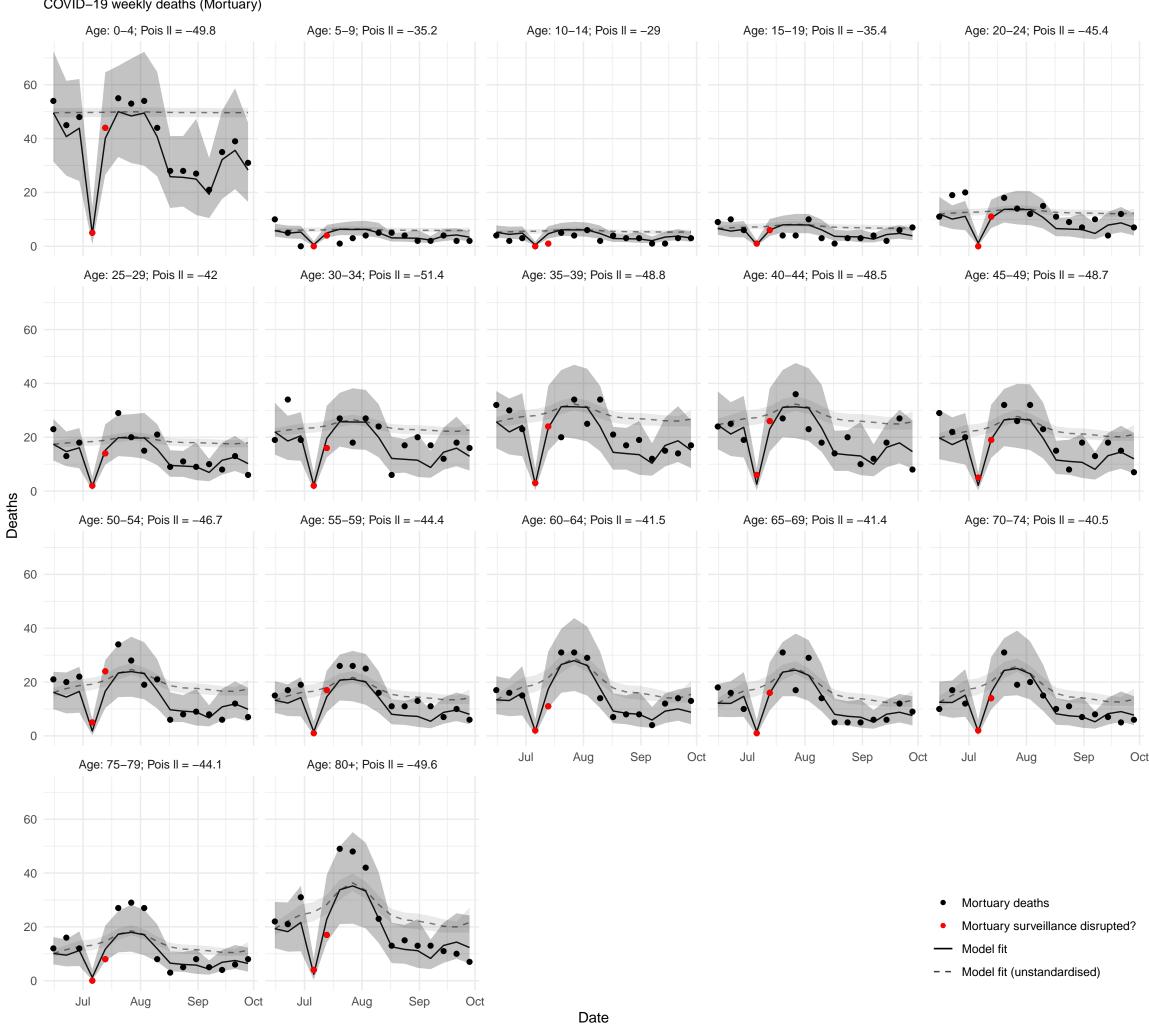


IFR x 0.6, Slope x 1 COVID–19 excess mortality: Comparison of MCMC results with squire results

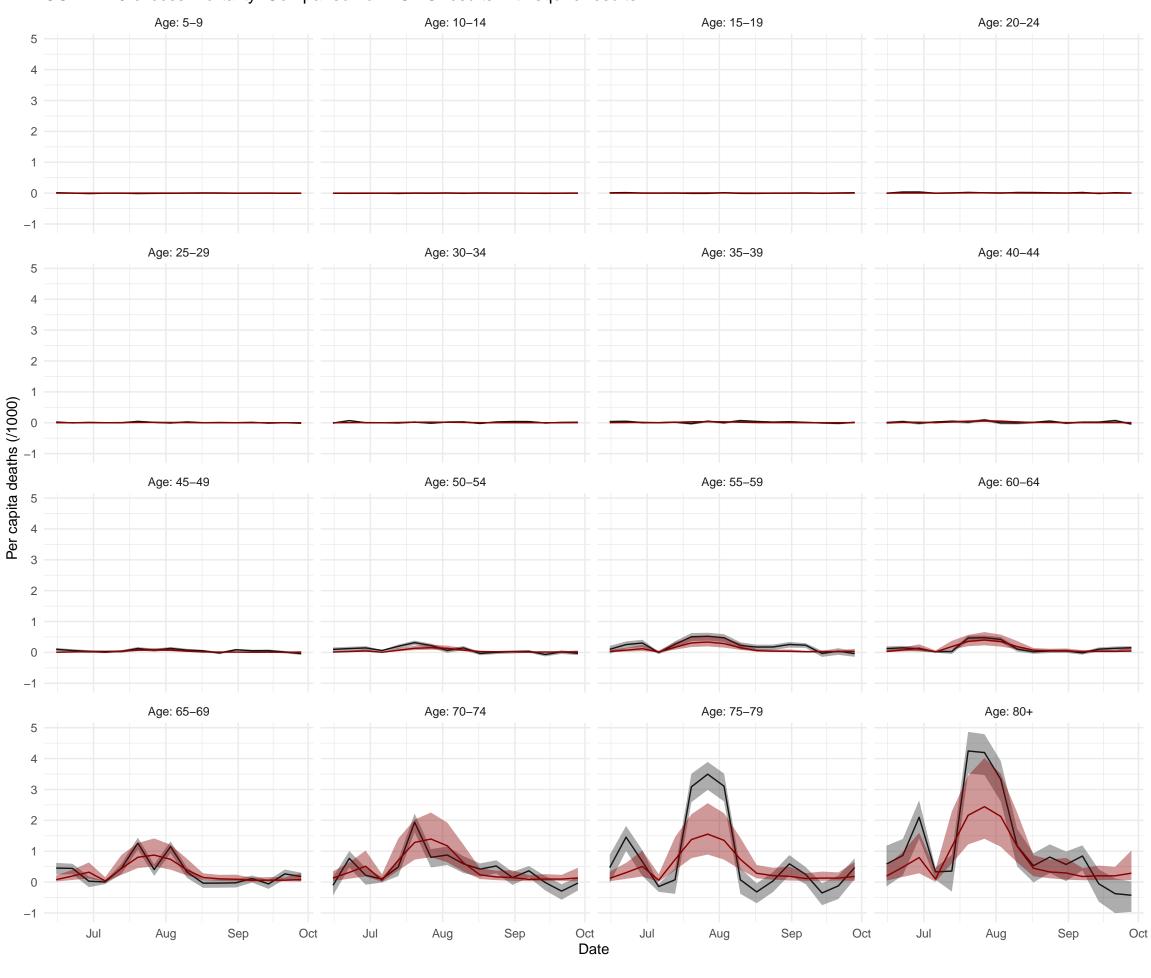


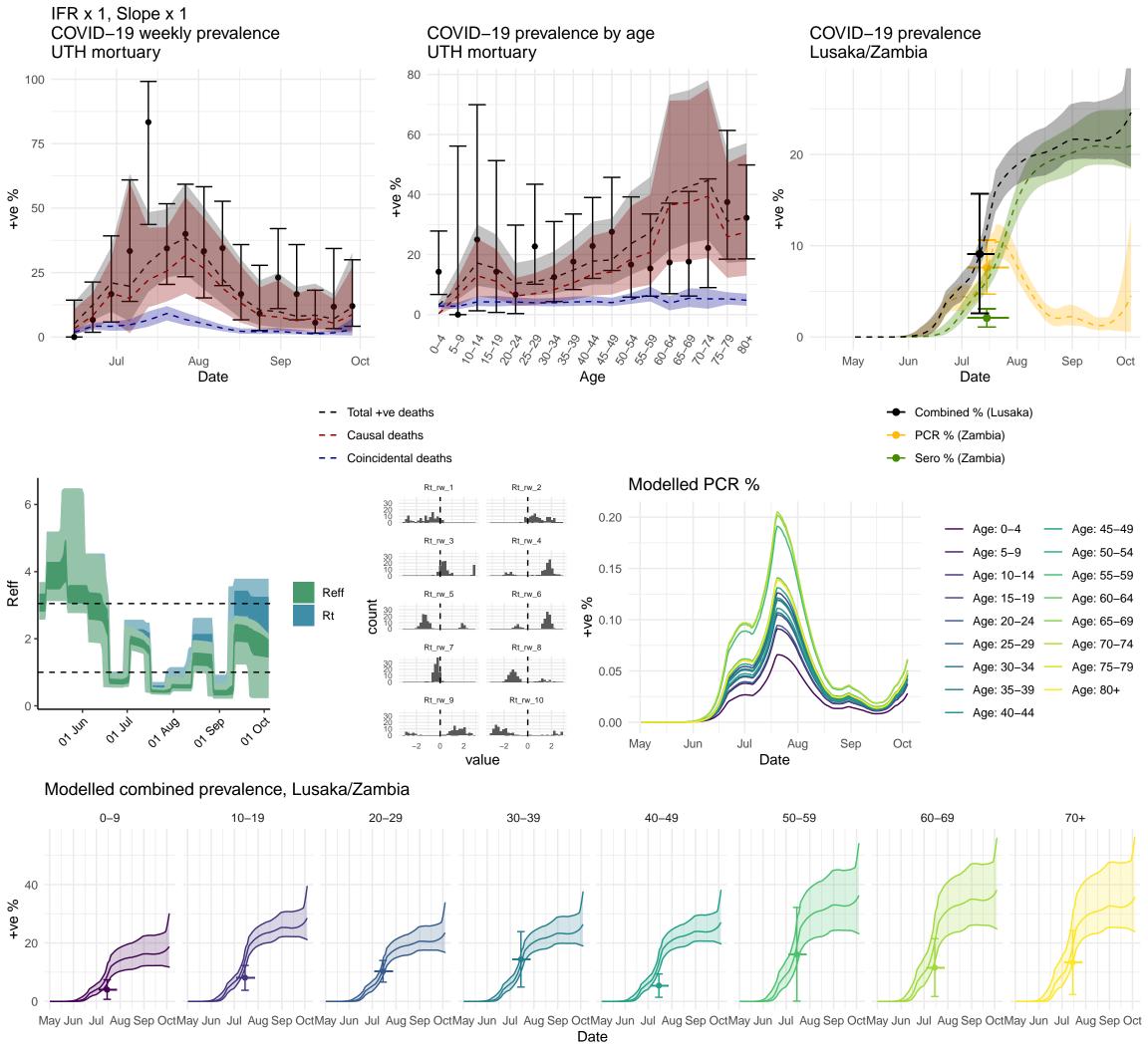


IFR x 0.8, Slope x 1 COVID-19 weekly deaths (Mortuary)



IFR x 0.8, Slope x 1 COVID–19 excess mortality: Comparison of MCMC results with squire results





IFR x 1, Slope x 1 COVID-19 weekly deaths (Mortuary) Age: 0-4; Pois II = -49.8Age: 5-9; Pois II = -35.3Age: 10-14; Pois II = -29Age: 15-19; Pois II = -35.4Age: 20-24; Pois II = -45.360 20 0 Age: 25-29; Pois II = -42Age: 30-34; Pois II = -51.4Age: 35-39; Pois II = -48.8Age: 40-44; Pois II = -48.4Age: 45-49; Pois II = -48.760 40 Age: 50-54; Pois II = -46.4Age: 55-59; Pois II = -44.1Age: 60-64; Pois II = -41.3Age: 65-69; Pois II = -41.6Age: 70-74; Pois II = -40.760 40 Aug Jul Sep Oct Jul Aug Sep Oct Jul Aug Sep Age: 75-79; Pois II = -44Age: 80+; Pois II = -49.360 40

