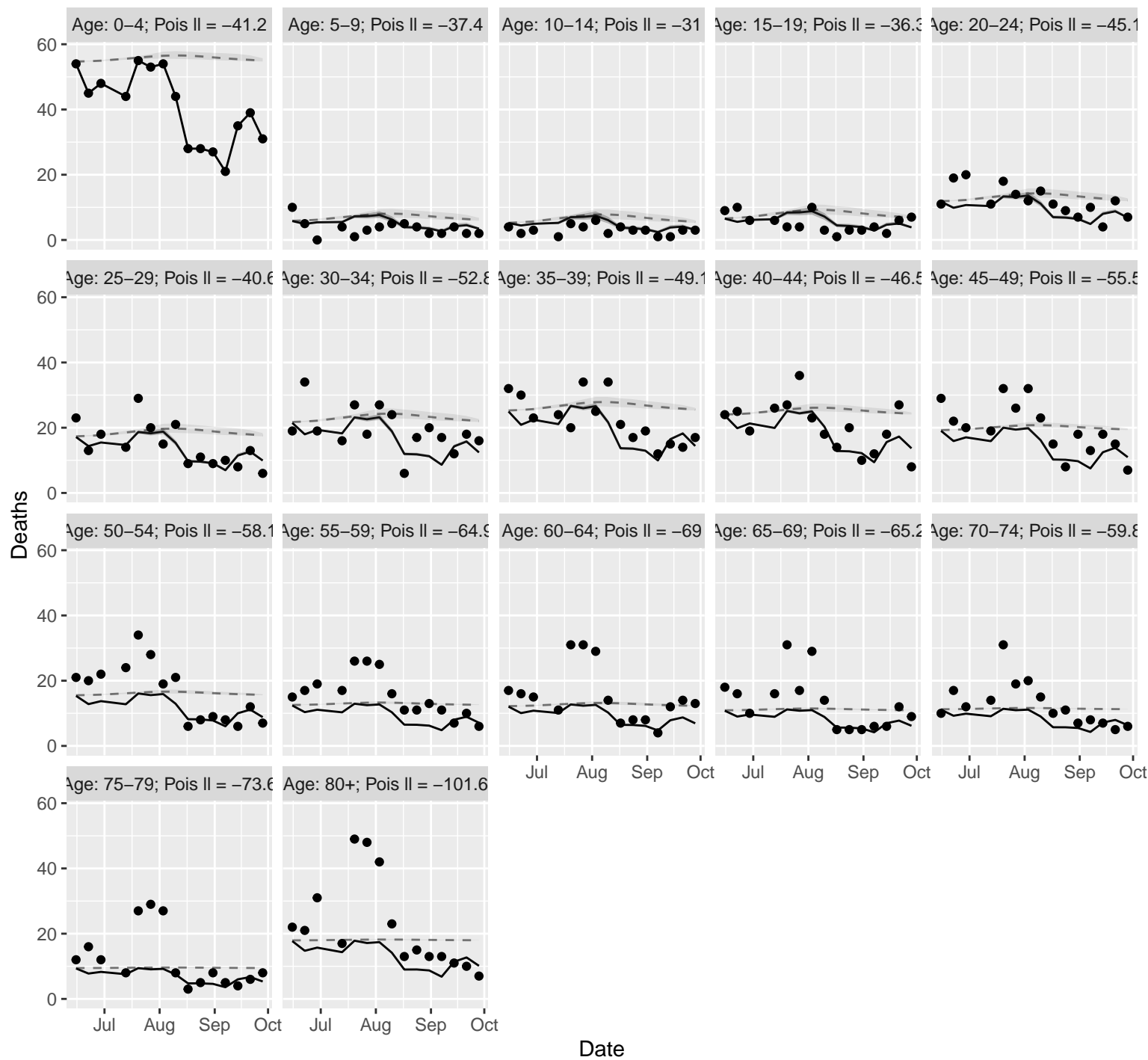
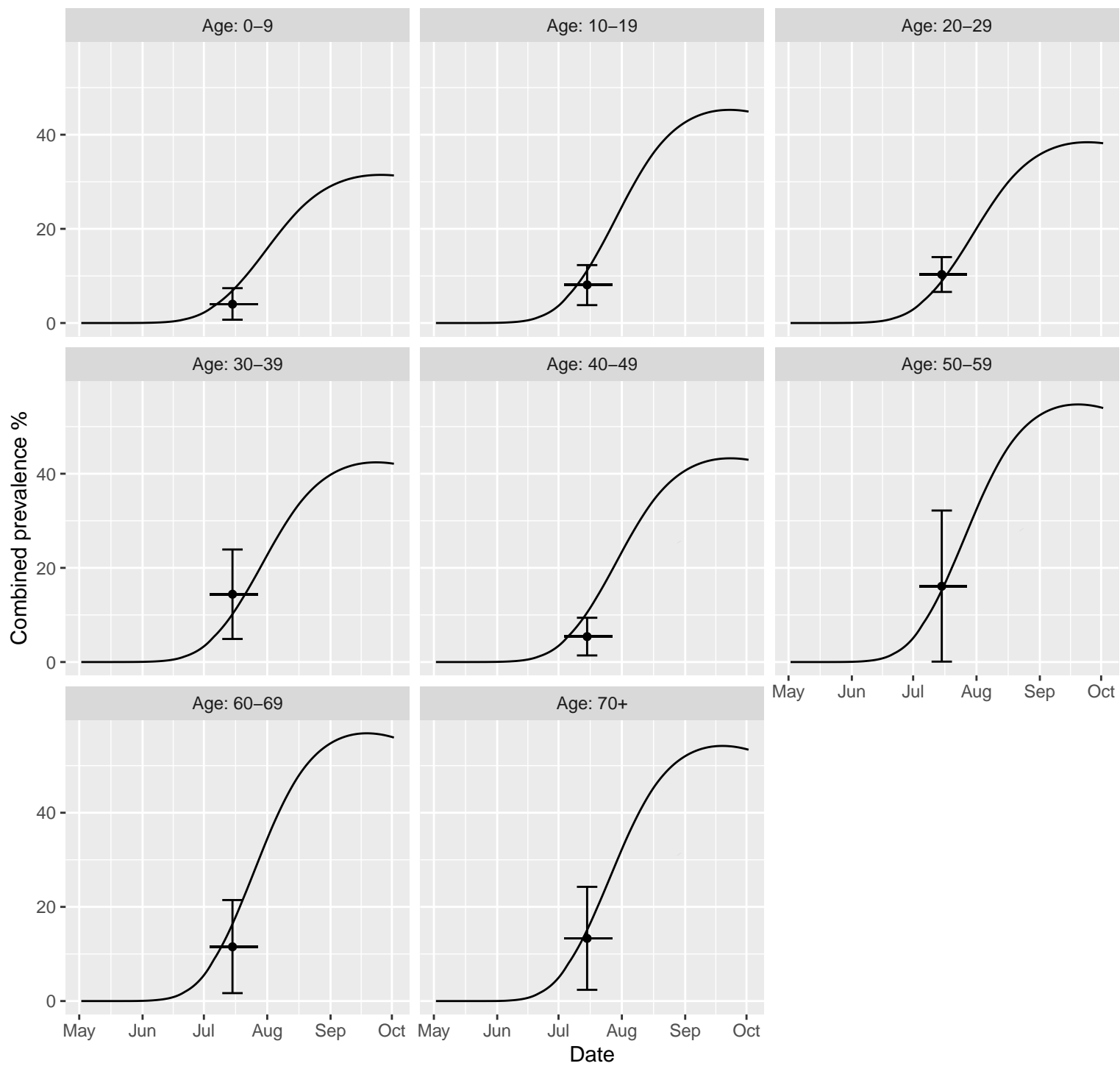


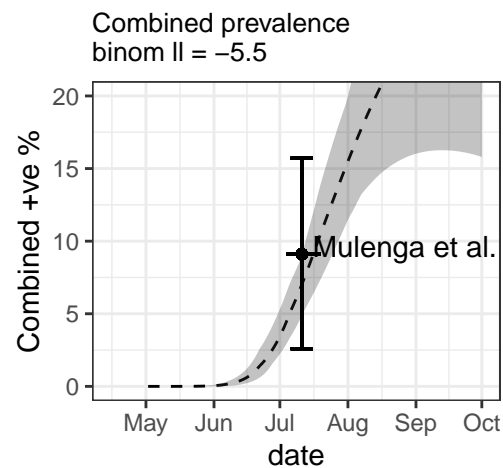
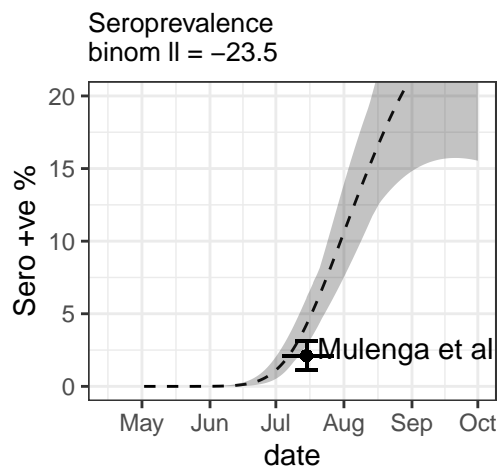
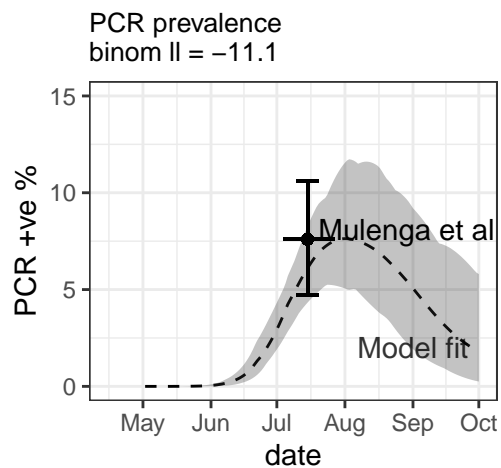
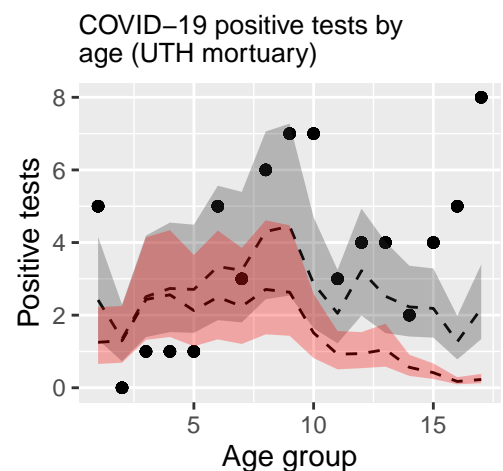
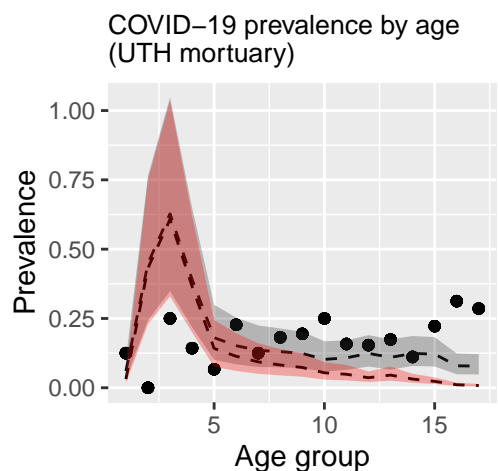
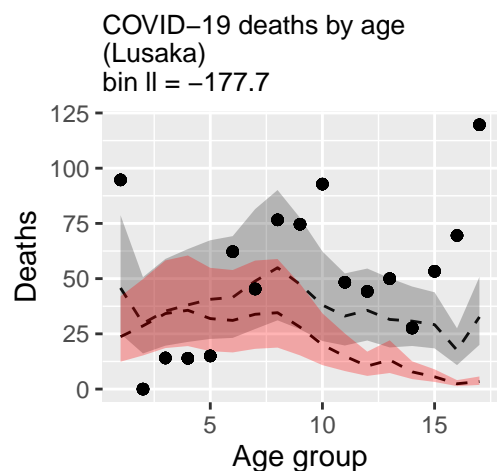
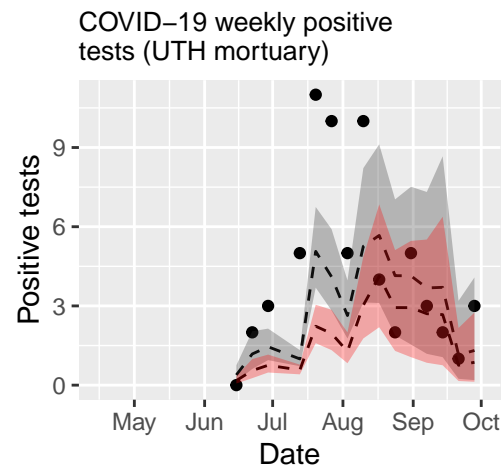
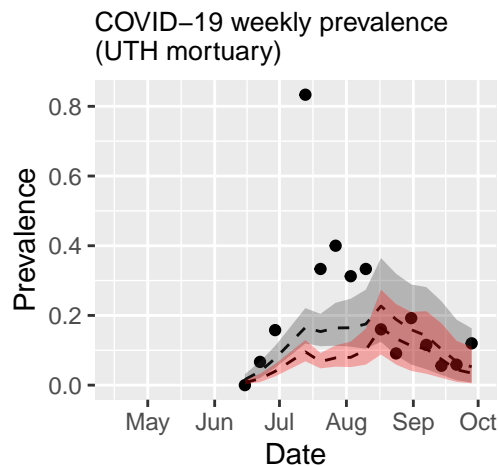
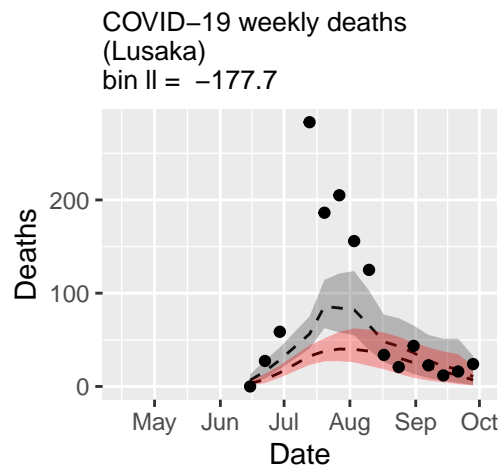
IFR x 0.2, Slope x 0.2  
 COVID-19 weekly deaths (Mortuary)  
 pois II = -927.9



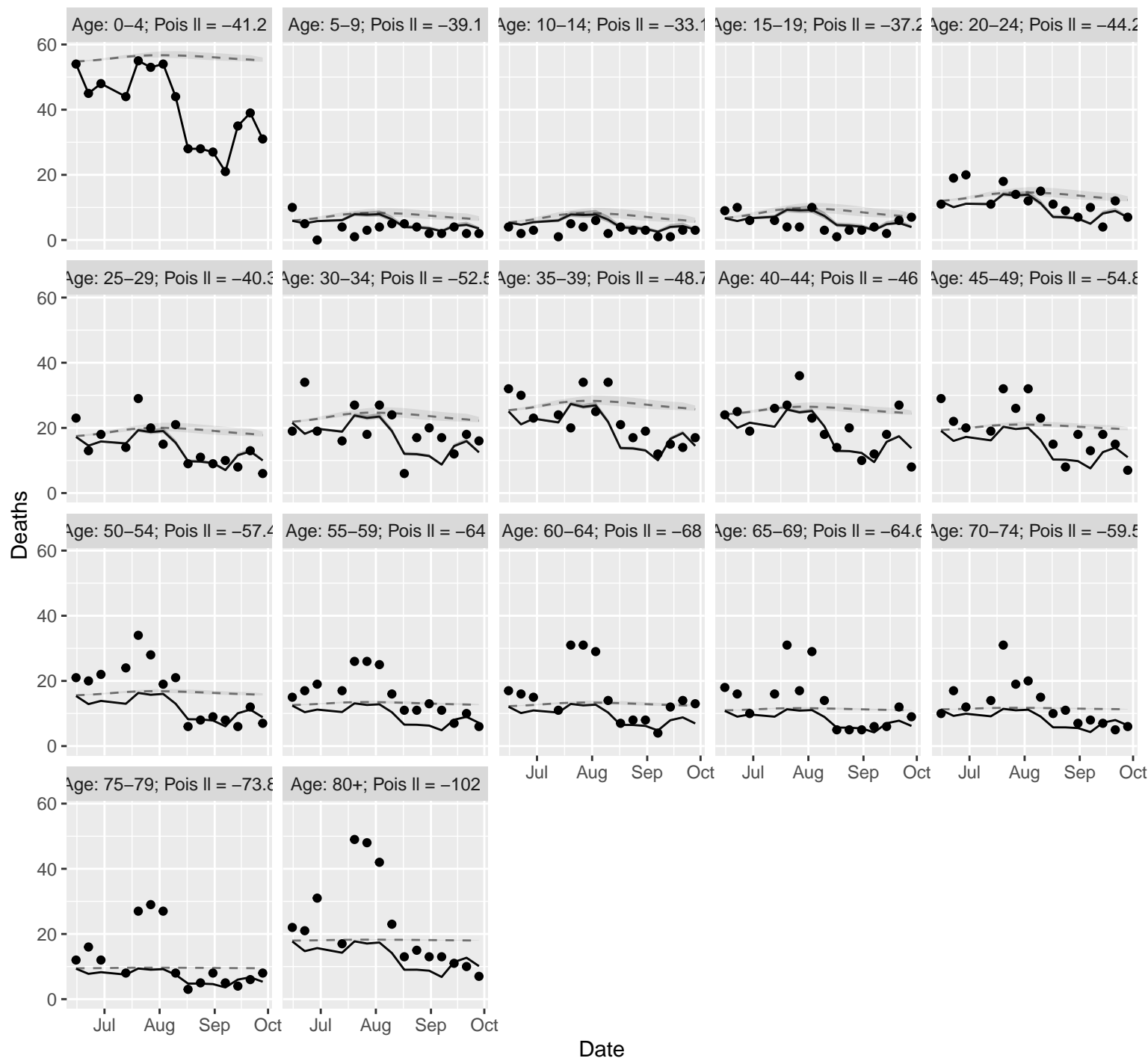
IFR x 0.2, Slope x 0.2  
Modelled COVID-19 Combined prevalence Lusaka



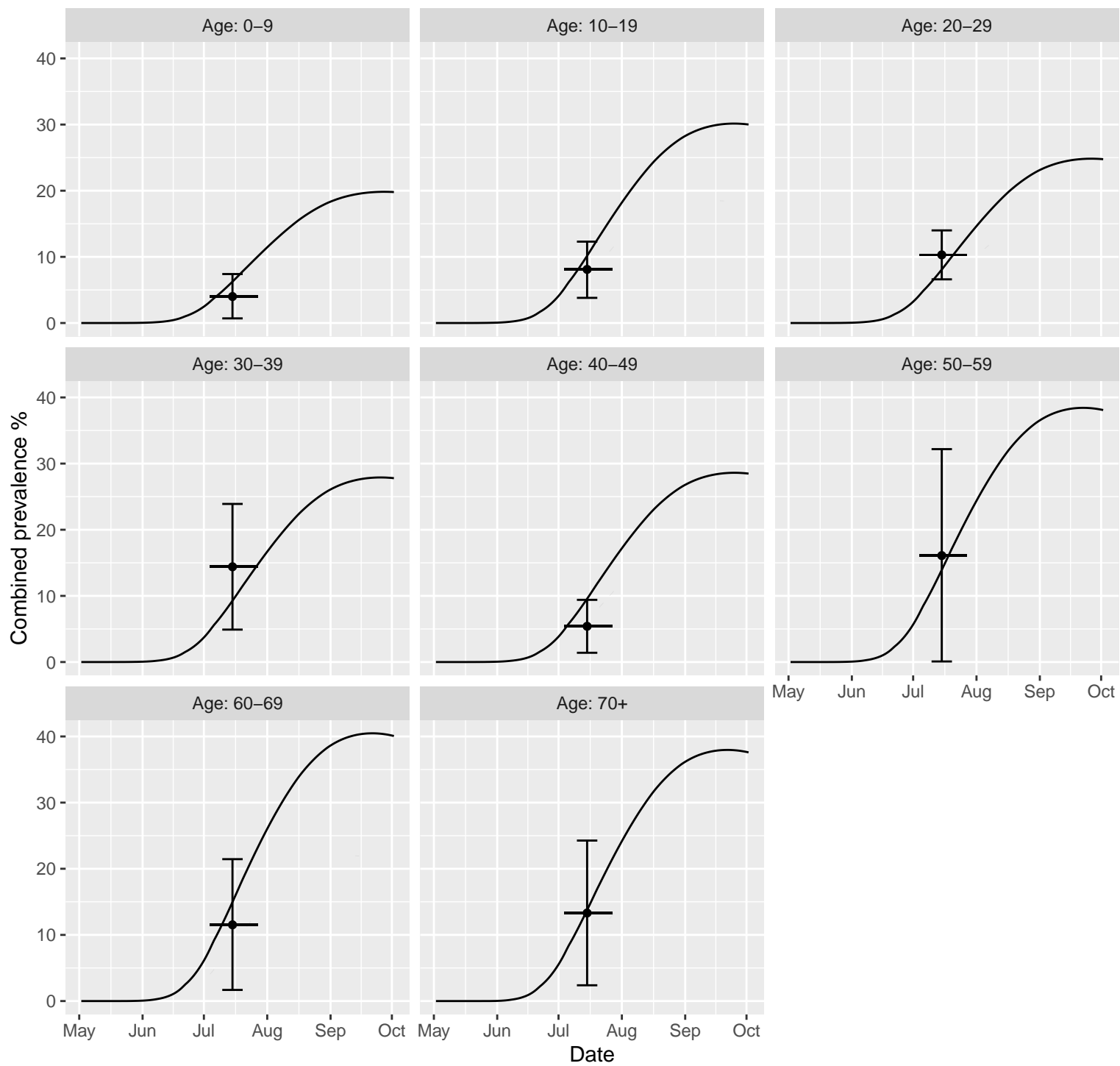
IFR x 0.4, Slope x 0.2

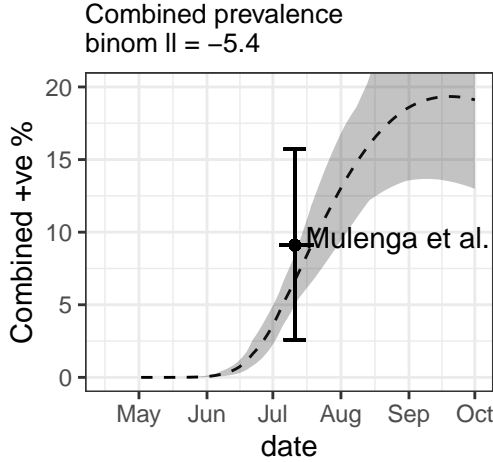
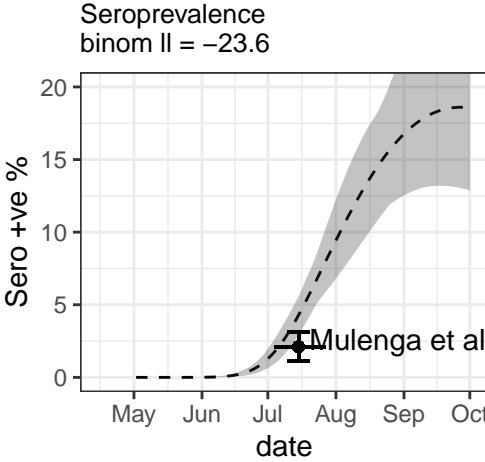
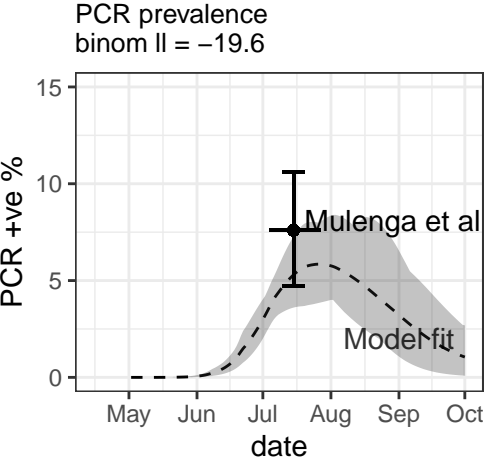
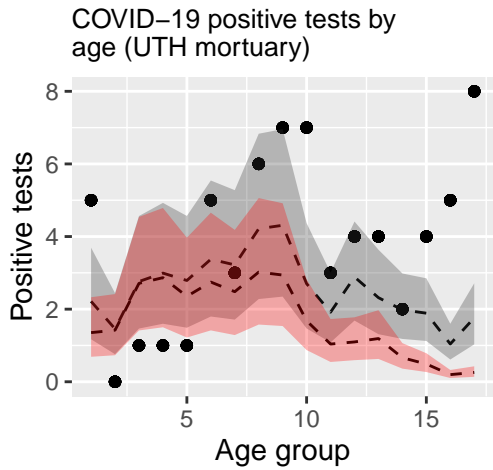
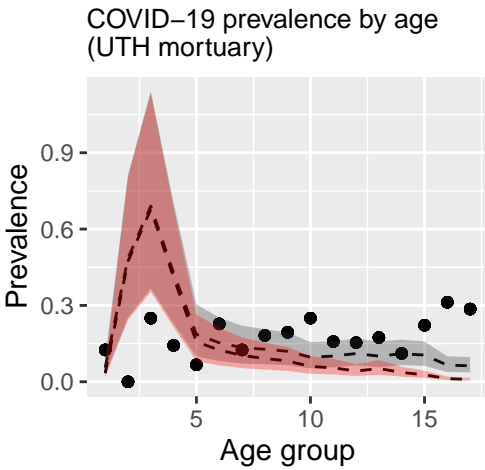
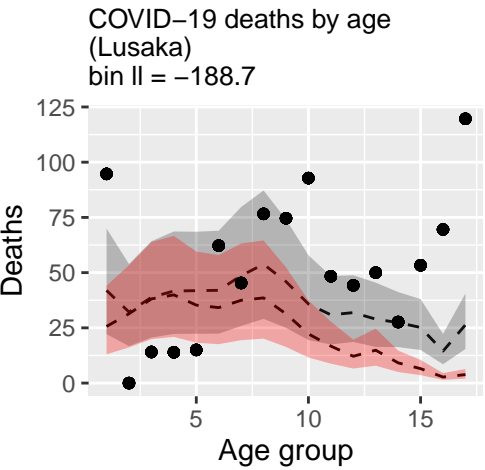
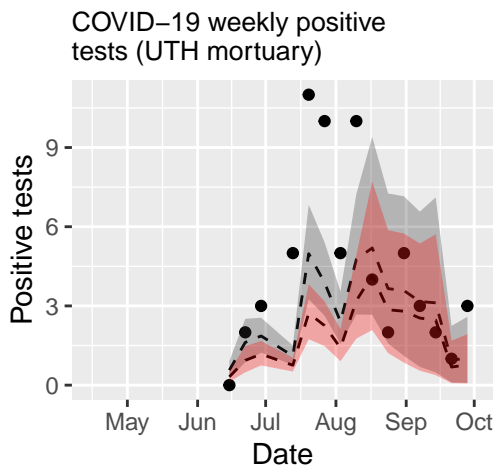
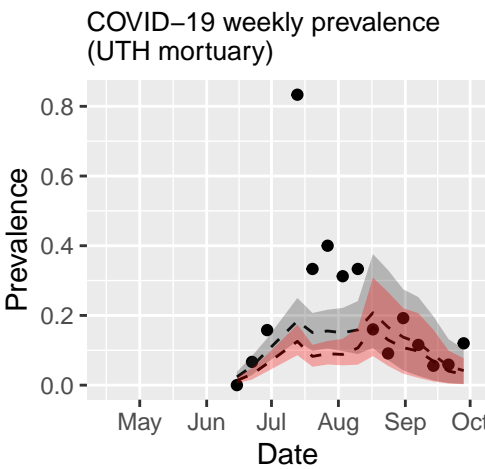
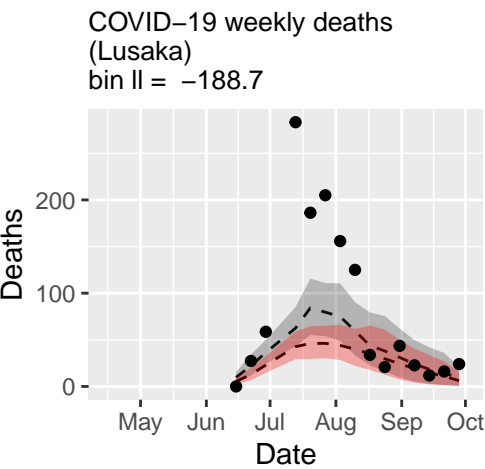


IFR x 0.4, Slope x 0.2  
 COVID-19 weekly deaths (Mortuary)  
 pois II = -926.5

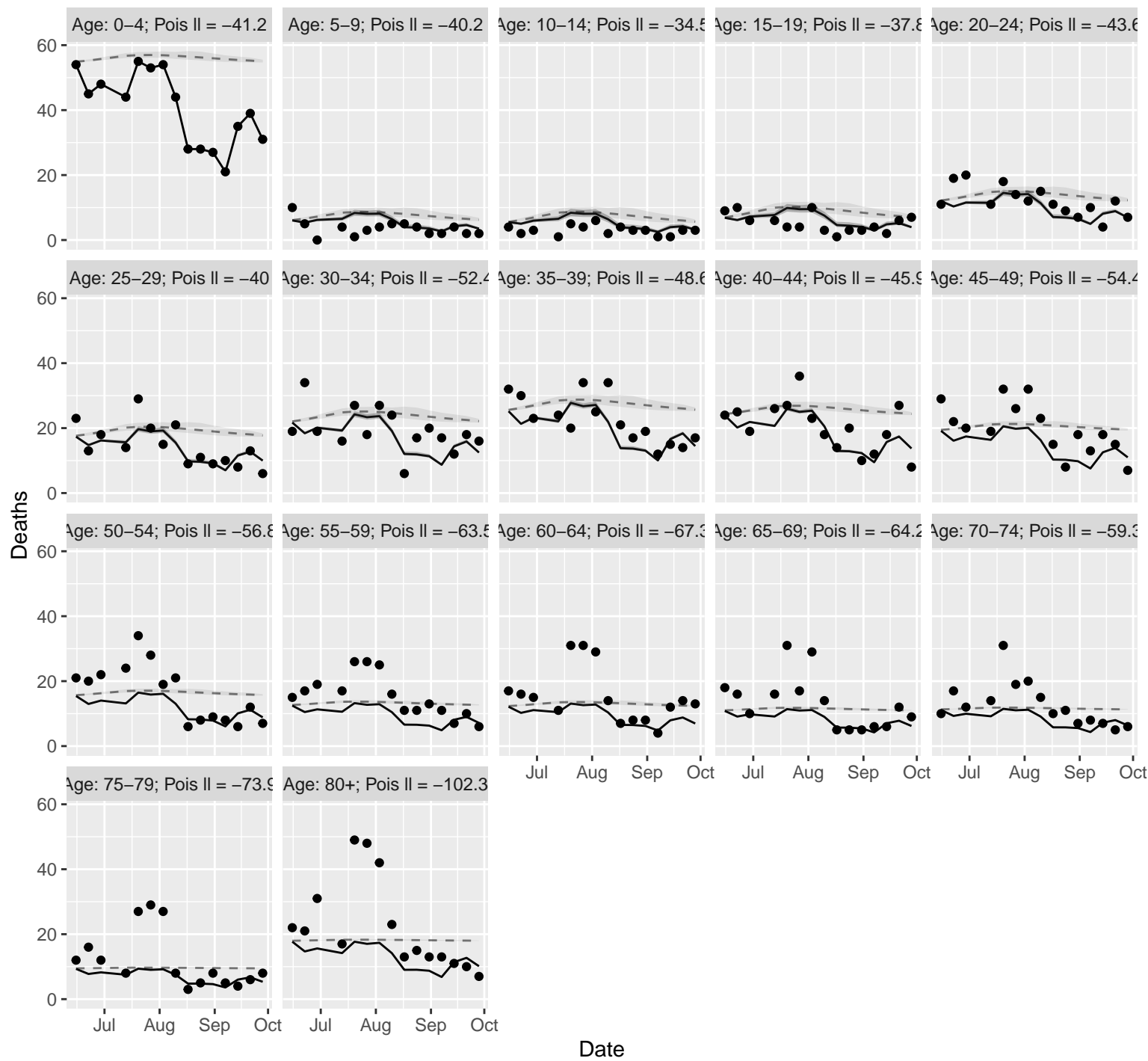


IFR x 0.4, Slope x 0.2  
Modelled COVID-19 Combined prevalence Lusaka



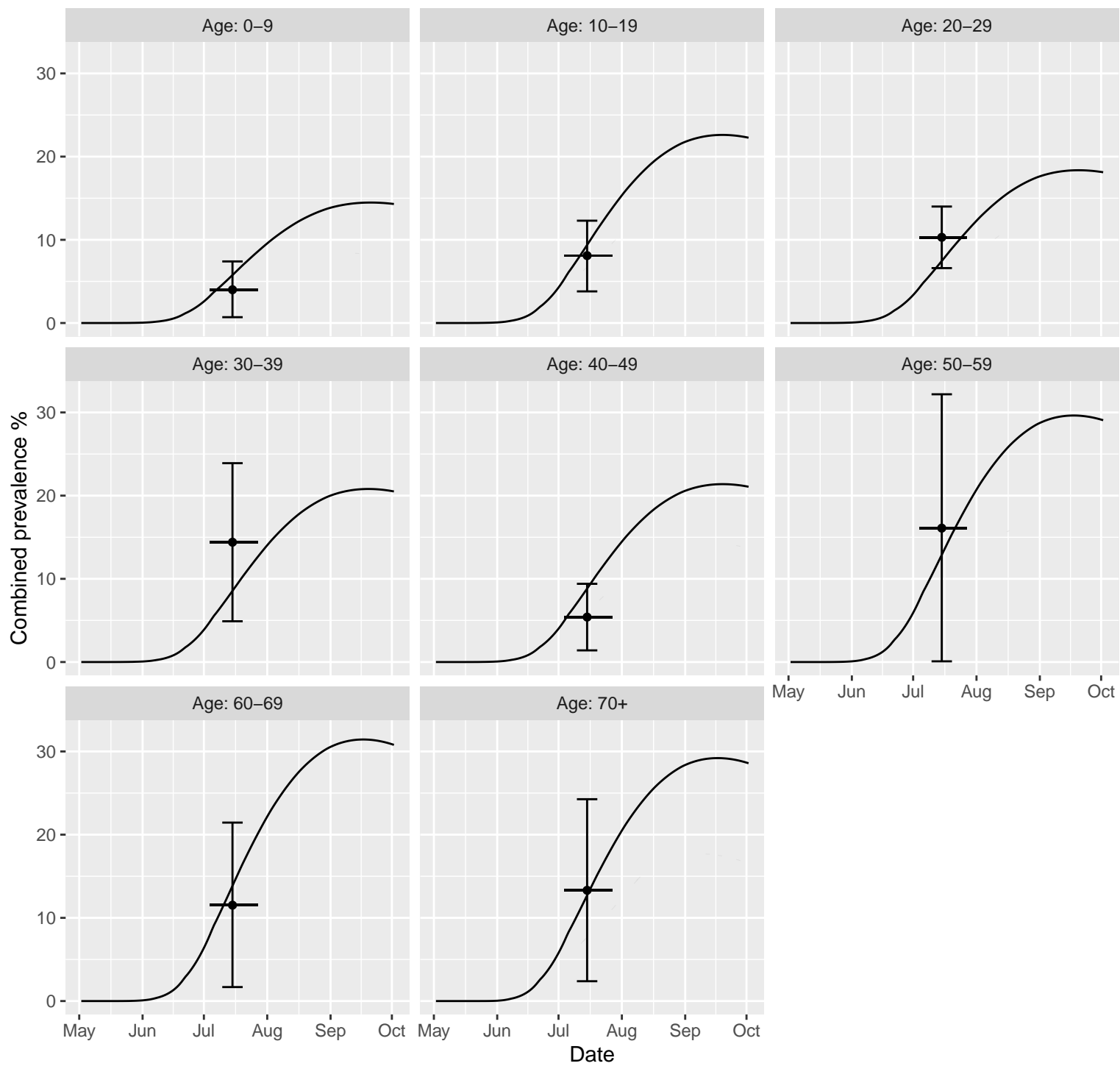


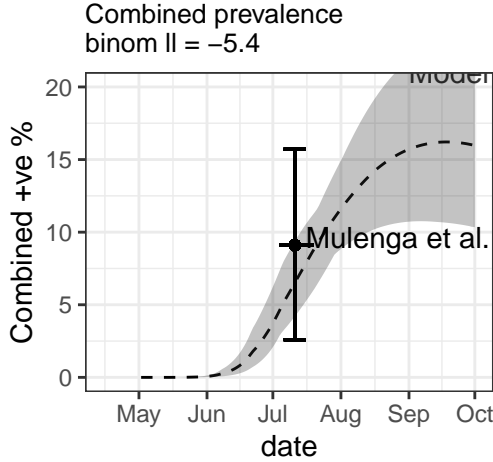
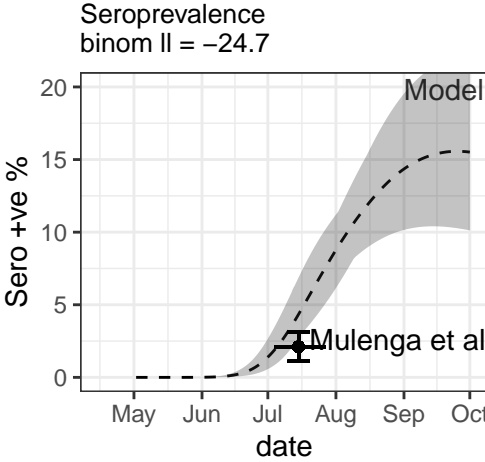
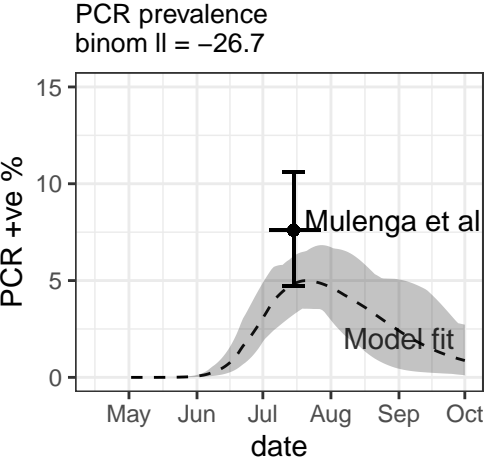
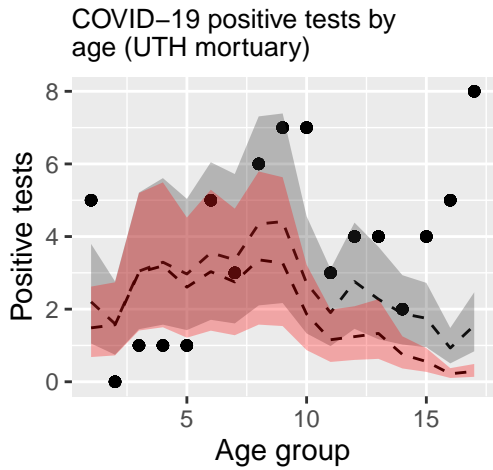
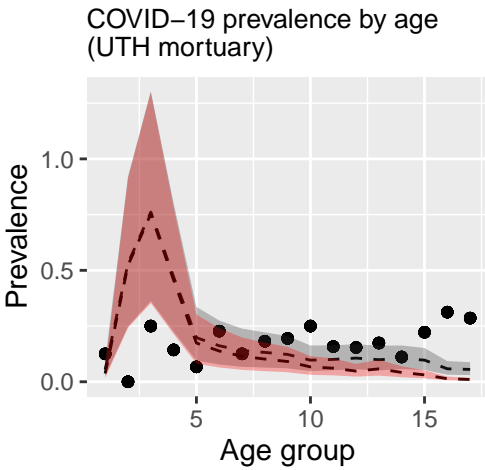
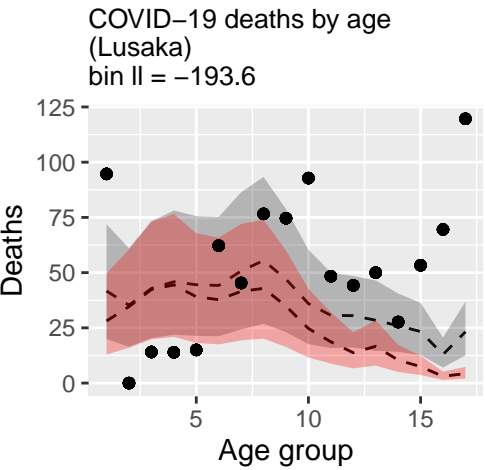
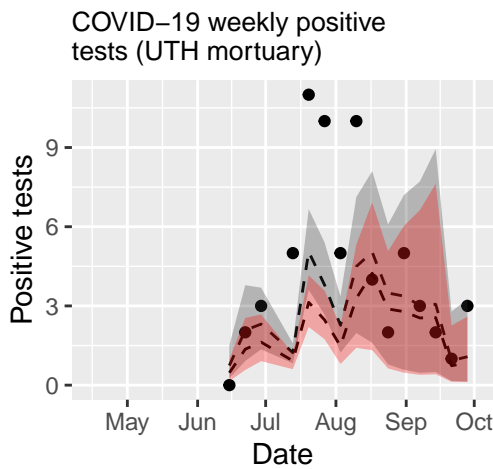
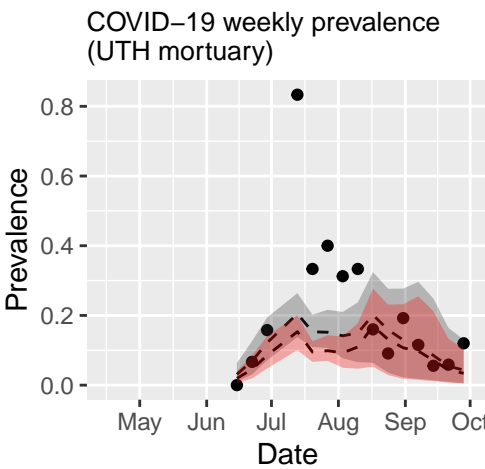
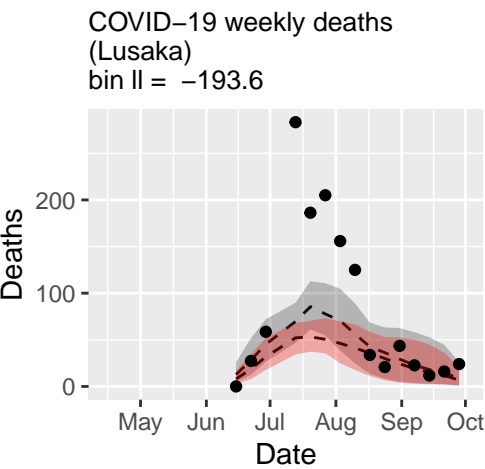
IFR x 0.6, Slope x 0.2  
COVID-19 weekly deaths (Mortuary)  
pois ll = -925.8



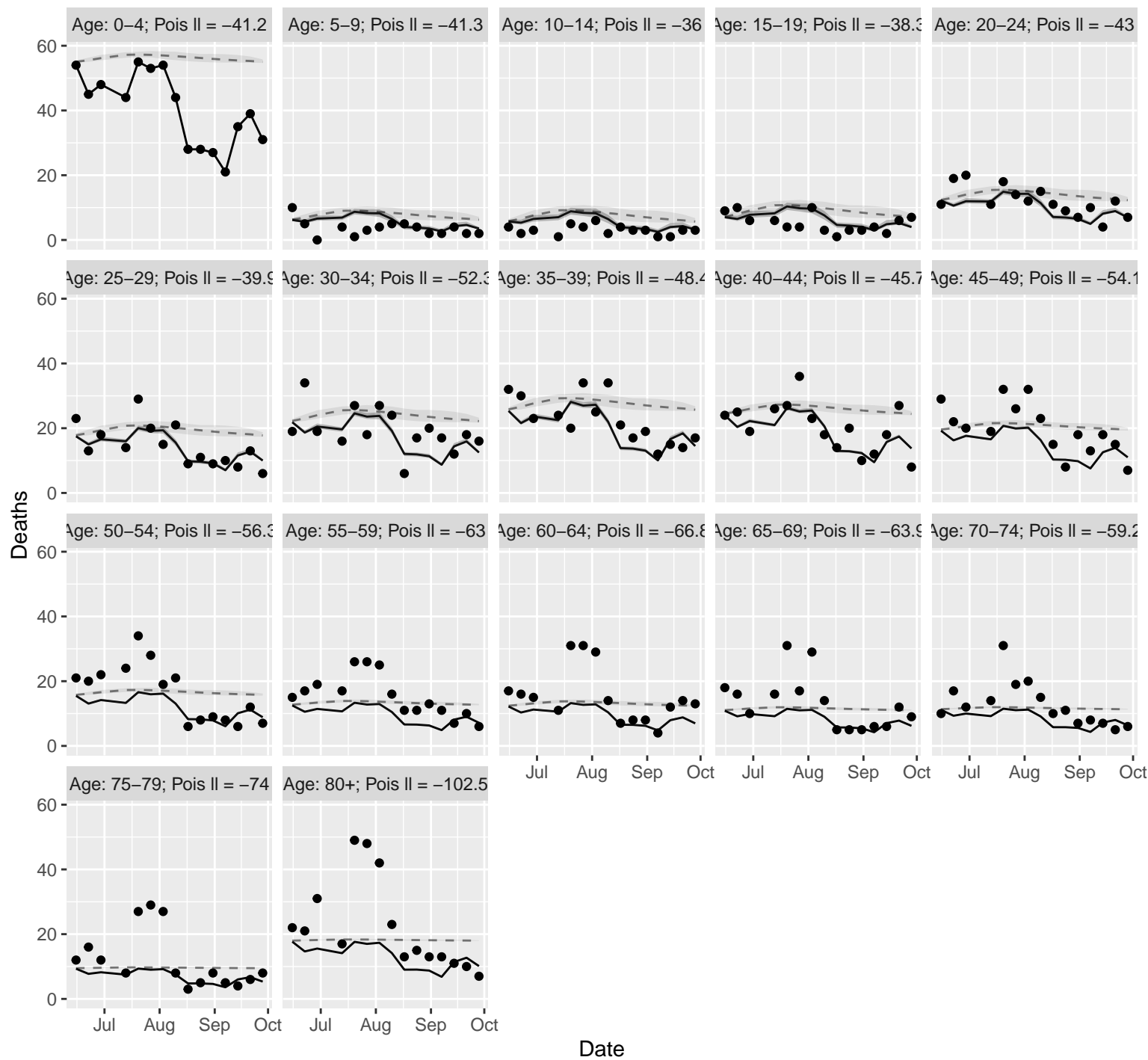


IFR x 0.6, Slope x 0.2  
Modelled COVID-19 Combined prevalence Lusaka

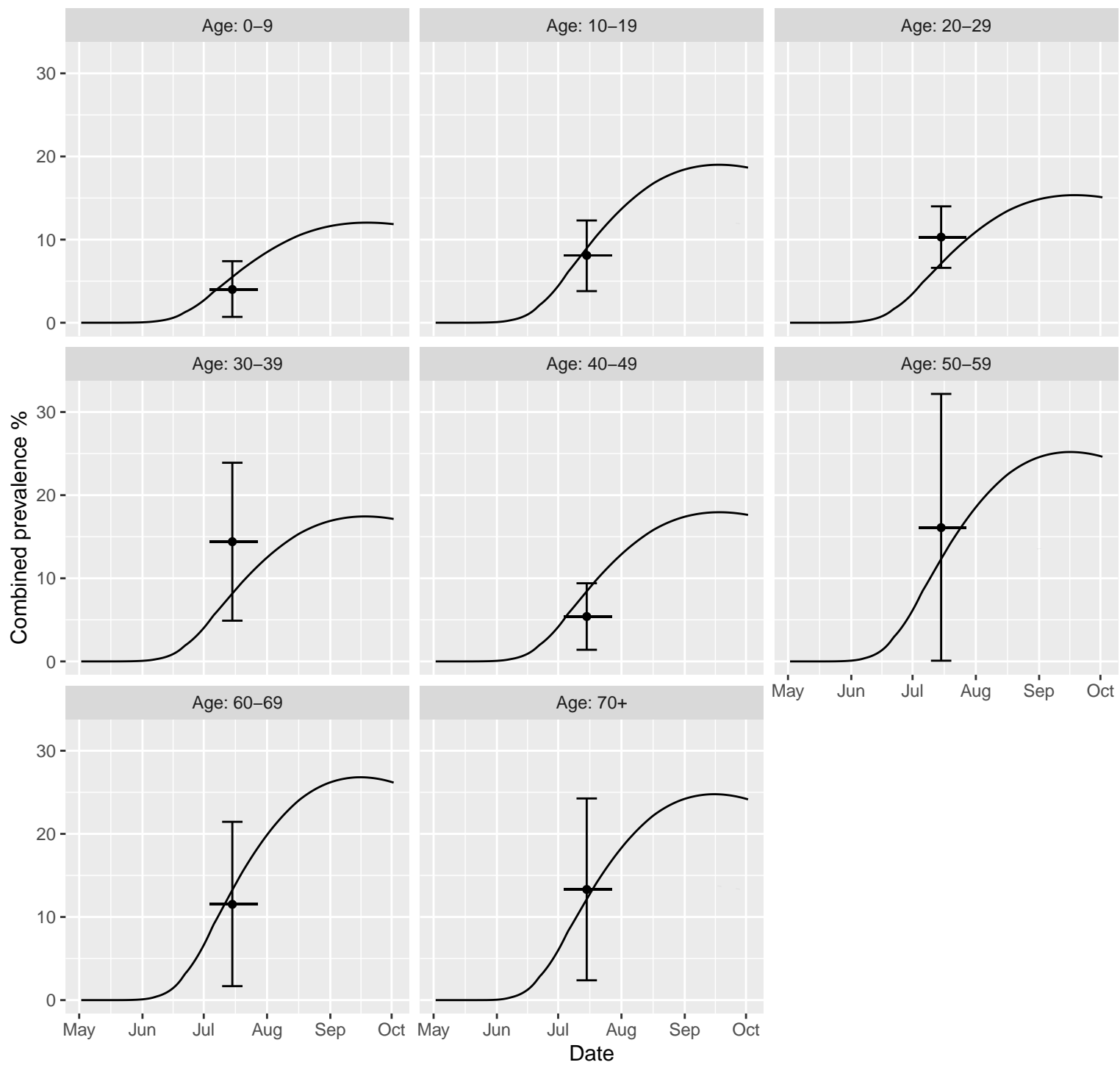




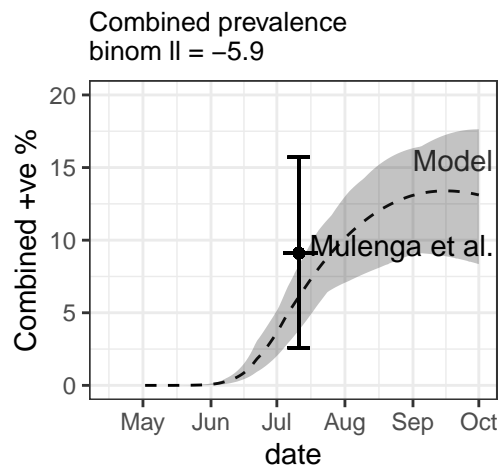
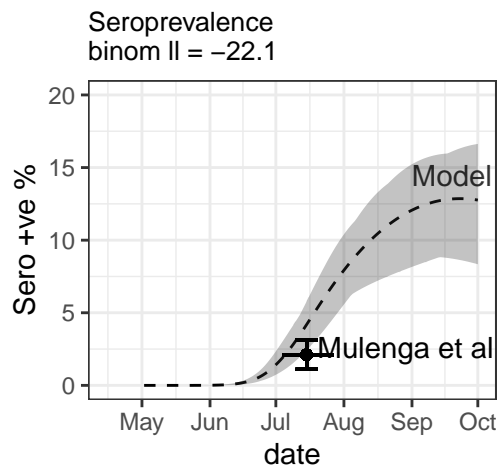
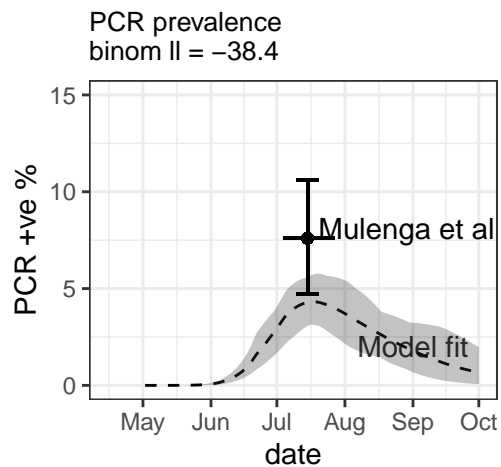
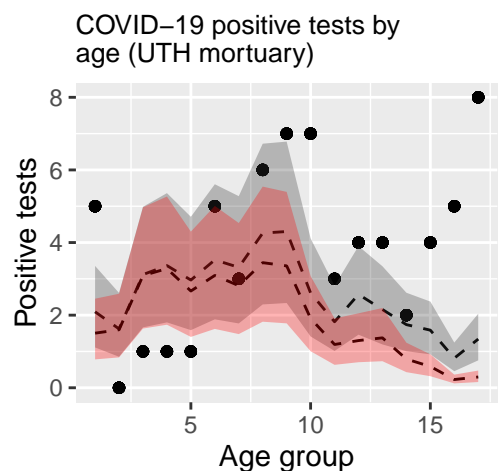
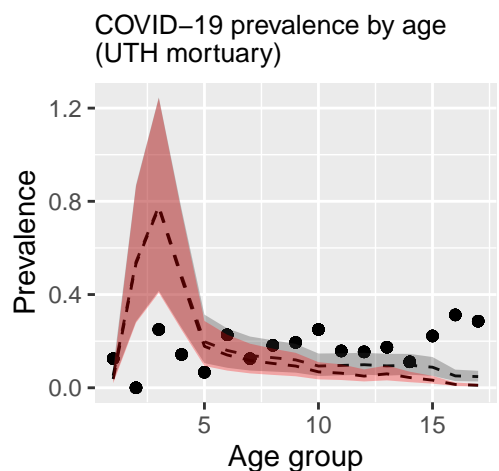
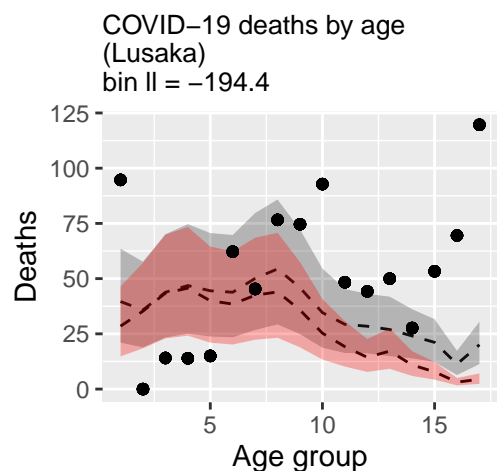
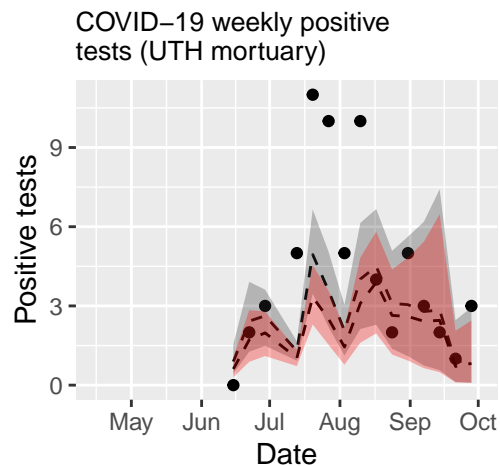
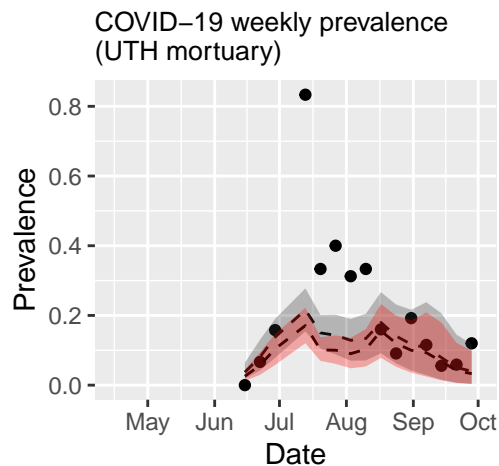
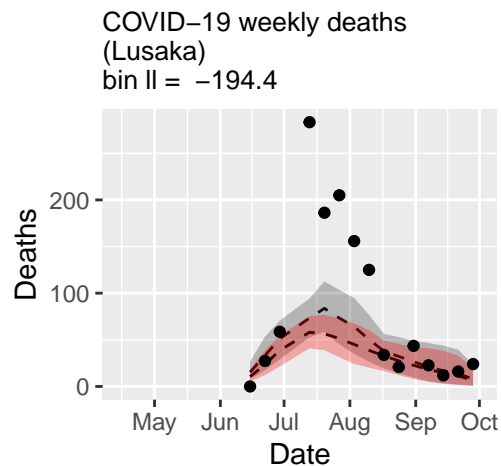
IFR x 0.8, Slope x 0.2  
 COVID-19 weekly deaths (Mortuary)  
 pois II = -925.9



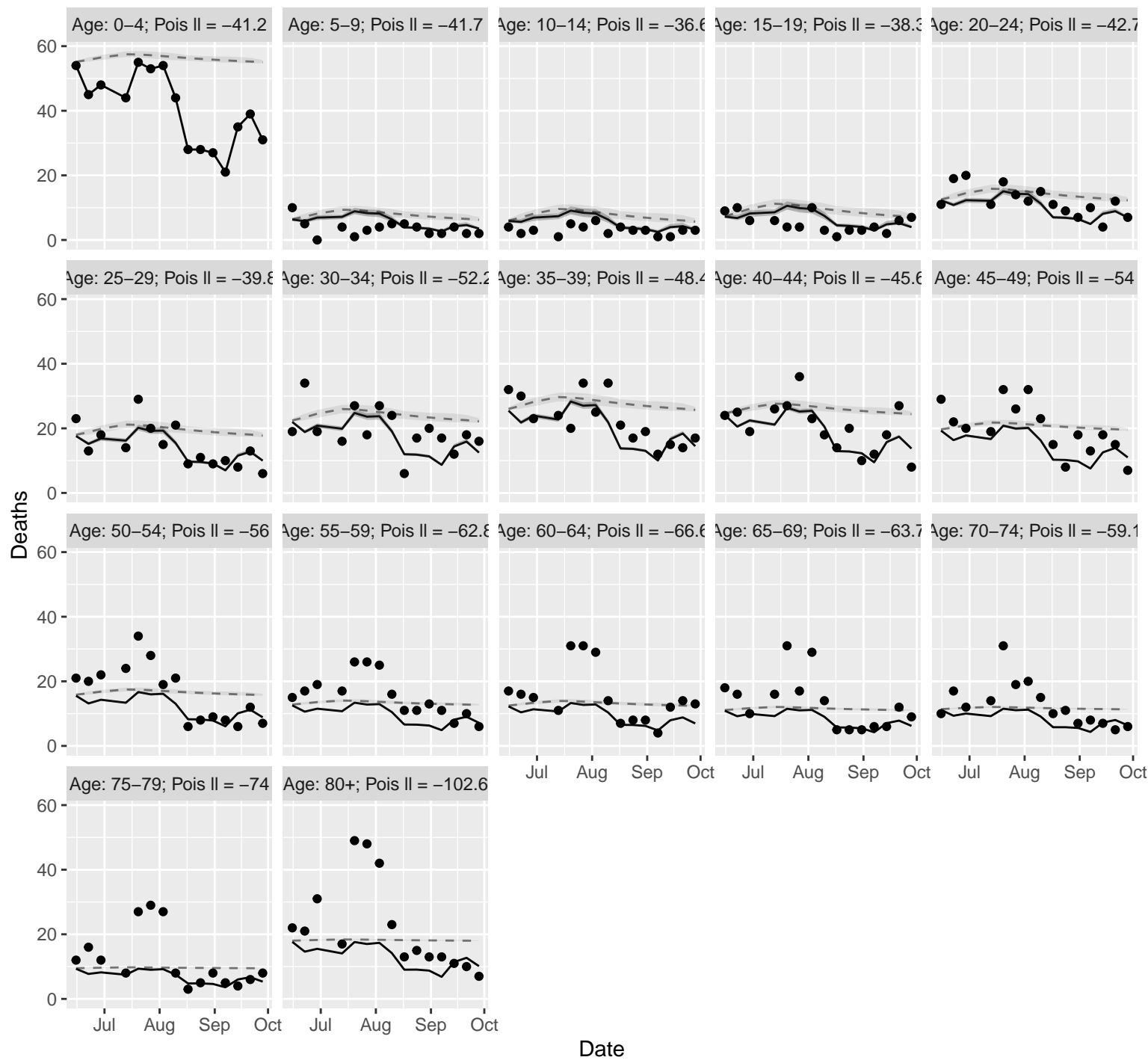
IFR x 0.8, Slope x 0.2  
Modelled COVID-19 Combined prevalence Lusaka



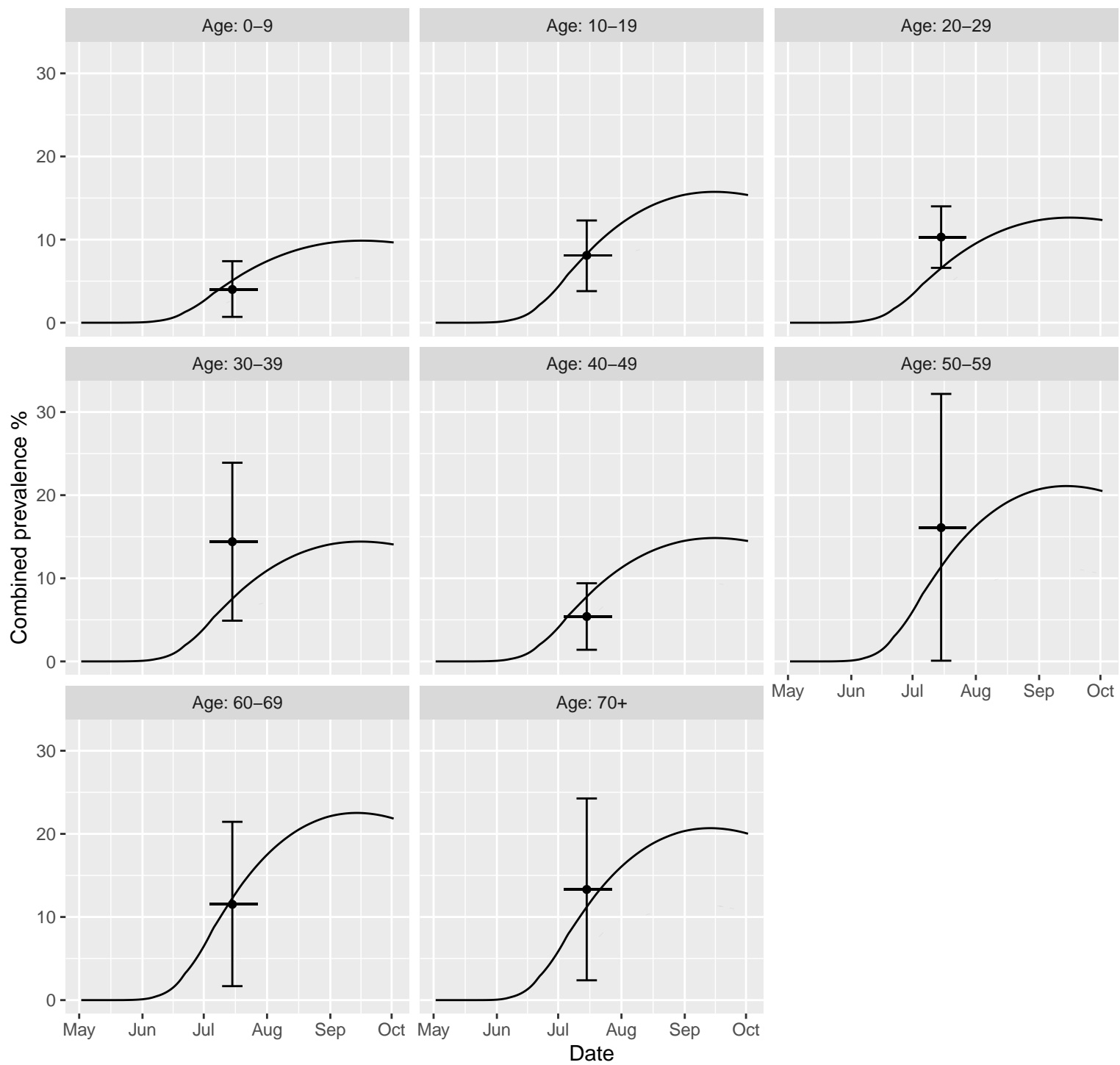
IFR x 1, Slope x 0.2

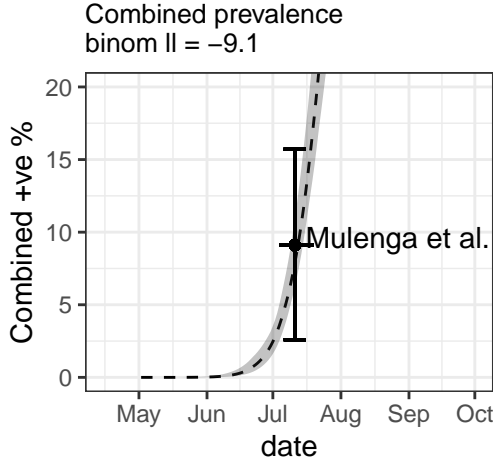
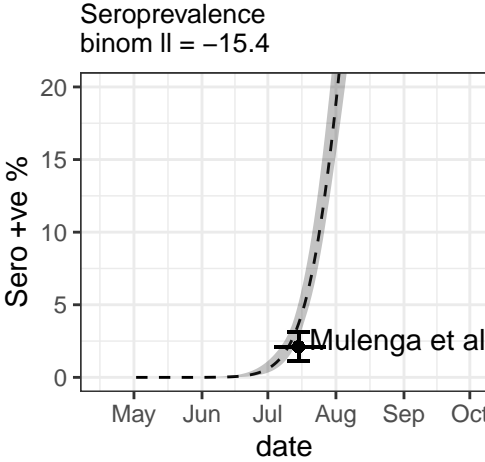
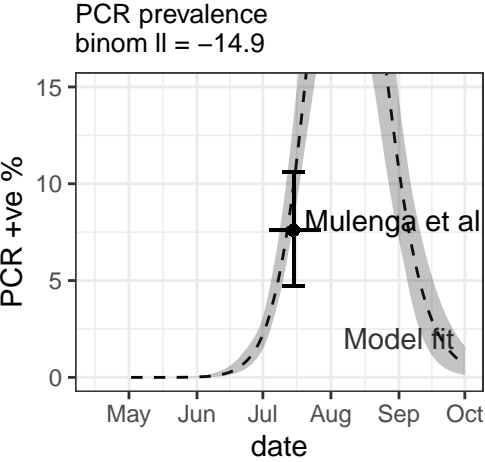
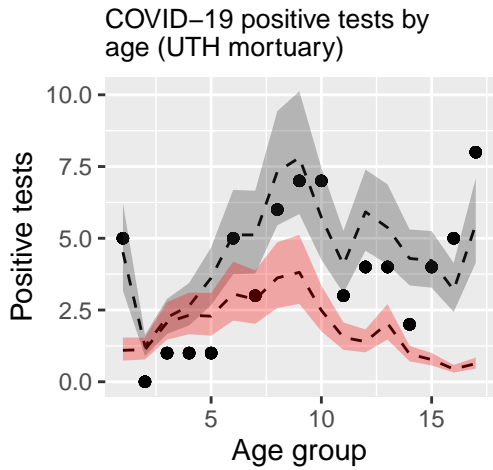
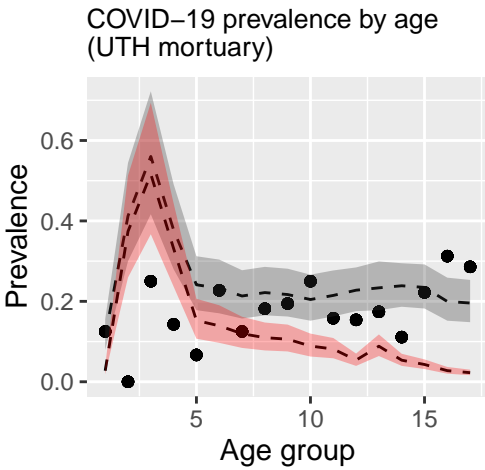
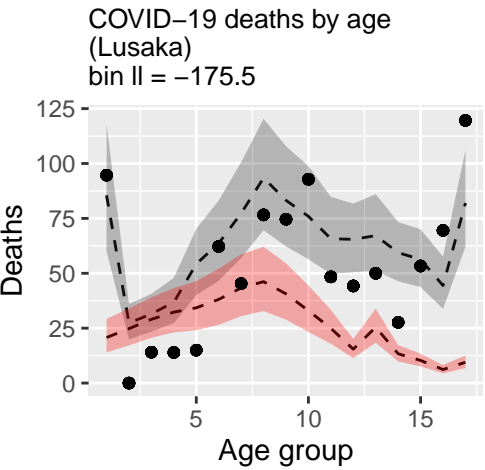
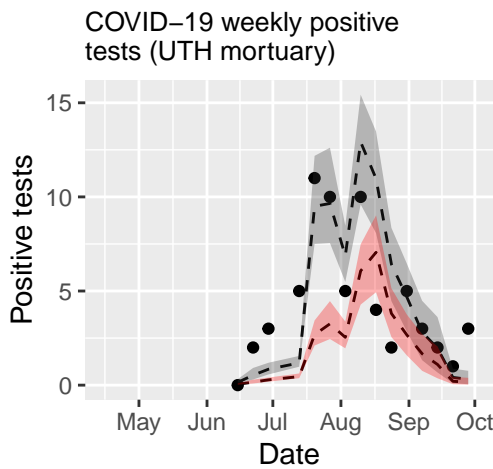
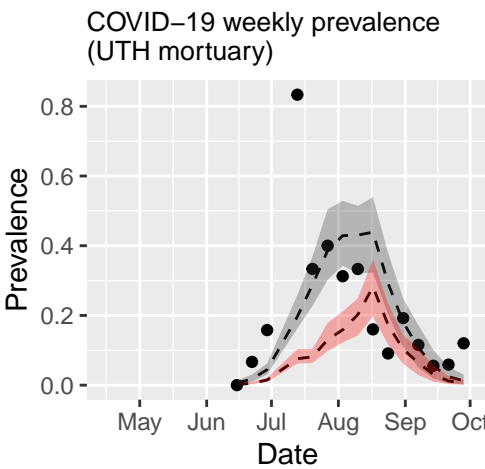
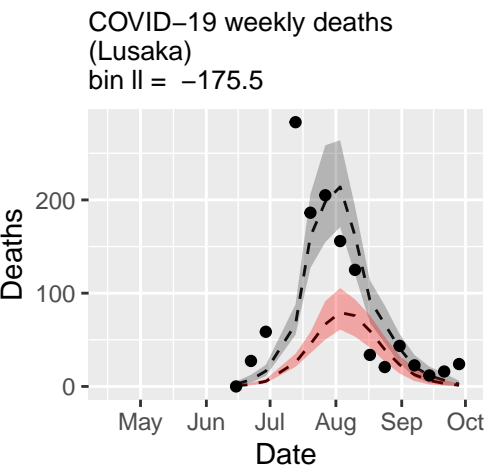


IFR x 1, Slope x 0.2  
COVID-19 weekly deaths (Mortuary)  
pois ll = -925.5



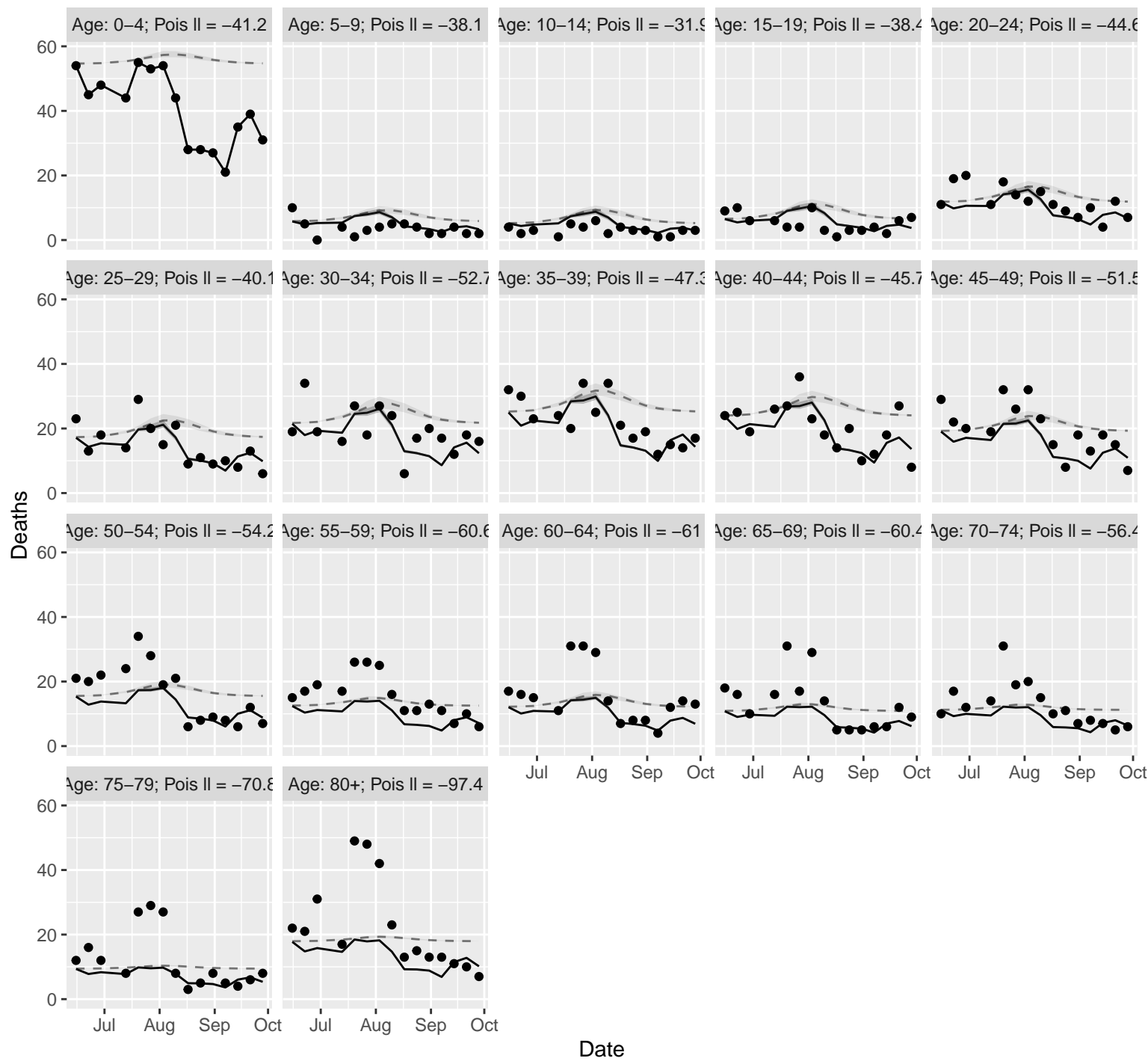
IFR x 1, Slope x 0.2  
Modelled COVID-19 Combined prevalence Lusaka



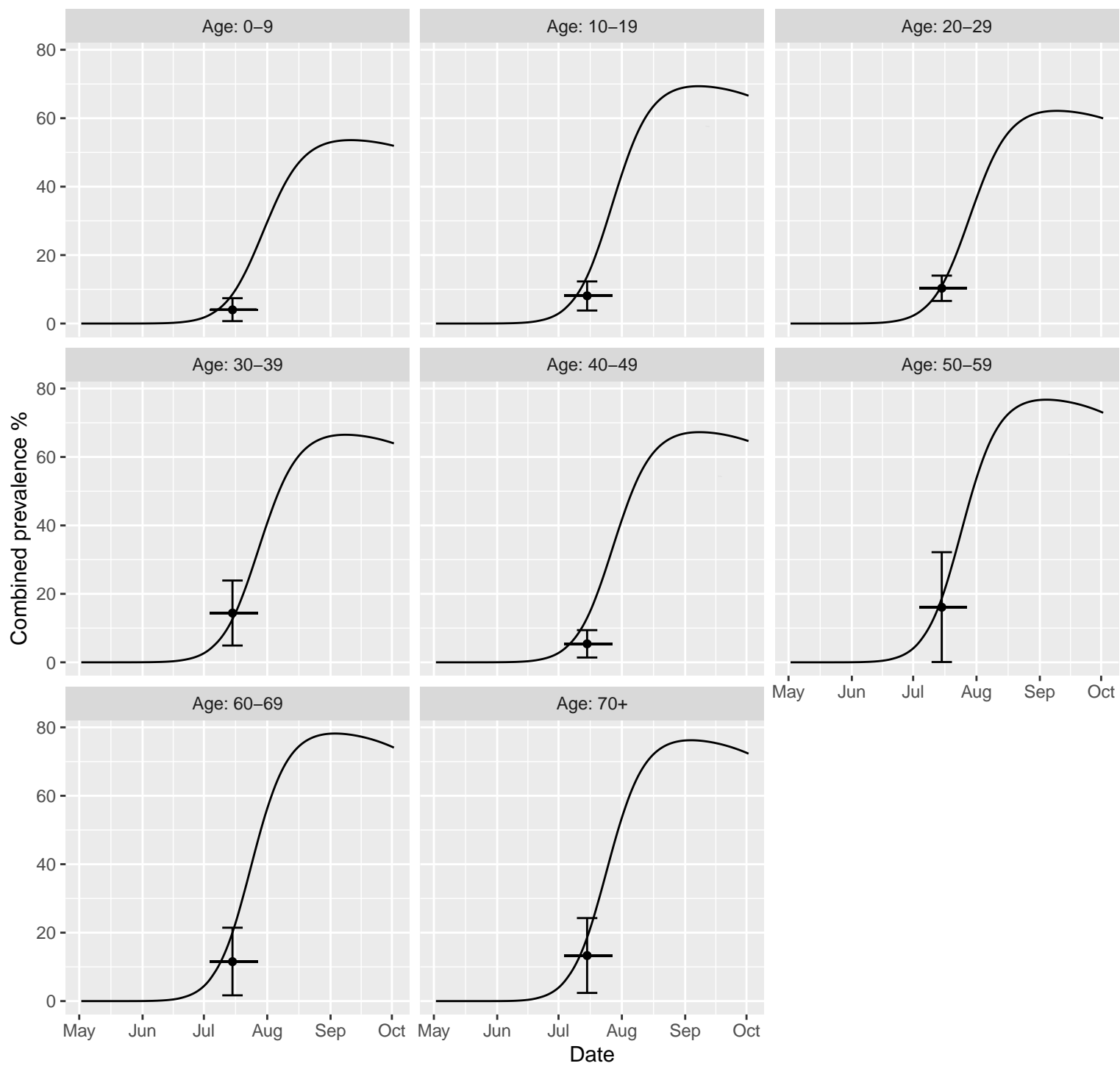


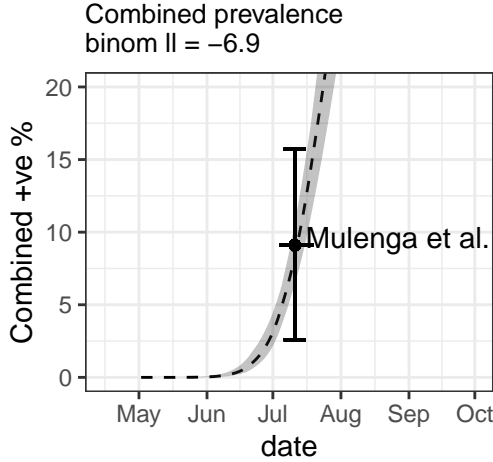
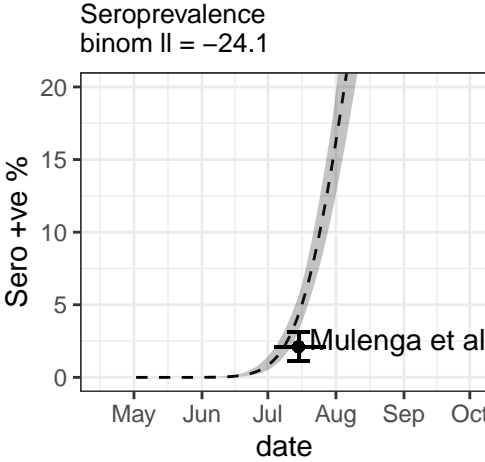
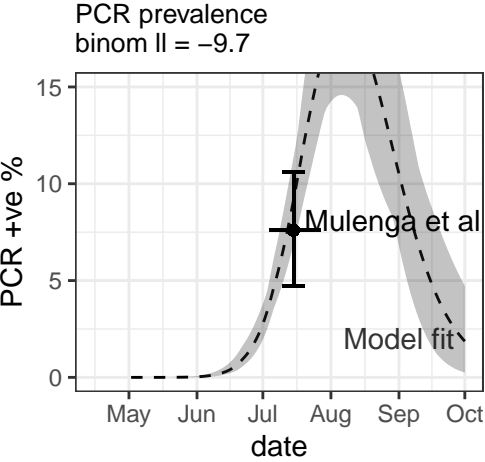
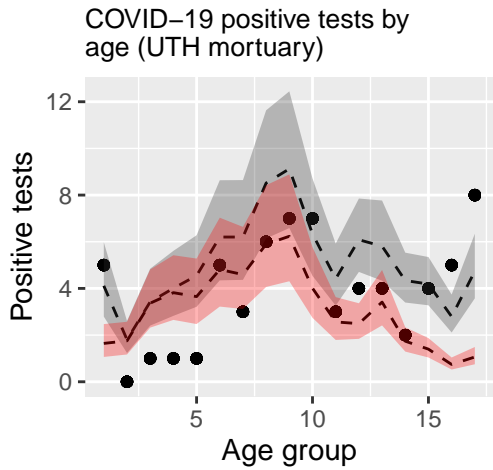
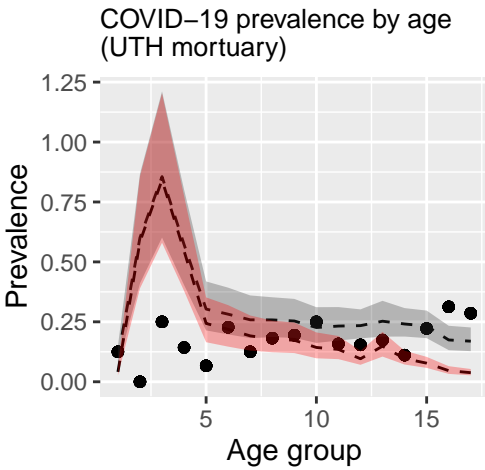
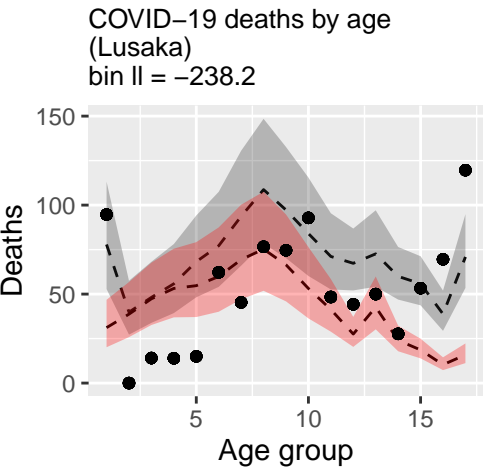
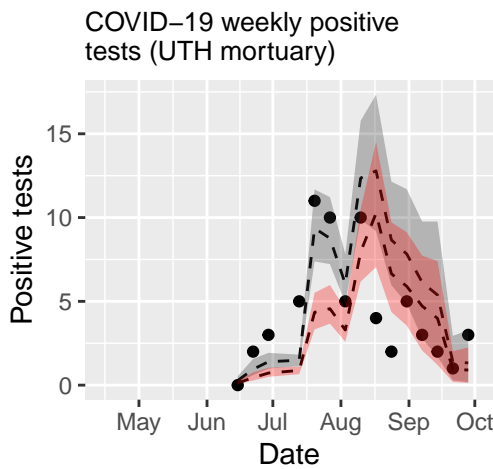
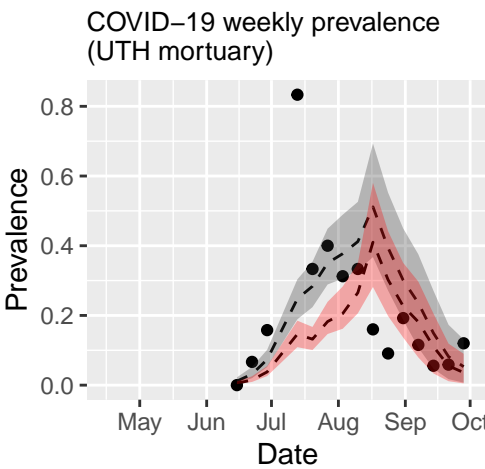
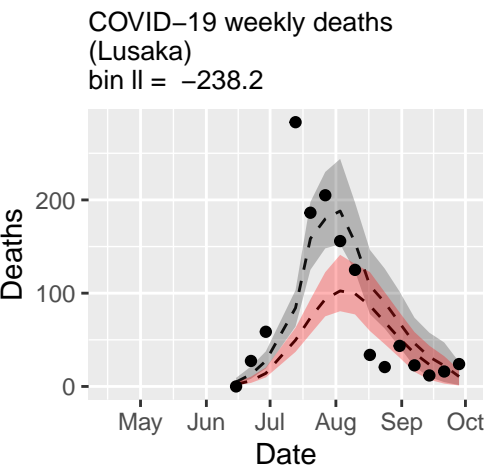


IFR x 0.2, Slope x 0.4  
COVID-19 weekly deaths (Mortuary)  
pois ll = -892.3

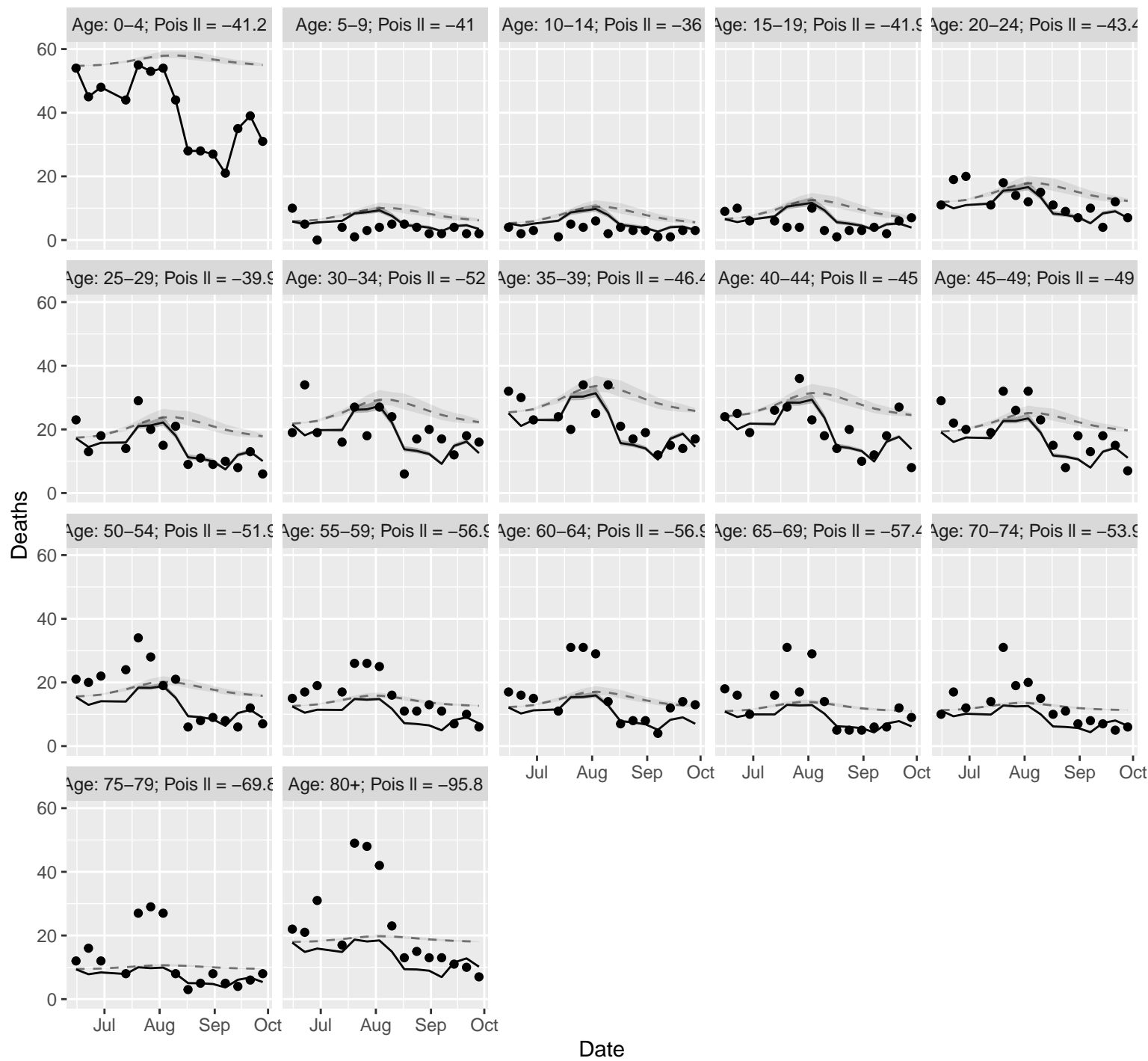


IFR x 0.2, Slope x 0.4  
Modelled COVID-19 Combined prevalence Lusaka

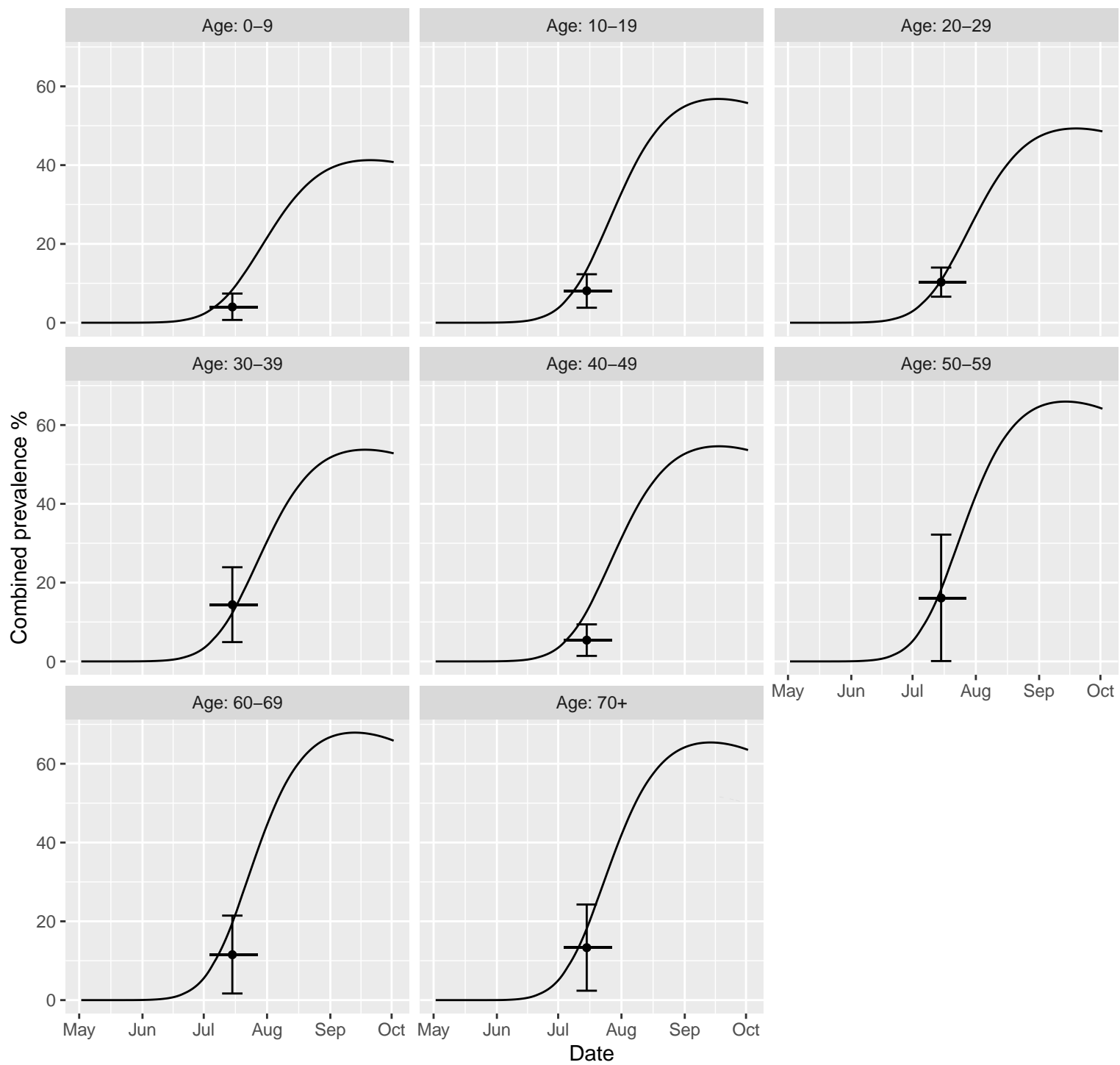


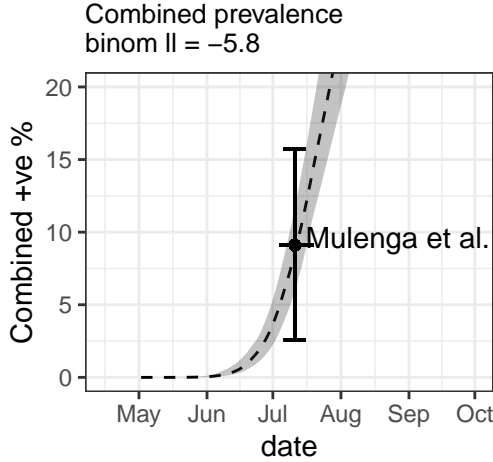
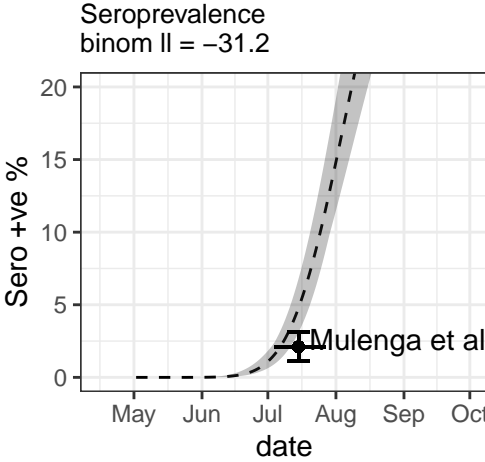
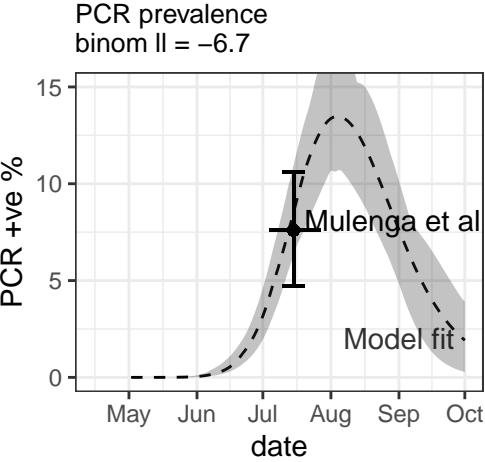
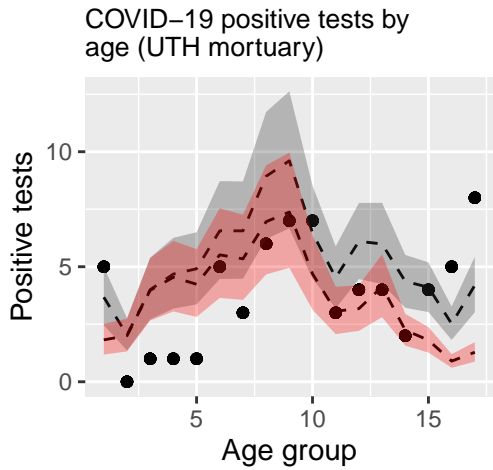
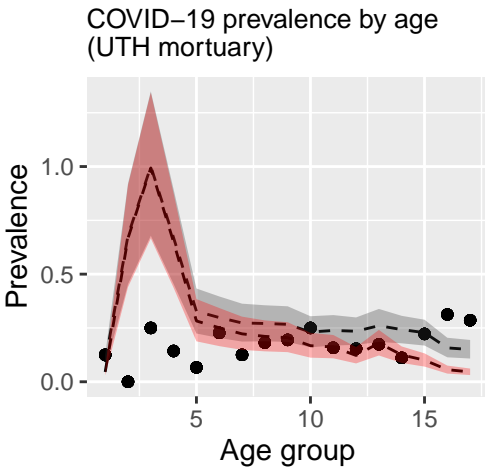
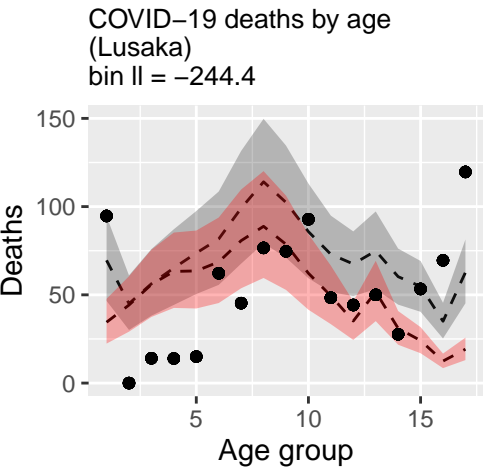
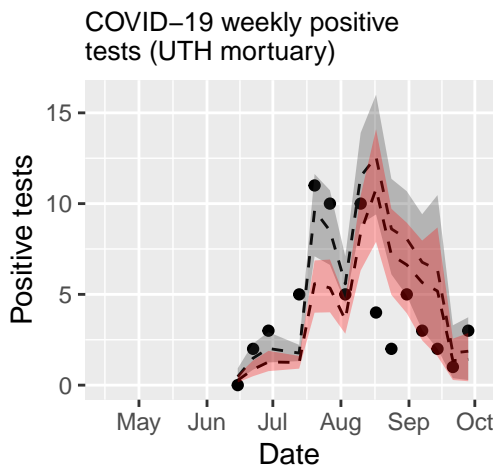
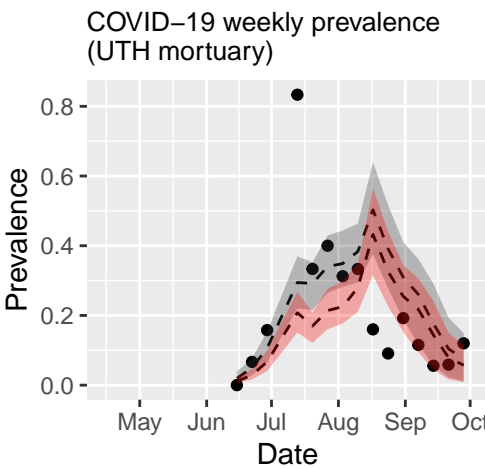
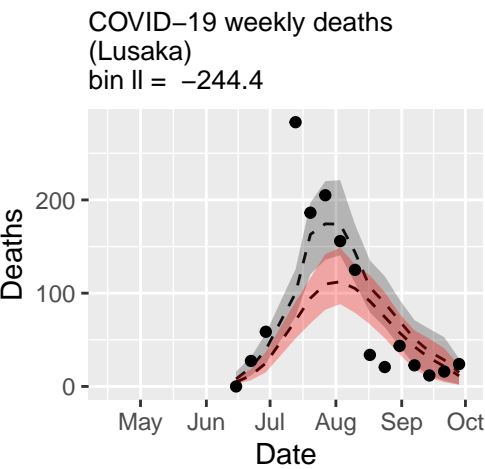