Deaths

Aug

Sep

Oct

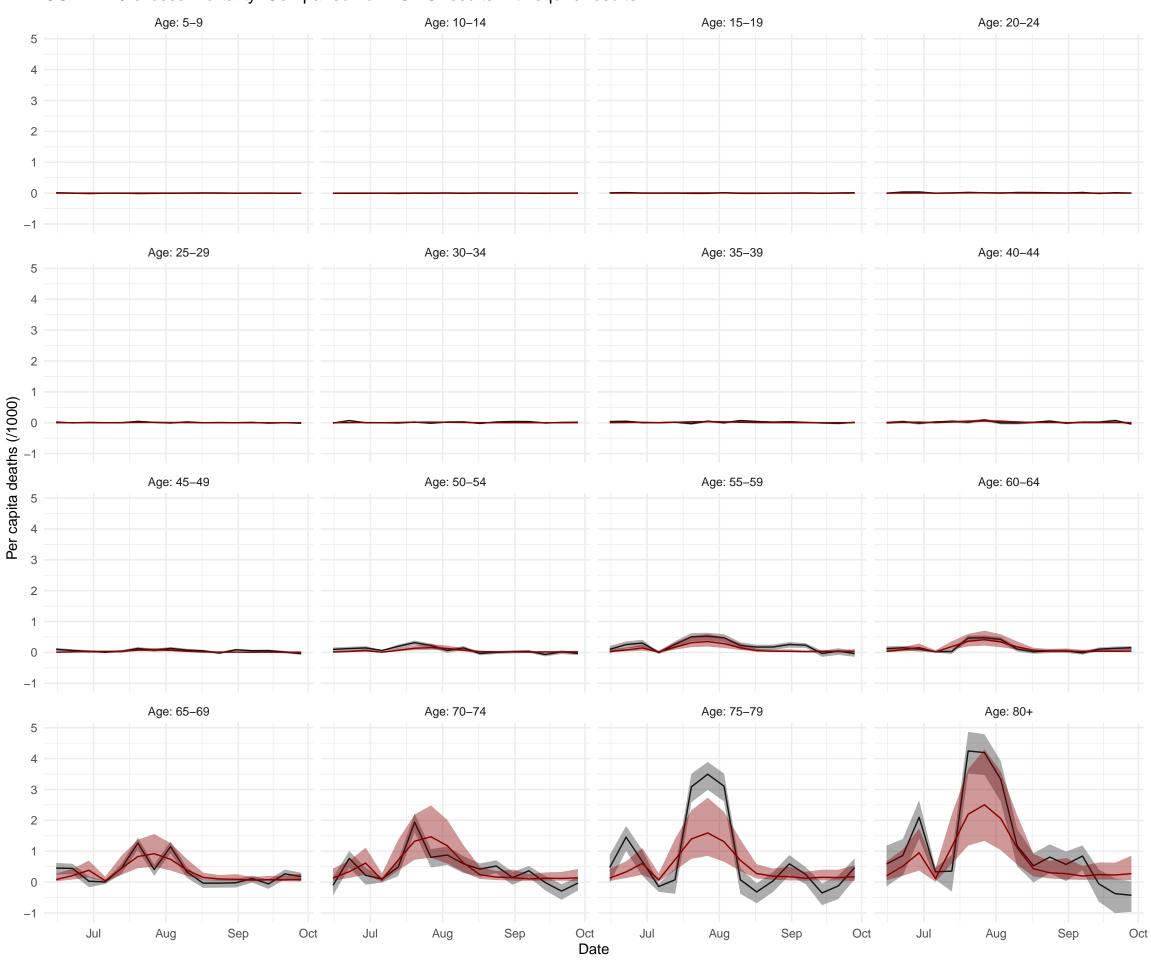
Jul

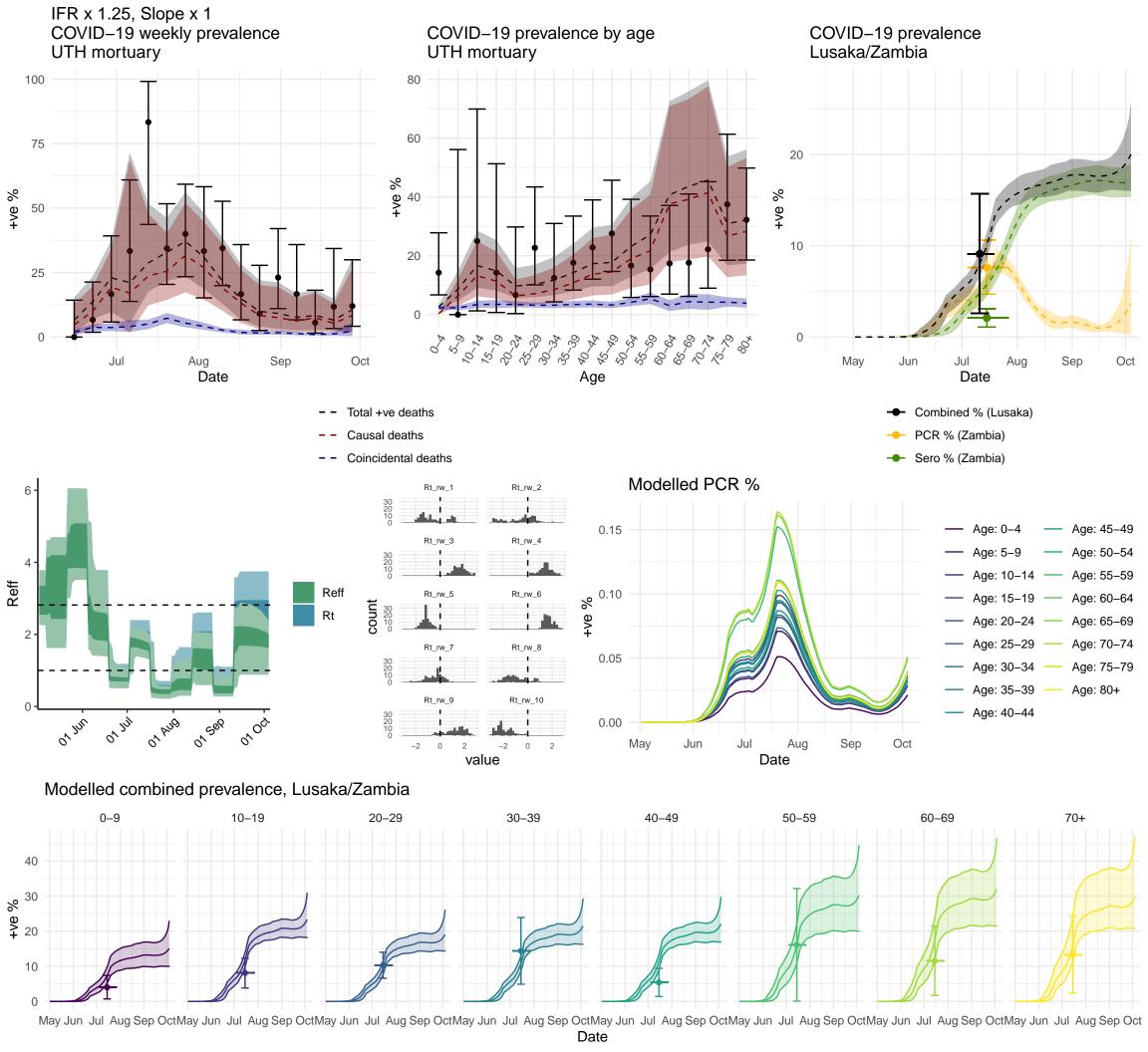
Aug

Sep

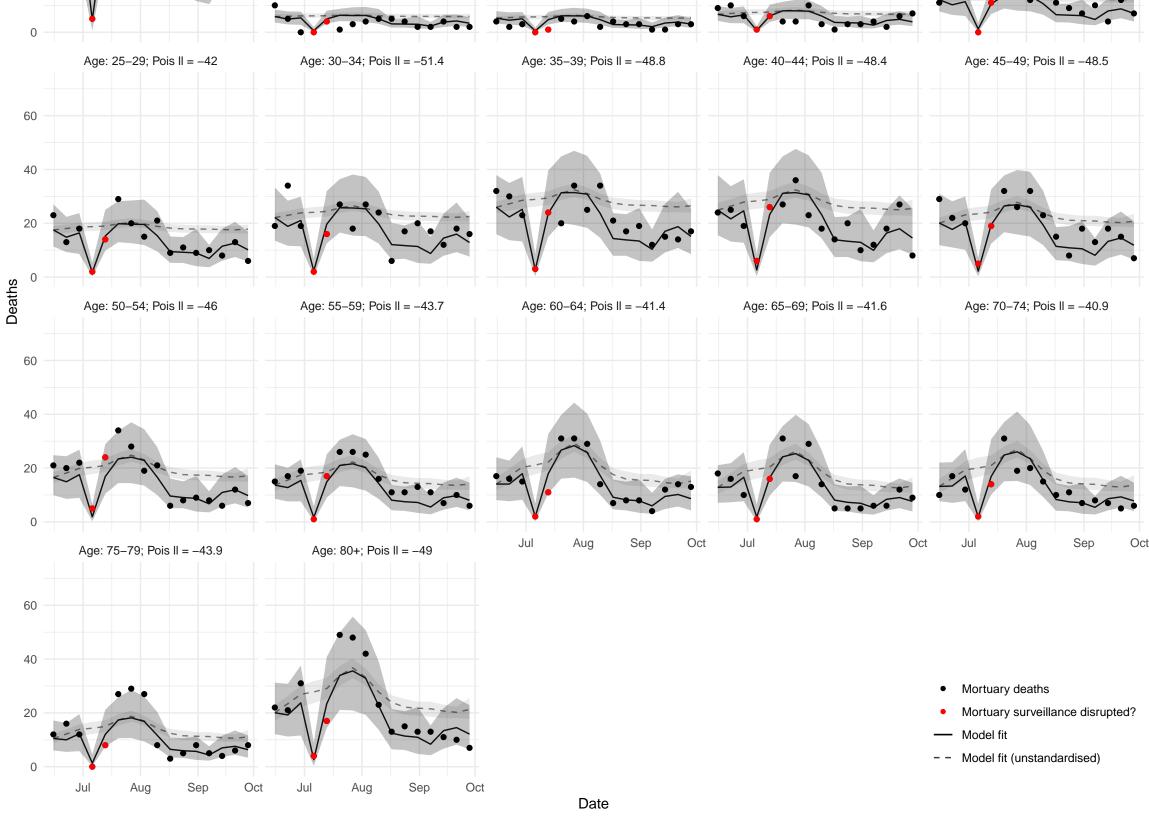
Oct Mortuary deaths Mortuary surveillance disrupted? Model fit – Model fit (unstandardised) Oct Date

IFR x 1, Slope x 1 COVID–19 excess mortality: Comparison of MCMC results with squire results

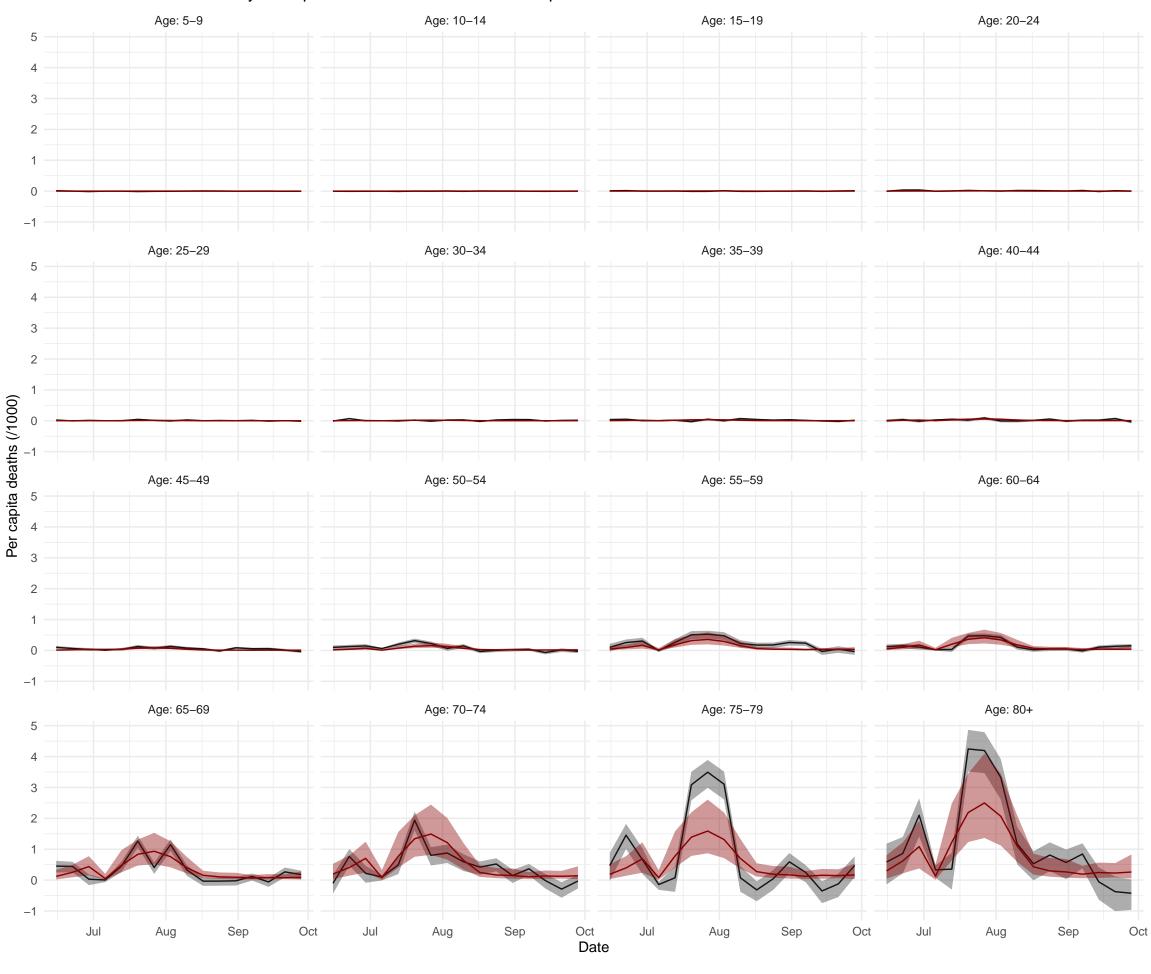


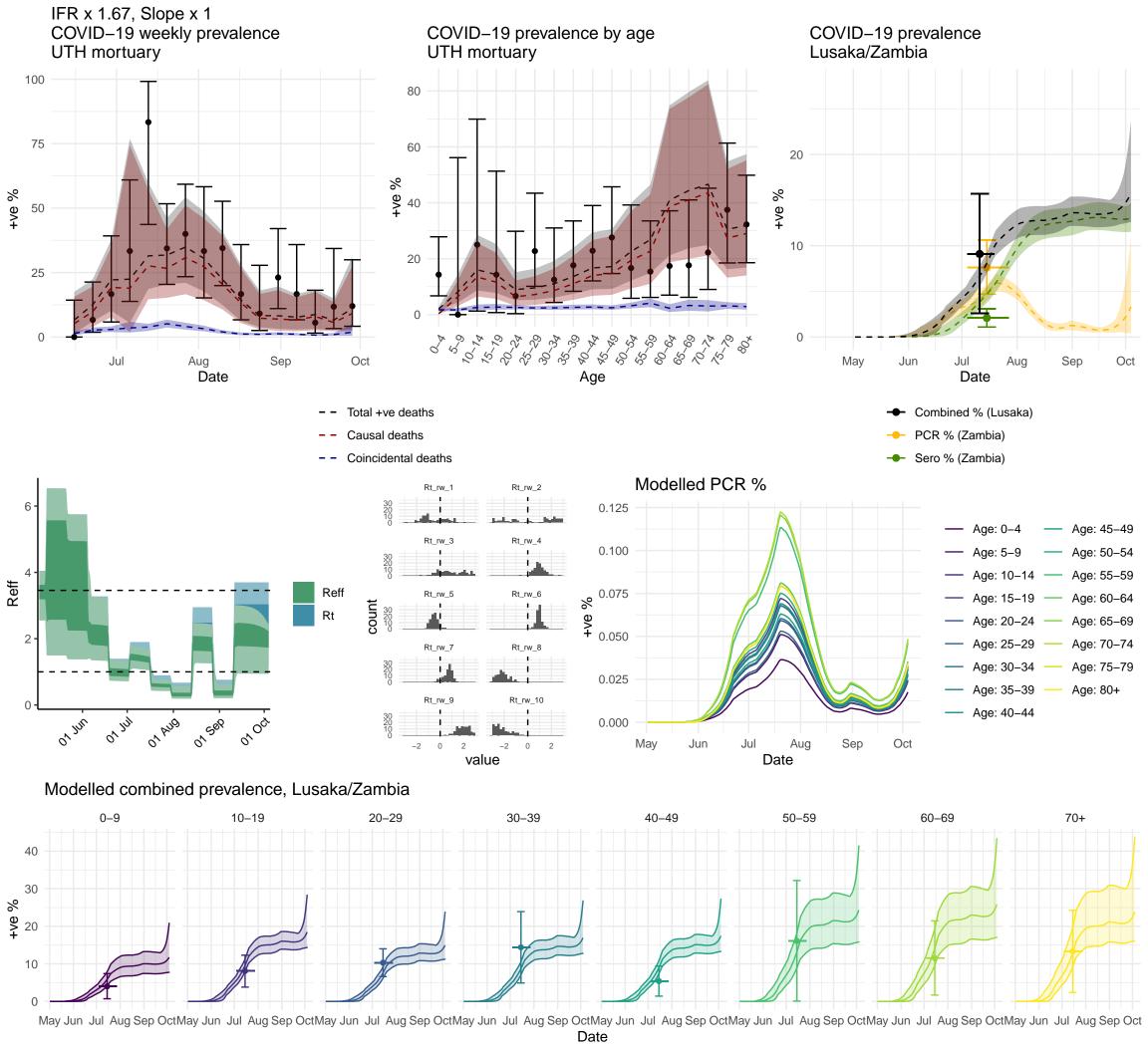


IFR x 1.25, Slope x 1 COVID-19 weekly deaths (Mortuary) Age: 0-4; Pois II = -49.8Age: 10-14; Pois II = -29.1Age: 20-24; Pois II = -45.2Age: 5–9; Pois II = -35.3Age: 15-19; Pois II = -35.360 40 20 0 Age: 25-29; Pois II = -42Age: 30-34; Pois II = -51.4Age: 35-39; Pois II = -48.8Age: 40-44; Pois II = -48.4Age: 45-49; Pois II = -48.5Age: 50-54; Pois II = -46Age: 55-59; Pois II = -43.7Age: 60-64; Pois II = -41.4Age: 65-69; Pois II = -41.6Age: 70-74; Pois II = -40.90