IFR x 0.4, Slope x 0.4  
COVID-19 weekly deaths (Mortuary)  
pois ll = -878.6

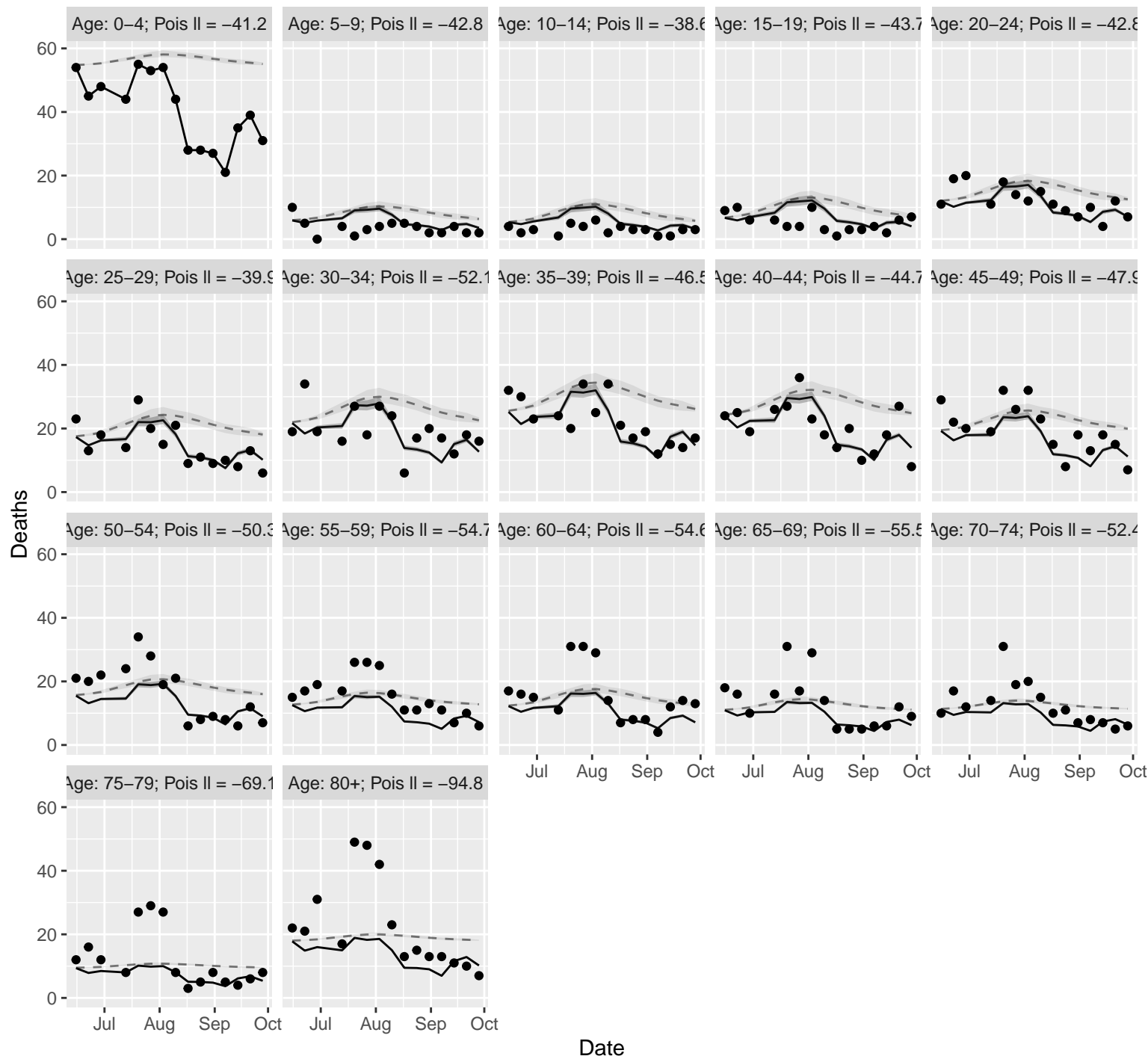


IFR x 0.4, Slope x 0.4  
Modelled COVID-19 Combined prevalence Lusaka

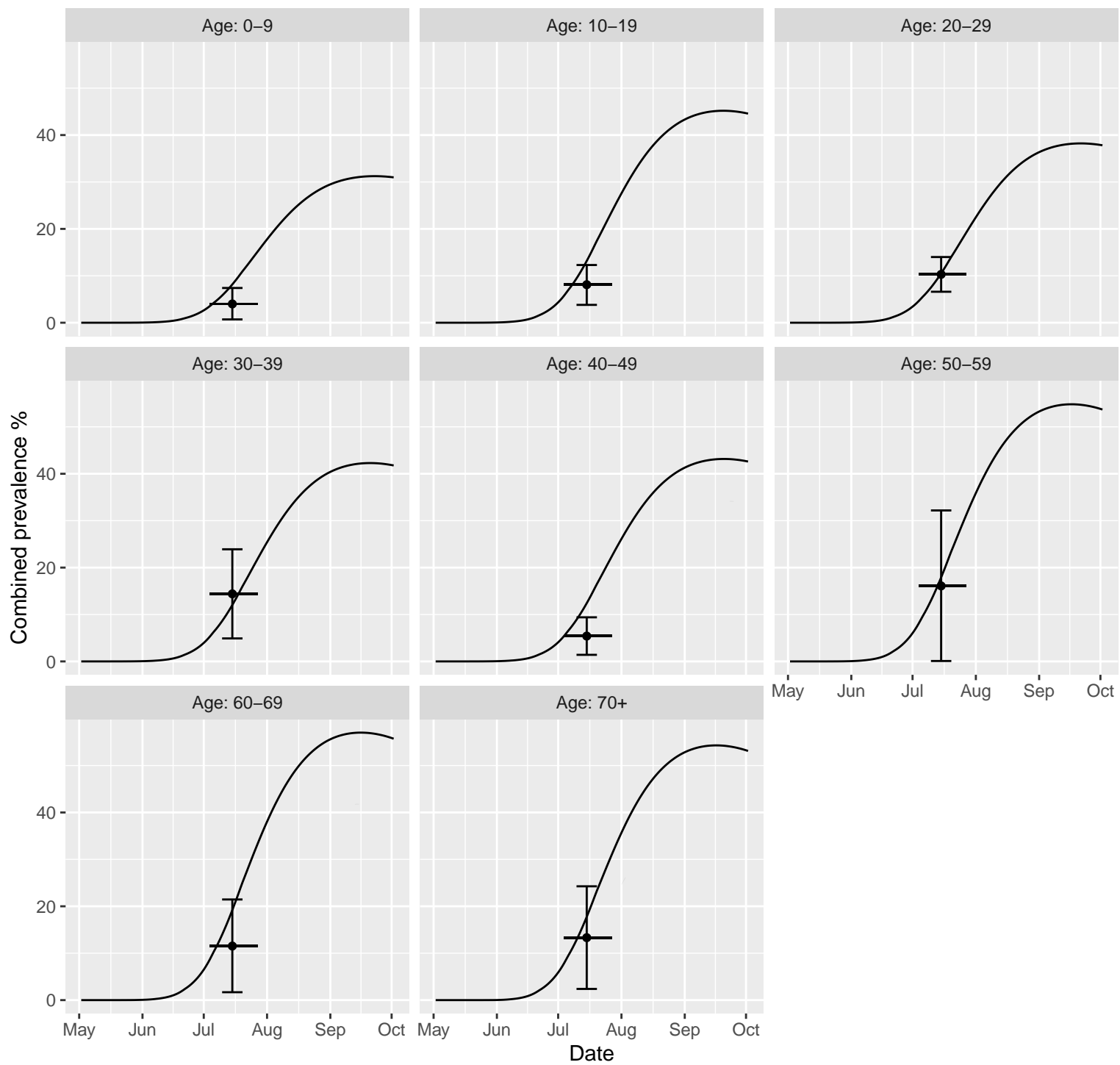




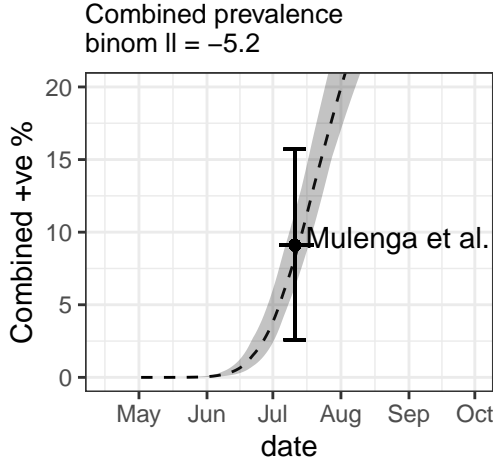
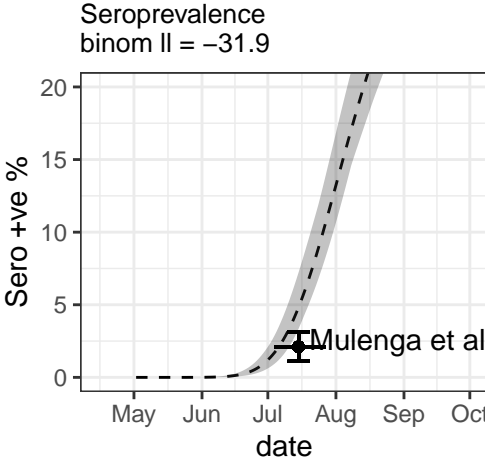
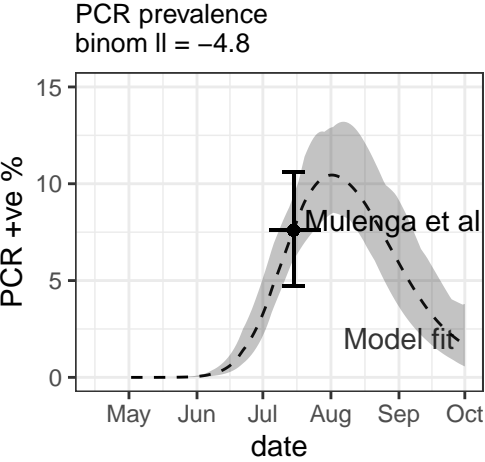
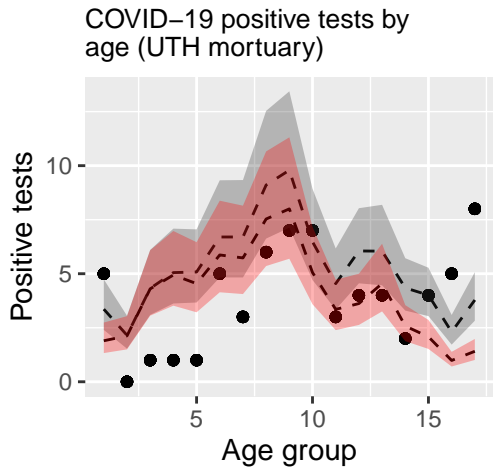
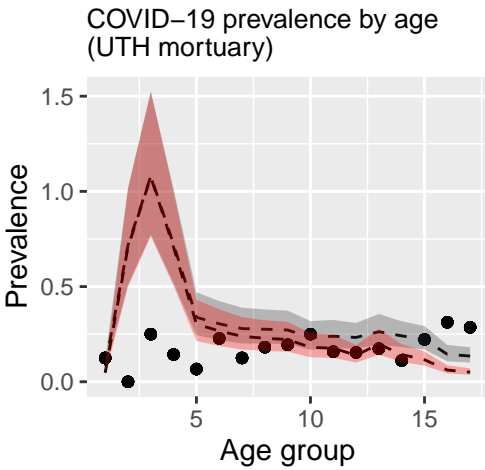
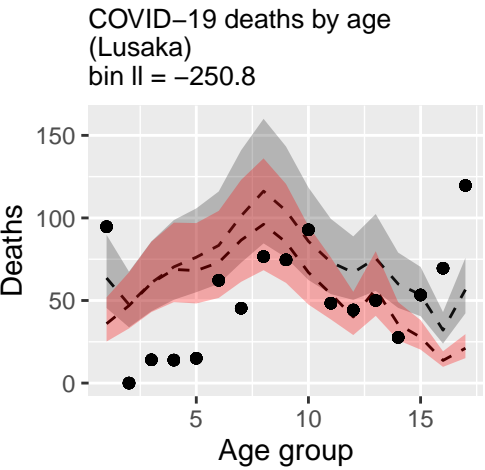
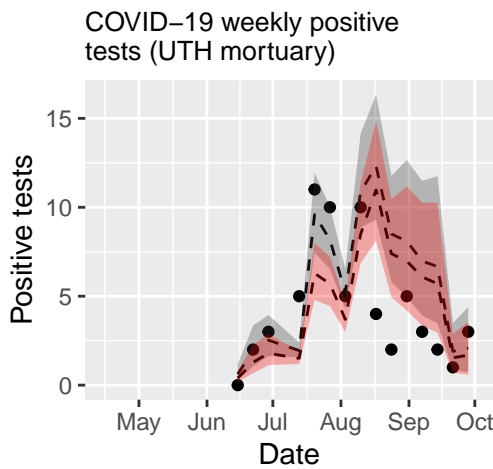
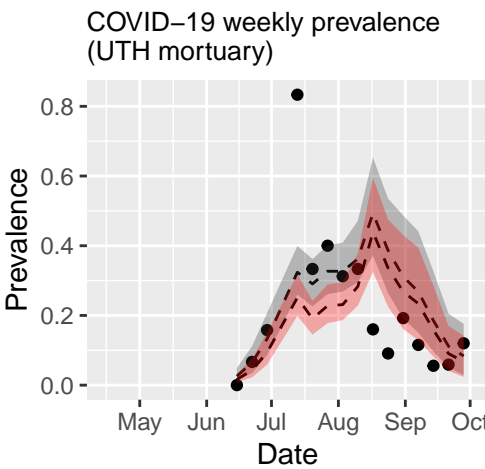
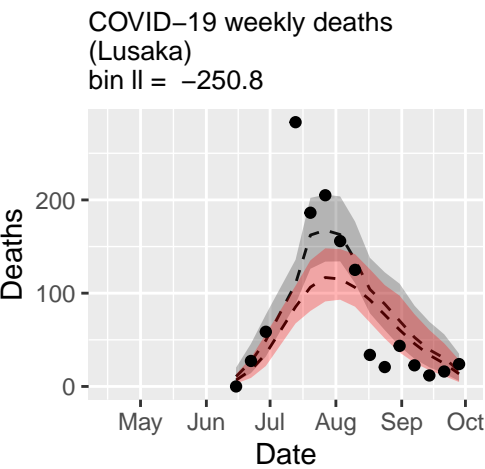
IFR x 0.6, Slope x 0.4  
COVID-19 weekly deaths (Mortuary)  
pois ll = -871.8



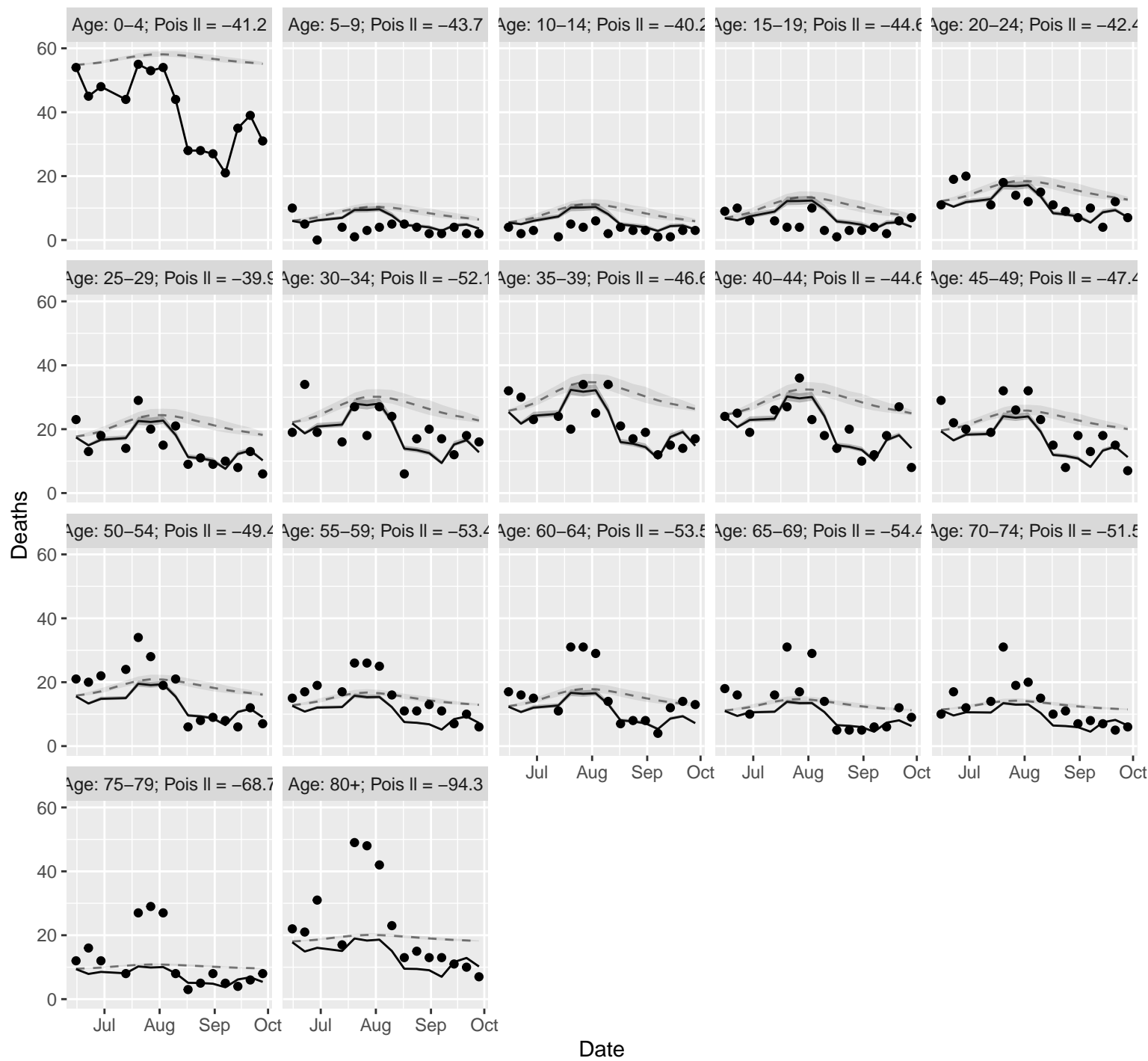
IFR x 0.6, Slope x 0.4  
Modelled COVID-19 Combined prevalence Lusaka



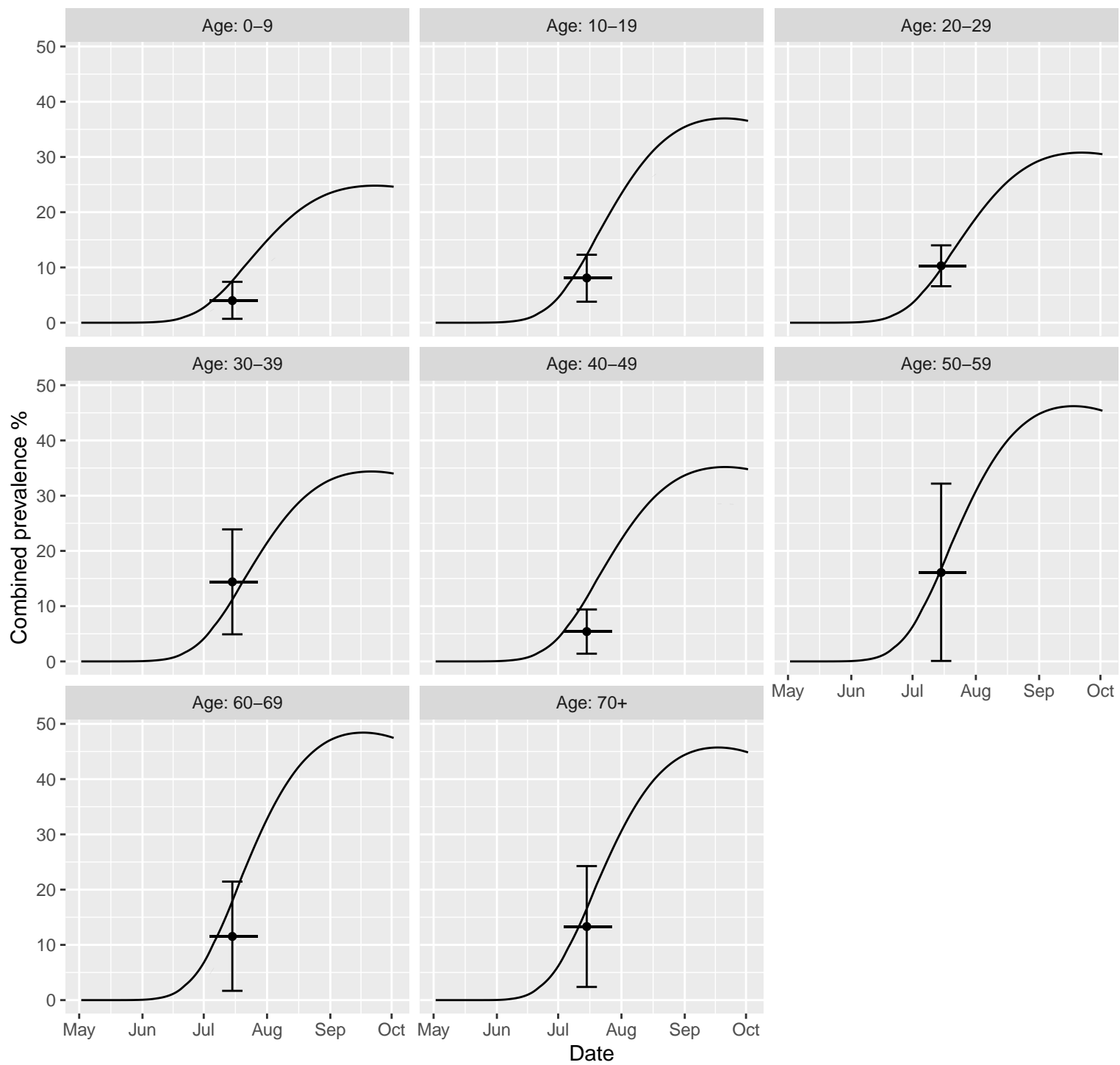


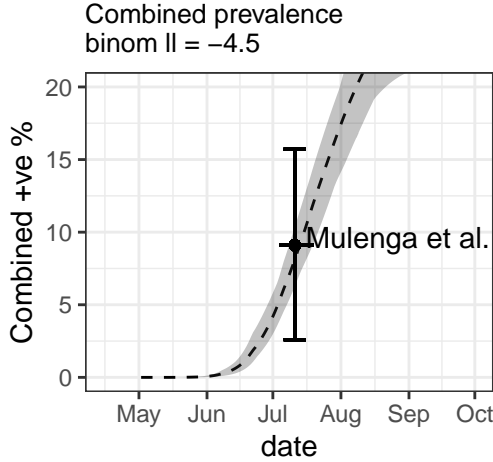
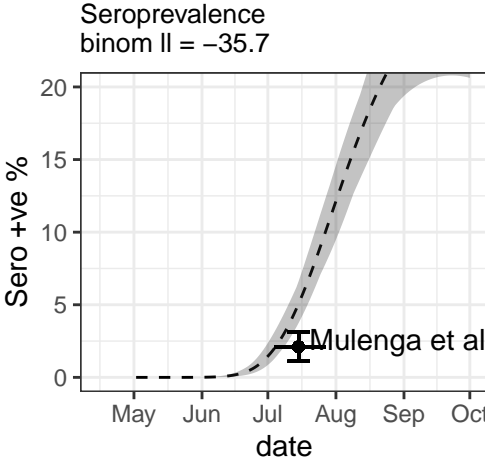
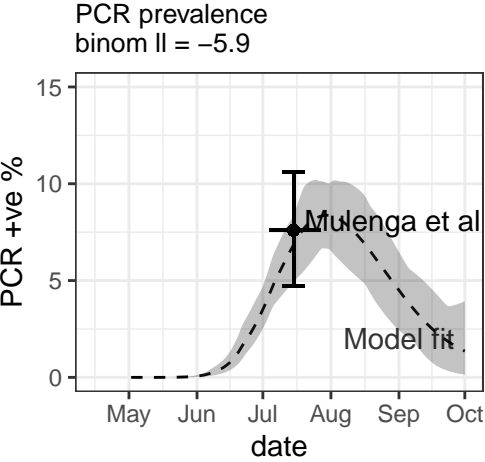
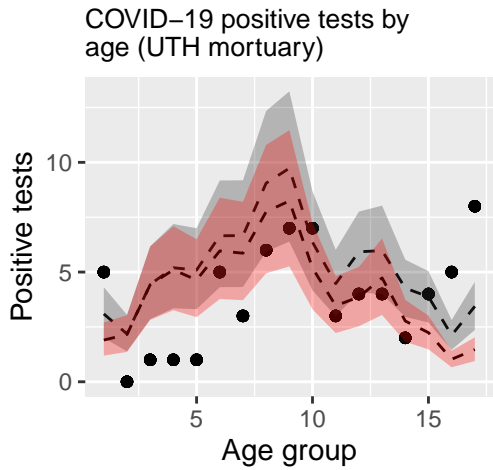
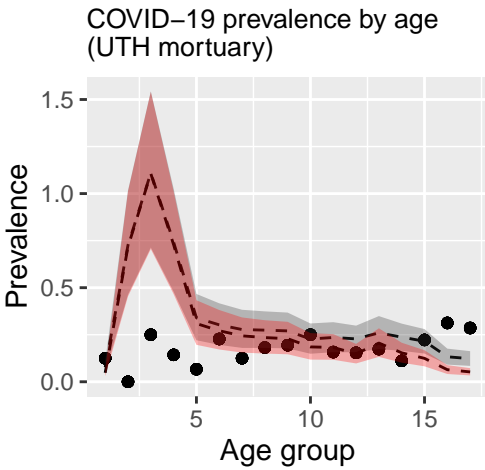
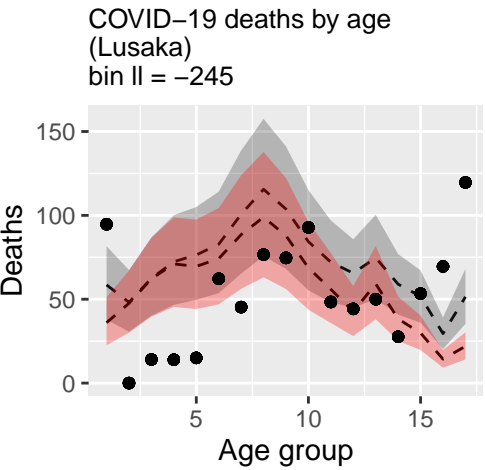
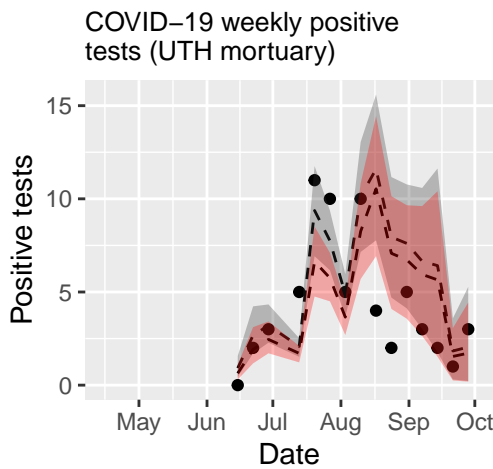
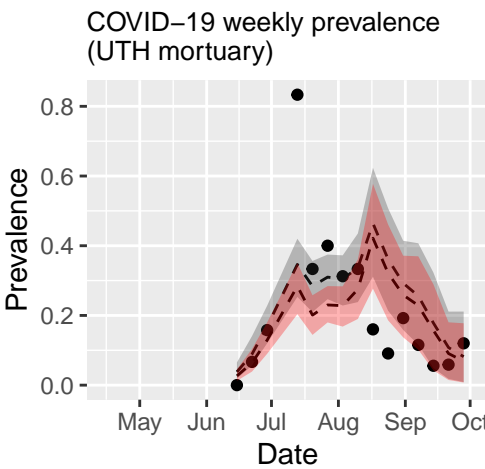
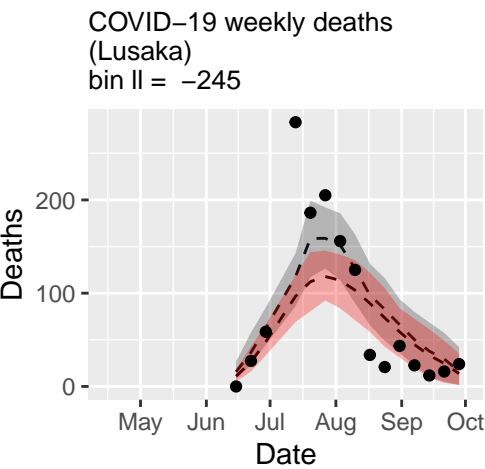


IFR x 0.8, Slope x 0.4  
COVID-19 weekly deaths (Mortuary)  
pois ll = -867.8

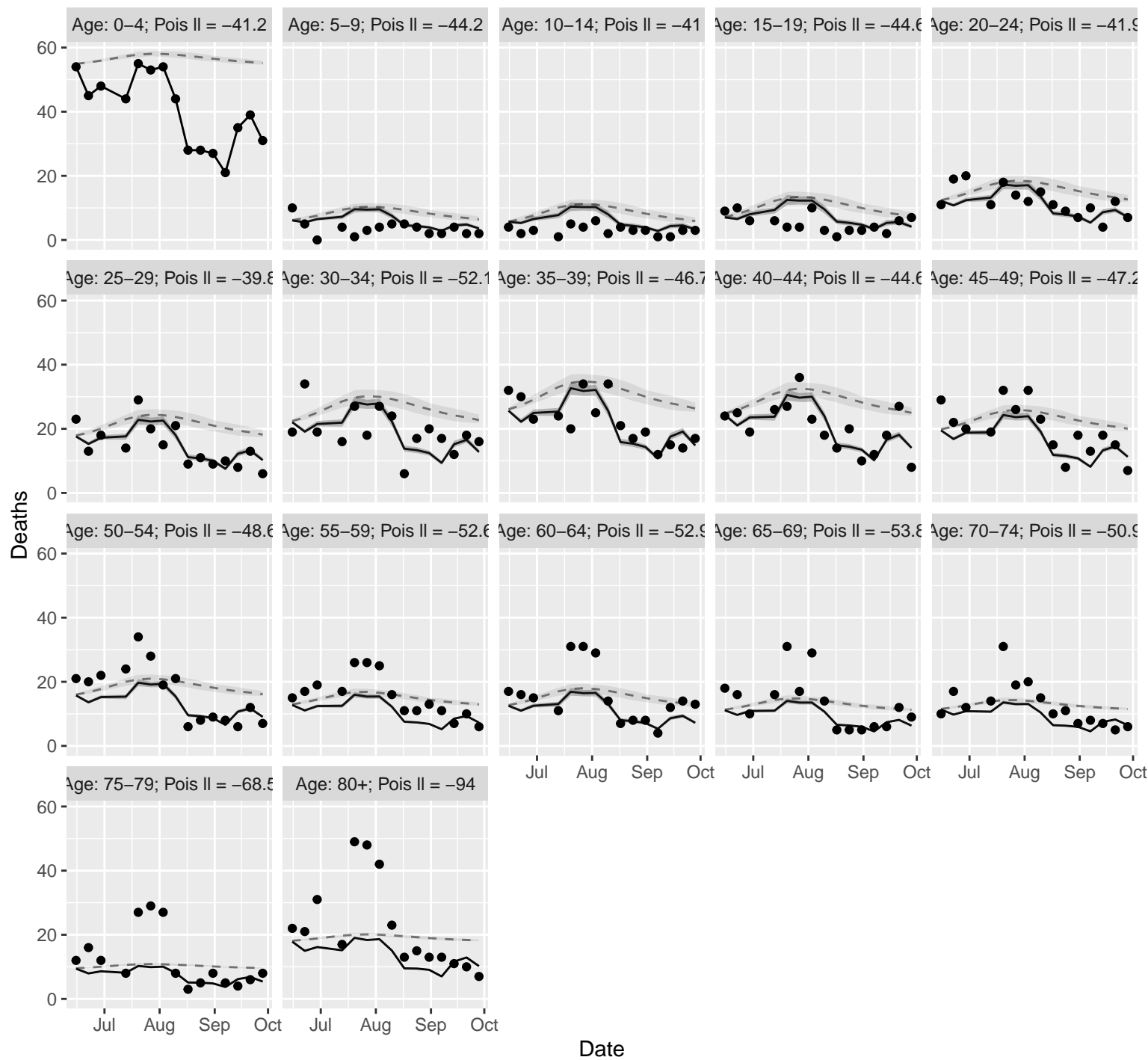


IFR x 0.8, Slope x 0.4  
Modelled COVID-19 Combined prevalence Lusaka

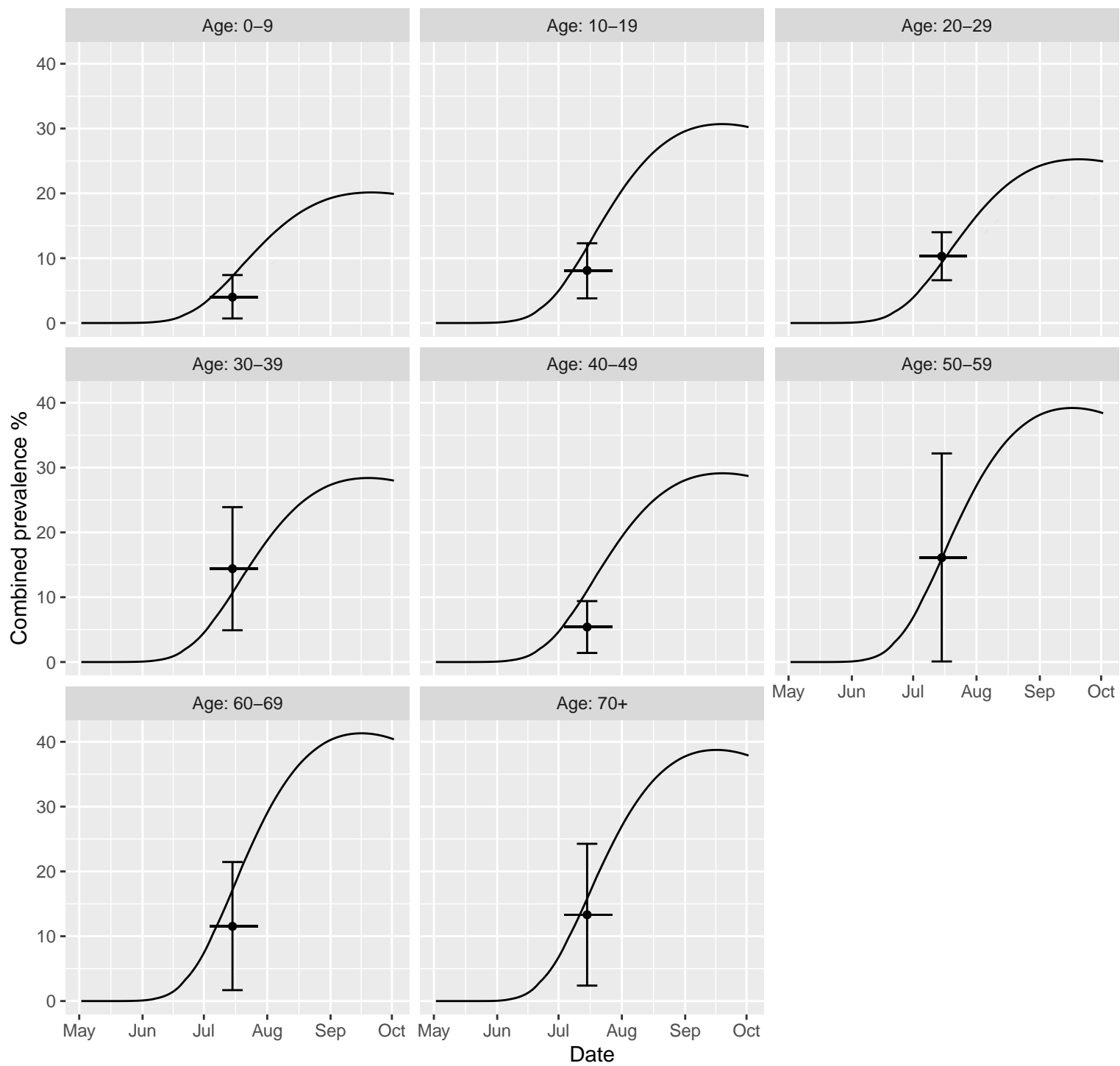


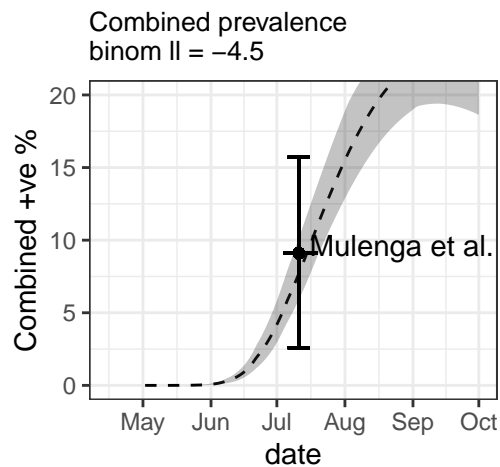
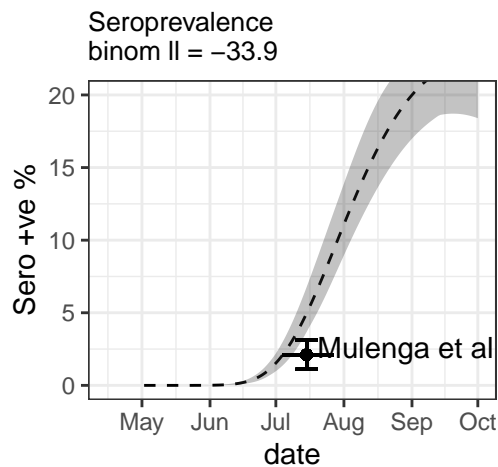
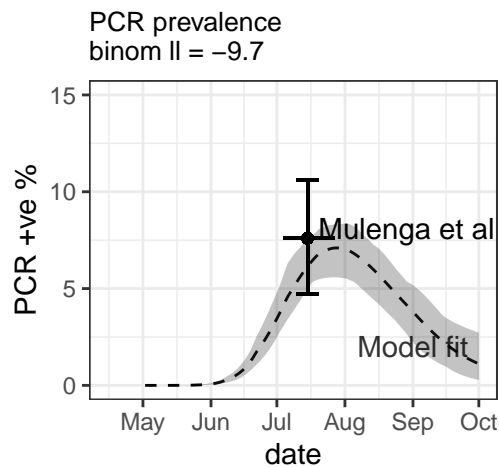
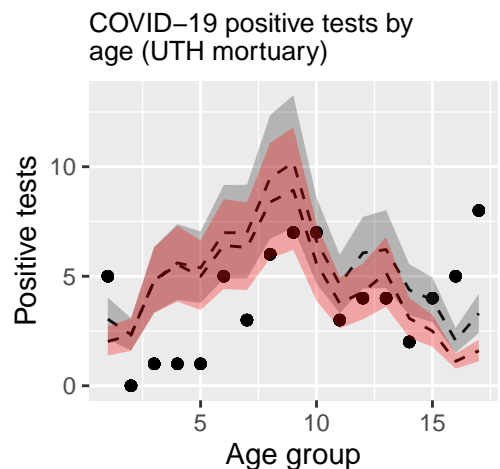
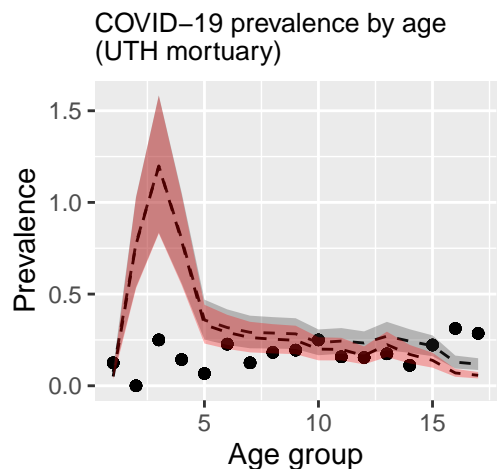
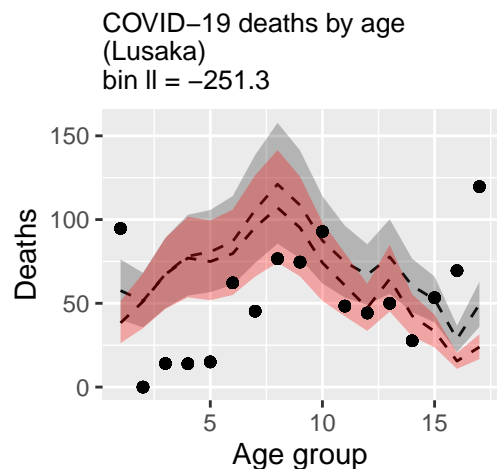
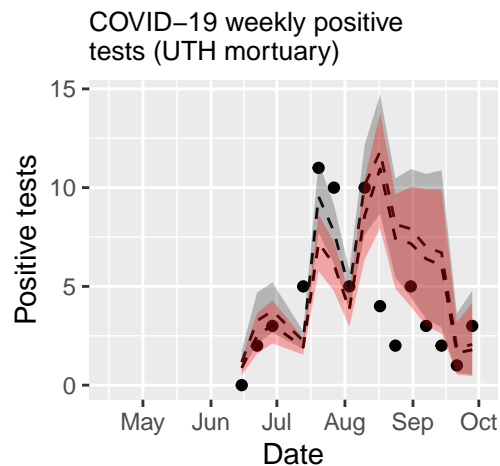
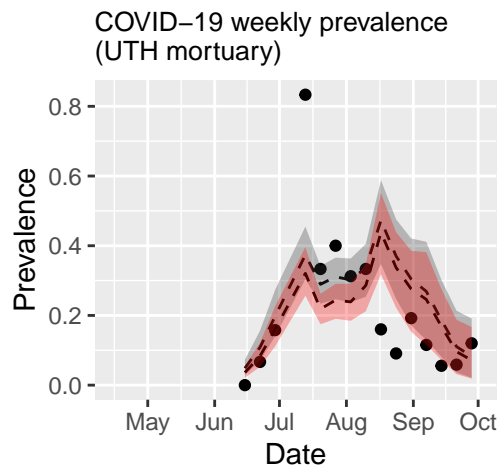
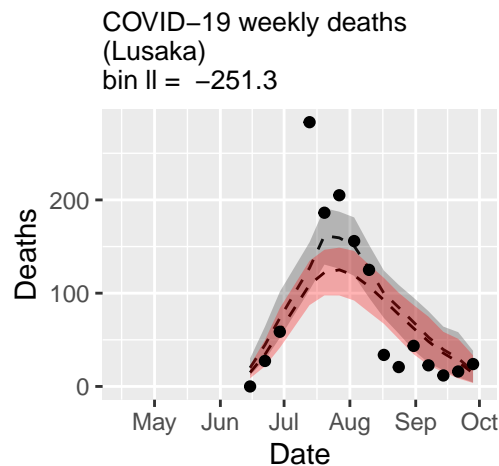


IFR x 1, Slope x 0.4  
COVID-19 weekly deaths (Mortuary)  
pois ll = -864.7

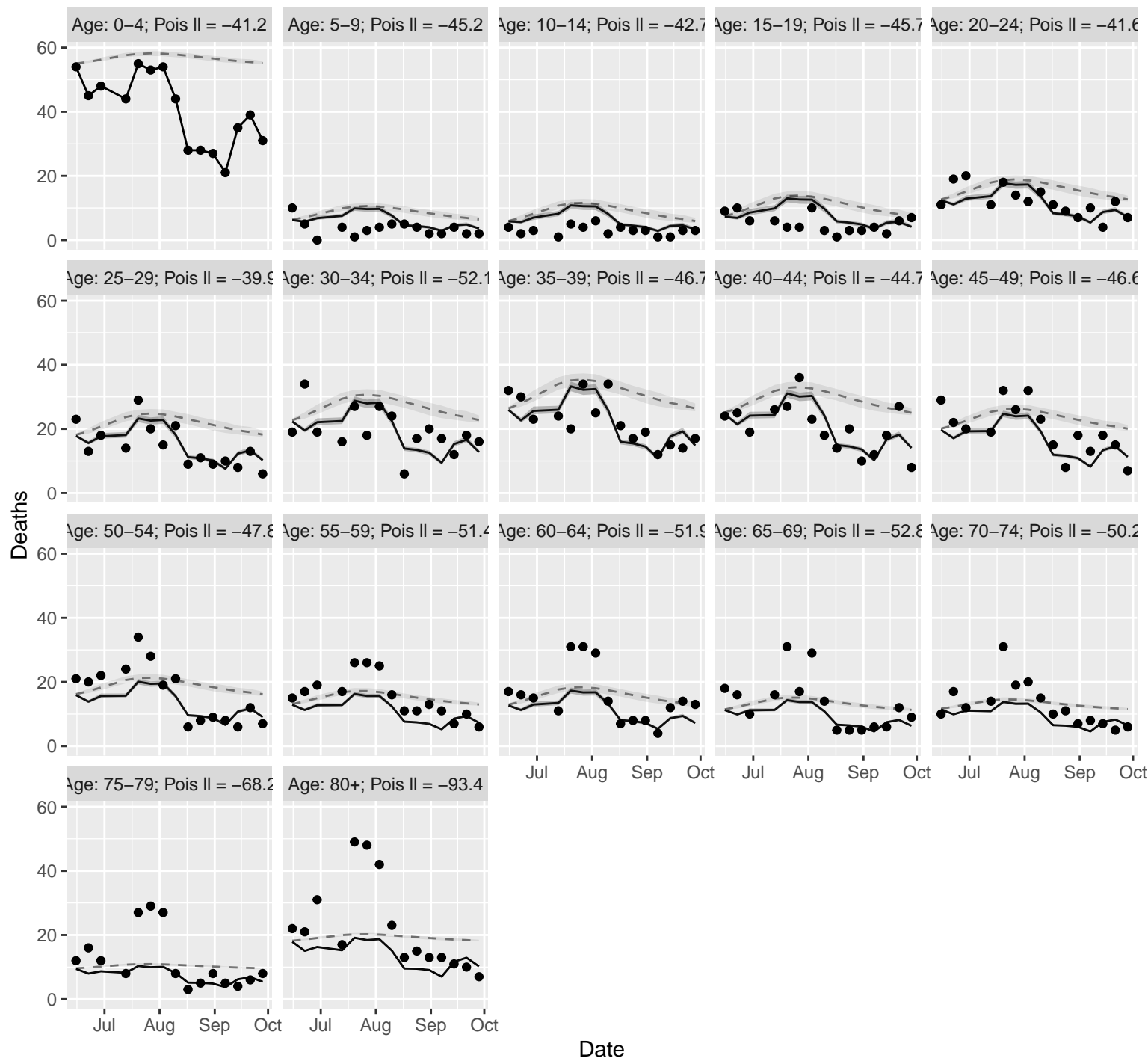


IFR x 1, Slope x 0.4  
Modelled COVID-19 Combined prevalence Lusaka



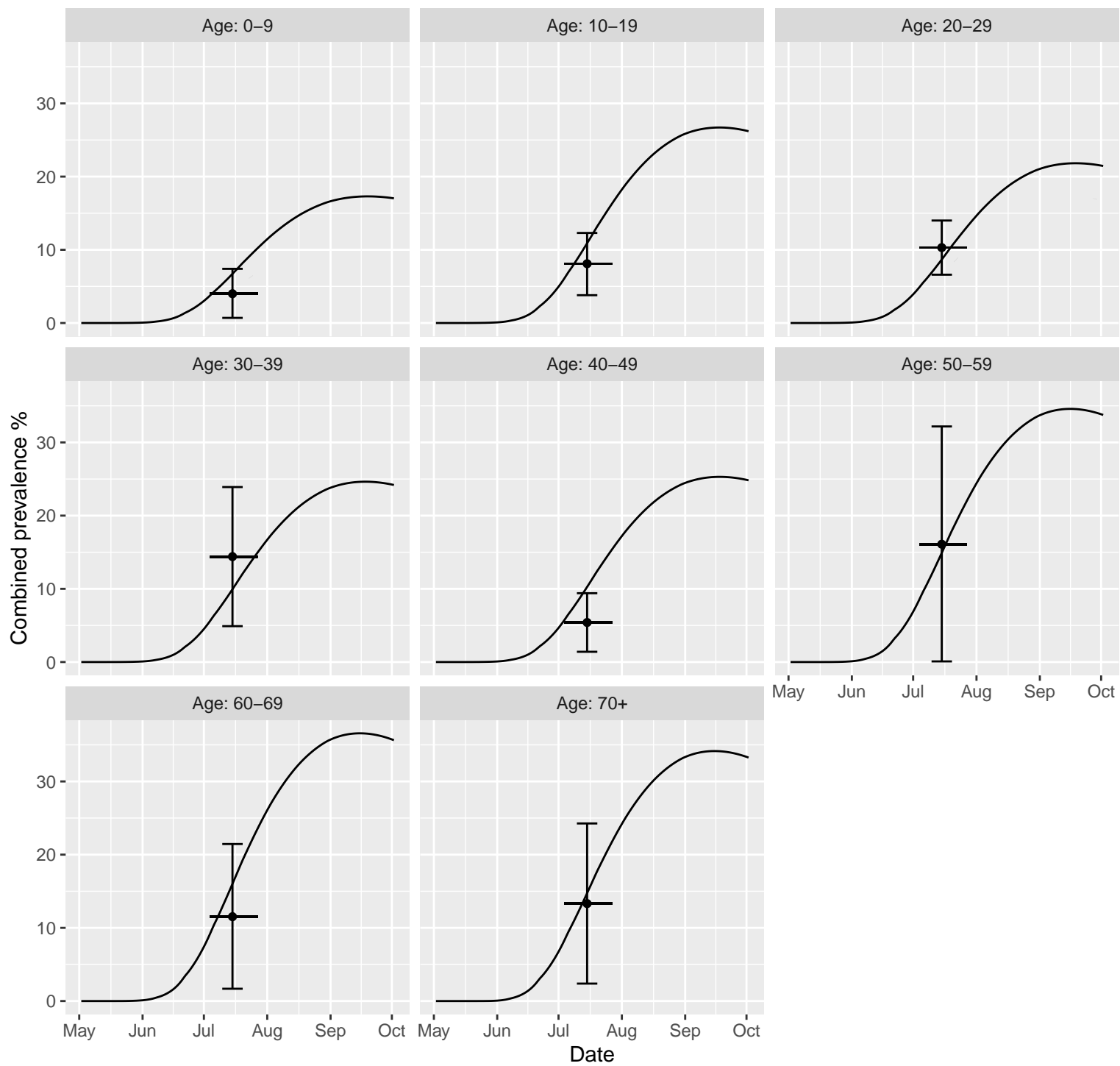


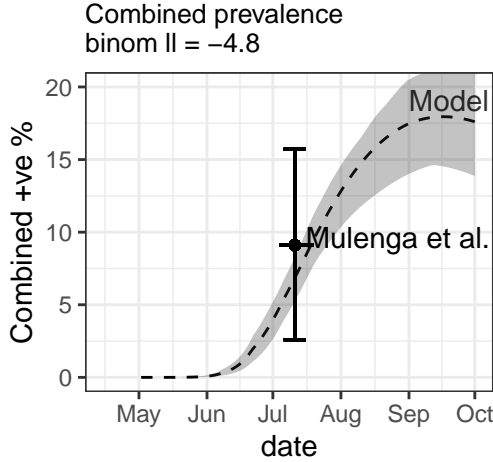
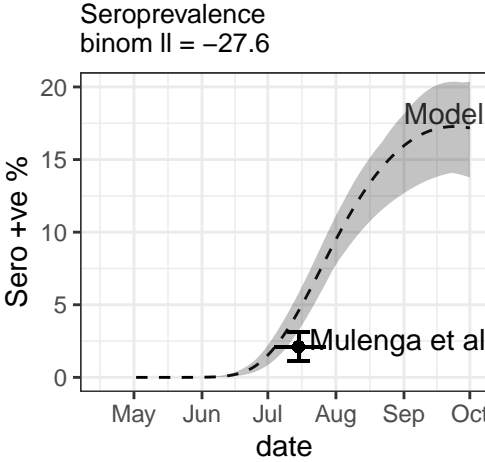
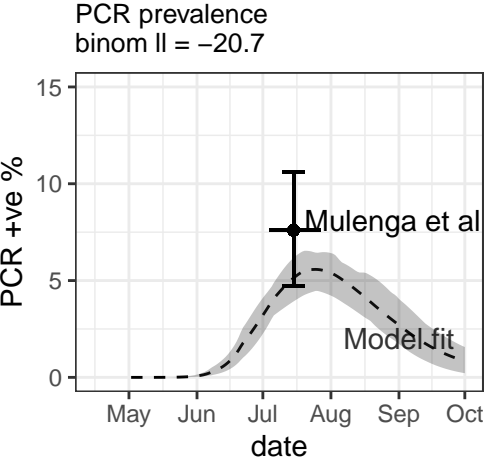
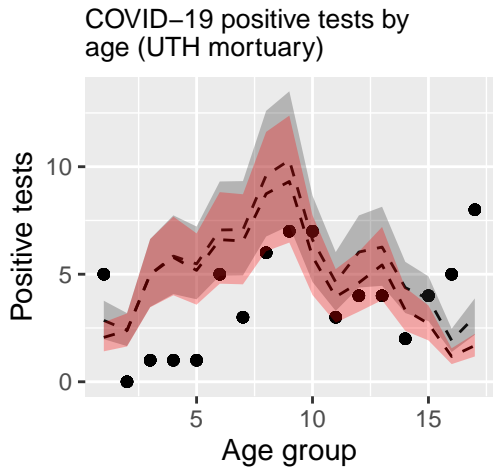
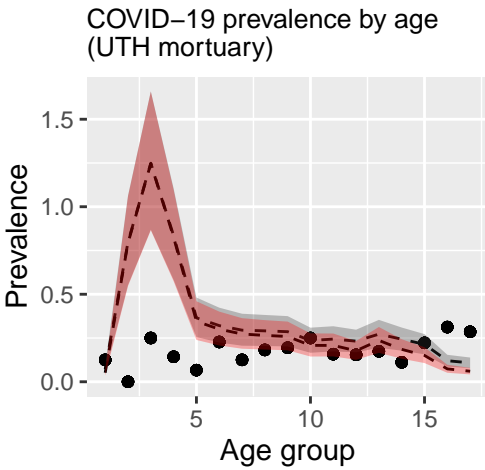
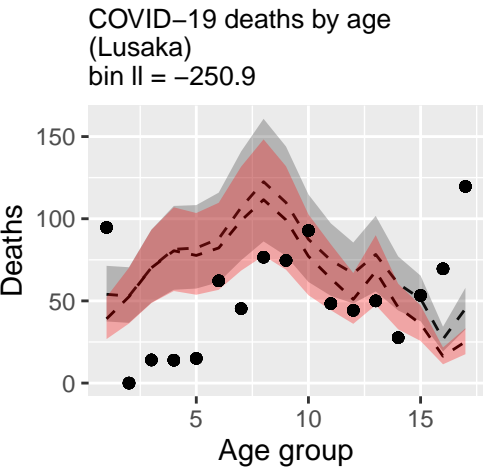
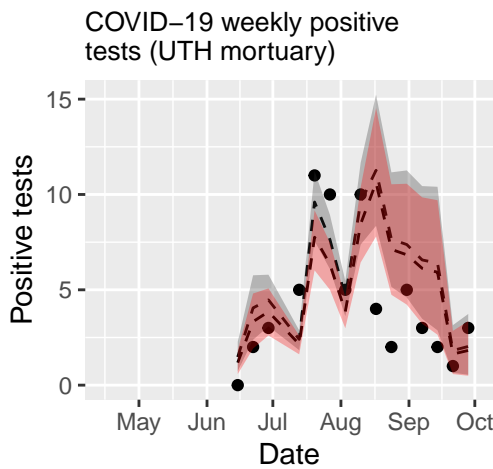
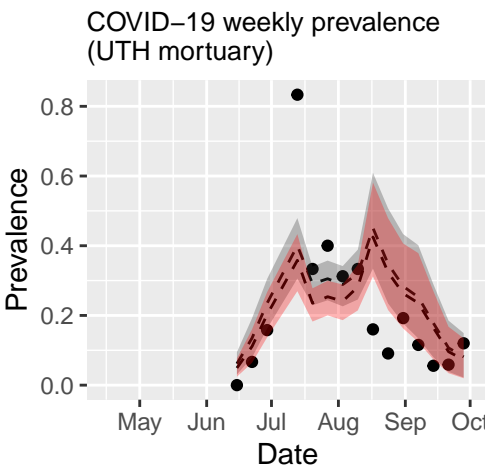
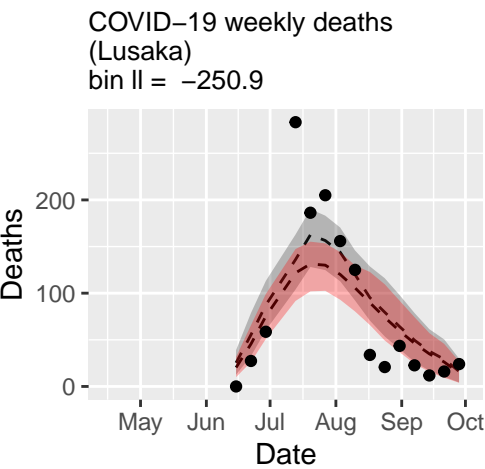
IFR x 1.25, Slope x 0.4  
COVID-19 weekly deaths (Mortuary)  
pois ll = -862



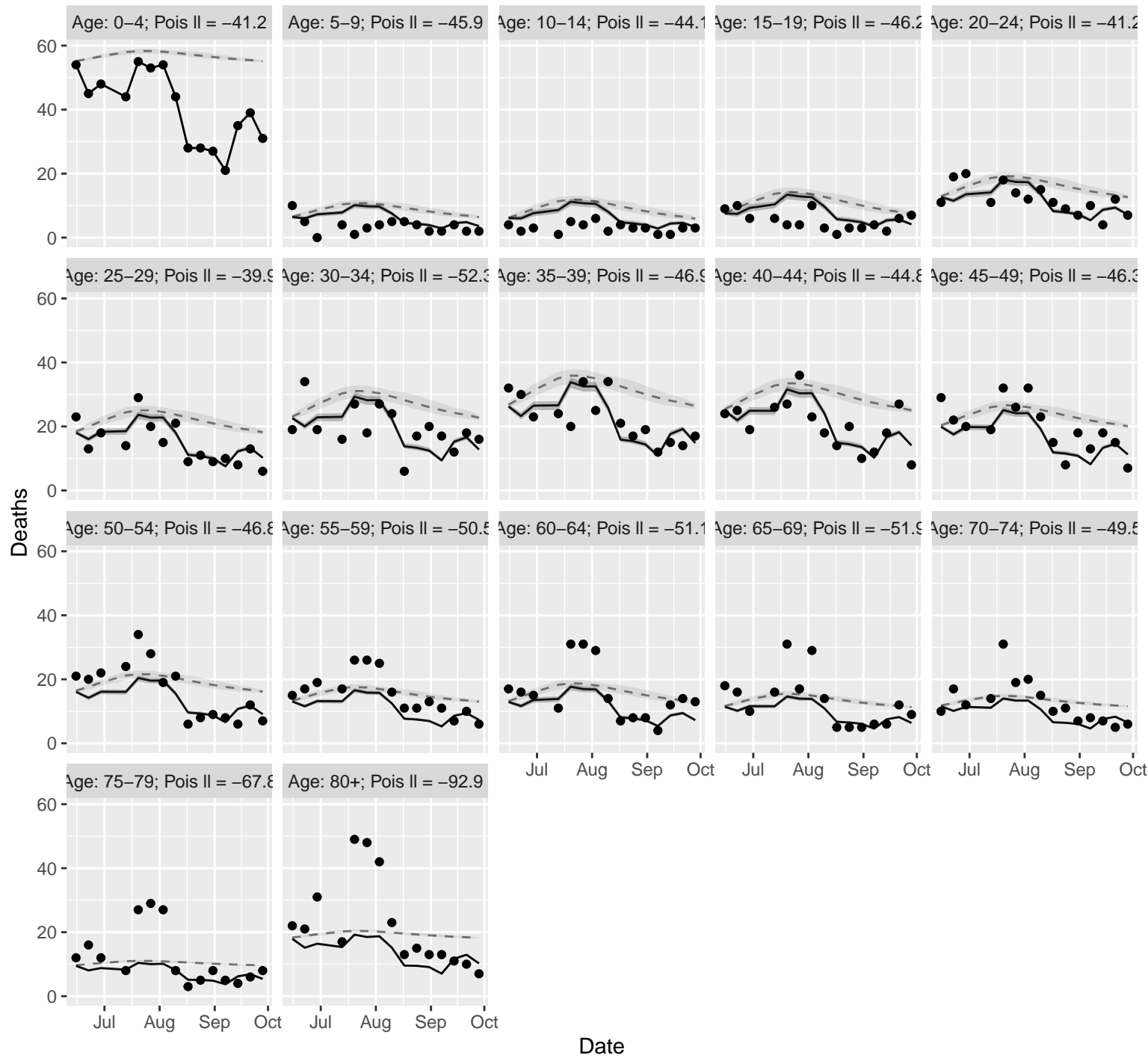


IFR x 1.25, Slope x 0.4  
Modelled COVID-19 Combined prevalence Lusaka

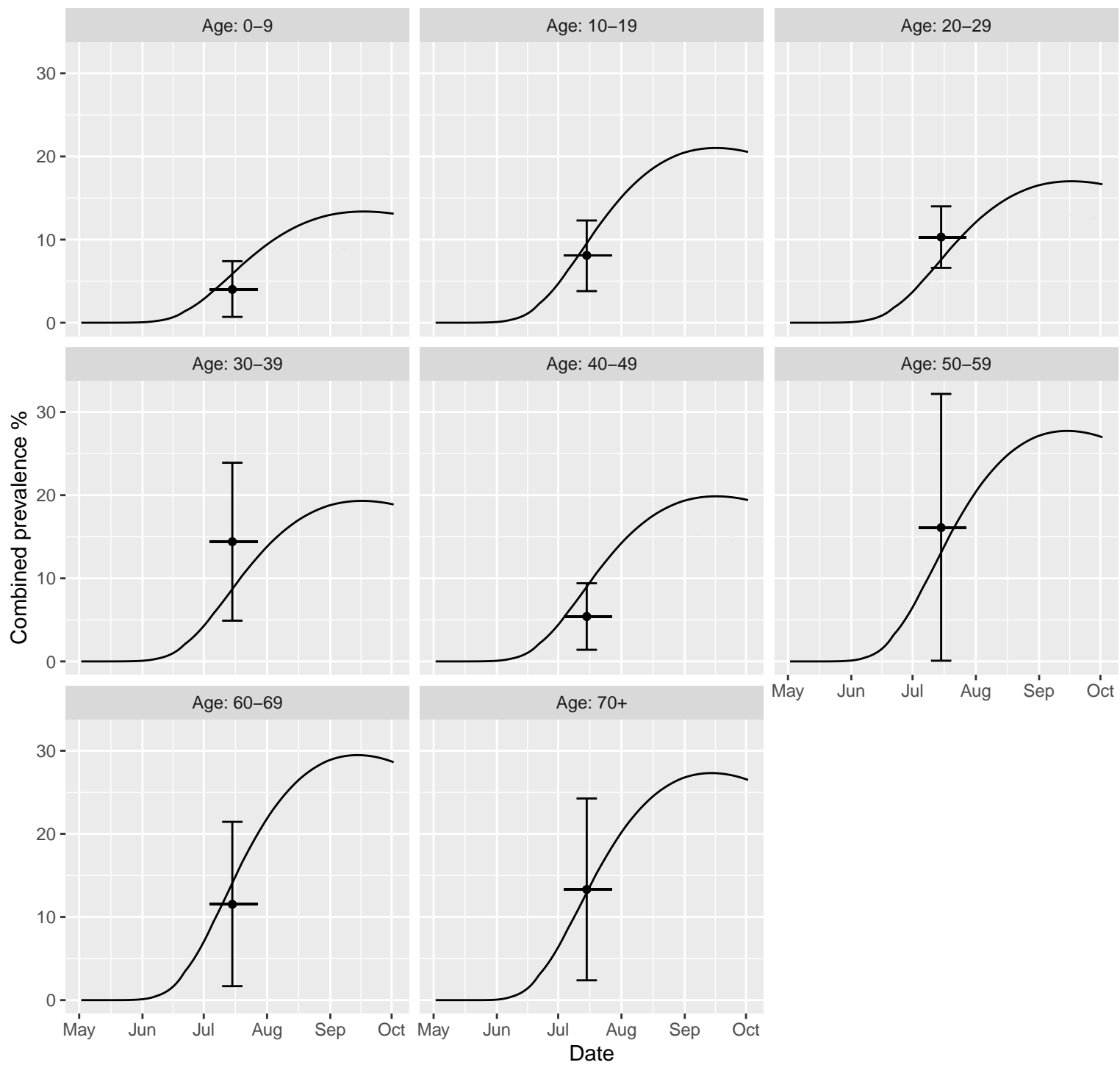




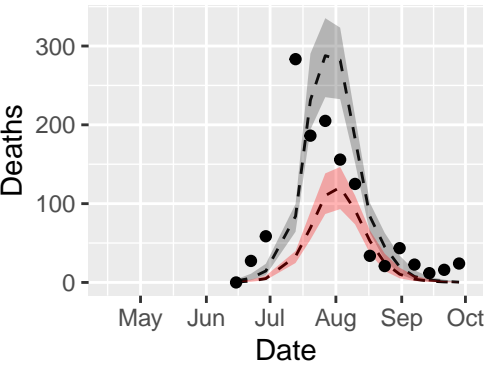
IFR x 1.66666666666667, Slope x 0.4  
COVID-19 weekly deaths (Mortuary)  
pois ll = -859.4



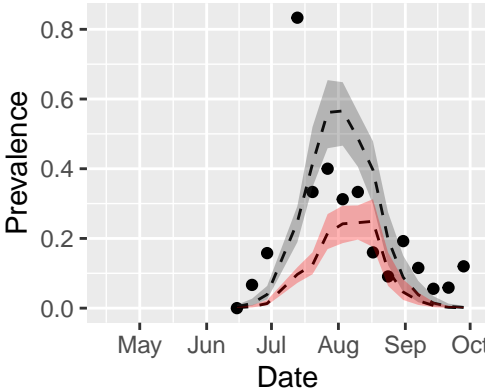
IFR x 1.66666666666667, Slope x 0.4  
Modelled COVID-19 Combined prevalence Lusaka



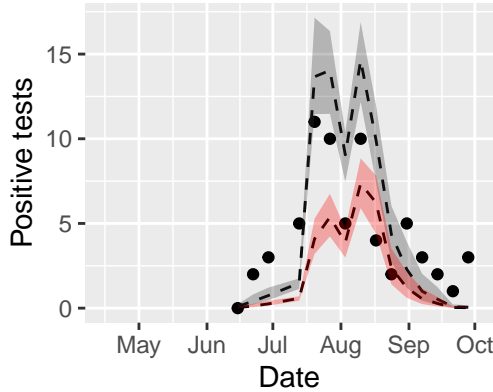
COVID-19 weekly deaths  
(Lusaka)  
bin II = -192.1



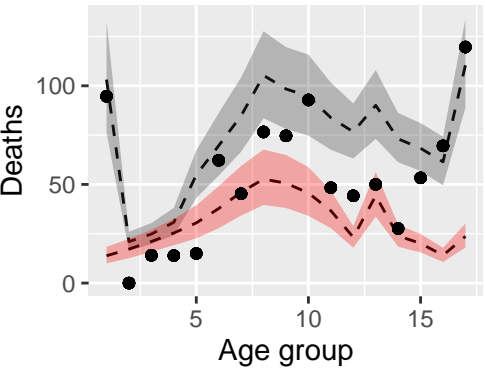
COVID-19 weekly prevalence  
(UTH mortuary)



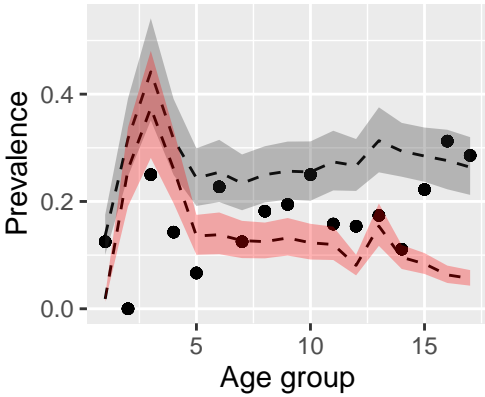
COVID-19 weekly positive tests  
(UTH mortuary)



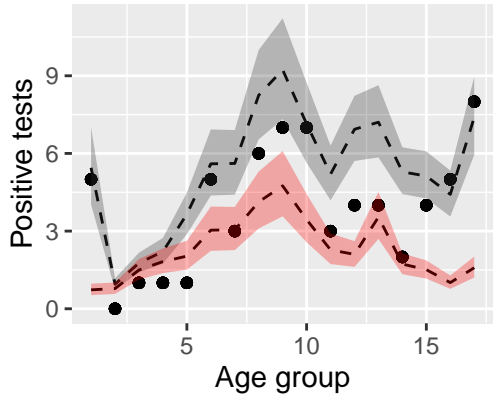
COVID-19 deaths by age  
(Lusaka)  
bin II = -192.1



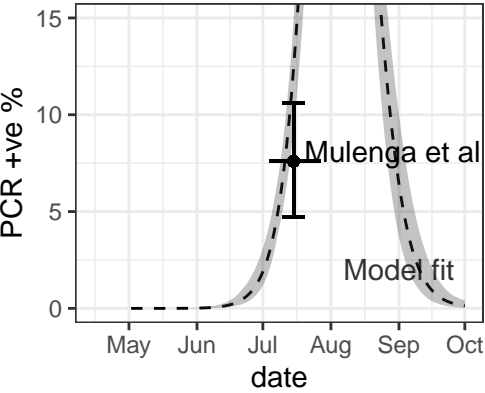
COVID-19 prevalence by age  
(UTH mortuary)



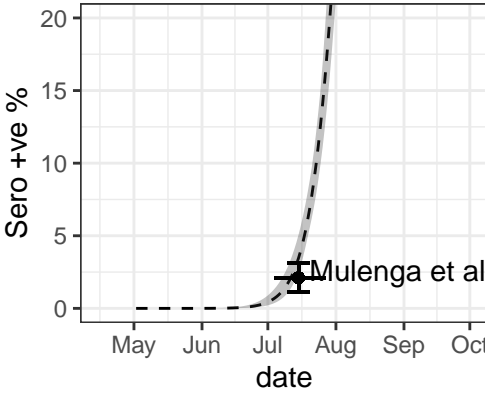
COVID-19 positive tests by age  
(UTH mortuary)



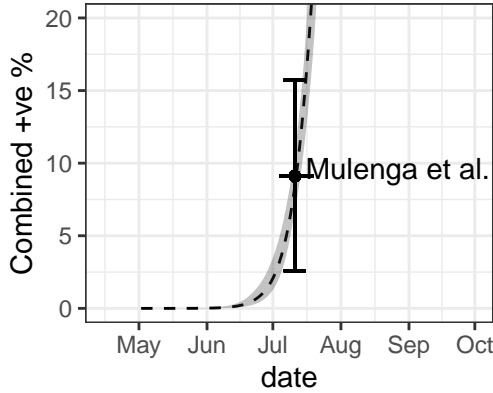
PCR prevalence  
binom II = -41.2



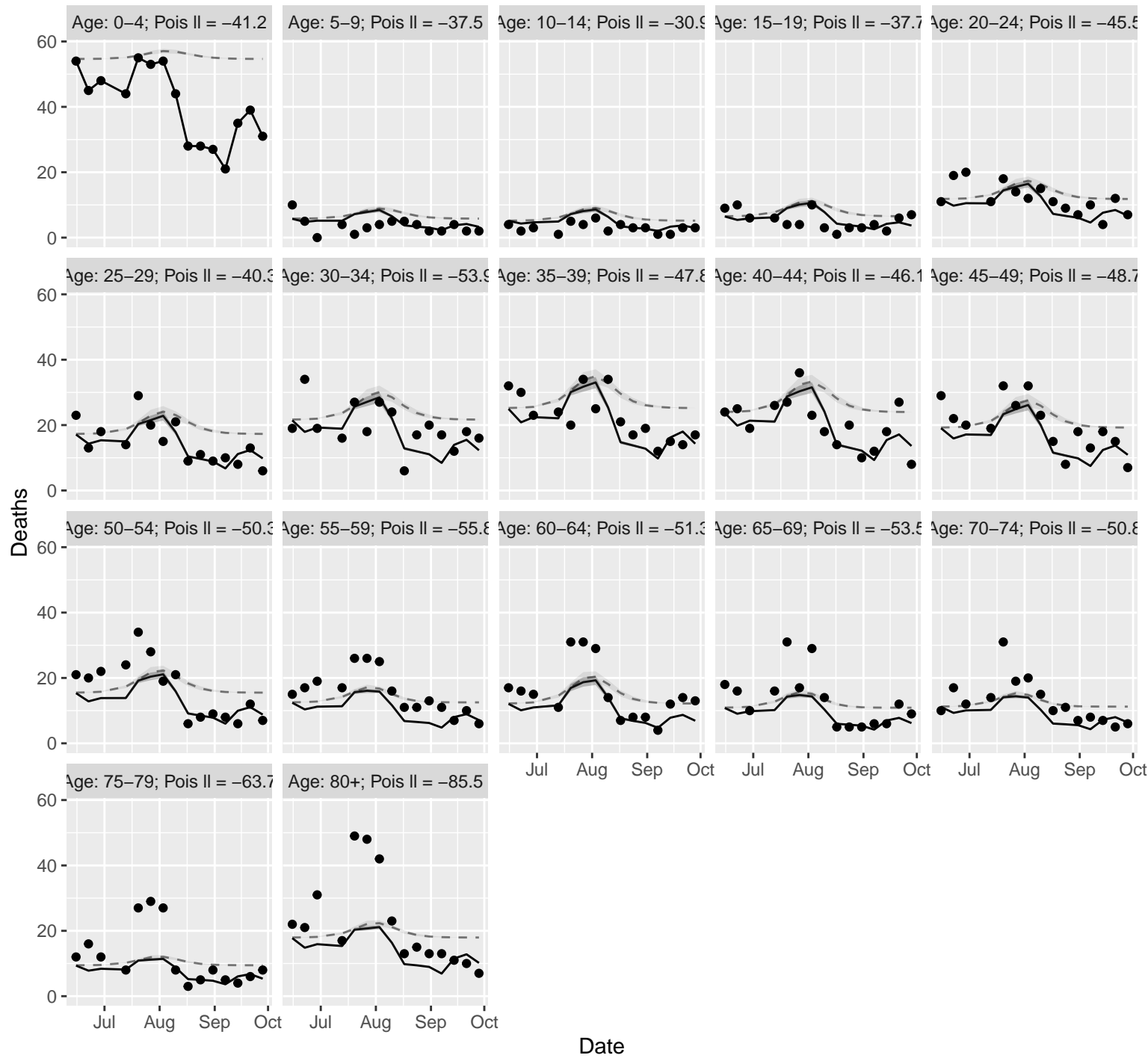
Seroprevalence  
binom II = -12.9



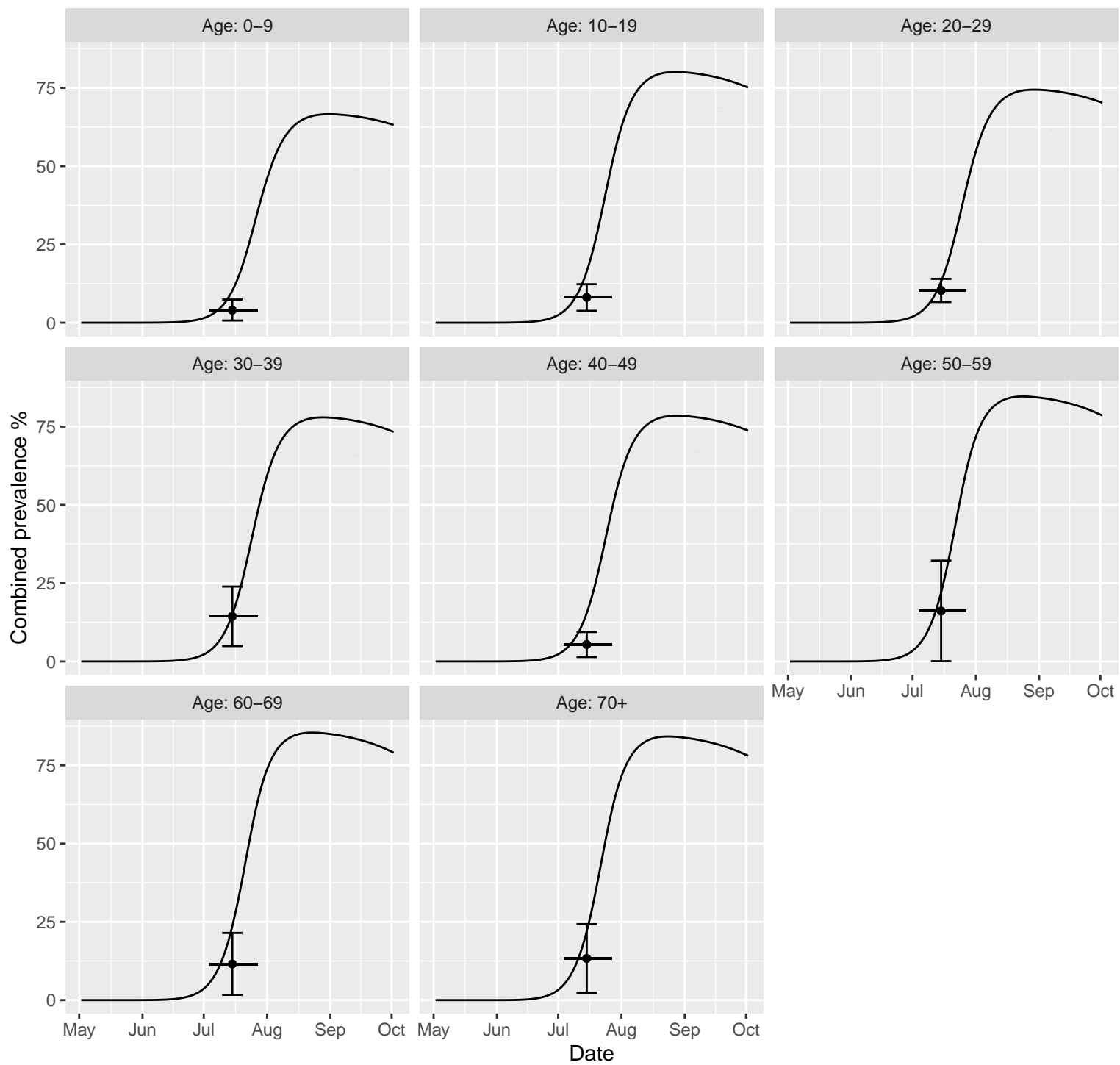
Combined prevalence  
binom II = -13.5

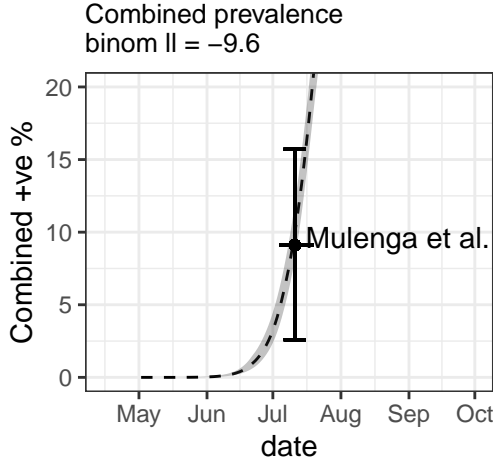
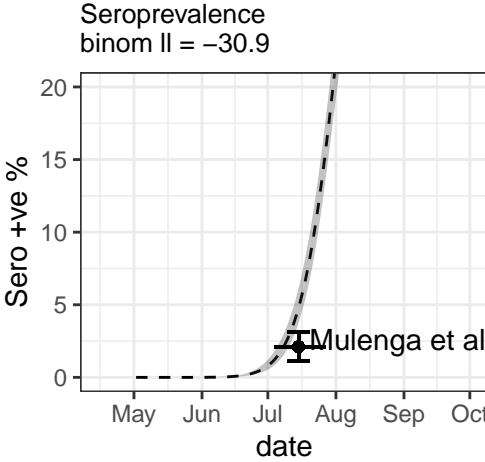
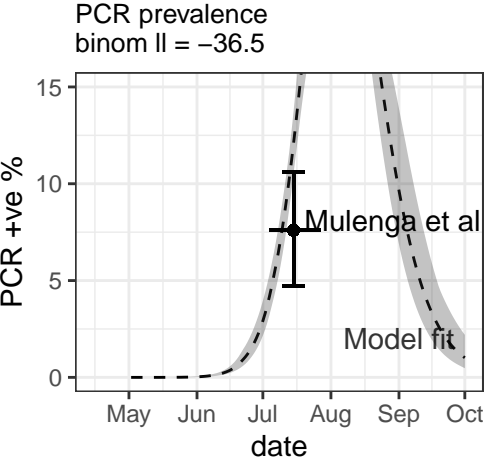
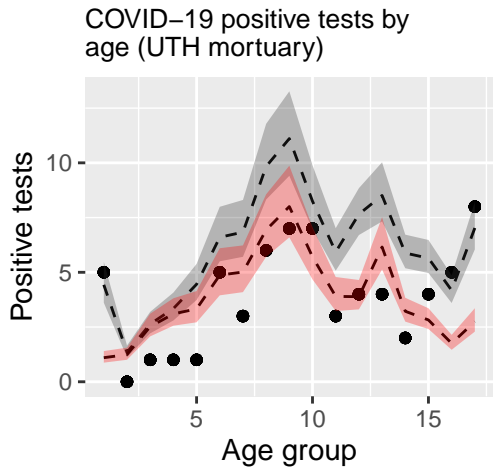
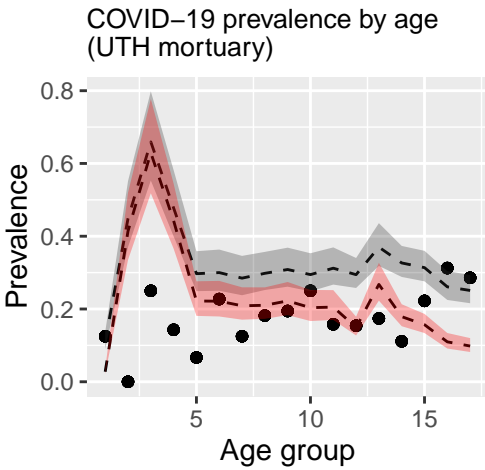
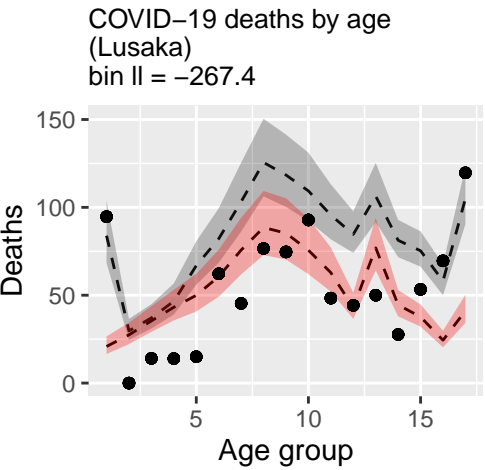
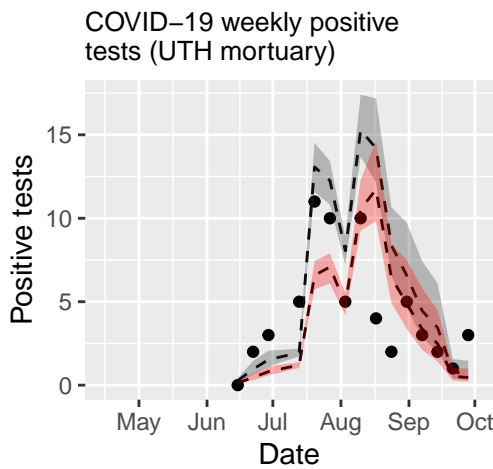
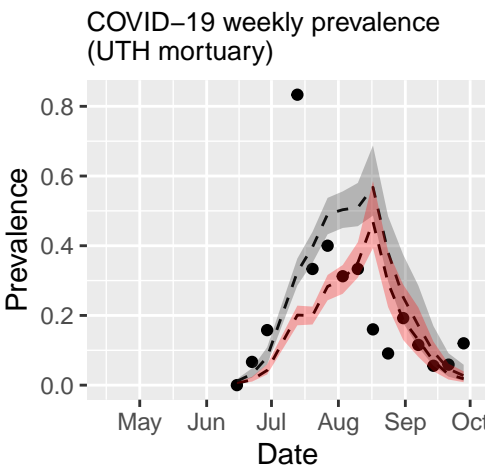
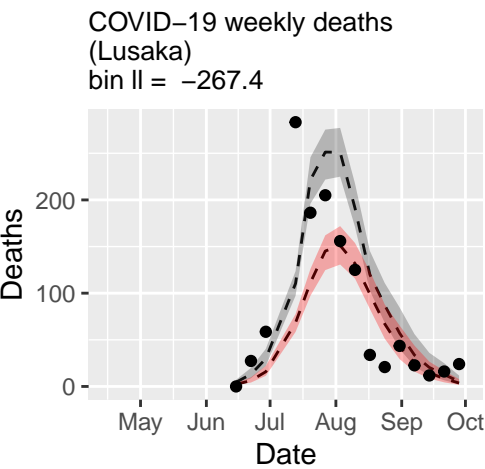


IFR x 0.2, Slope x 0.6  
COVID-19 weekly deaths (Mortuary)  
pois ll = -840.5



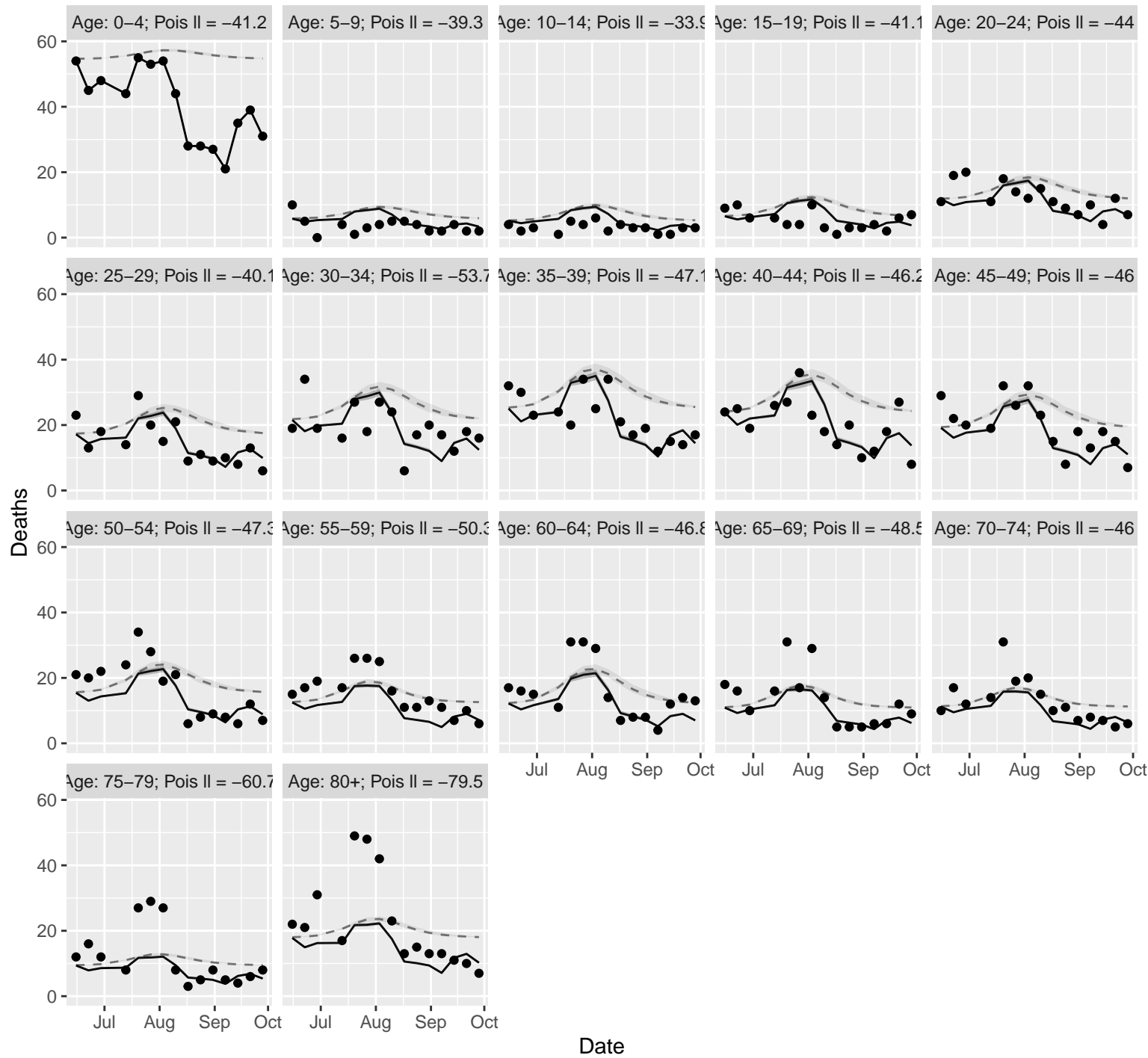
IFR x 0.2, Slope x 0.6  
Modelled COVID-19 Combined prevalence Lusaka