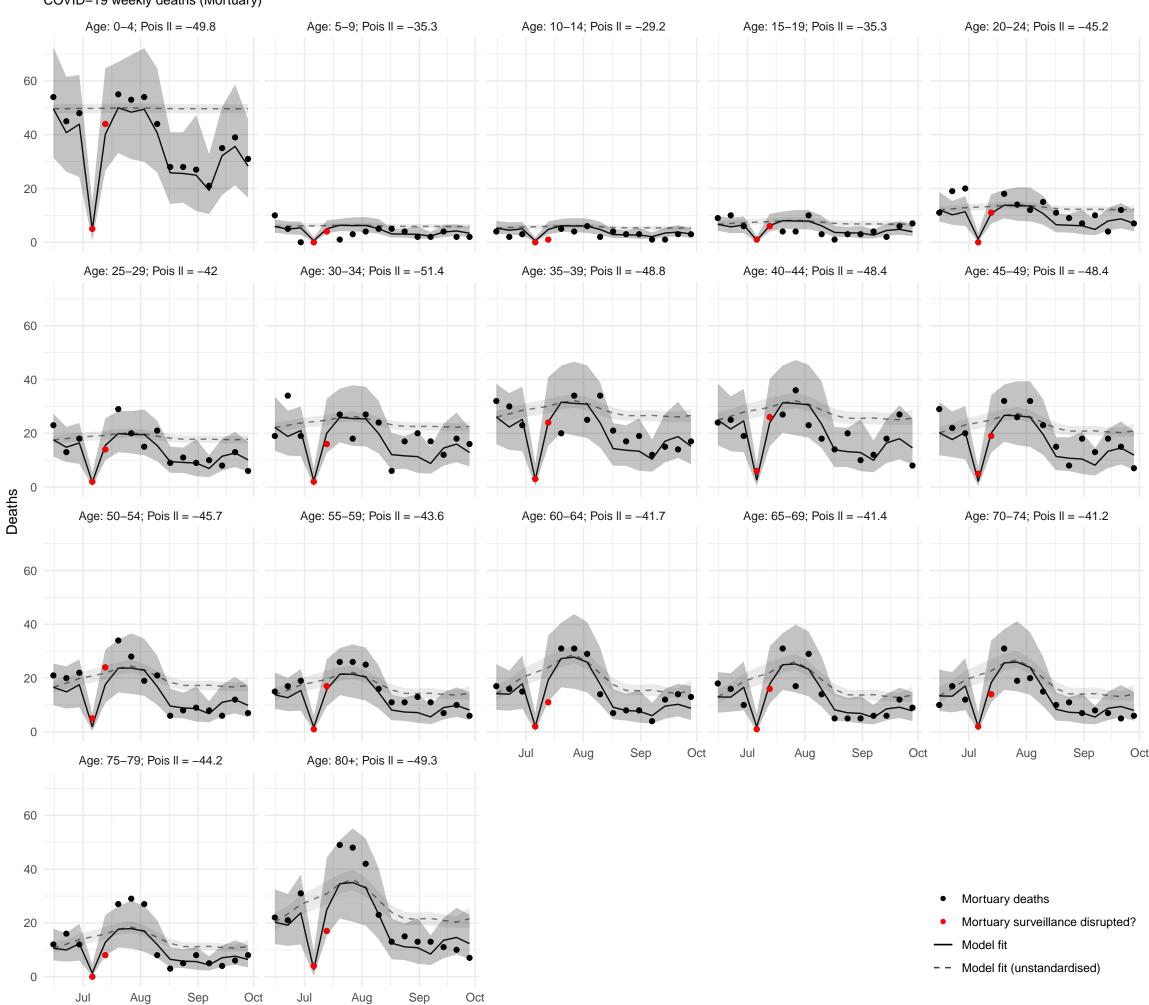


IFR x 1.25, Slope x 1 COVID–19 excess mortality: Comparison of MCMC results with squire results

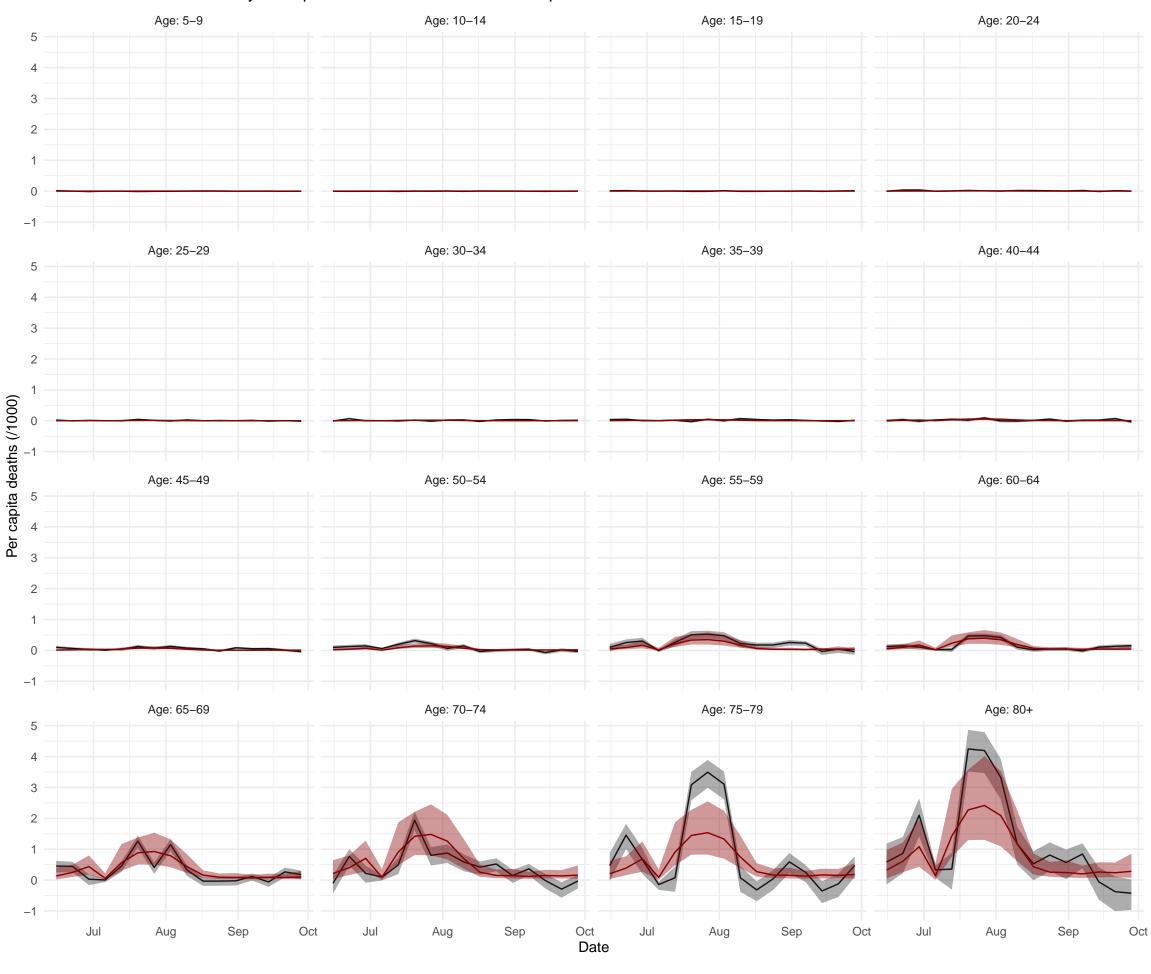


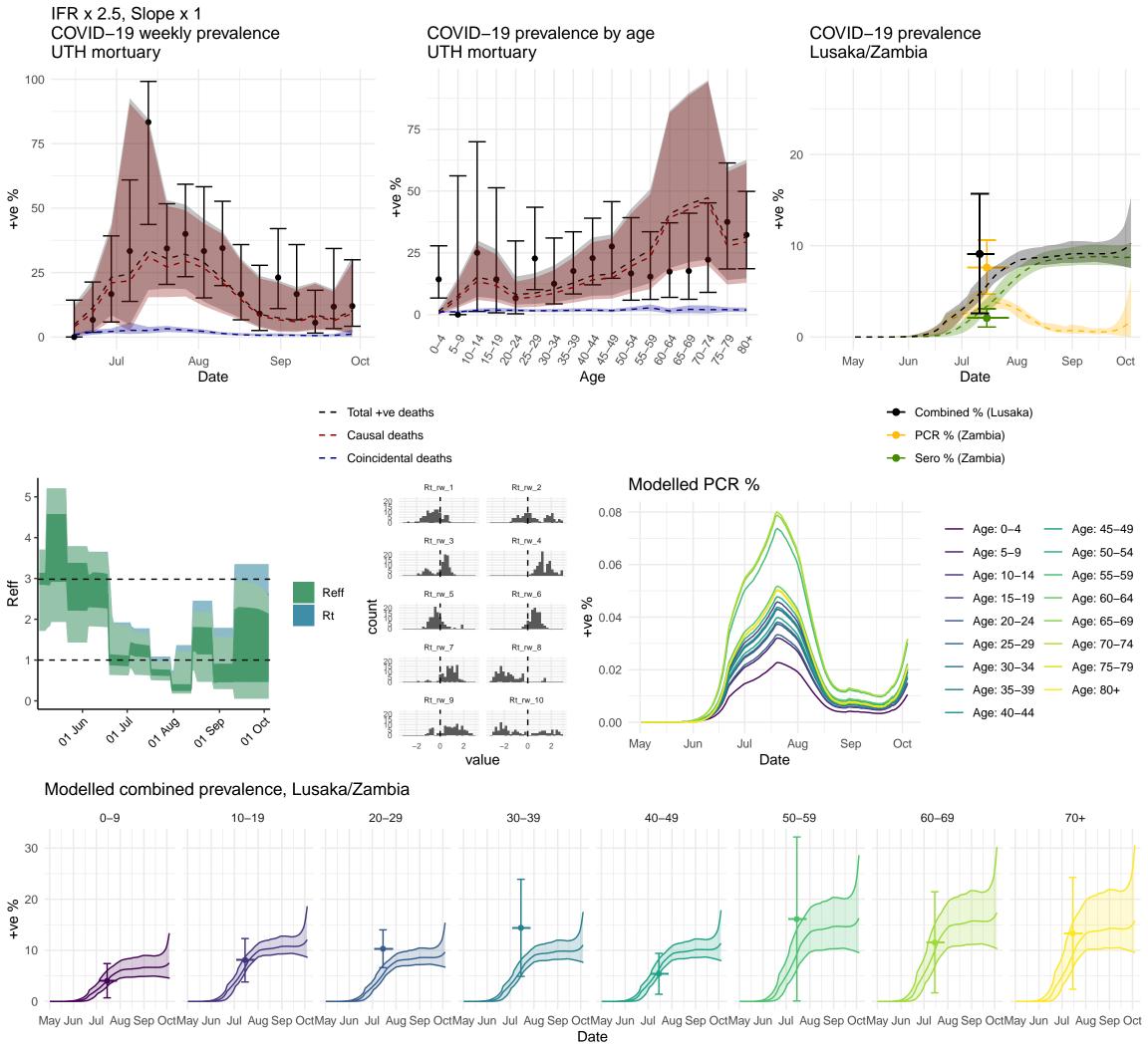


IFR x 1.67, Slope x 1 COVID–19 weekly deaths (Mortuary)

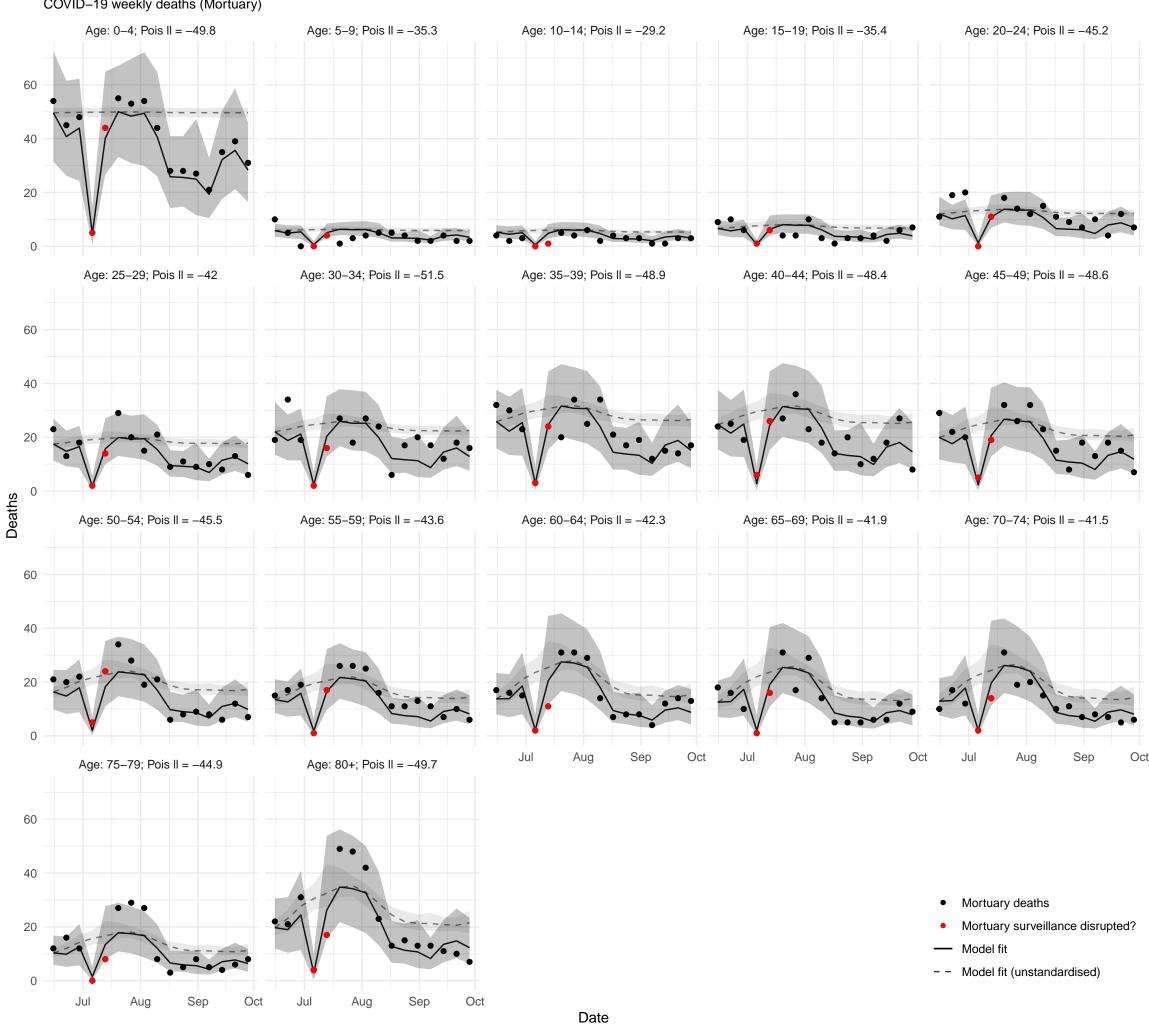


IFR x 1.67, Slope x 1 COVID–19 excess mortality: Comparison of MCMC results with squire results