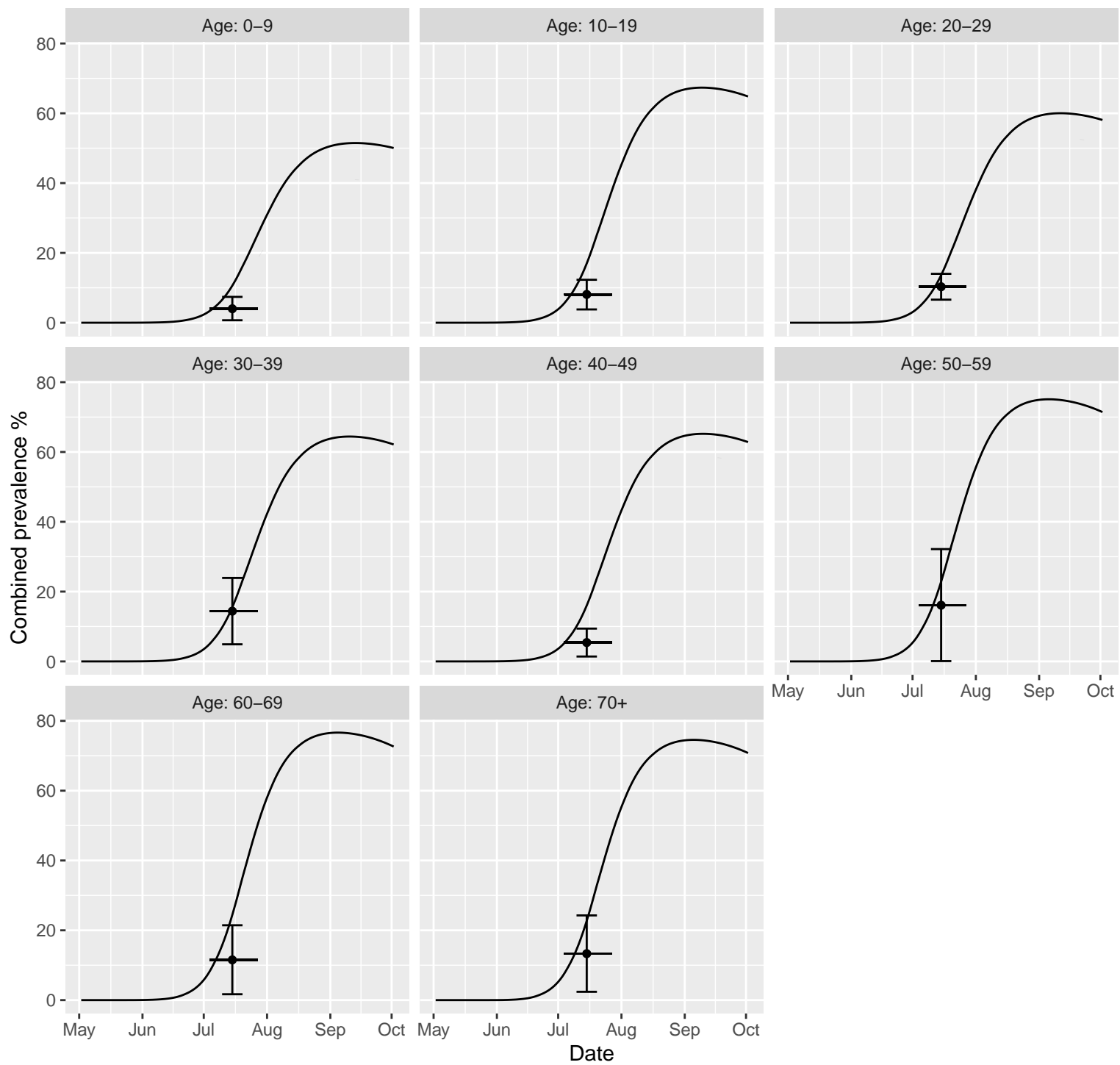


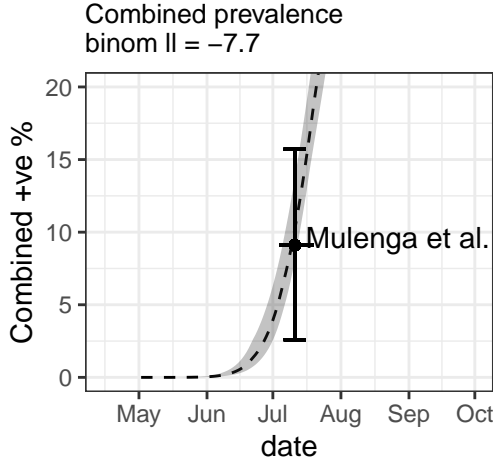
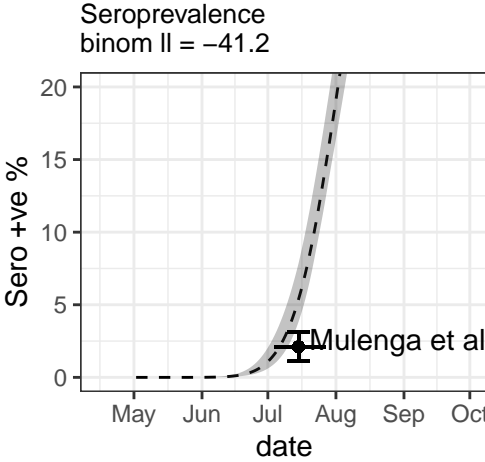
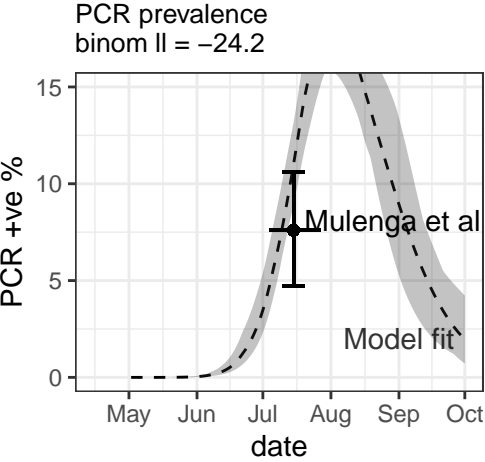
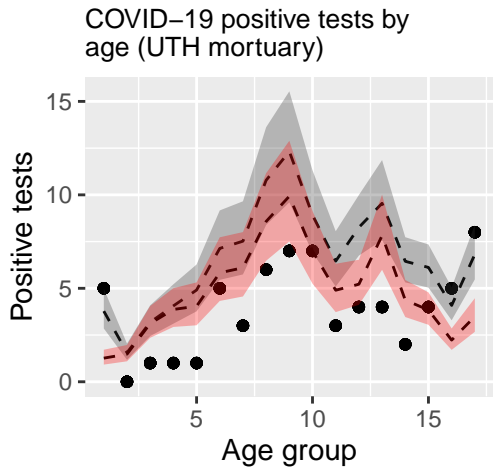
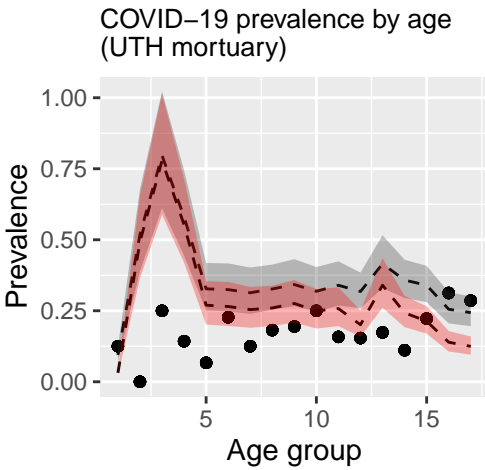
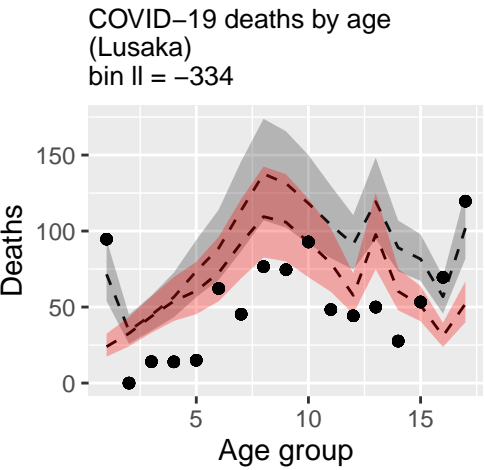
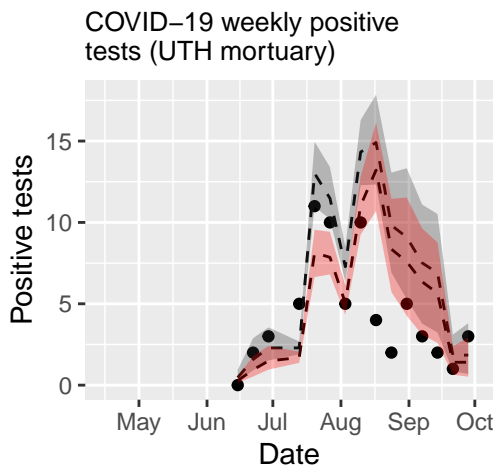
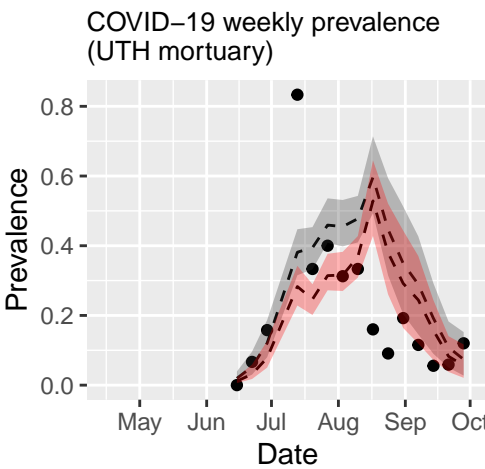
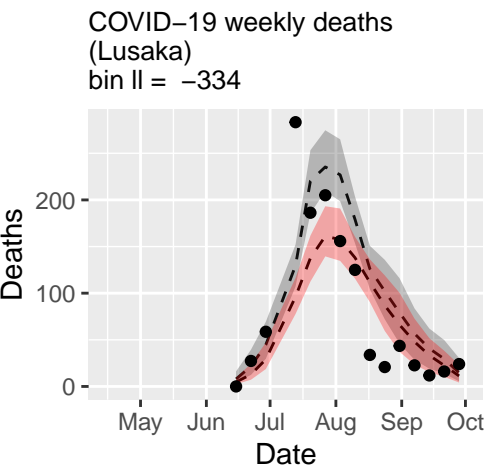


IFR x 0.4, Slope x 0.6  
COVID-19 weekly deaths (Mortuary)  
pois ll = -811.6

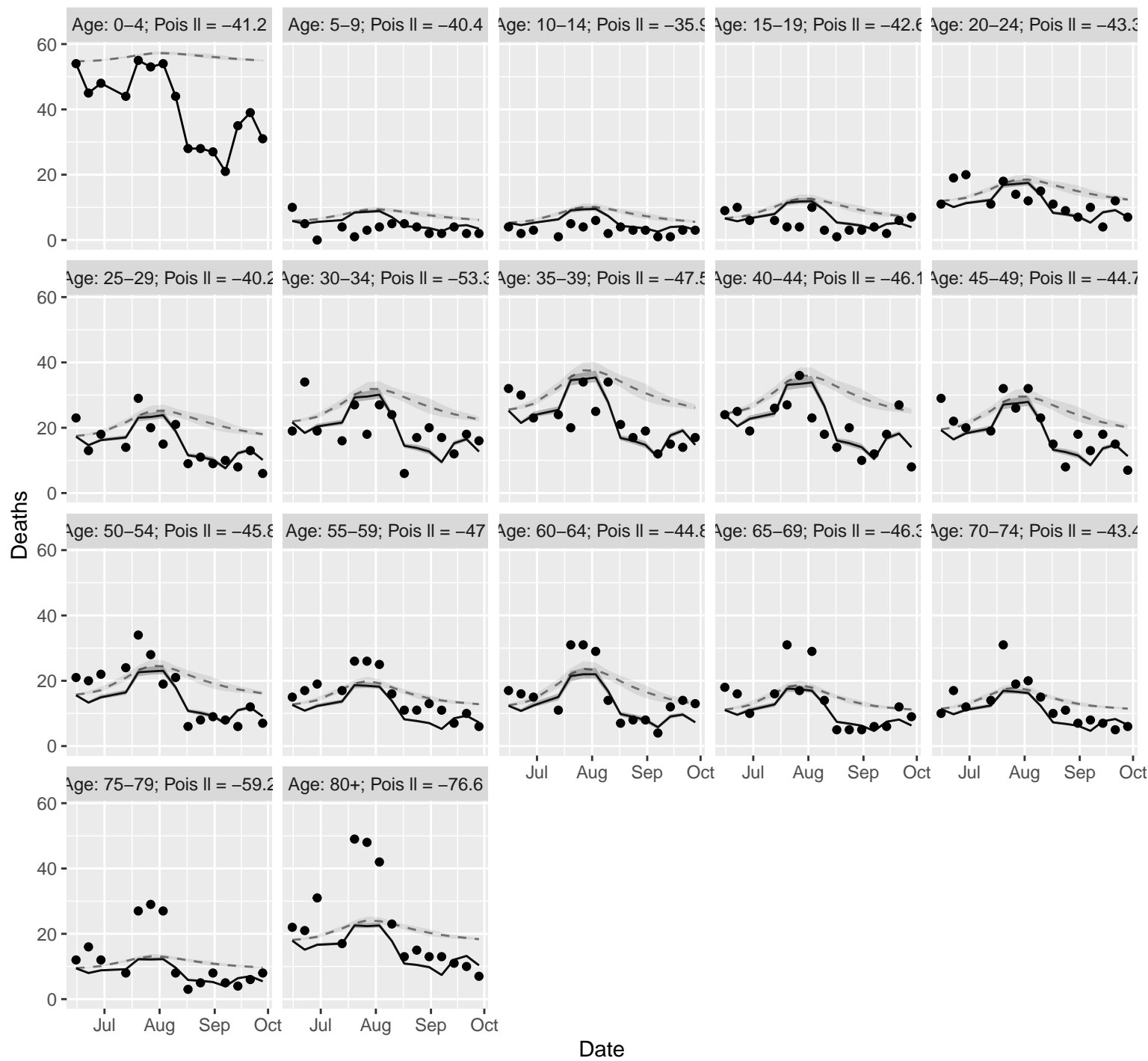


IFR x 0.4, Slope x 0.6  
Modelled COVID-19 Combined prevalence Lusaka

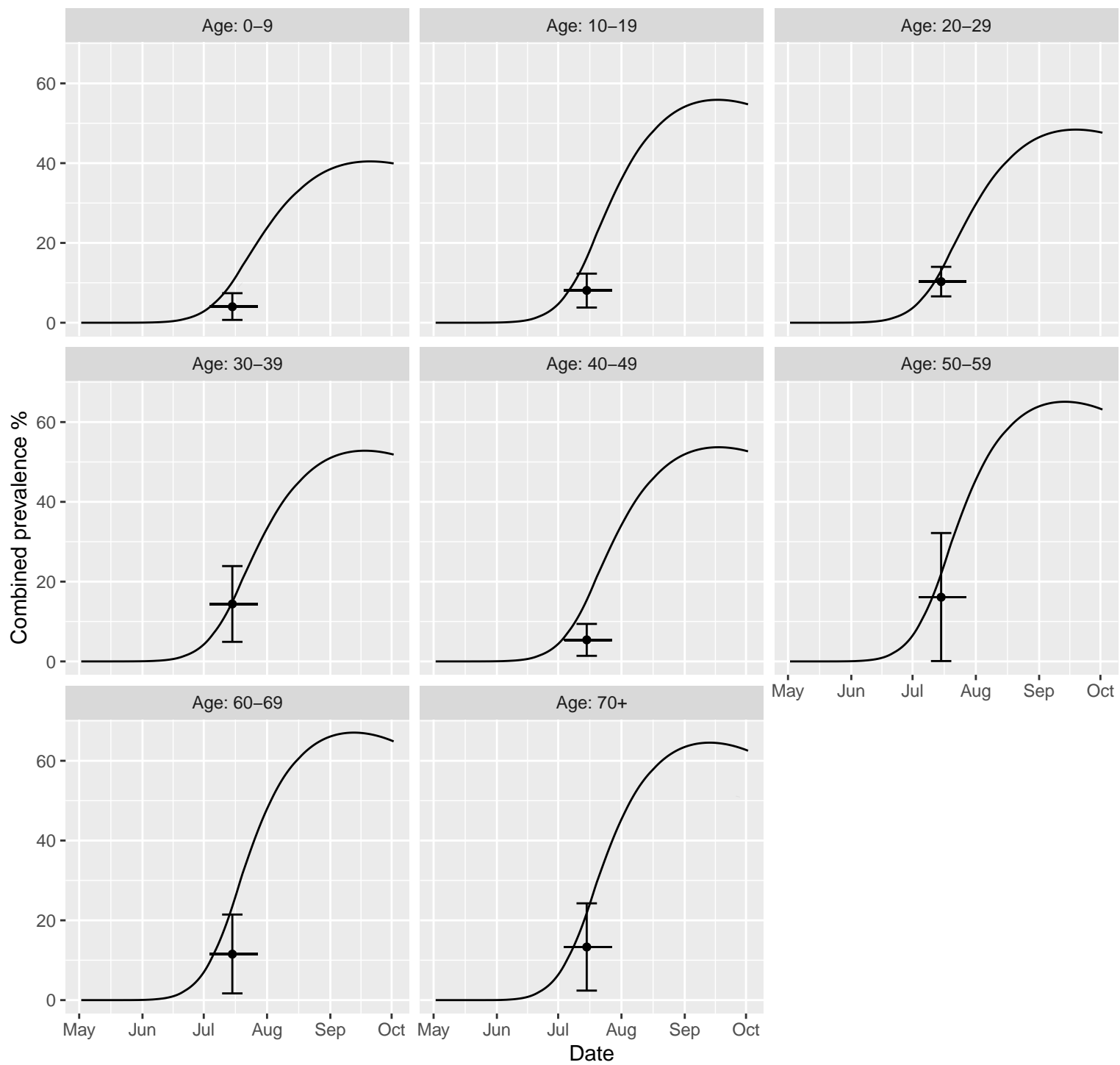


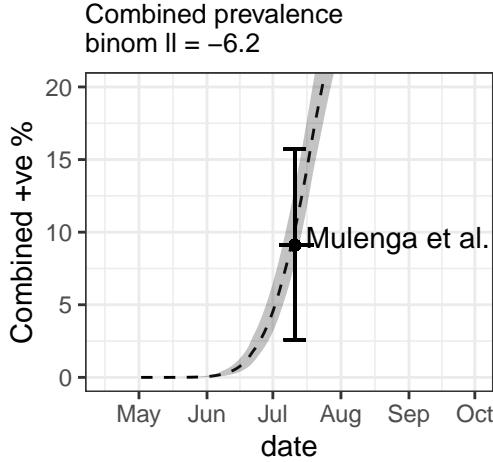
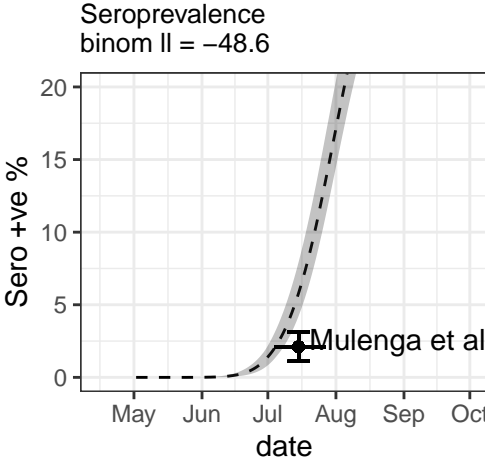
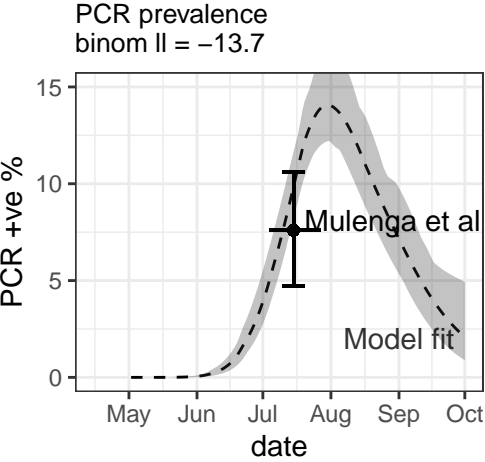
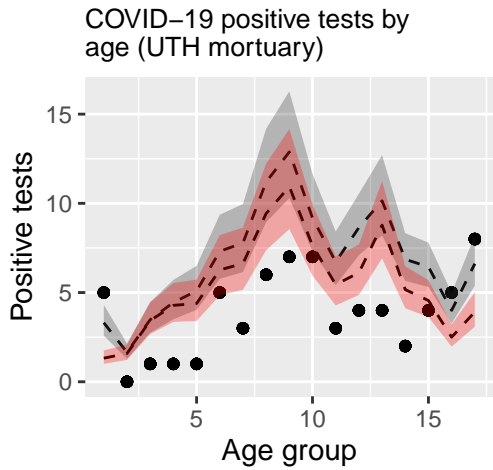
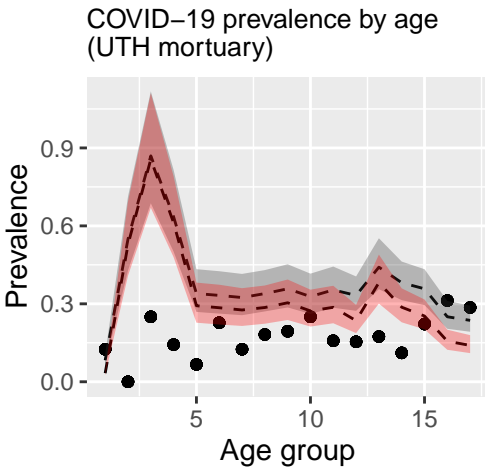
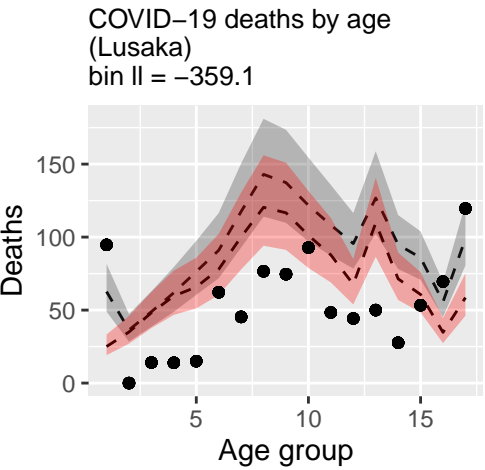
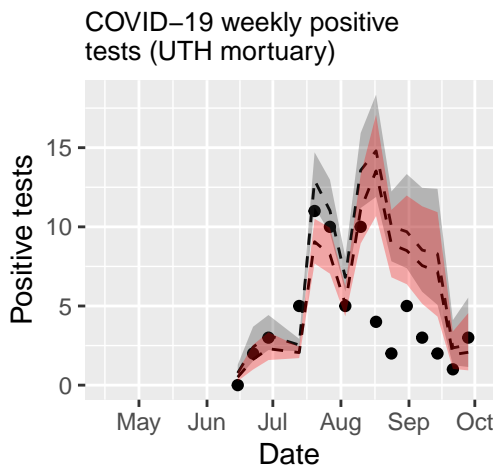
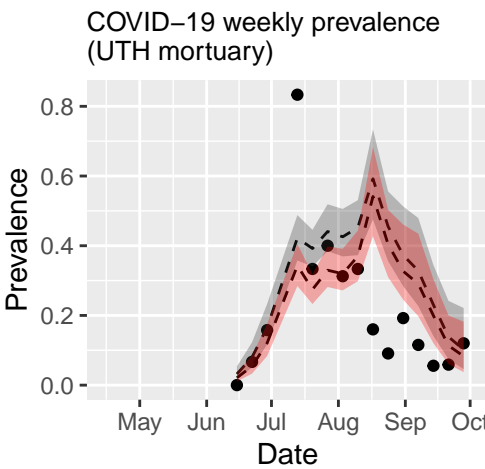
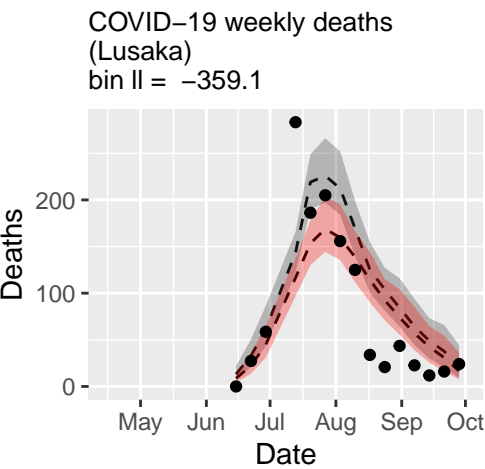


IFR x 0.6, Slope x 0.6  
 COVID-19 weekly deaths (Mortuary)  
 pois II = -798.5

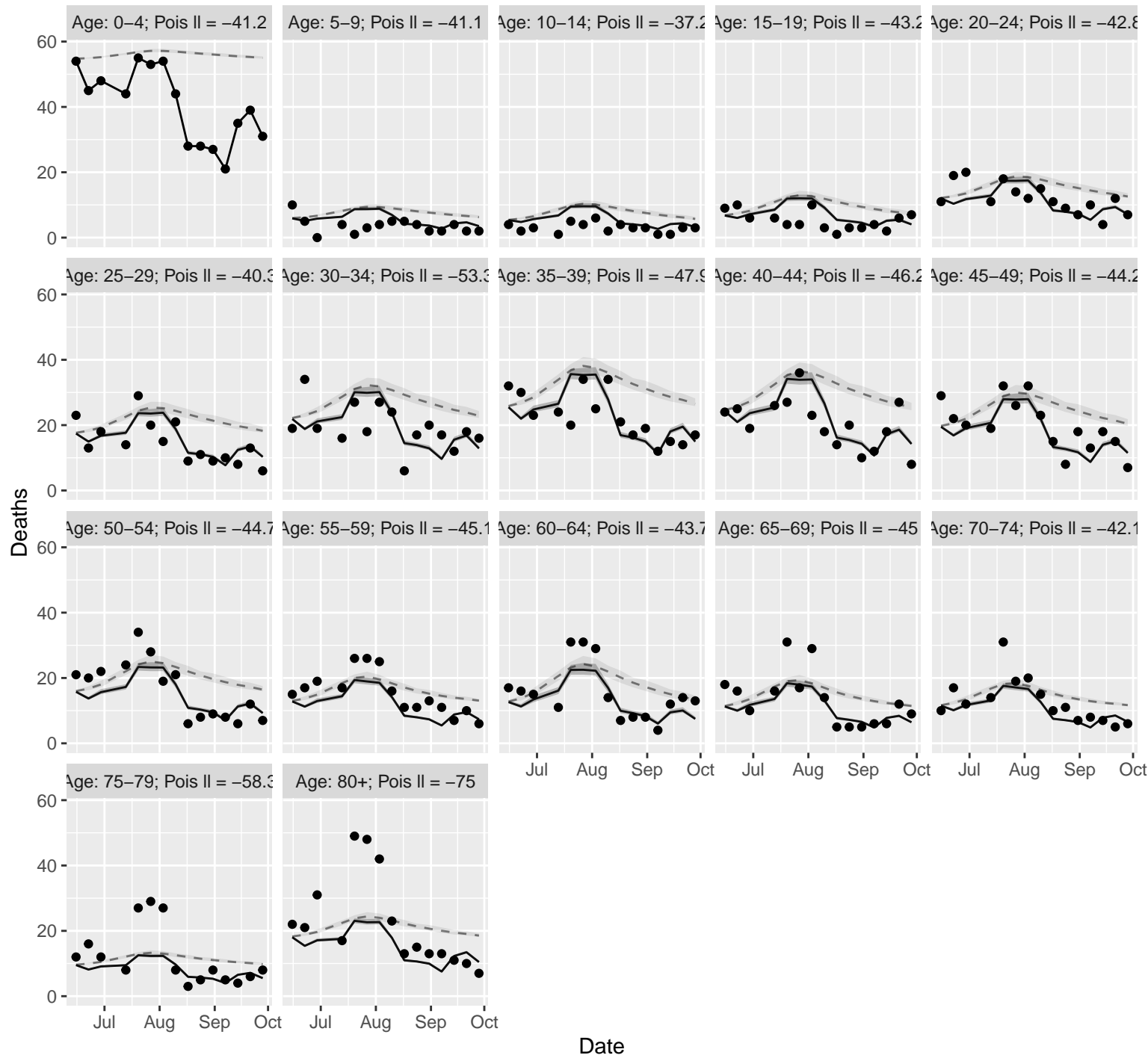


IFR x 0.6, Slope x 0.6  
Modelled COVID-19 Combined prevalence Lusaka

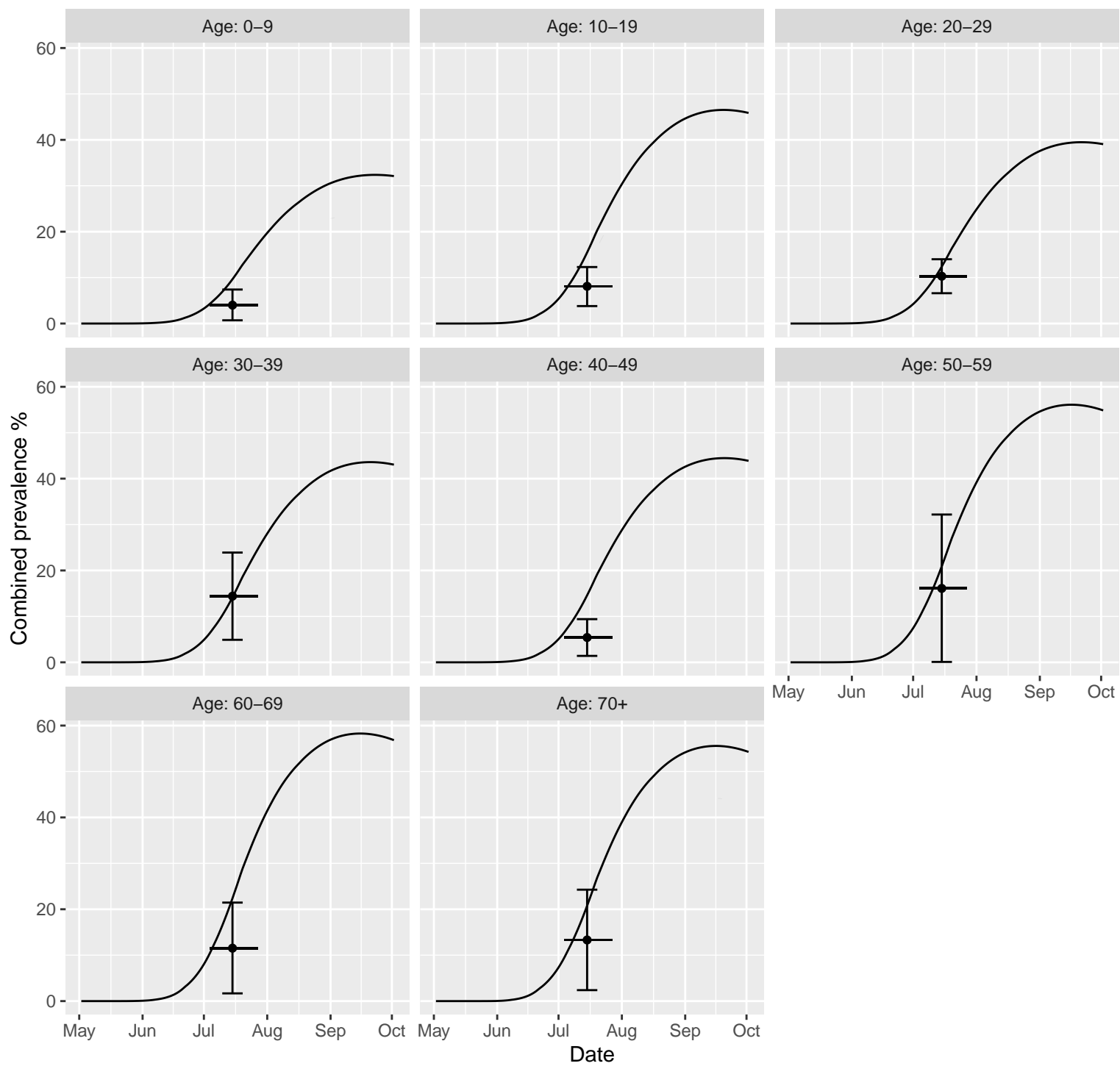




IFR x 0.8, Slope x 0.6  
COVID-19 weekly deaths (Mortuary)  
pois ll = -791.2

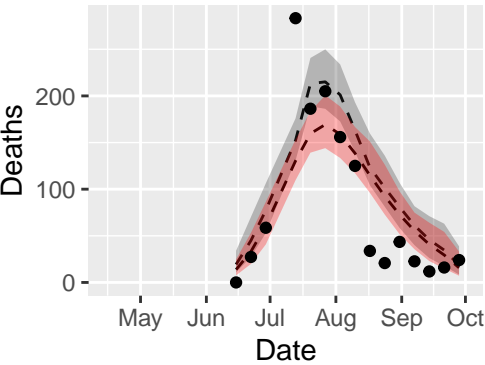


IFR x 0.8, Slope x 0.6  
Modelled COVID-19 Combined prevalence Lusaka

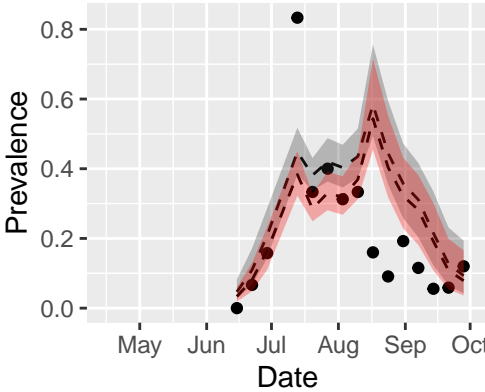




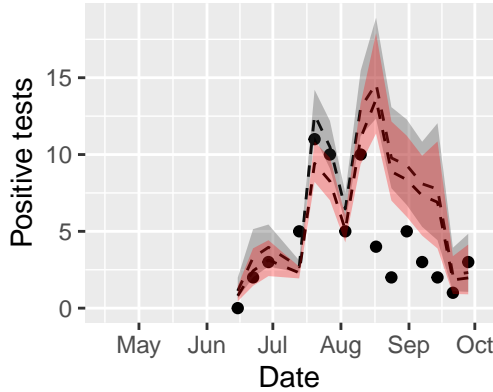
COVID-19 weekly deaths  
(Lusaka)  
bin II = -358.5



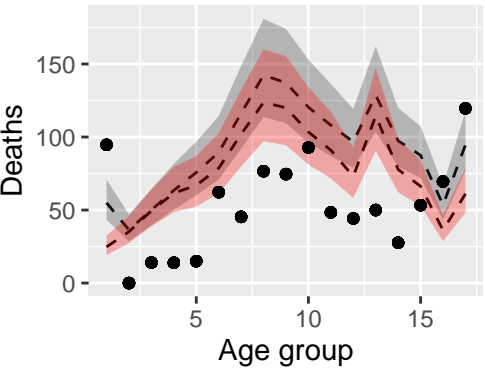
COVID-19 weekly prevalence  
(UTH mortuary)



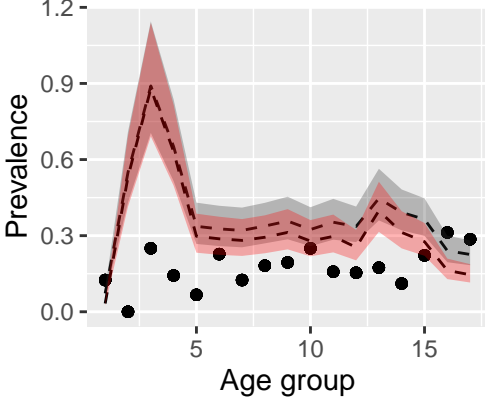
COVID-19 weekly positive tests  
(UTH mortuary)



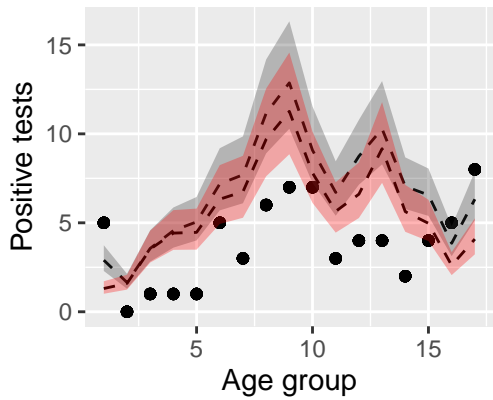
COVID-19 deaths by age  
(Lusaka)  
bin II = -358.5



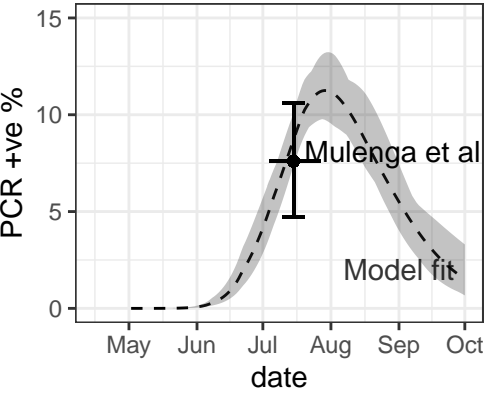
COVID-19 prevalence by age  
(UTH mortuary)



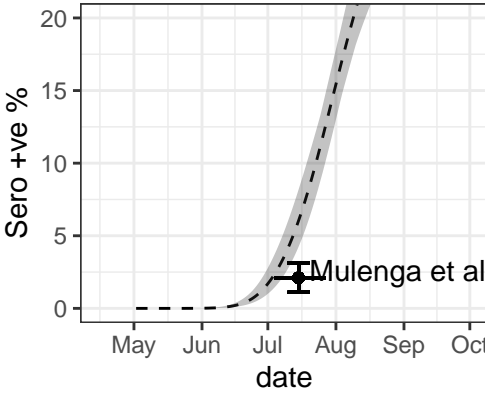
COVID-19 positive tests by age  
(UTH mortuary)



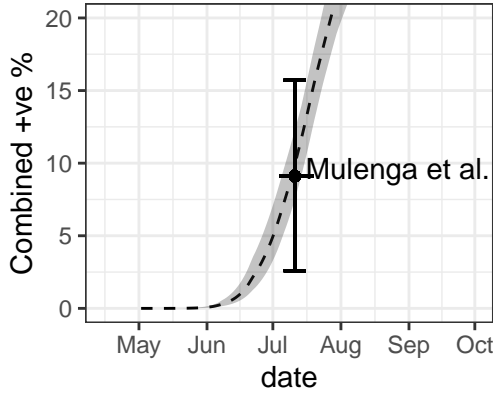
PCR prevalence  
binom II = -6.8



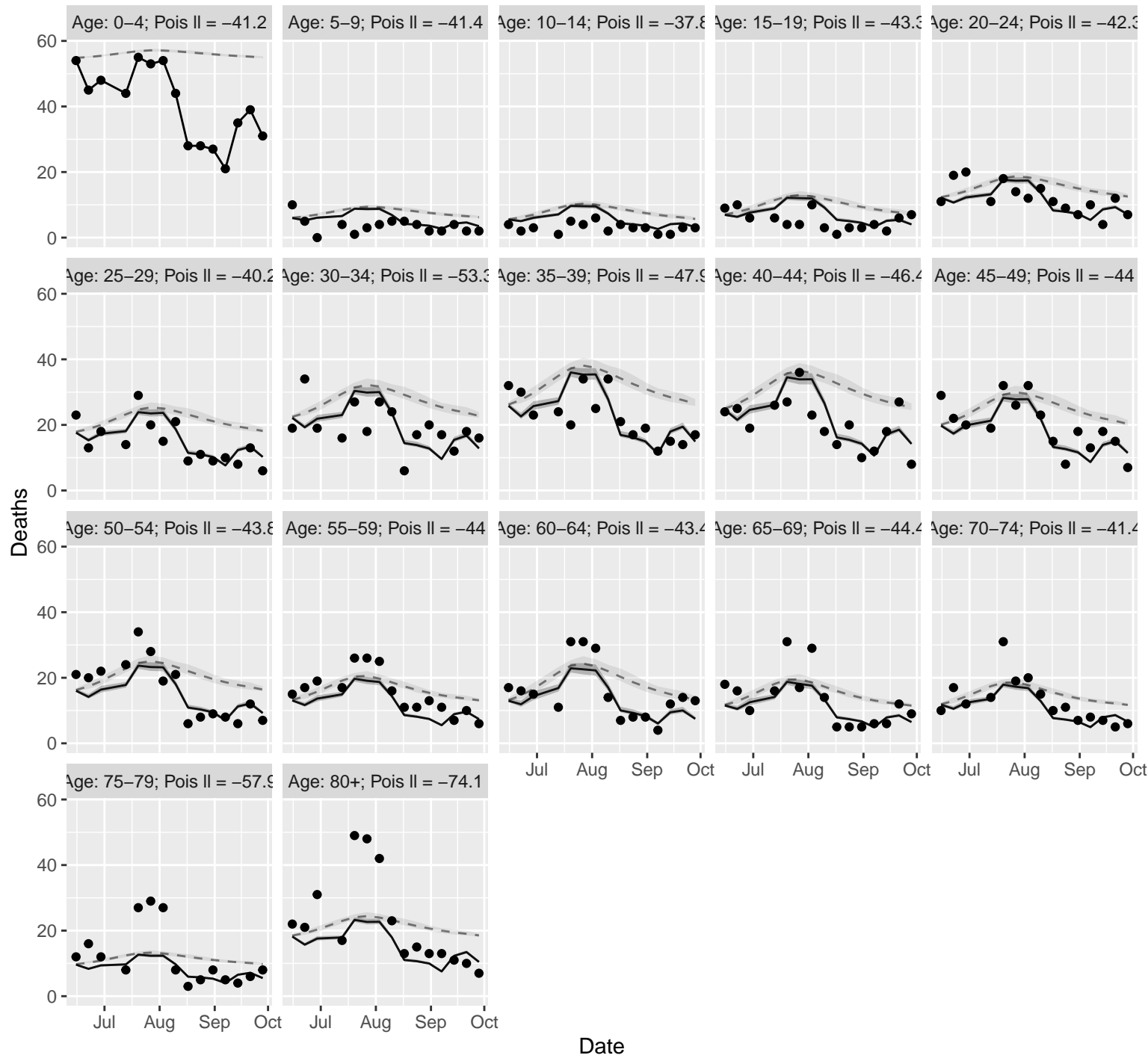
Seroprevalence  
binom II = -53.1



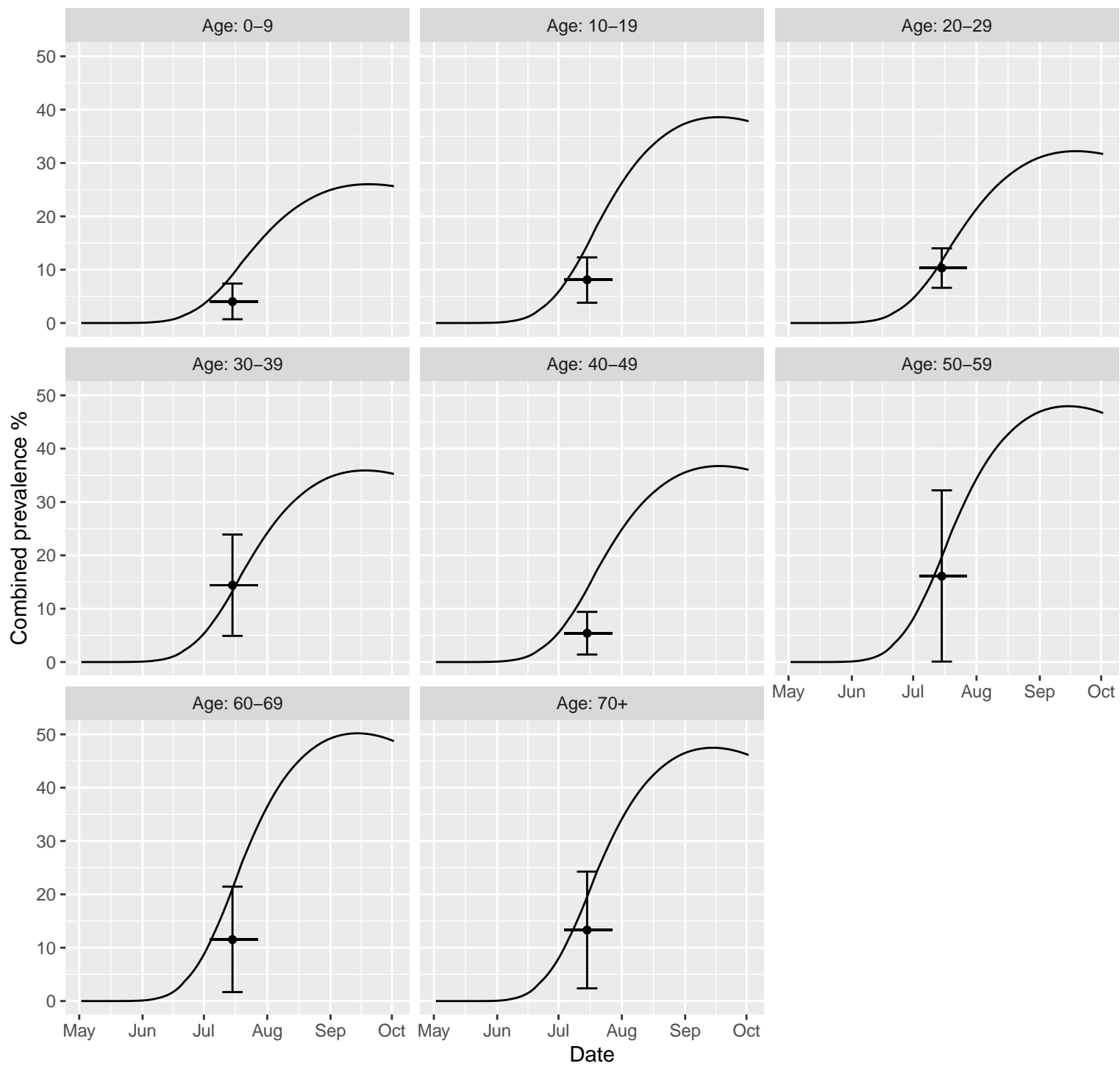
Combined prevalence  
binom II = -5.2

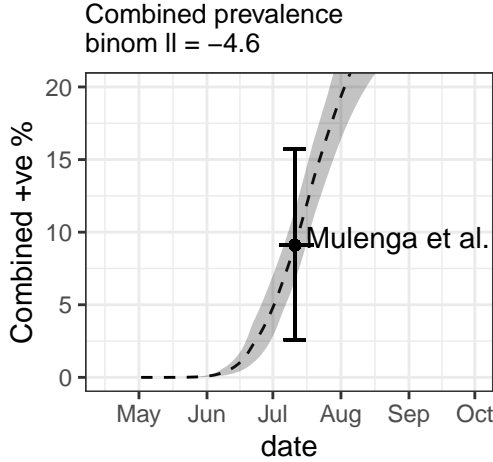
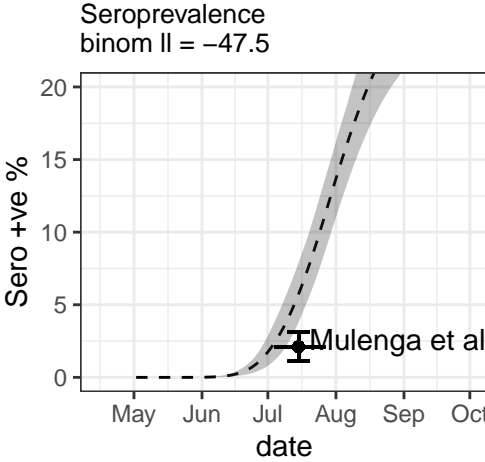
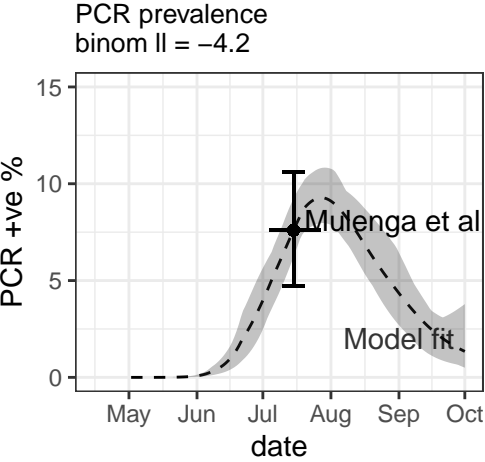
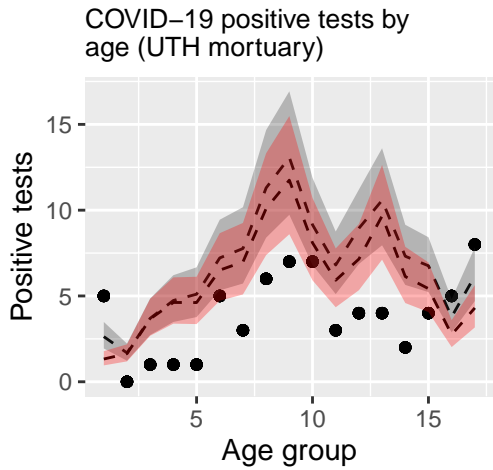
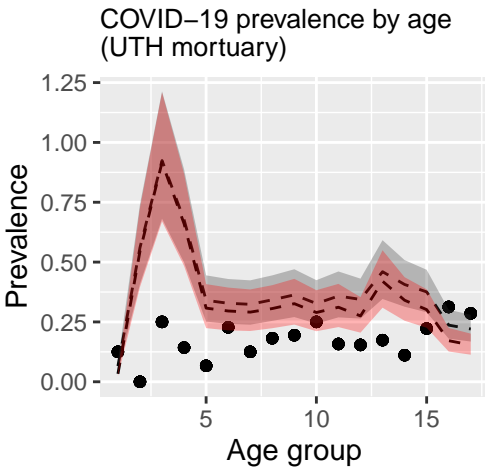
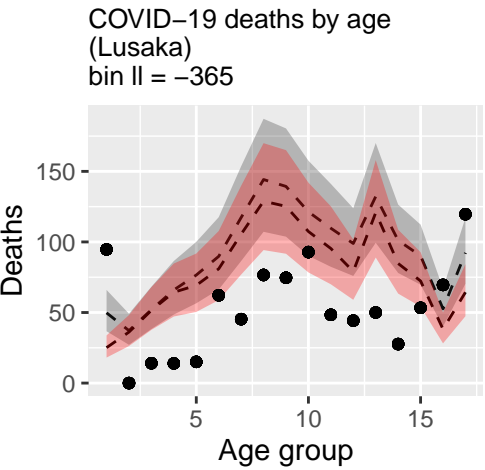
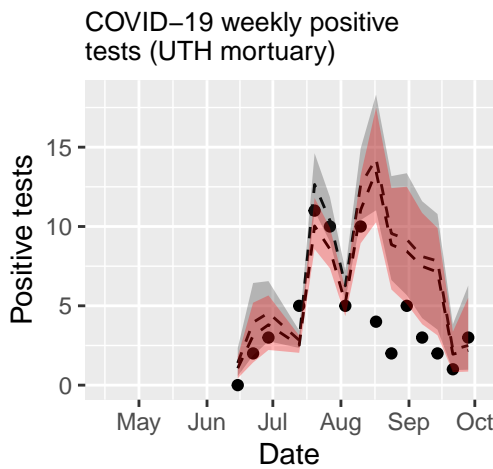
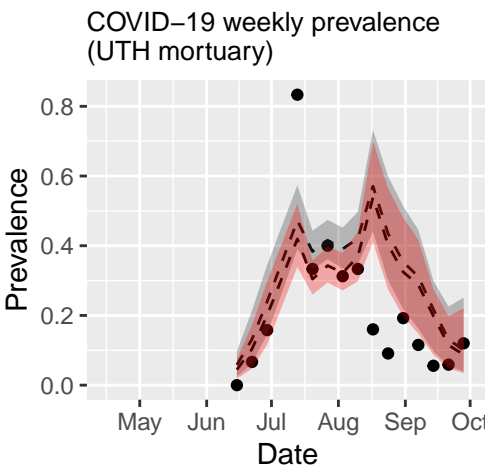
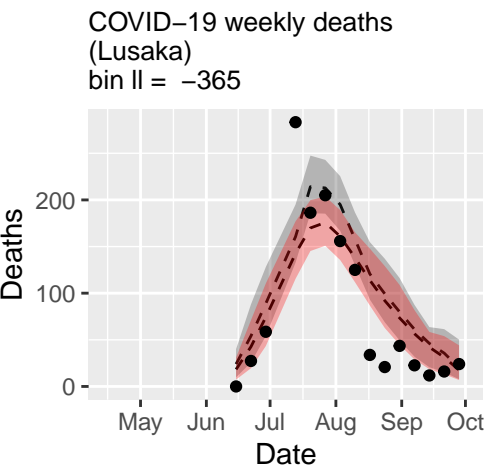


IFR x 1, Slope x 0.6  
COVID-19 weekly deaths (Mortuary)  
pois ll = -786.6

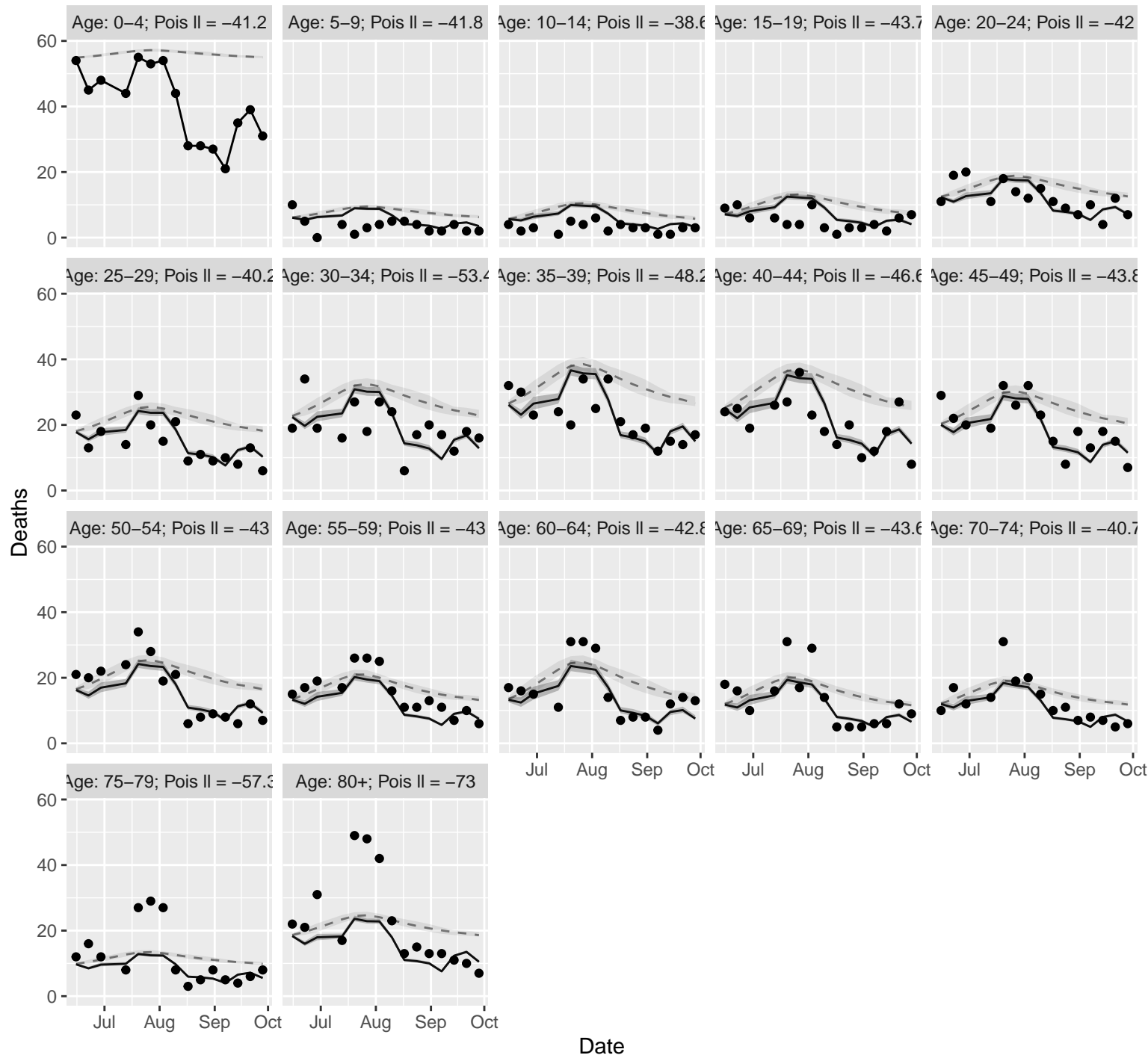


IFR x 1, Slope x 0.6  
Modelled COVID-19 Combined prevalence Lusaka

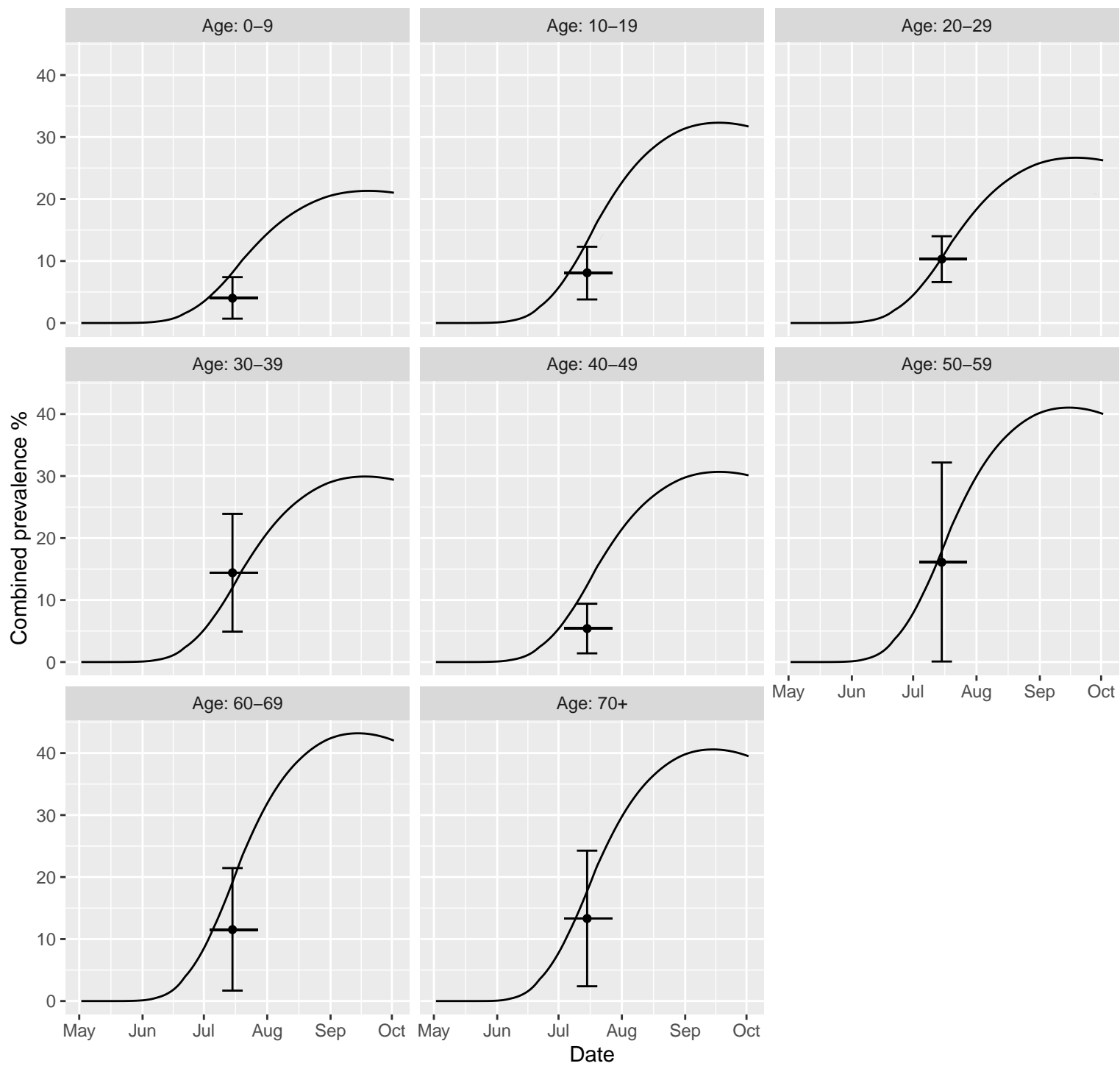


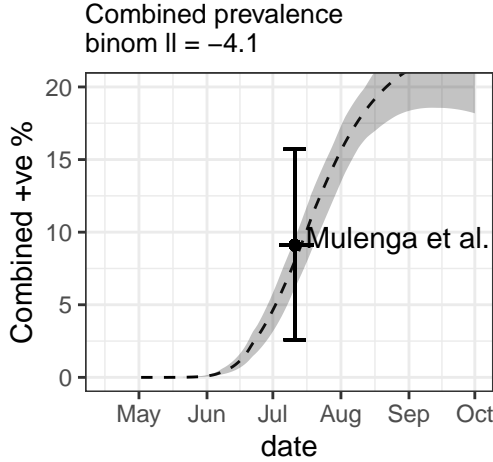
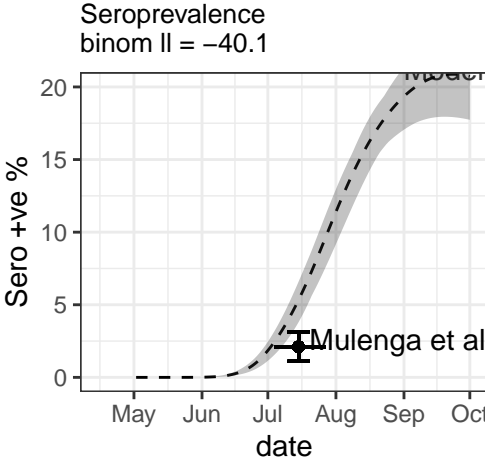
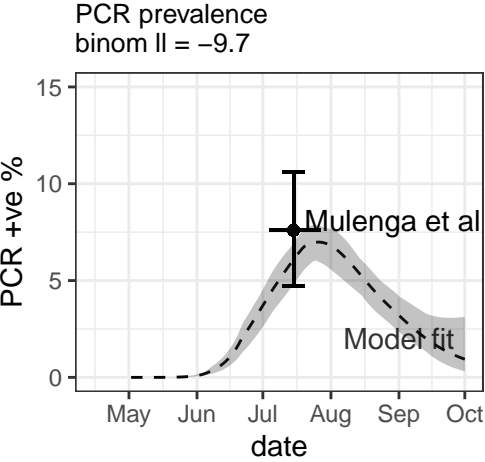
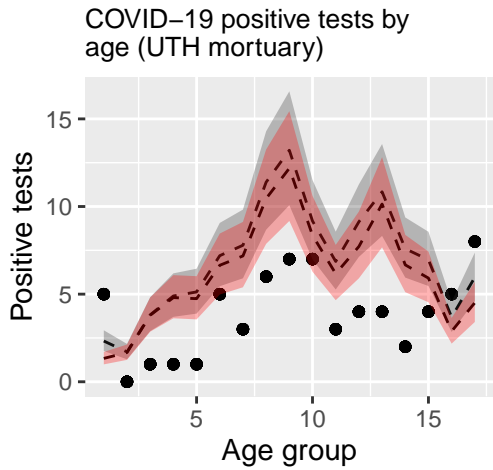
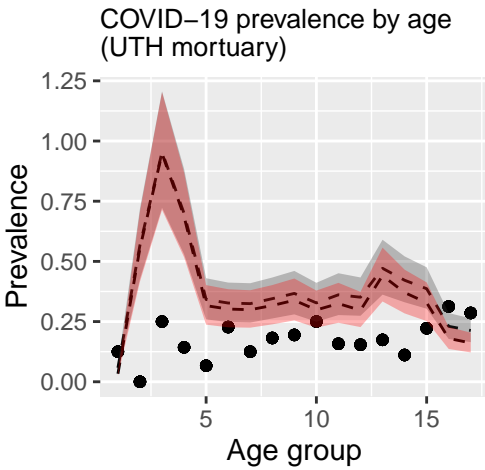
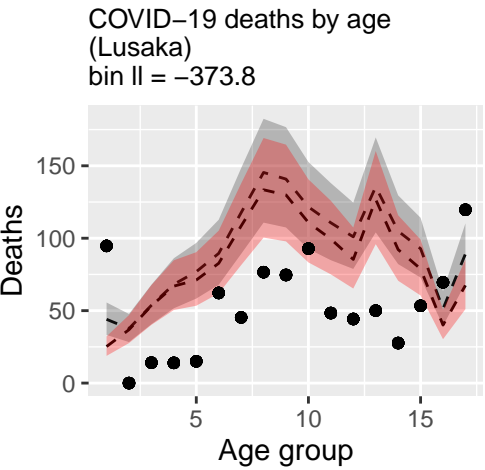
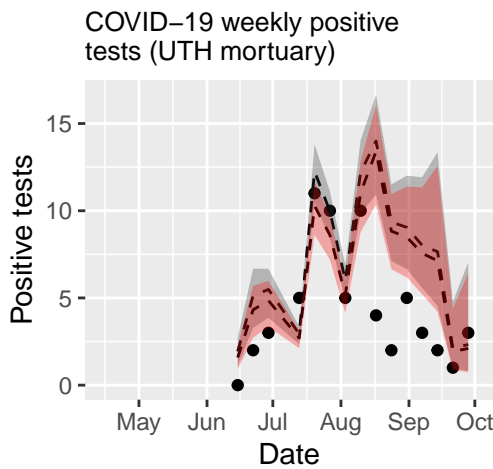
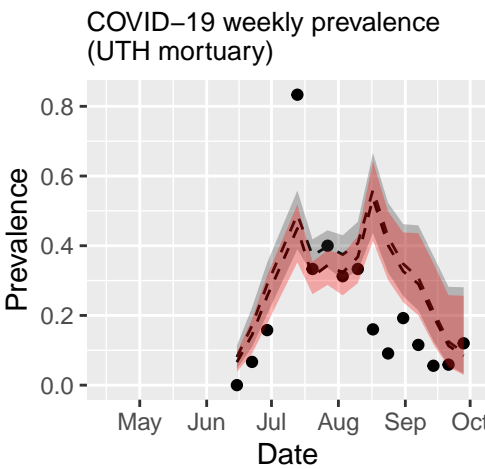
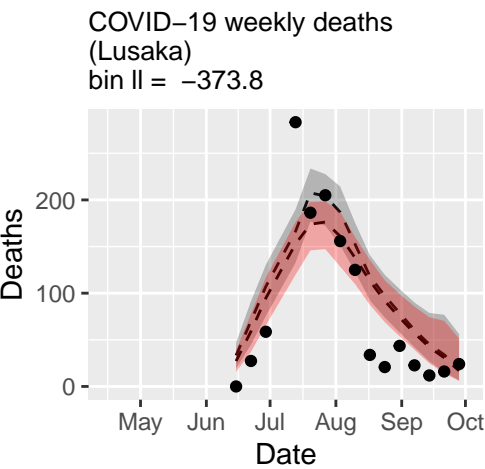


IFR x 1.25, Slope x 0.6  
COVID-19 weekly deaths (Mortuary)  
pois II = -782.9

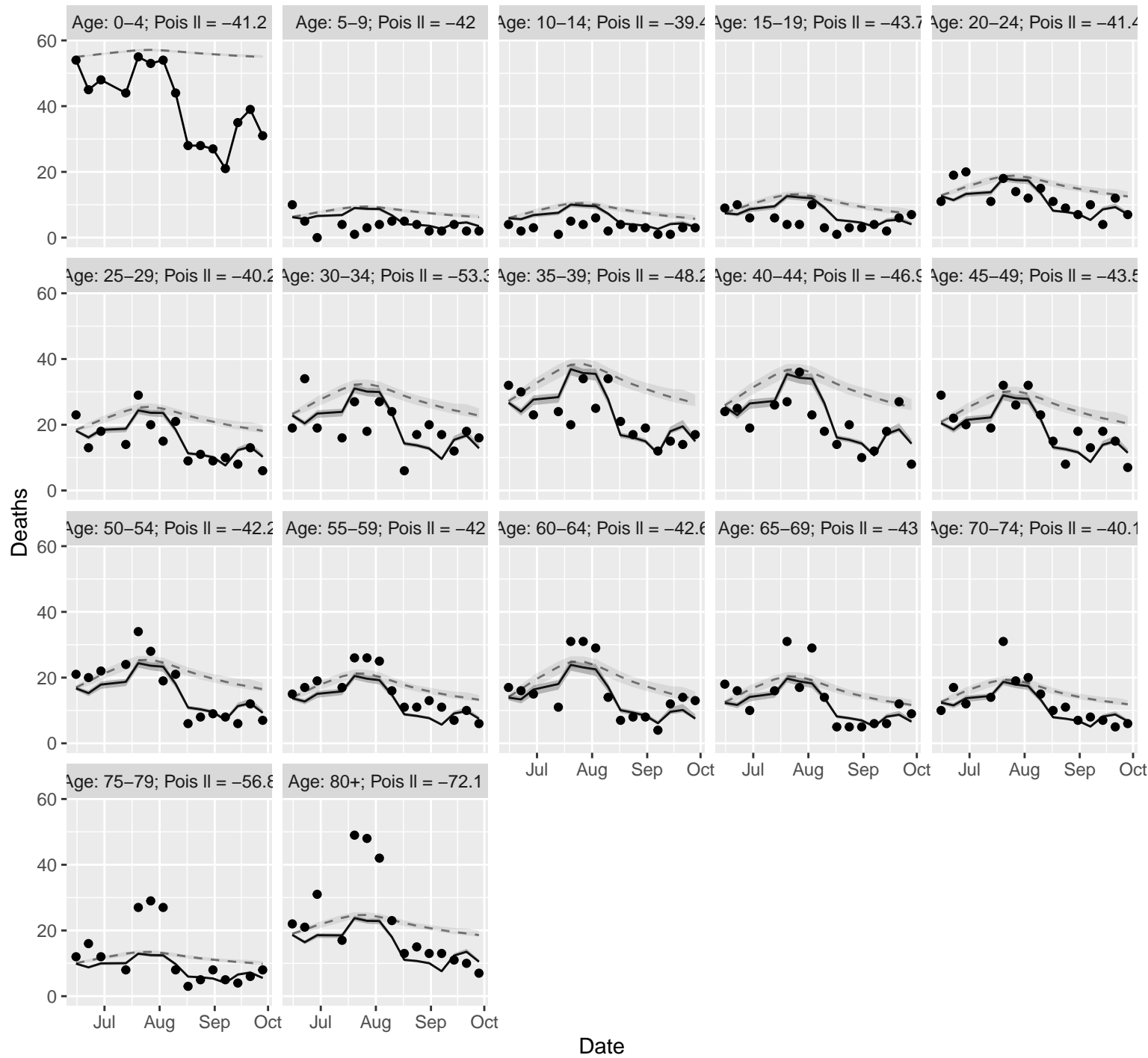


IFR x 1.25, Slope x 0.6  
Modelled COVID-19 Combined prevalence Lusaka



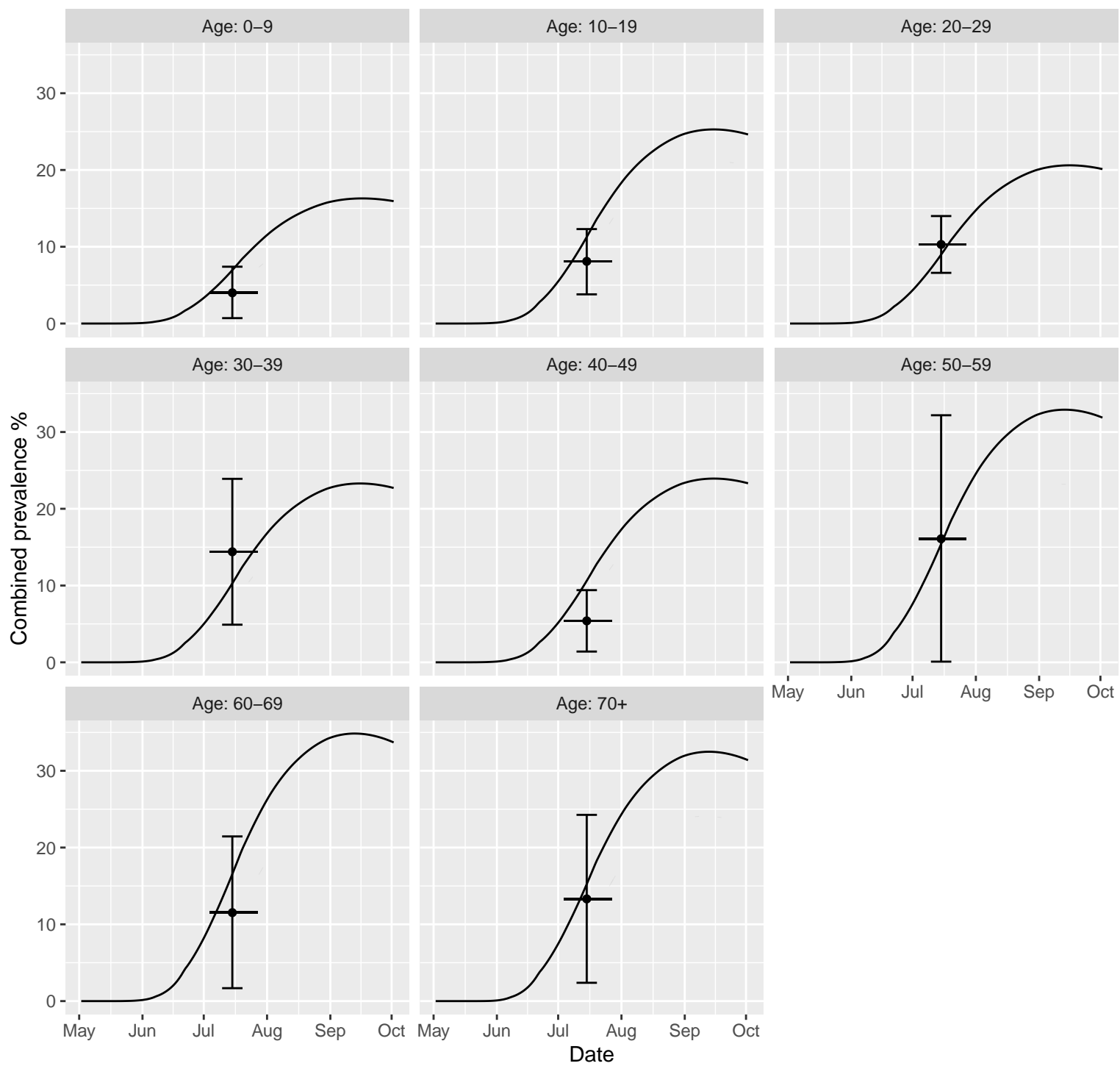


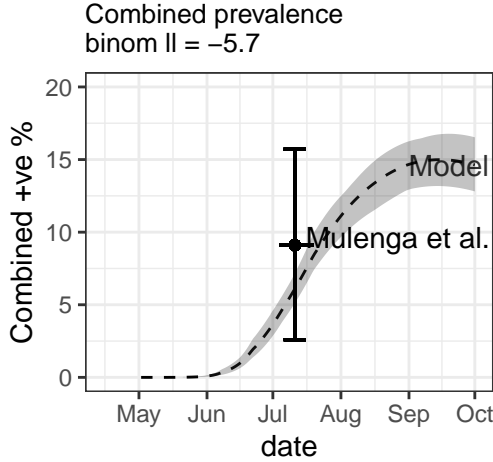
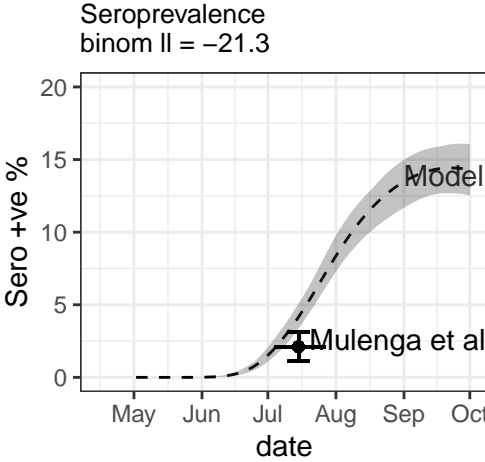
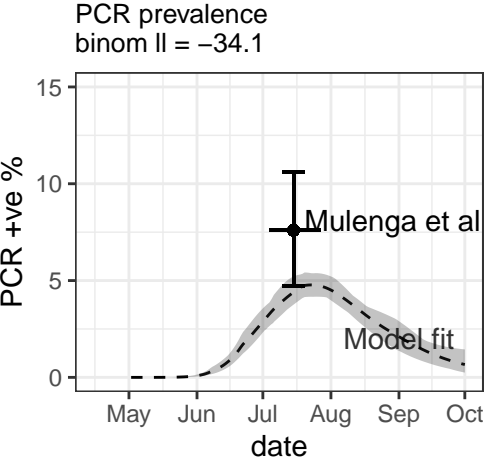
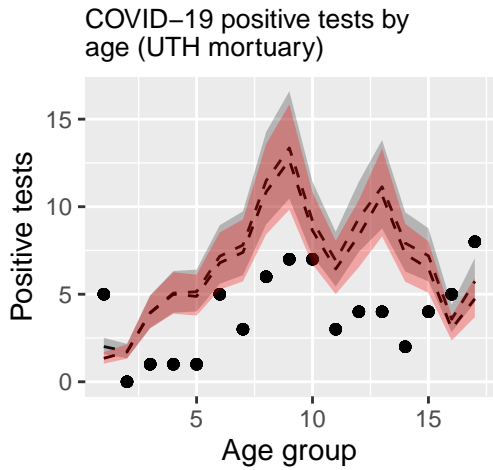
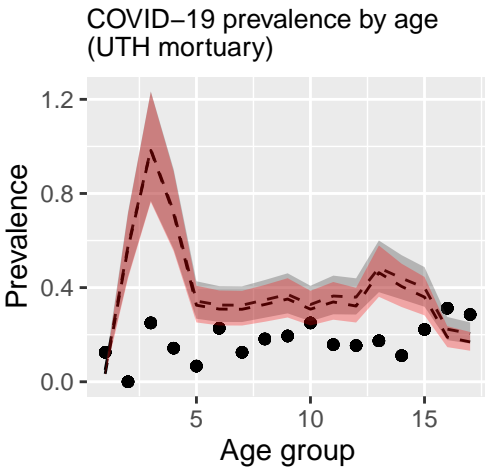
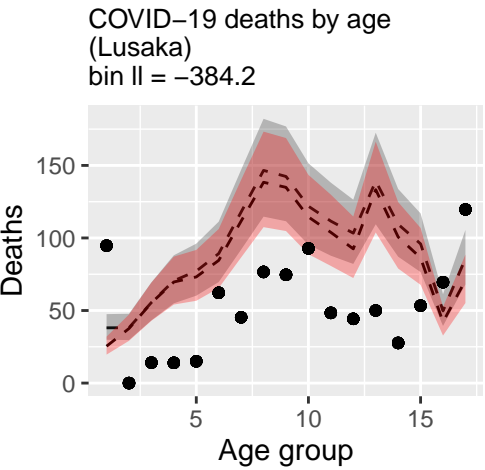
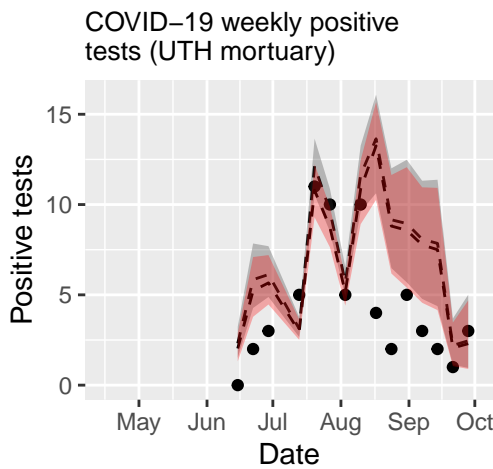
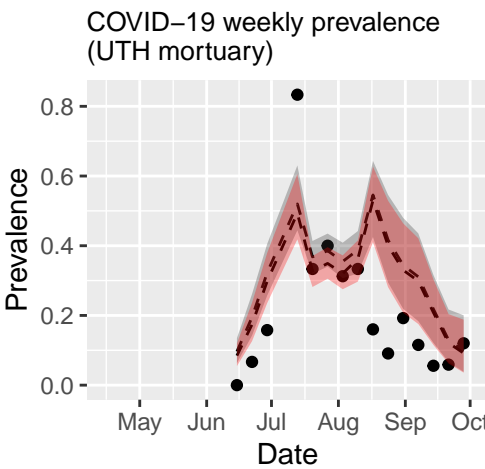
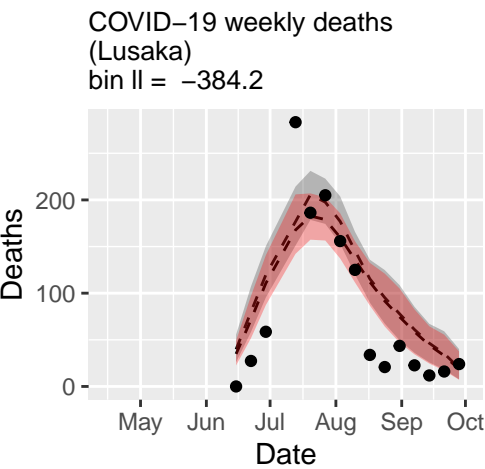
IFR x 1.66666666666667, Slope x 0.6  
COVID-19 weekly deaths (Mortuary)  
pois ll = -778.7



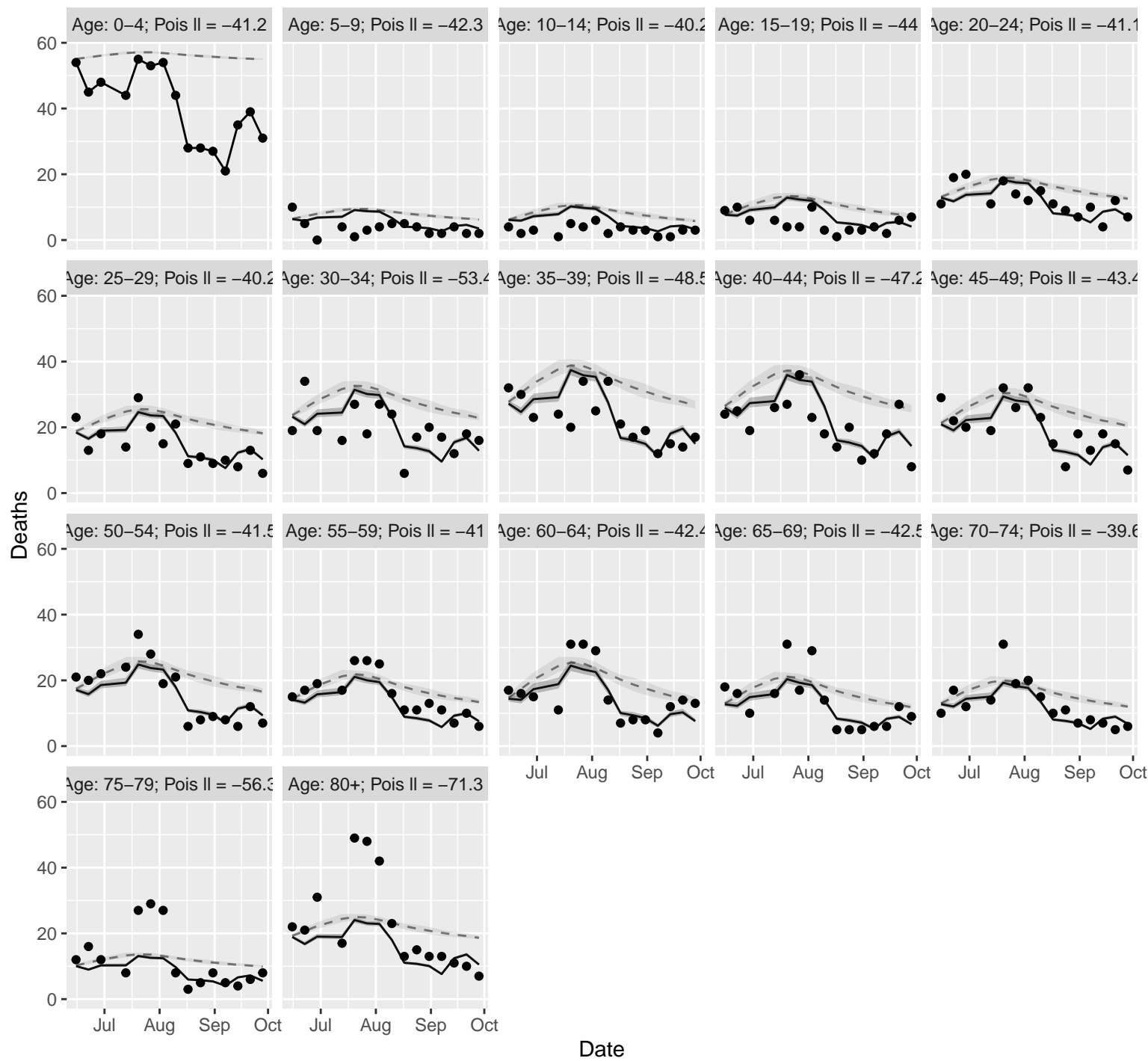


IFR x 1.66666666666667, Slope x 0.6  
Modelled COVID-19 Combined prevalence Lusaka

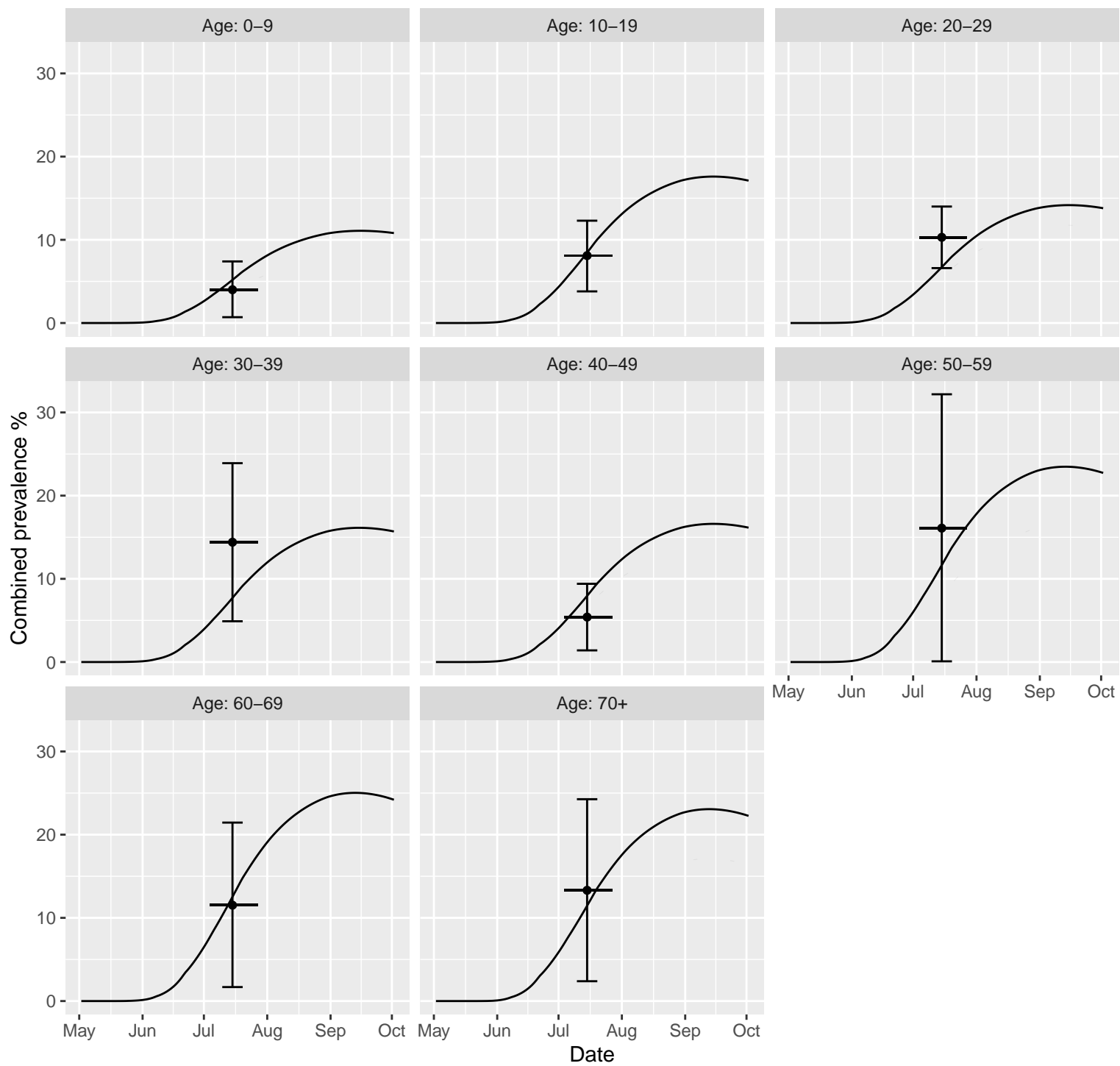


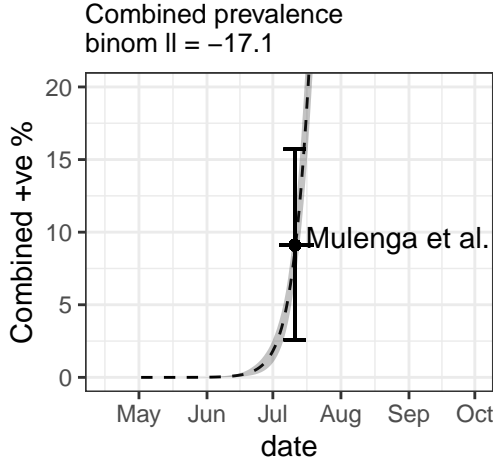
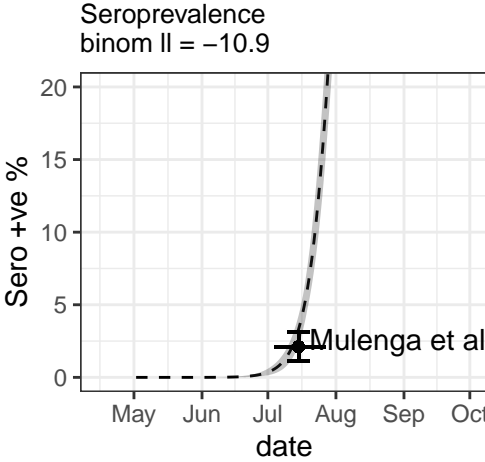
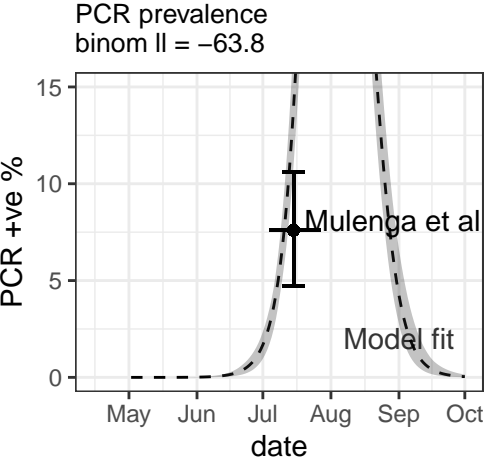
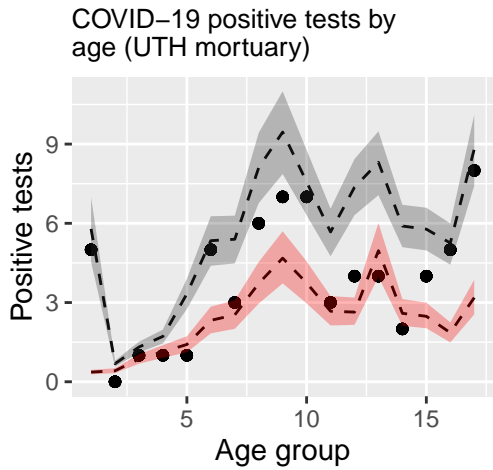
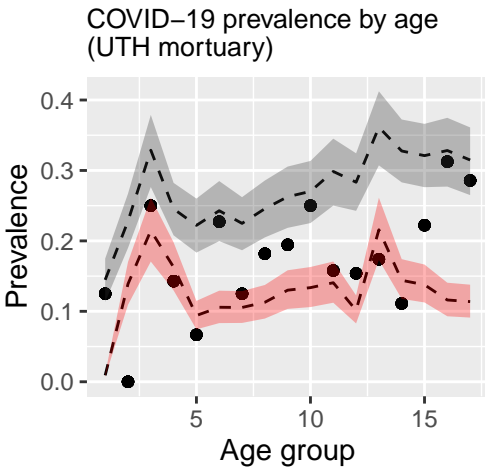
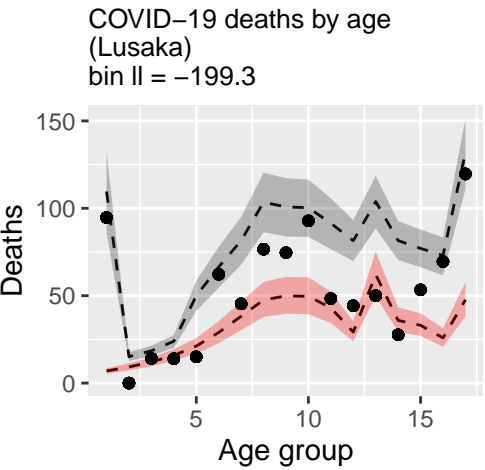
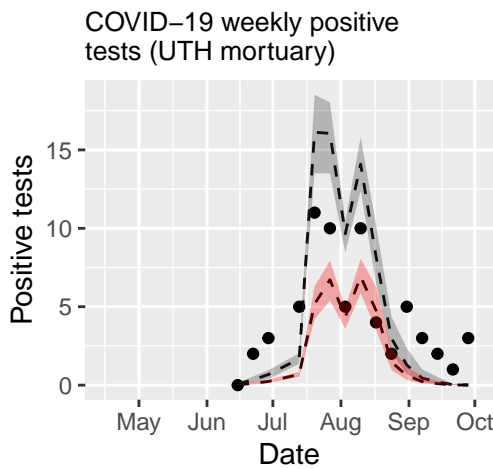
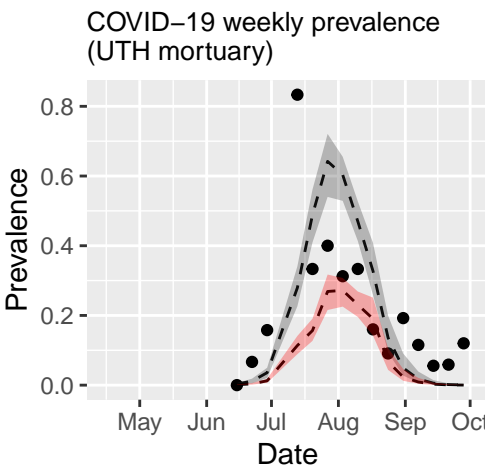
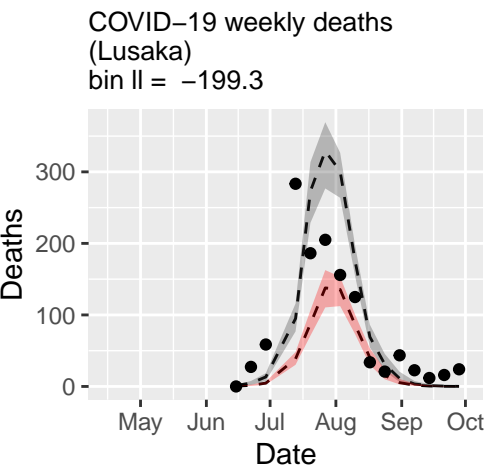


IFR x 2.5, Slope x 0.6  
COVID-19 weekly deaths (Mortuary)  
pois II = -776.1

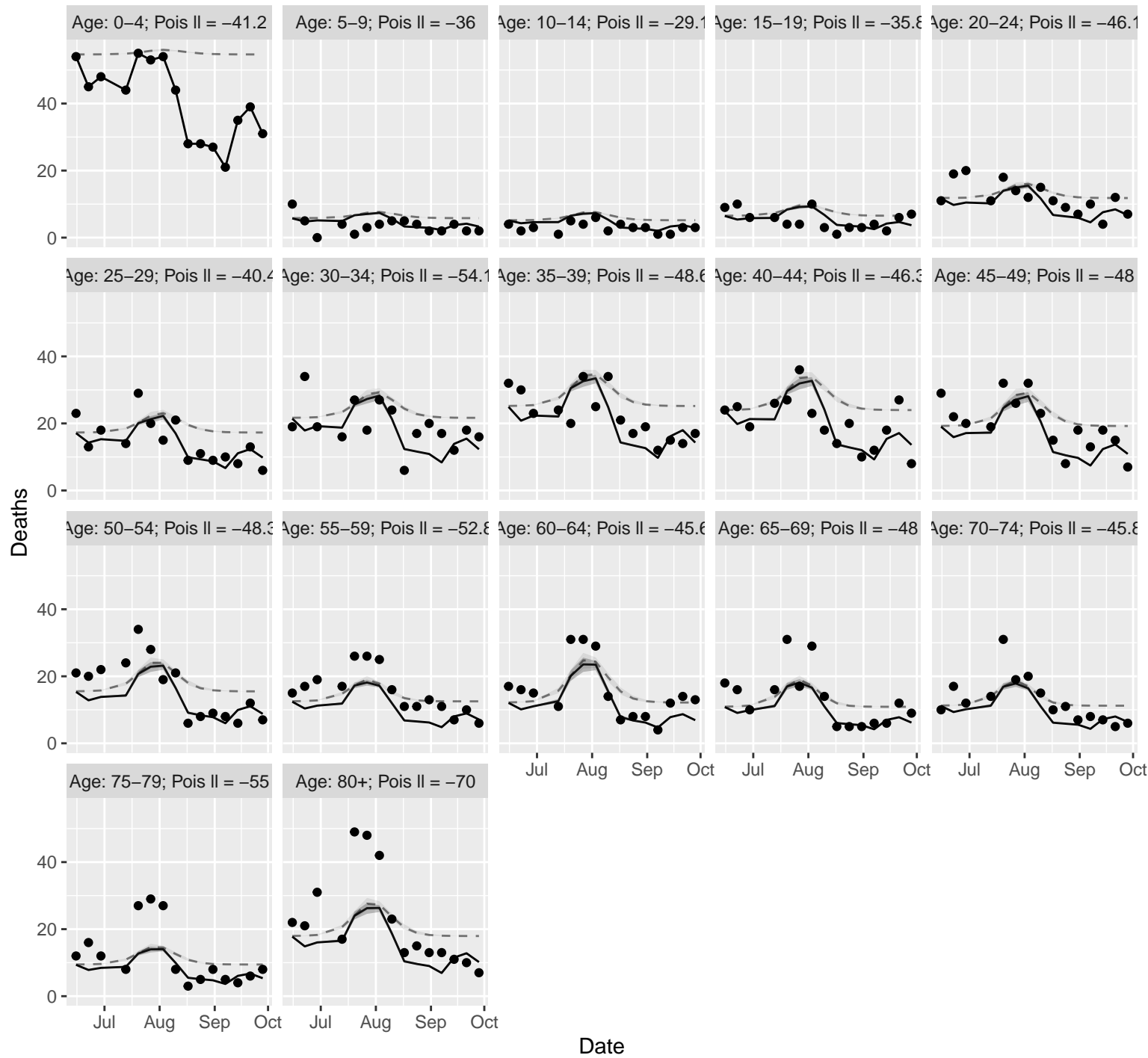


IFR x 2.5, Slope x 0.6  
Modelled COVID-19 Combined prevalence Lusaka

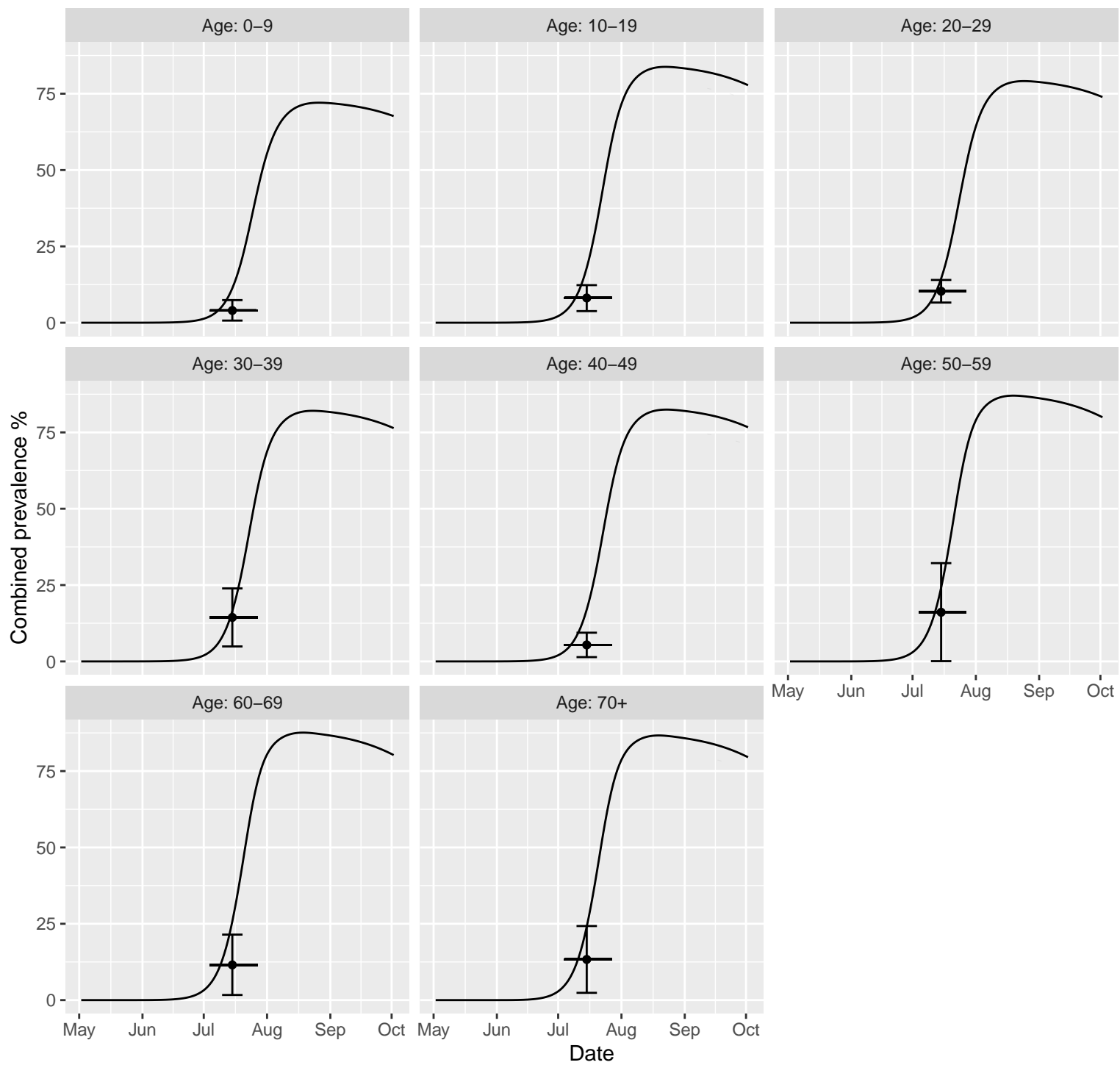




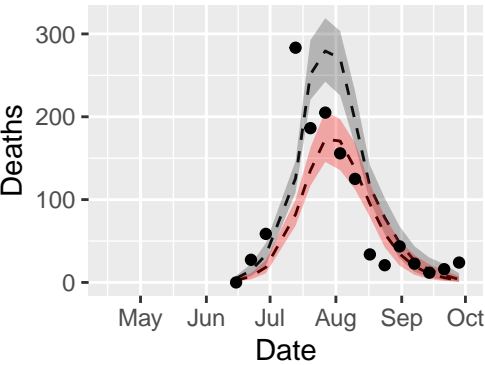
IFR x 0.2, Slope x 0.8  
COVID-19 weekly deaths (Mortuary)  
pois ll = -791



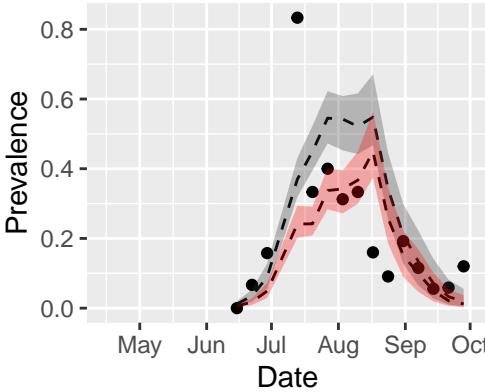
IFR x 0.2, Slope x 0.8  
Modelled COVID-19 Combined prevalence Lusaka



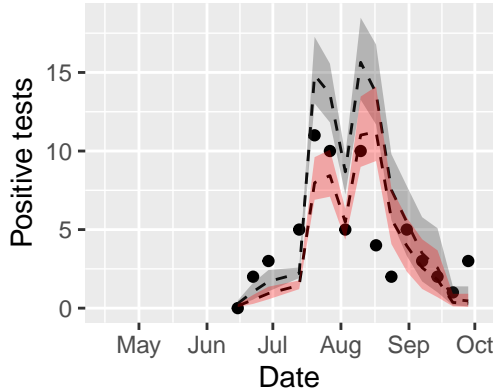
COVID-19 weekly deaths  
(Lusaka)  
bin II = -286.4



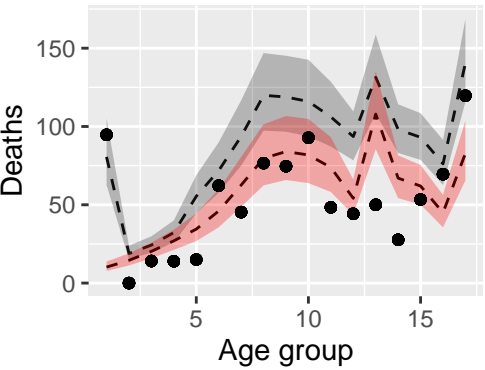
COVID-19 weekly prevalence  
(UTH mortuary)



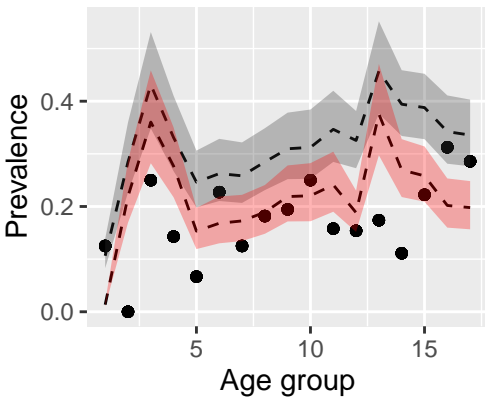
COVID-19 weekly positive tests  
(UTH mortuary)



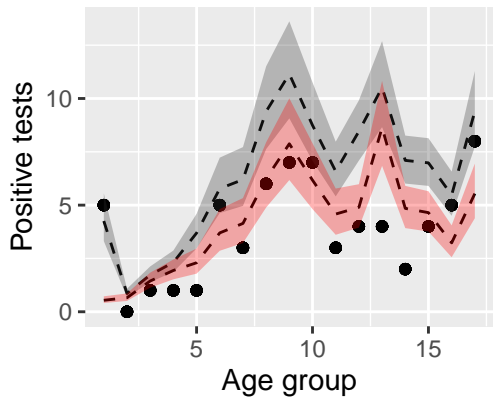
COVID-19 deaths by age  
(Lusaka)  
bin II = -286.4



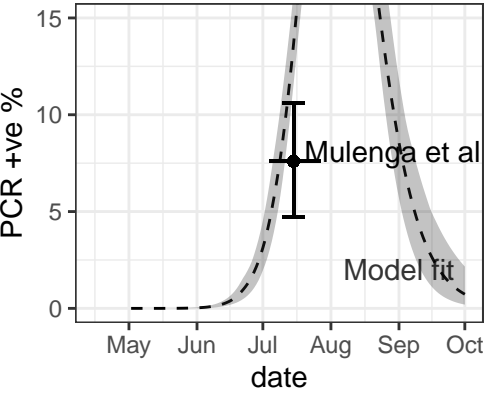
COVID-19 prevalence by age  
(UTH mortuary)



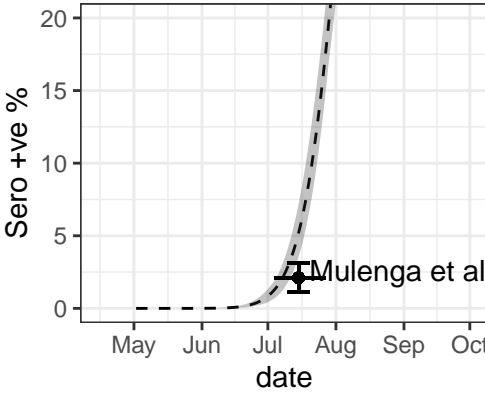
COVID-19 positive tests by age  
(UTH mortuary)



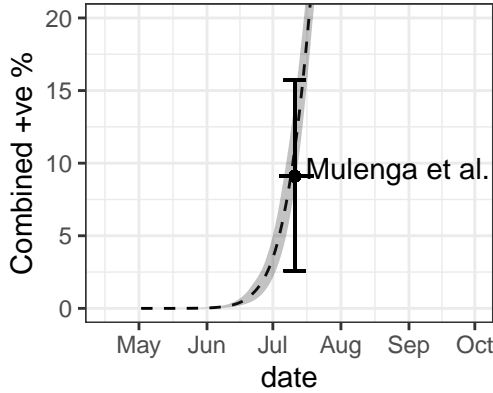
PCR prevalence  
binom II = -59



Seroprevalence  
binom II = -37.8

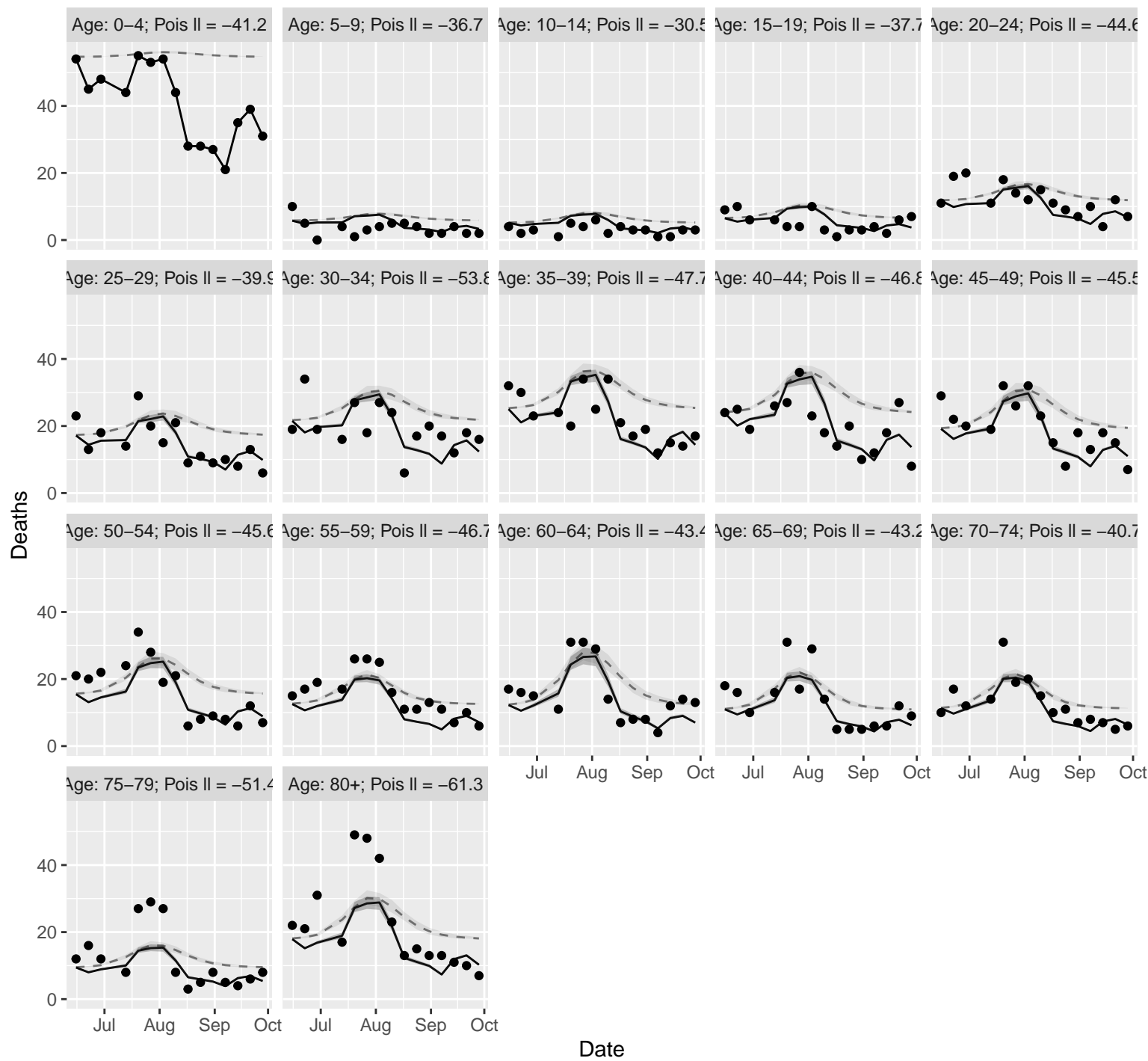


Combined prevalence  
binom II = -11.7

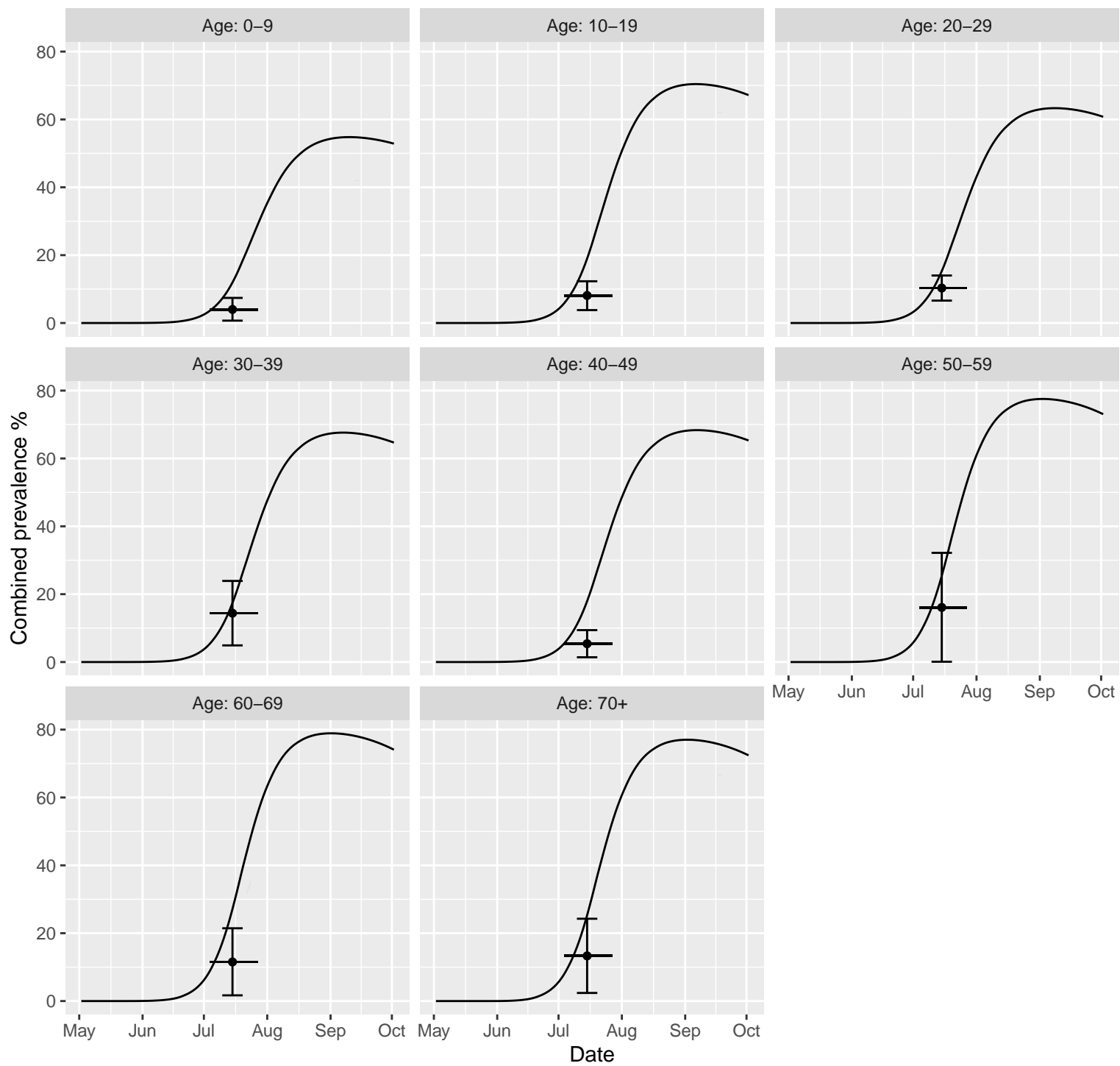


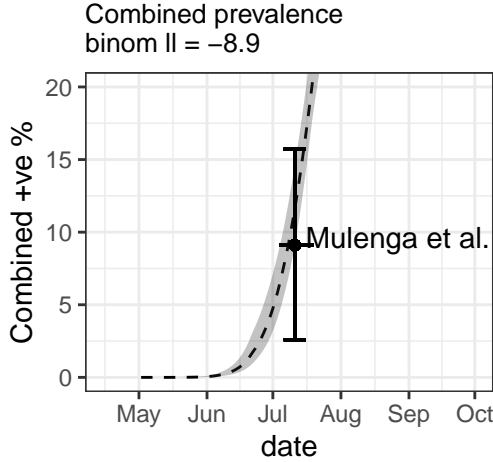
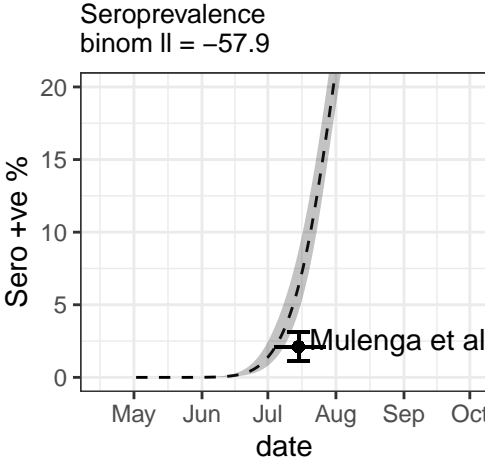
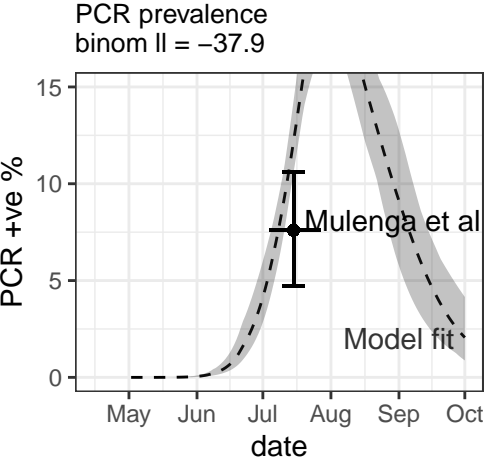
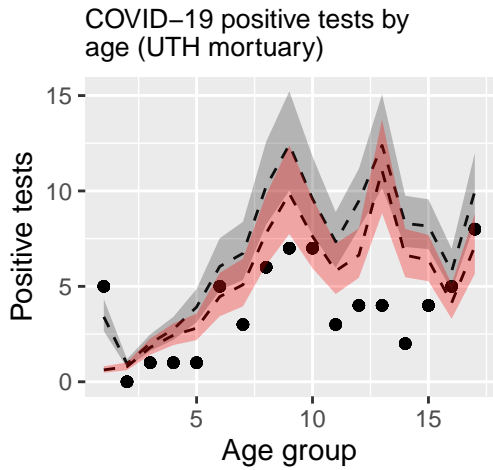
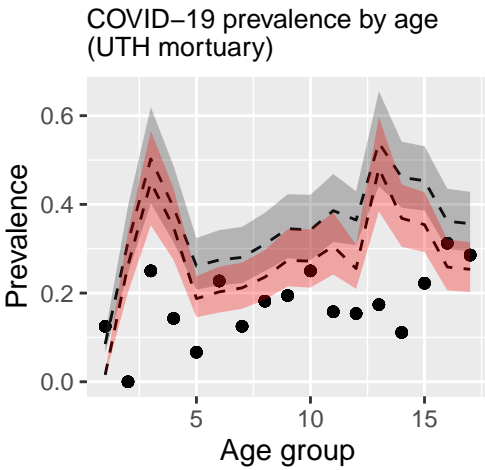
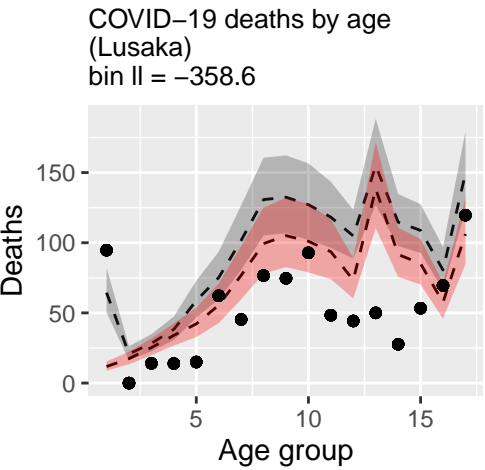
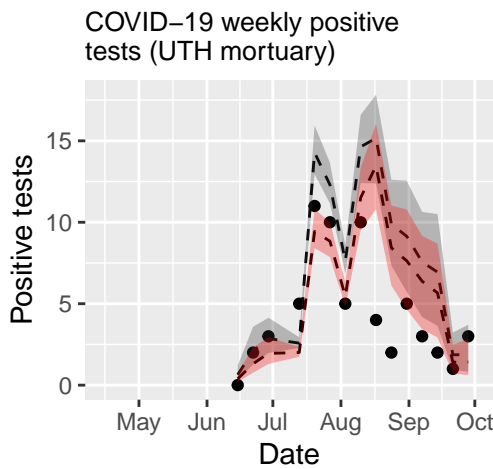
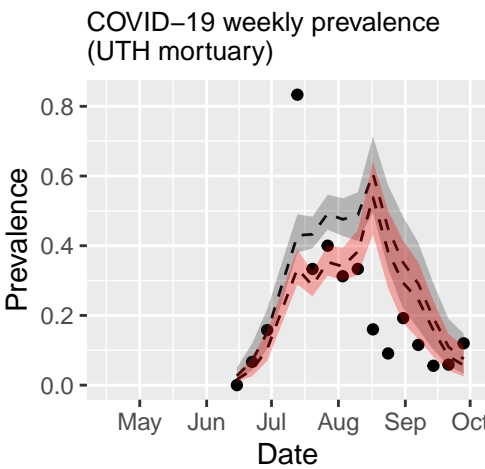
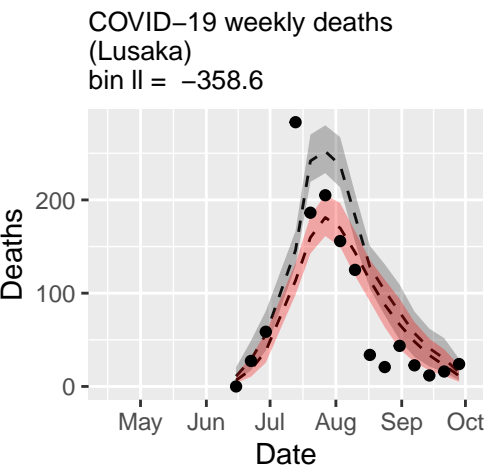


IFR x 0.4, Slope x 0.8  
COVID-19 weekly deaths (Mortuary)  
pois ll = -756.8

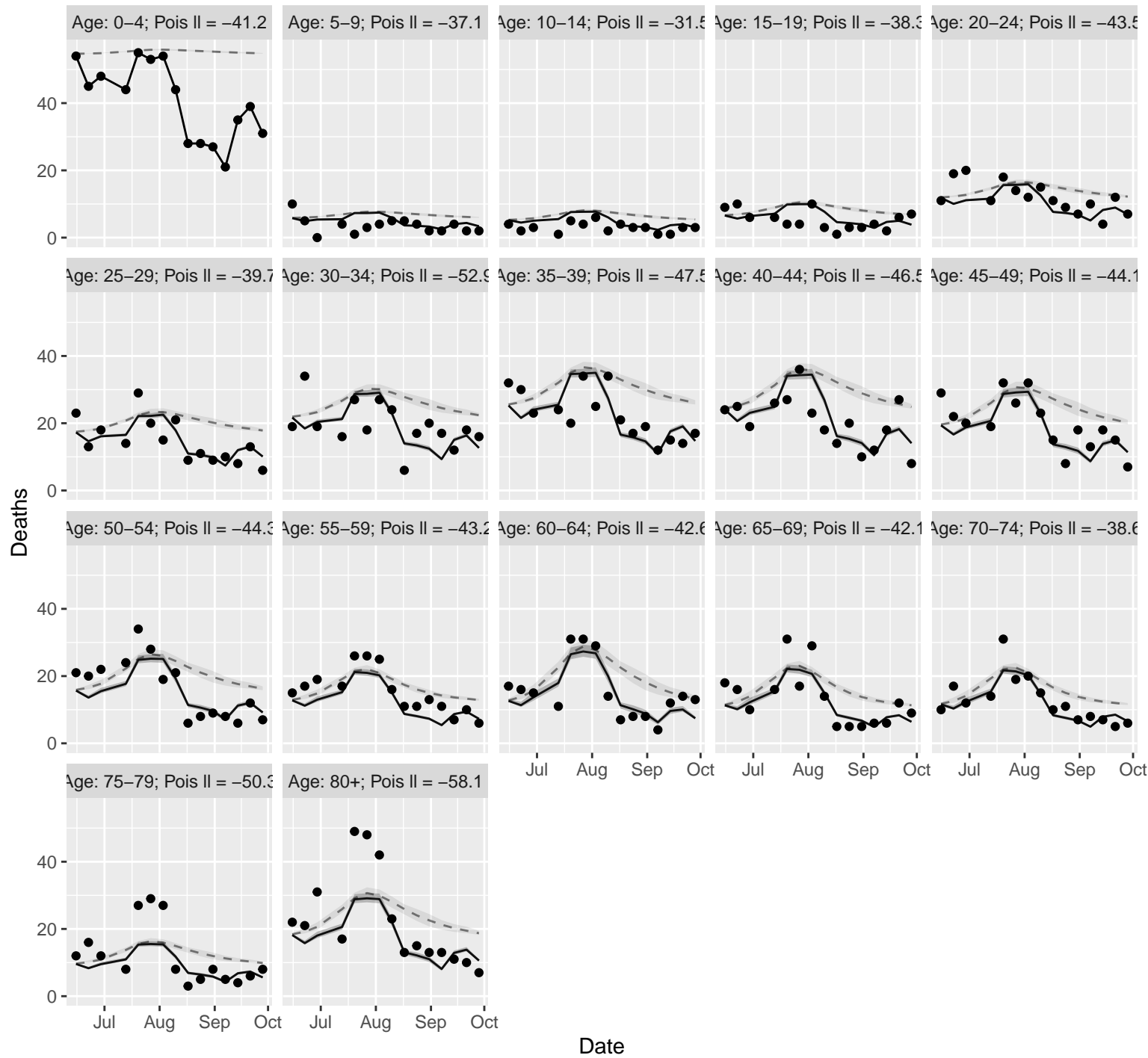


IFR x 0.4, Slope x 0.8  
Modelled COVID-19 Combined prevalence Lusaka

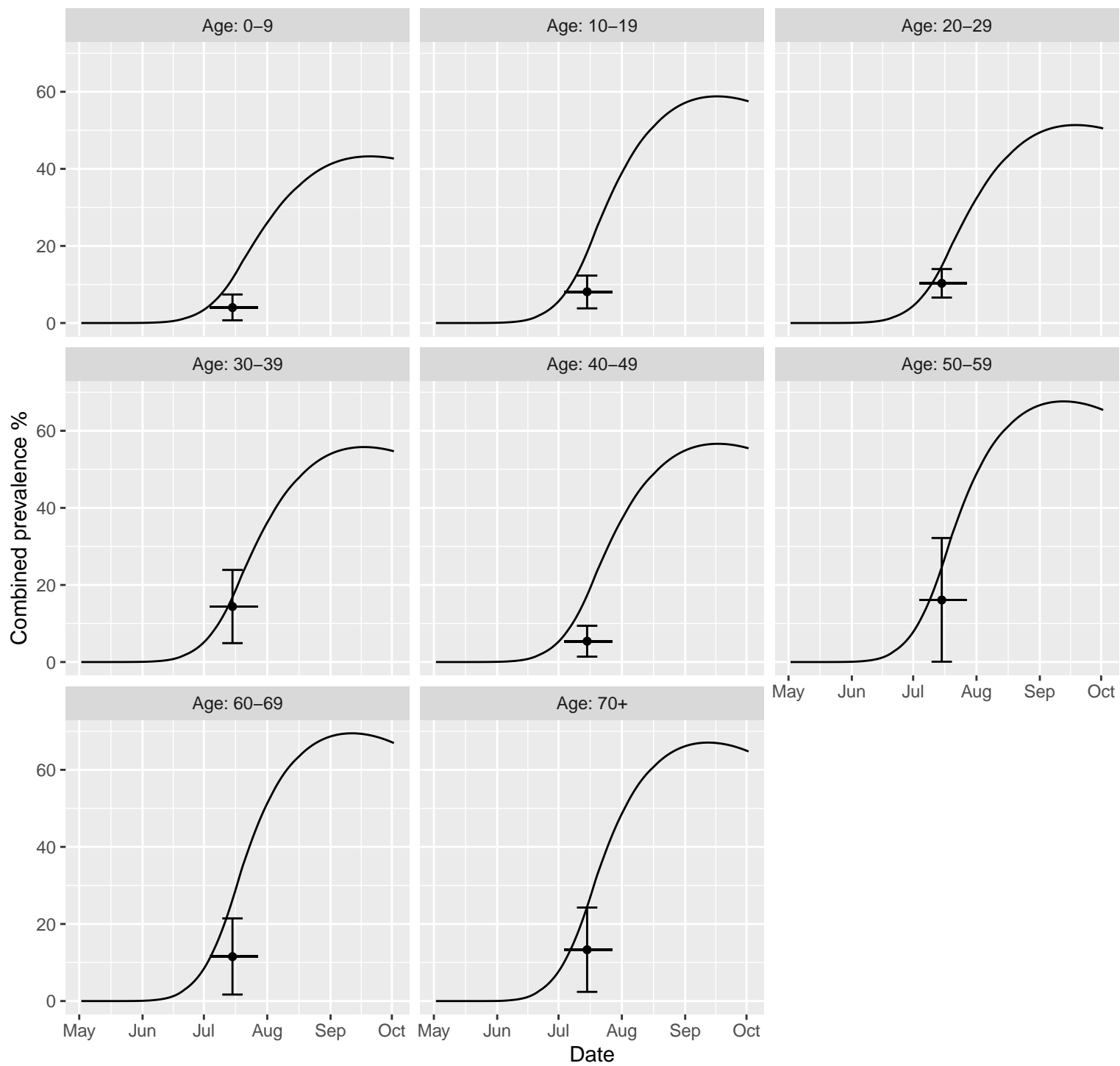


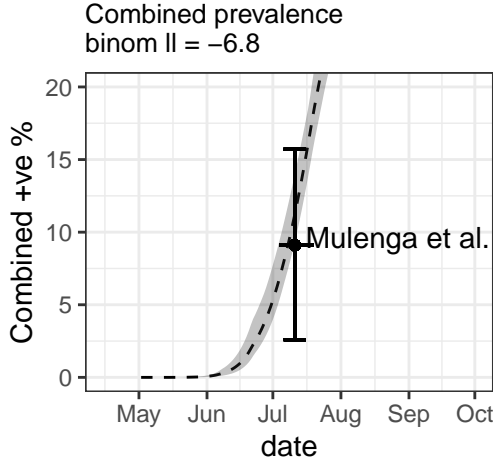
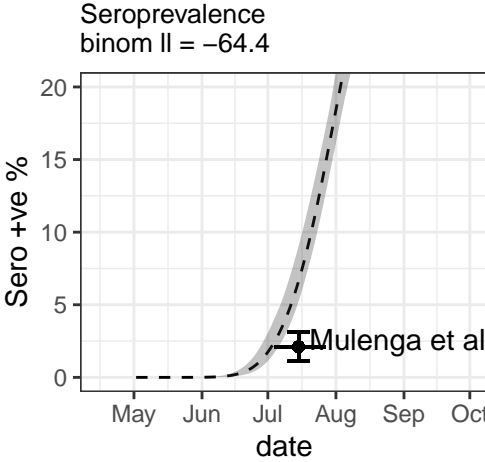
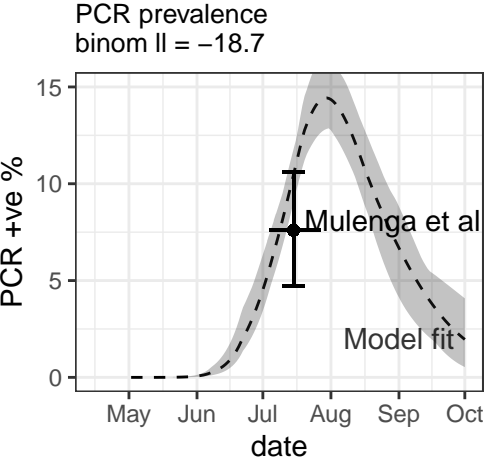
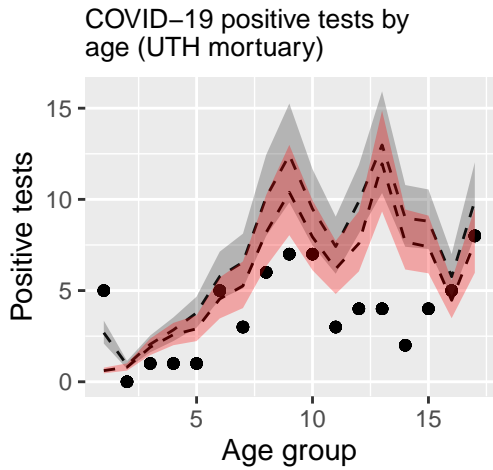
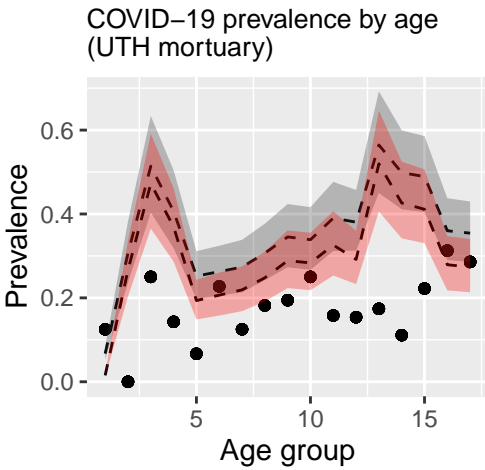
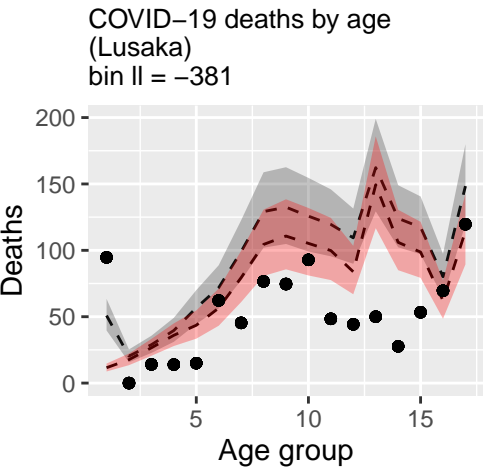
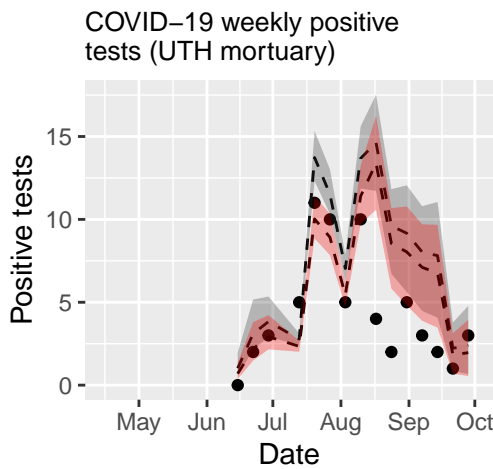
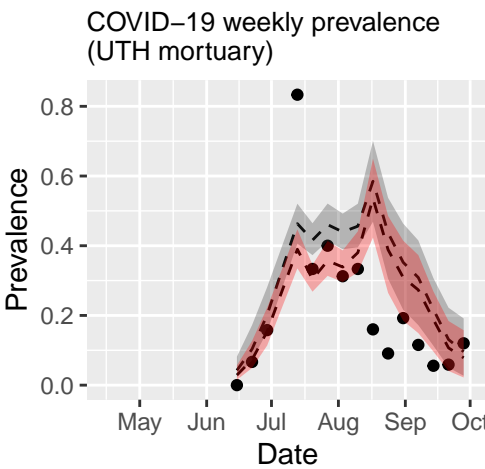
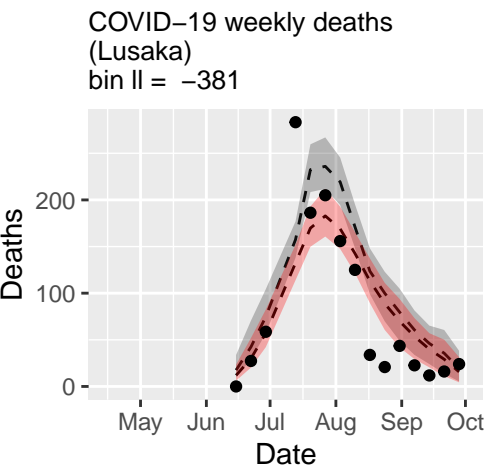


IFR x 0.6, Slope x 0.8  
COVID-19 weekly deaths (Mortuary)  
pois ll = -741.7

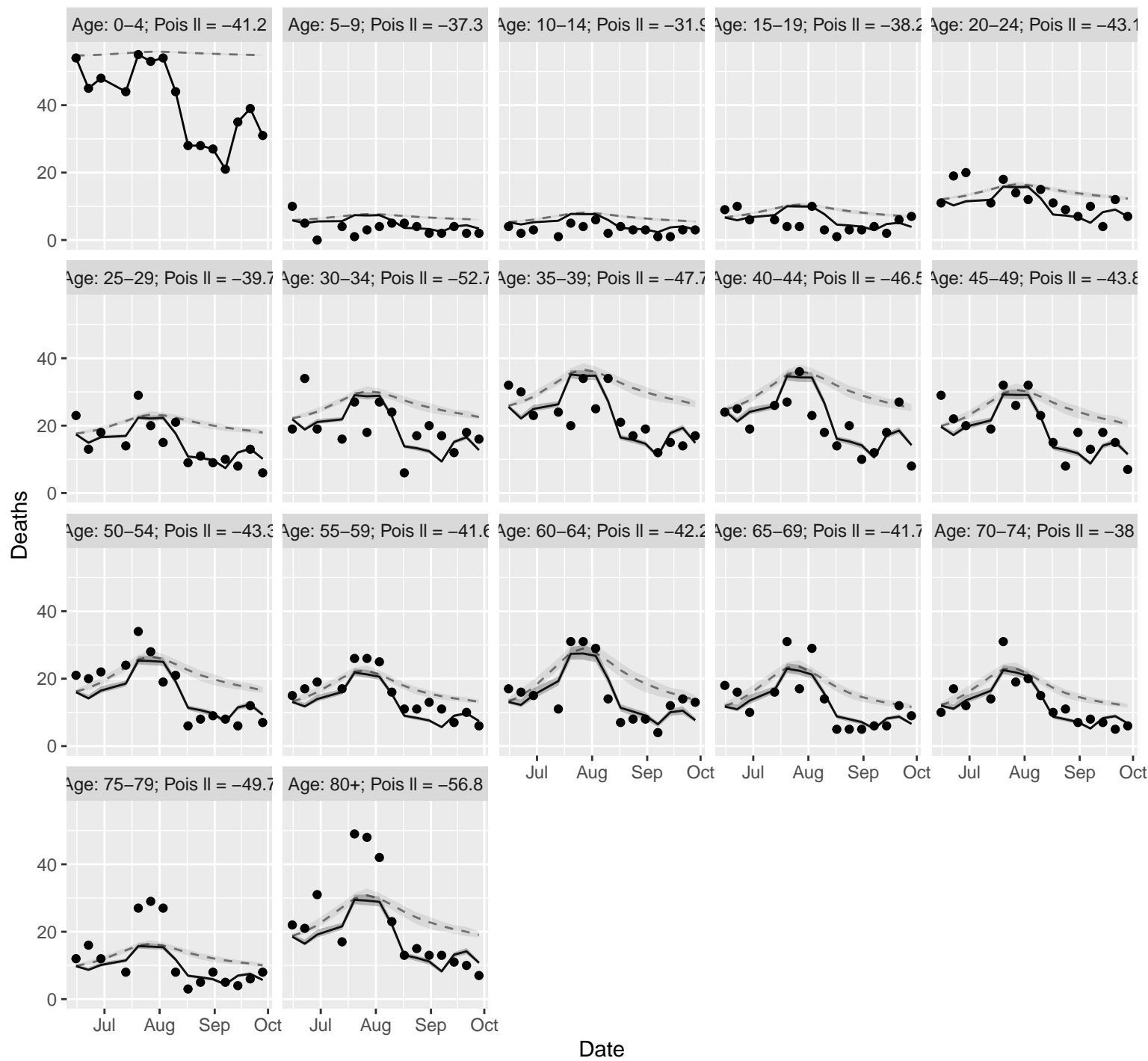


IFR x 0.6, Slope x 0.8  
Modelled COVID-19 Combined prevalence Lusaka

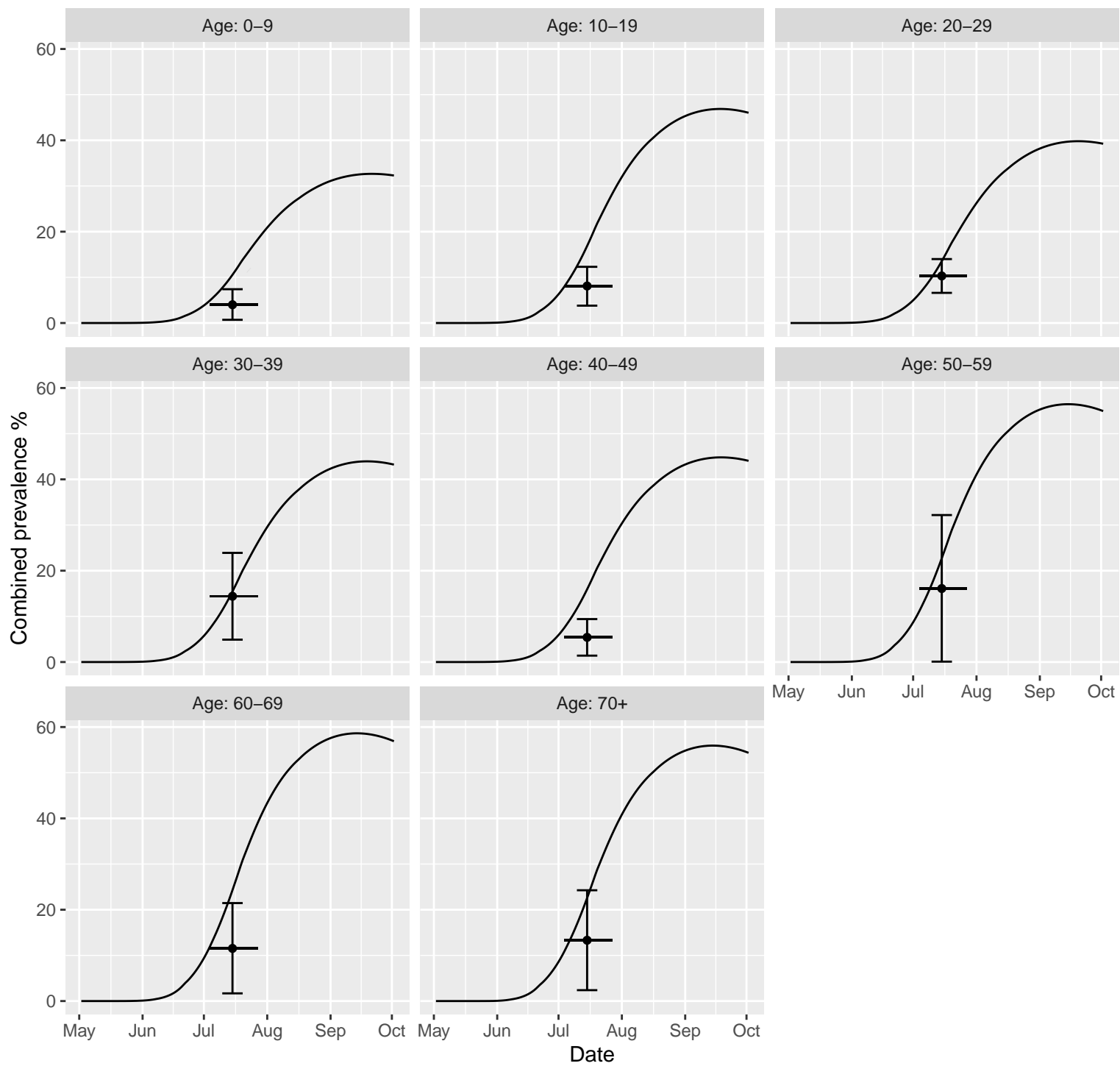




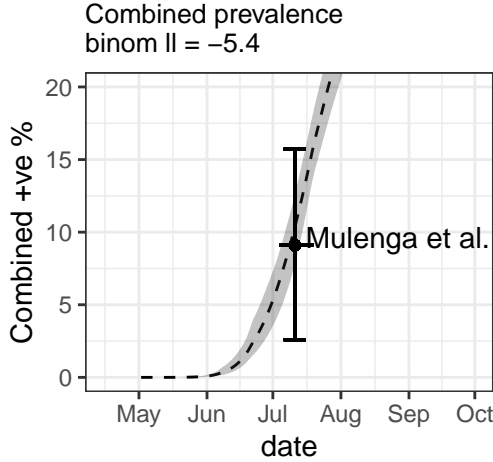
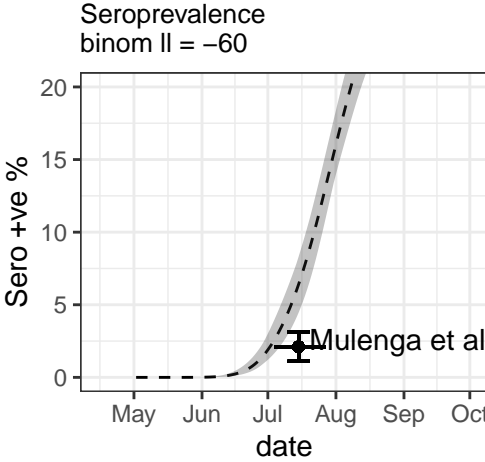
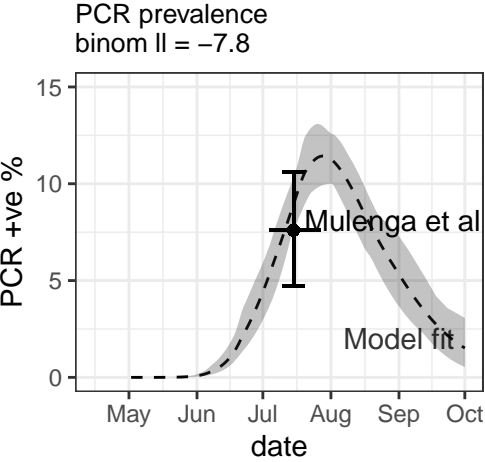
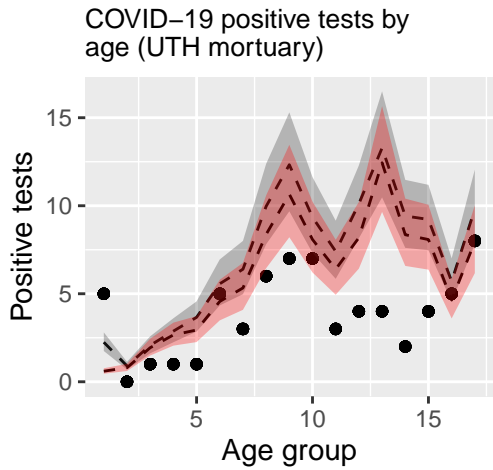
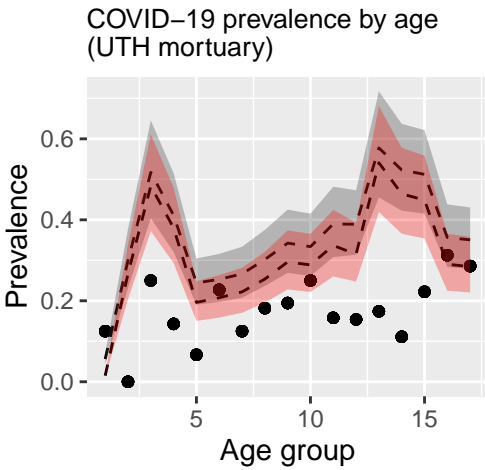
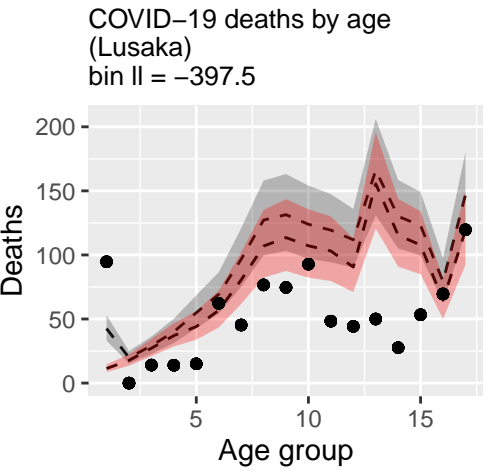
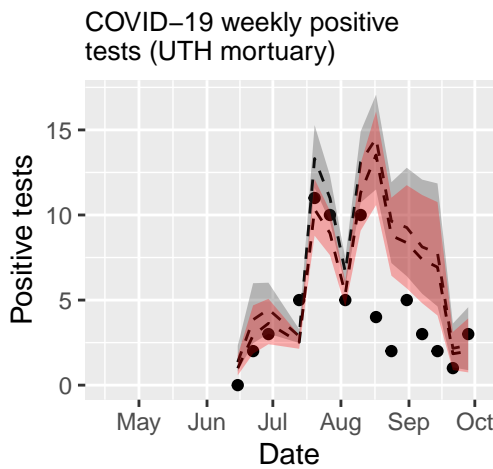
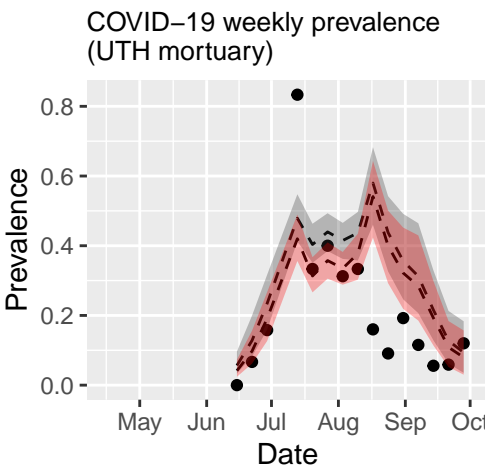
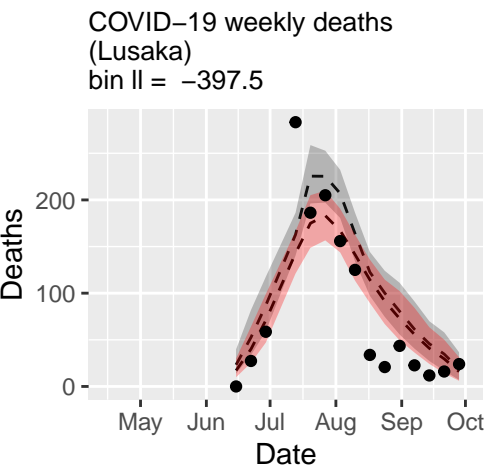
IFR x 0.8, Slope x 0.8  
COVID-19 weekly deaths (Mortuary)  
pois ll = -735.5



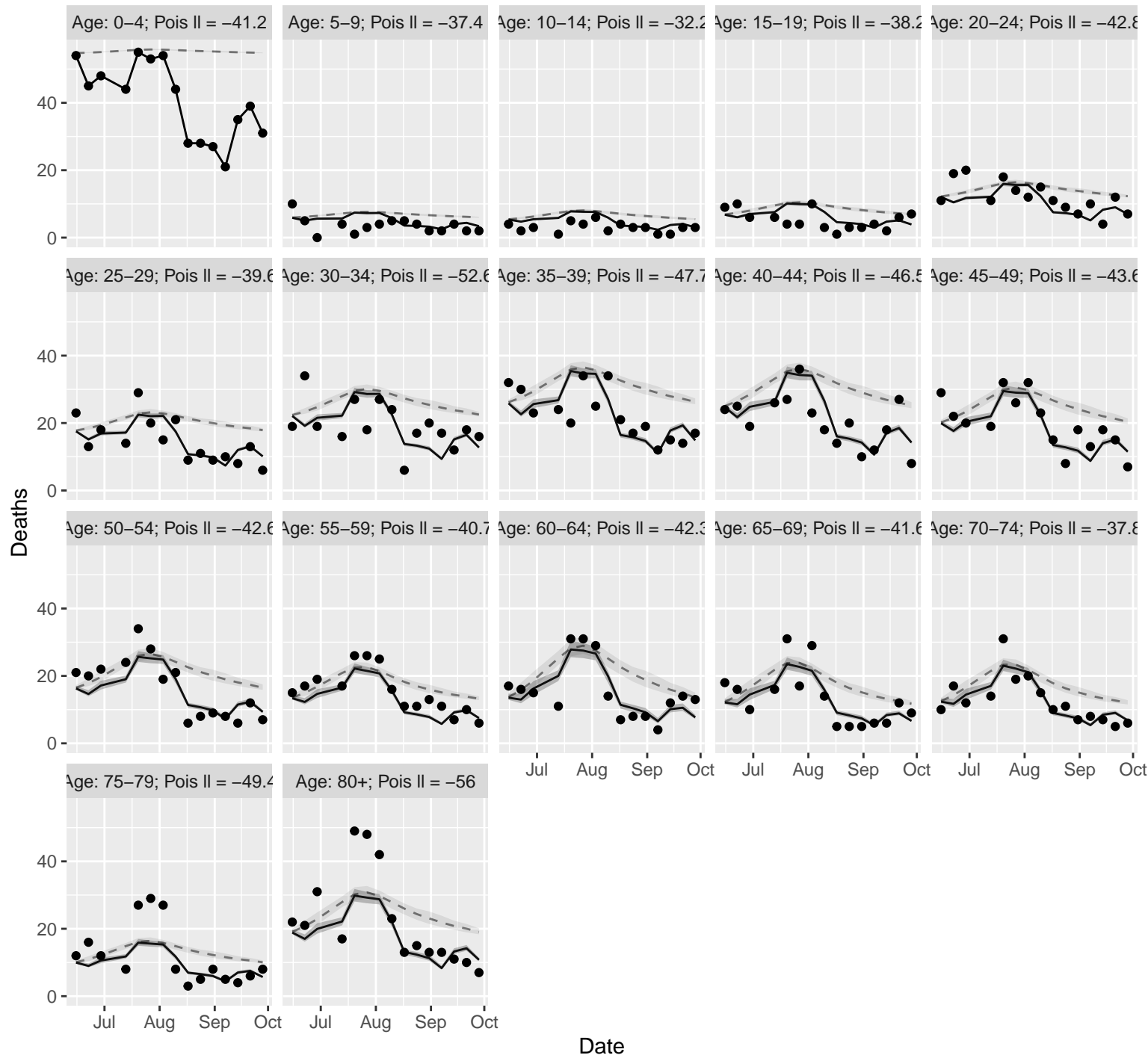
IFR x 0.8, Slope x 0.8  
Modelled COVID-19 Combined prevalence Lusaka



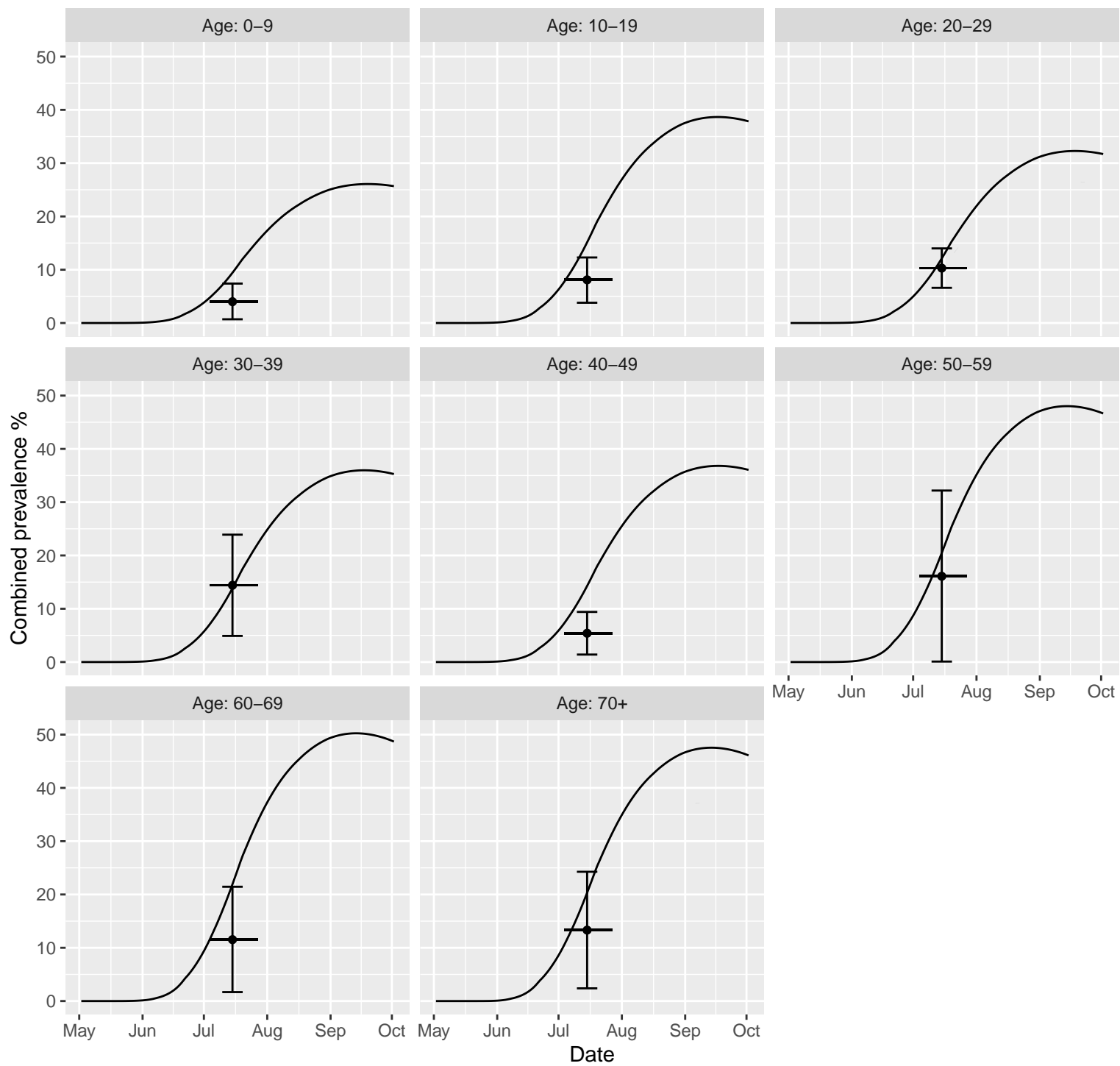


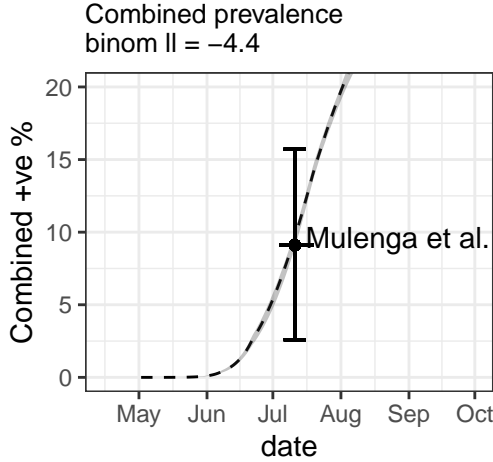
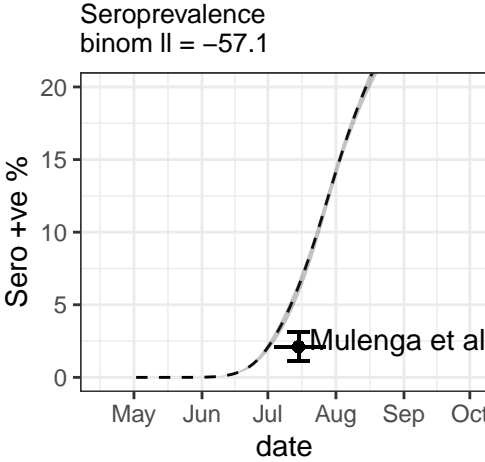
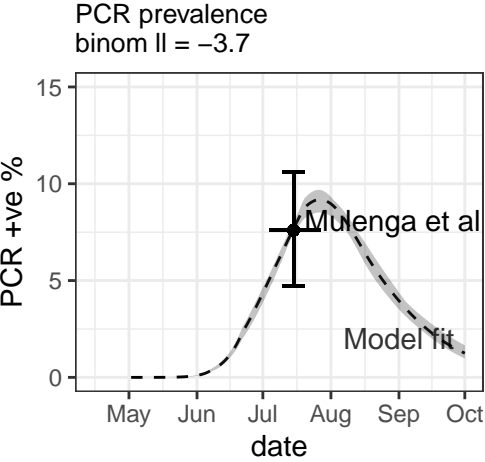
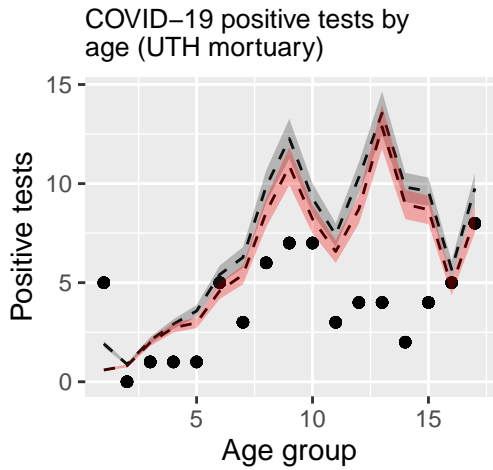
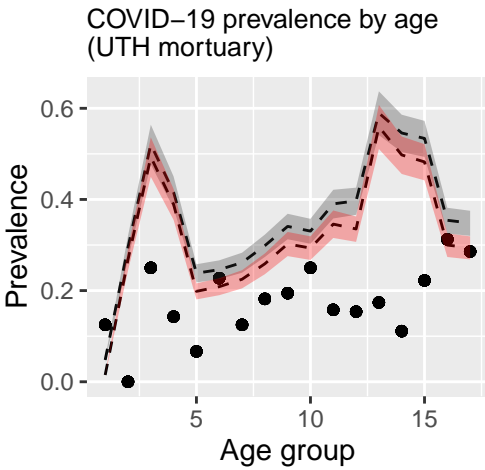
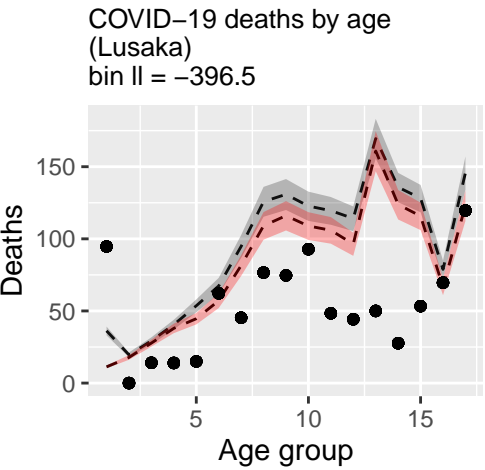
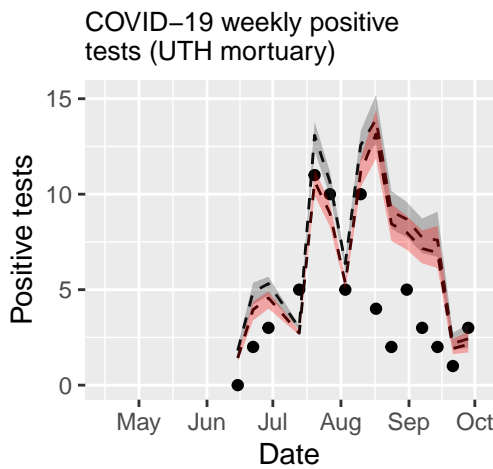
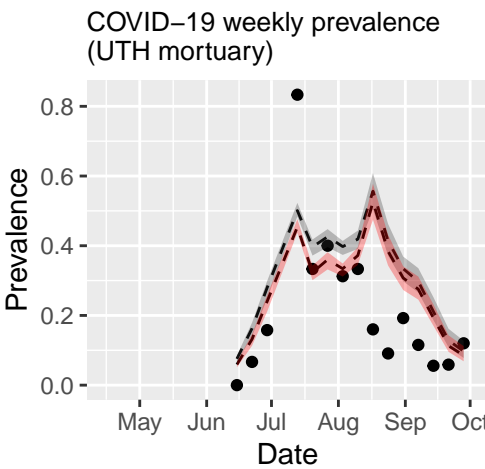
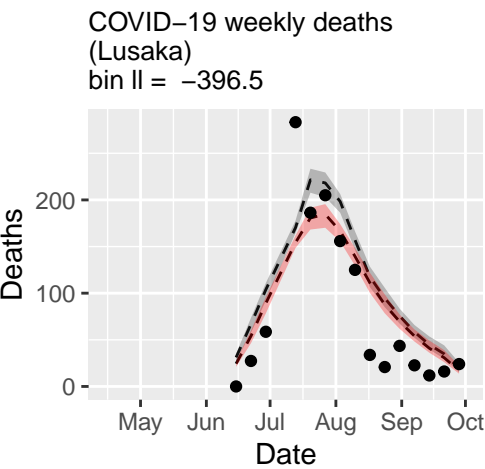


IFR x 1, Slope x 0.8  
 COVID-19 weekly deaths (Mortuary)  
 pois II = -732

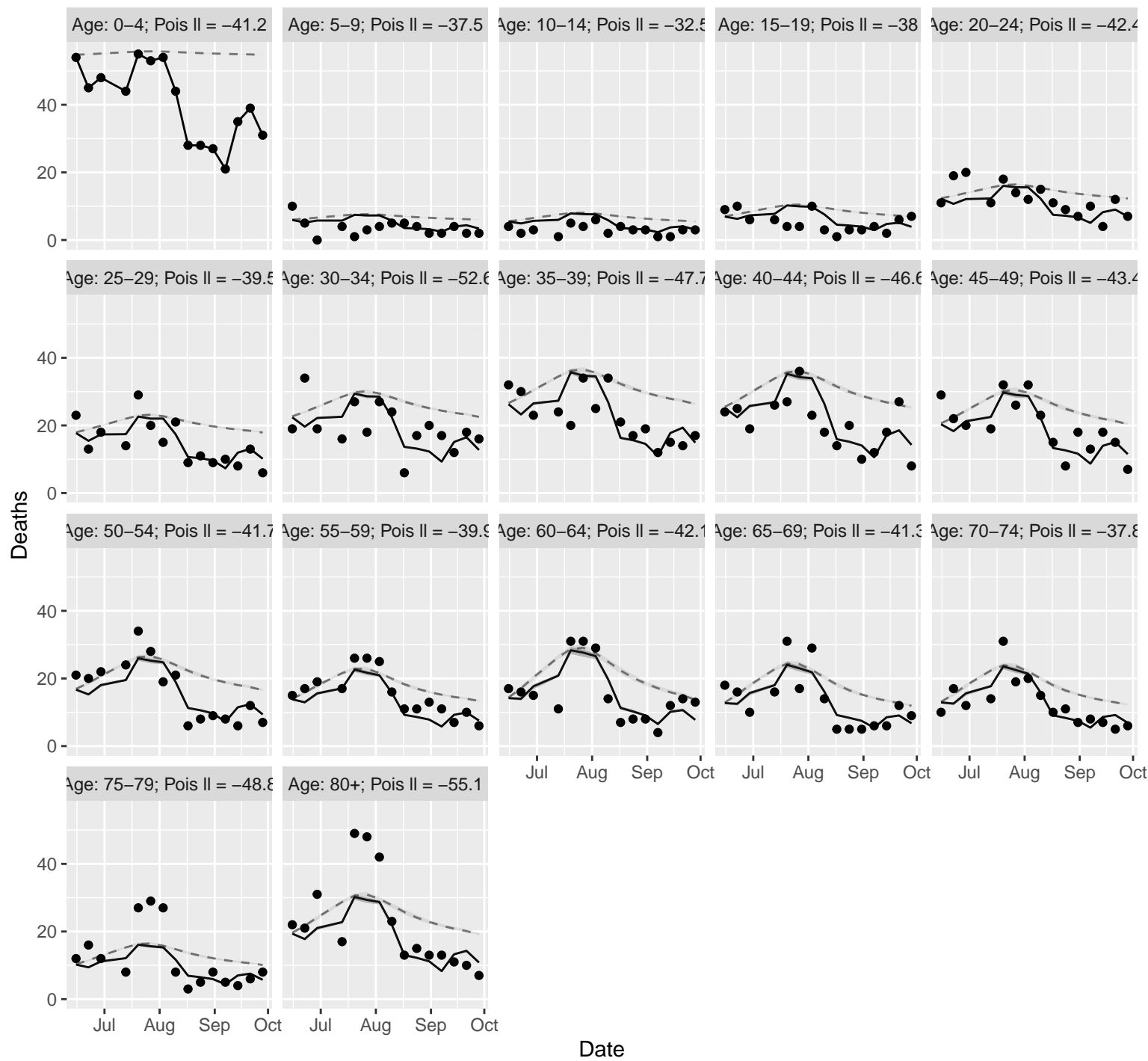


IFR x 1, Slope x 0.8  
Modelled COVID-19 Combined prevalence Lusaka

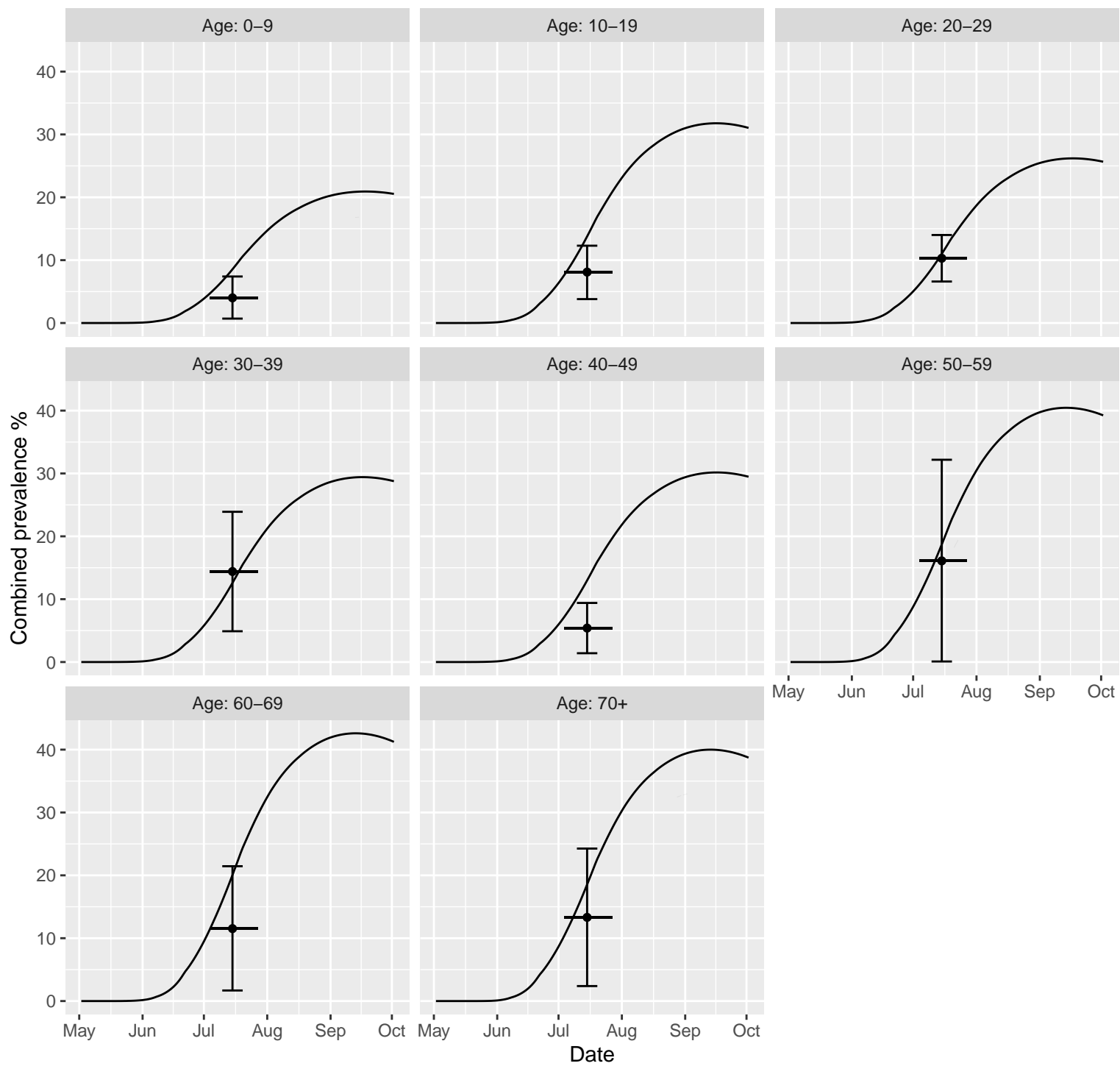


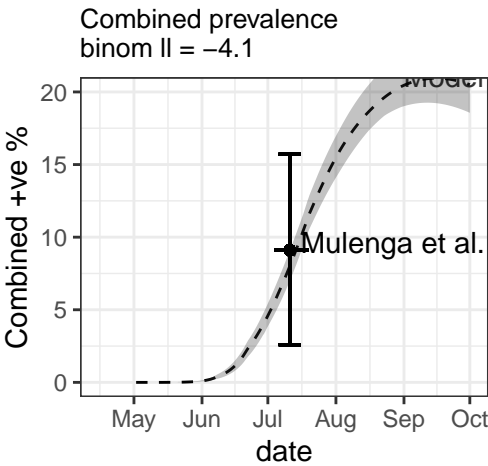
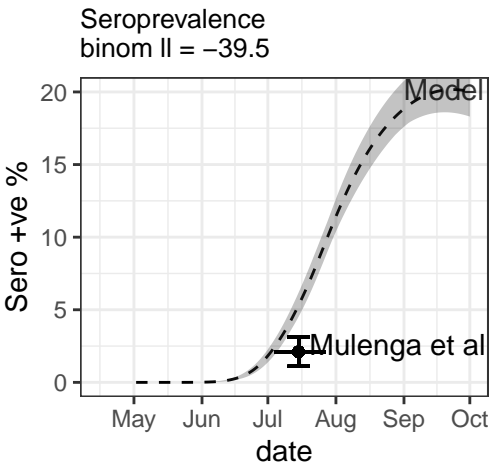
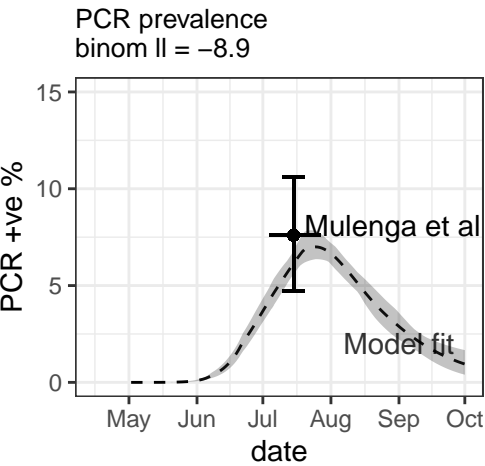
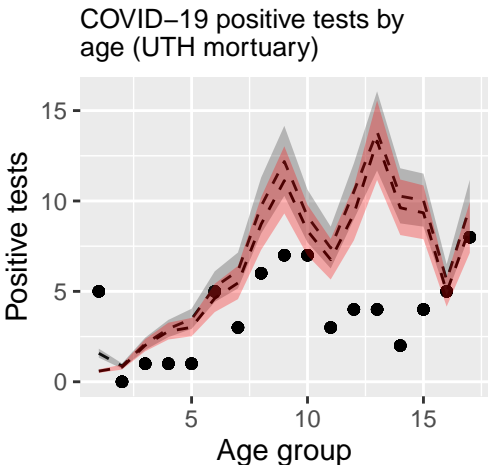
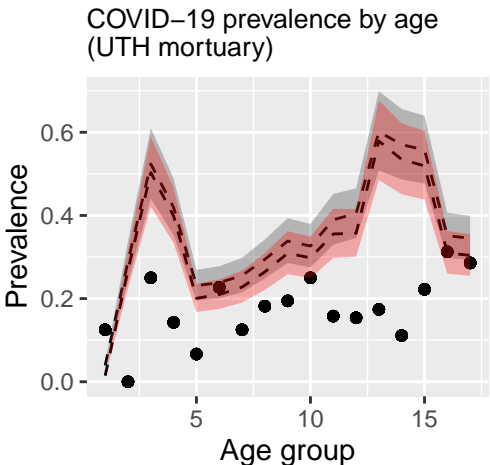
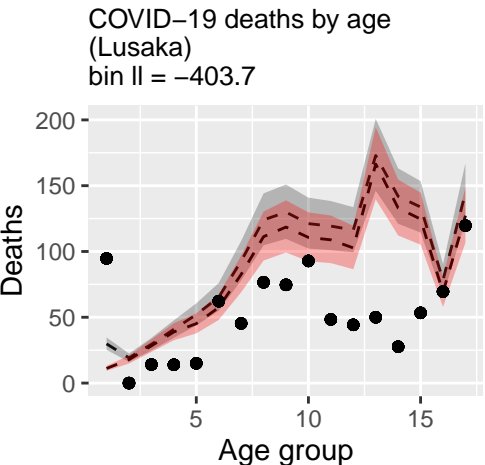
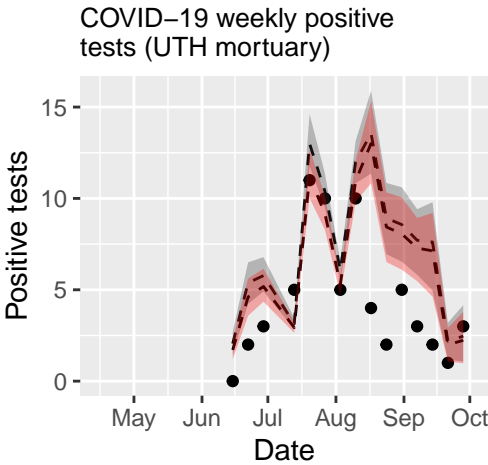
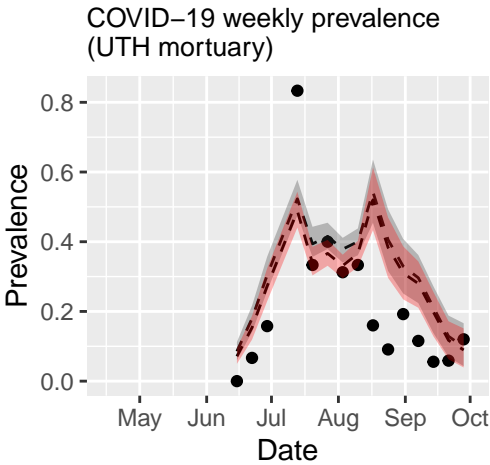
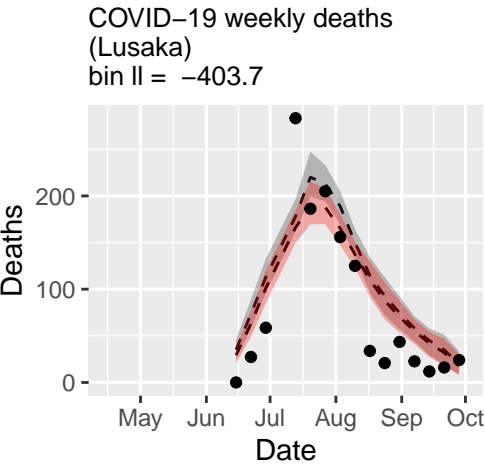


IFR x 1.25, Slope x 0.8  
COVID-19 weekly deaths (Mortuary)  
pois ll = -728.3

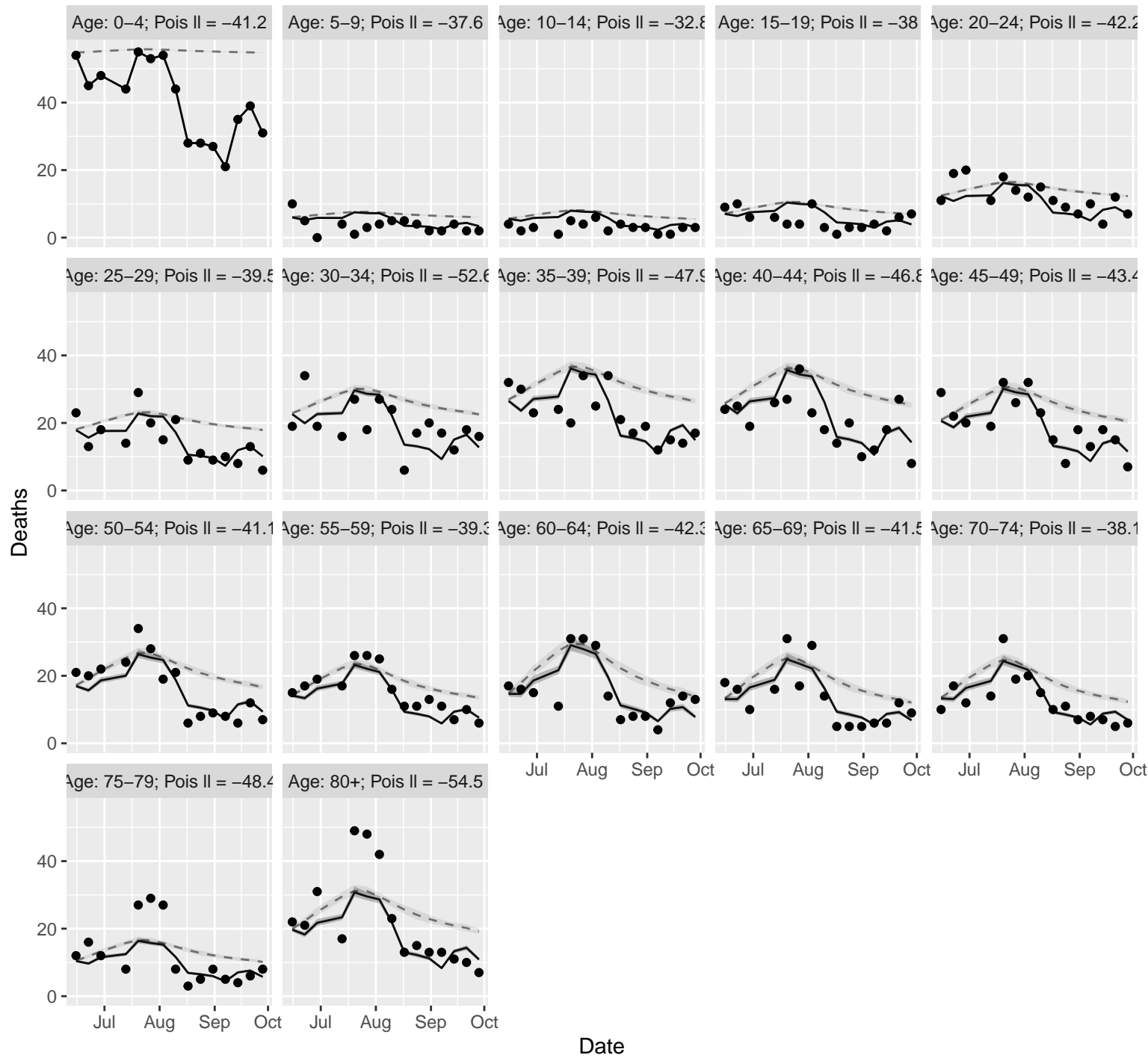


IFR x 1.25, Slope x 0.8  
Modelled COVID-19 Combined prevalence Lusaka



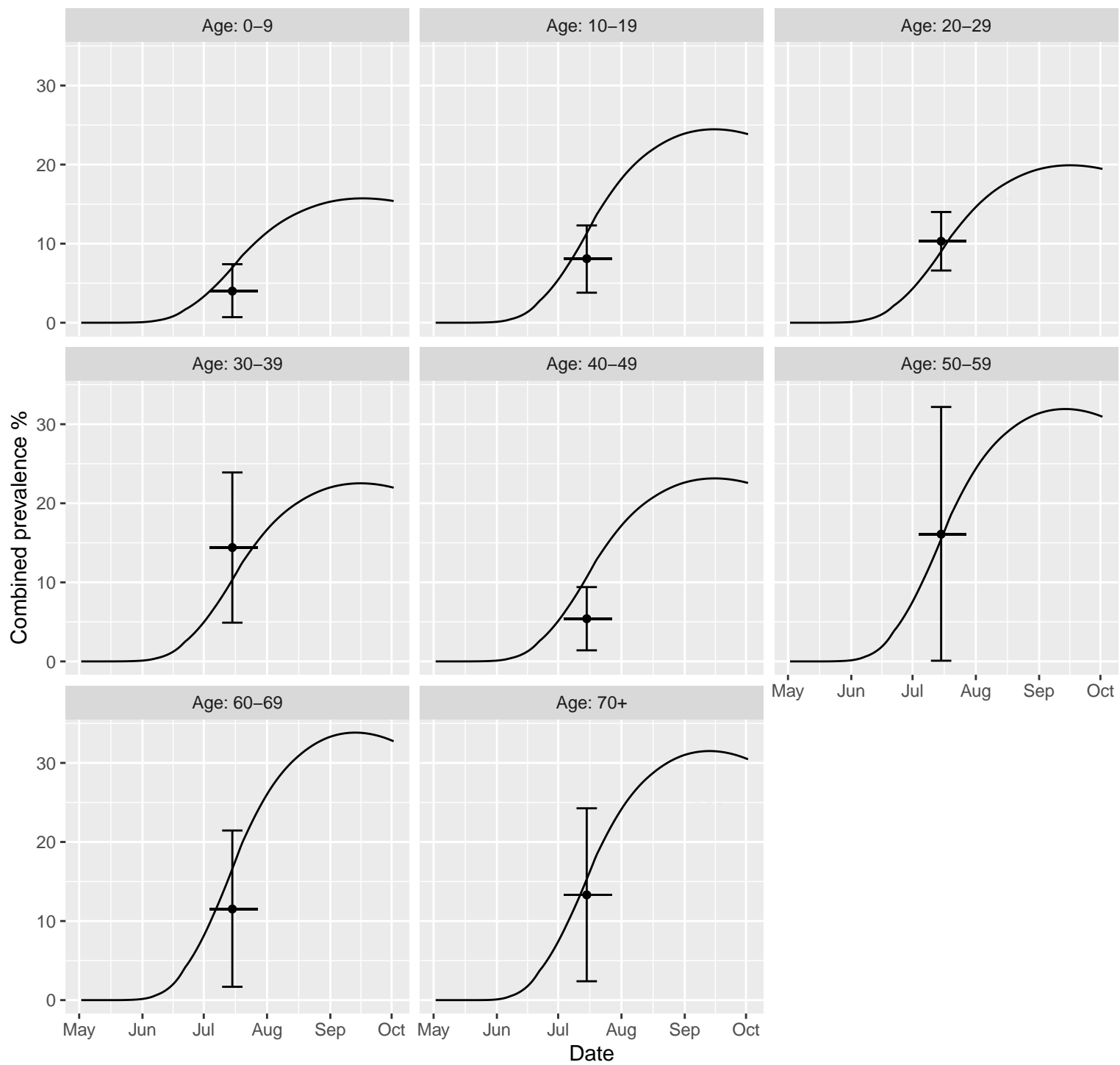


IFR x 1.66666666666667, Slope x 0.8  
COVID-19 weekly deaths (Mortuary)  
pois ll = -727.3