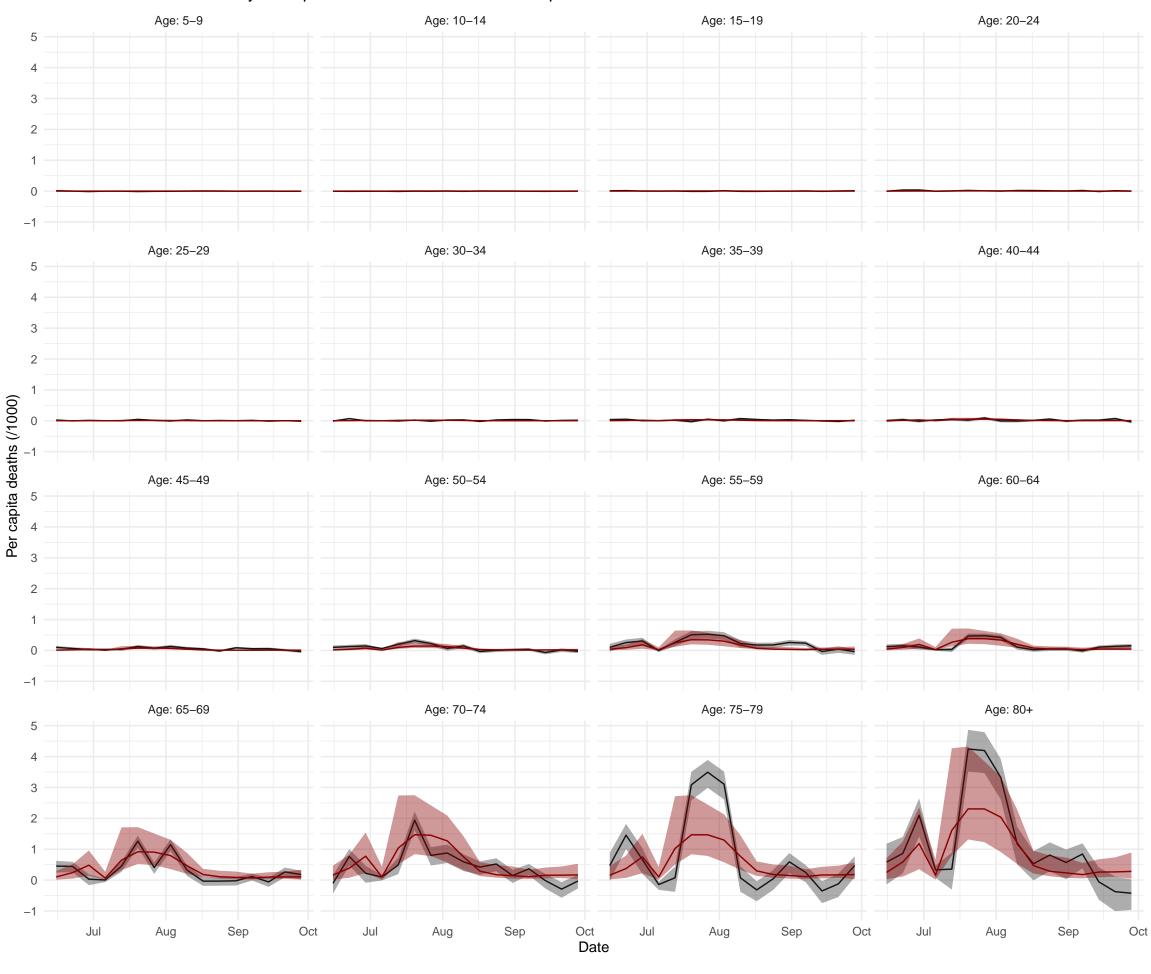


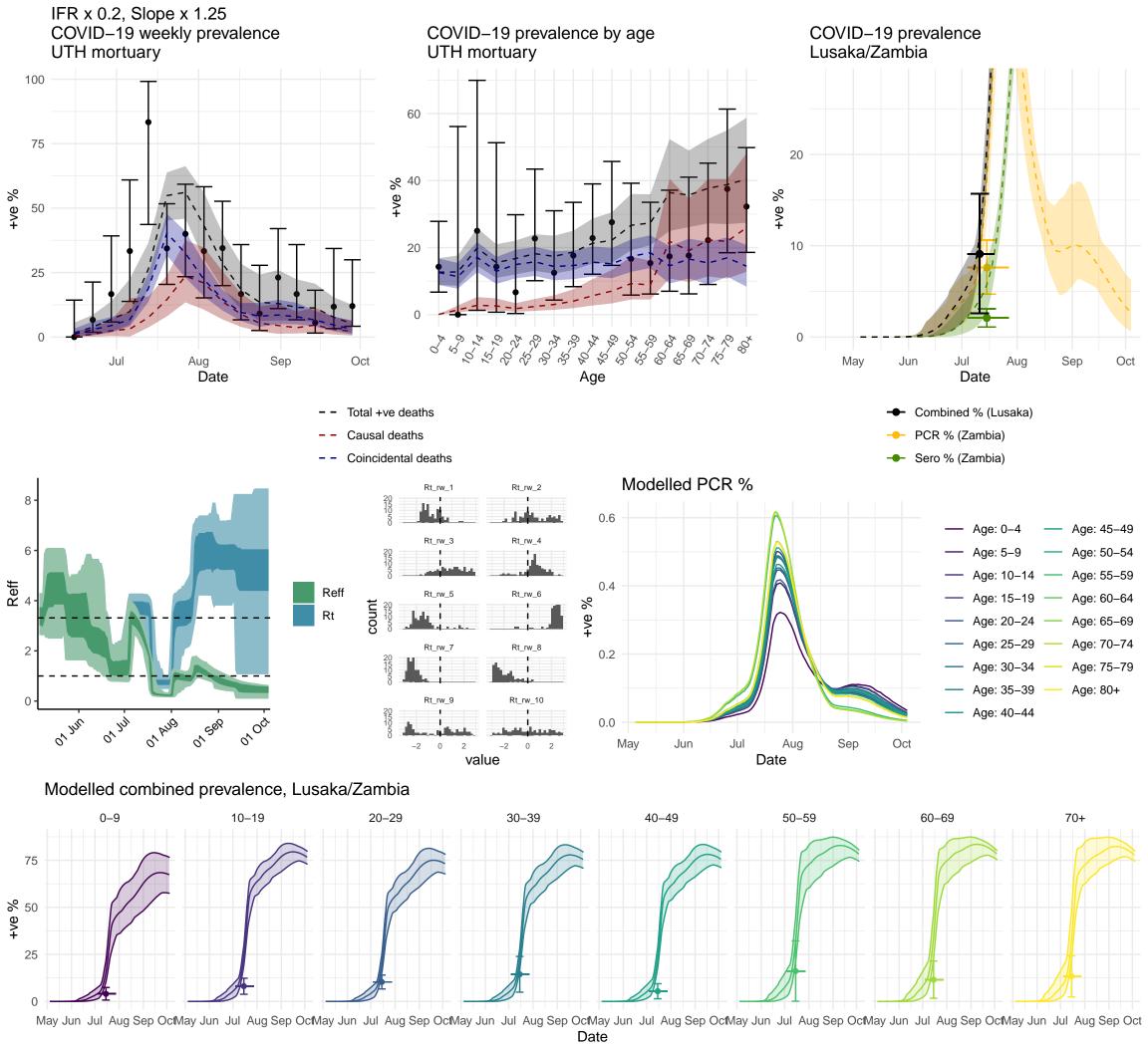


IFR x 2.5, Slope x 1 COVID–19 weekly deaths (Mortuary)

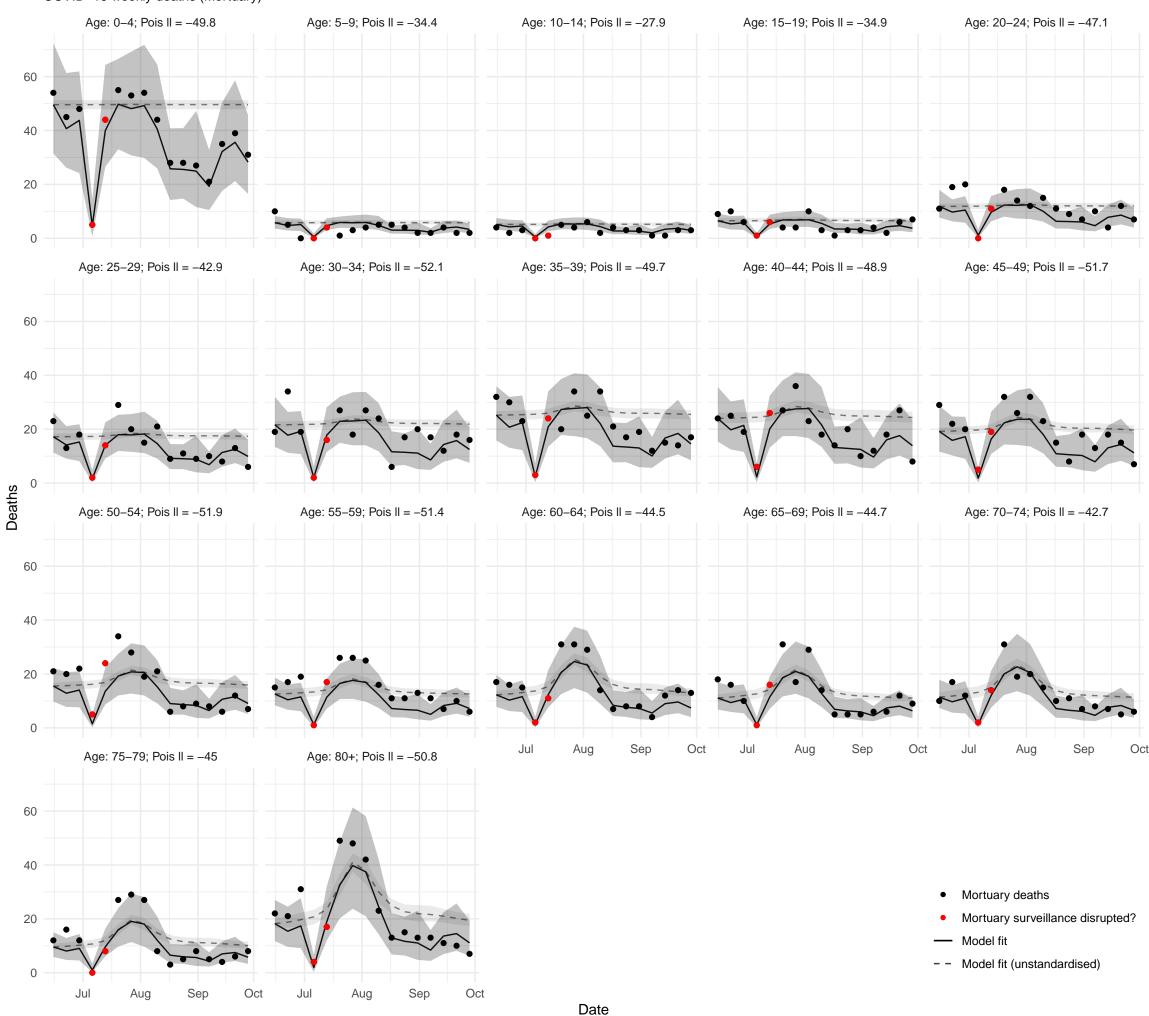


IFR x 2.5, Slope x 1 COVID–19 excess mortality: Comparison of MCMC results with squire results

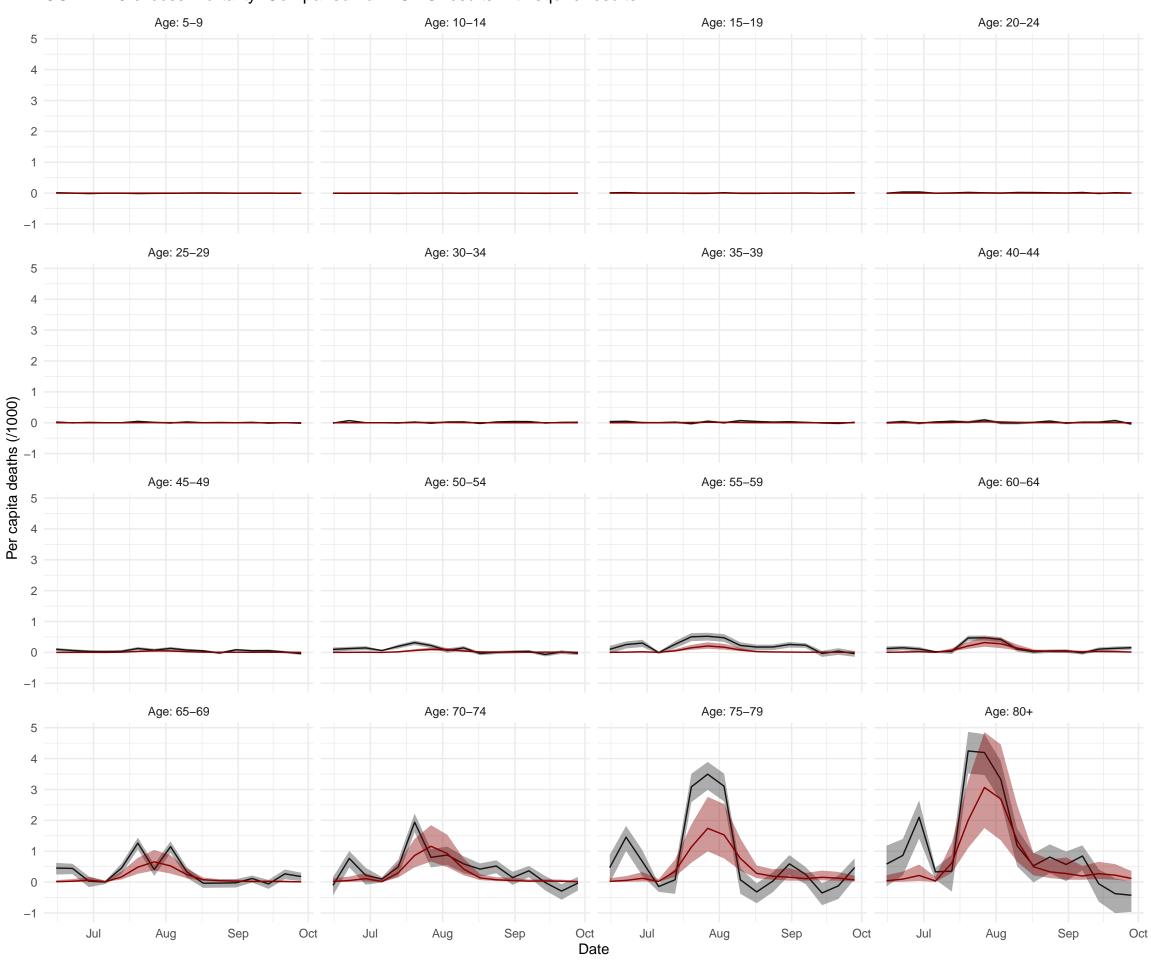


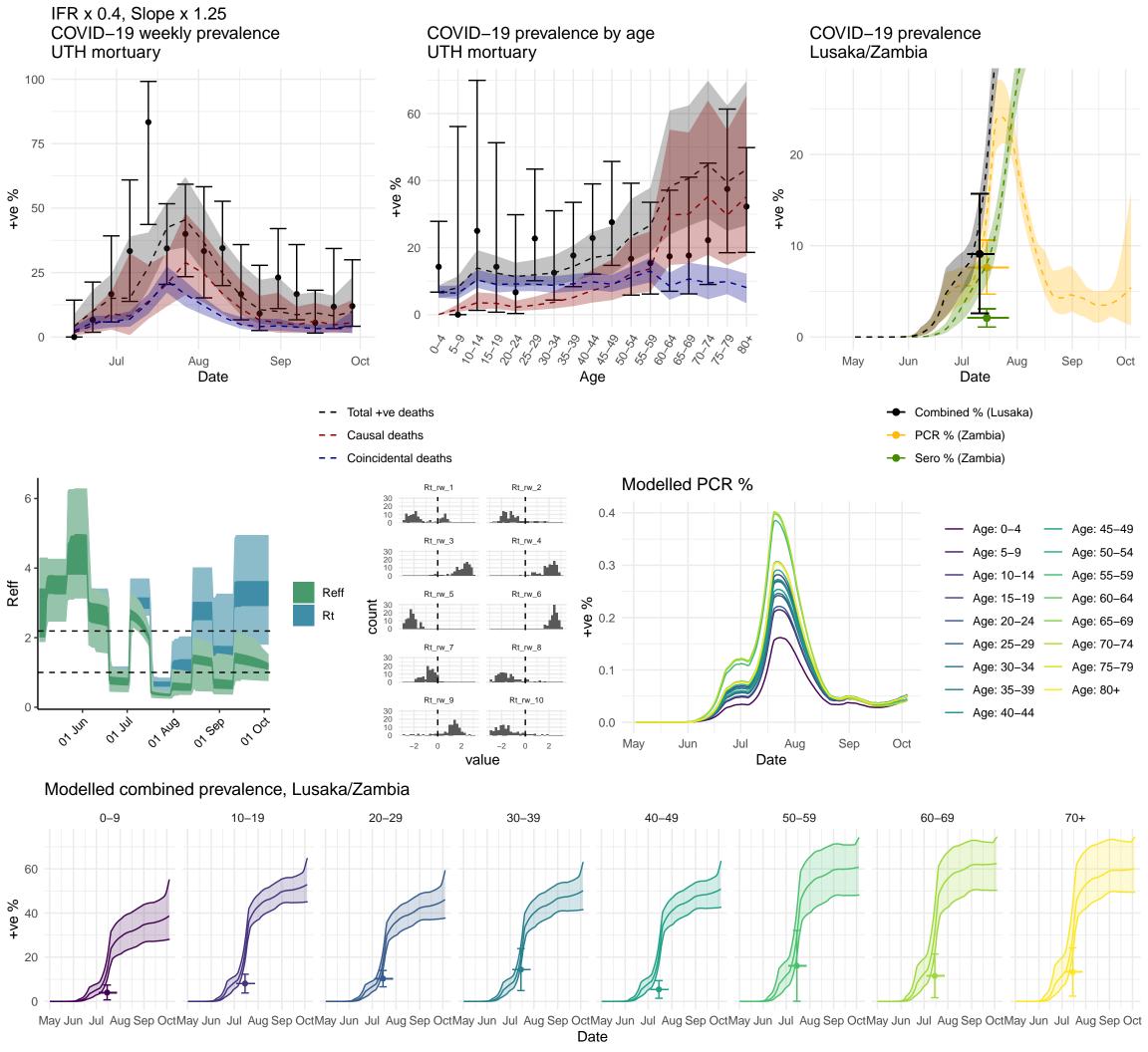


IFR x 0.2, Slope x 1.25 COVID–19 weekly deaths (Mortuary)