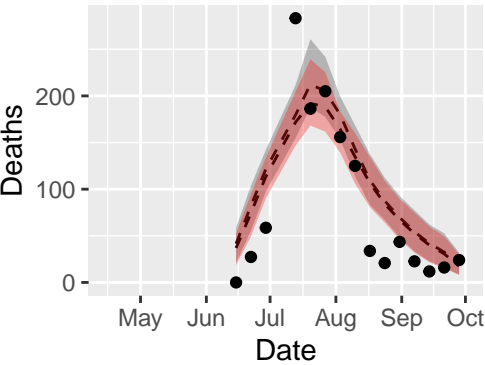




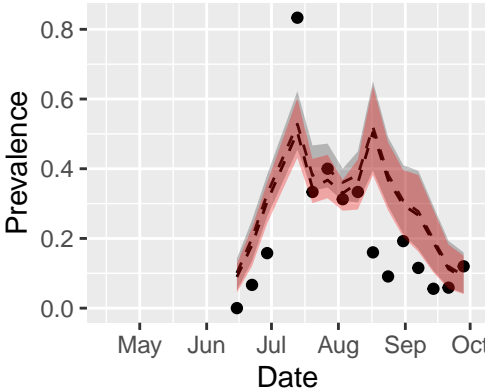
IFR x 1.66666666666667, Slope x 0.8  
Modelled COVID-19 Combined prevalence Lusaka



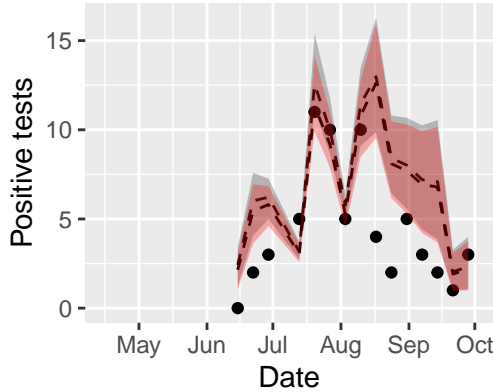
COVID-19 weekly deaths  
(Lusaka)  
bin II = -399.4



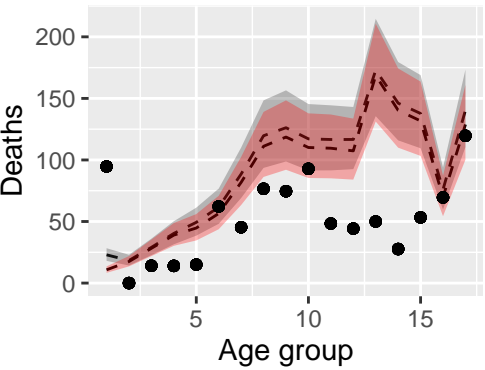
COVID-19 weekly prevalence  
(UTH mortuary)



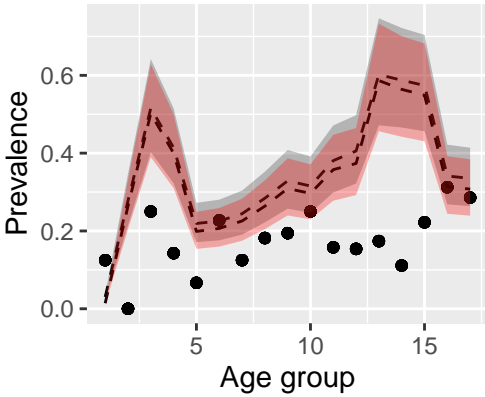
COVID-19 weekly positive tests  
(UTH mortuary)



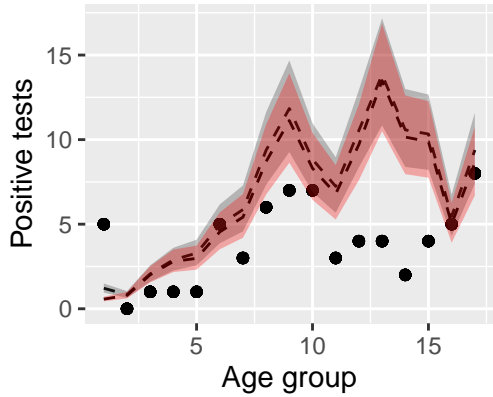
COVID-19 deaths by age  
(Lusaka)  
bin II = -399.4



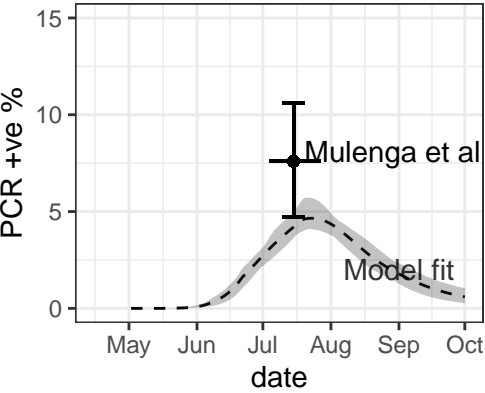
COVID-19 prevalence by age  
(UTH mortuary)



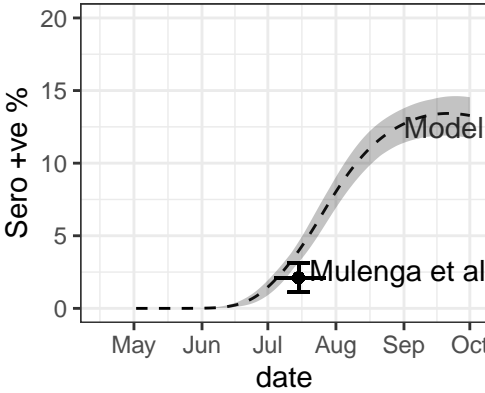
COVID-19 positive tests by age  
(UTH mortuary)



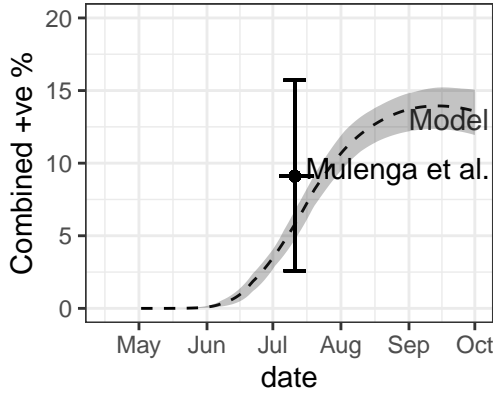
PCR prevalence  
binom II = -38.7



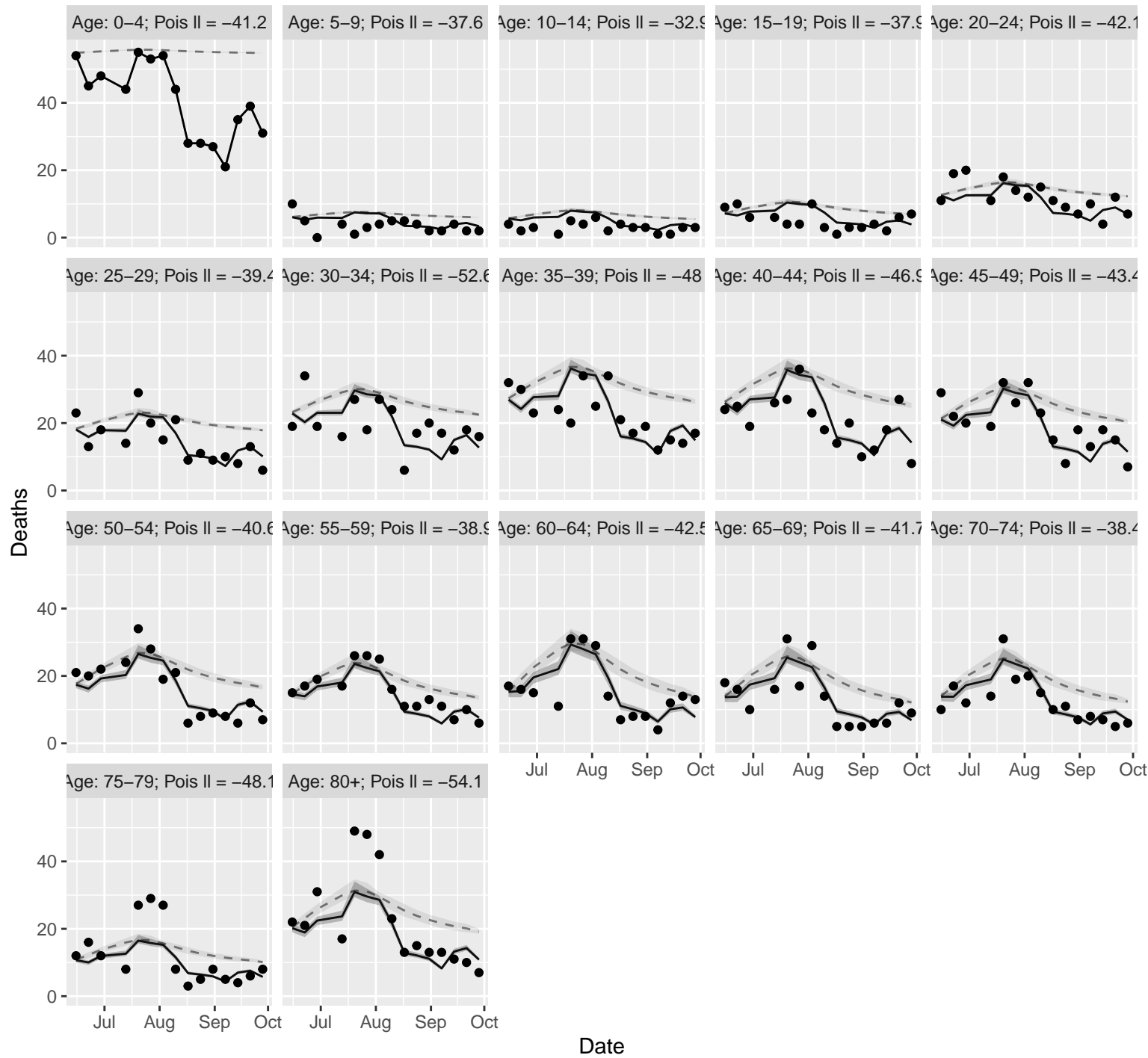
Seroprevalence  
binom II = -18.4



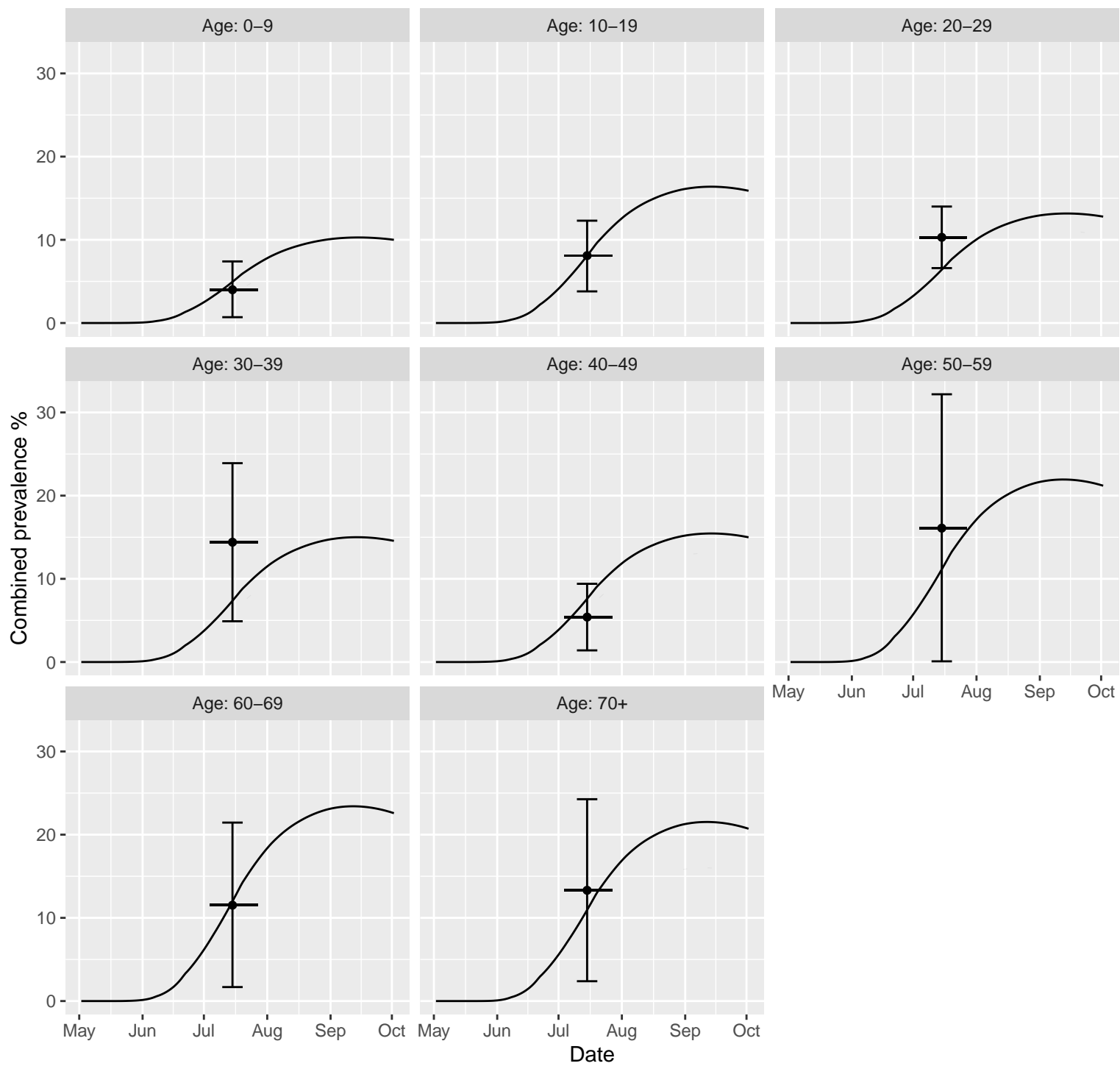
Combined prevalence  
binom II = -6.2



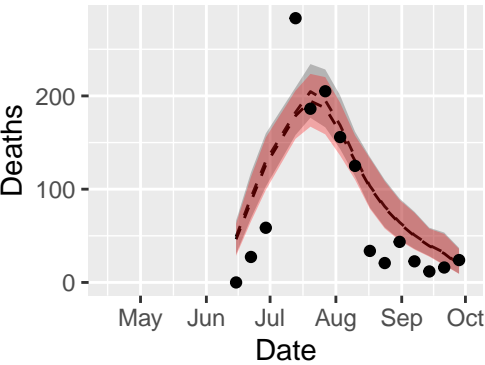
IFR x 2.5, Slope x 0.8  
COVID-19 weekly deaths (Mortuary)  
pois II = -726.5



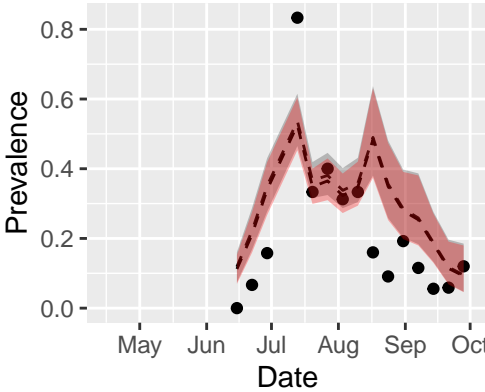
IFR x 2.5, Slope x 0.8  
Modelled COVID-19 Combined prevalence Lusaka



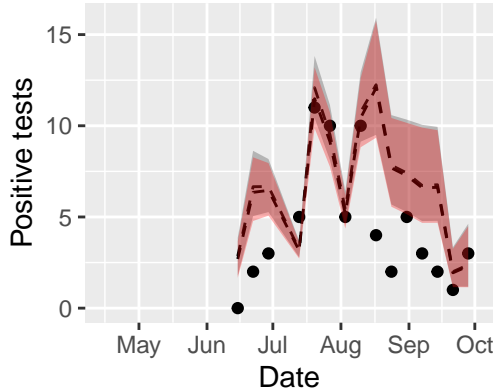
COVID-19 weekly deaths  
(Lusaka)  
bin II = -400.5



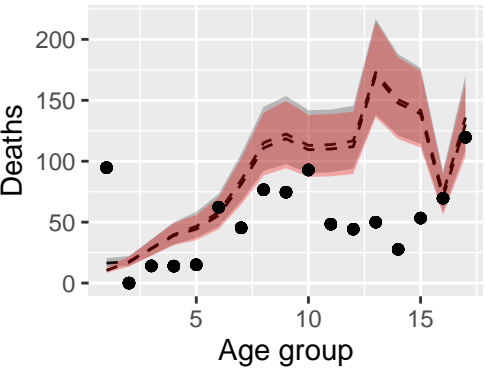
COVID-19 weekly prevalence  
(UTH mortuary)



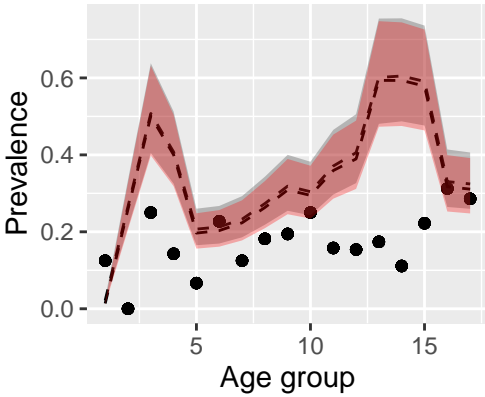
COVID-19 weekly positive tests  
(UTH mortuary)



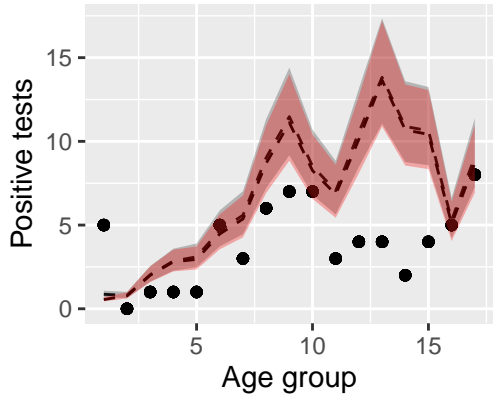
COVID-19 deaths by age  
(Lusaka)  
bin II = -400.5



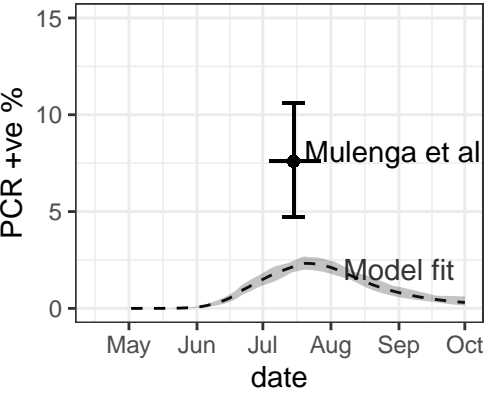
COVID-19 prevalence by age  
(UTH mortuary)



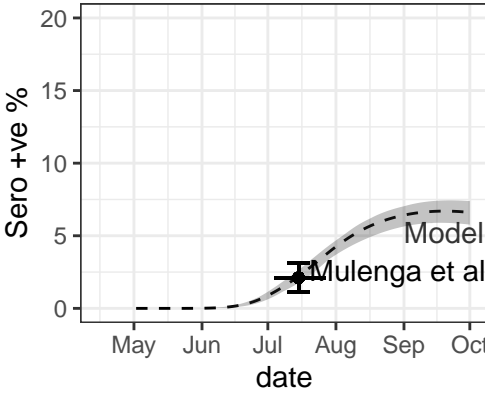
COVID-19 positive tests by age  
(UTH mortuary)



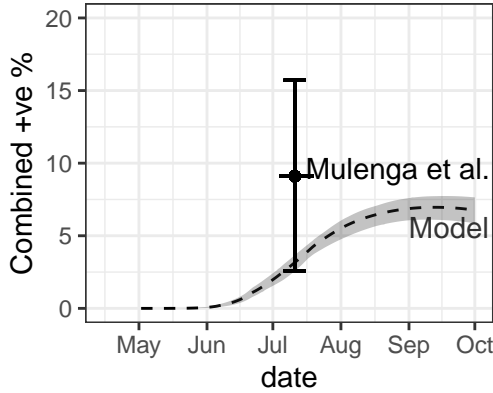
PCR prevalence  
binom II = -131.6



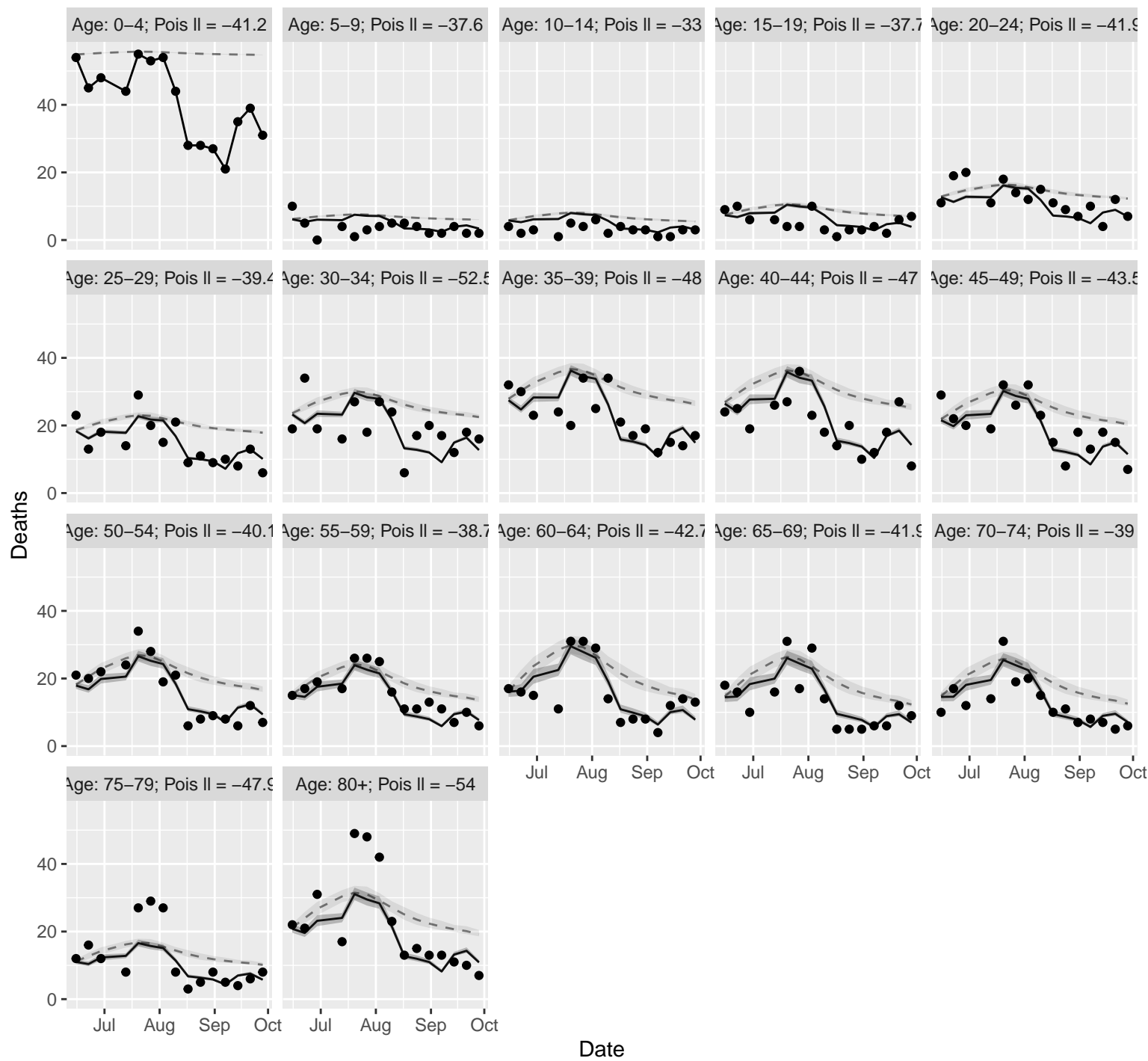
Seroprevalence  
binom II = -3.2



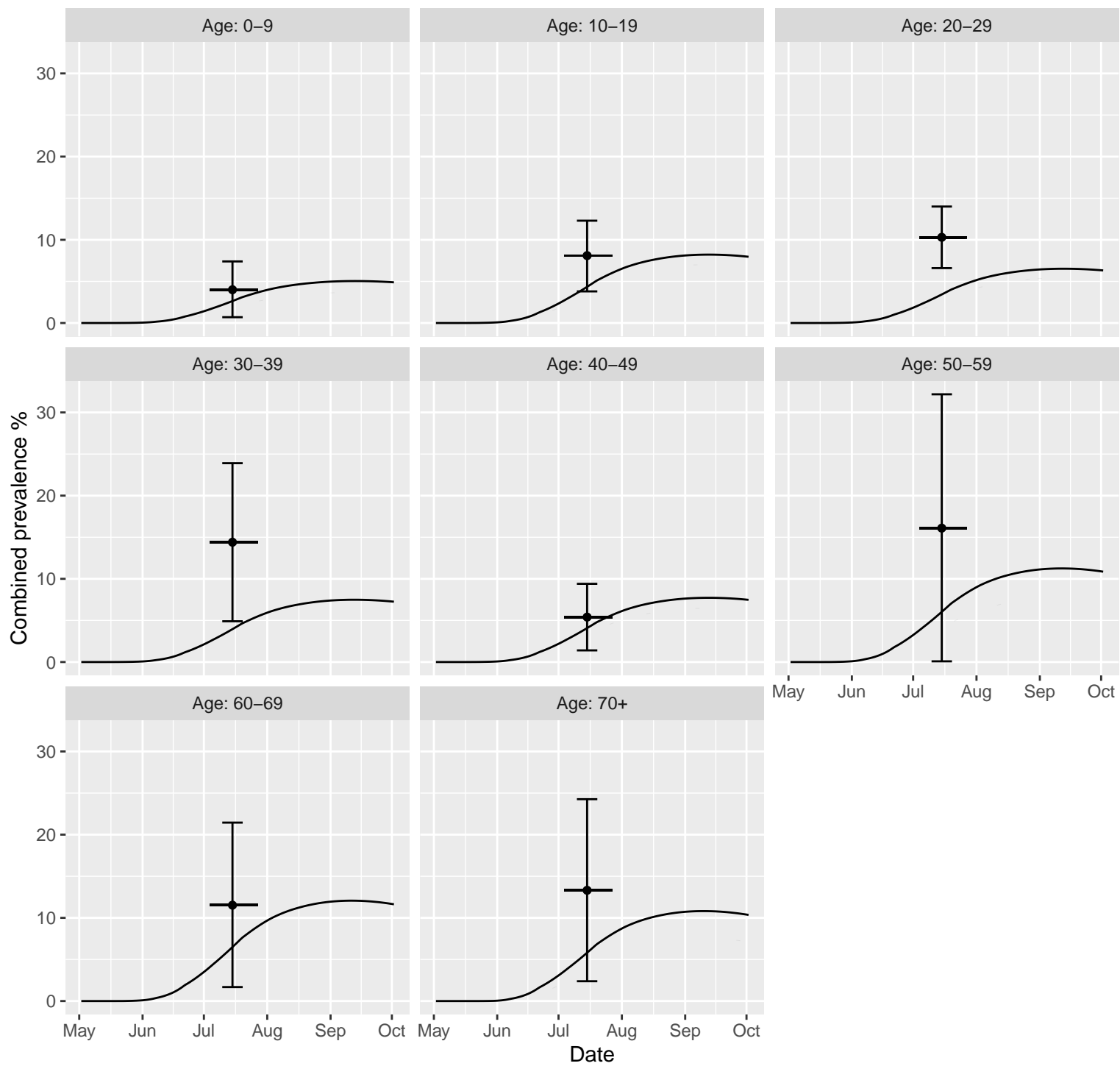
Combined prevalence  
binom II = -15.7



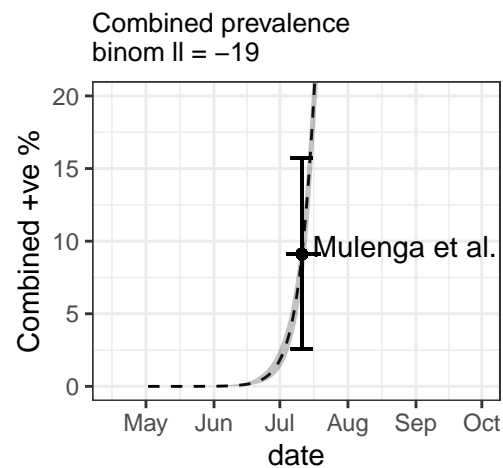
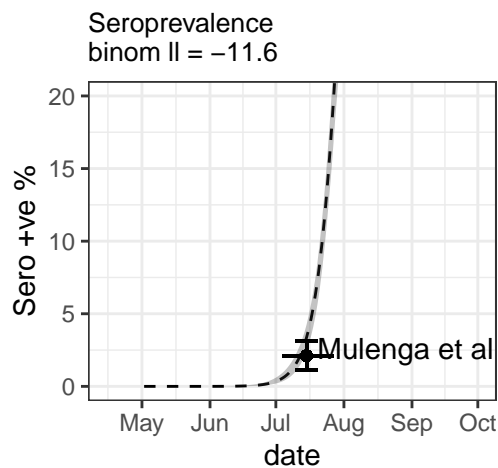
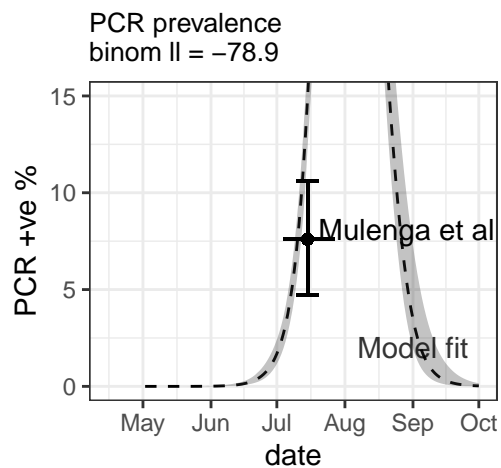
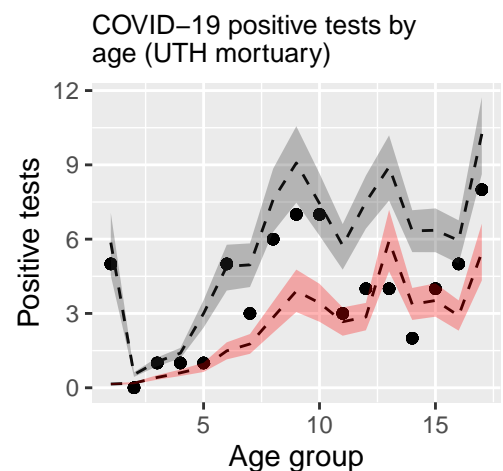
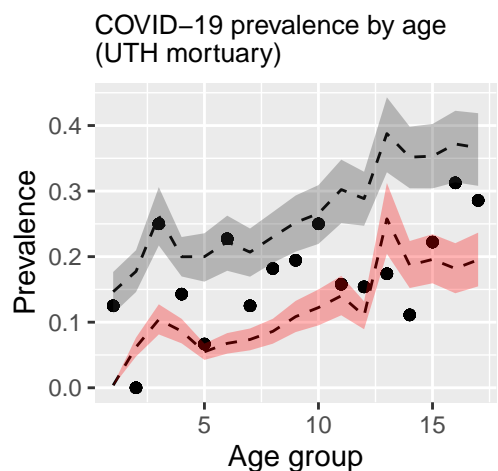
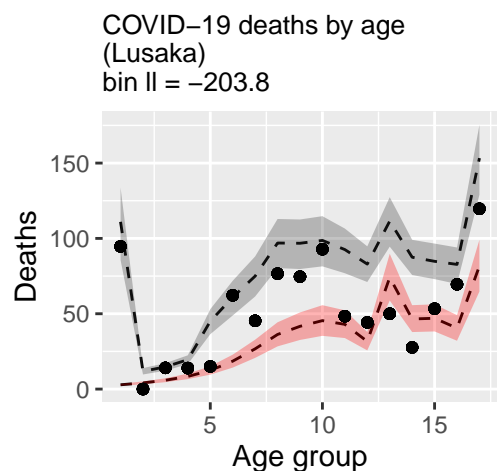
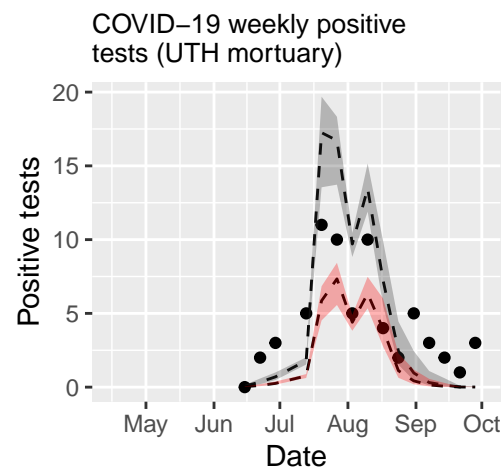
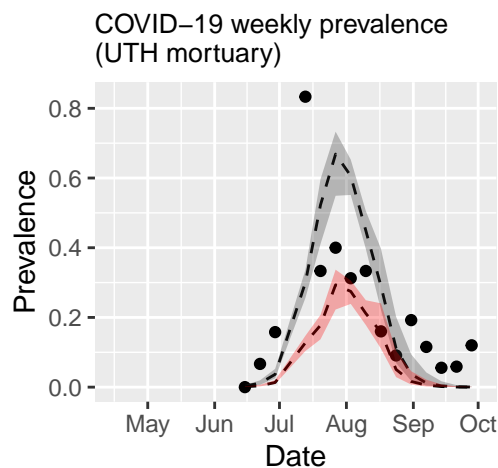
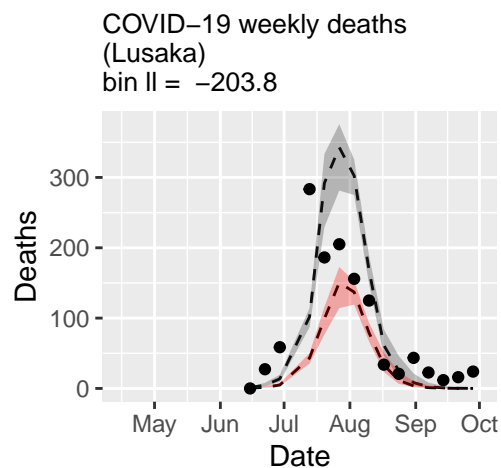
IFR x 5, Slope x 0.8  
COVID-19 weekly deaths (Mortuary)  
pois ll = -726.2



IFR x 5, Slope x 0.8  
Modelled COVID-19 Combined prevalence Lusaka

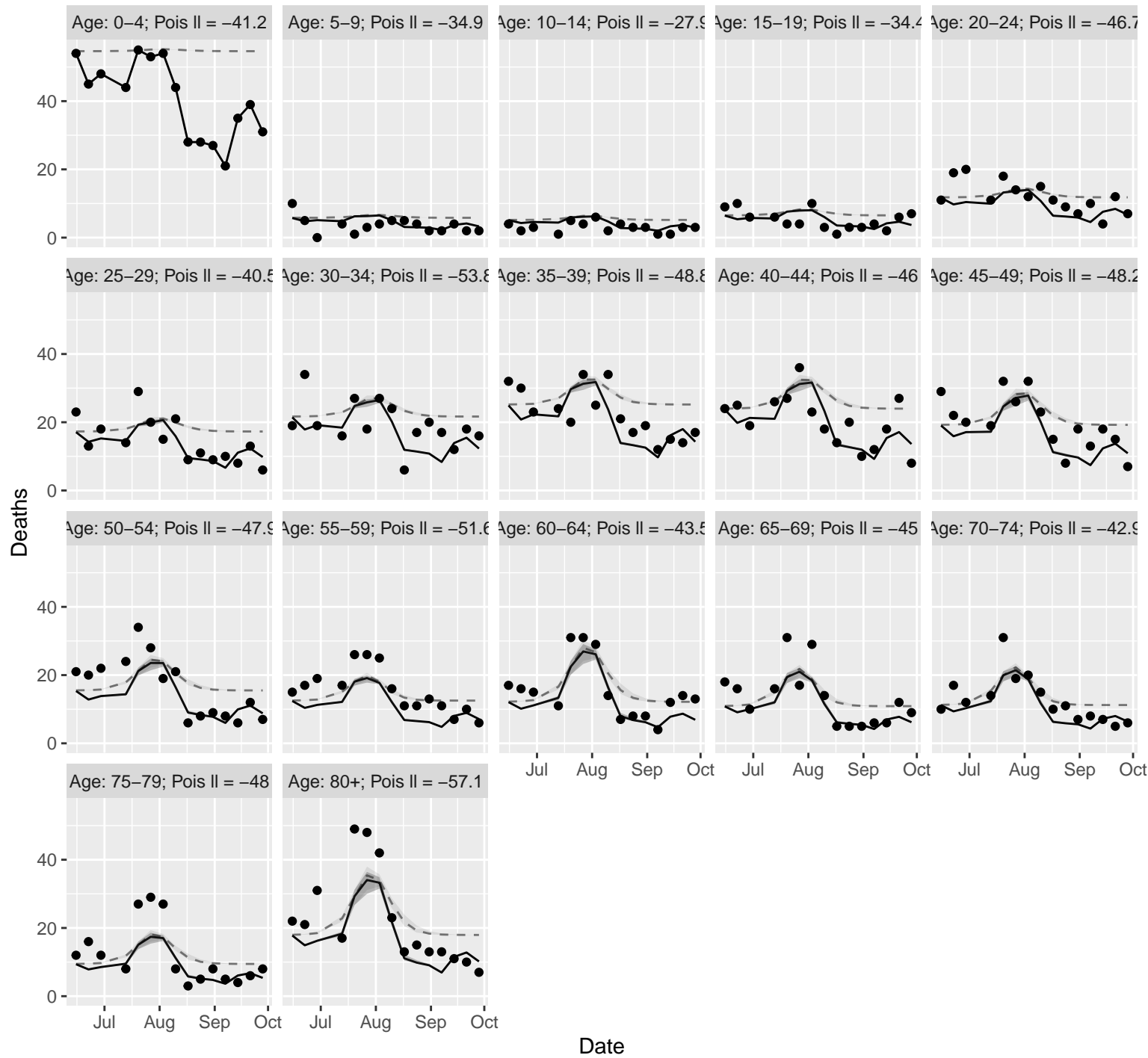


IFR x 0.2, Slope x 1

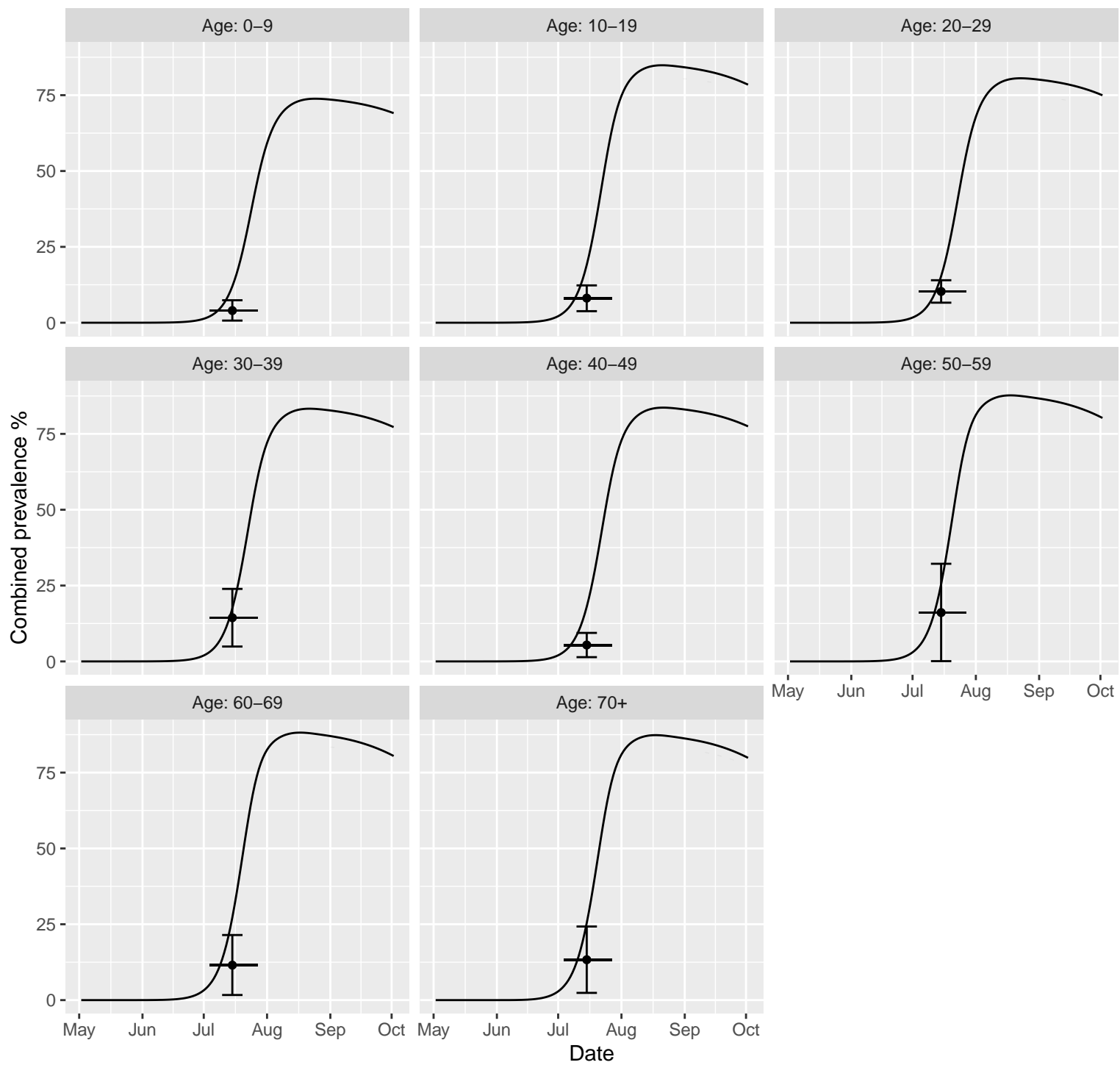


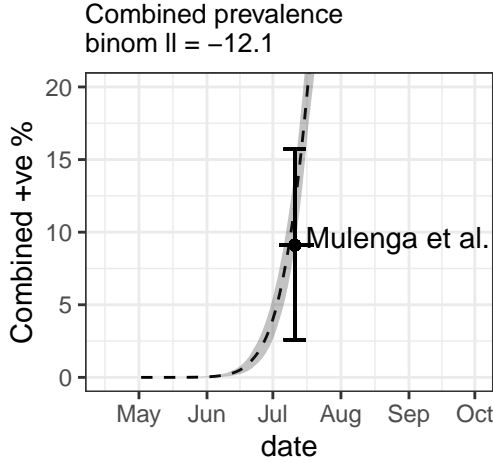
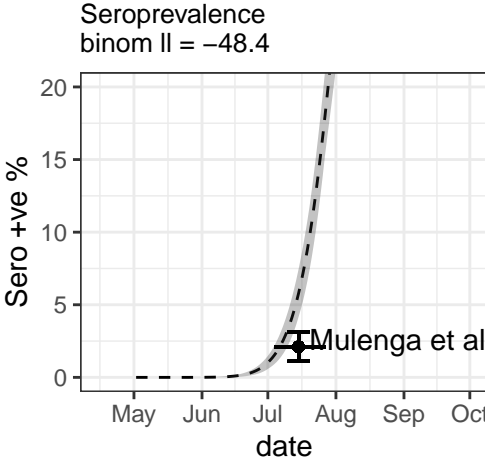
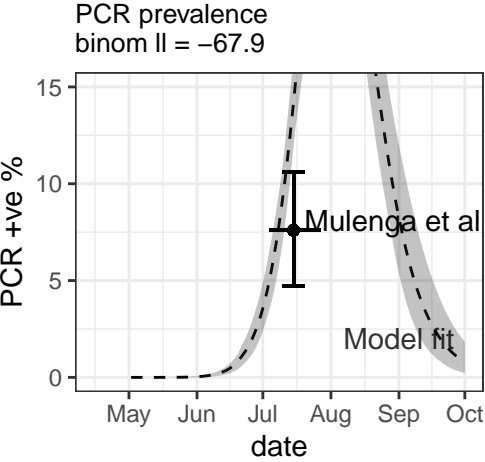
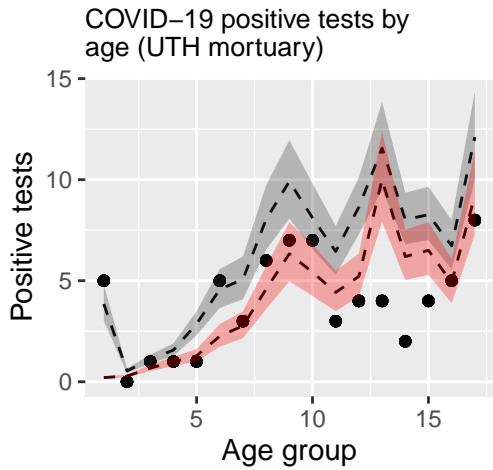
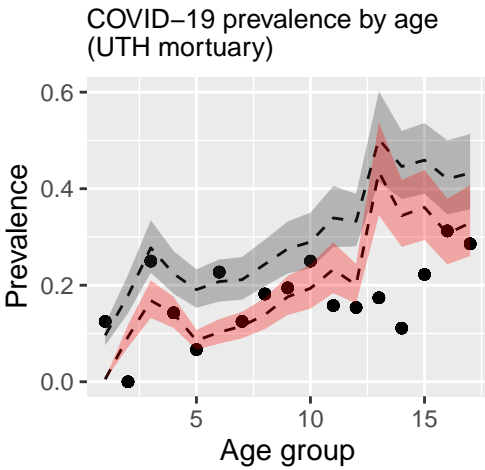
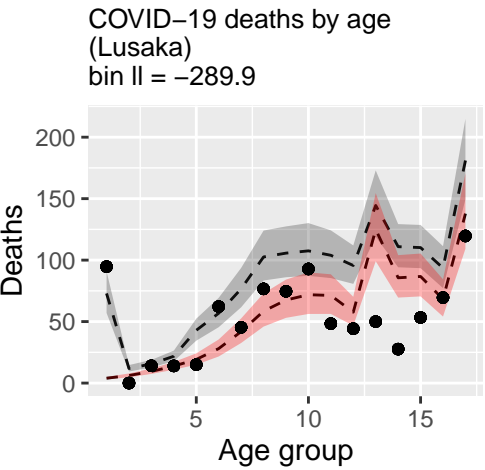
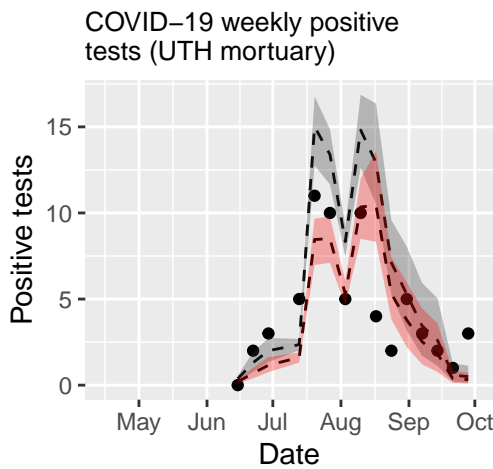
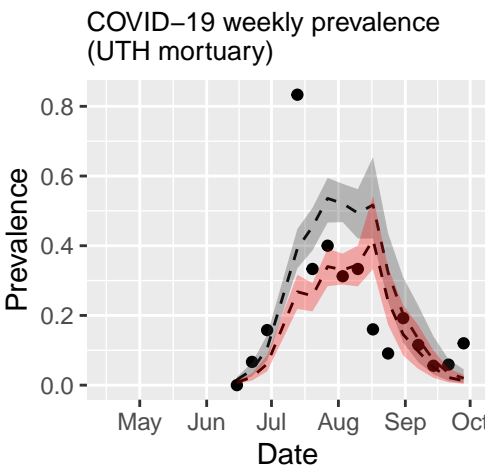
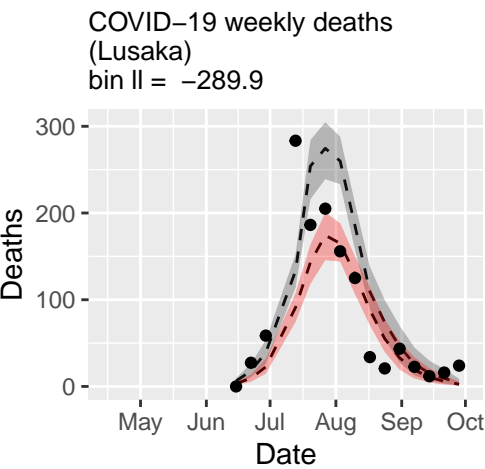


IFR x 0.2, Slope x 1  
COVID-19 weekly deaths (Mortuary)  
pois ll = -758.5

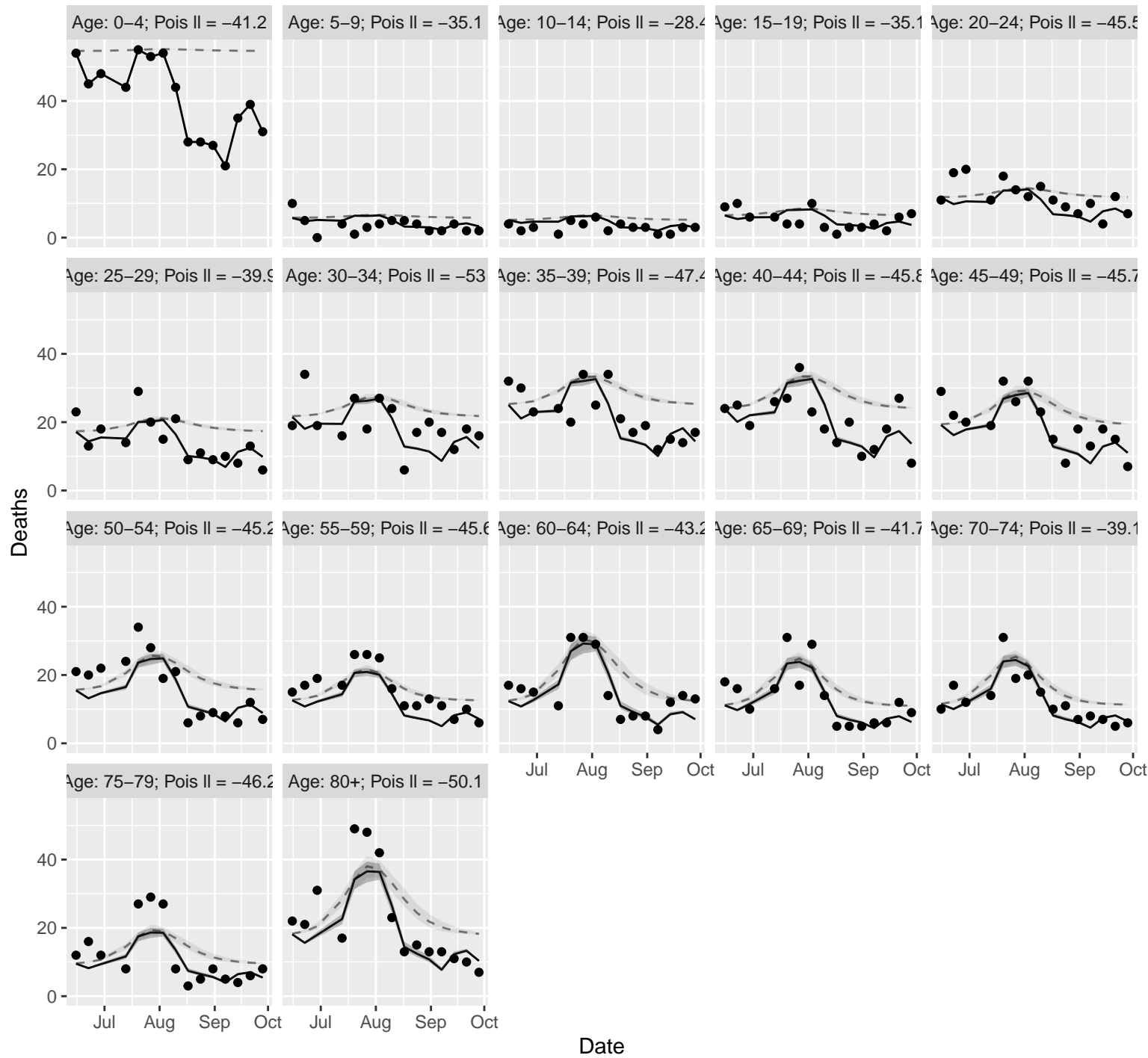


IFR x 0.2, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka

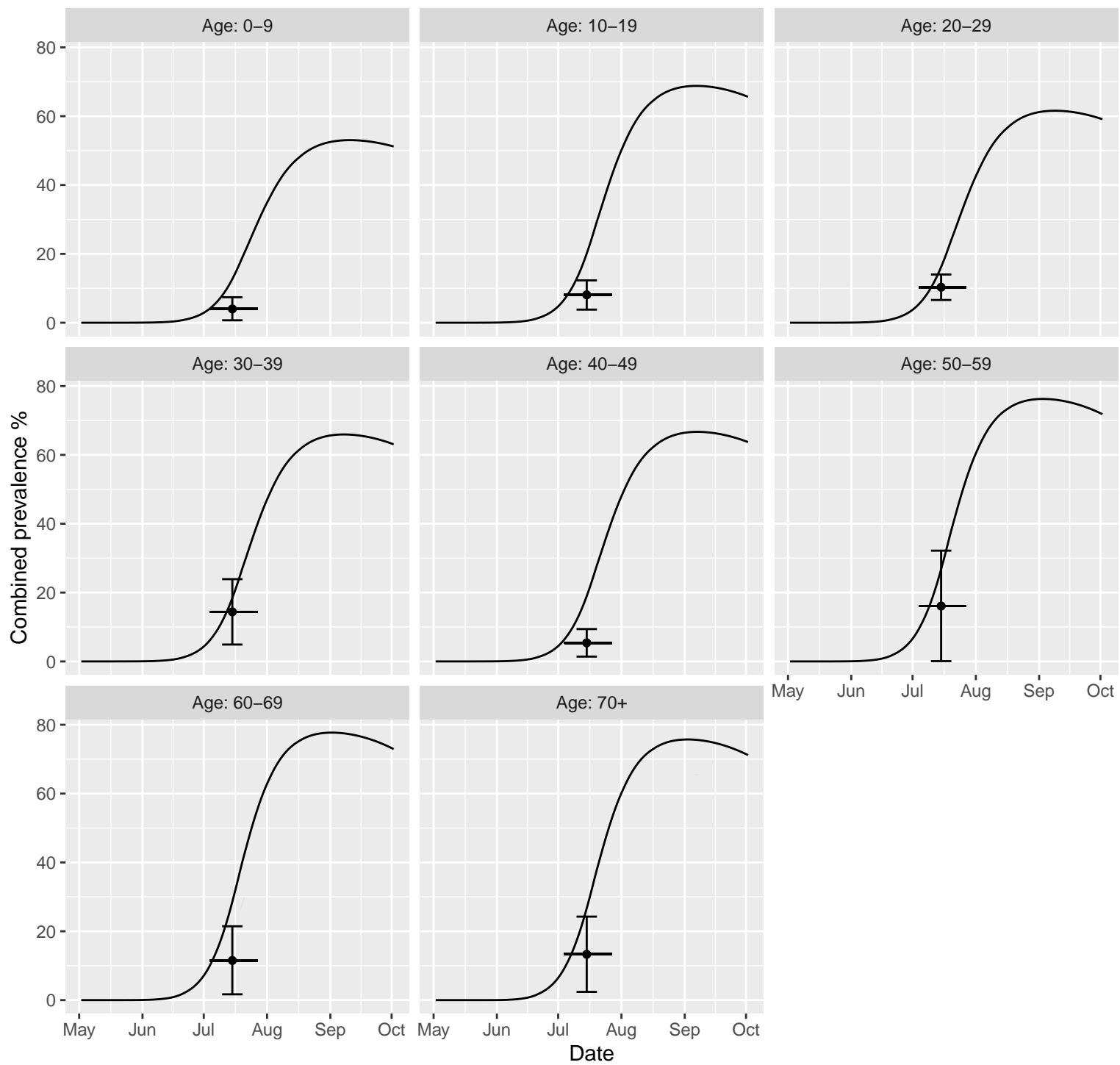


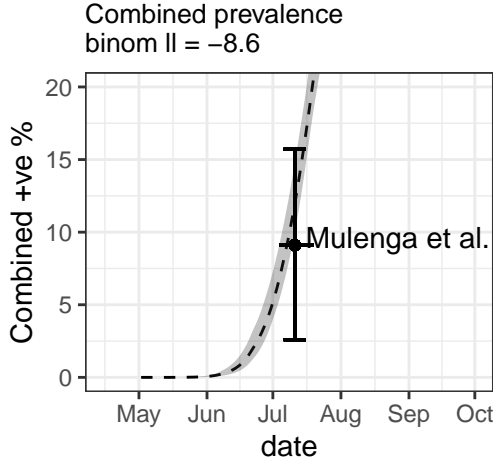
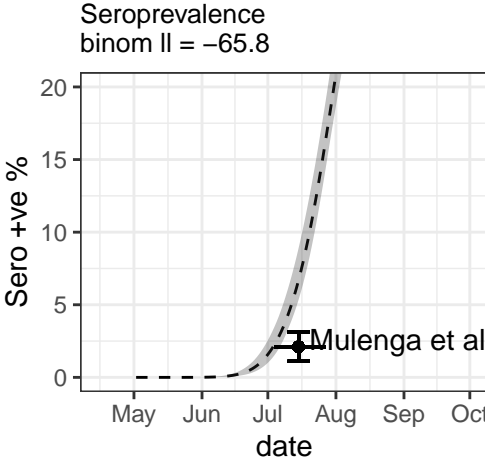
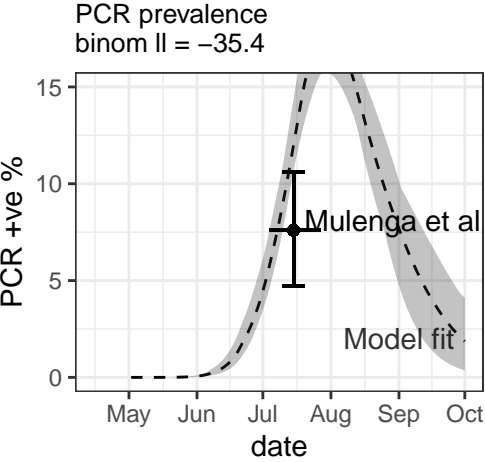
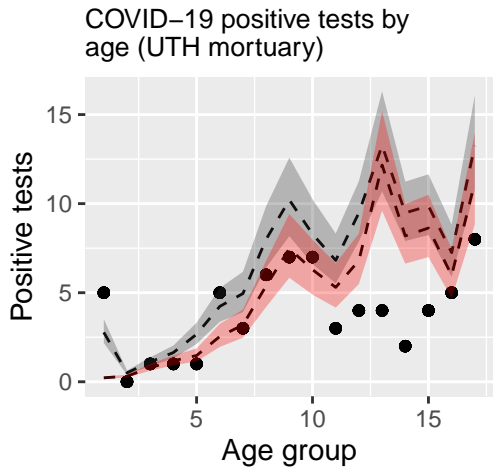
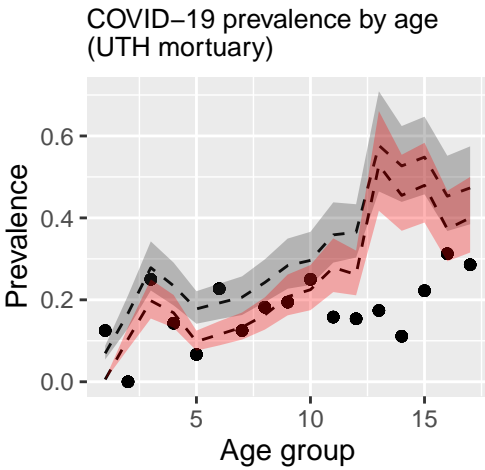
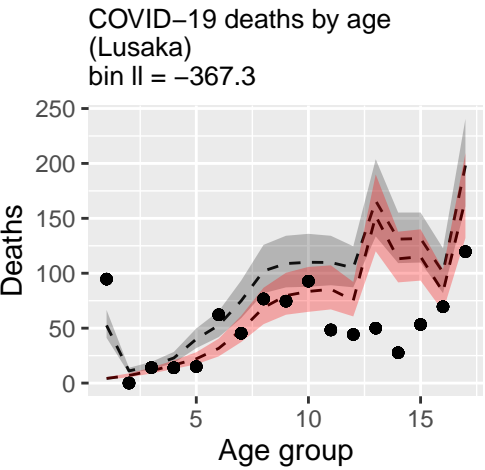
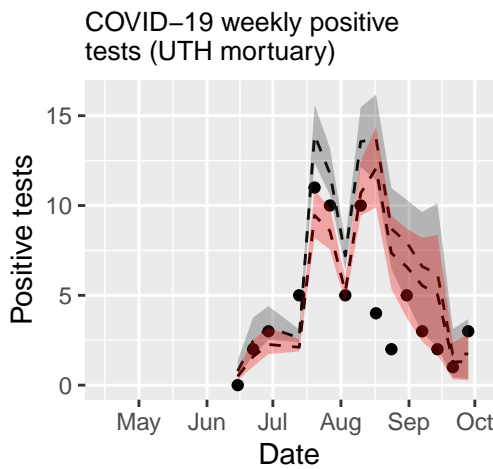
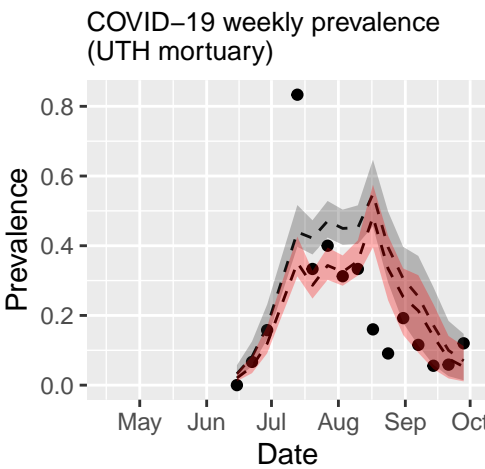
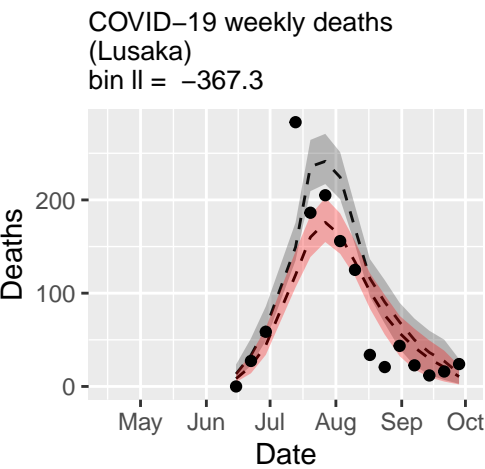


IFR x 0.4, Slope x 1  
COVID-19 weekly deaths (Mortuary)  
pois ll = -728.3

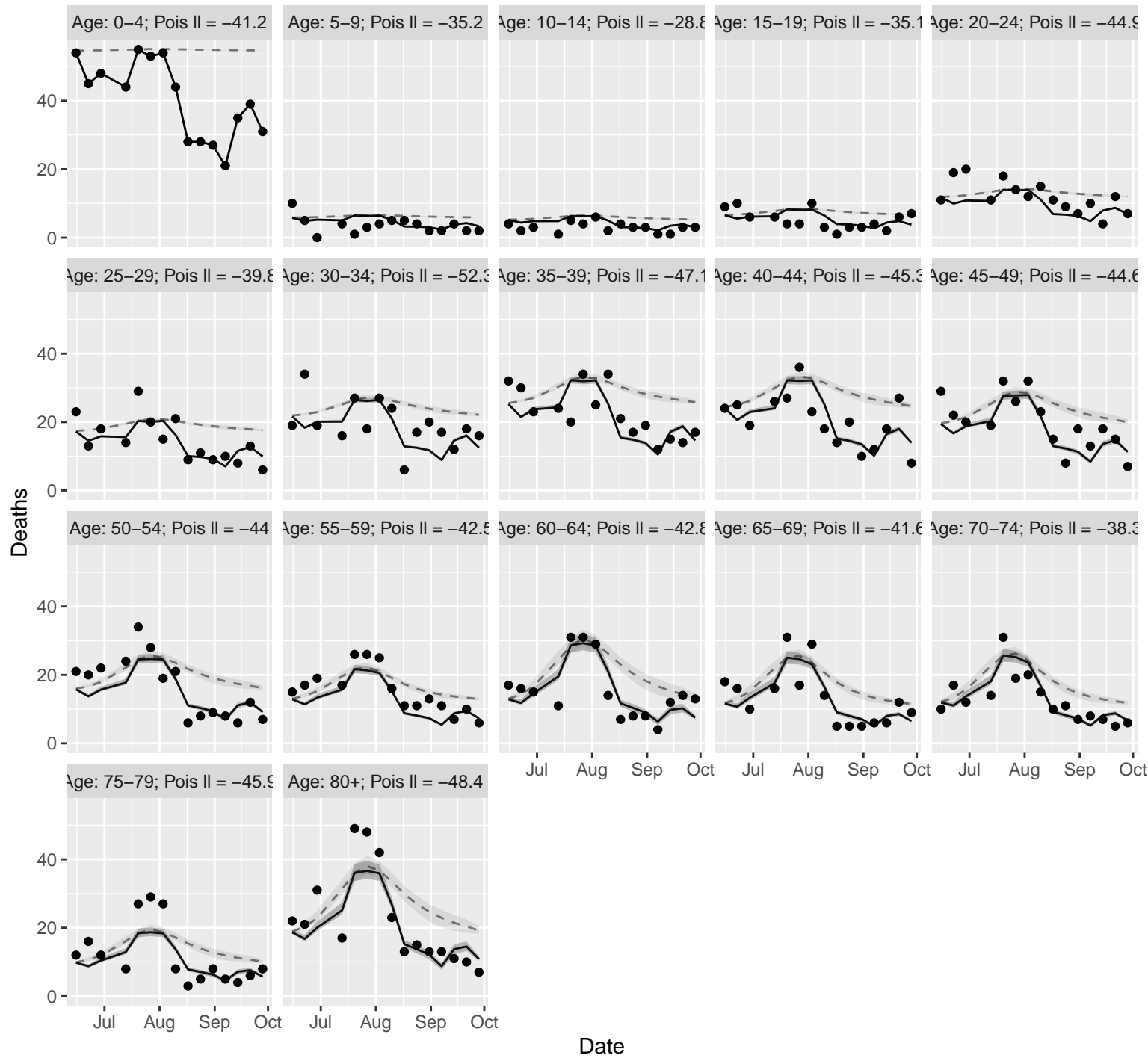


IFR x 0.4, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka

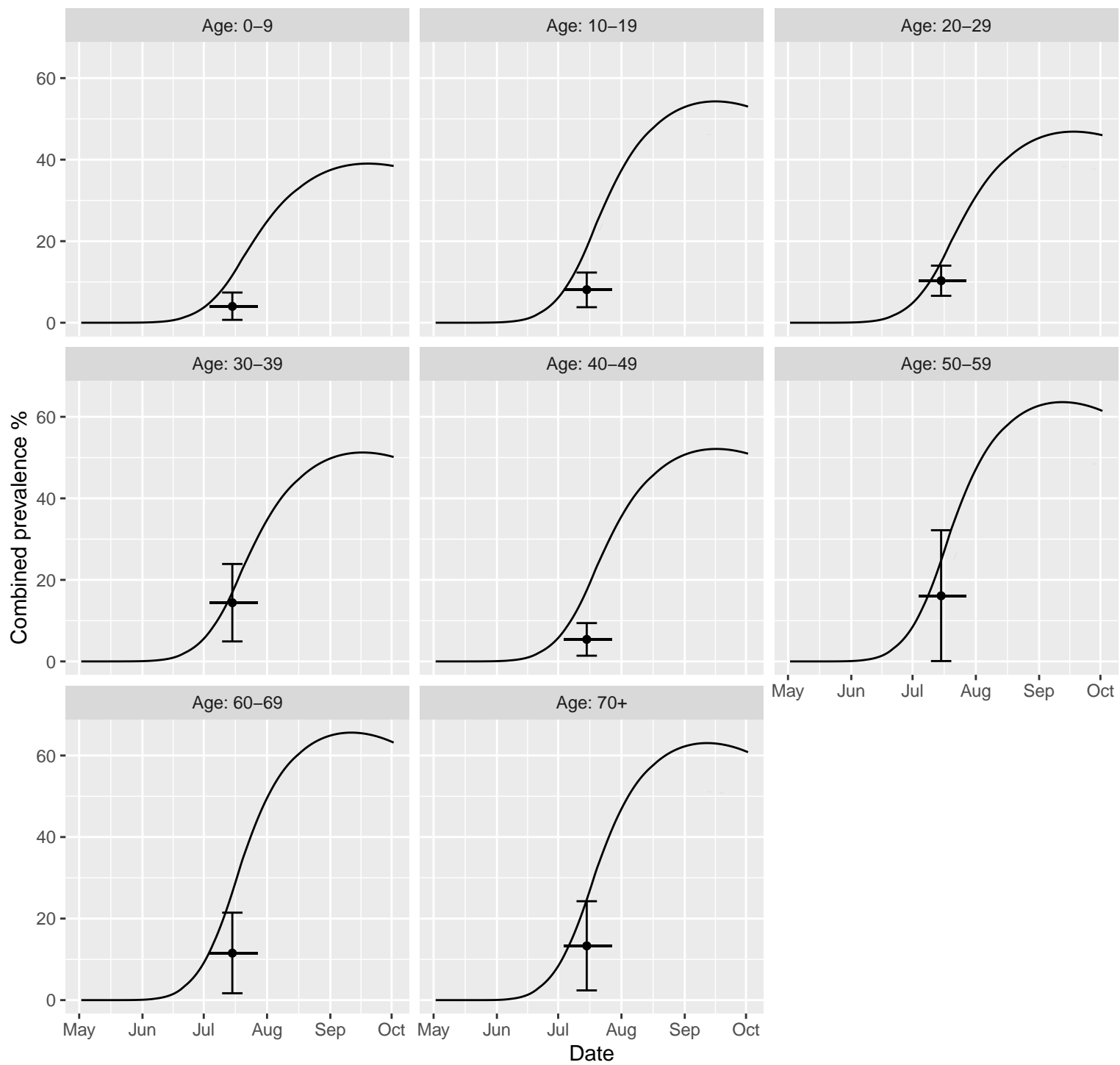




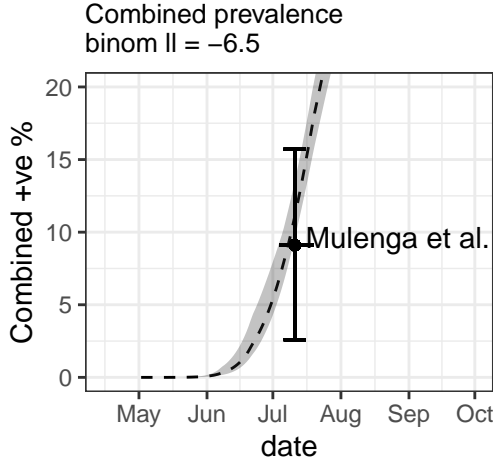
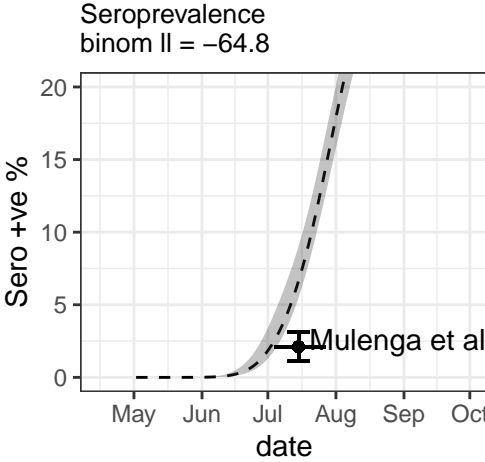
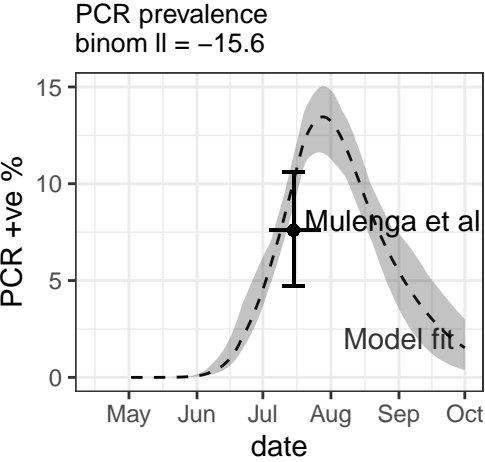
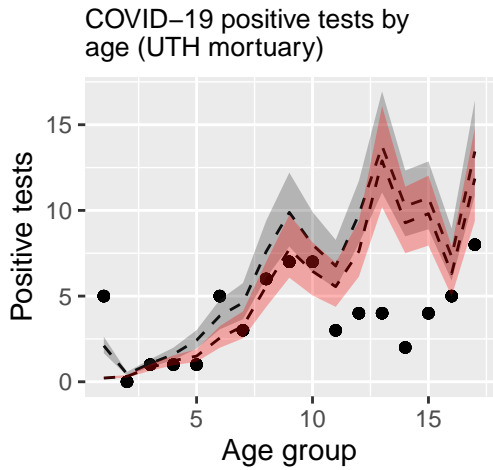
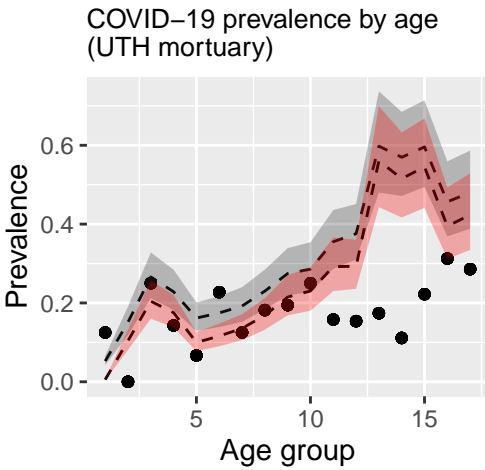
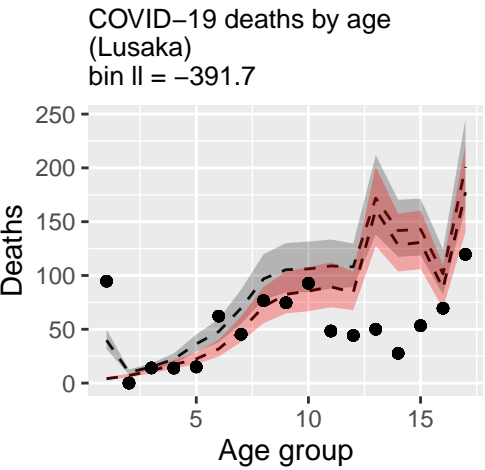
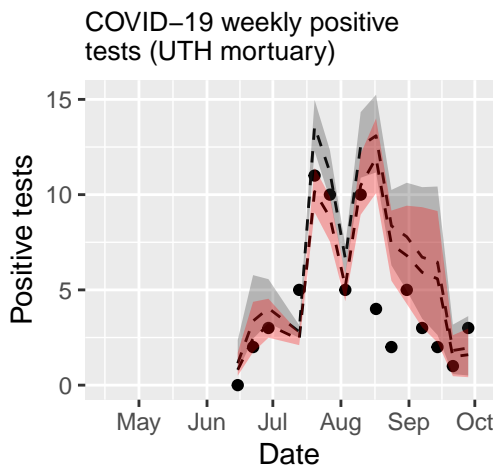
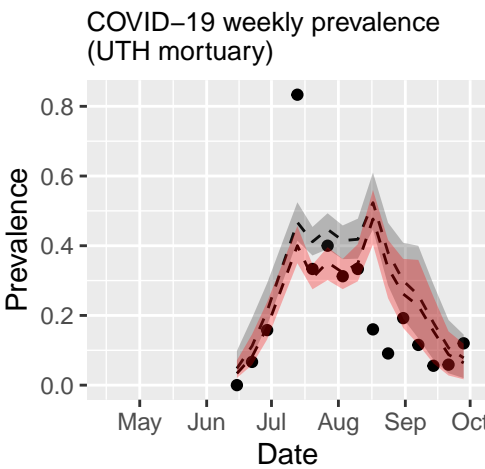
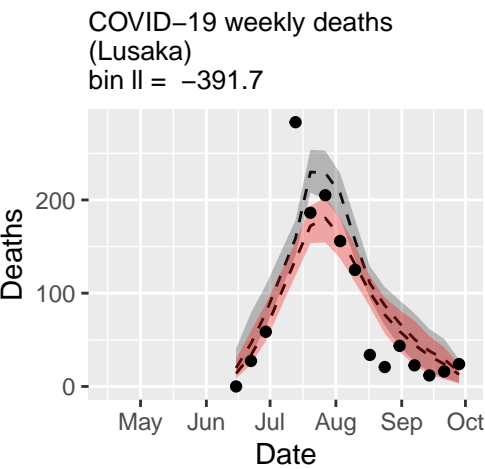
IFR x 0.6, Slope x 1  
COVID-19 weekly deaths (Mortuary)  
pois ll = -717.9



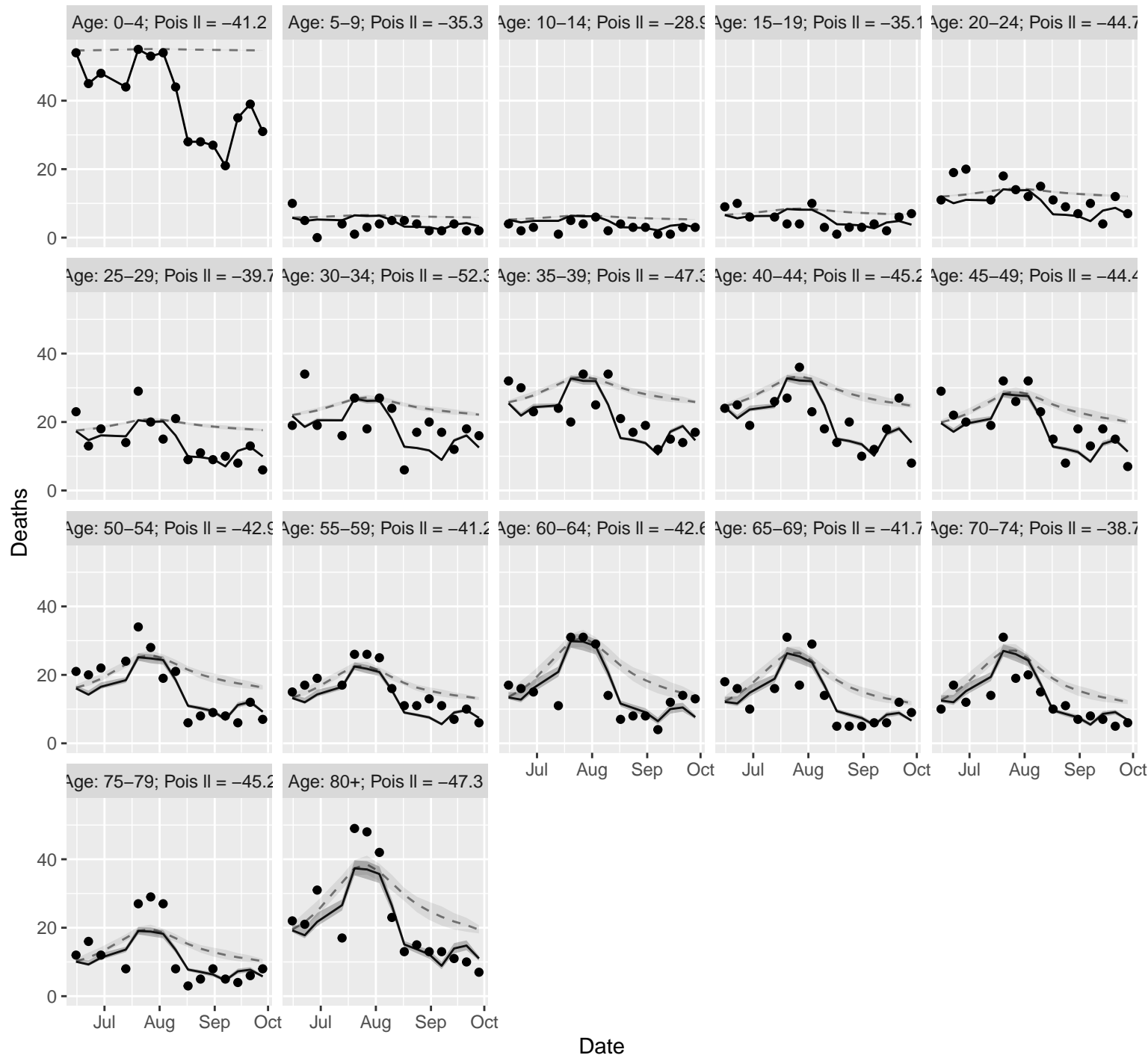
IFR x 0.6, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka



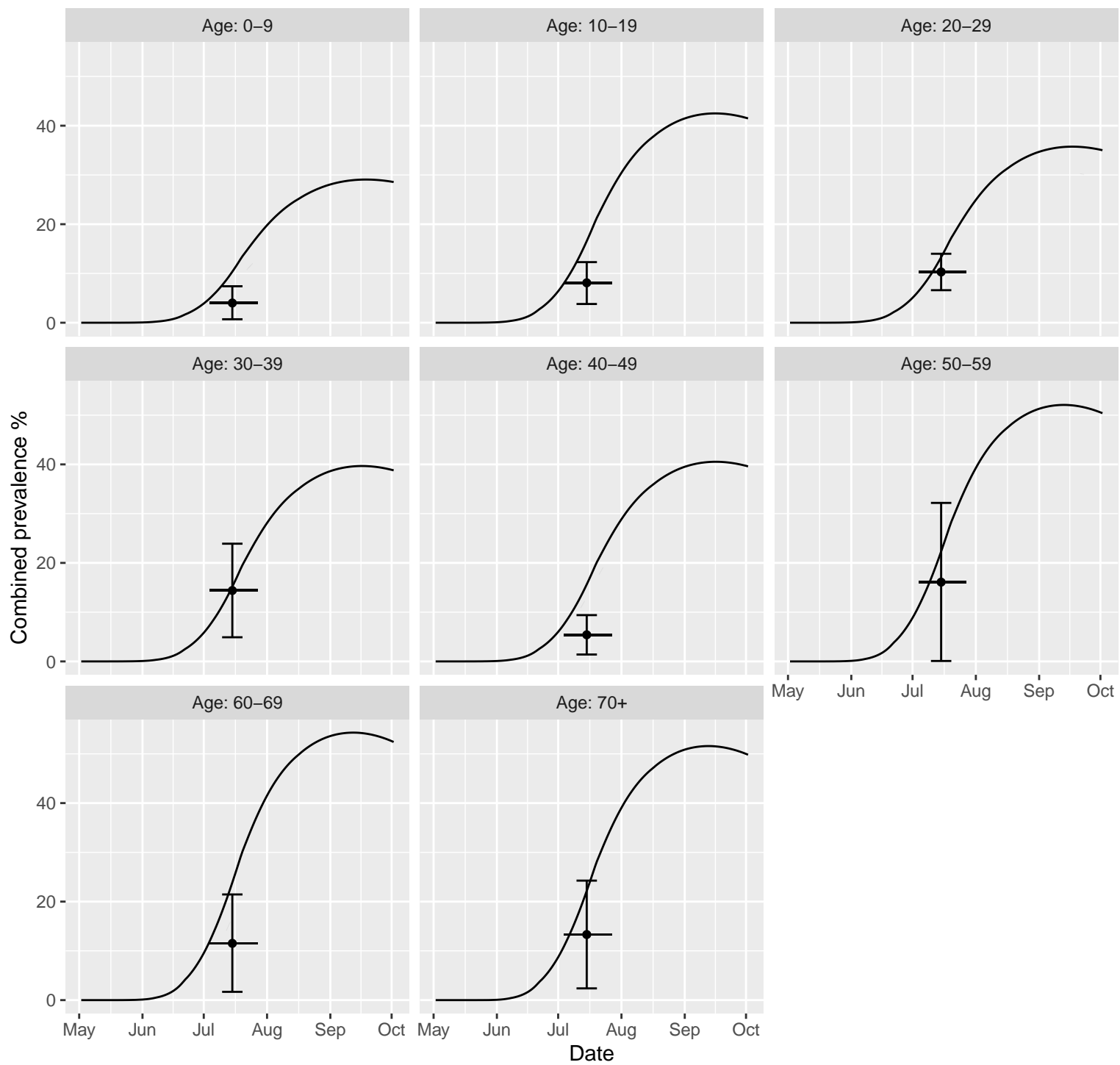


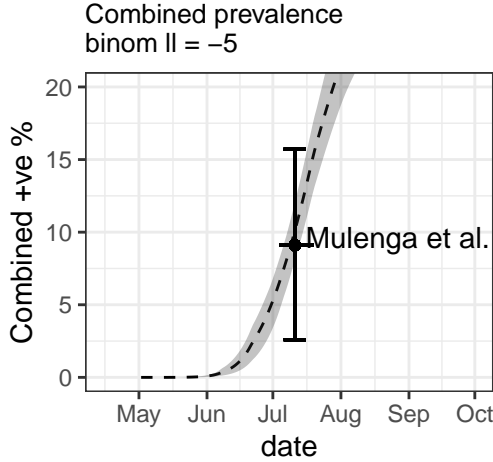
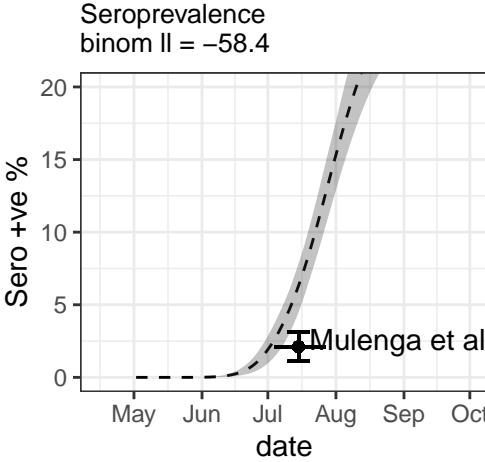
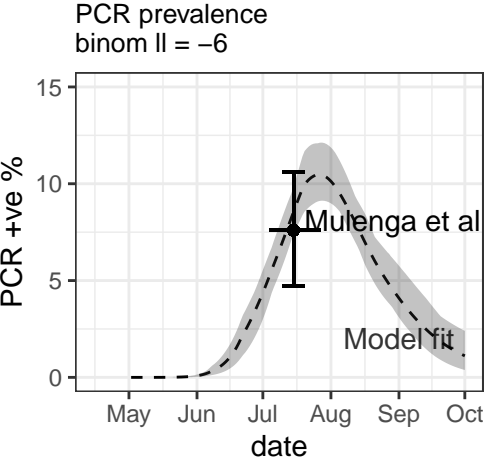
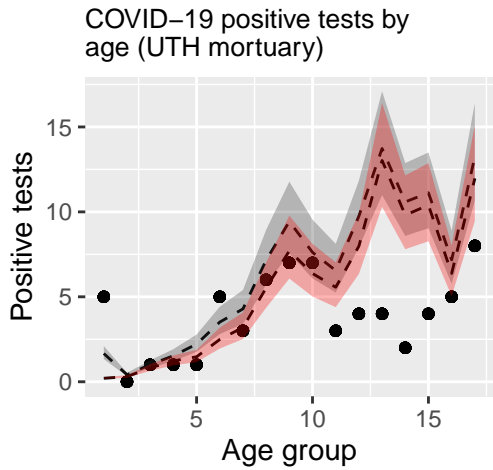
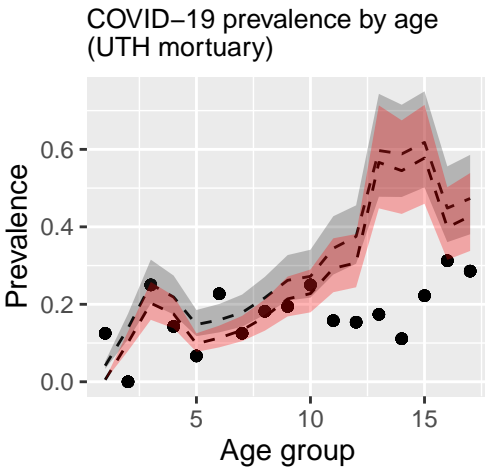
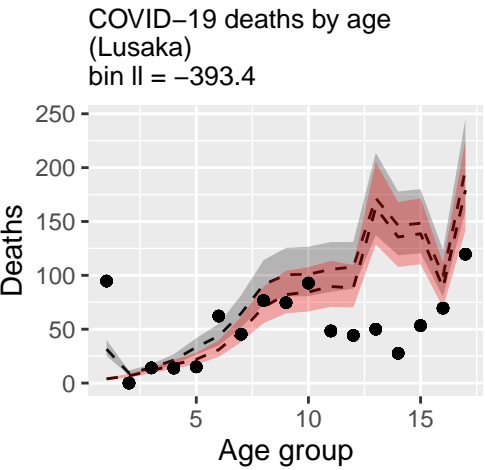
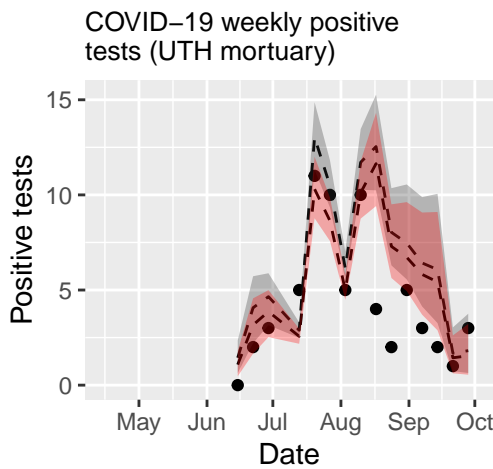
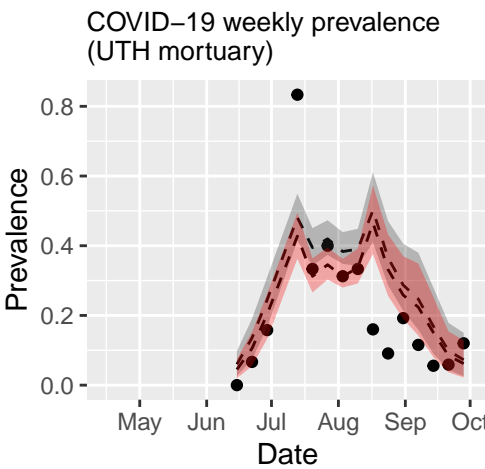
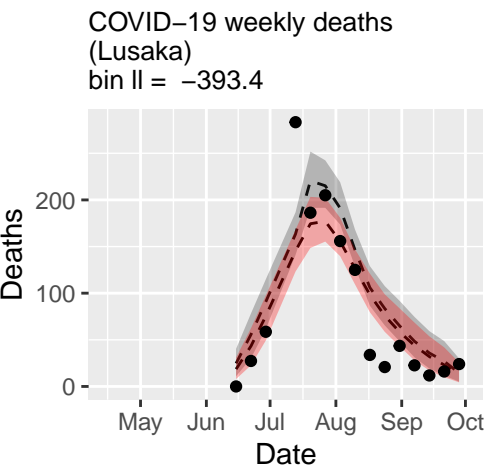


IFR x 0.8, Slope x 1  
COVID-19 weekly deaths (Mortuary)  
pois ll = -713.6

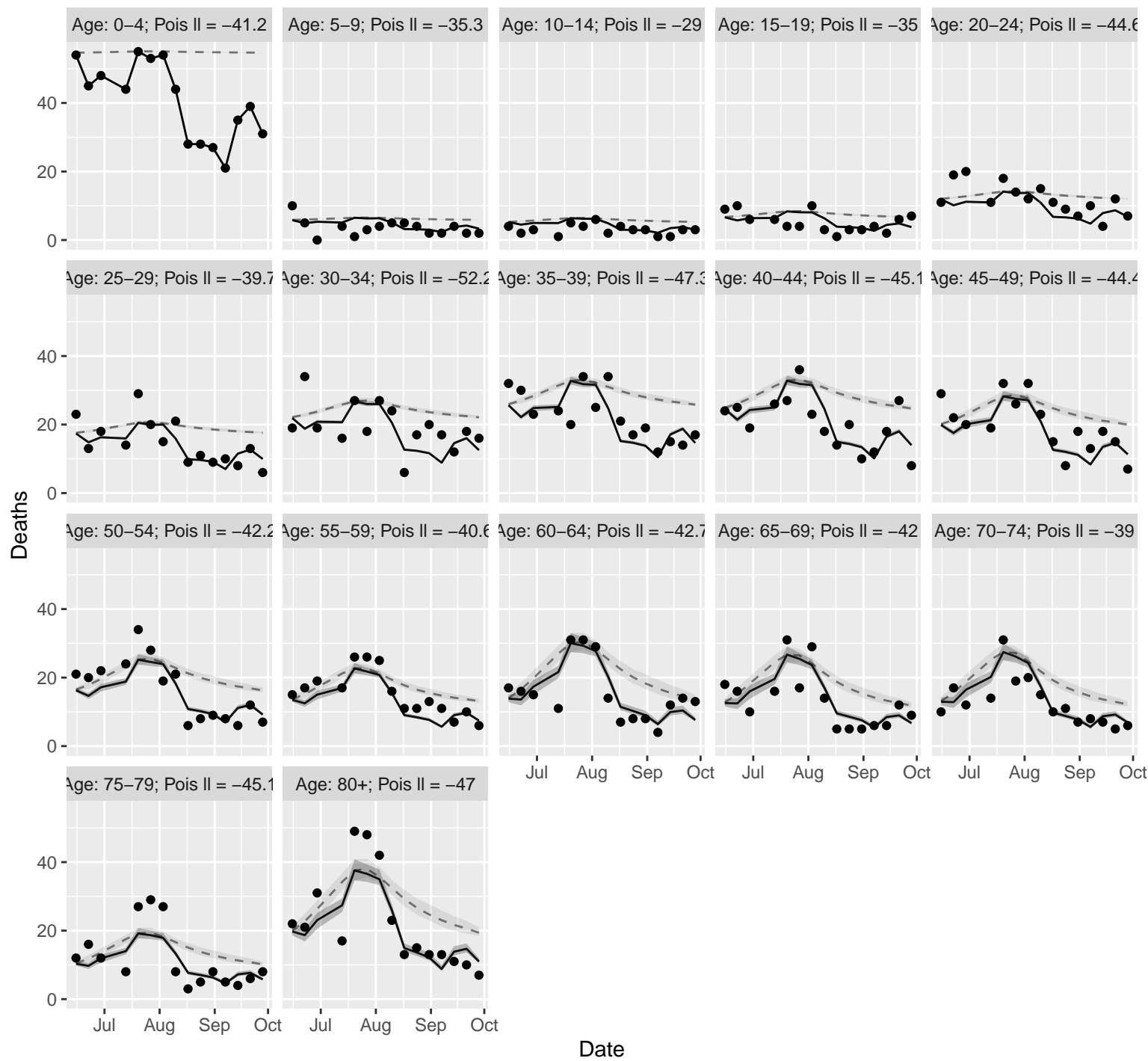


IFR x 0.8, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka

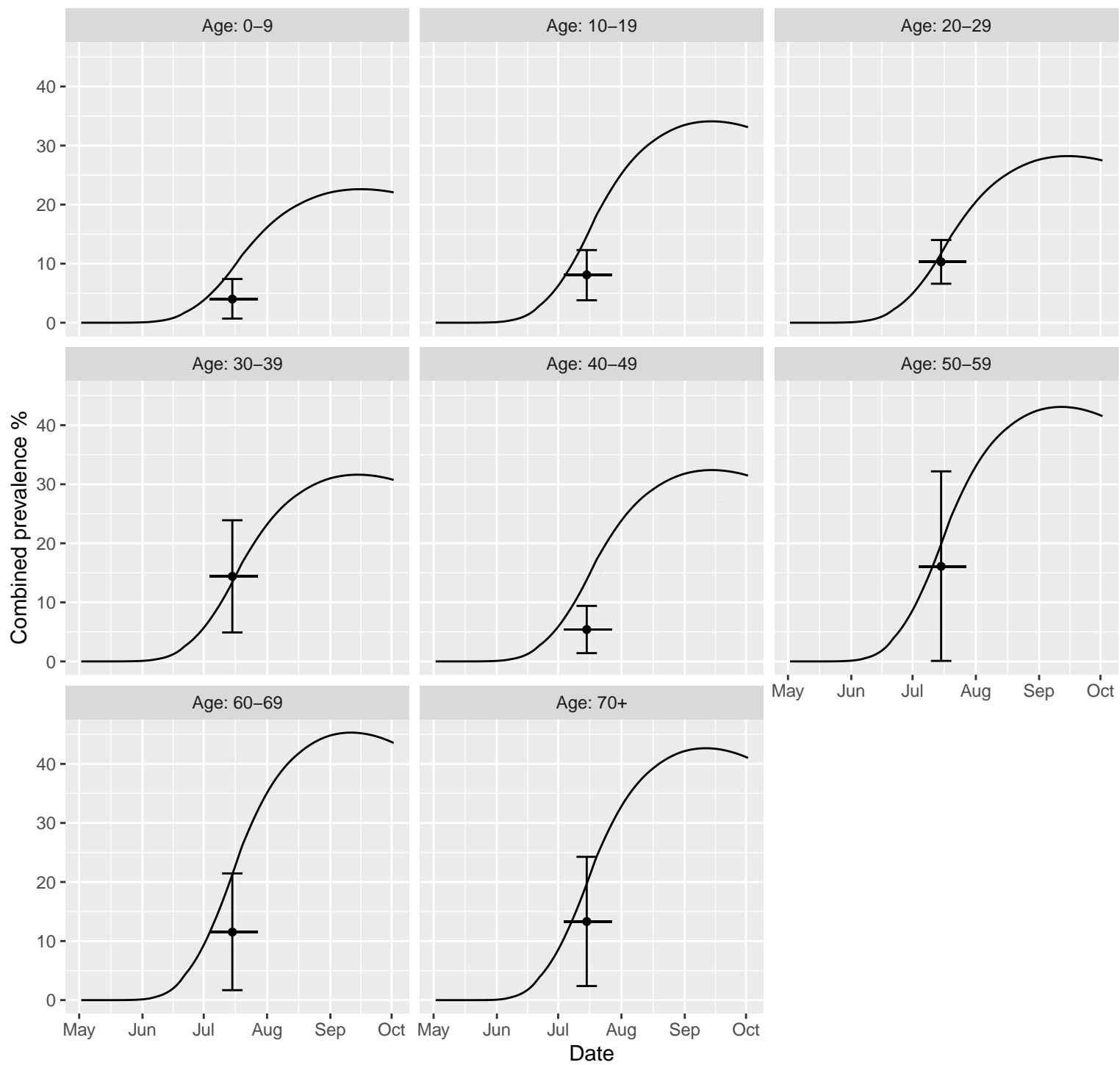


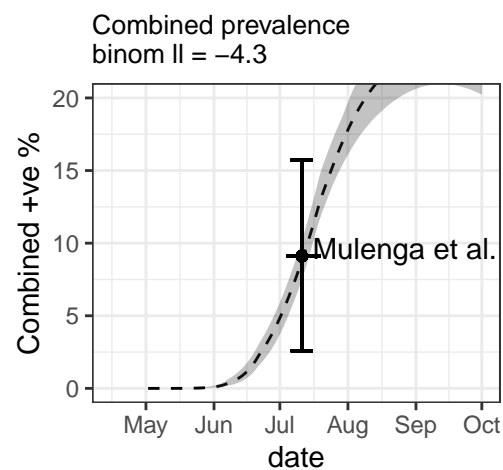
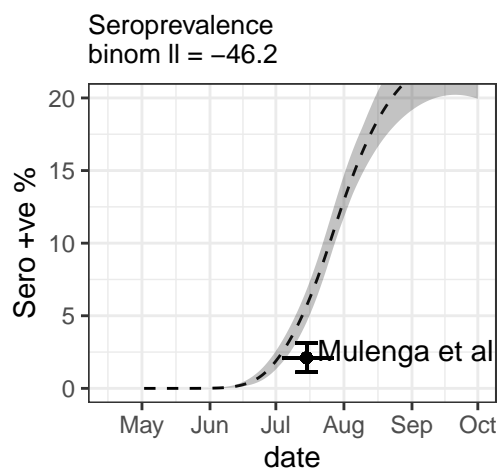
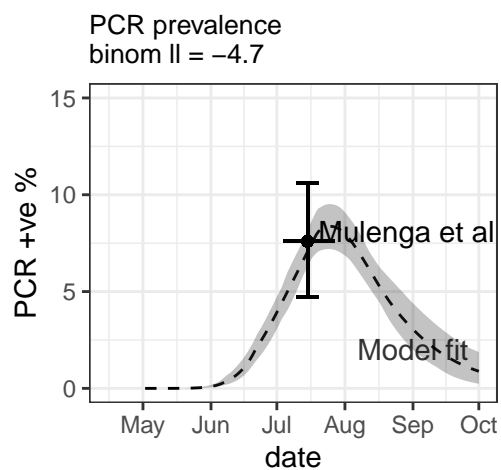
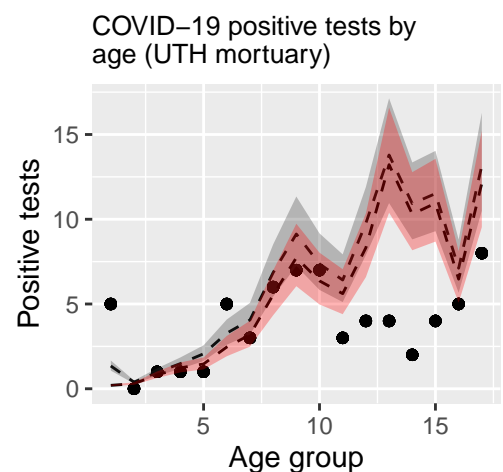
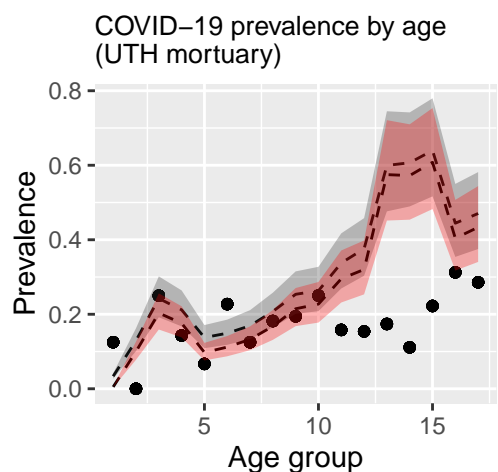
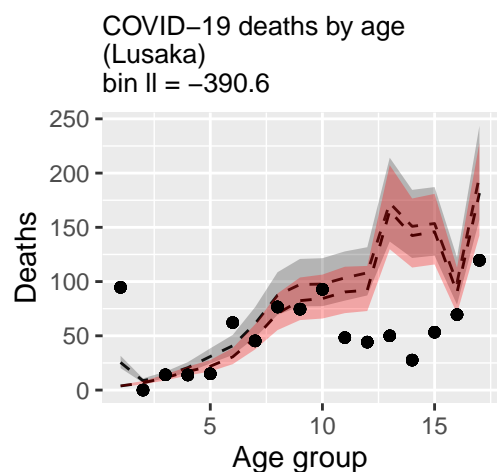
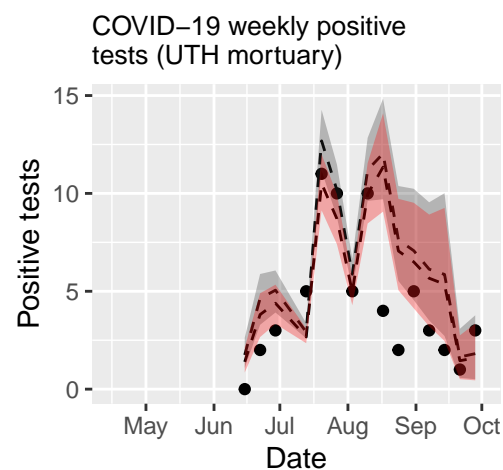
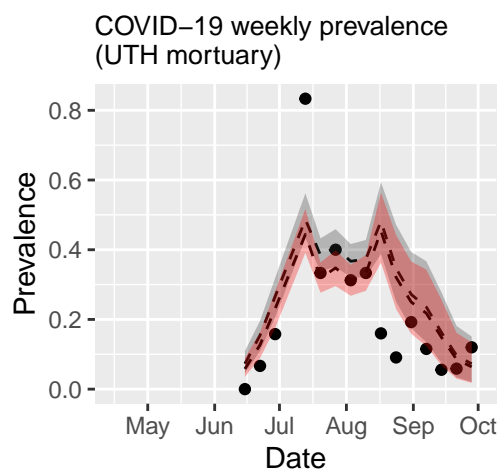
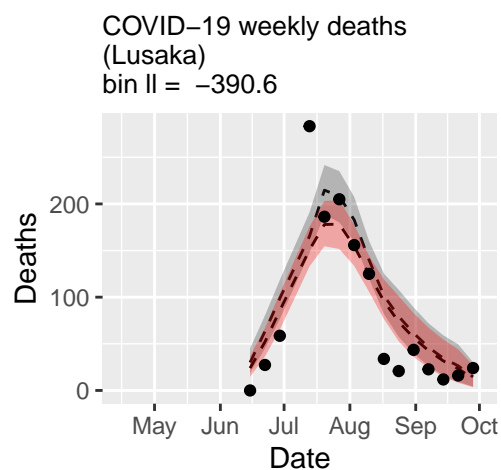


IFR x 1, Slope x 1  
 COVID-19 weekly deaths (Mortuary)  
 pois II = -712.3

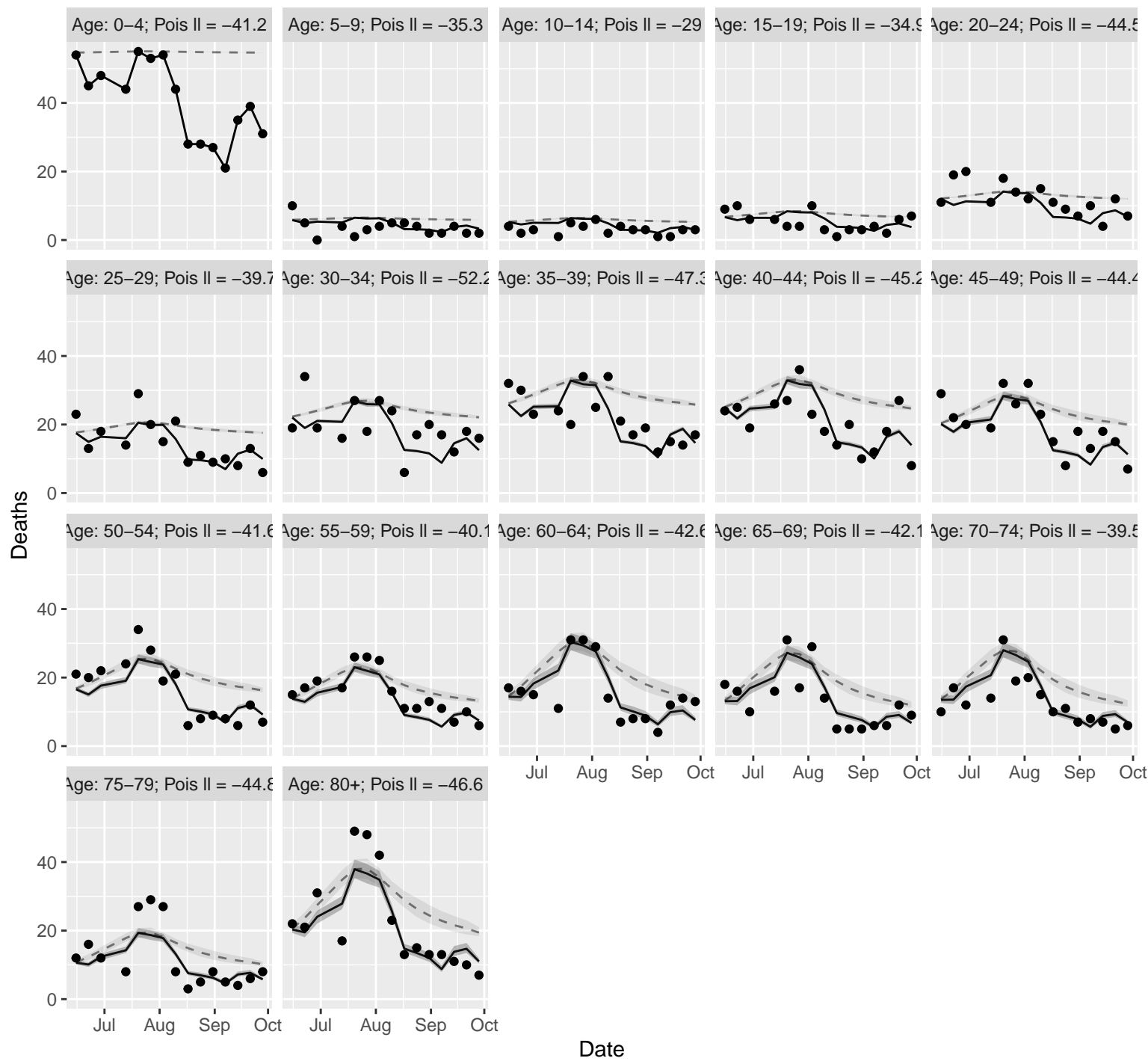


IFR x 1, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka



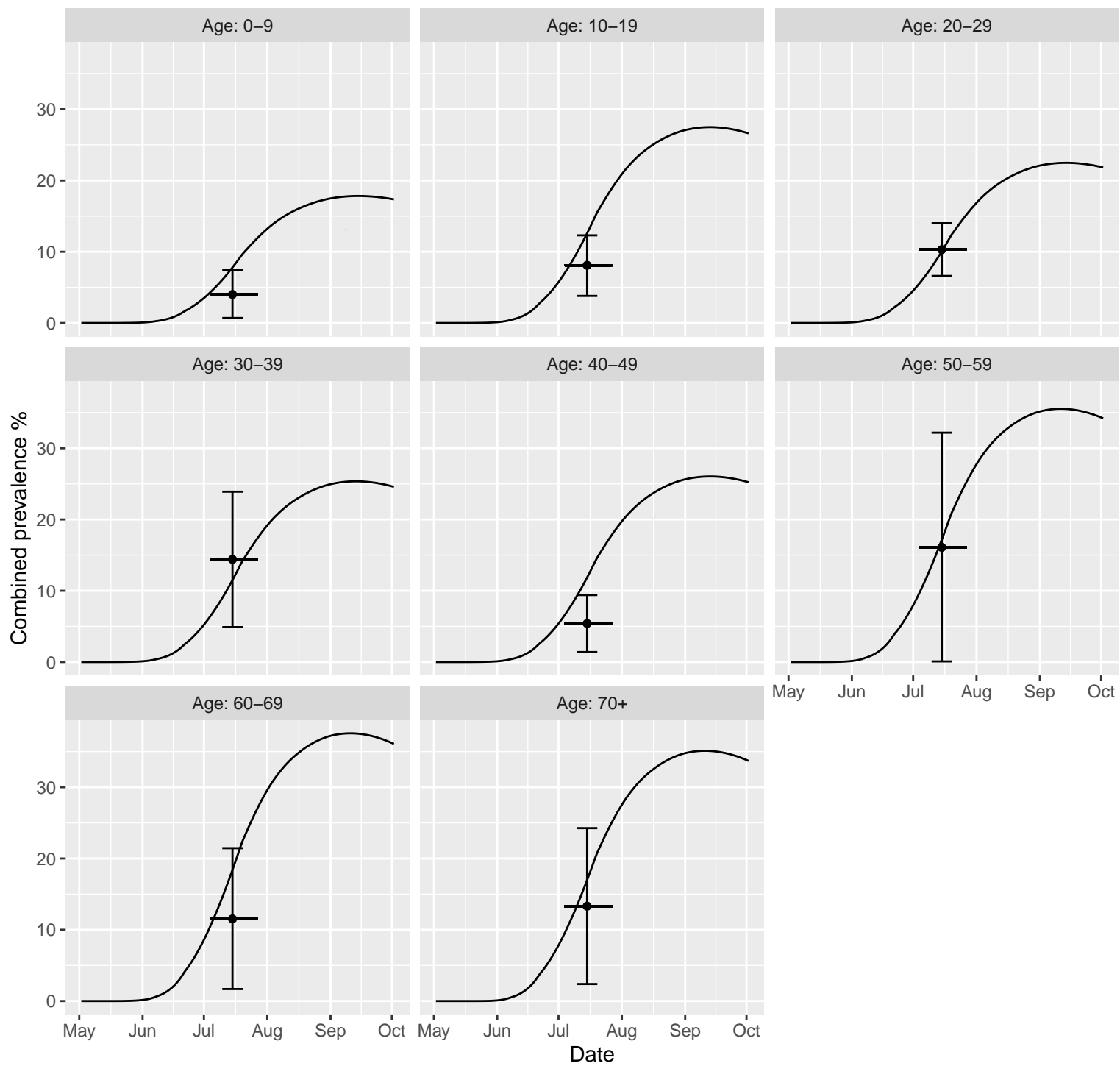


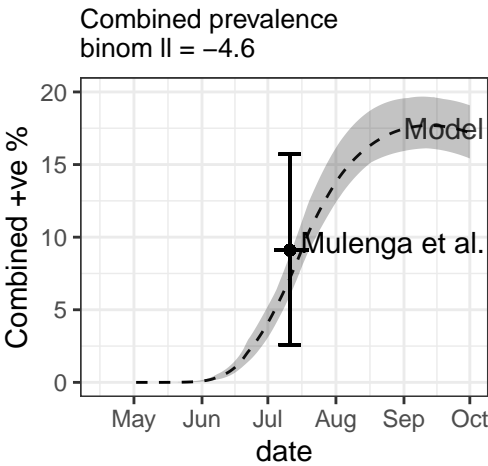
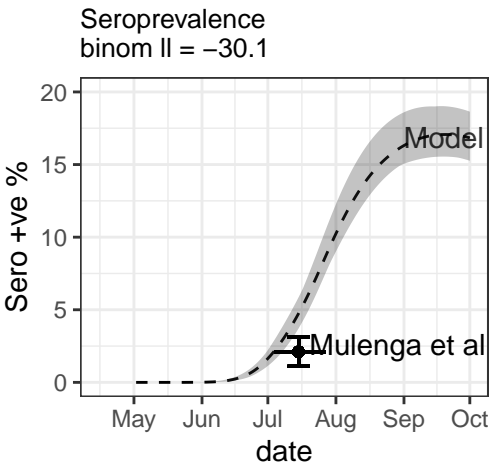
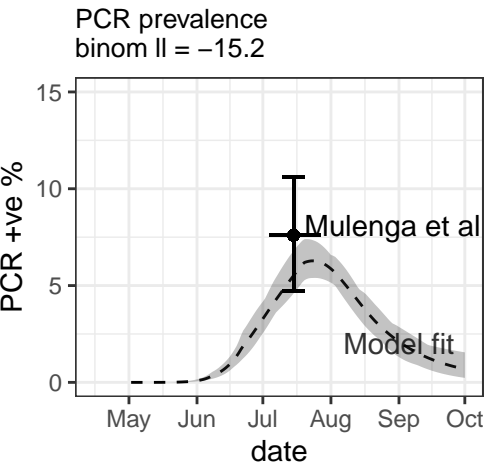
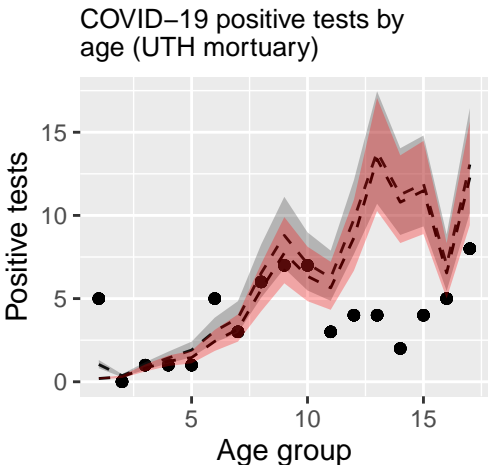
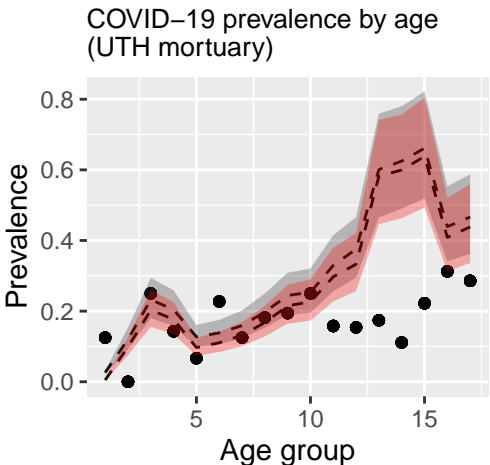
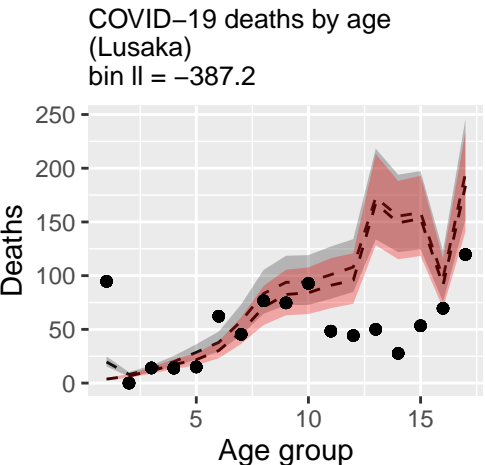
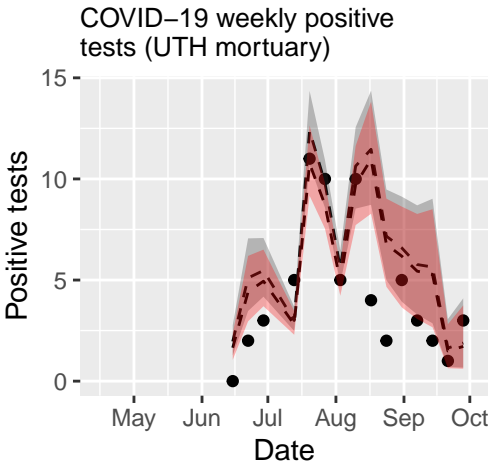
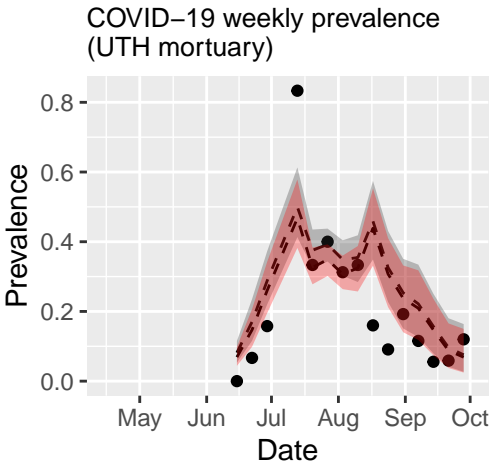
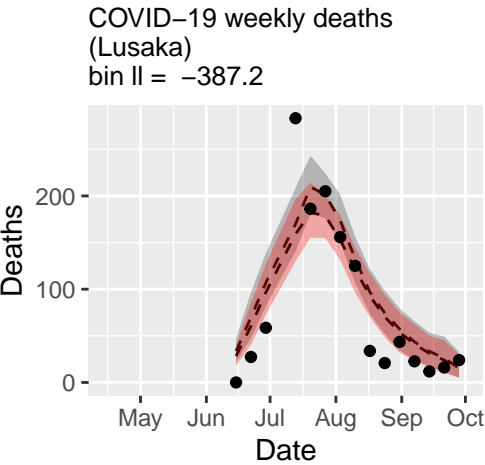
IFR x 1.25, Slope x 1  
COVID-19 weekly deaths (Mortuary)  
pois ll = -711.1



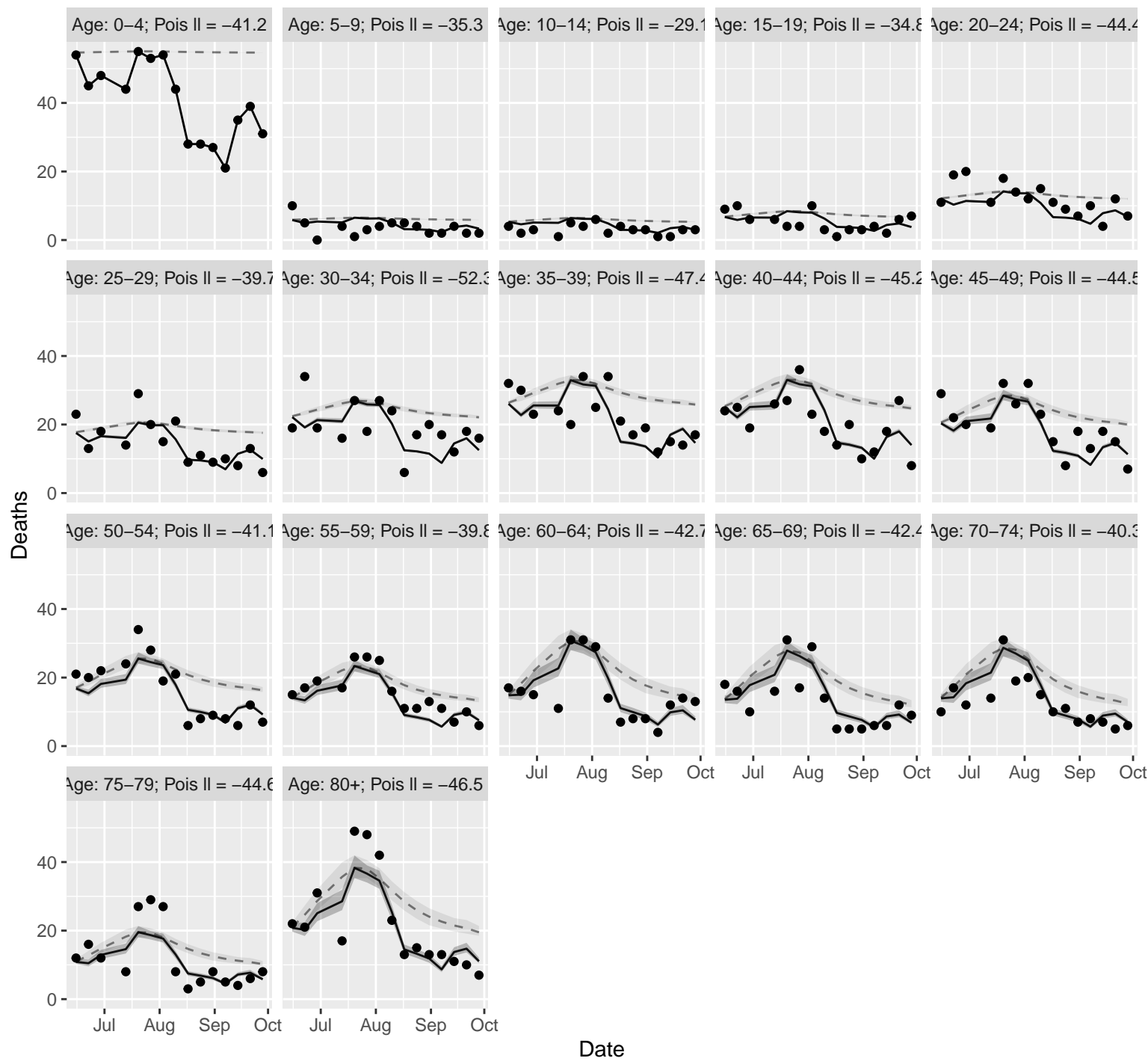


IFR x 1.25, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka

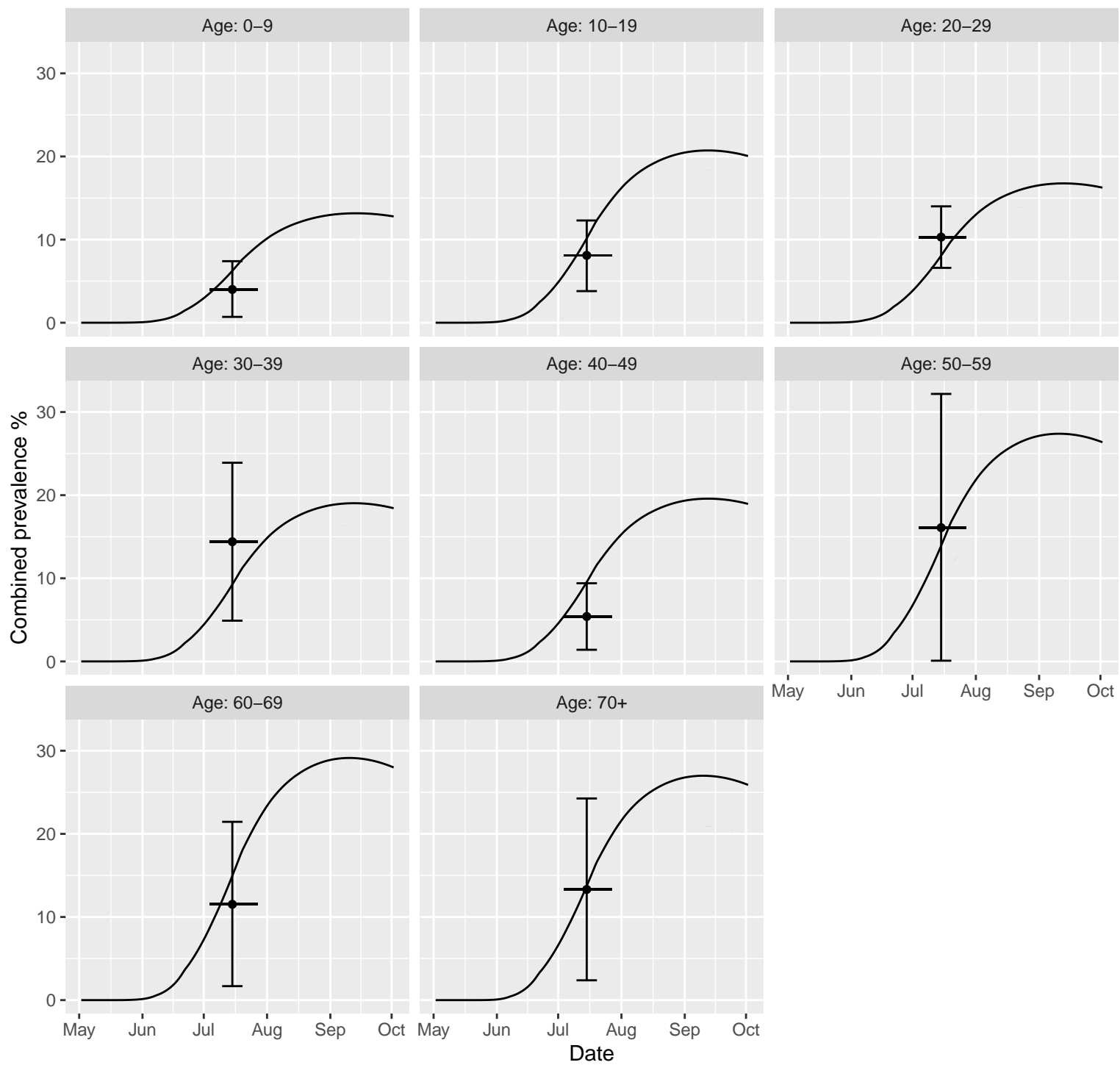


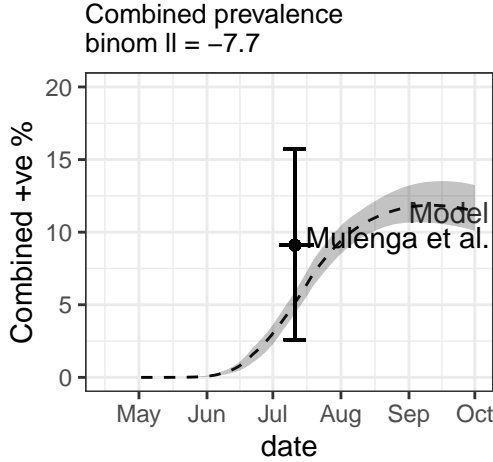
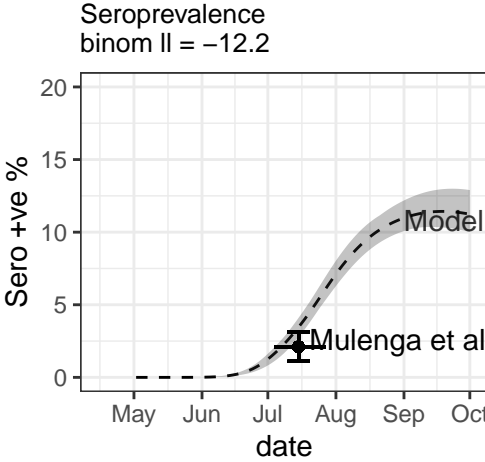
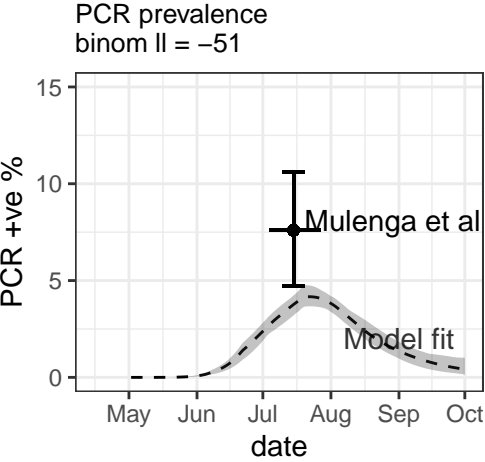
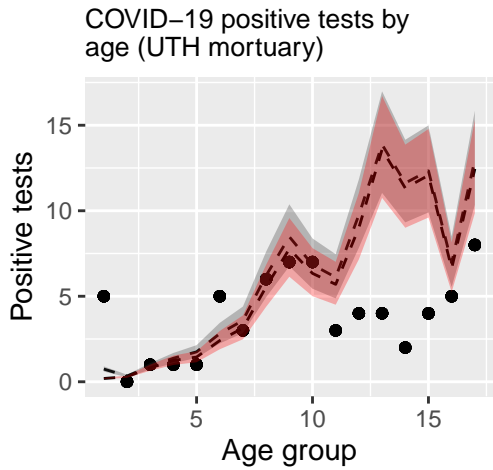
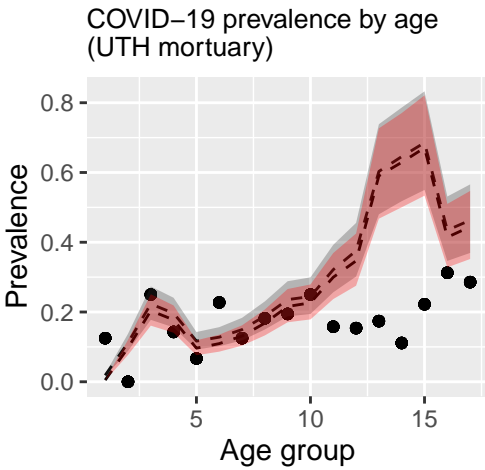
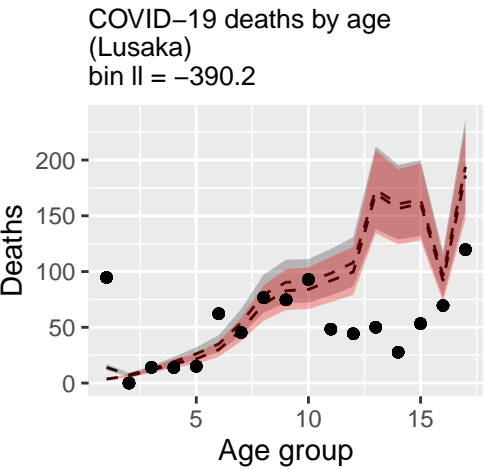
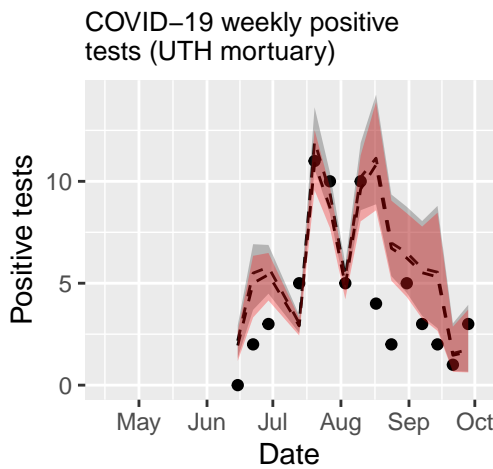
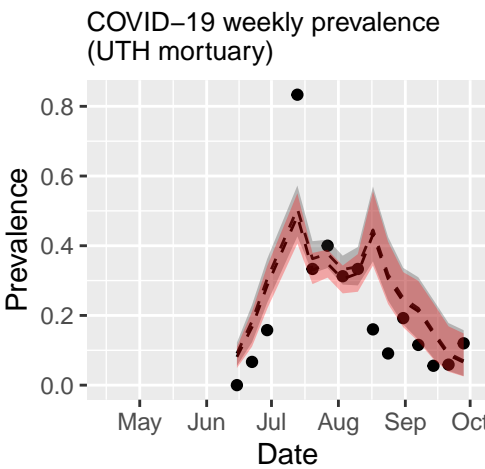
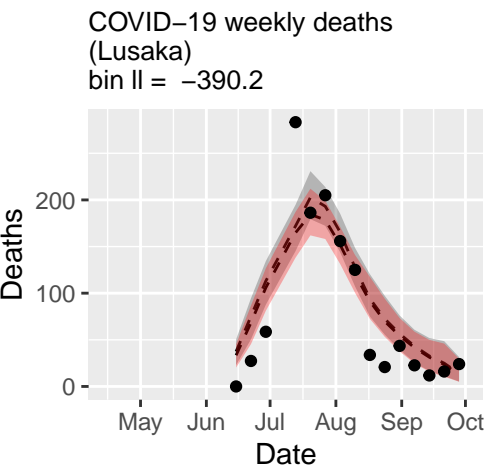


IFR x 1.66666666666667, Slope x 1  
COVID-19 weekly deaths (Mortuary)  
pois ll = -711.3

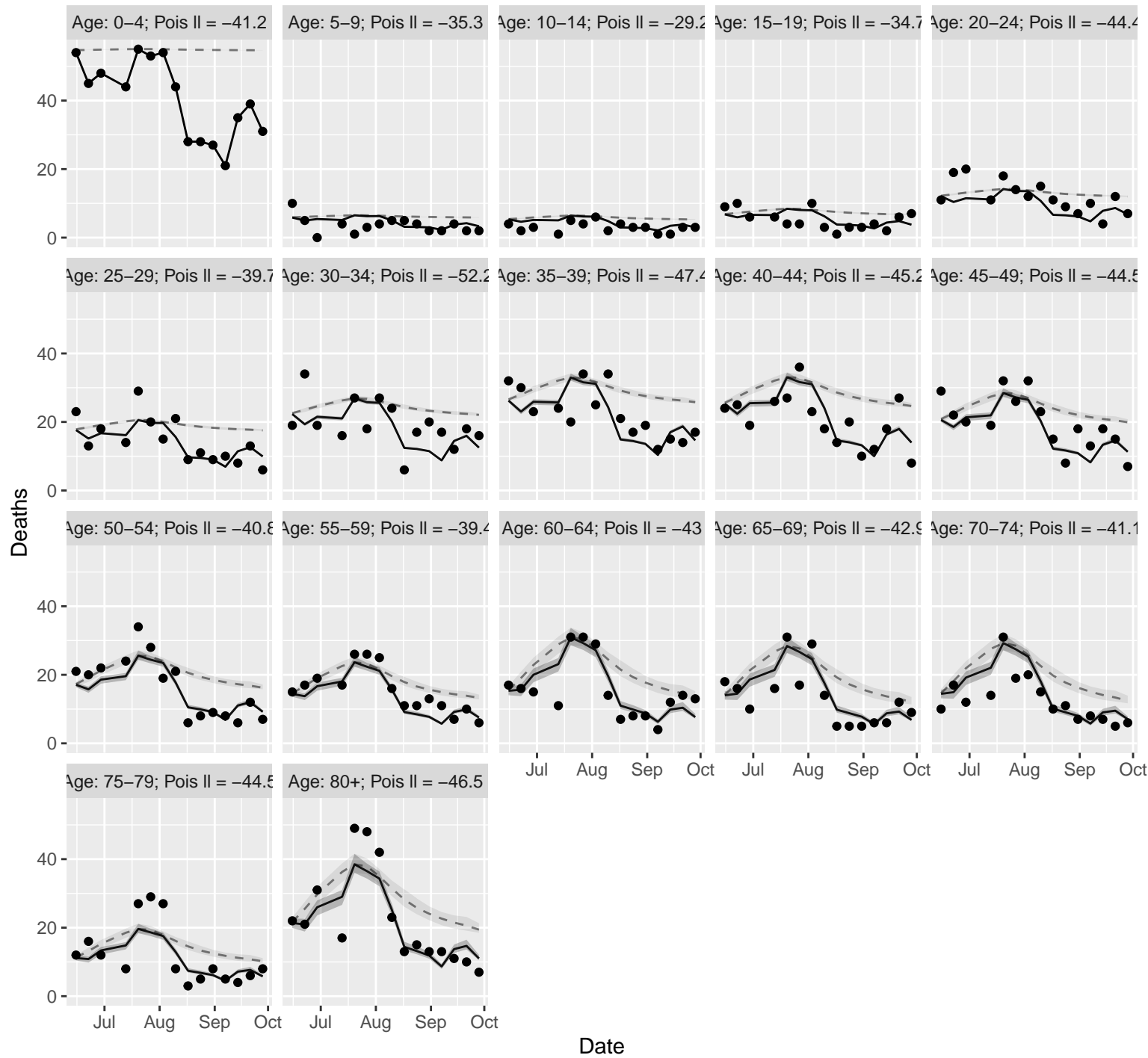


IFR x 1.666666666666667, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka

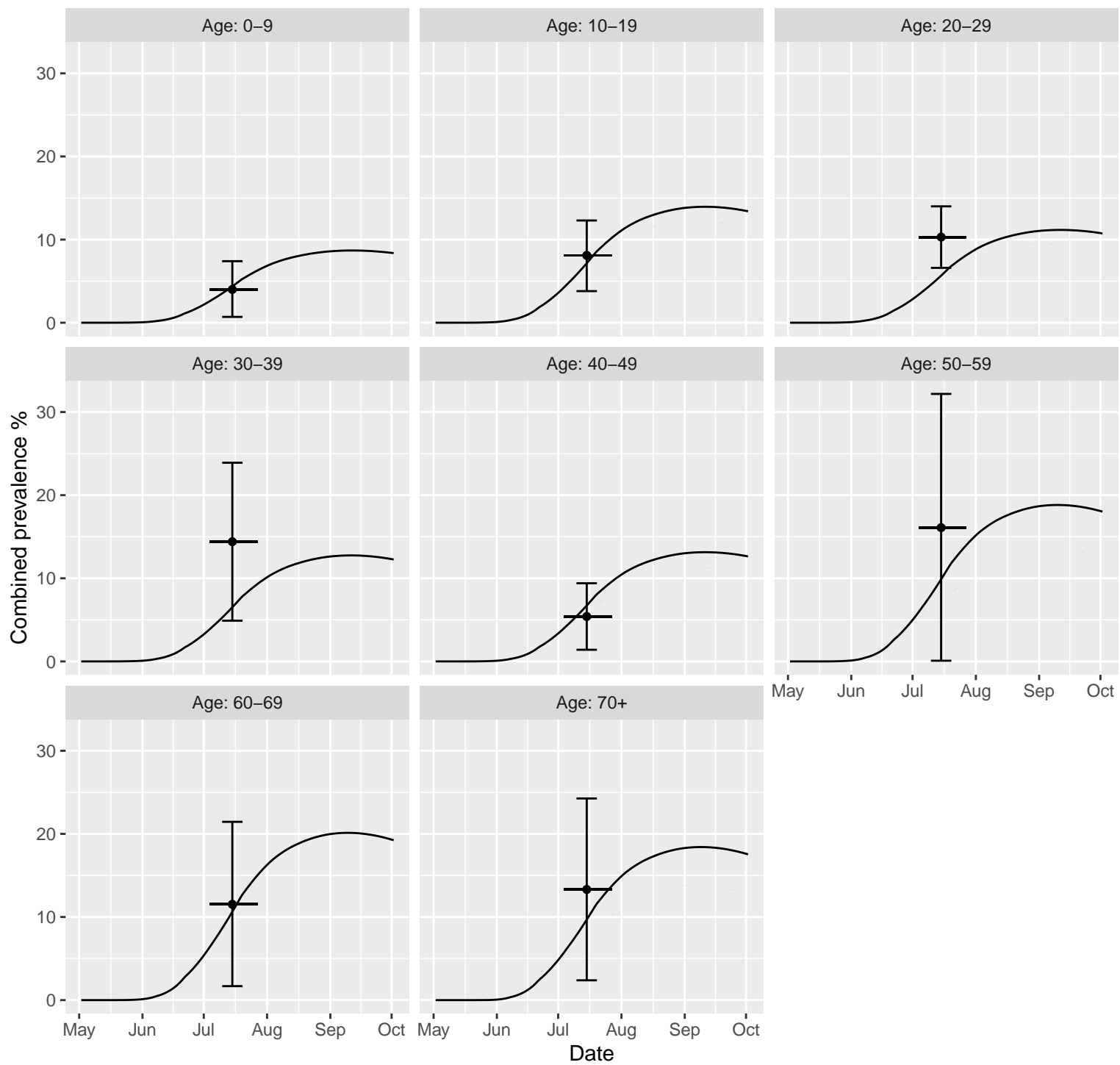


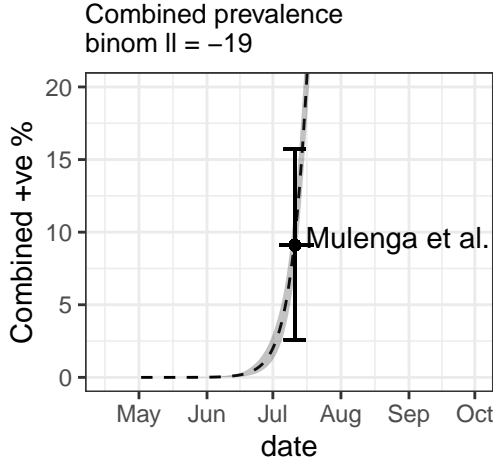
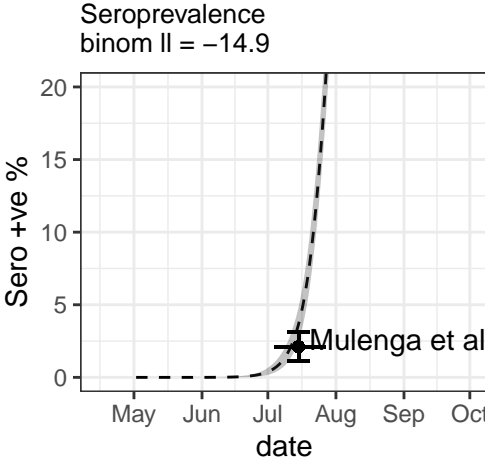
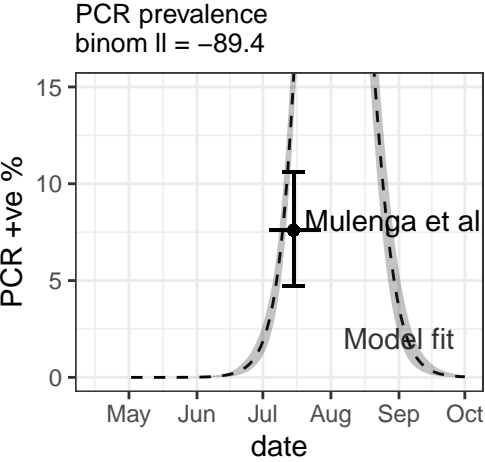
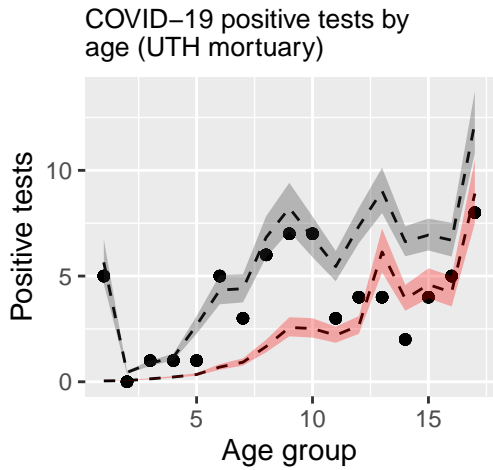
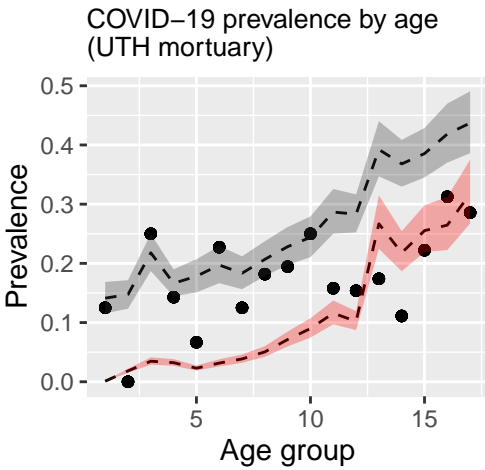
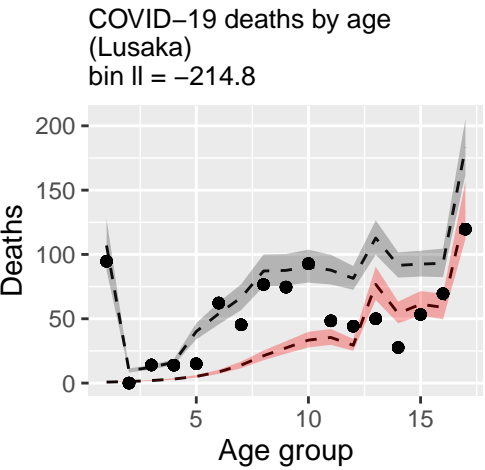
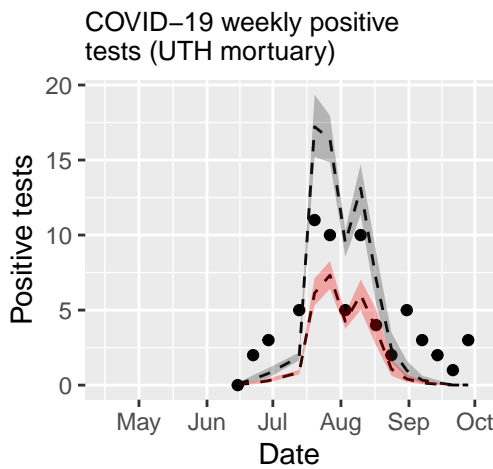
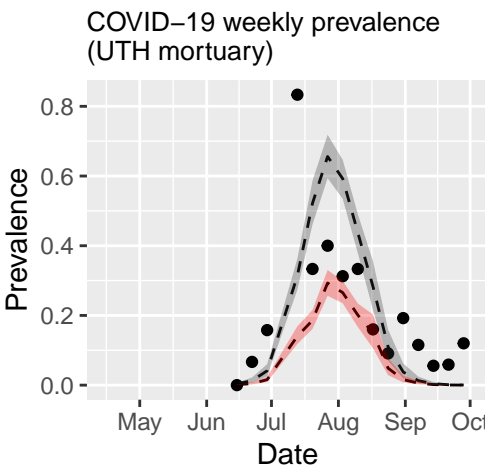
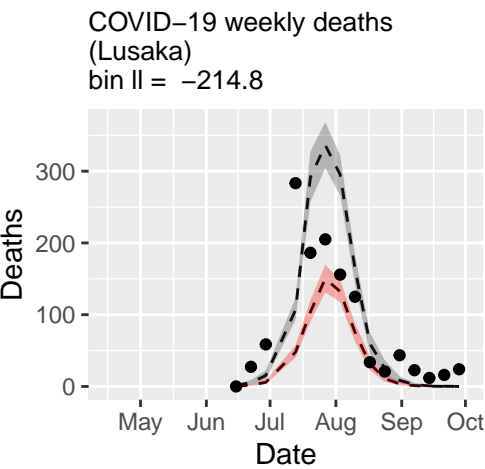


IFR x 2.5, Slope x 1  
COVID-19 weekly deaths (Mortuary)  
pois ll = -711.9



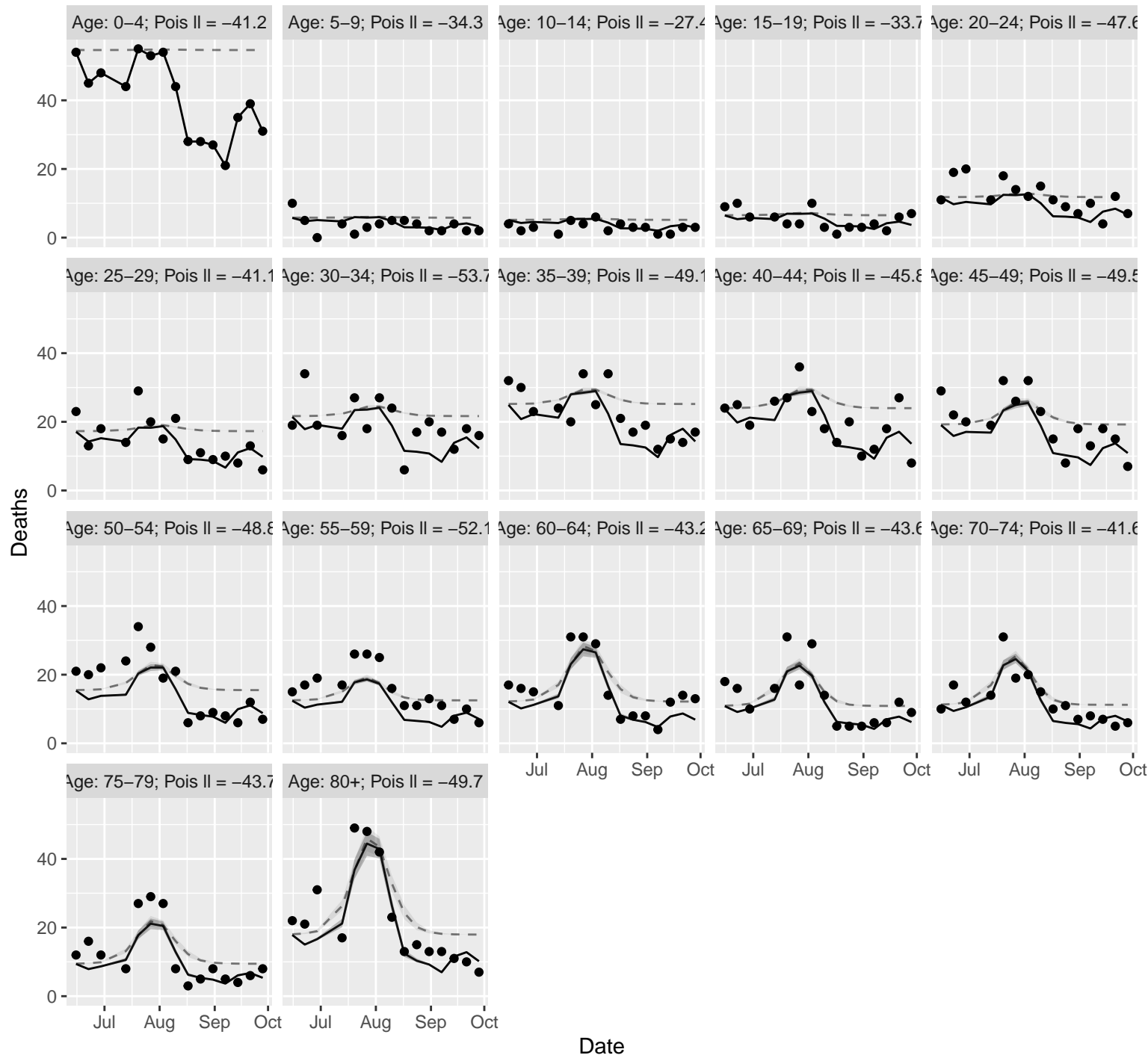
IFR x 2.5, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka



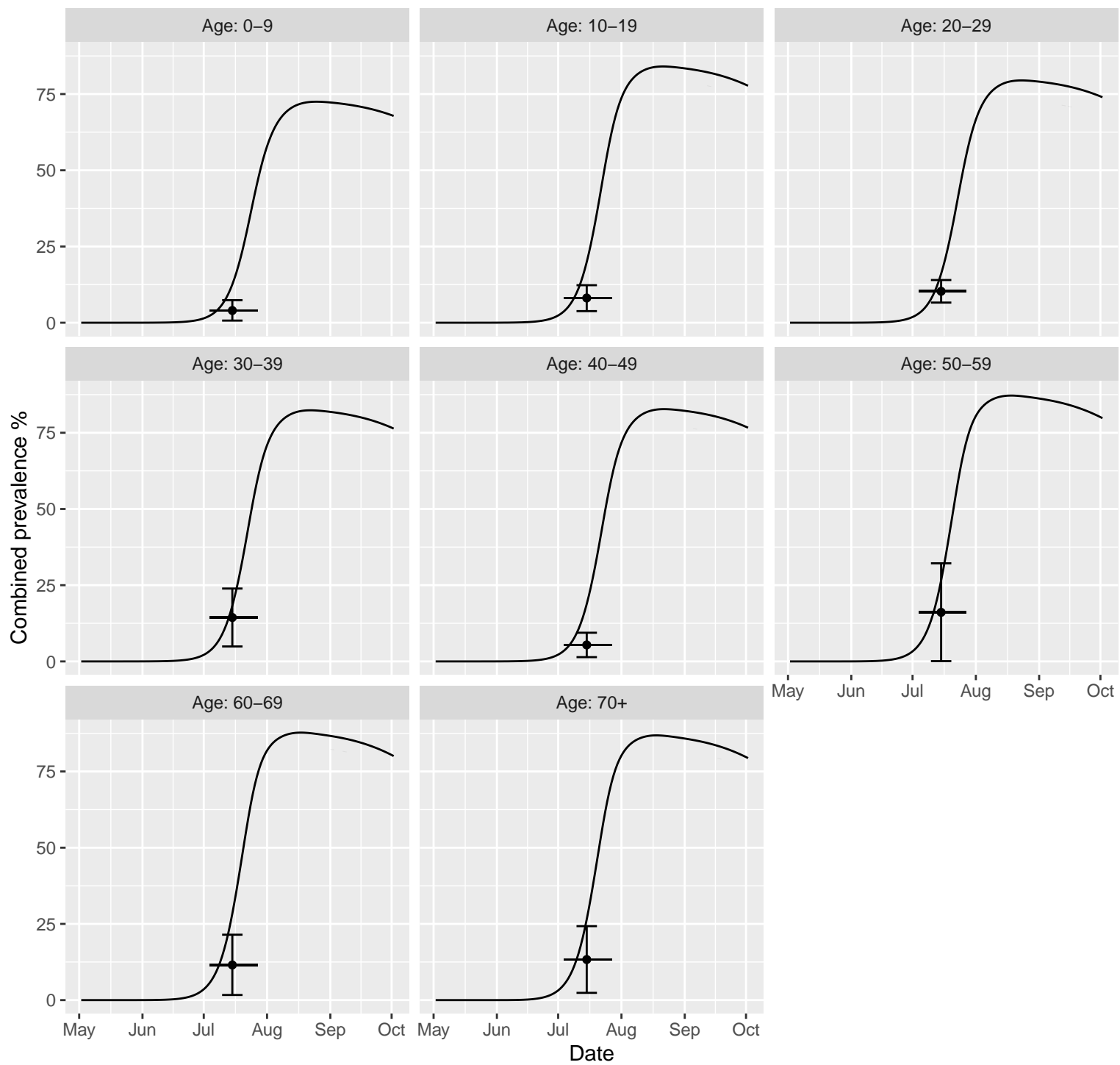


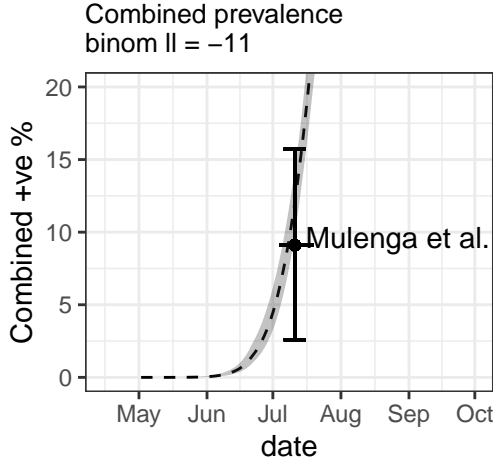
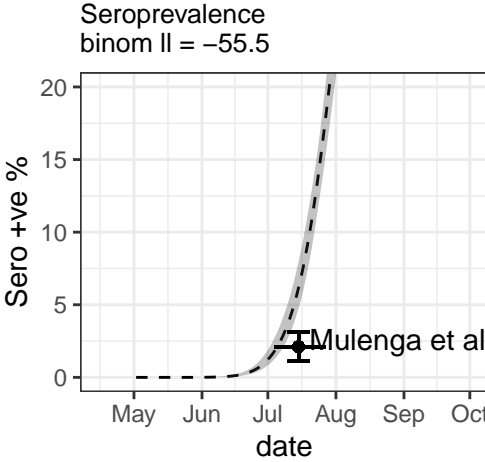
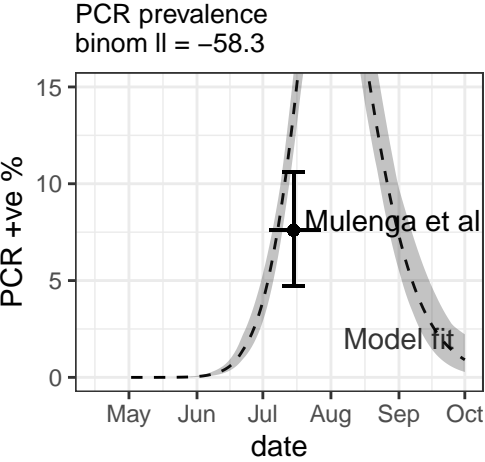
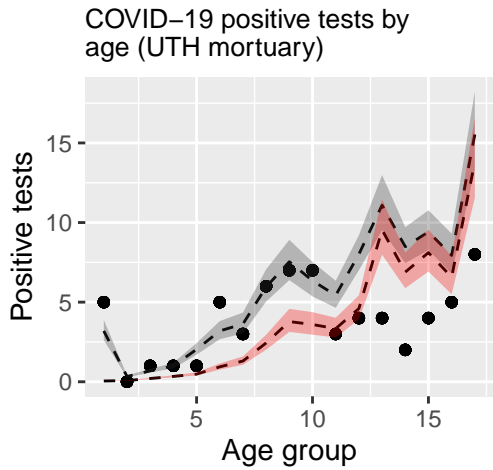
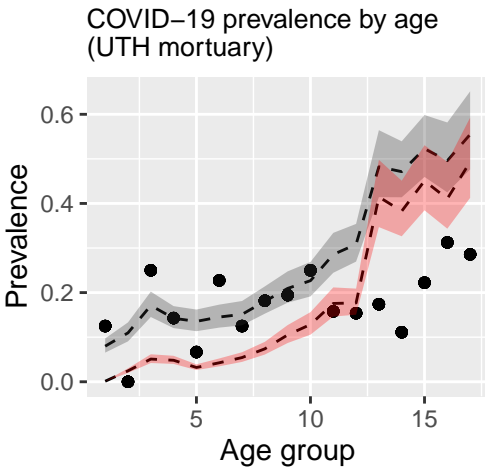
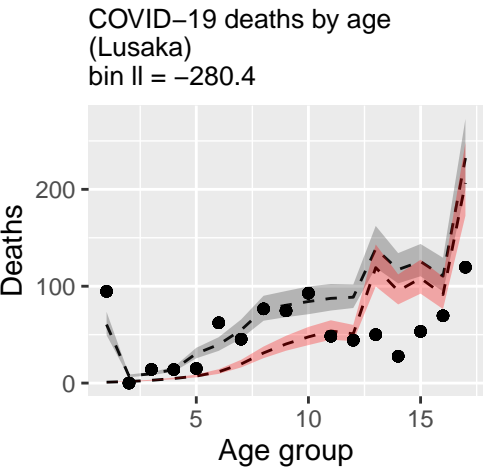
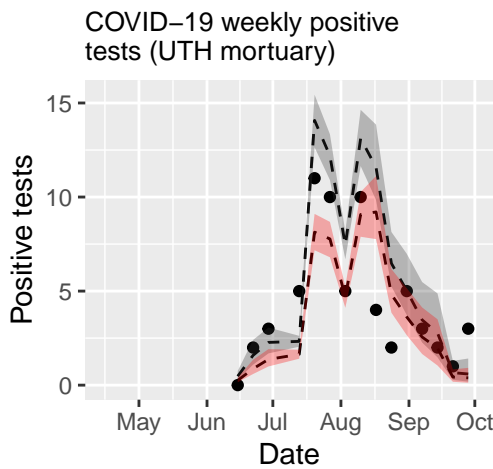
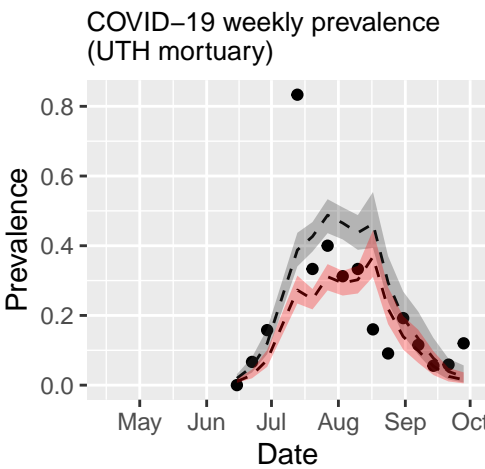
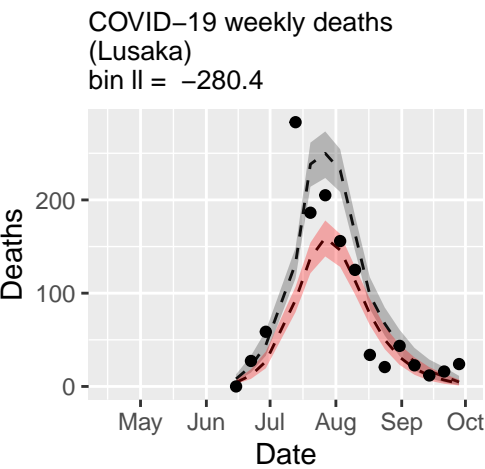


IFR x 0.2, Slope x 1.25  
COVID-19 weekly deaths (Mortuary)  
pois ll = -746

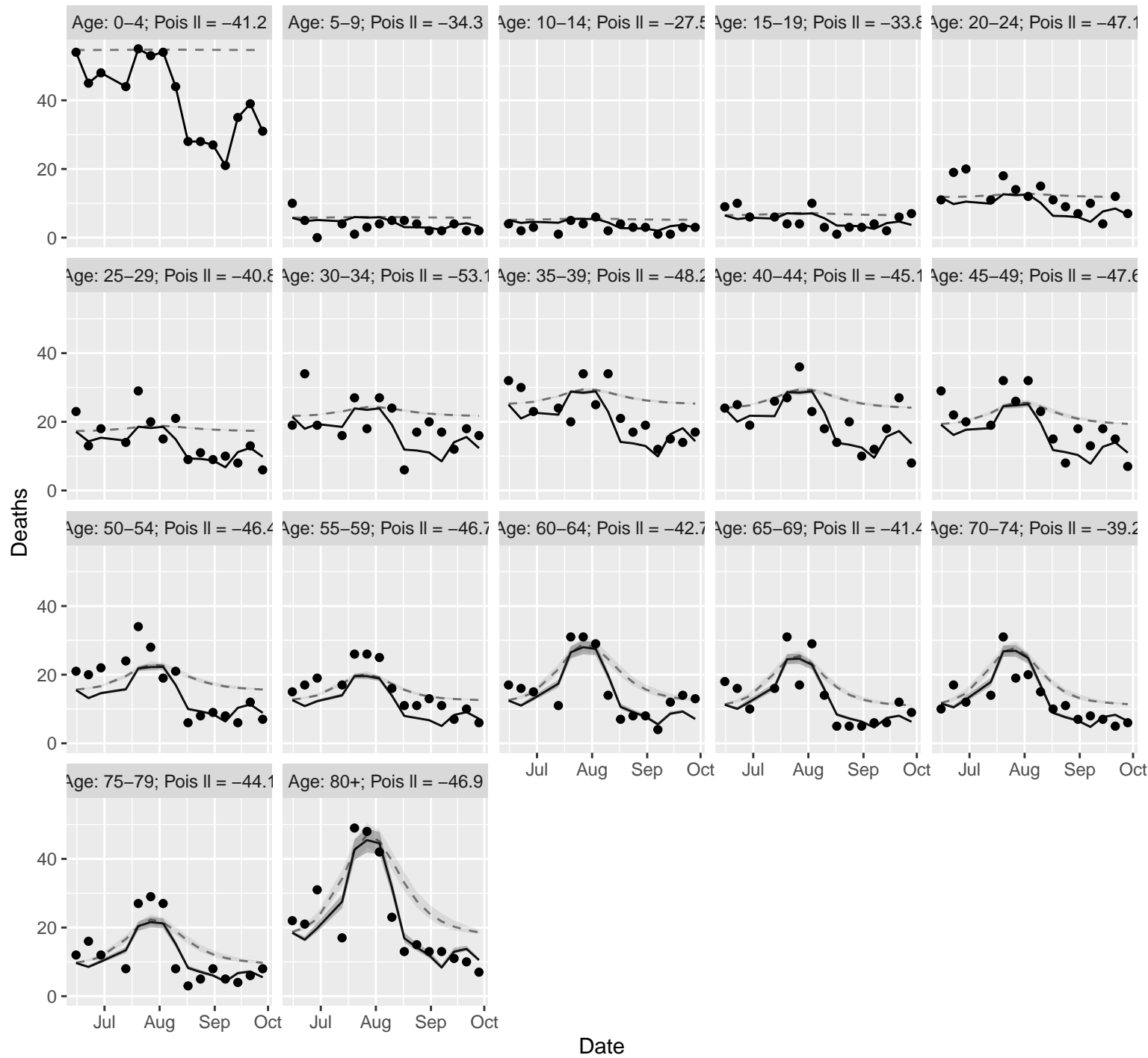


IFR x 0.2, Slope x 1.25  
Modelled COVID-19 Combined prevalence Lusaka

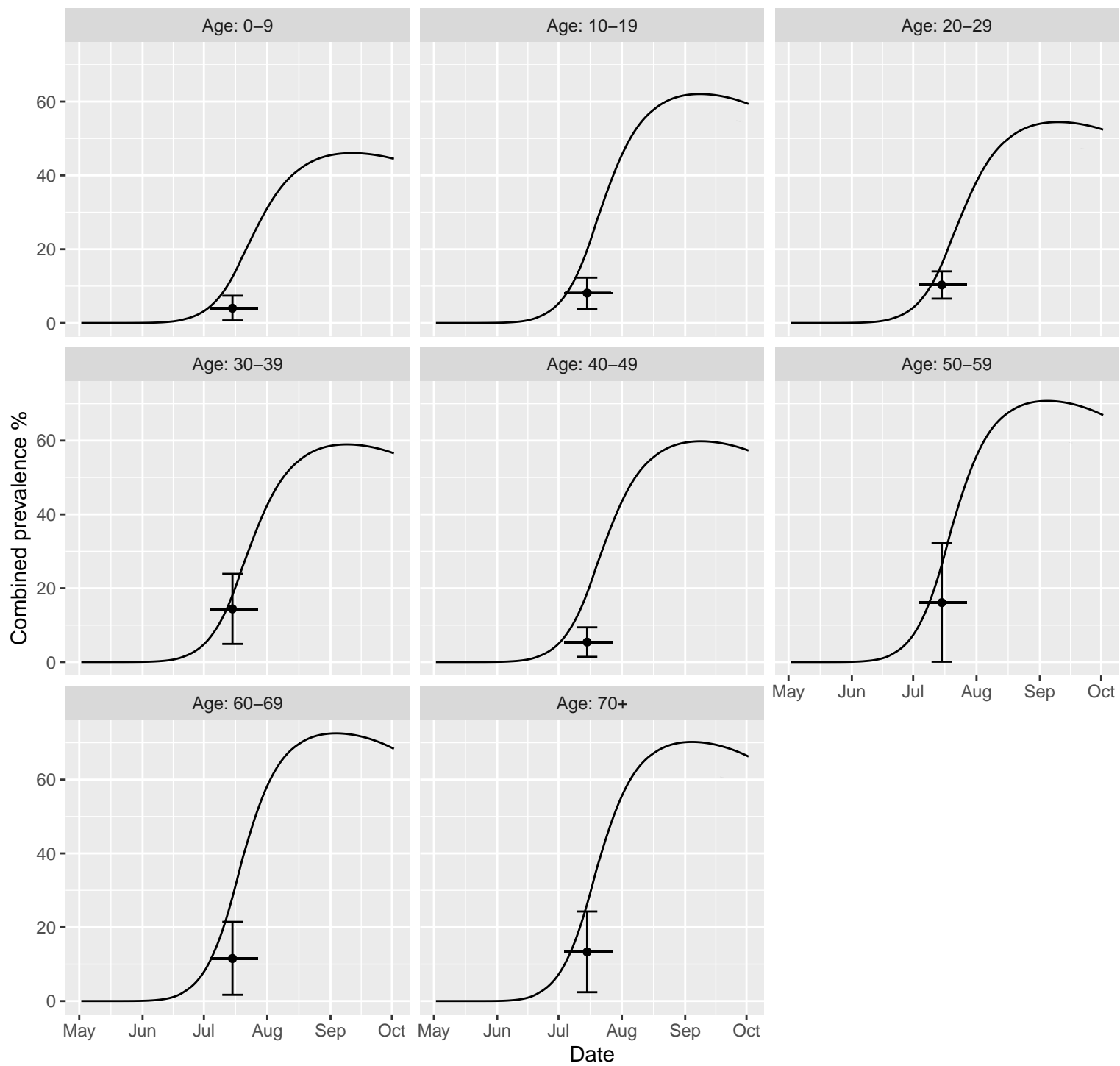


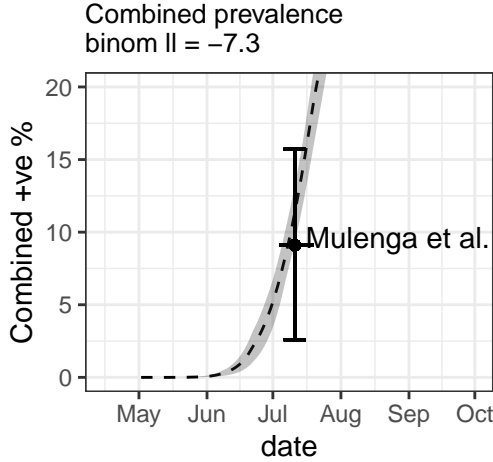
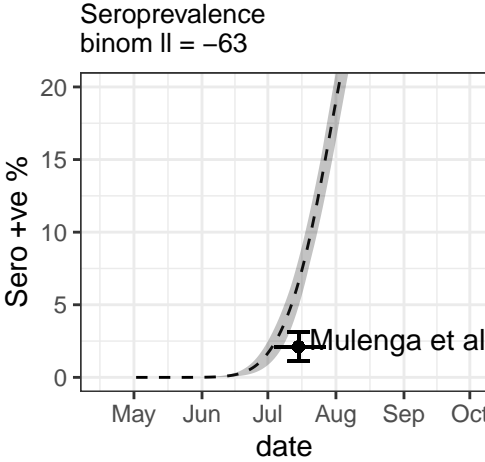
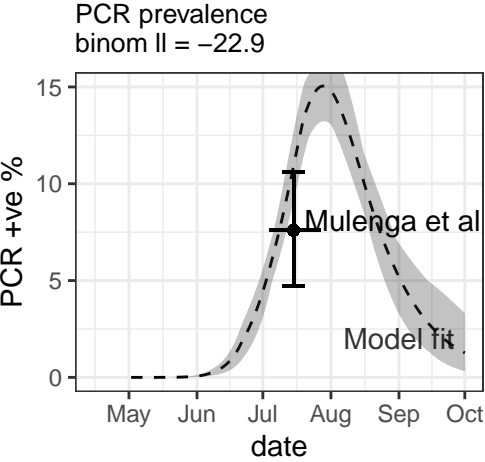
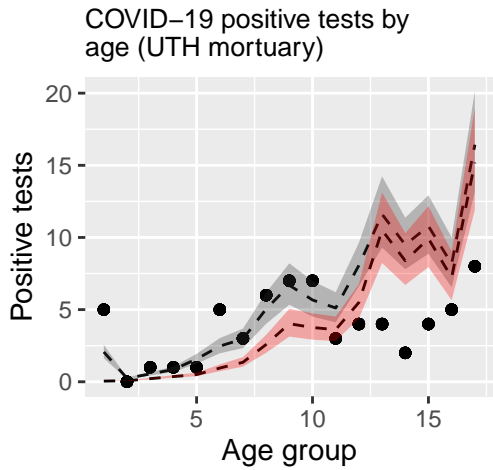
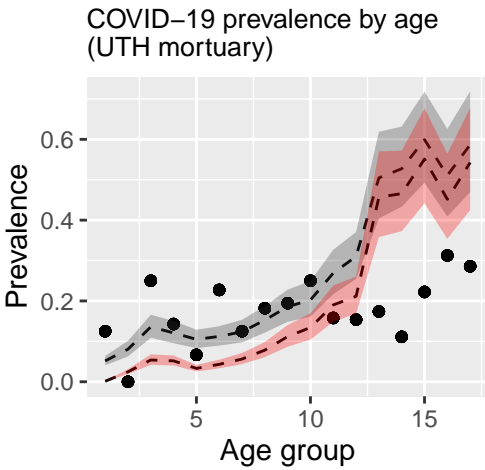
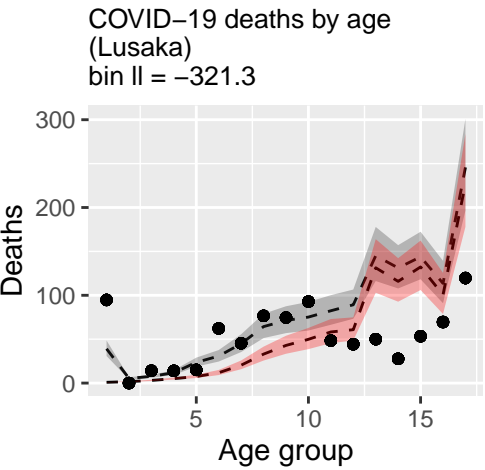
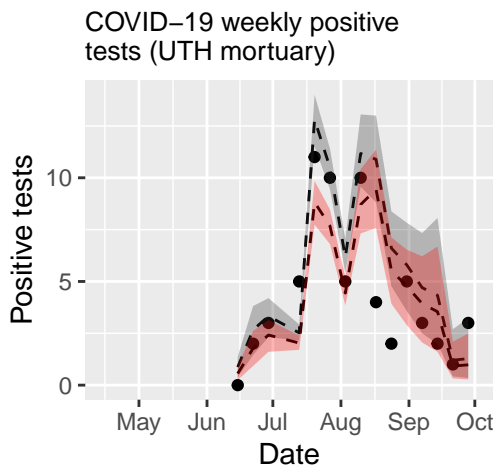
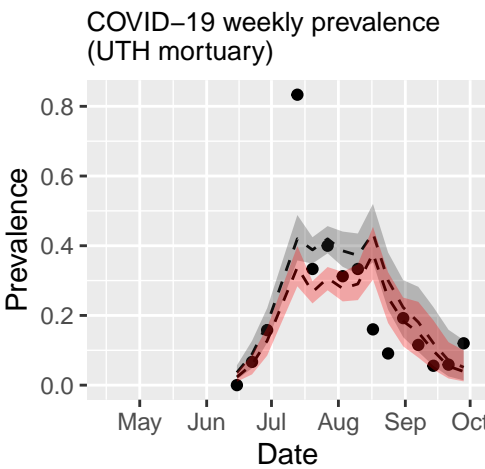
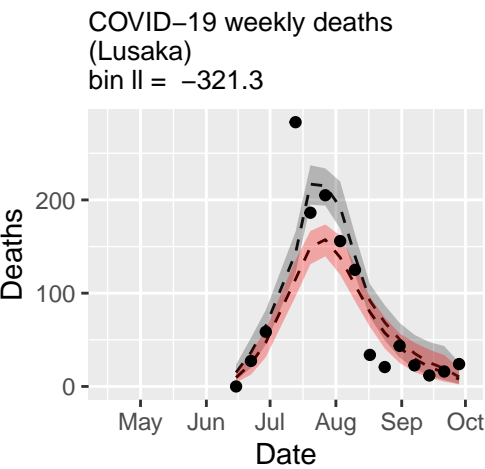


IFR x 0.4, Slope x 1.25  
COVID-19 weekly deaths (Mortuary)  
pois ll = -726.2

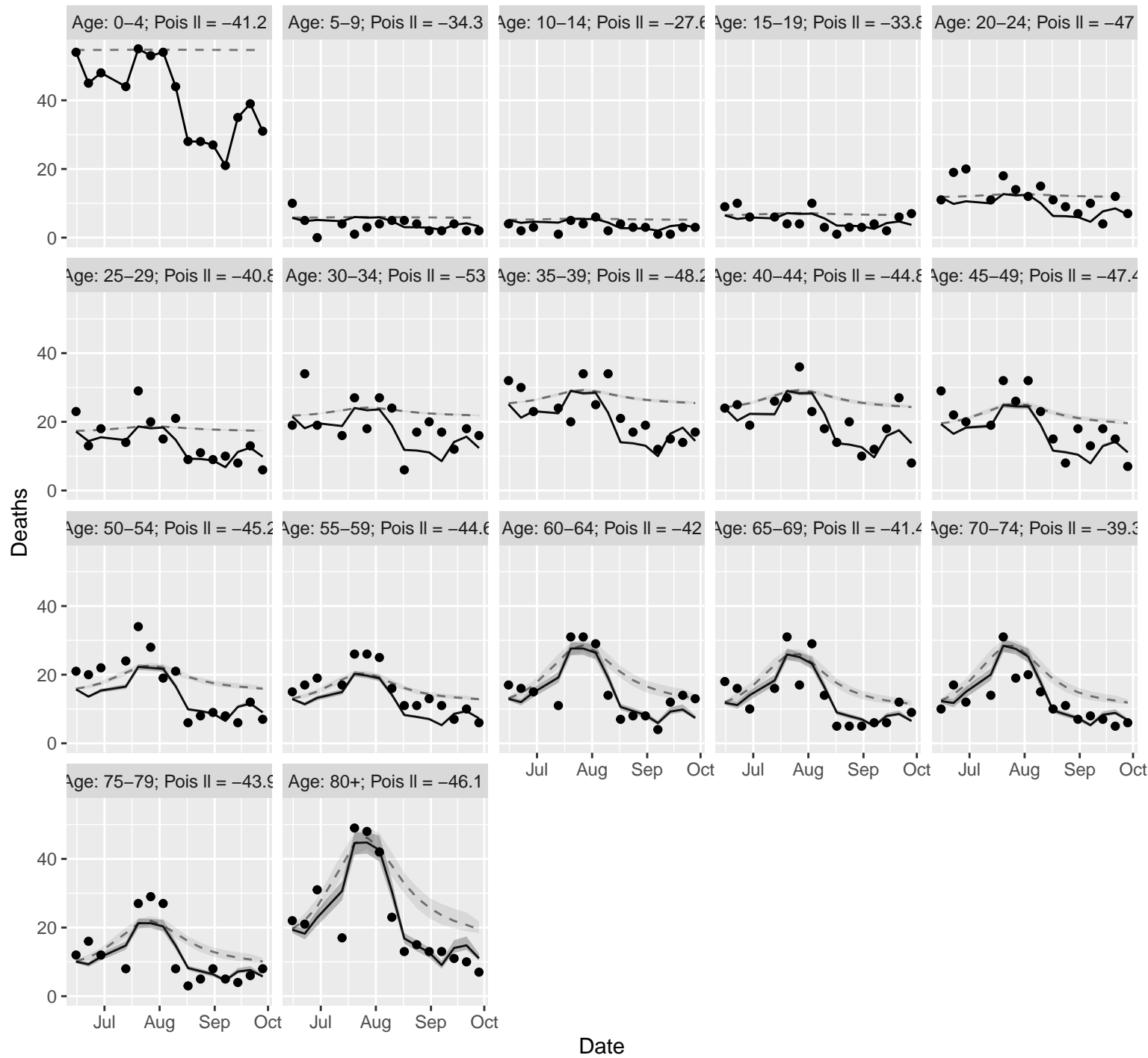


IFR x 0.4, Slope x 1.25  
Modelled COVID-19 Combined prevalence Lusaka

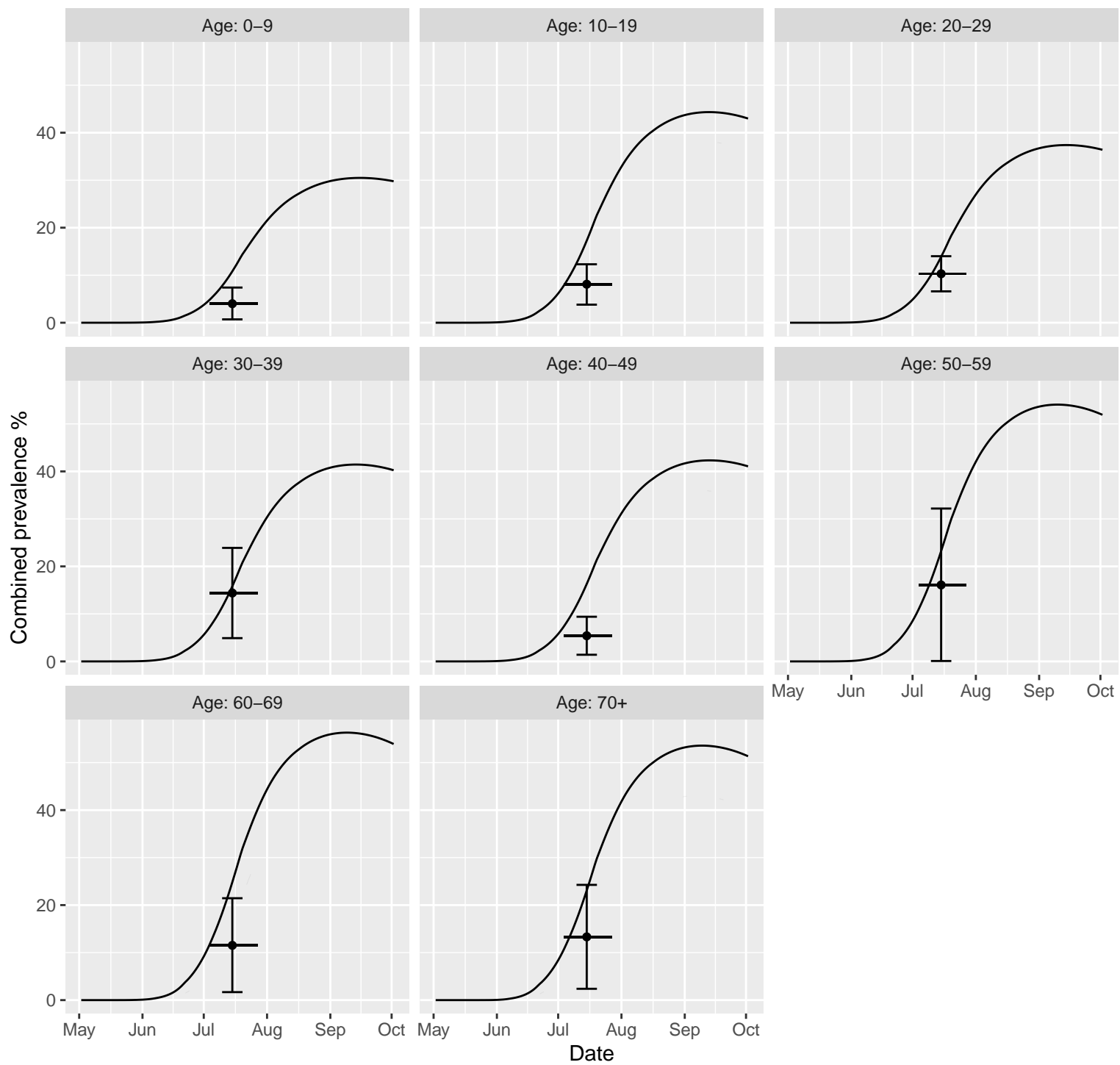




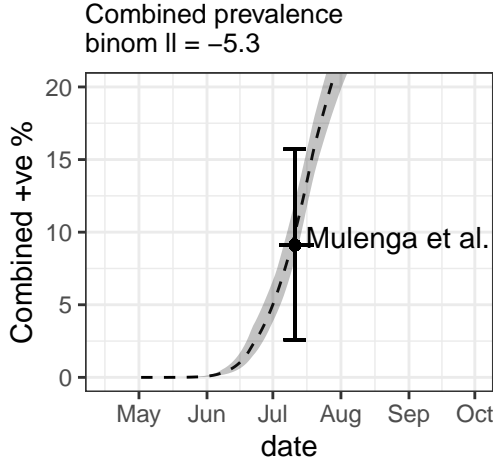
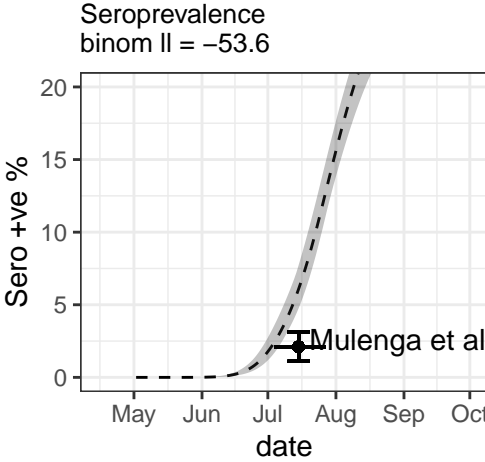
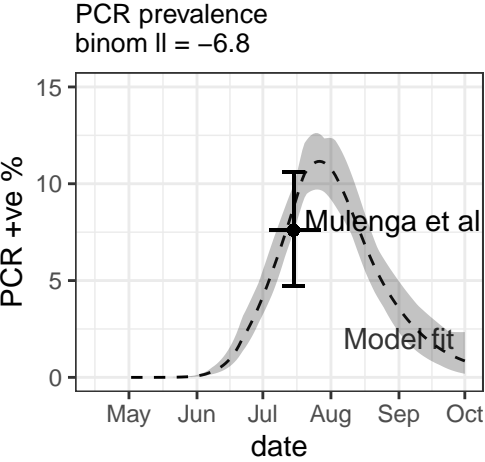
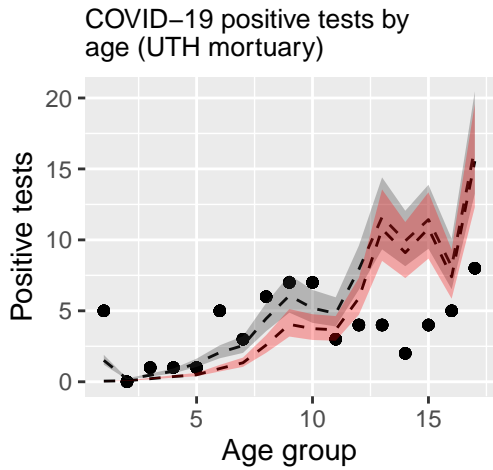
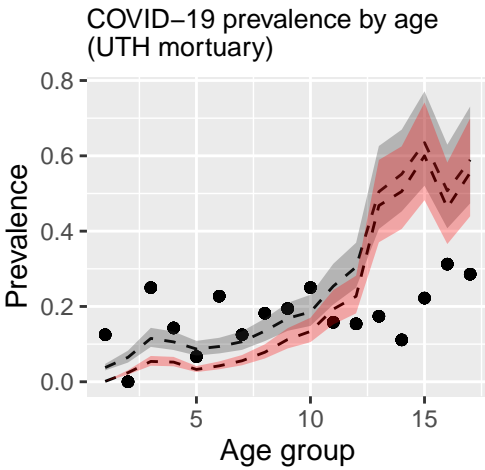
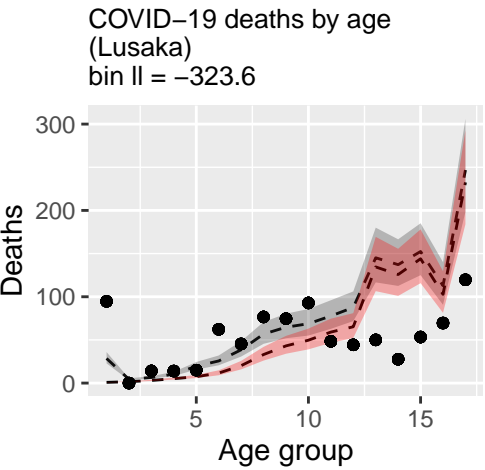
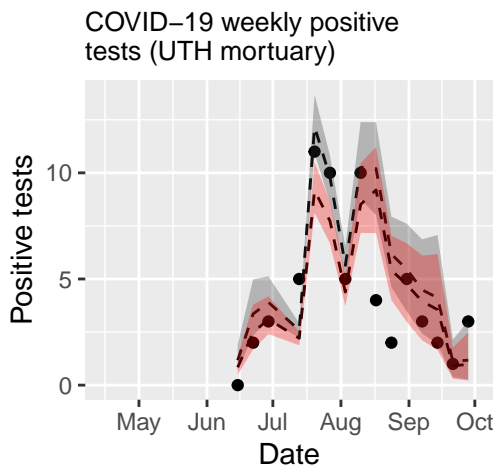
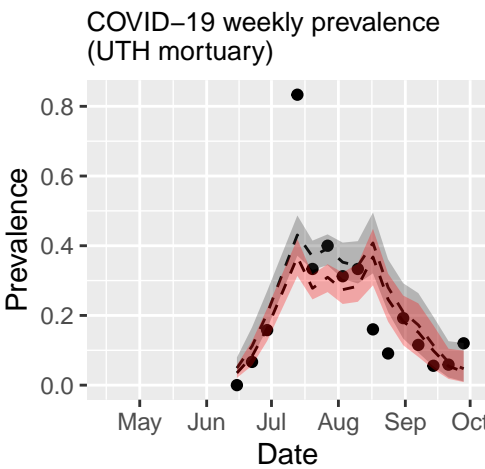
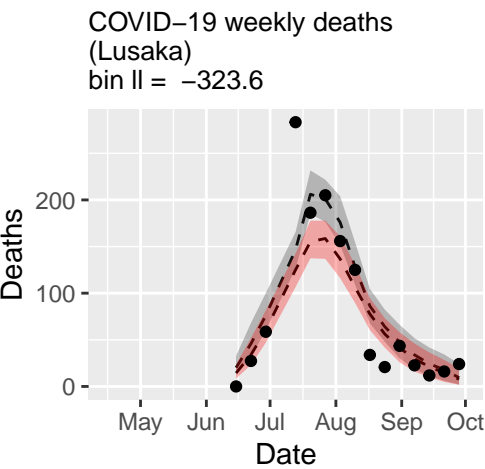
IFR x 0.6, Slope x 1.25  
 COVID-19 weekly deaths (Mortuary)  
 pois II = -720.6