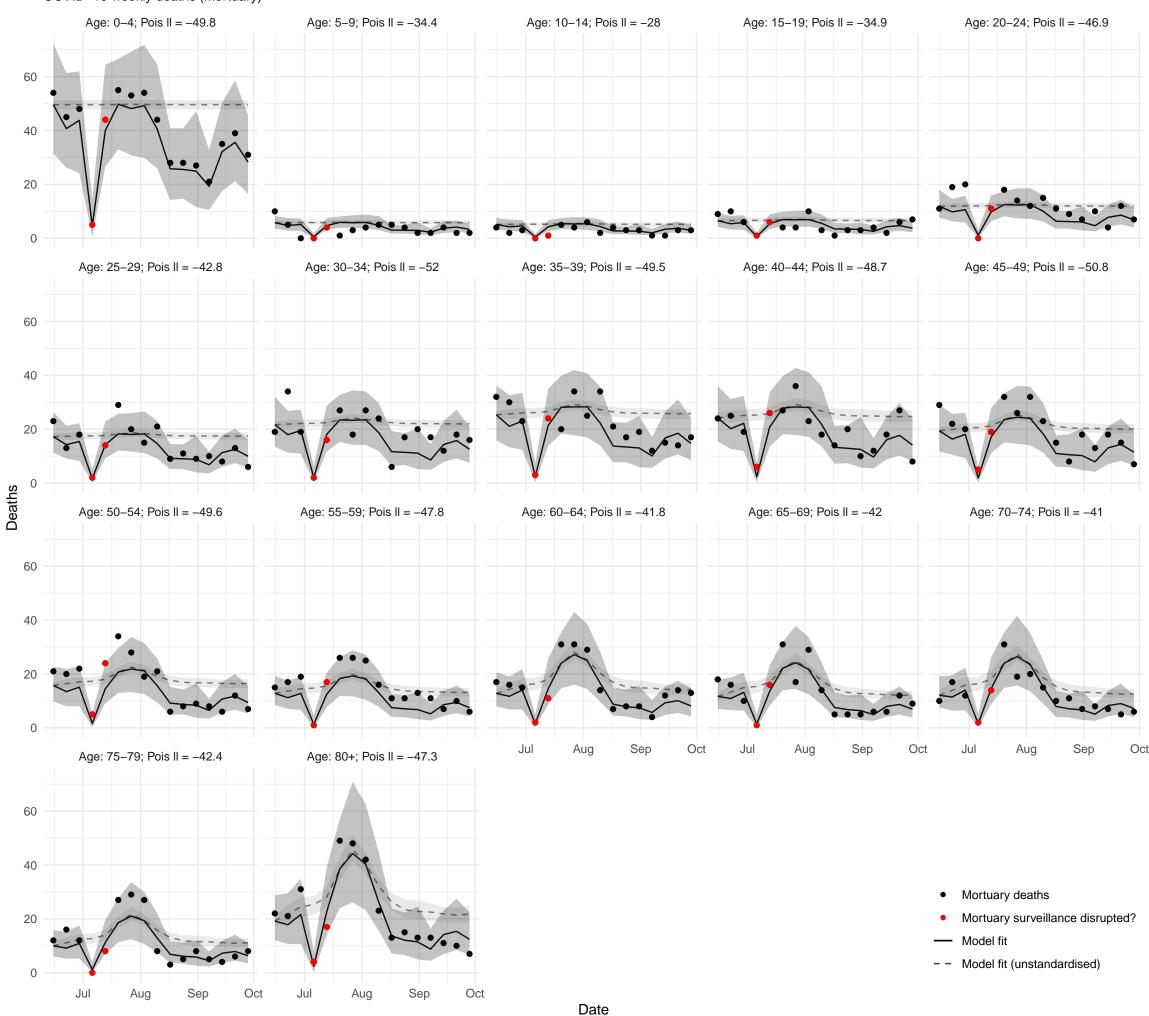


IFR x 0.2, Slope x 1.25 COVID–19 excess mortality: Comparison of MCMC results with squire results

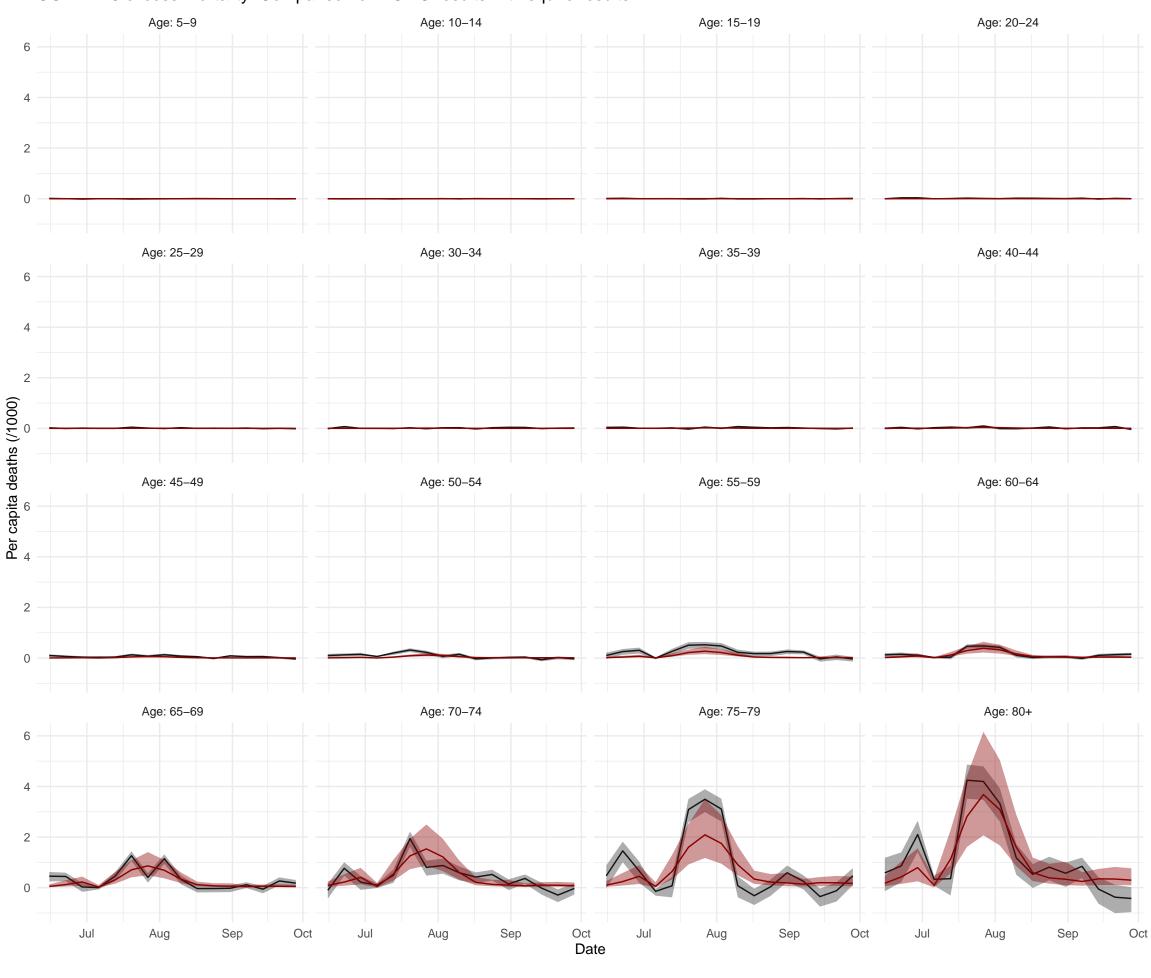


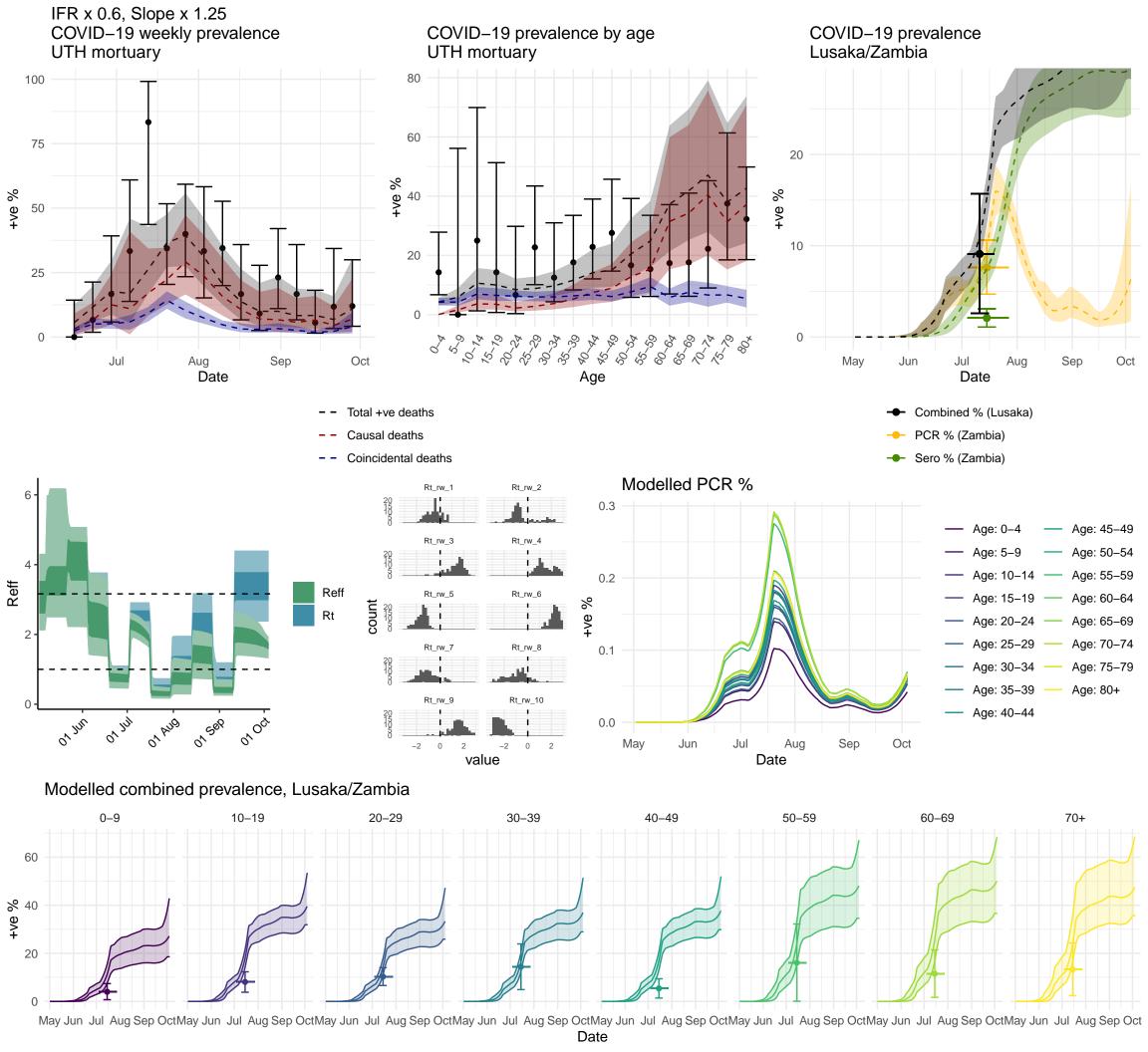


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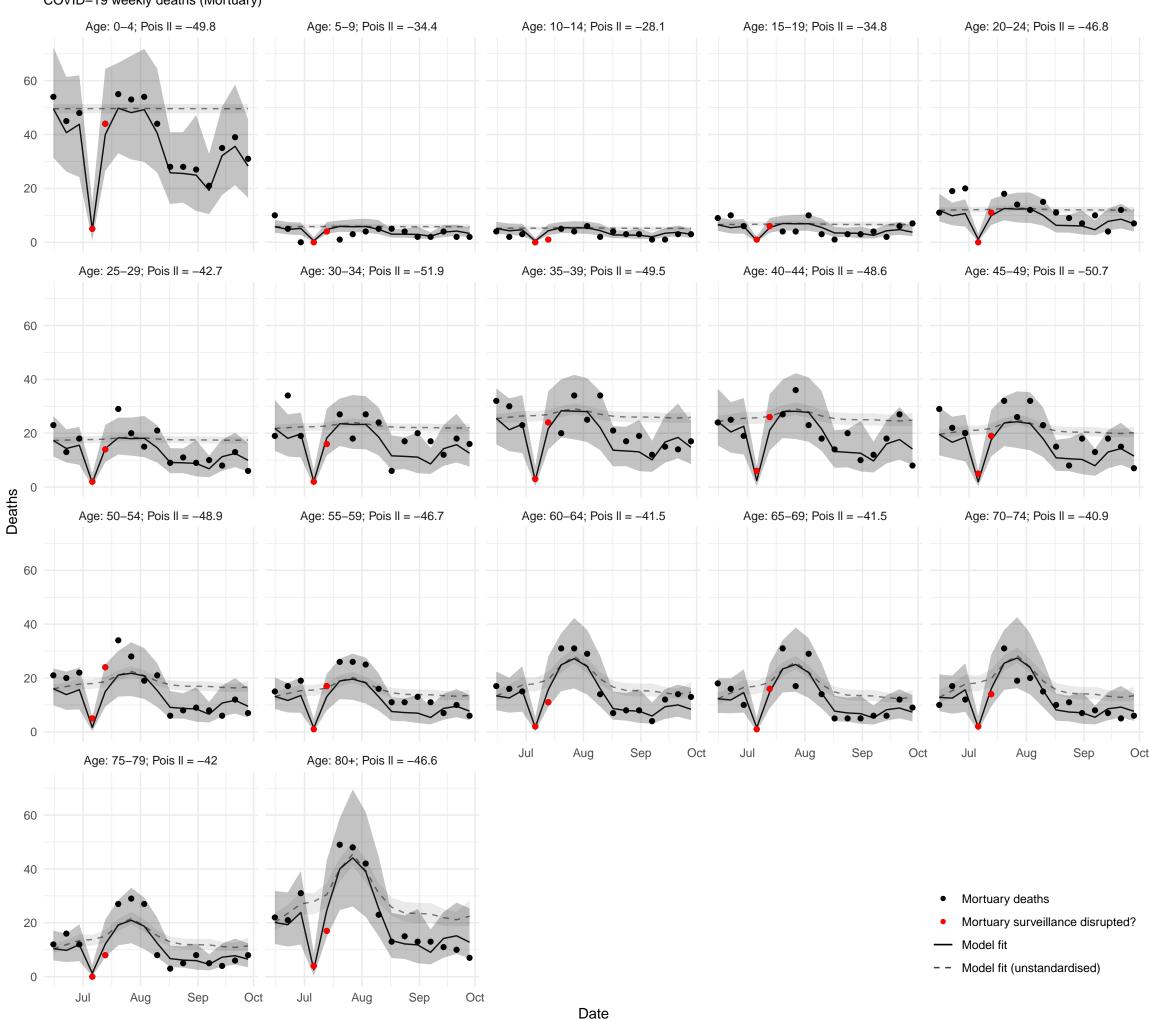


IFR x 0.4, Slope x 1.25 COVID–19 excess mortality: Comparison of MCMC results with squire results

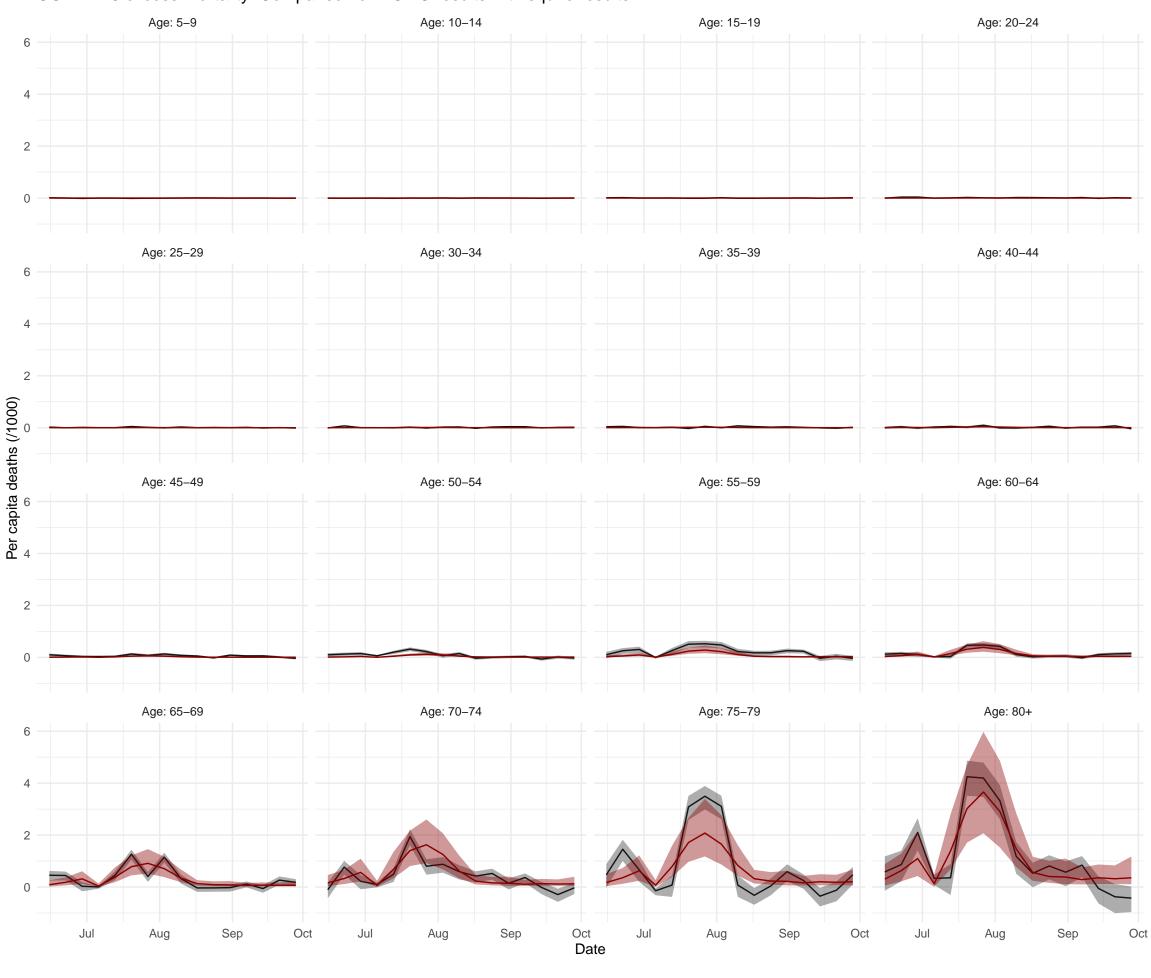


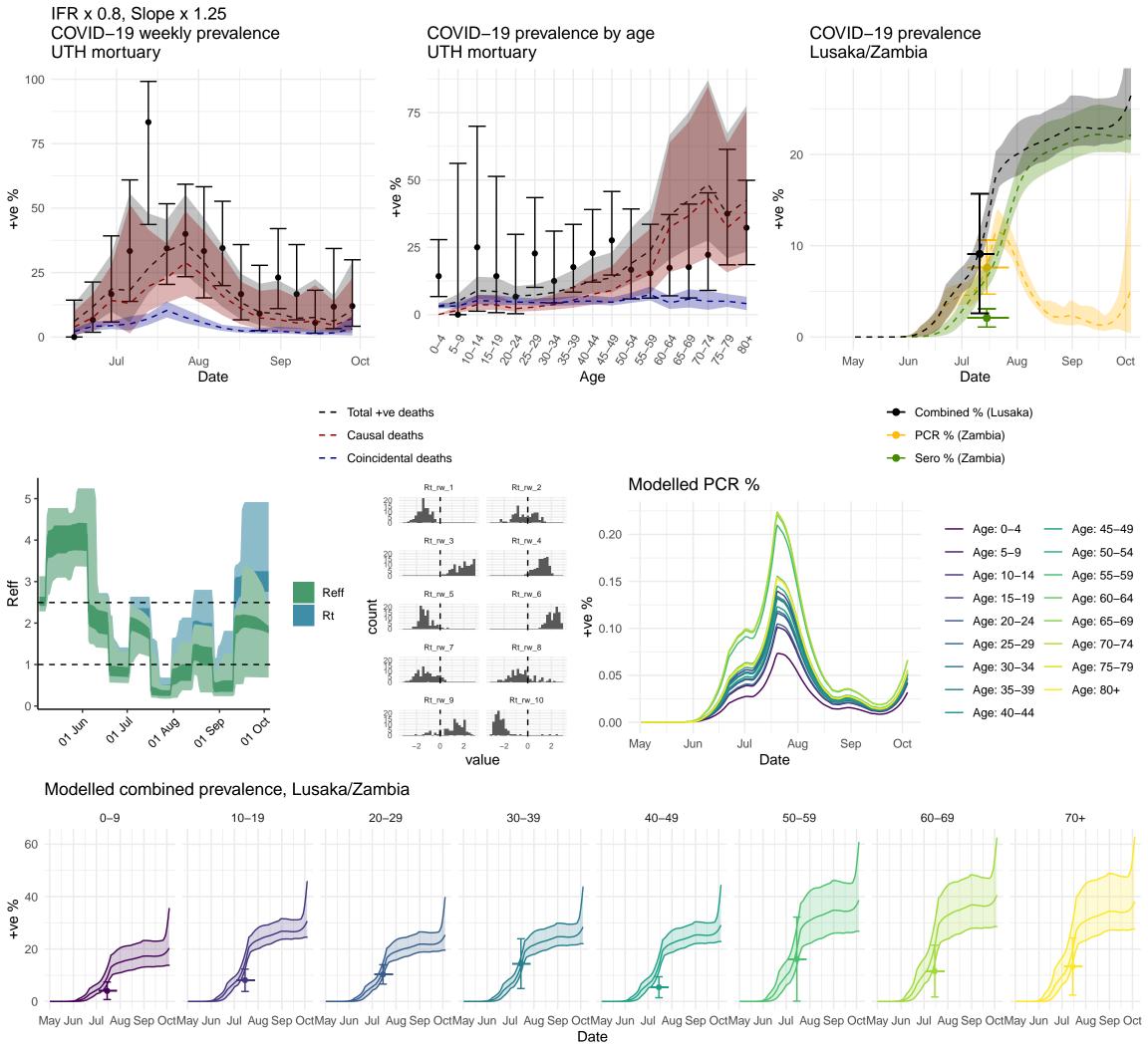


IFR x 0.6, Slope x 1.25 COVID–19 weekly deaths (Mortuary)

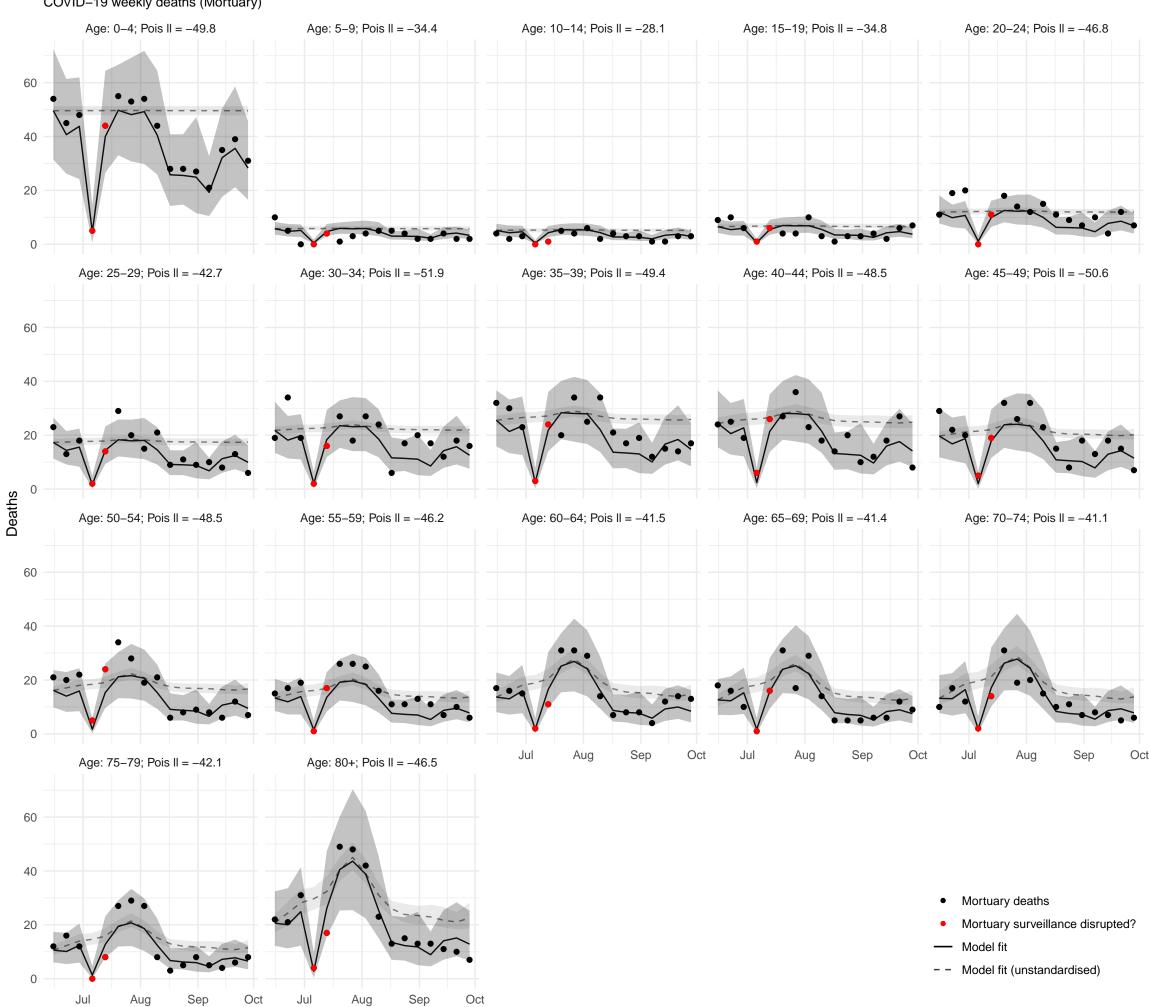


IFR x 0.6, Slope x 1.25 COVID–19 excess mortality: Comparison of MCMC results with squire results