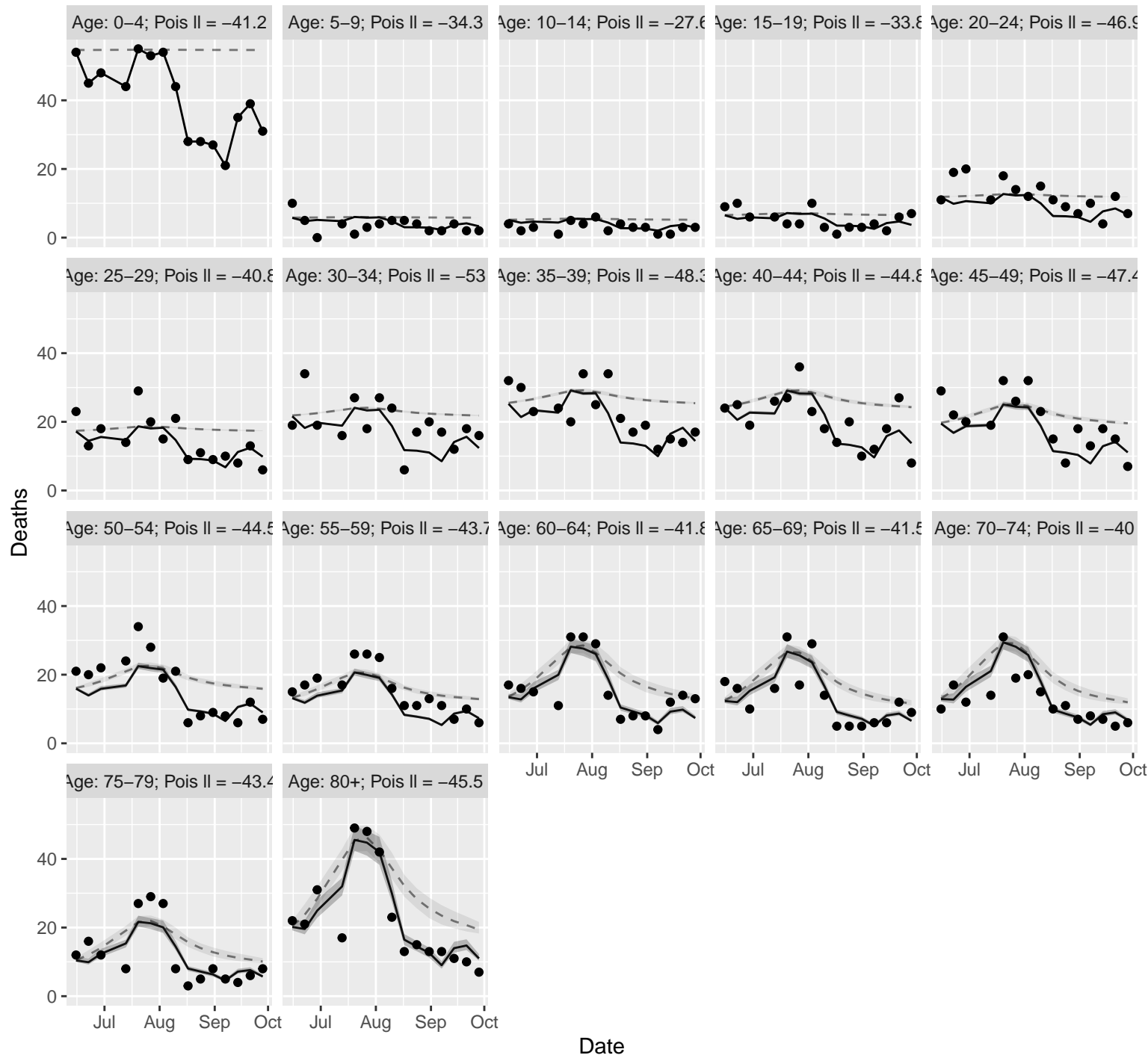
IFR x 0.6, Slope x 1.25  
Modelled COVID-19 Combined prevalence Lusaka



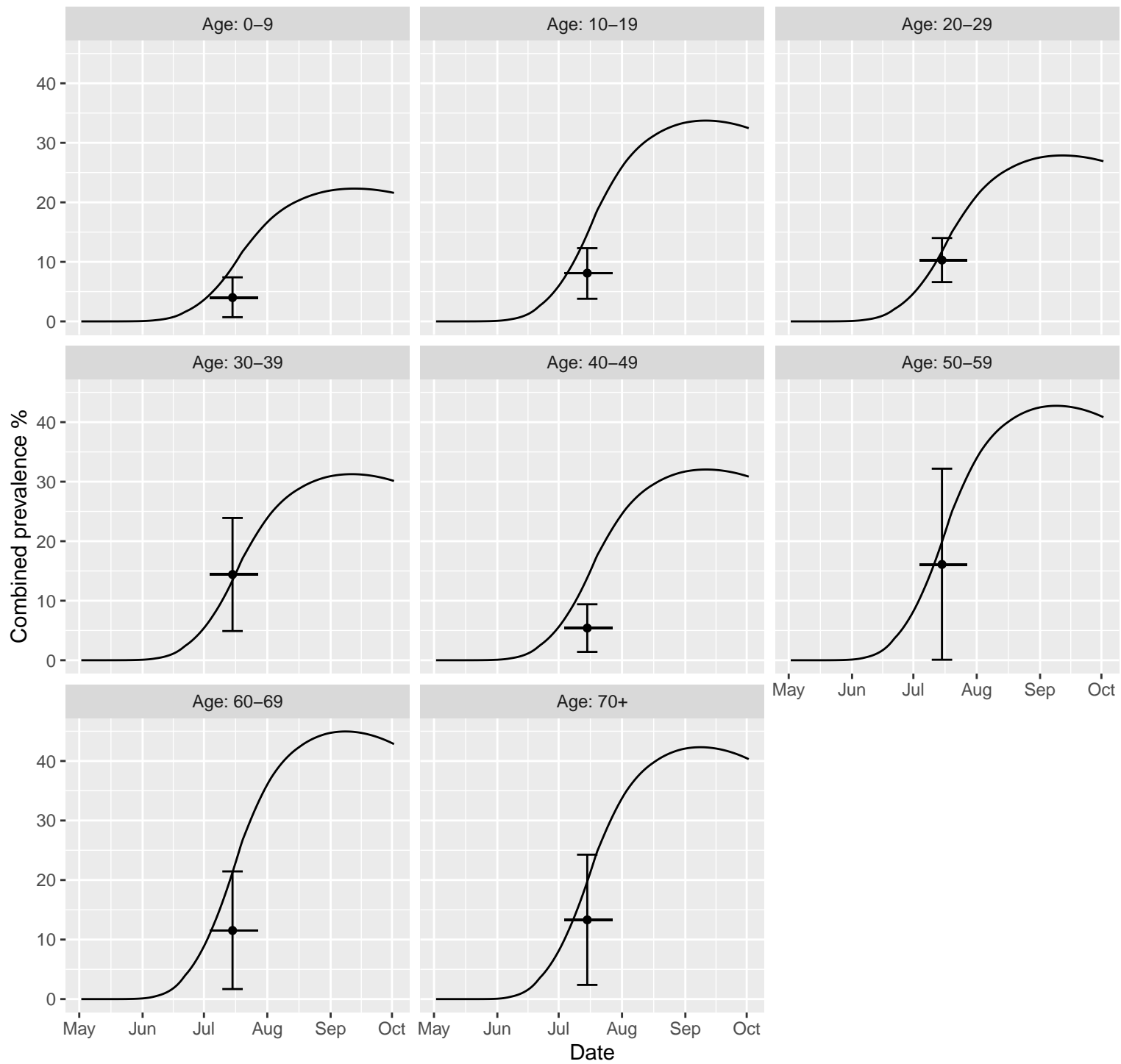


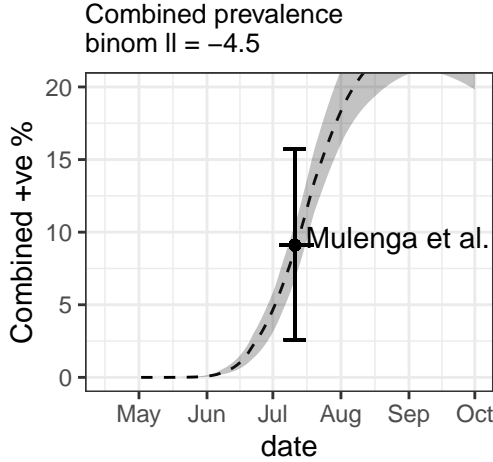
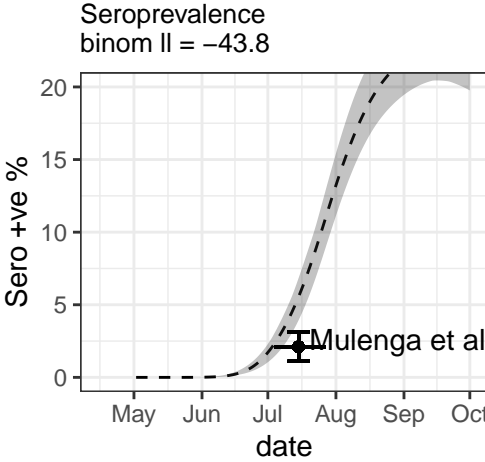
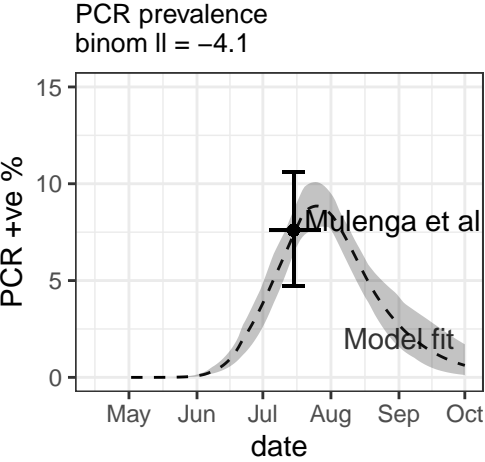
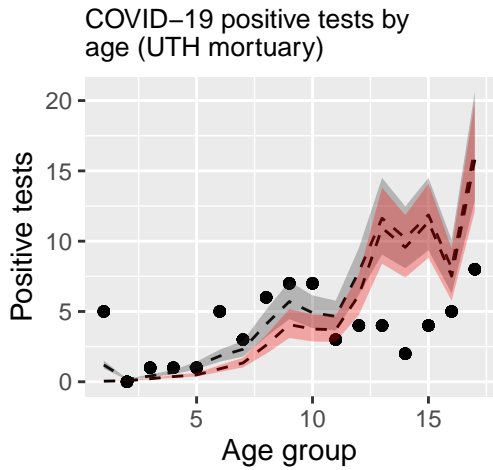
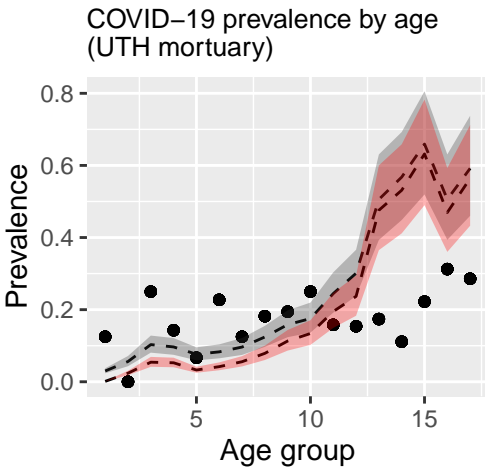
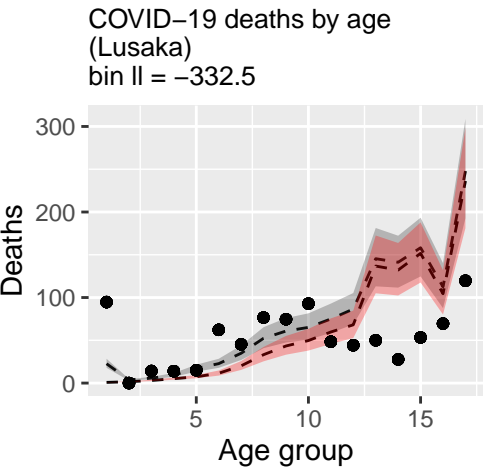
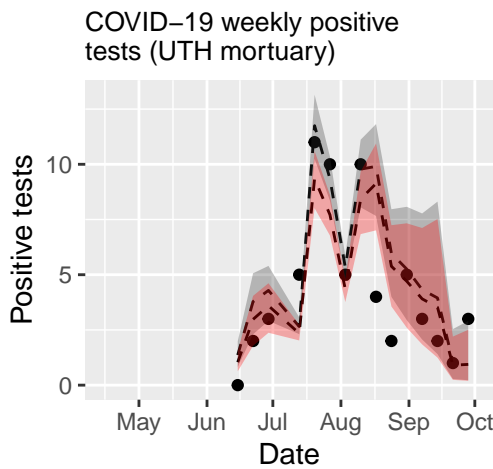
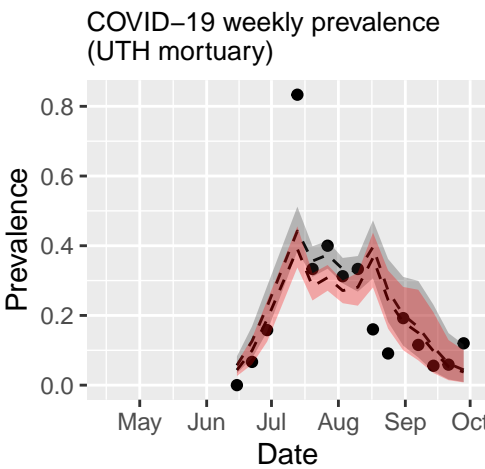
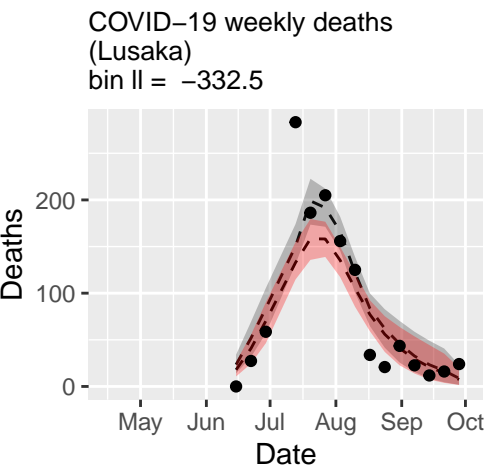


IFR x 0.8, Slope x 1.25  
 COVID-19 weekly deaths (Mortuary)  
 pois ll = -718.7

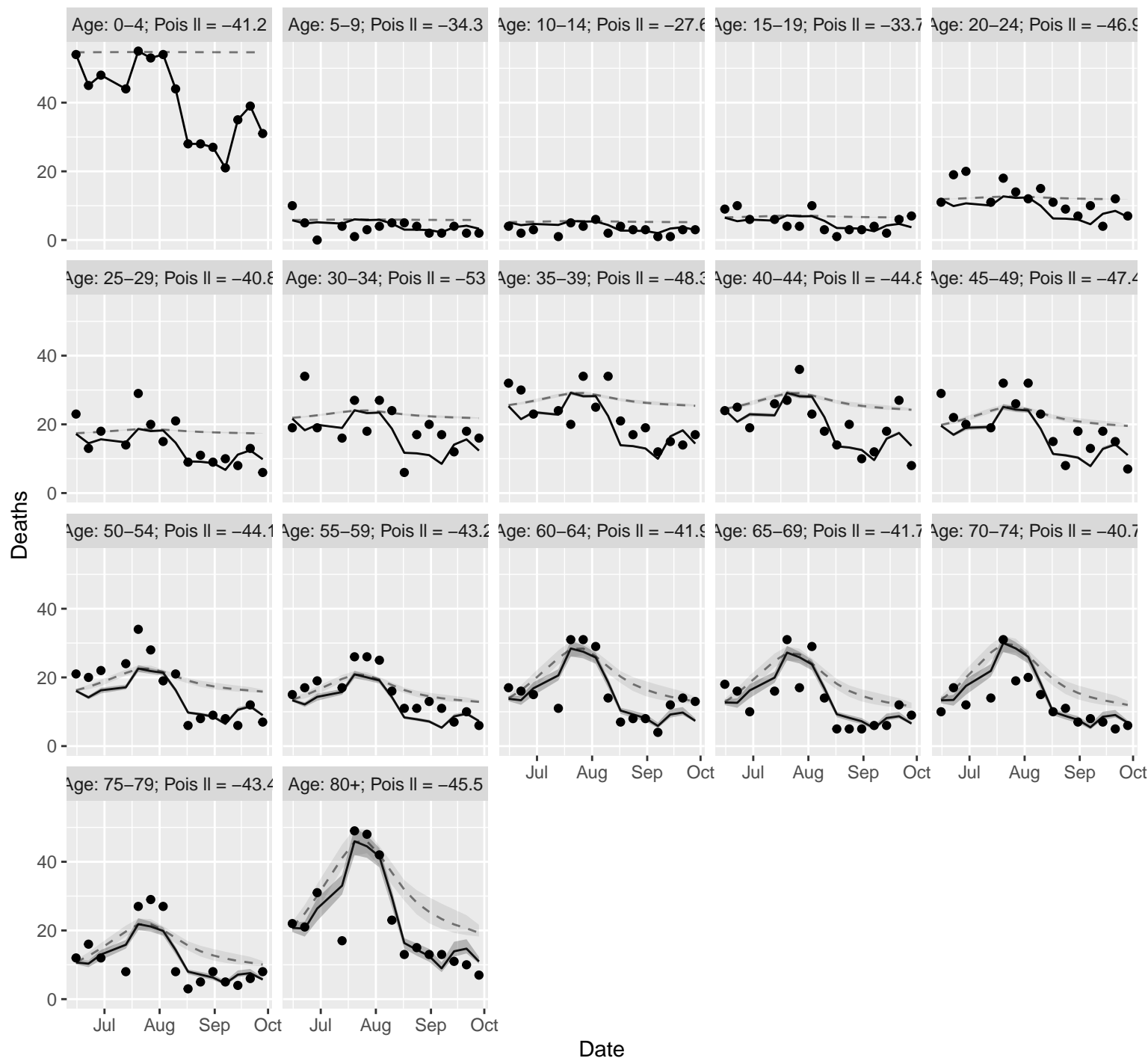


IFR x 0.8, Slope x 1.25  
Modelled COVID-19 Combined prevalence Lusaka

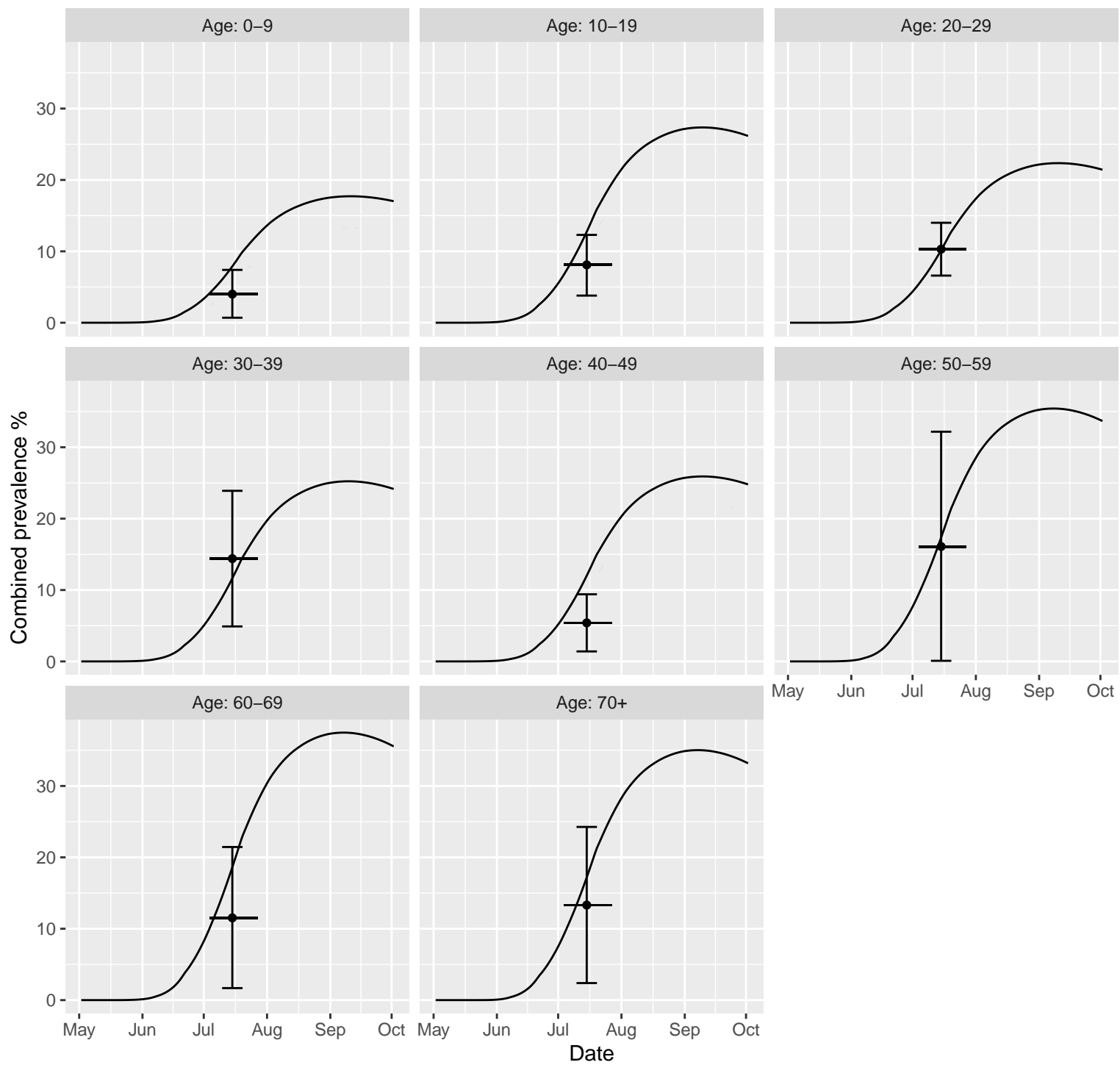


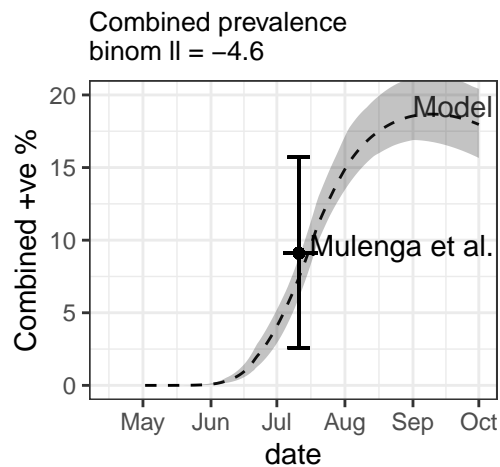
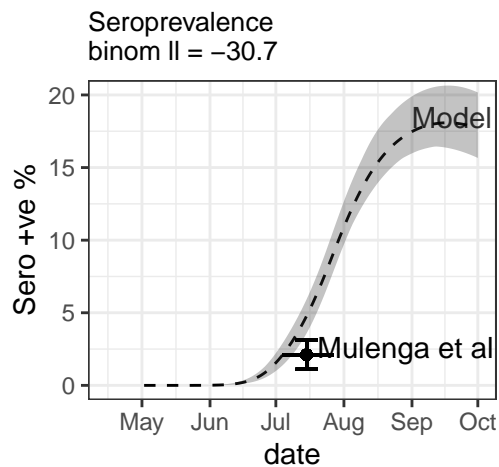
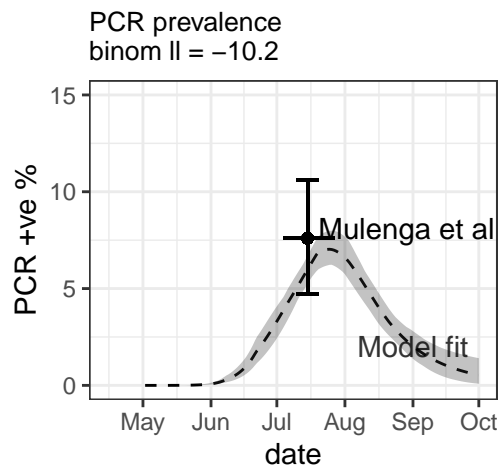
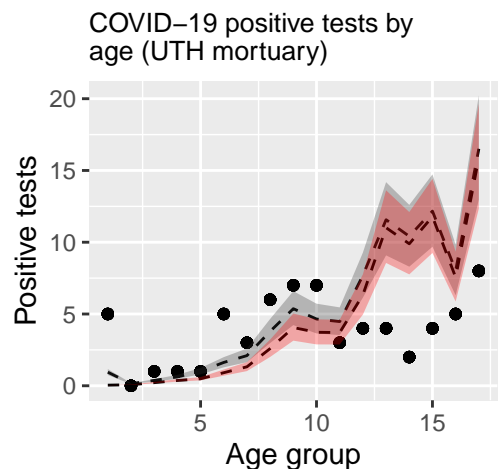
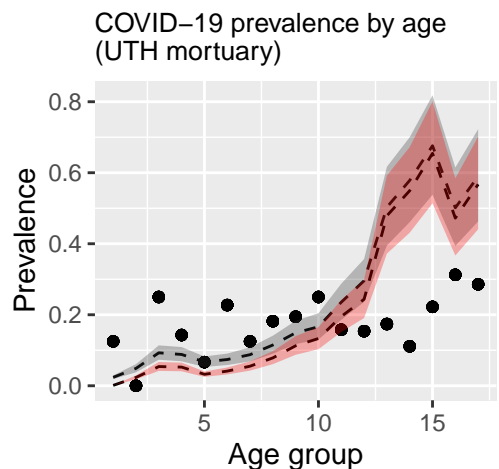
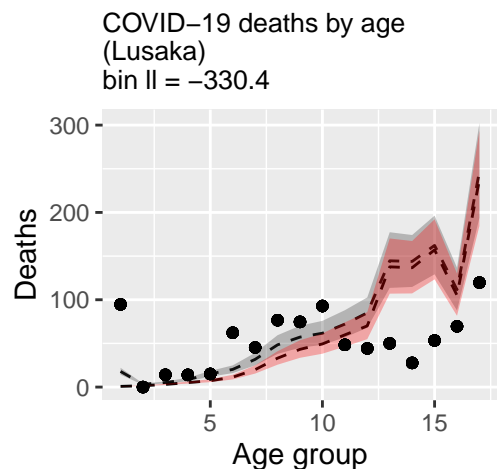
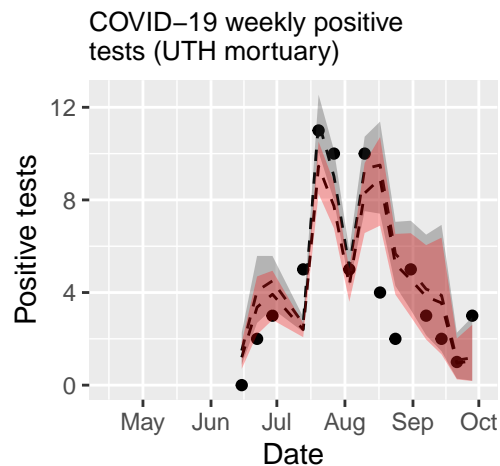
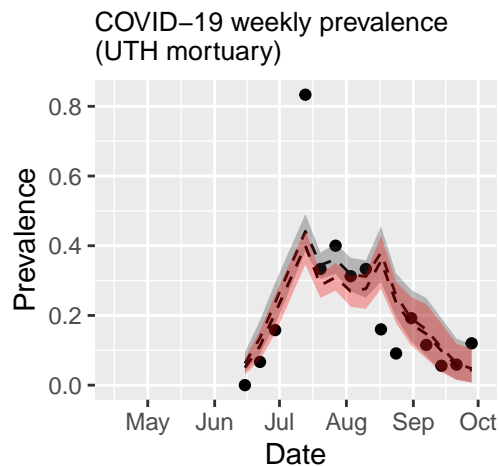
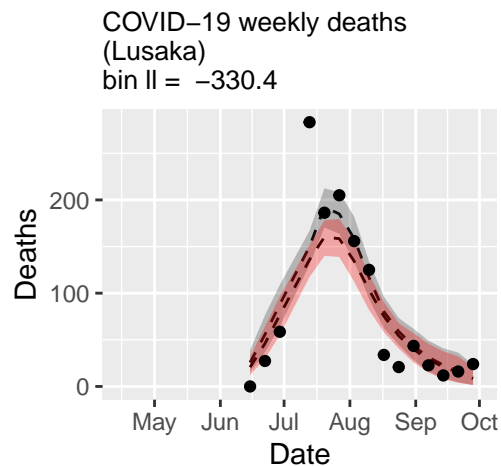


IFR x 1, Slope x 1.25  
 COVID-19 weekly deaths (Mortuary)  
 pois ll = -718.6

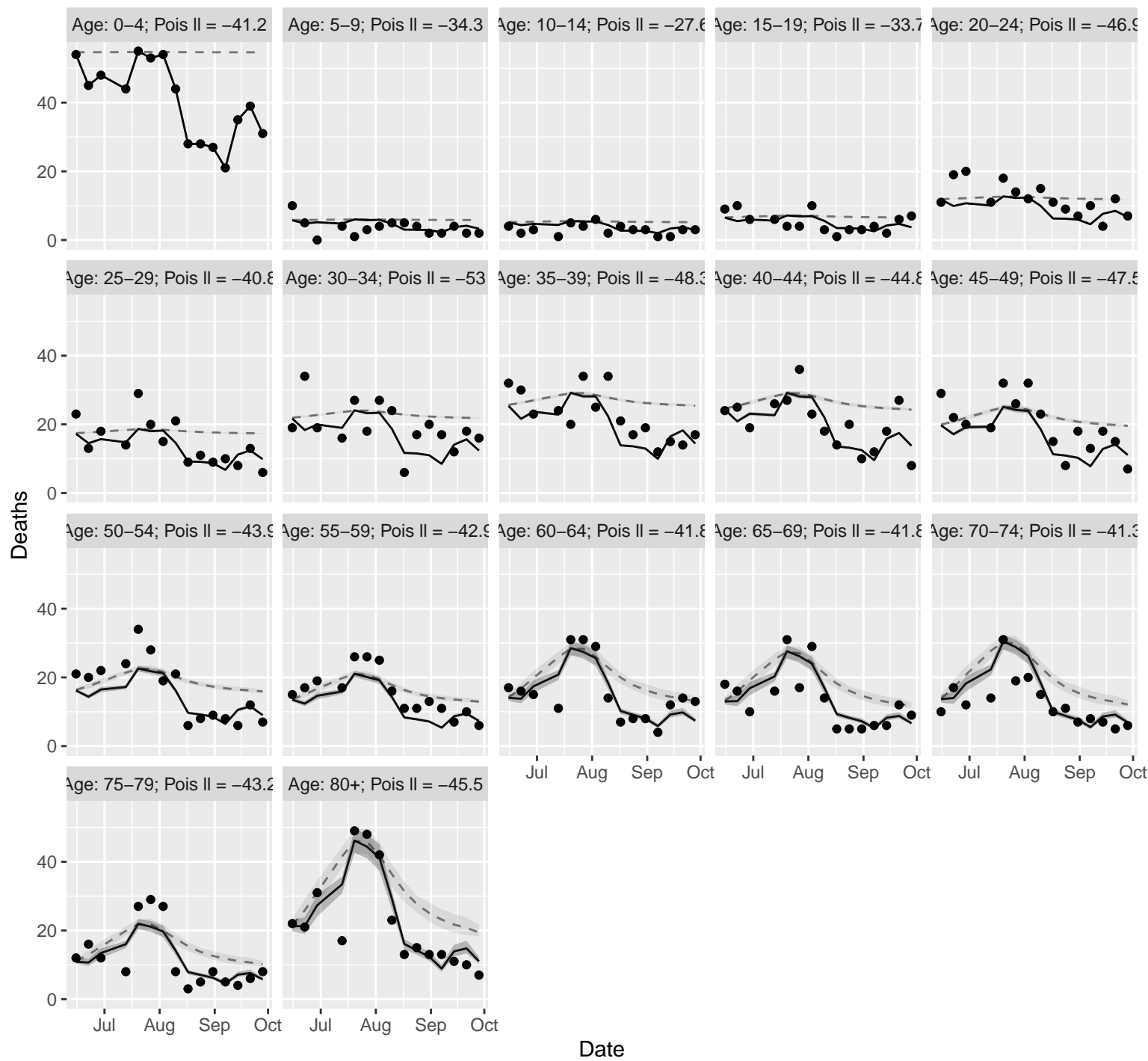


IFR x 1, Slope x 1.25  
Modelled COVID-19 Combined prevalence Lusaka



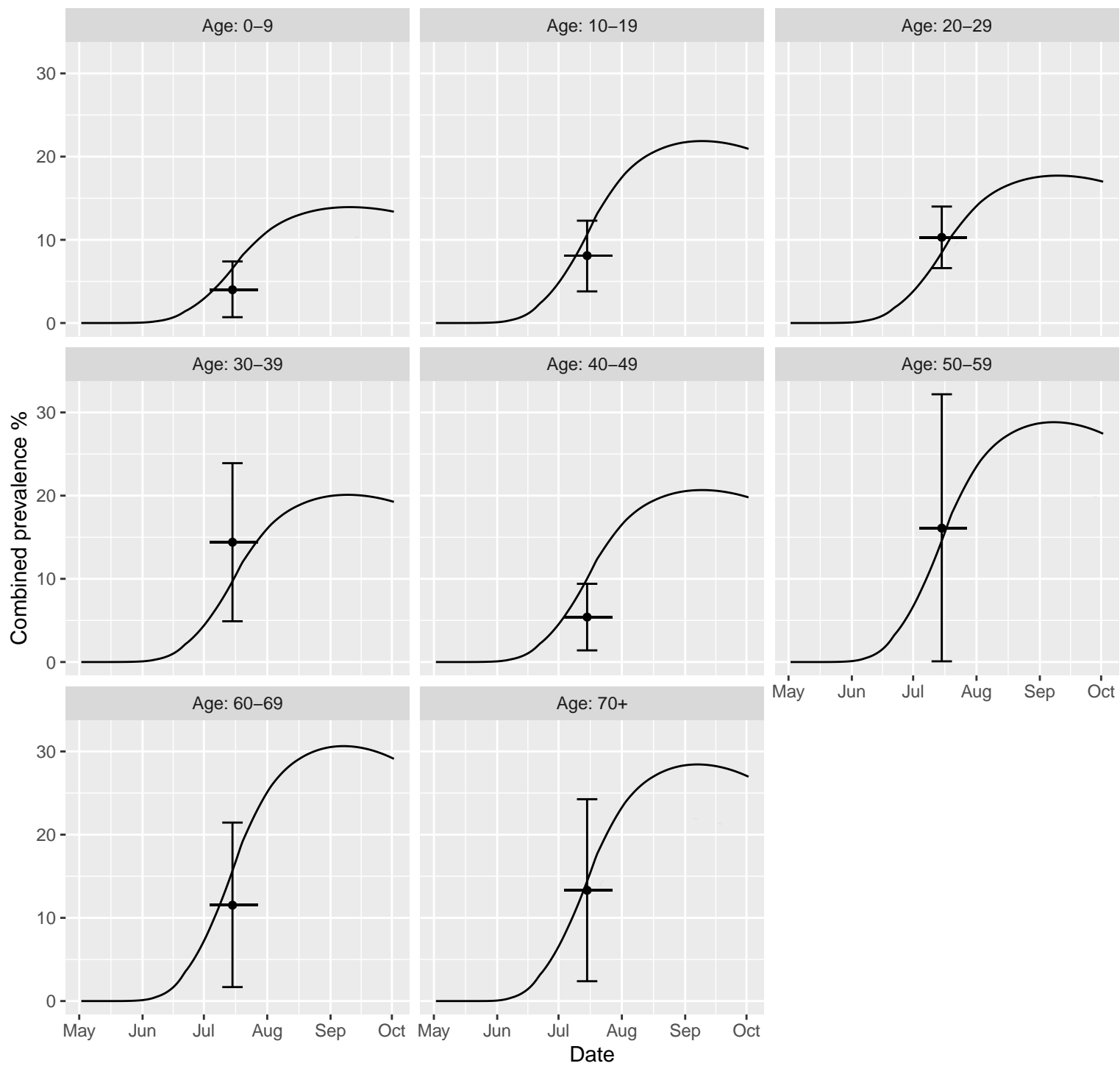


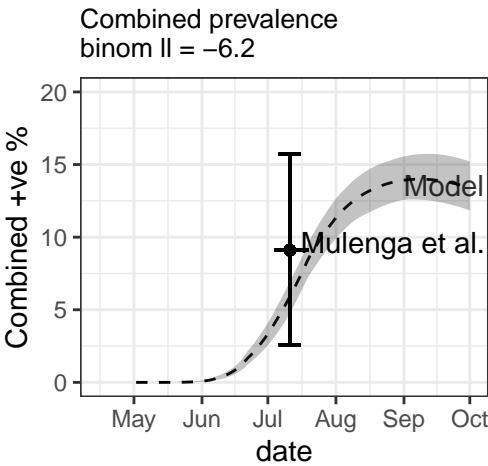
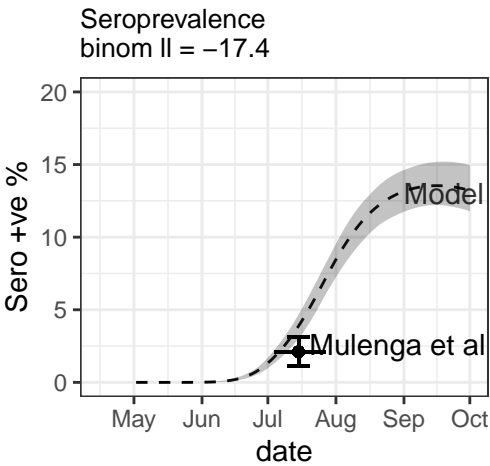
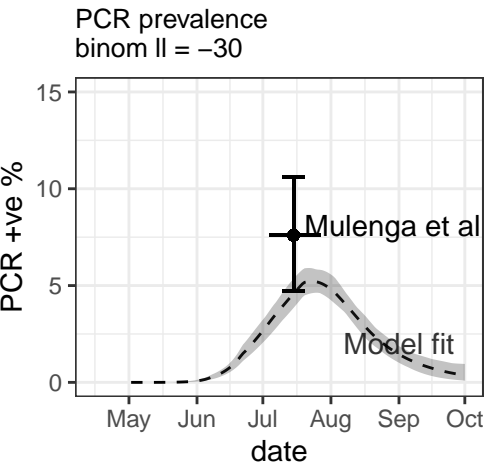
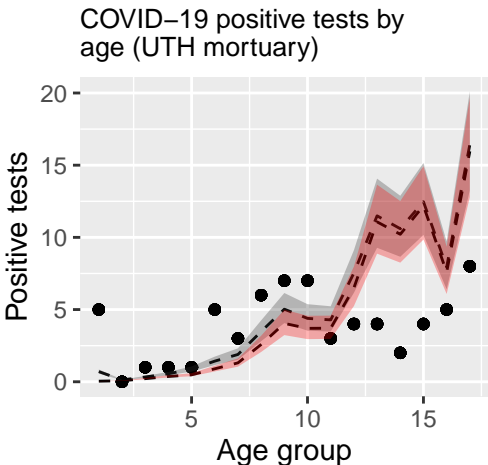
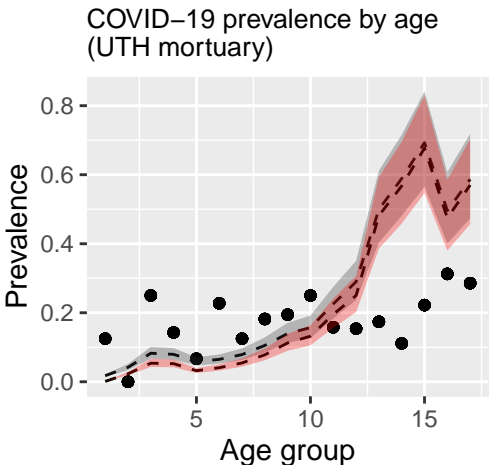
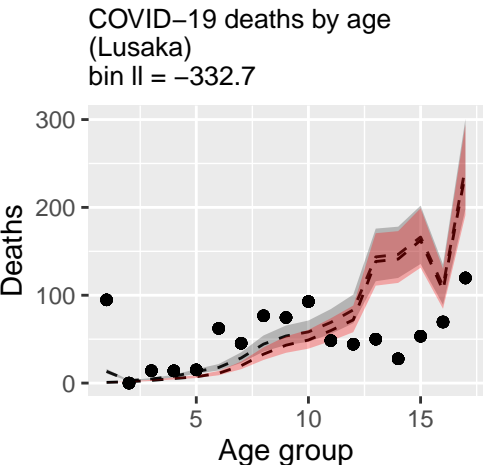
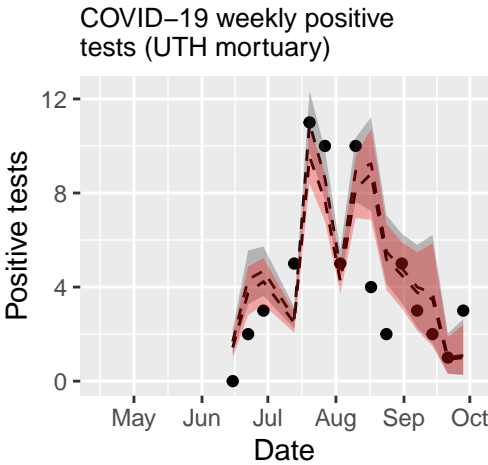
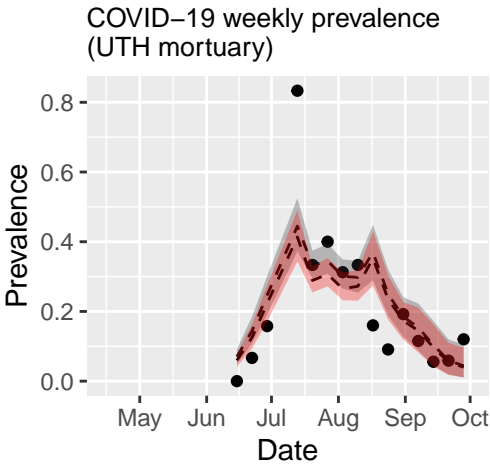
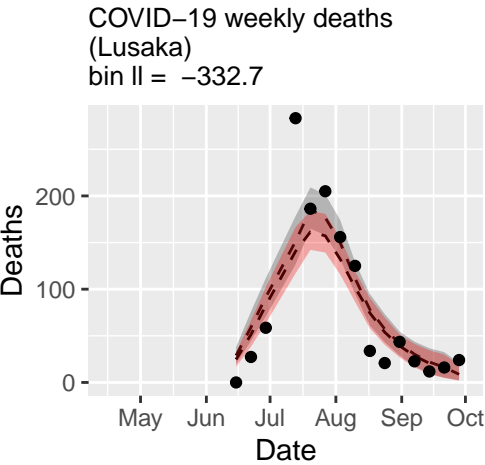
IFR x 1.25, Slope x 1.25  
 COVID-19 weekly deaths (Mortuary)  
 pois ll = -718.7



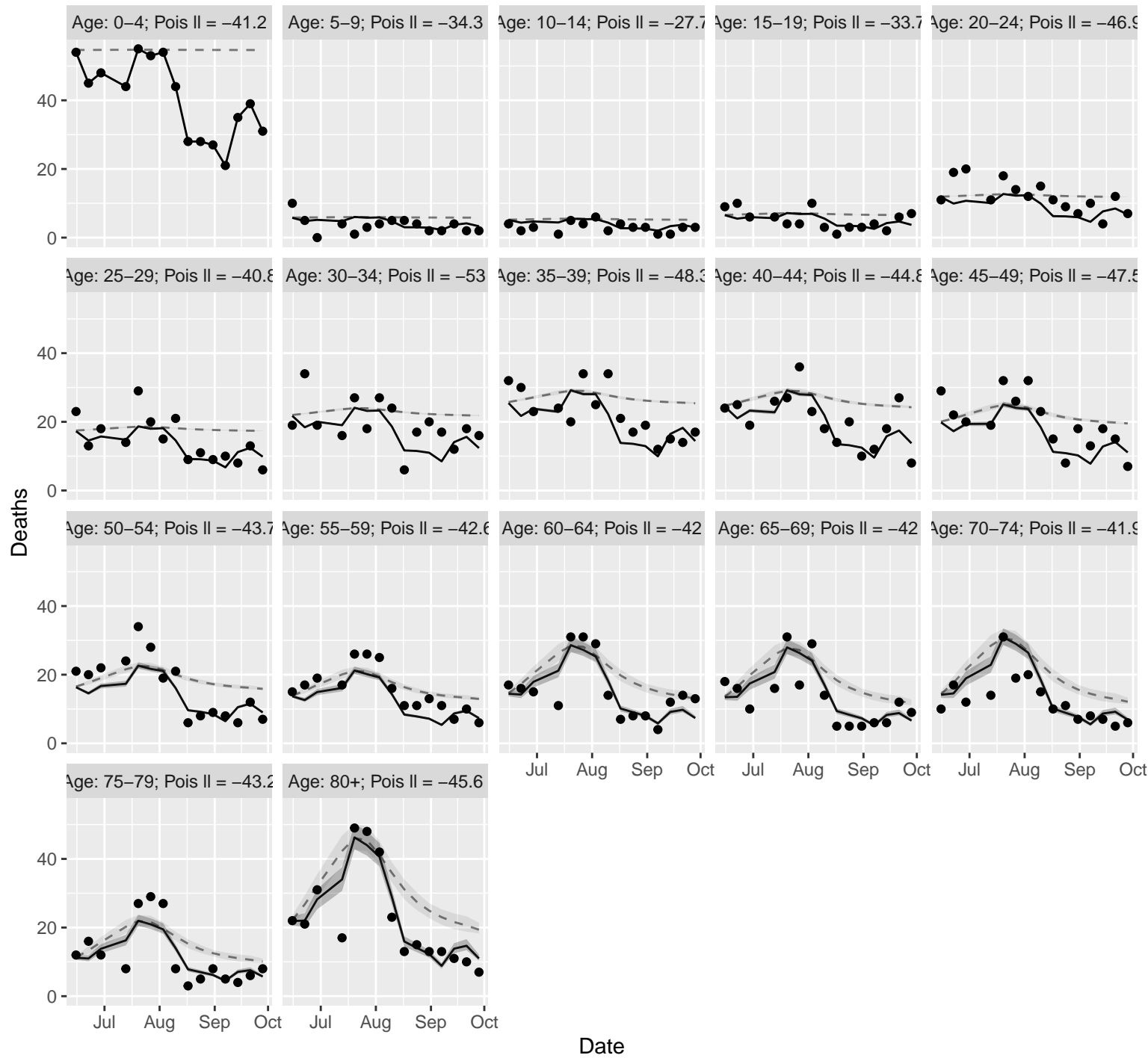


IFR x 1.25, Slope x 1.25  
Modelled COVID-19 Combined prevalence Lusaka

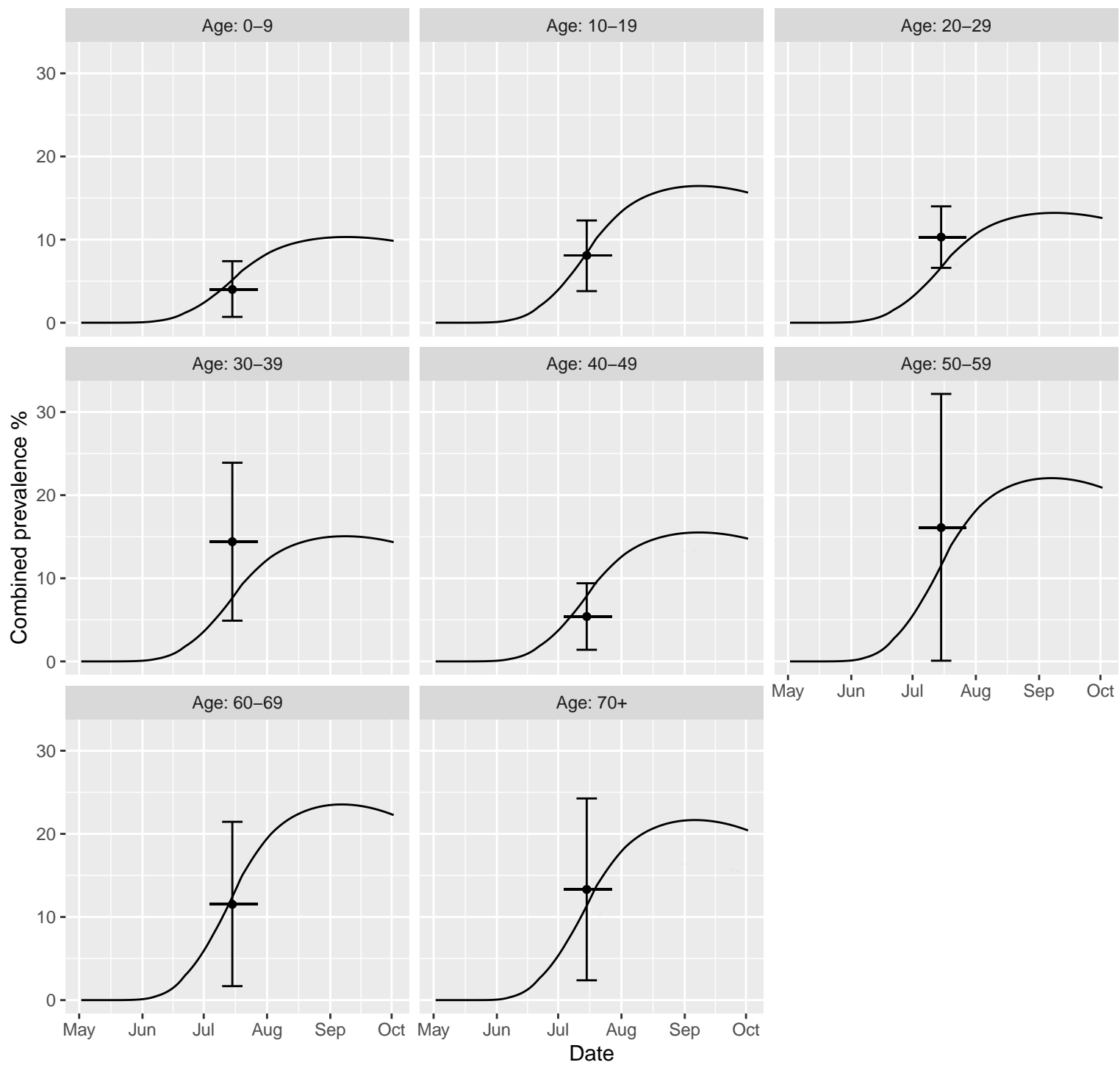


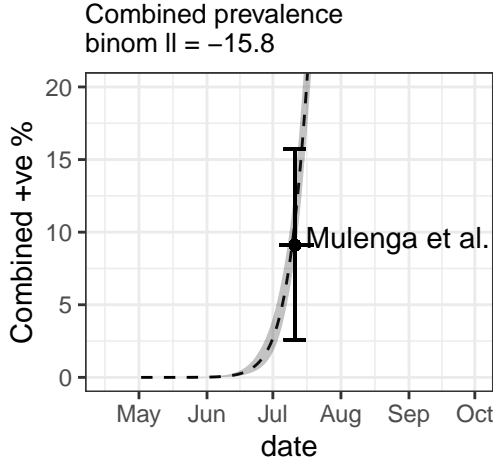
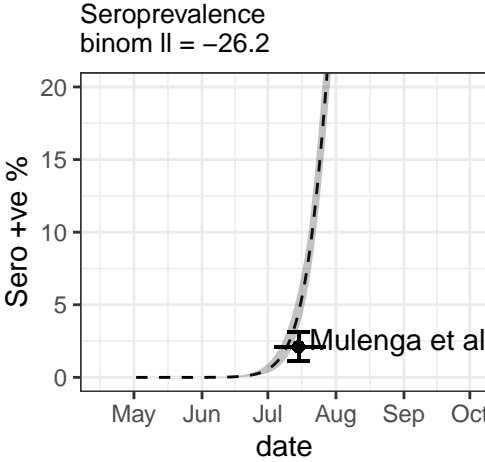
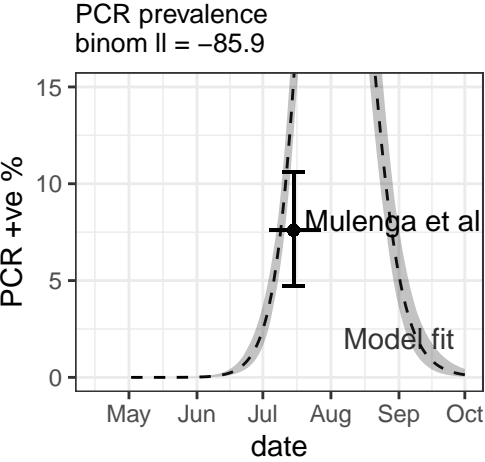
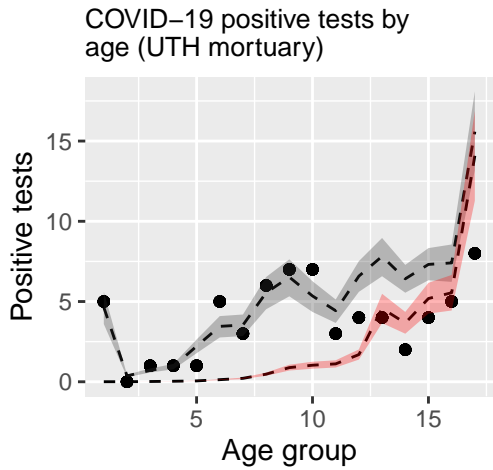
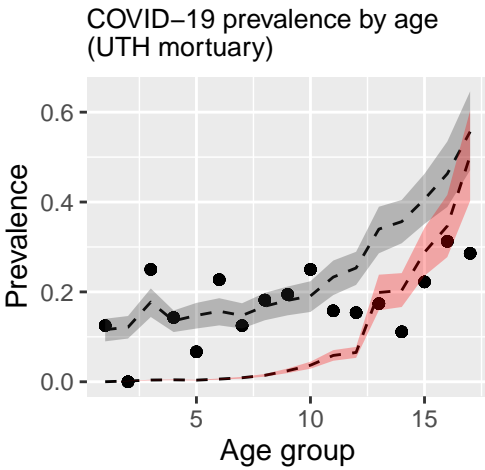
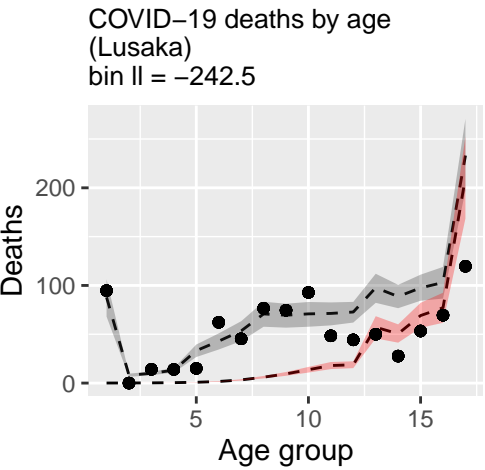
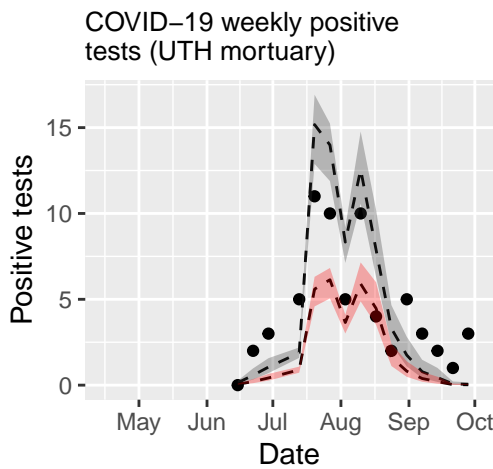
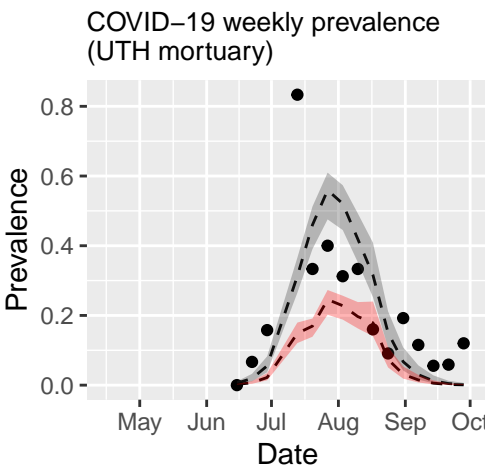
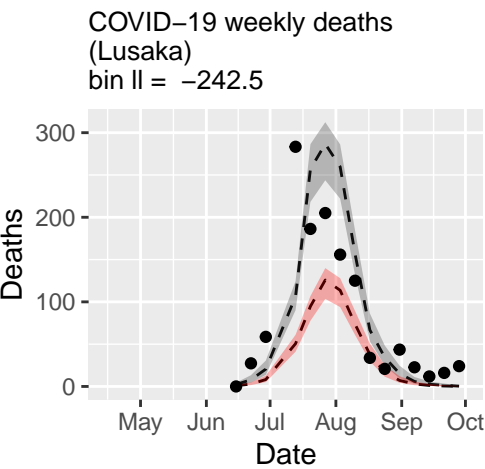


IFR x 1.66666666666667, Slope x 1.25  
 COVID-19 weekly deaths (Mortuary)  
 pois ll = -719.2

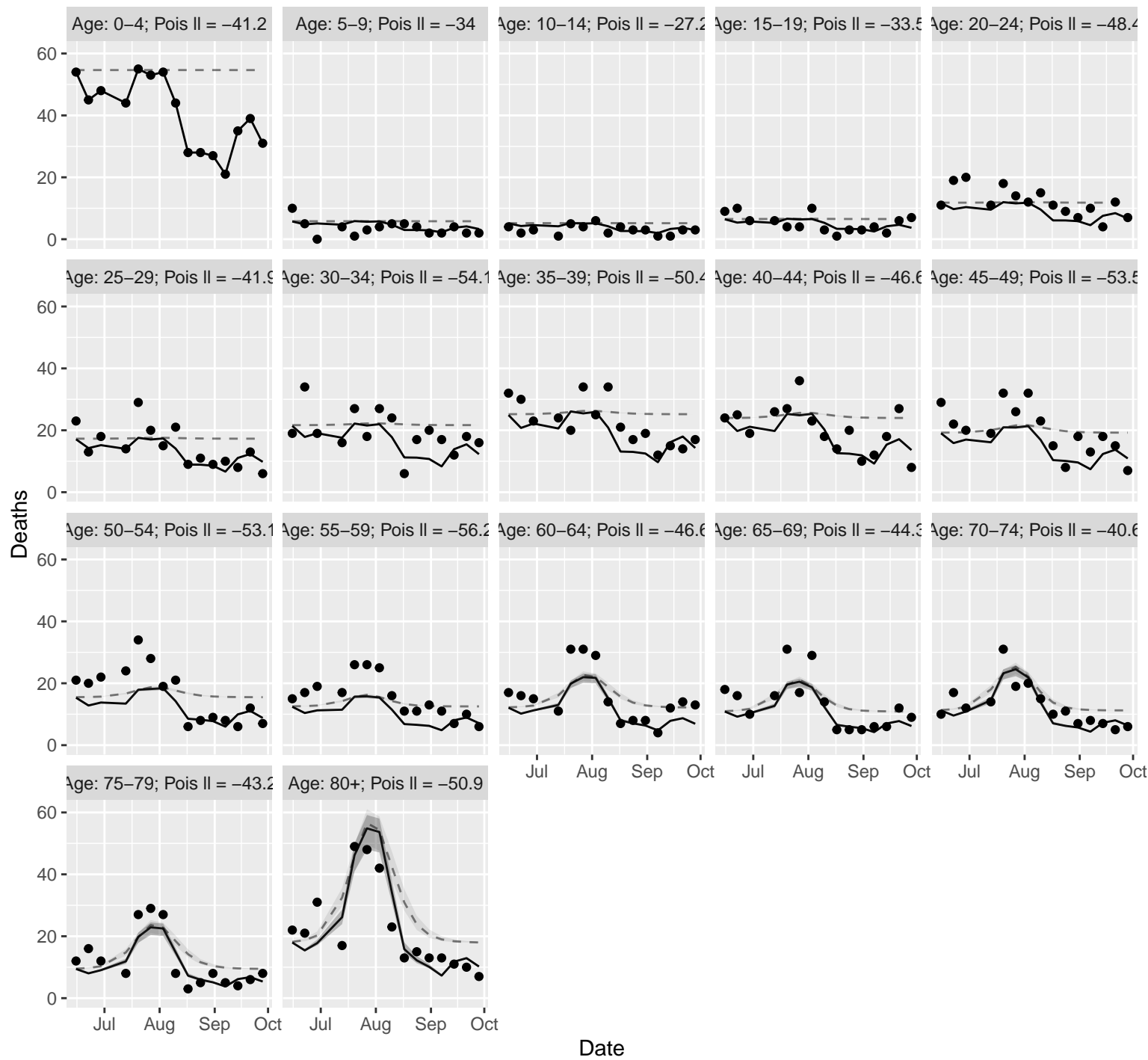


IFR x 1.66666666666667, Slope x 1.25  
Modelled COVID-19 Combined prevalence Lusaka

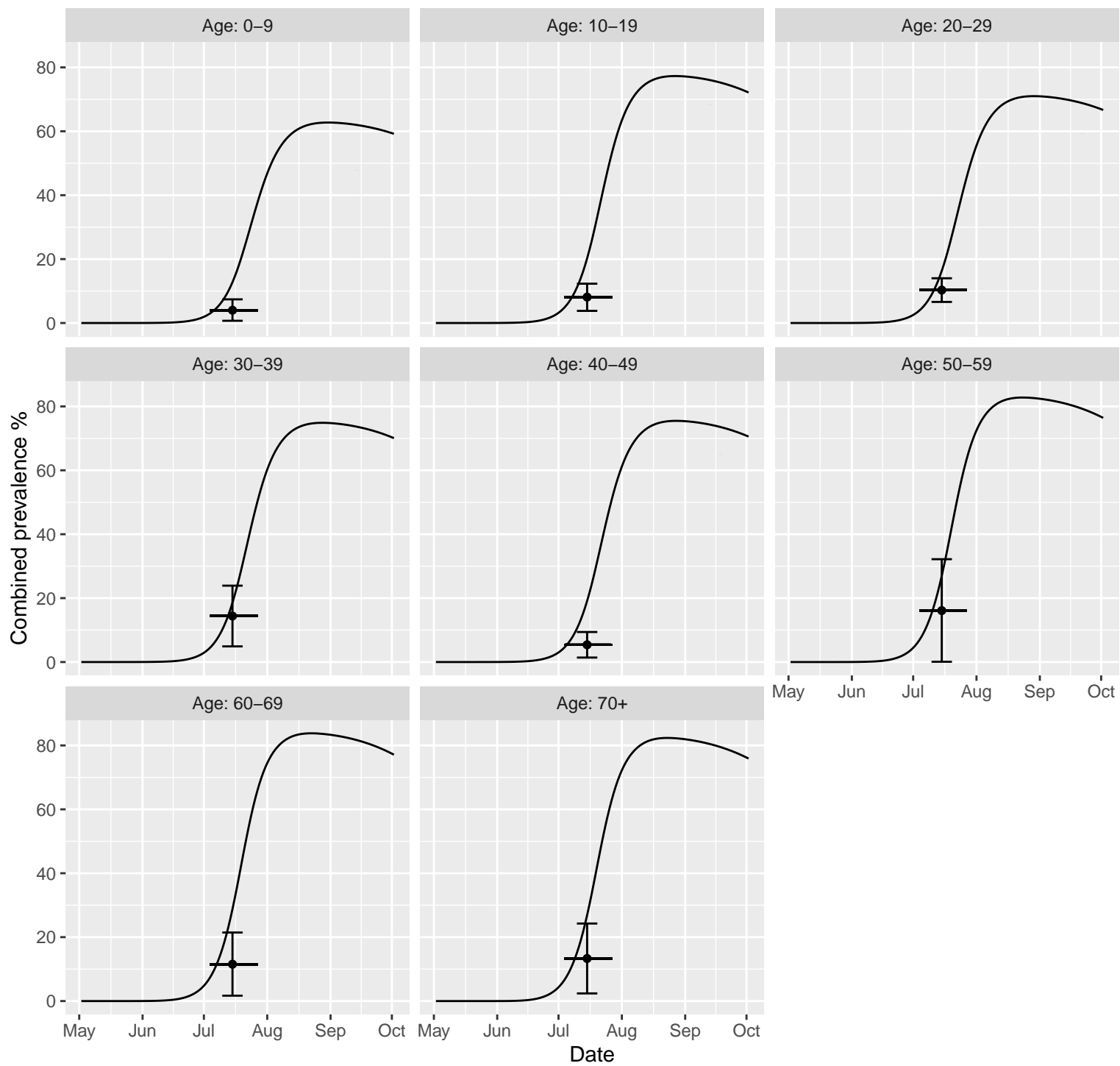


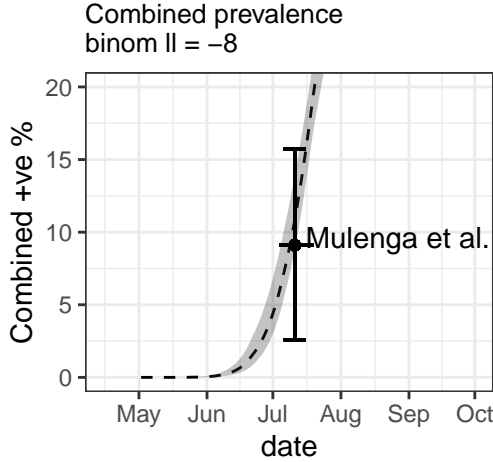
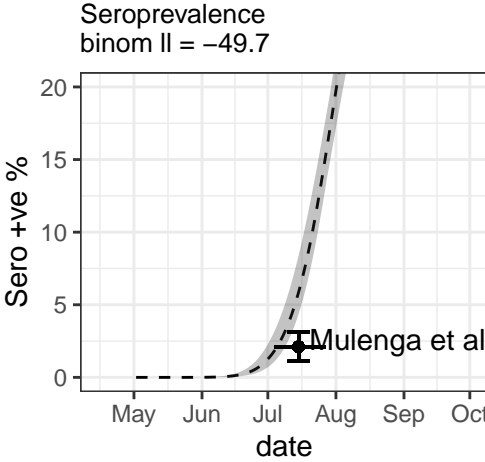
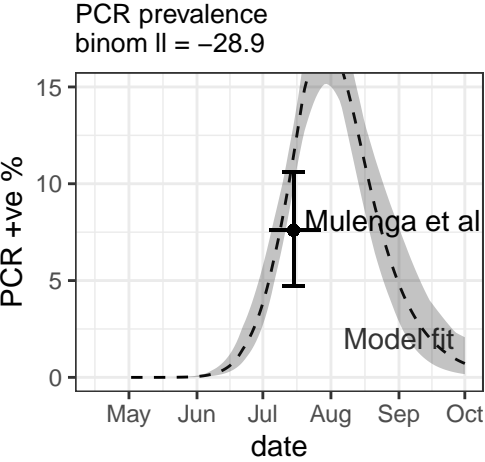
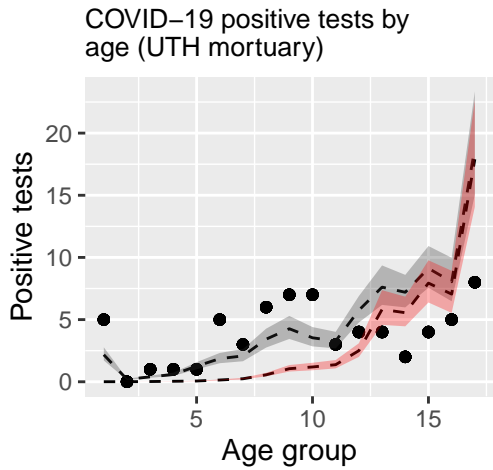
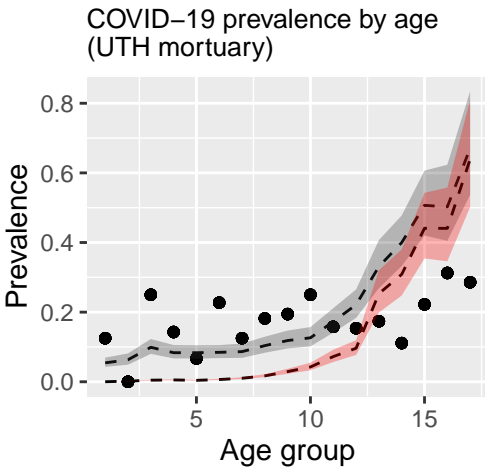
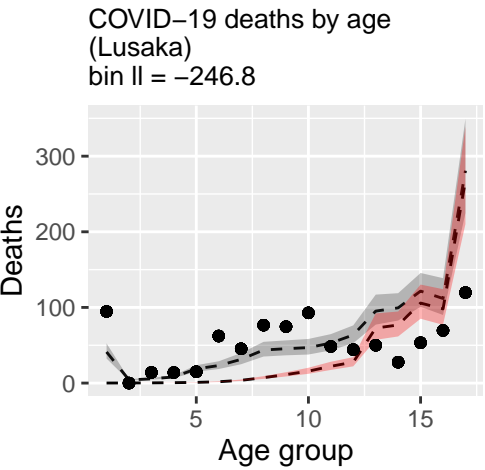
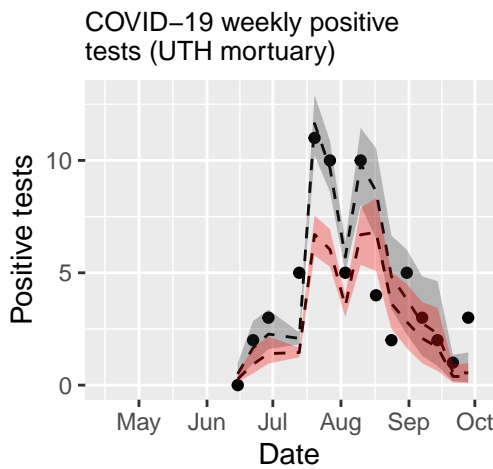
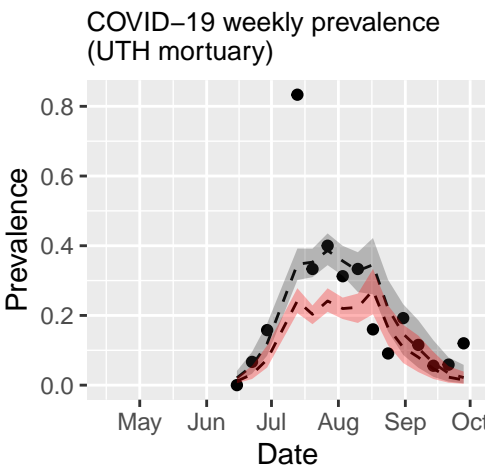
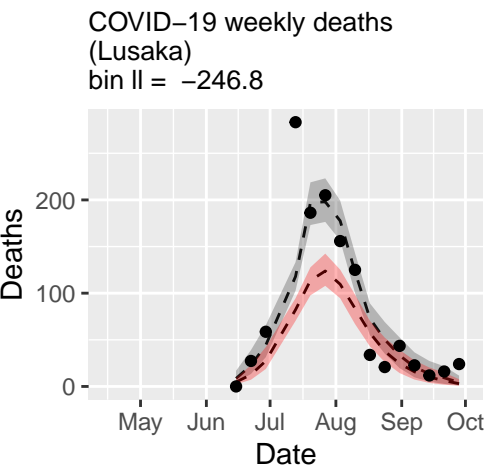


IFR x 0.2, Slope x 1.66666666666667  
COVID-19 weekly deaths (Mortuary)  
pois ll = -765.8



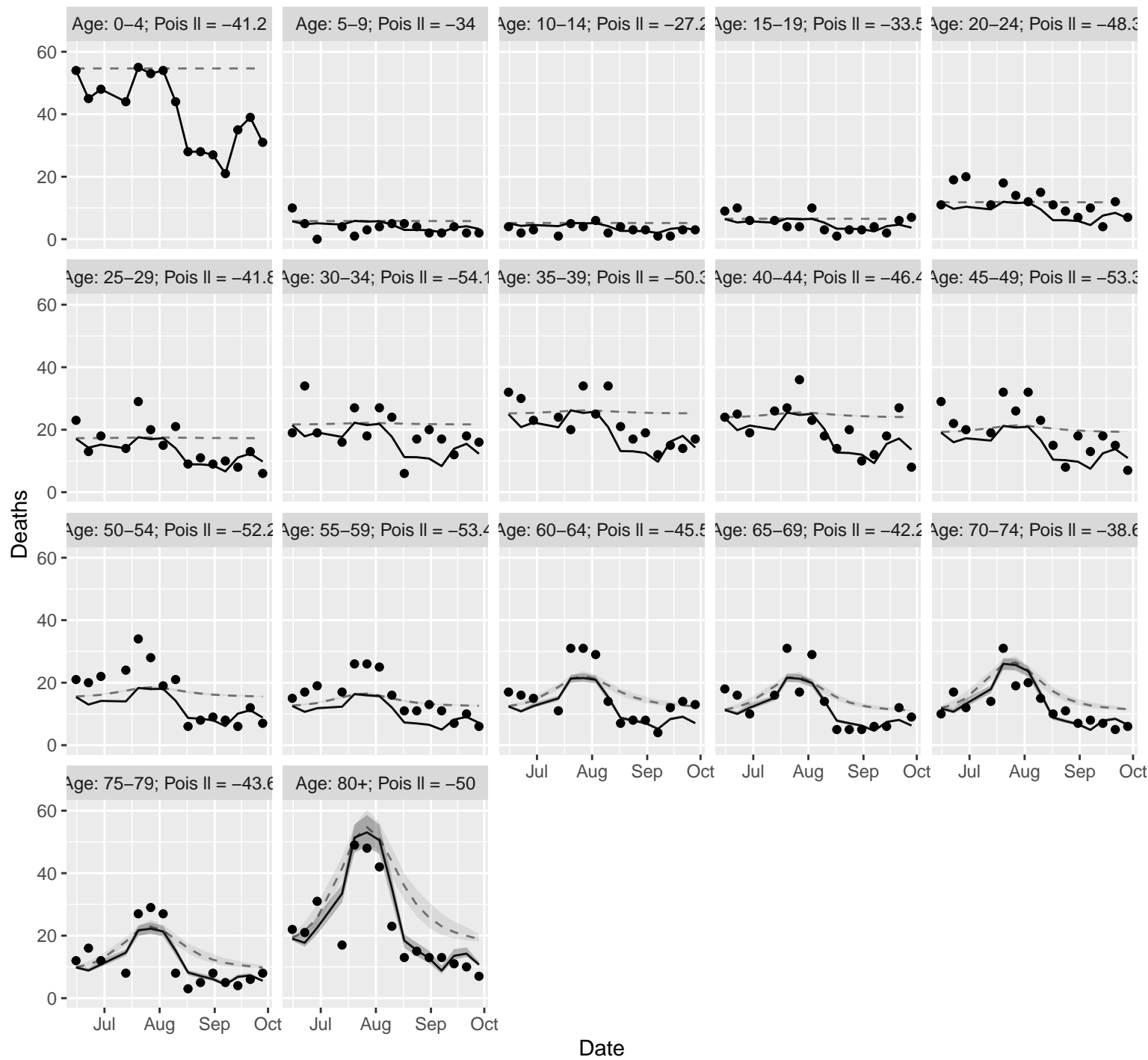
IFR x 0.2, Slope x 1.66666666666667  
Modelled COVID-19 Combined prevalence Lusaka



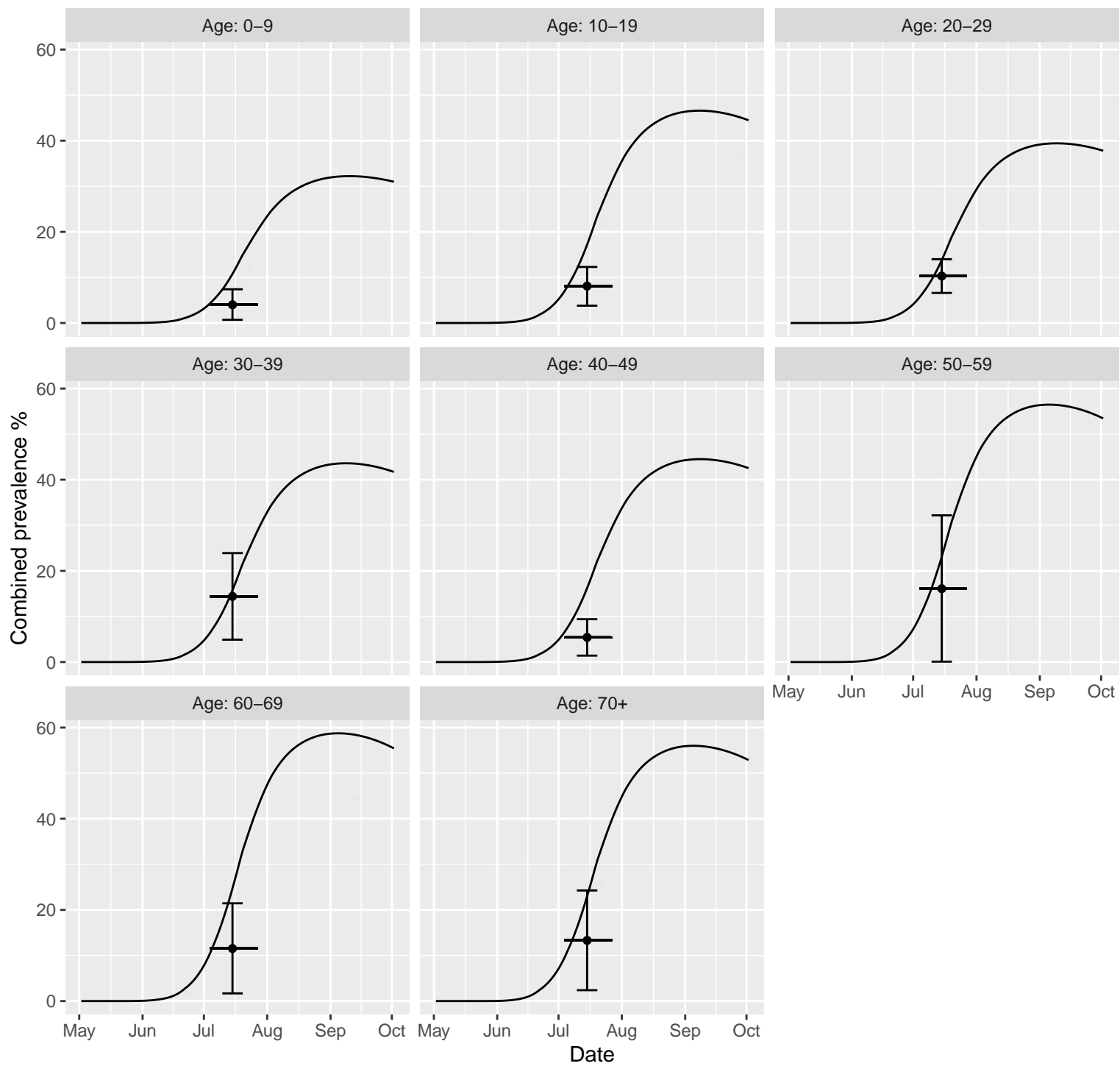


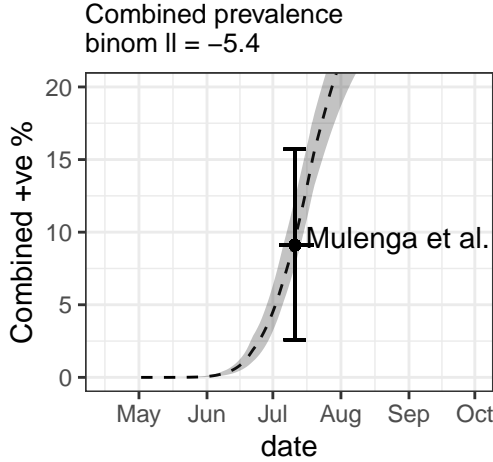
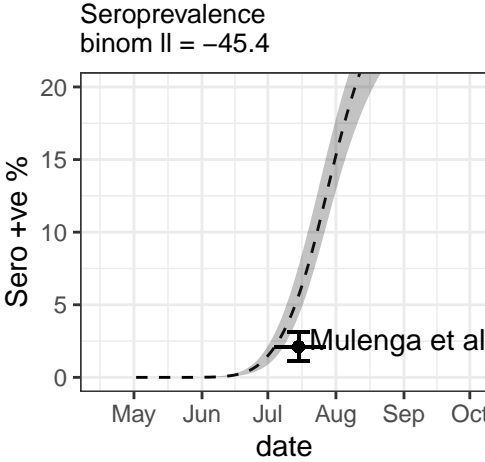
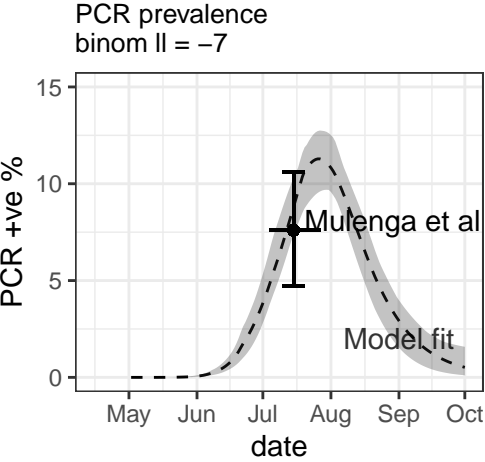
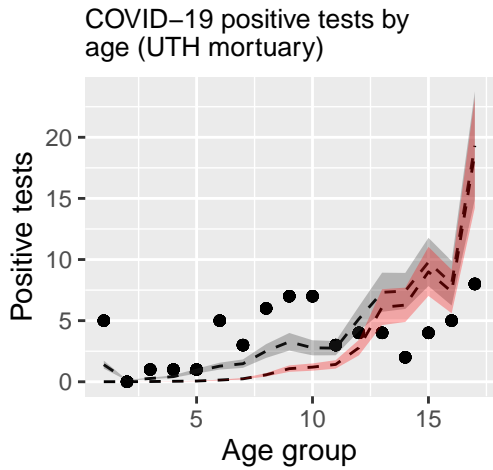
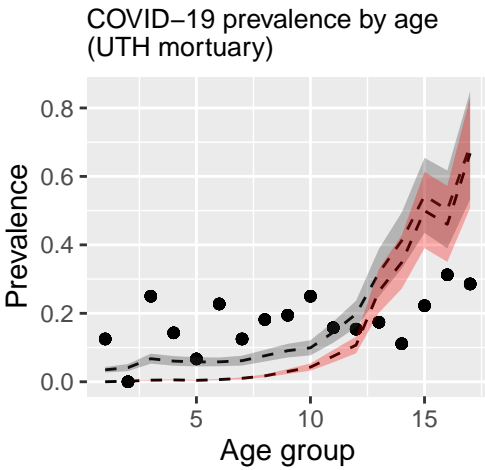
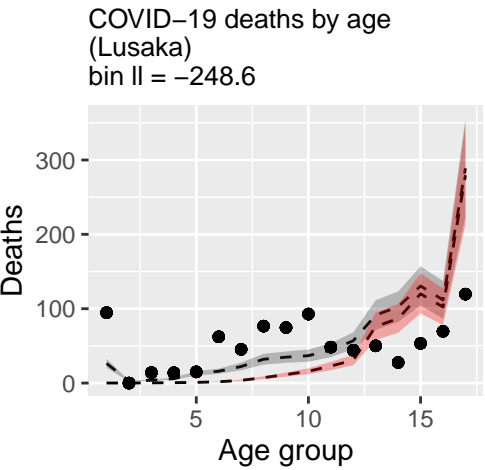
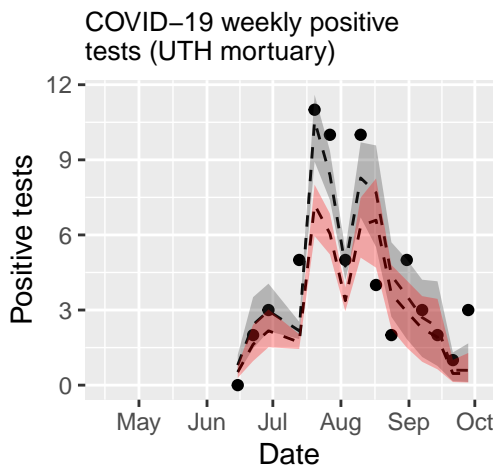
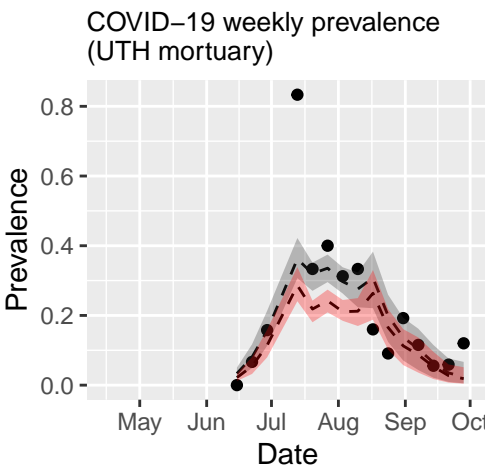
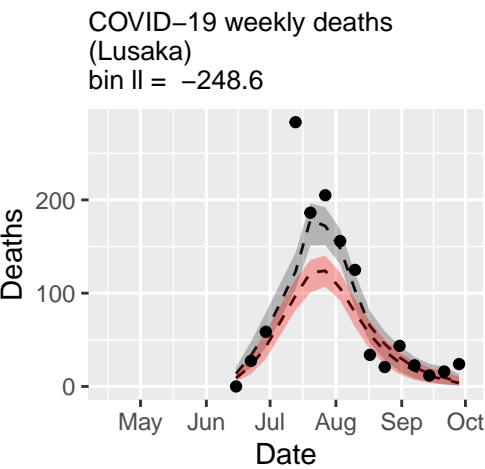


IFR x 0.4, Slope x 1.66666666666667  
COVID-19 weekly deaths (Mortuary)  
pois ll = -755.7

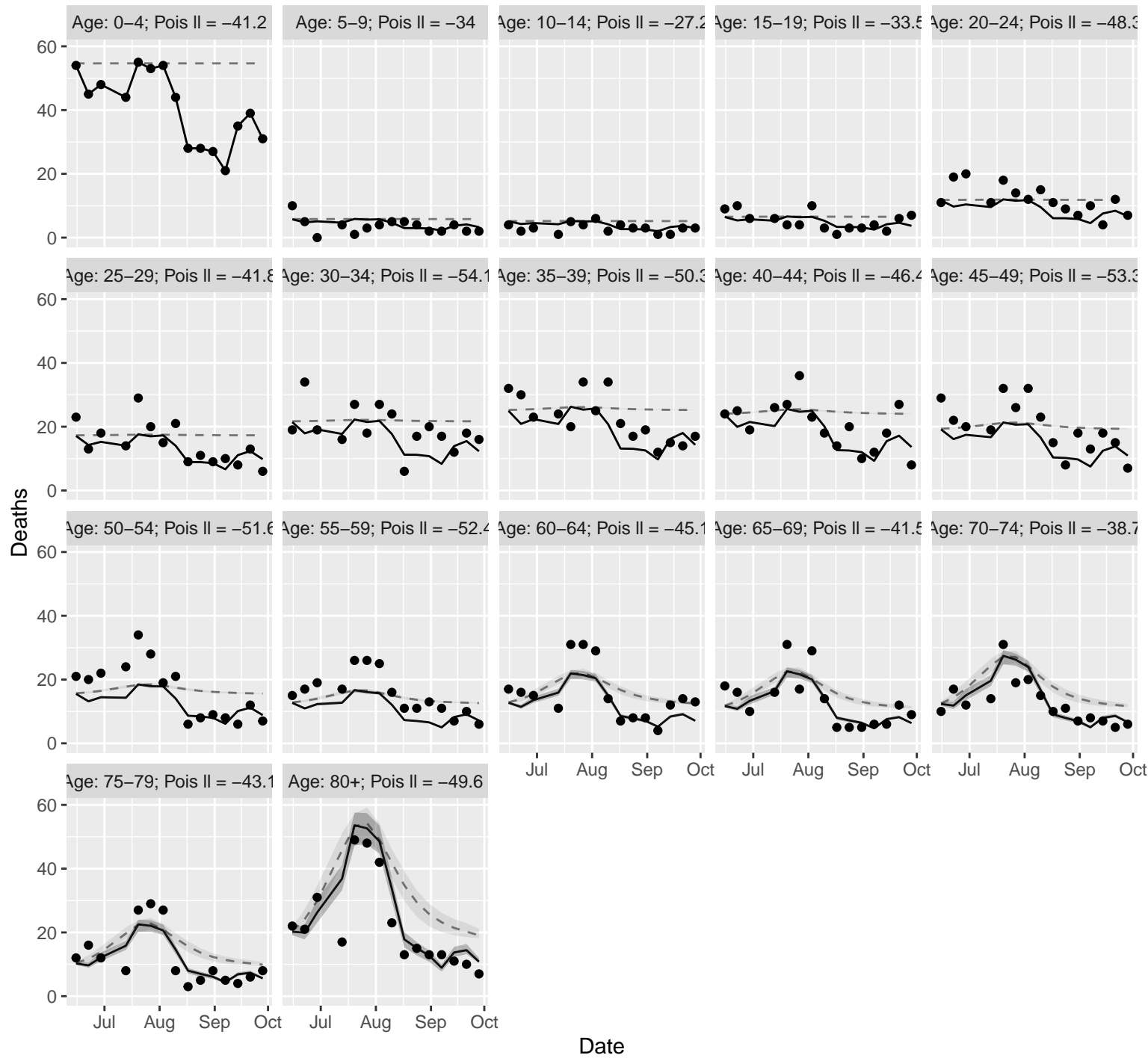


IFR x 0.4, Slope x 1.66666666666667  
Modelled COVID-19 Combined prevalence Lusaka