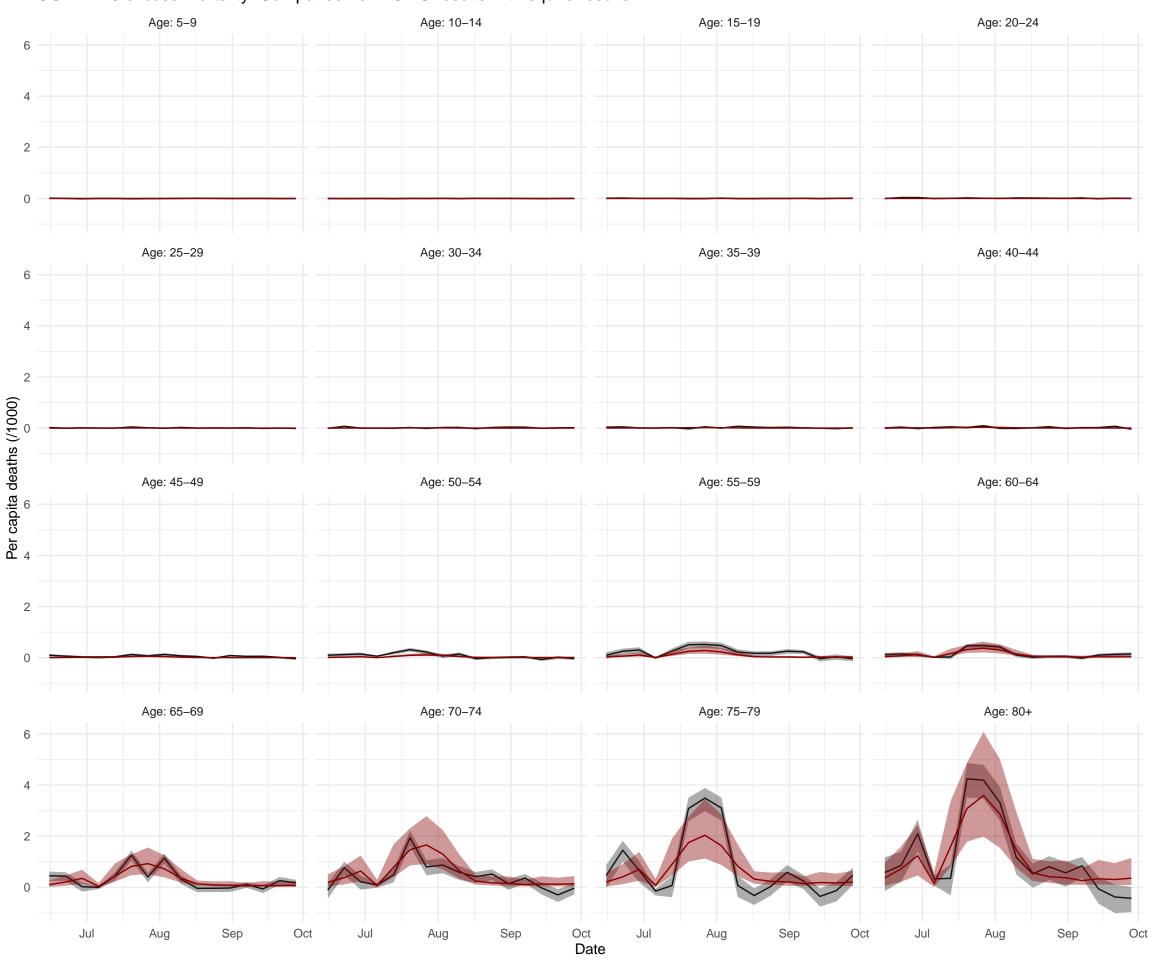


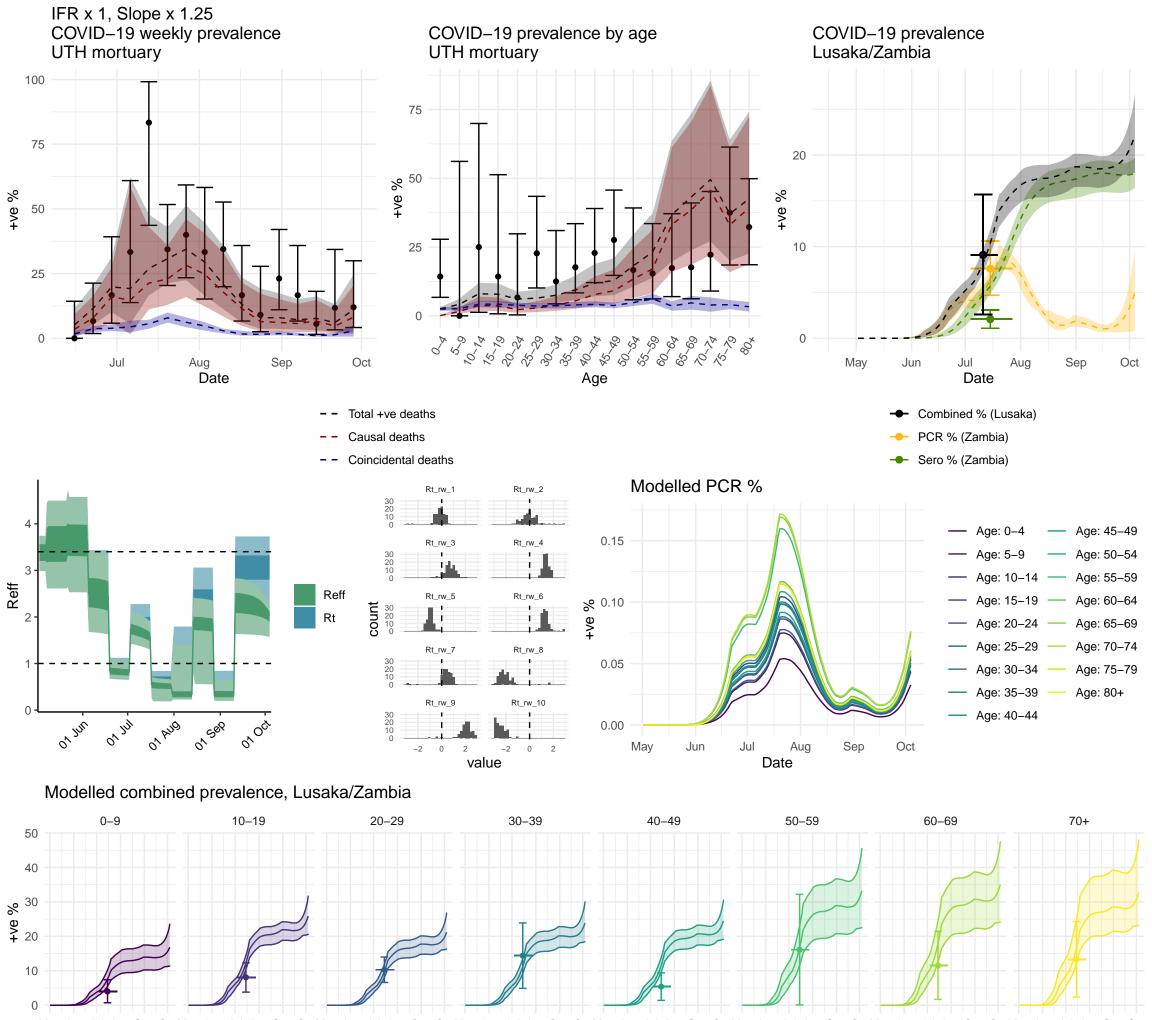


IFR x 0.8, Slope x 1.25 COVID–19 weekly deaths (Mortuary)

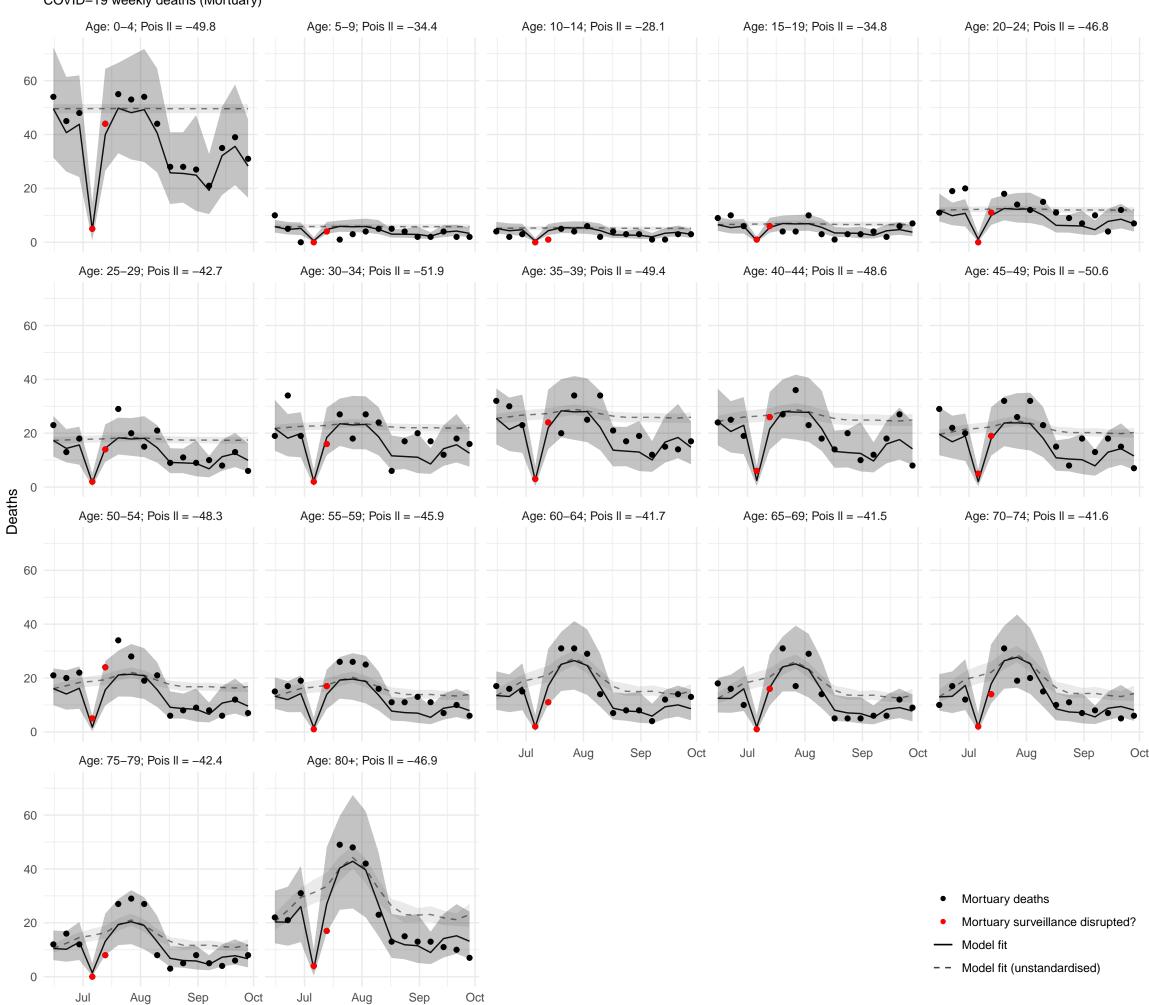


IFR x 0.8, Slope x 1.25 COVID–19 excess mortality: Comparison of MCMC results with squire results

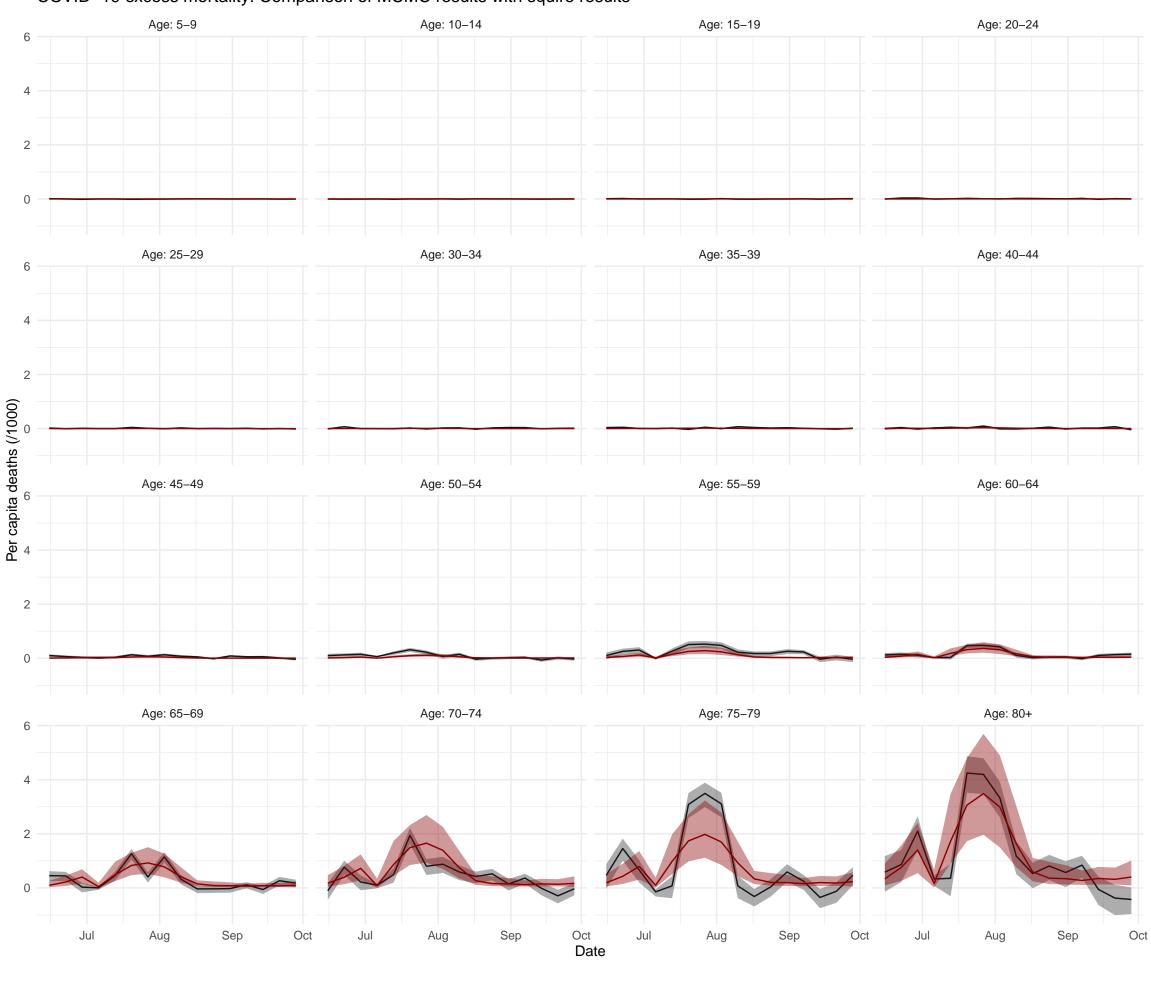


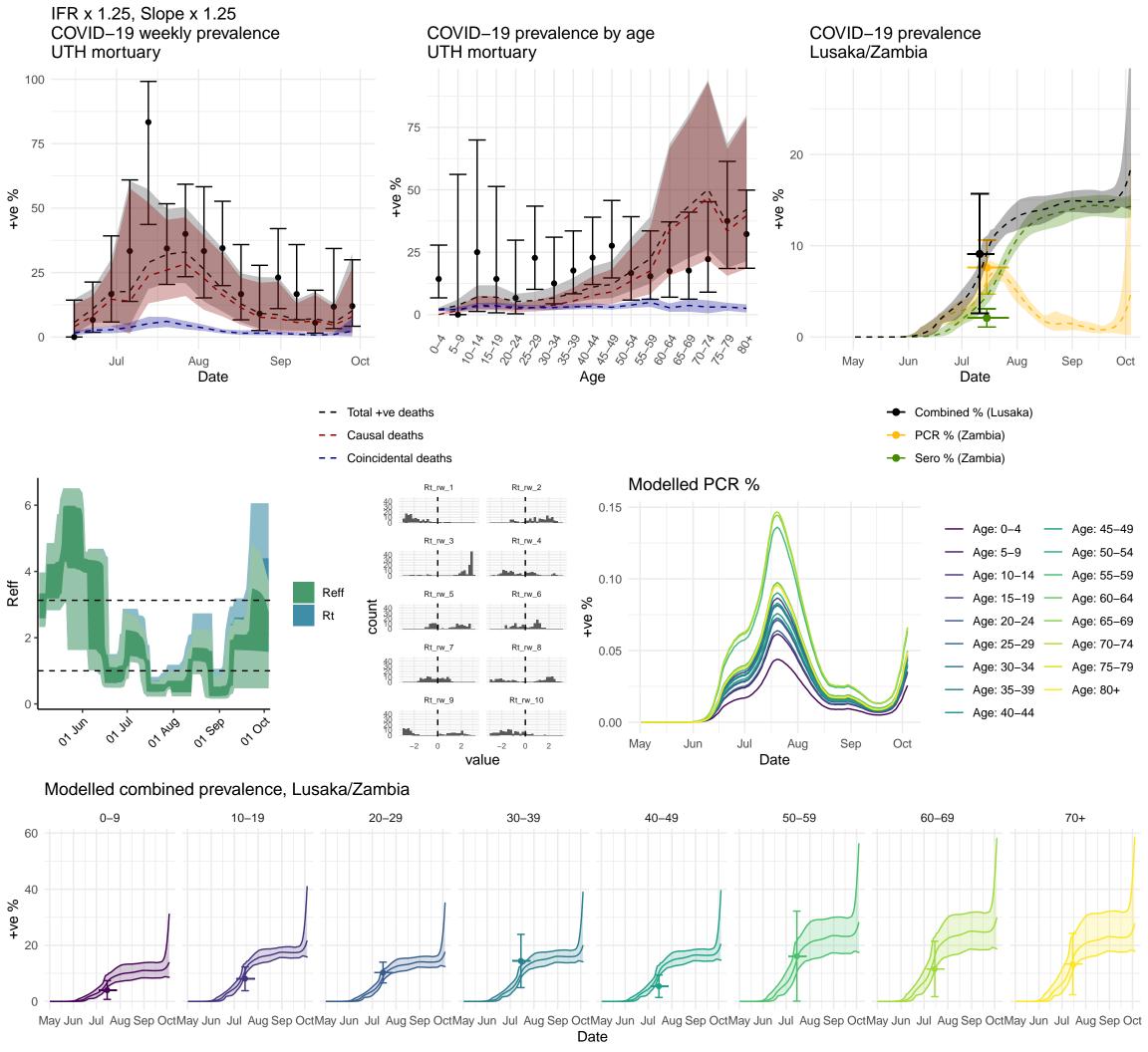


IFR x 1, Slope x 1.25 COVID–19 weekly deaths (Mortuary)

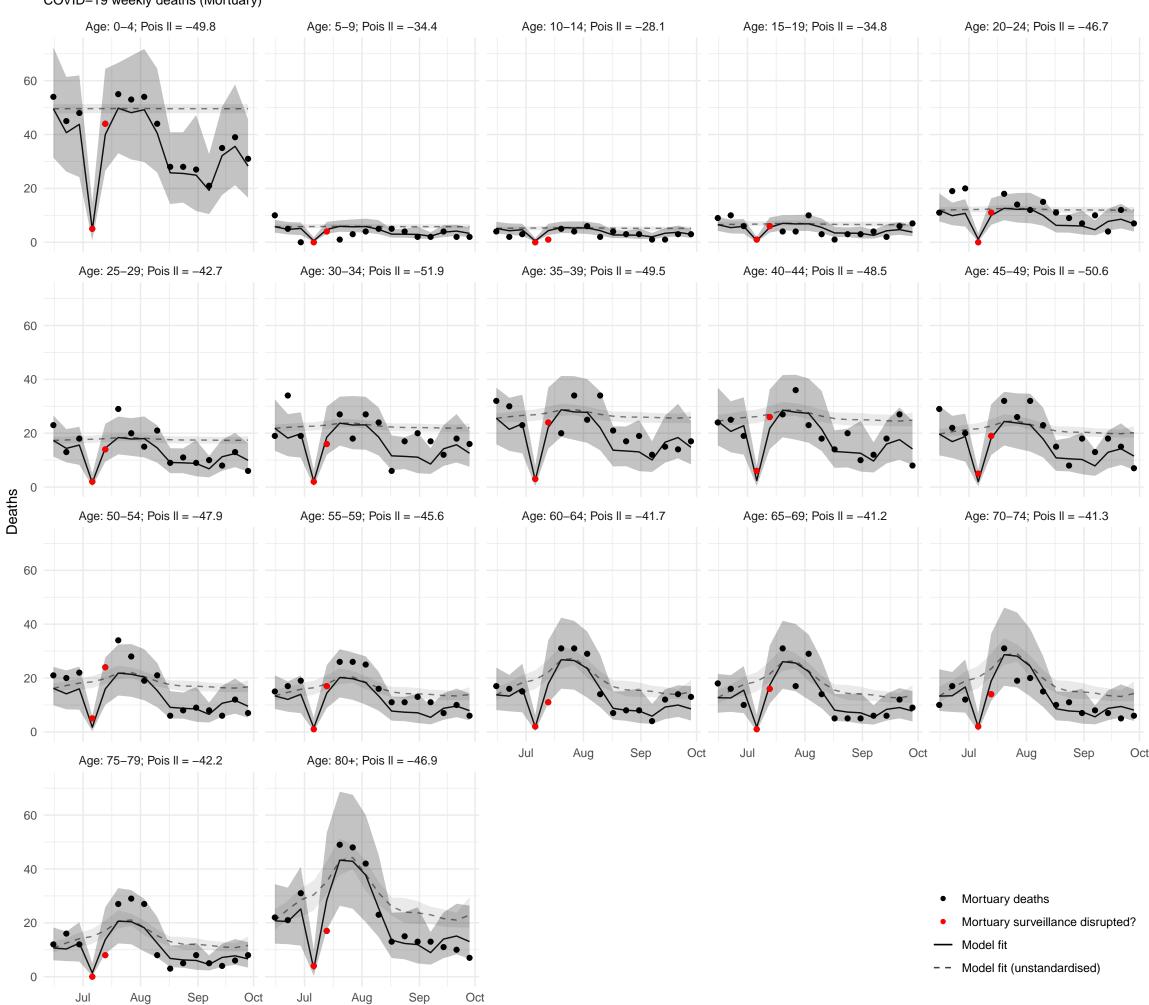


IFR x 1, Slope x 1.25 COVID–19 excess mortality: Comparison of MCMC results with squire results

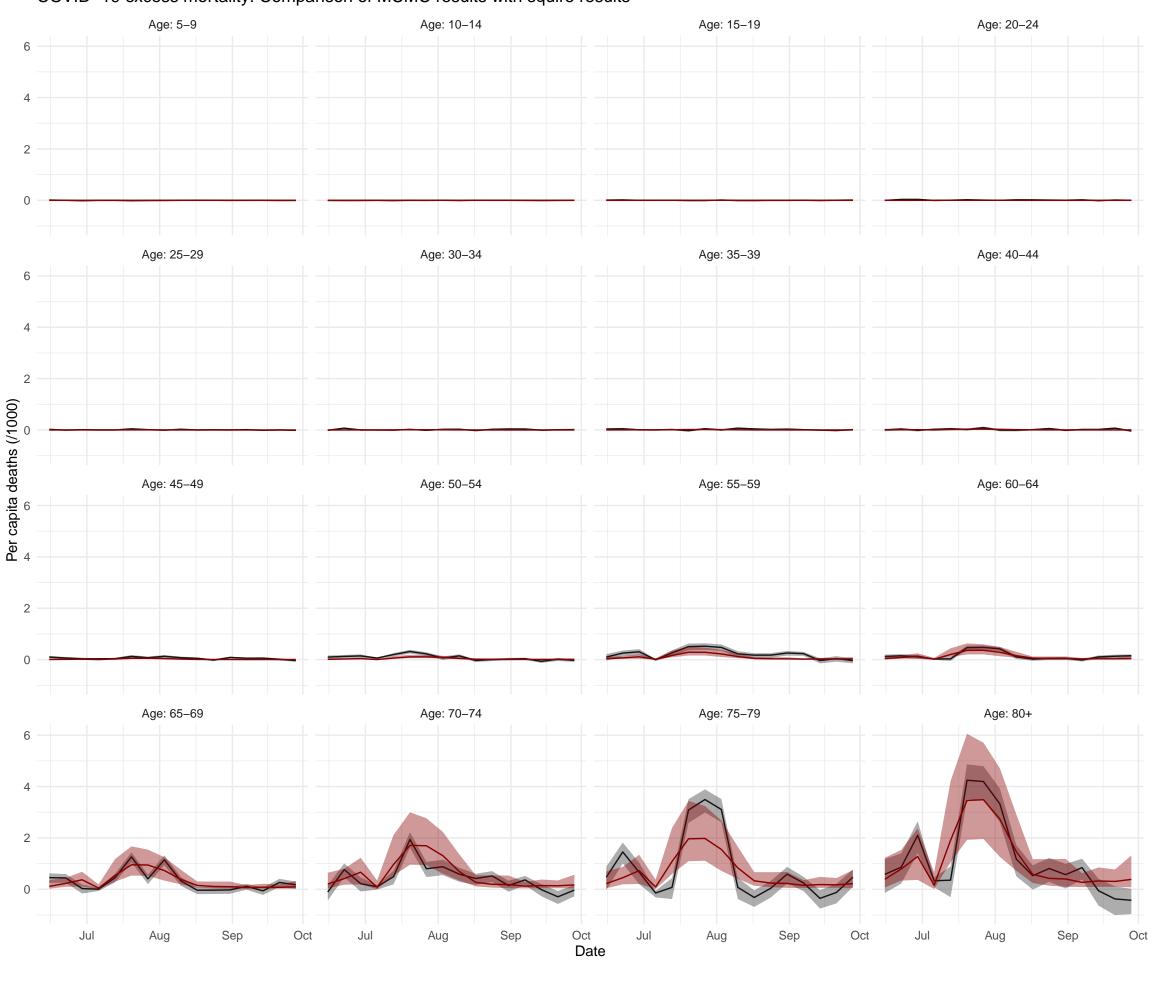


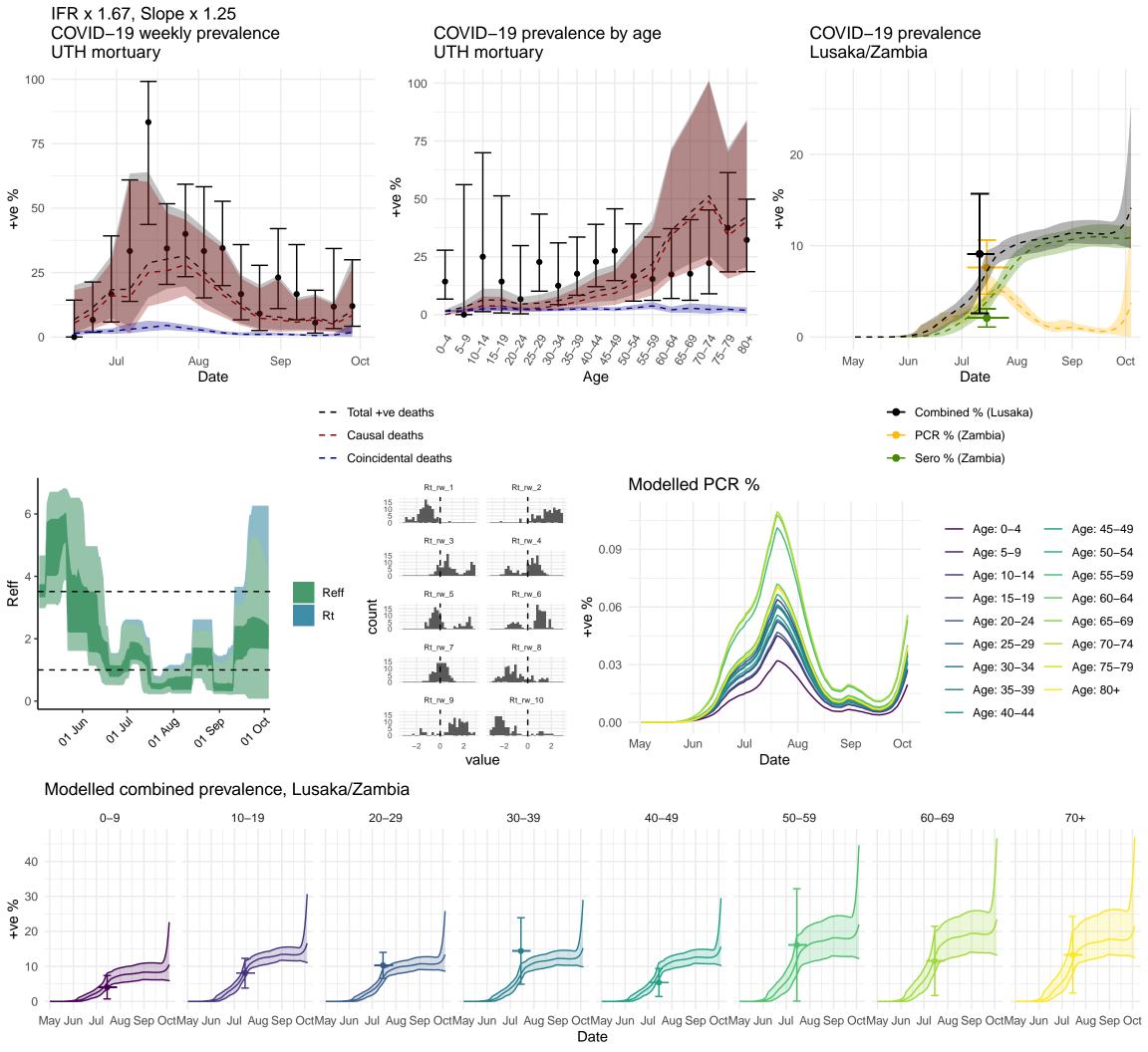


IFR x 1.25, Slope x 1.25 COVID–19 weekly deaths (Mortuary)

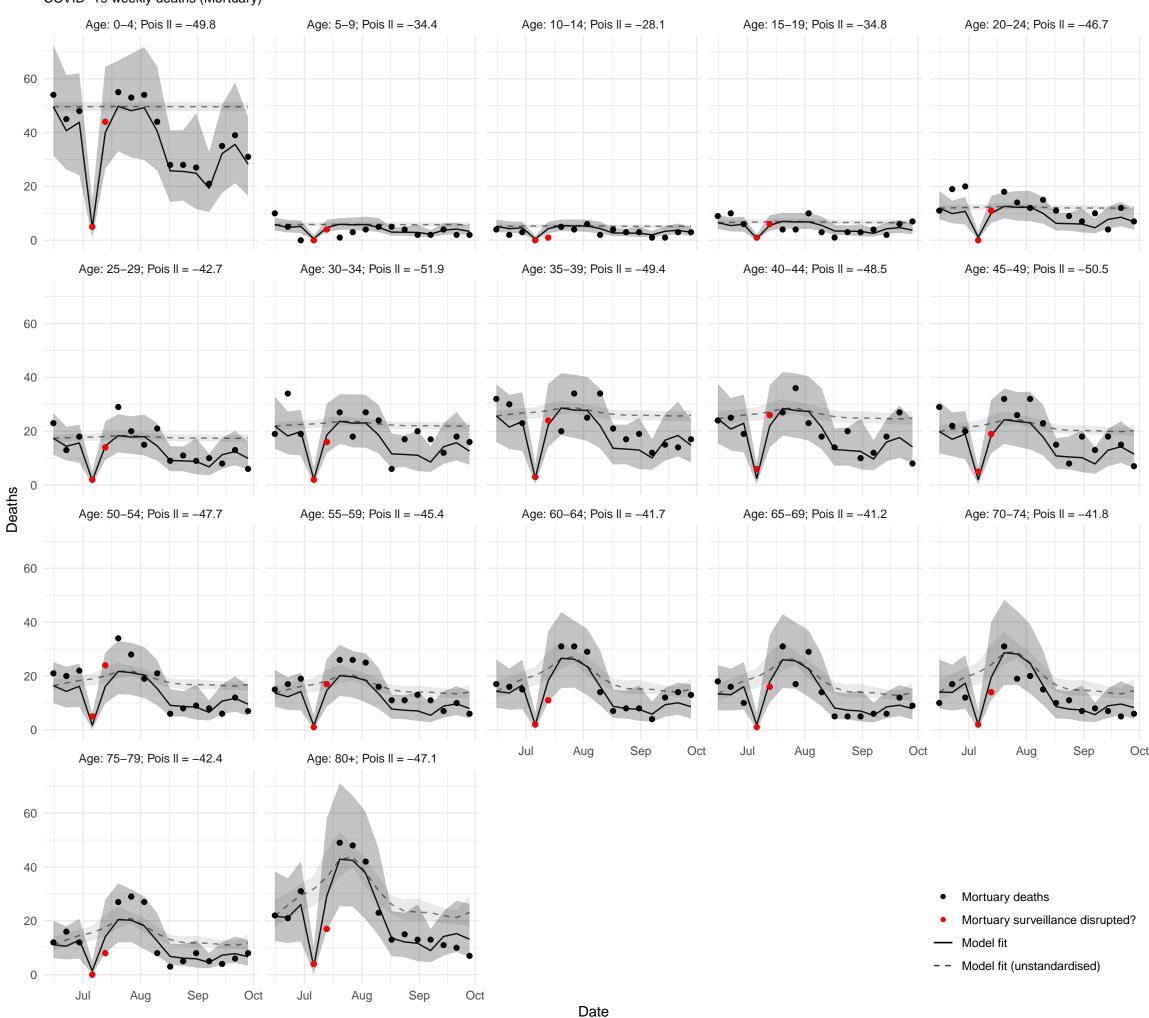


IFR x 1.25, Slope x 1.25 COVID–19 excess mortality: Comparison of MCMC results with squire results





IFR x 1.67, Slope x 1.25 COVID–19 weekly deaths (Mortuary)



IFR x 1.67, Slope x 1.25 COVID–19 excess mortality: Comparison of MCMC results with squire results