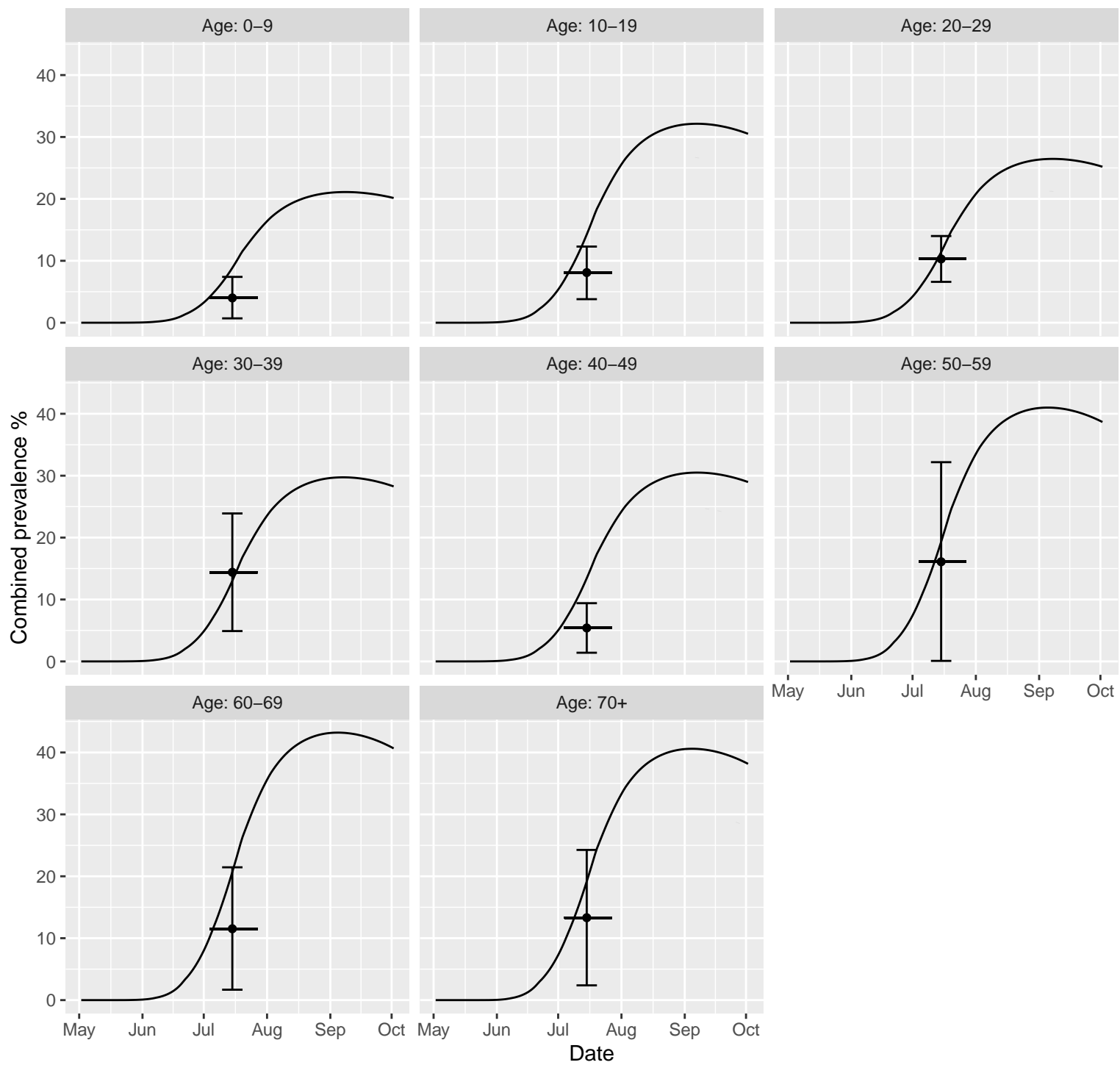


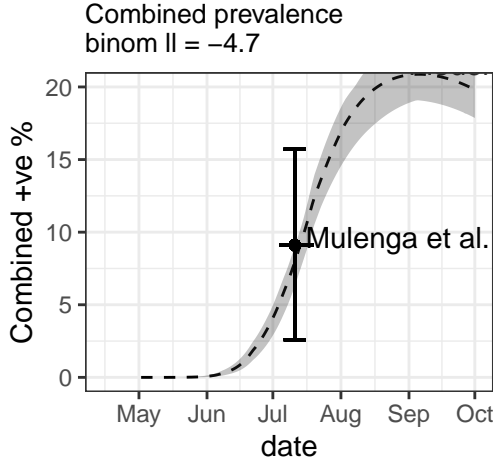
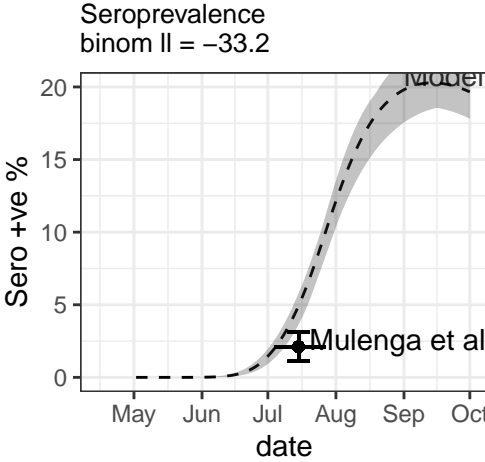
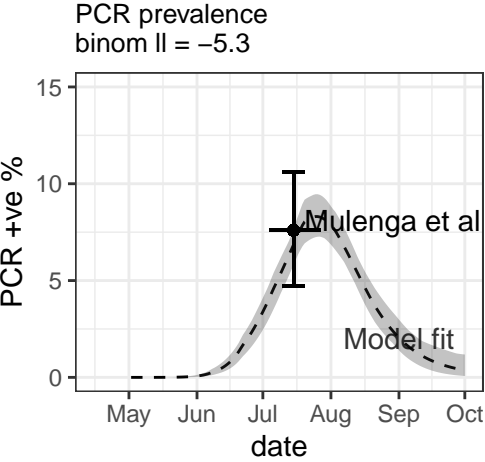
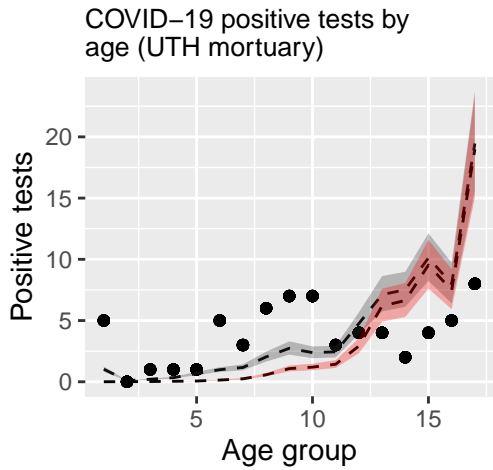
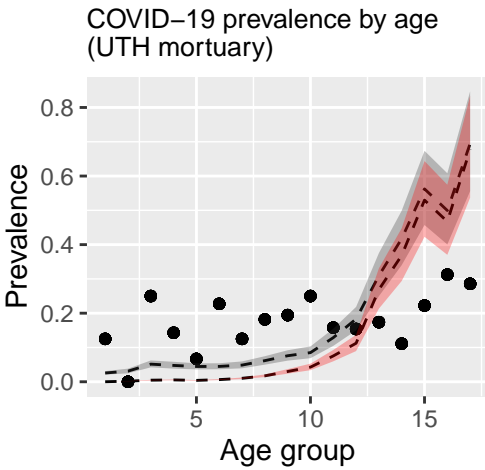
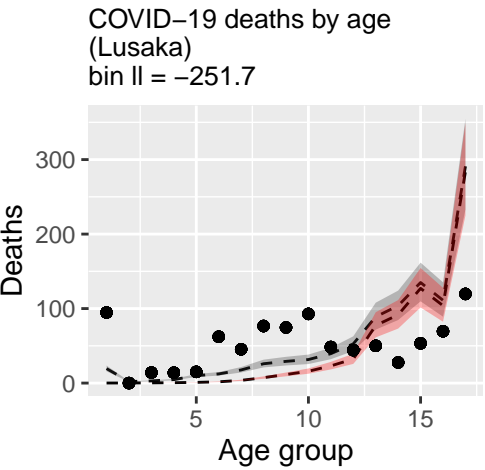
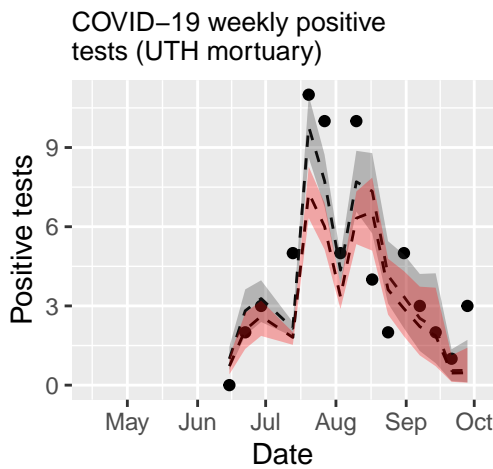
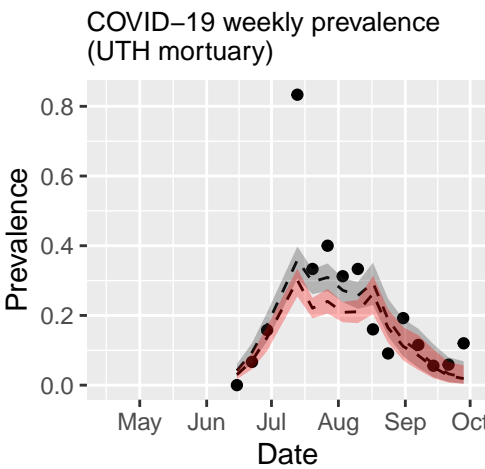
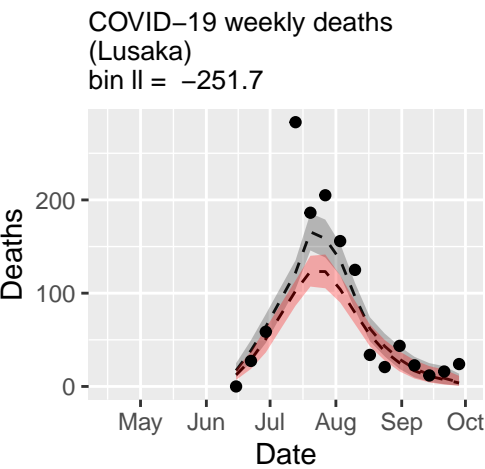


IFR x 0.6, Slope x 1.66666666666667  
COVID-19 weekly deaths (Mortuary)  
pois ll = -752.4

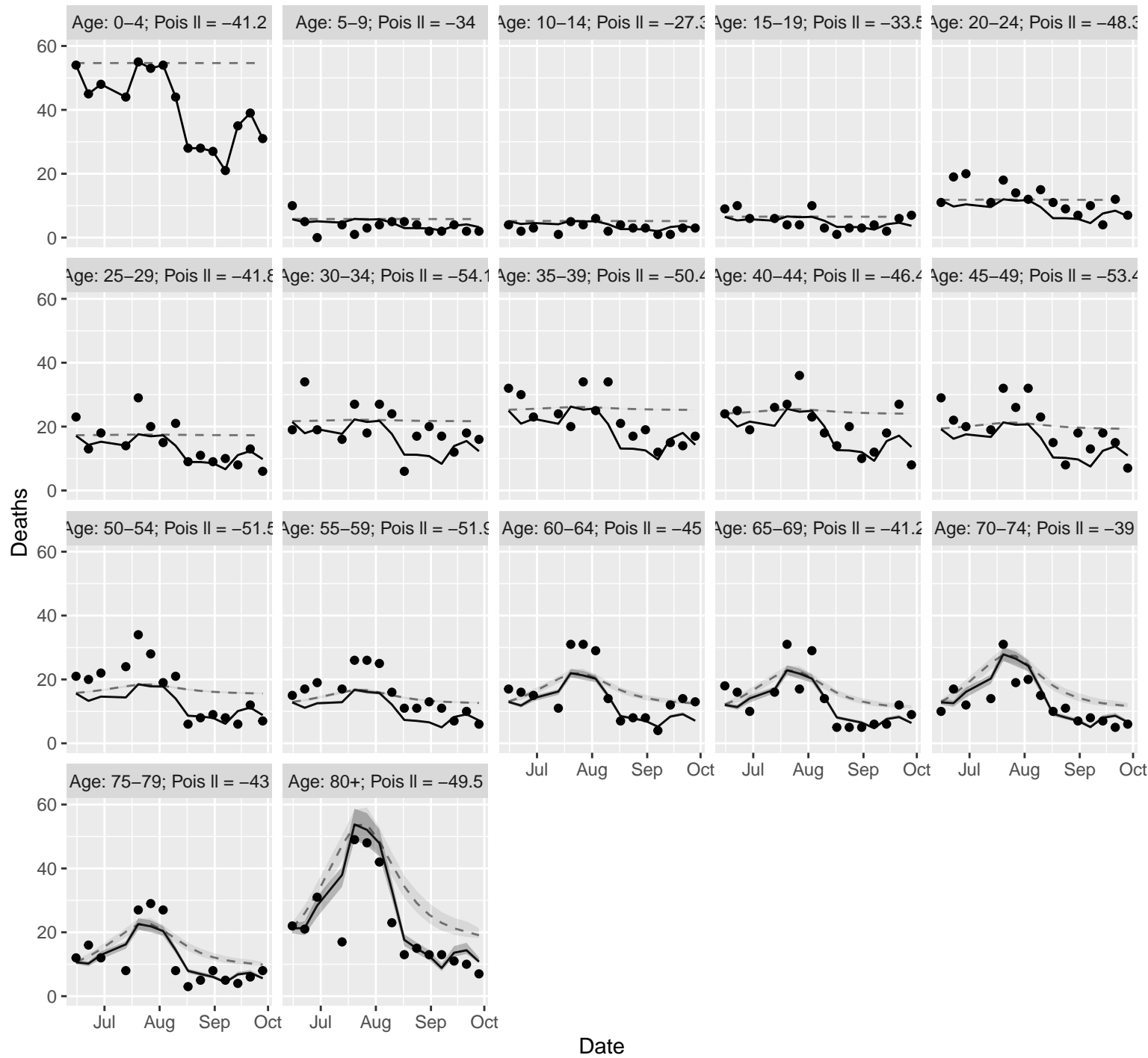


IFR x 0.6, Slope x 1.66666666666667  
Modelled COVID-19 Combined prevalence Lusaka

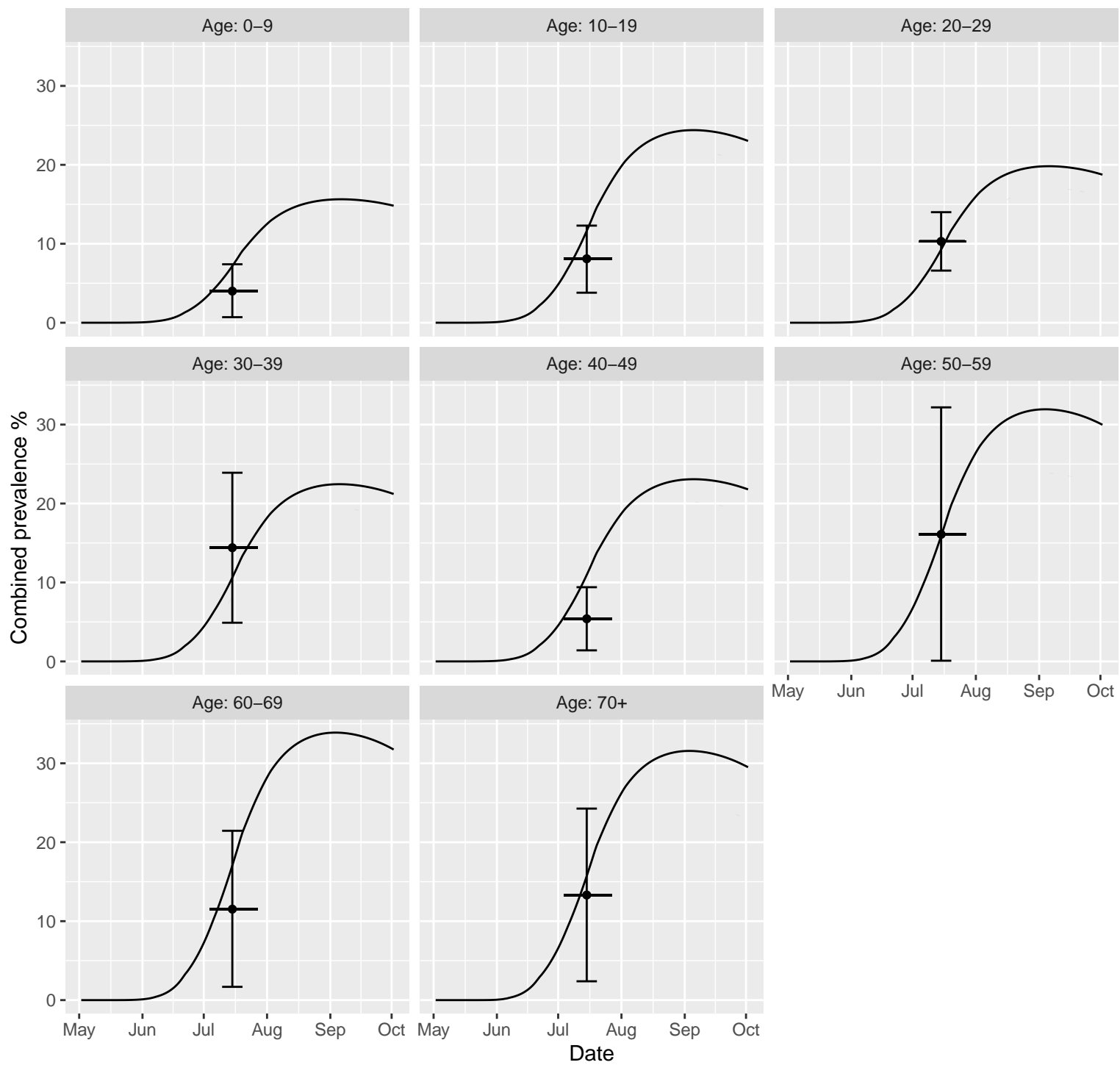




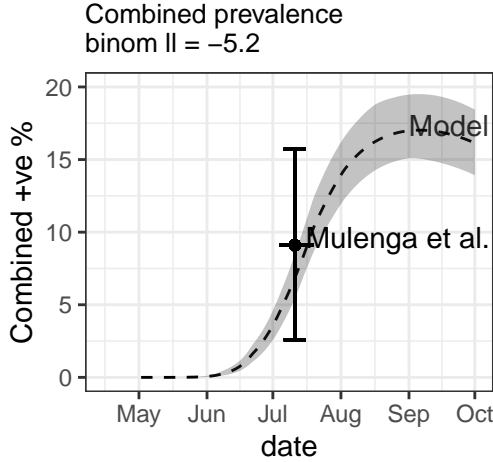
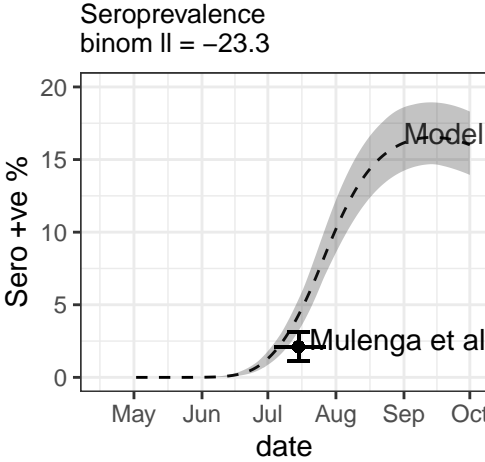
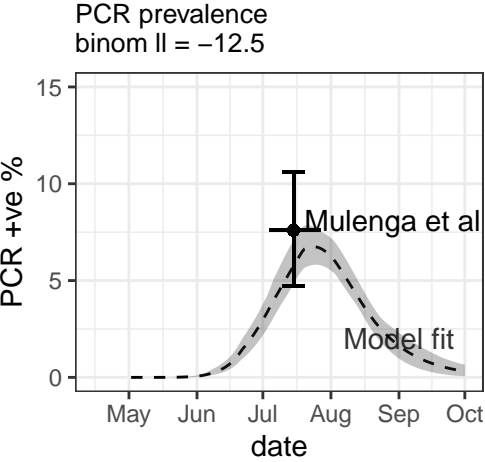
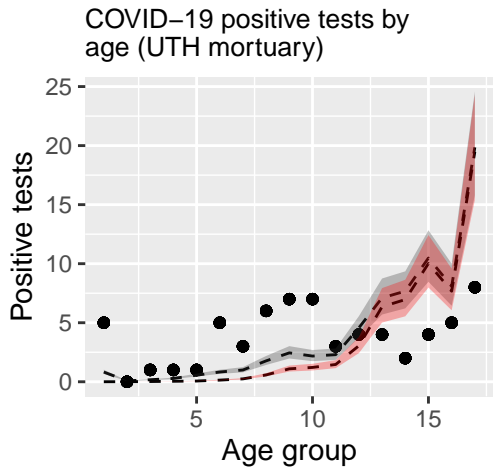
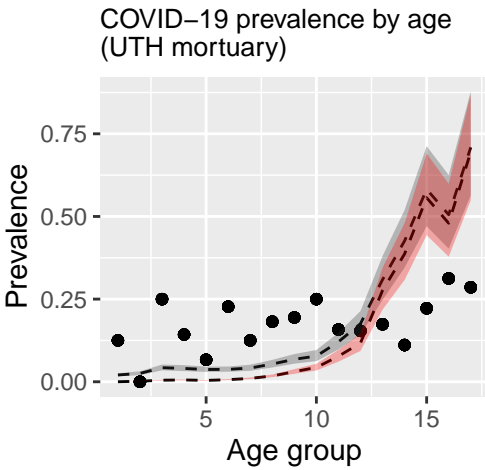
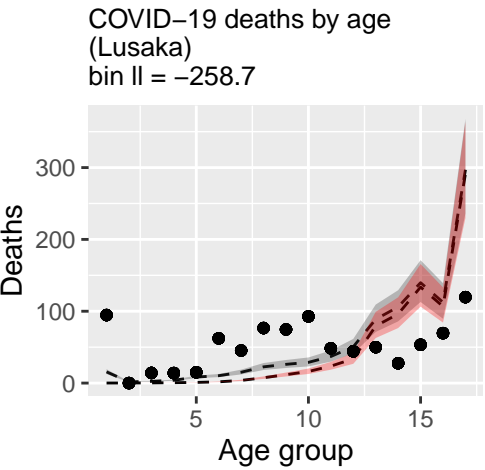
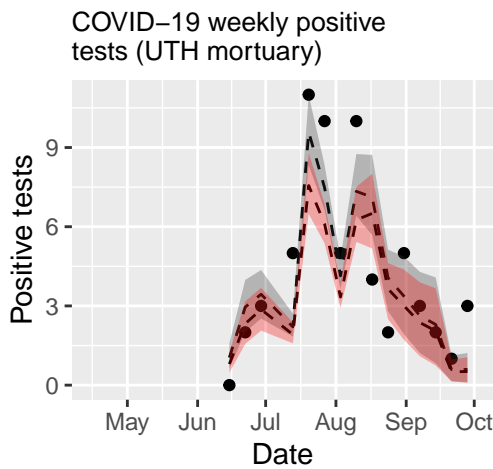
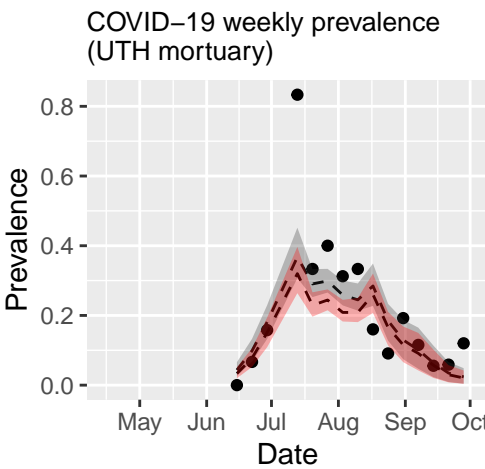
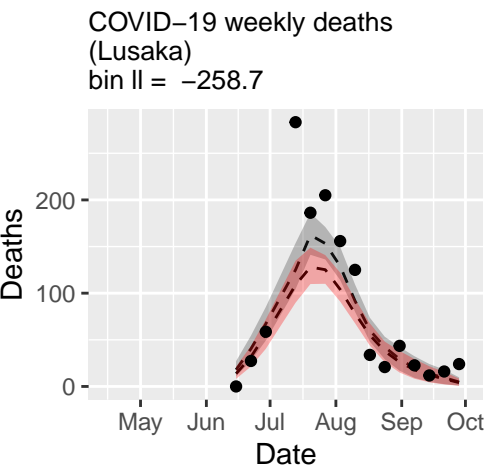
IFR x 0.8, Slope x 1.66666666666667  
COVID-19 weekly deaths (Mortuary)  
pois ll = -751.5



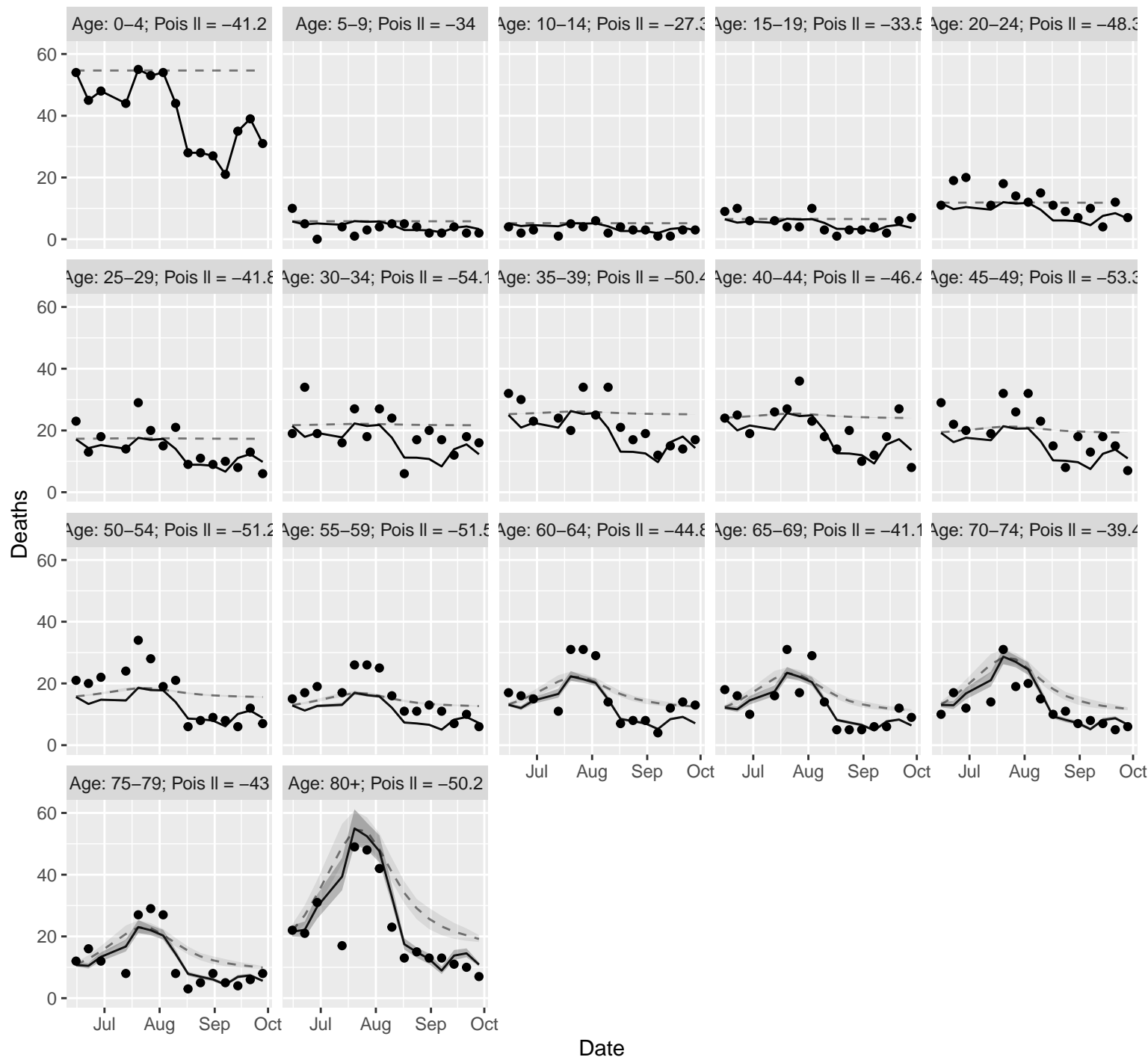
IFR x 0.8, Slope x 1.66666666666667  
Modelled COVID-19 Combined prevalence Lusaka



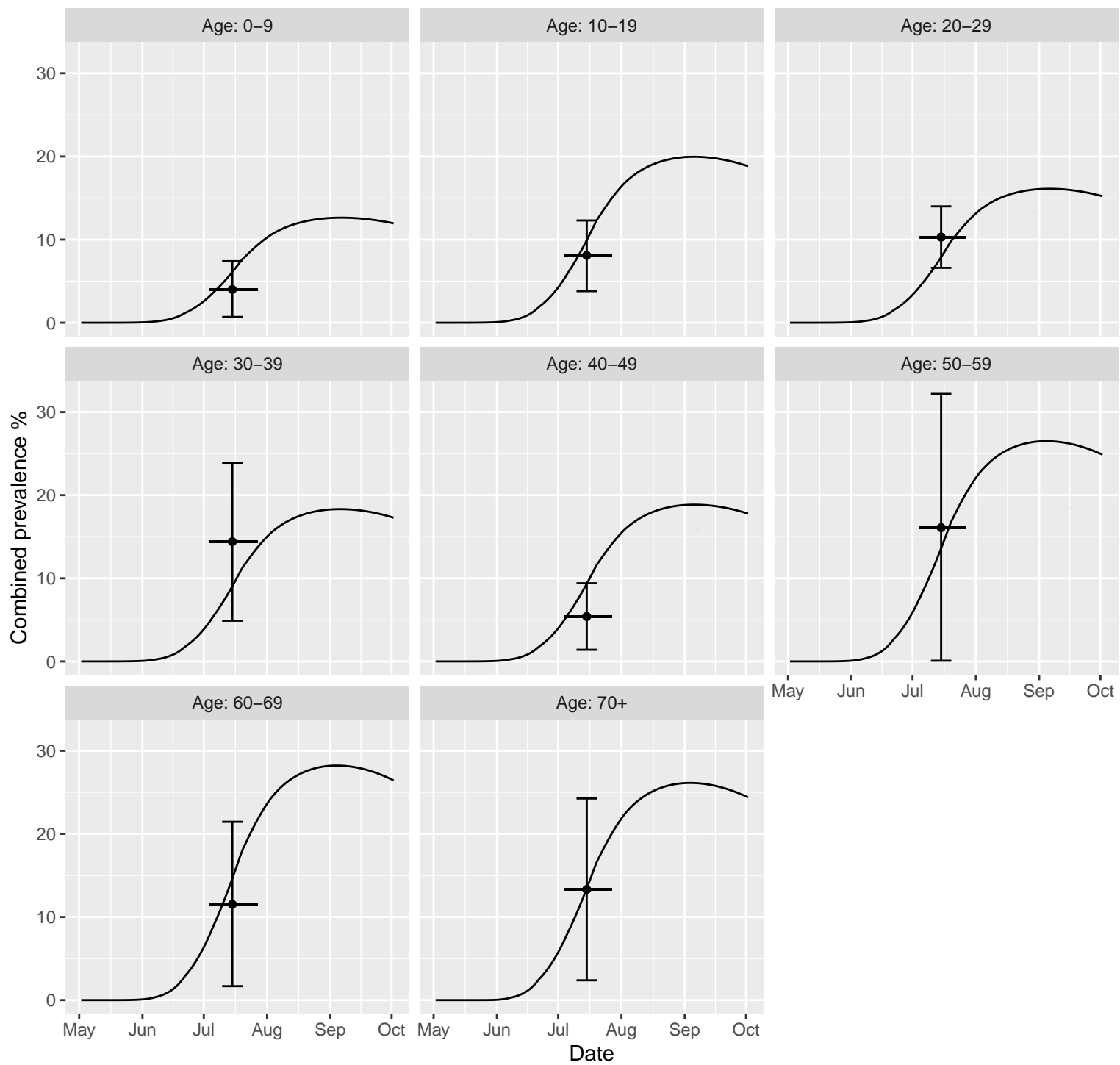


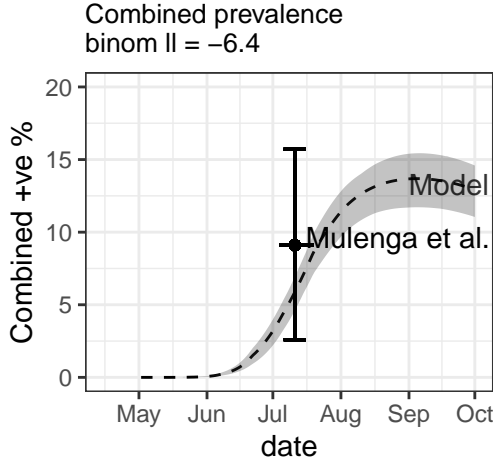
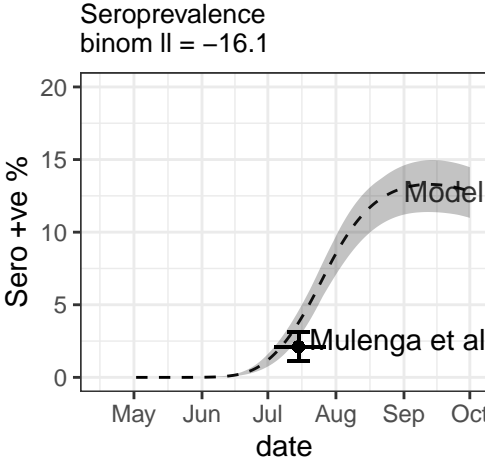
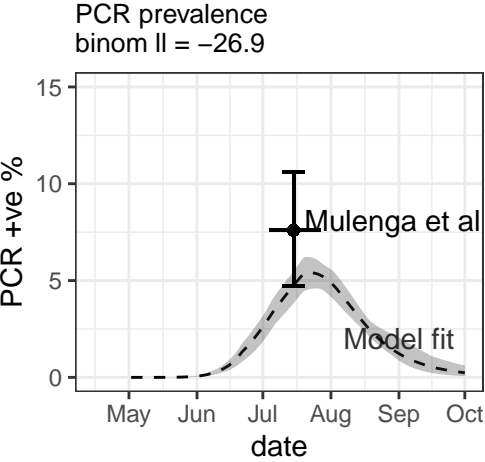
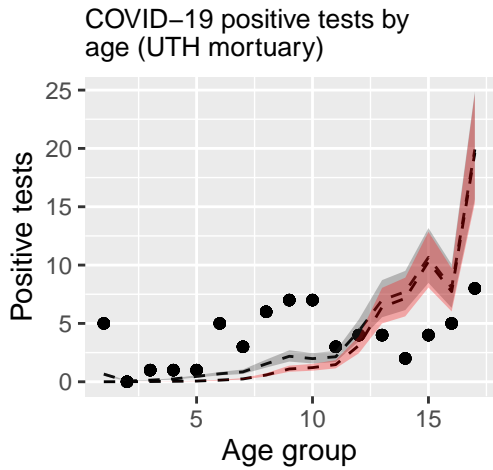
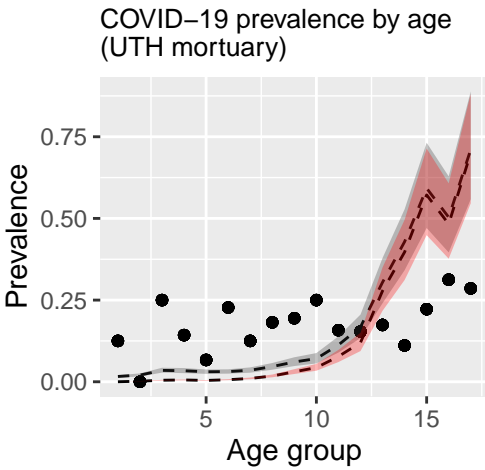
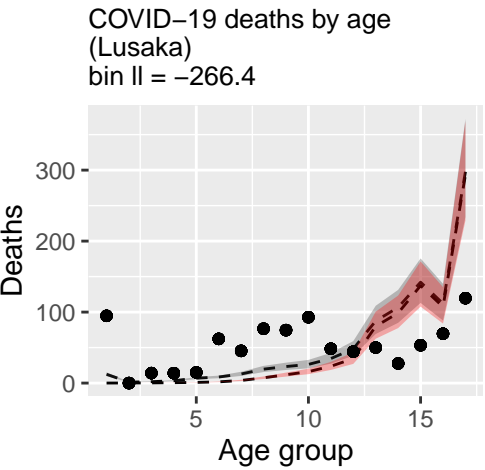
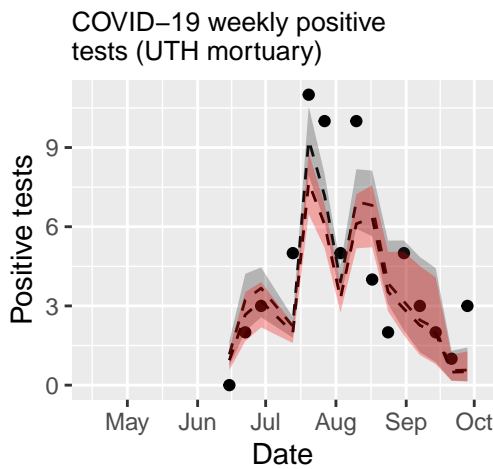
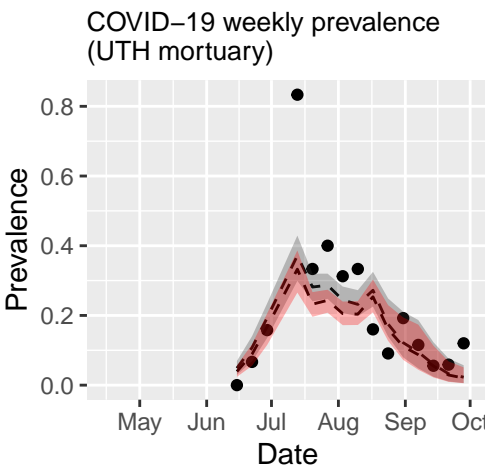
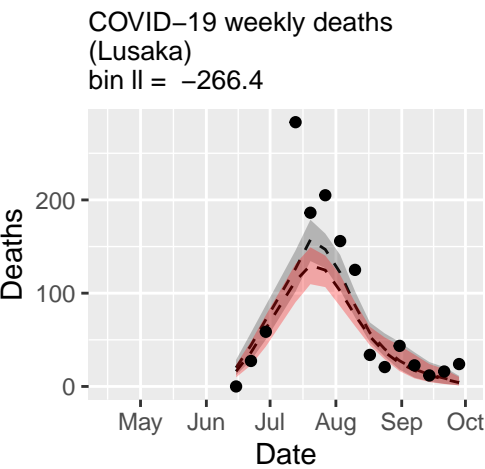


IFR x 1, Slope x 1.66666666666667  
COVID-19 weekly deaths (Mortuary)  
pois ll = -751.5

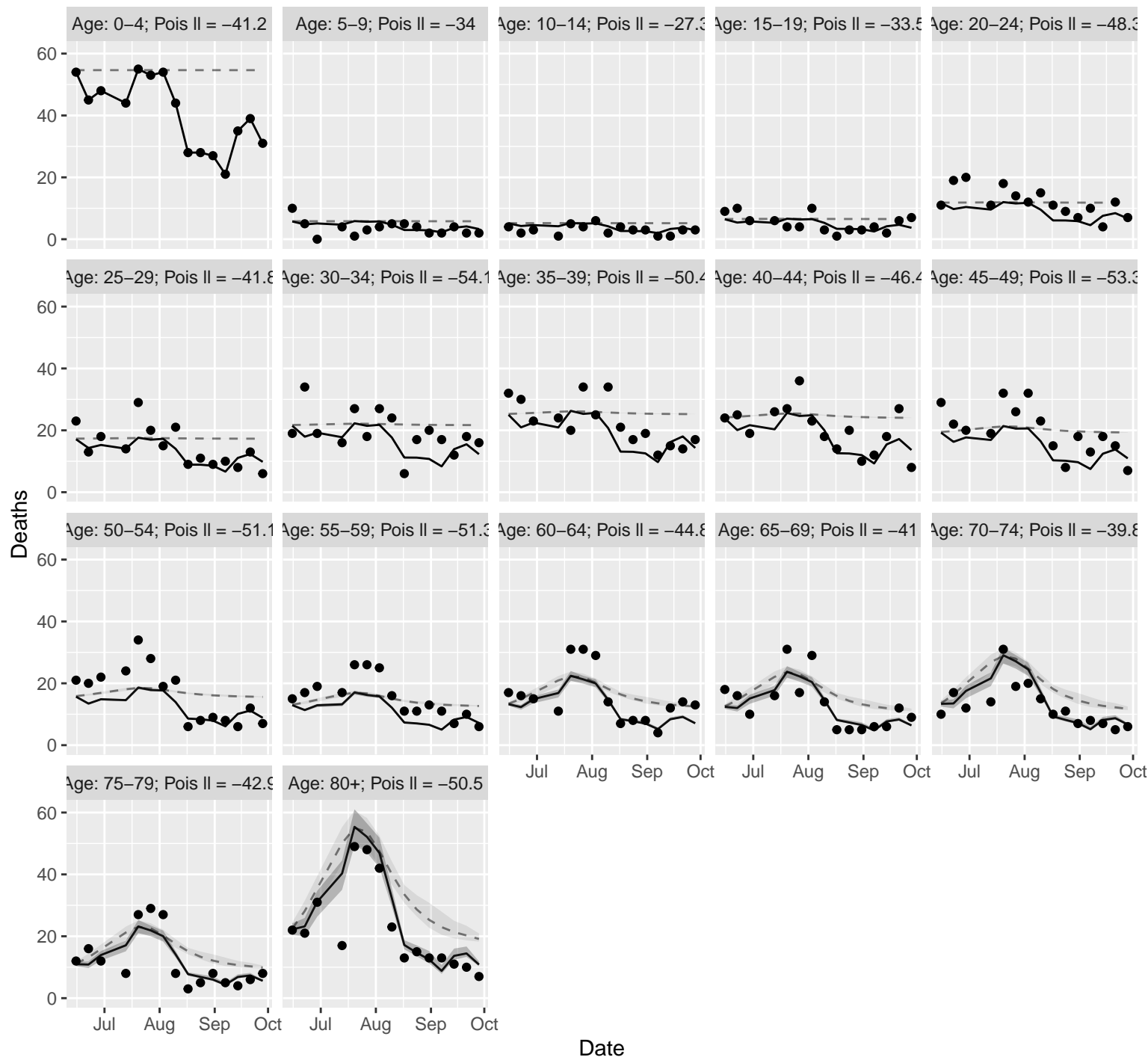


IFR x 1, Slope x 1.66666666666667  
Modelled COVID-19 Combined prevalence Lusaka

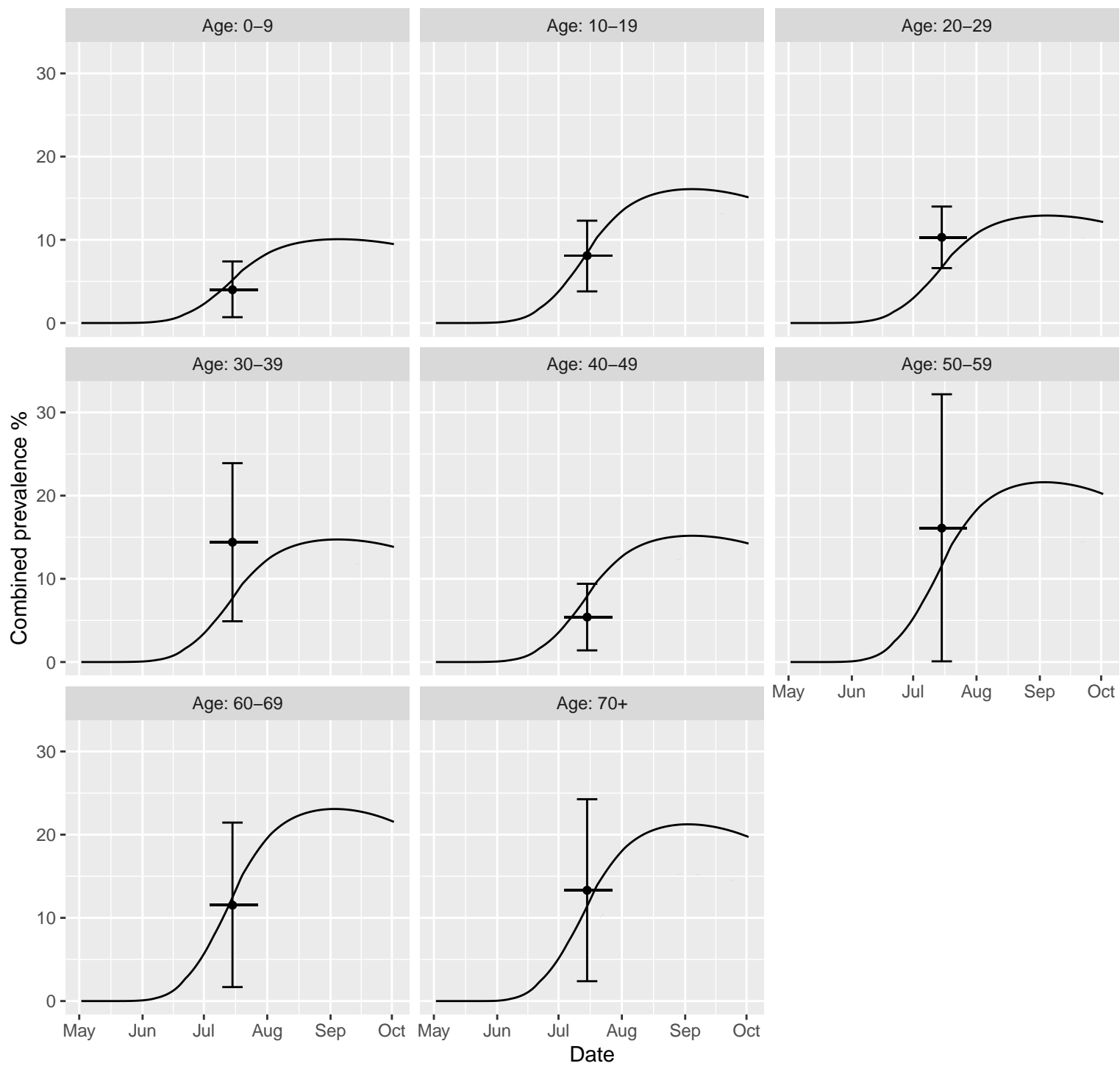


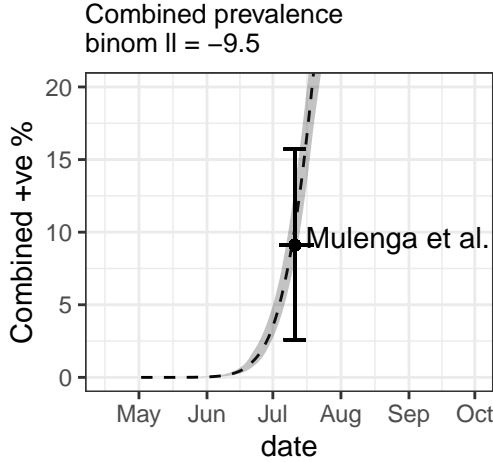
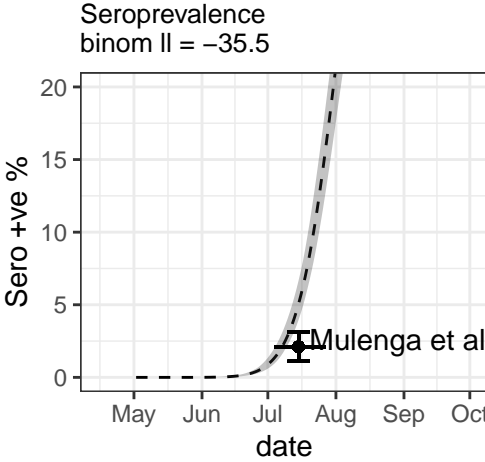
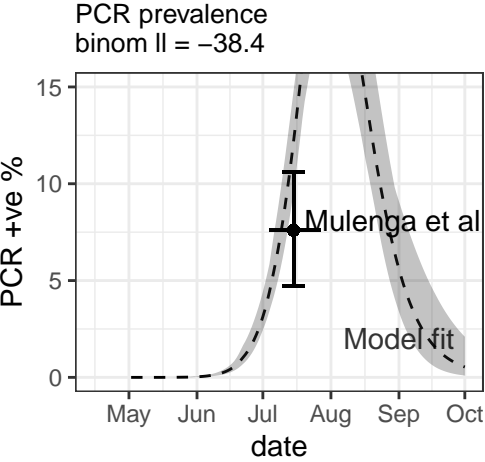
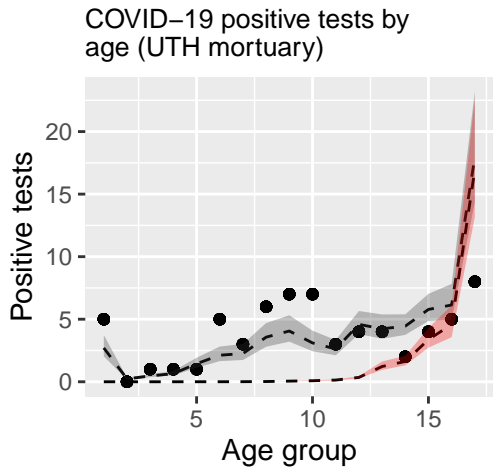
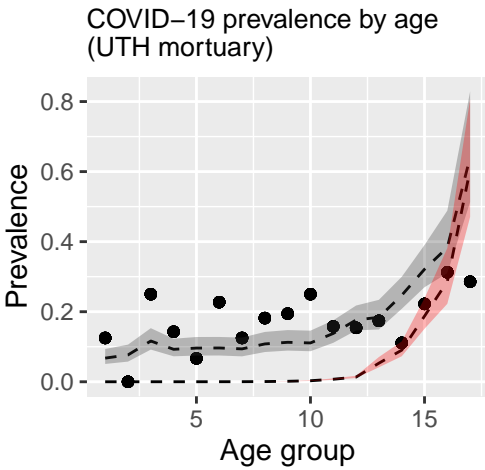
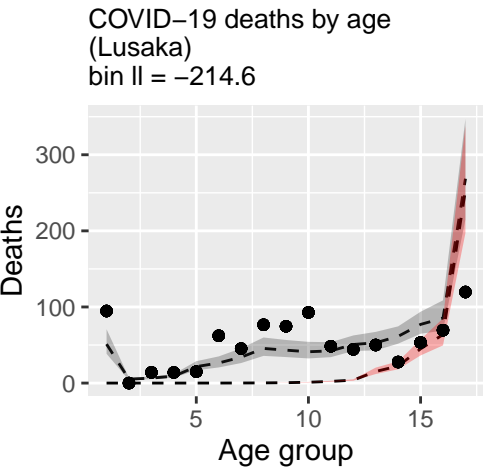
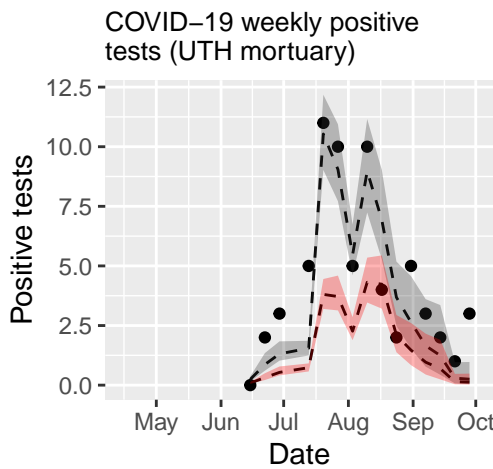
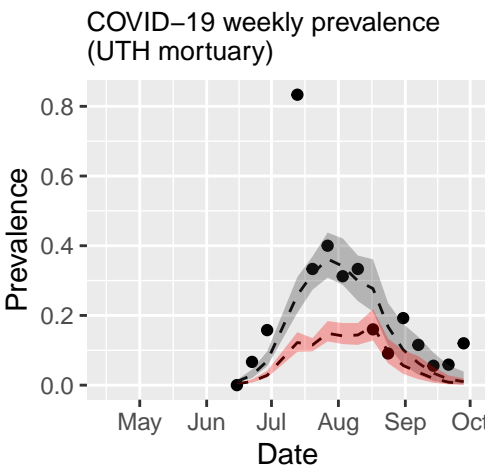
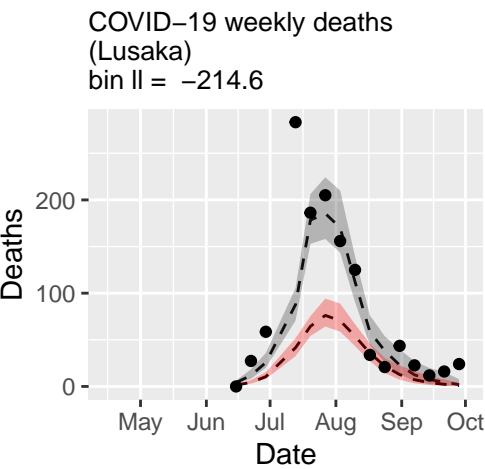


IFR x 1.25, Slope x 1.66666666666667  
COVID-19 weekly deaths (Mortuary)  
pois ll = -751.7

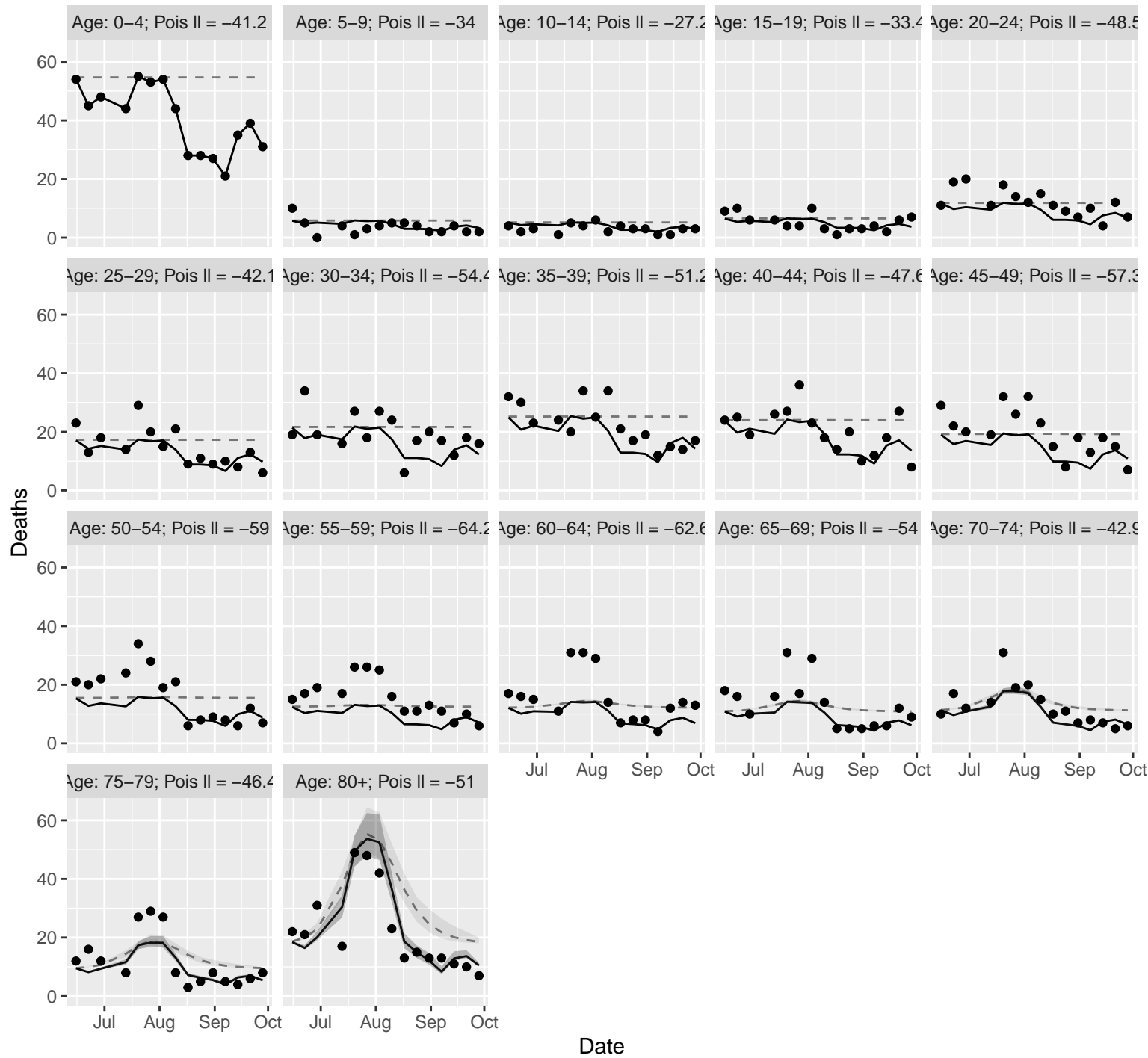


IFR x 1.25, Slope x 1.66666666666667  
Modelled COVID-19 Combined prevalence Lusaka



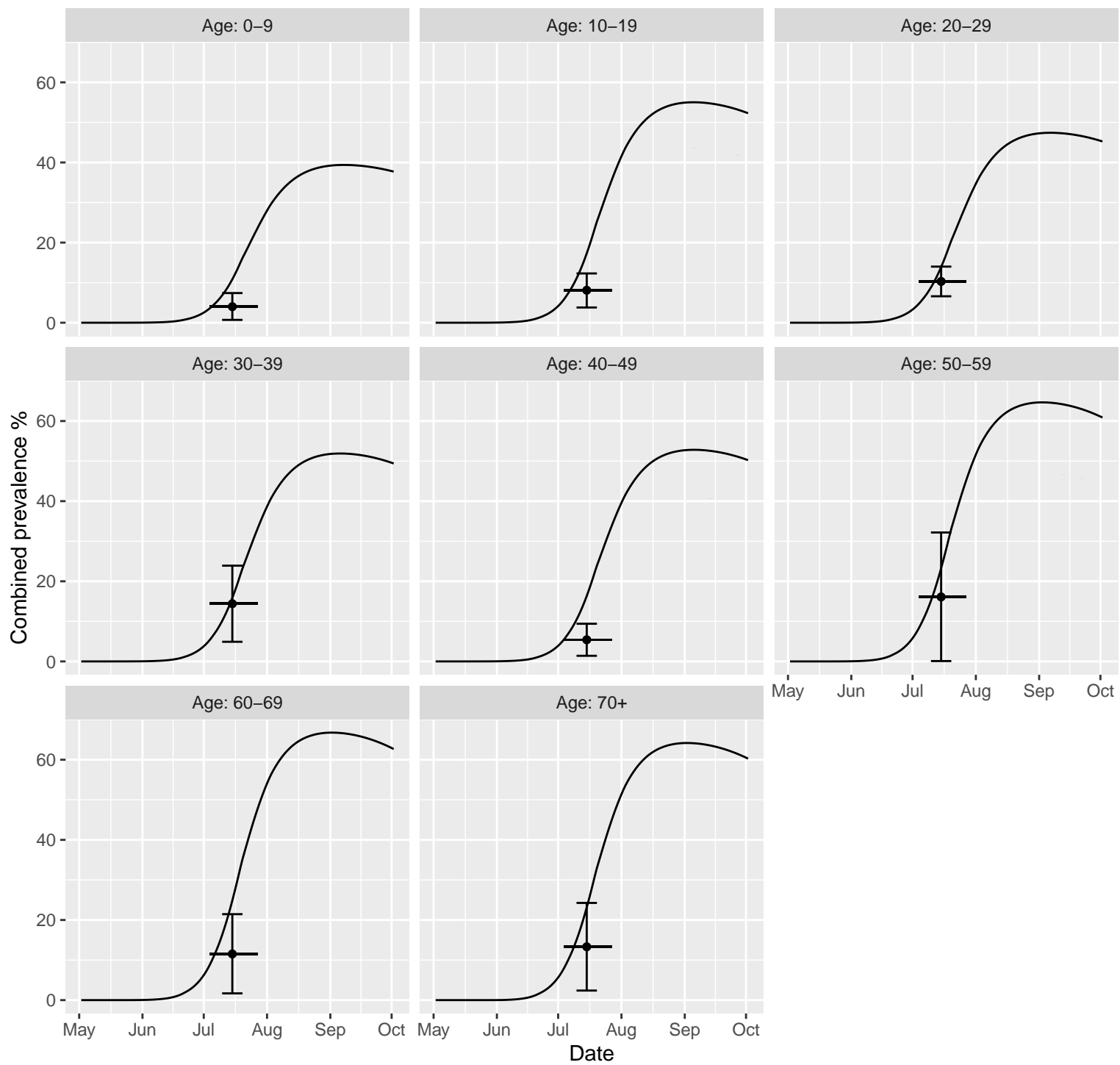


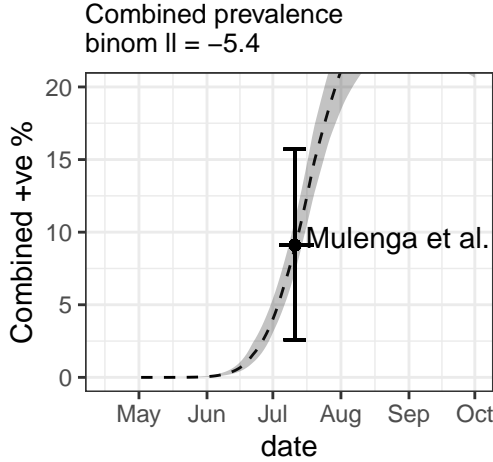
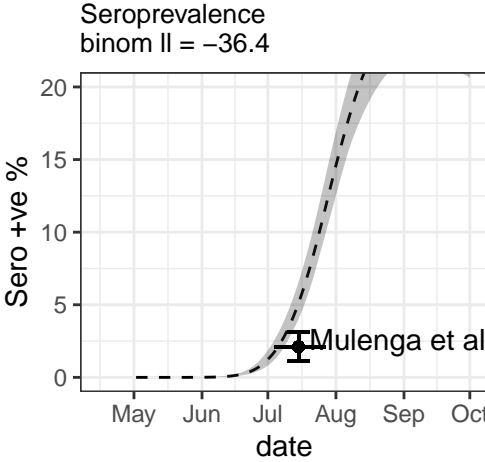
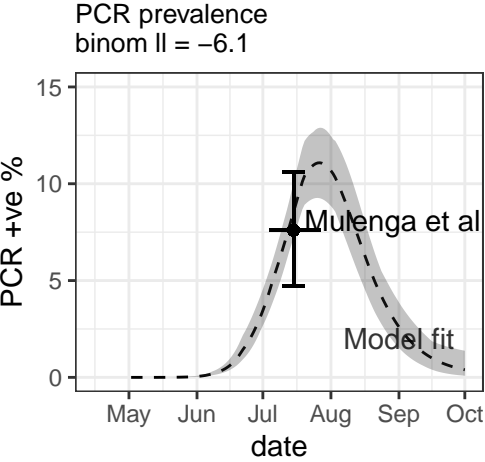
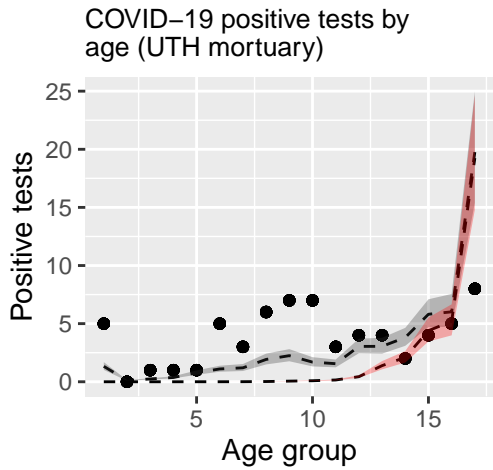
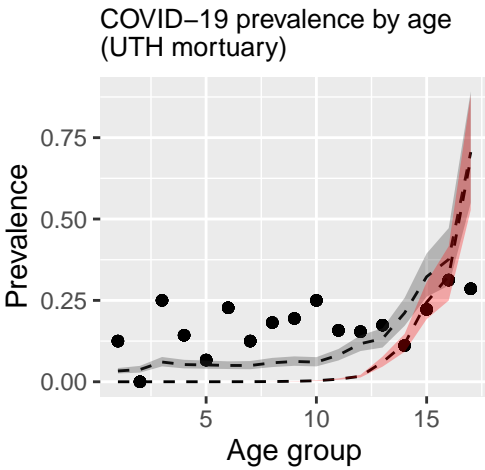
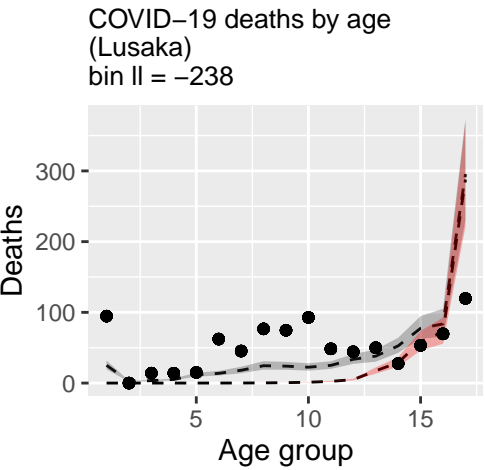
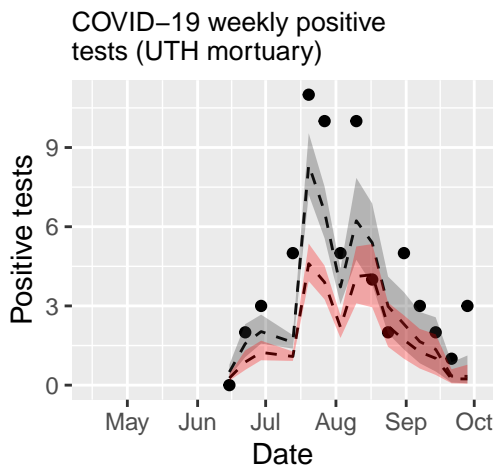
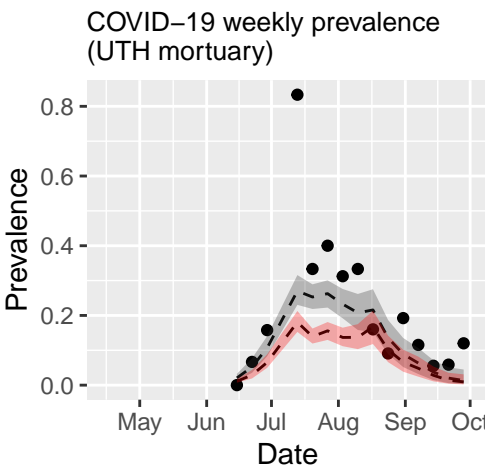
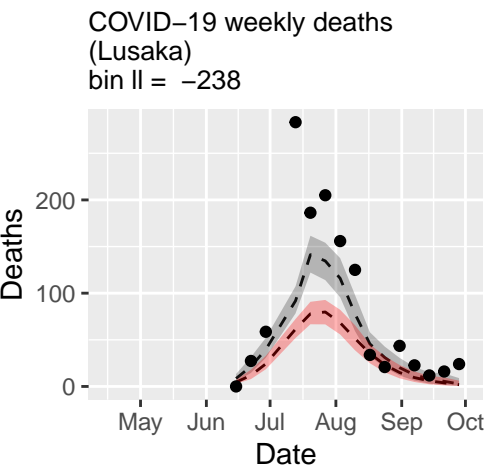
IFR x 0.2, Slope x 2.5  
 COVID-19 weekly deaths (Mortuary)  
 pois ll = -817.1



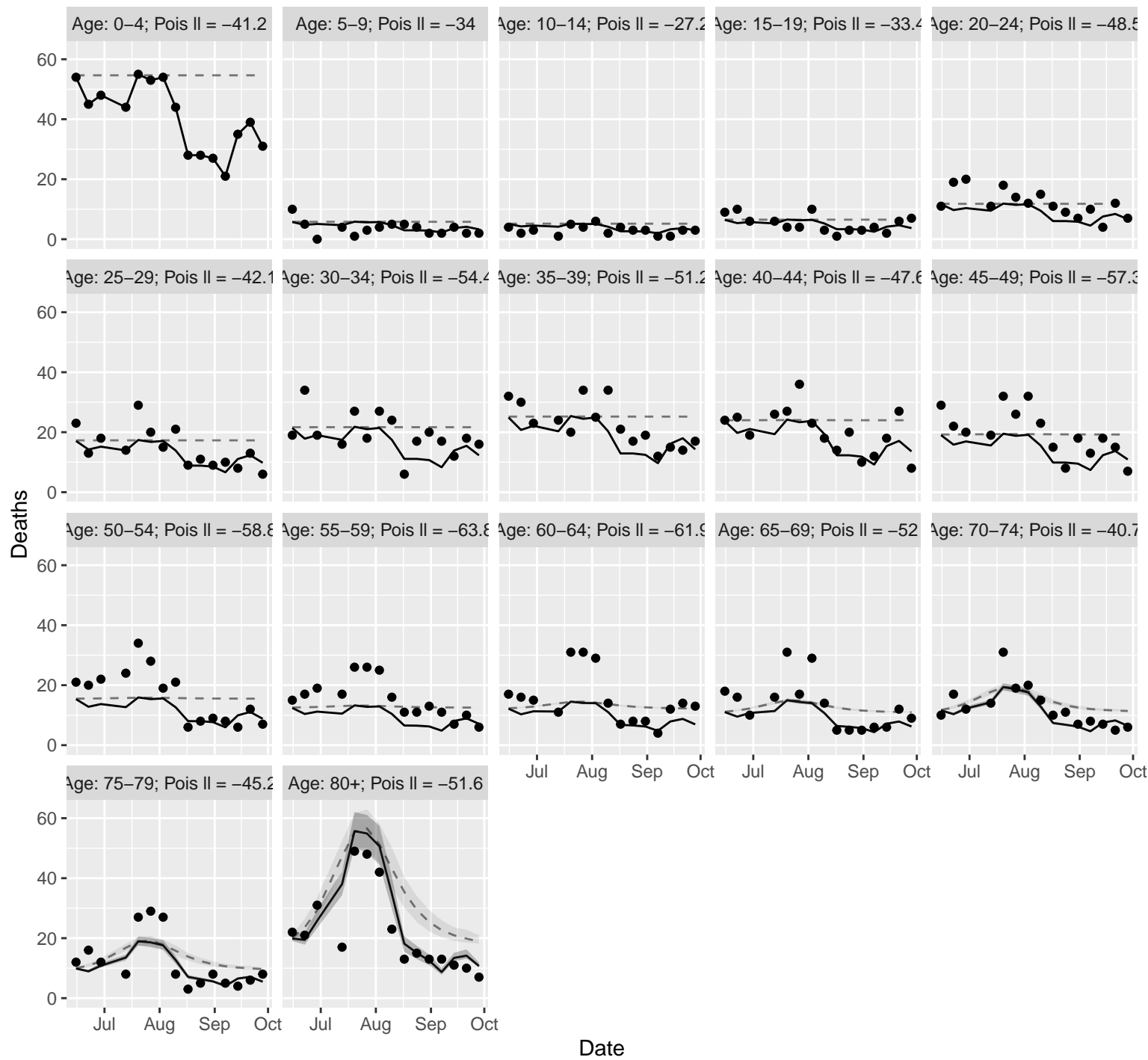


IFR x 0.2, Slope x 2.5  
Modelled COVID-19 Combined prevalence Lusaka

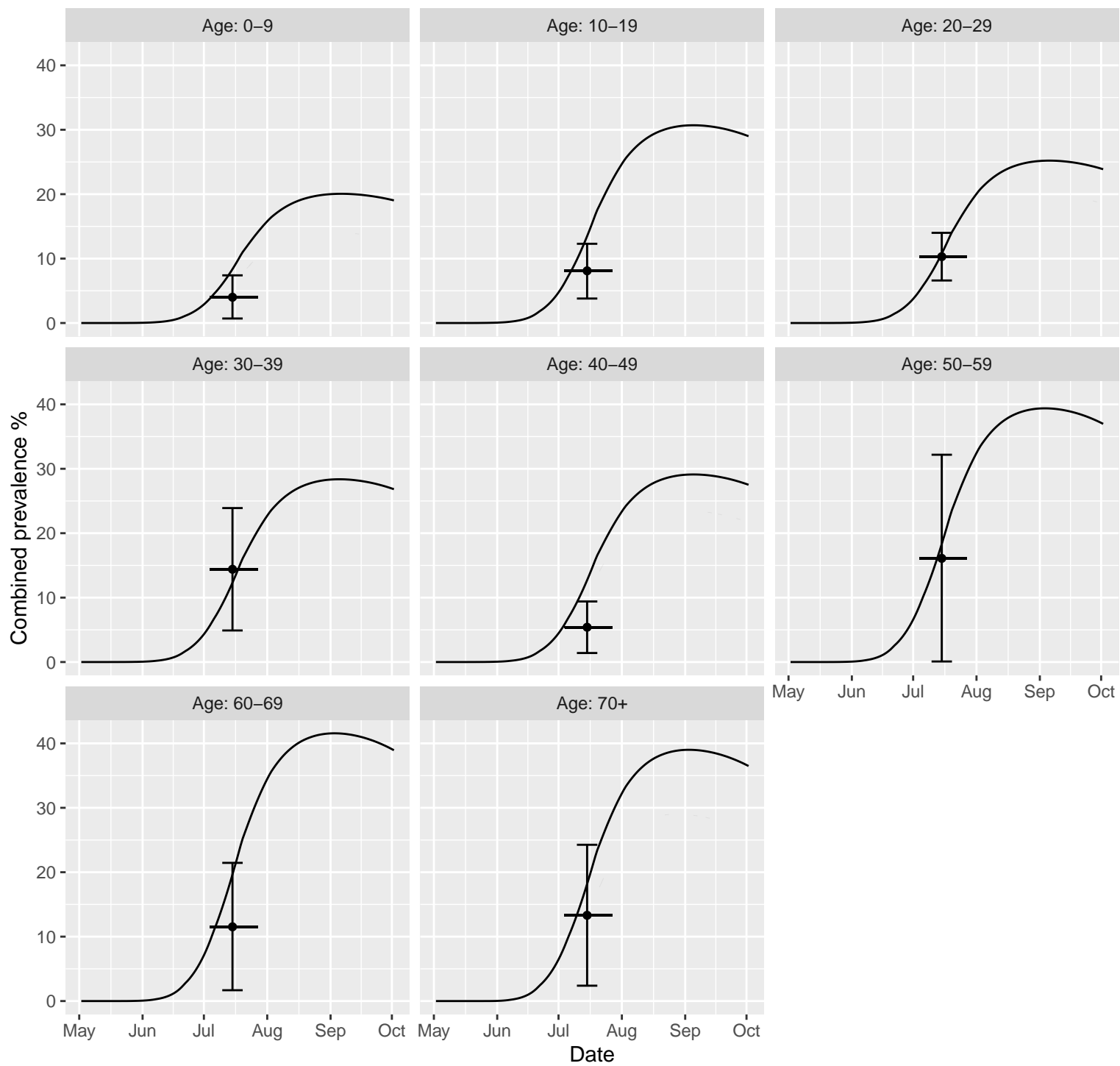


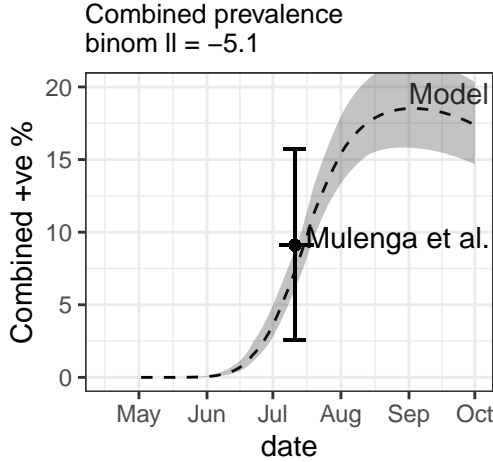
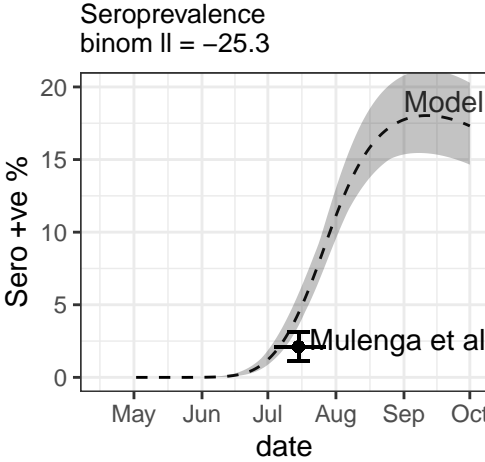
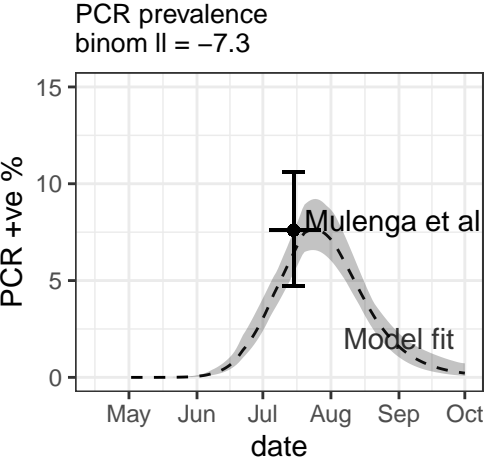
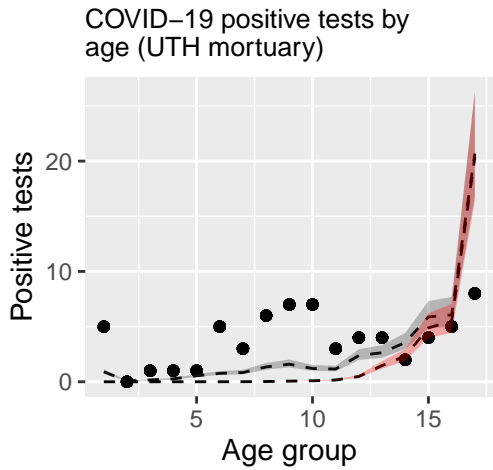
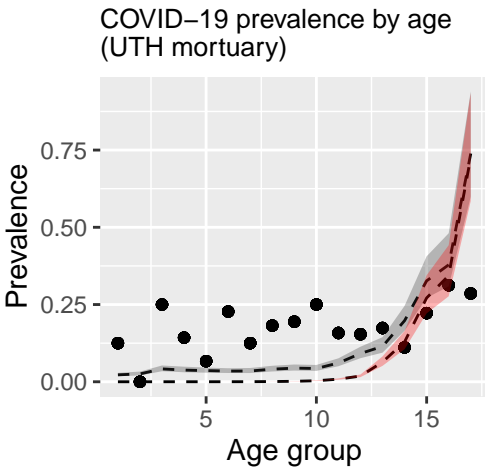
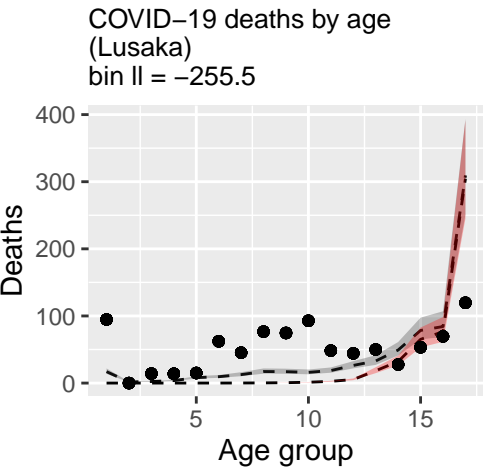
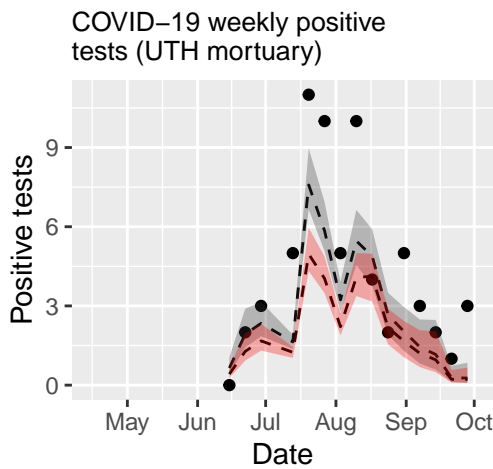
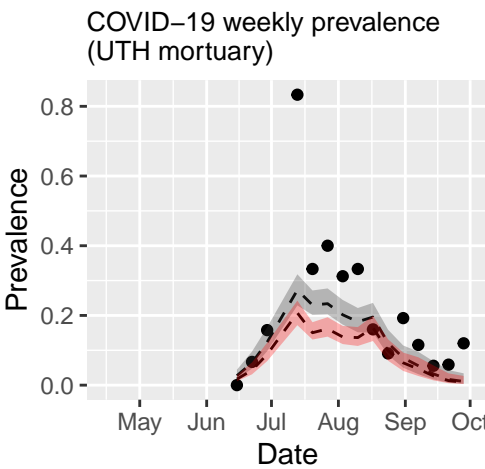
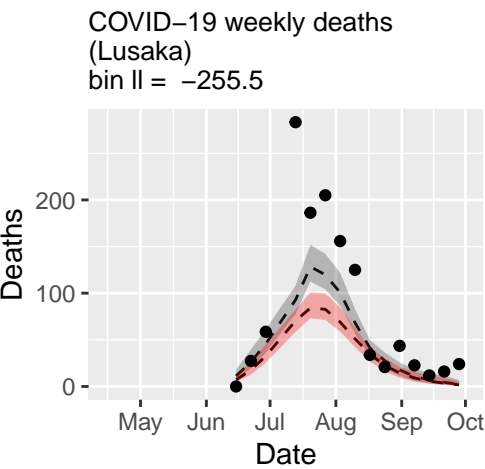


IFR x 0.4, Slope x 2.5  
 COVID-19 weekly deaths (Mortuary)  
 pois ll = -810.9

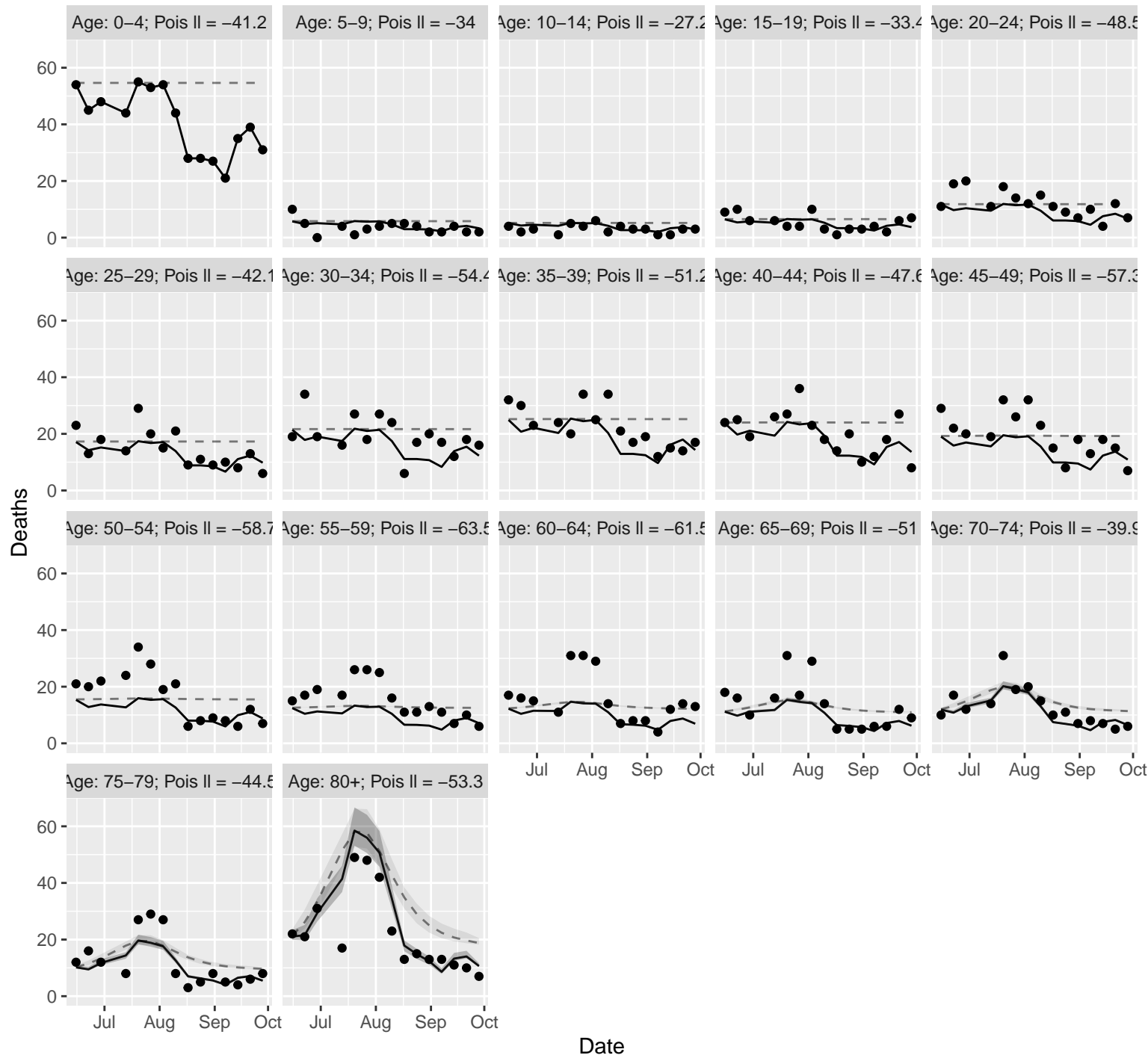


IFR x 0.4, Slope x 2.5  
Modelled COVID-19 Combined prevalence Lusaka

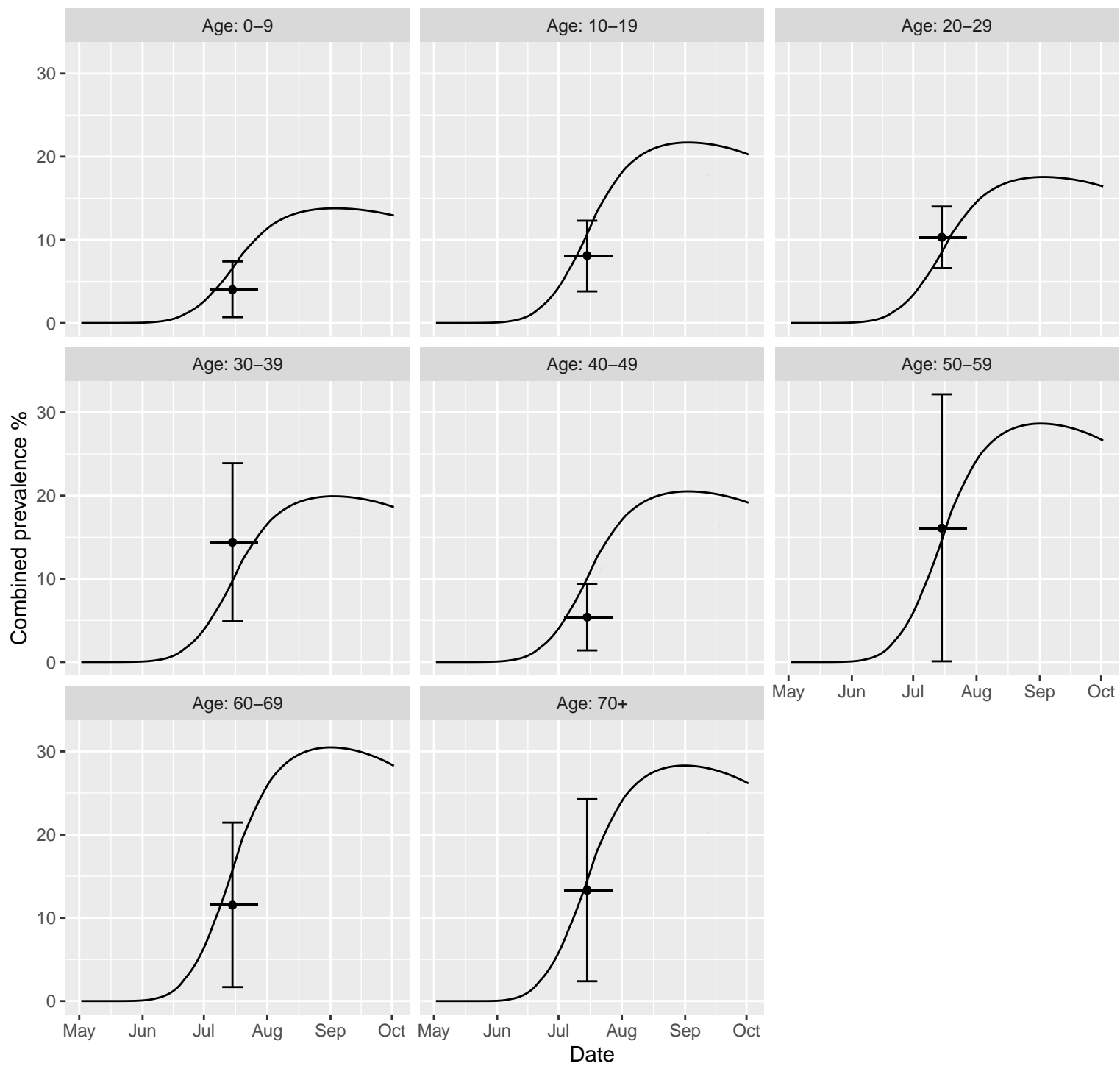




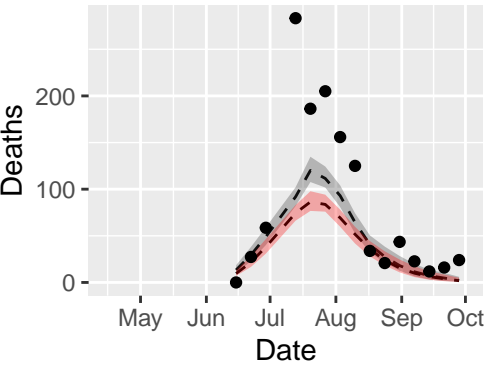
IFR x 0.6, Slope x 2.5  
COVID-19 weekly deaths (Mortuary)  
pois ll = -809.4



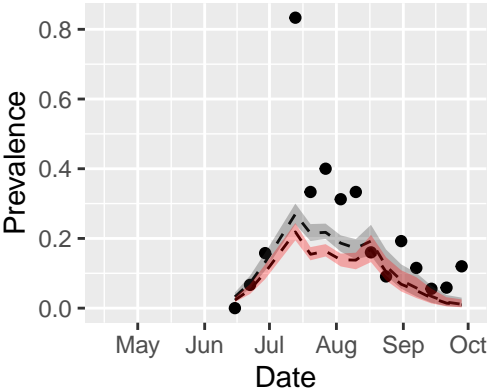
IFR x 0.6, Slope x 2.5  
Modelled COVID-19 Combined prevalence Lusaka



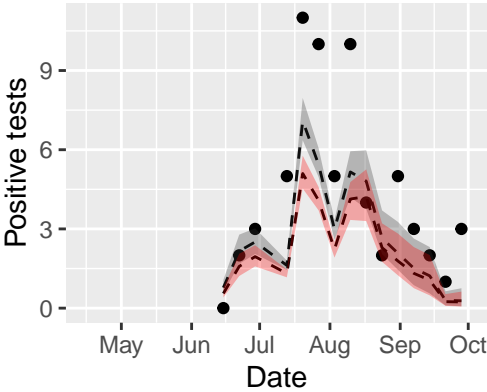
COVID-19 weekly deaths  
(Lusaka)  
bin II = -269.6



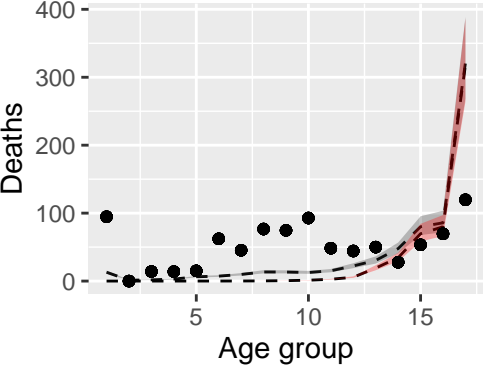
COVID-19 weekly prevalence  
(UTH mortuary)



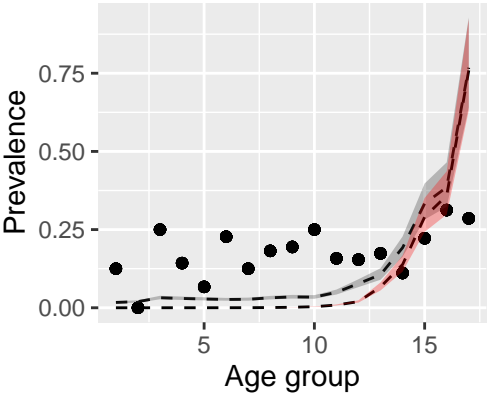
COVID-19 weekly positive tests  
(UTH mortuary)



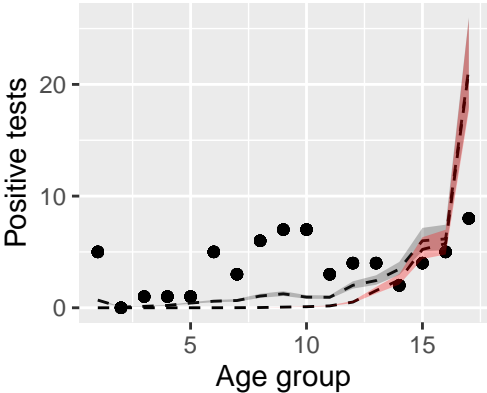
COVID-19 deaths by age  
(Lusaka)  
bin II = -269.6



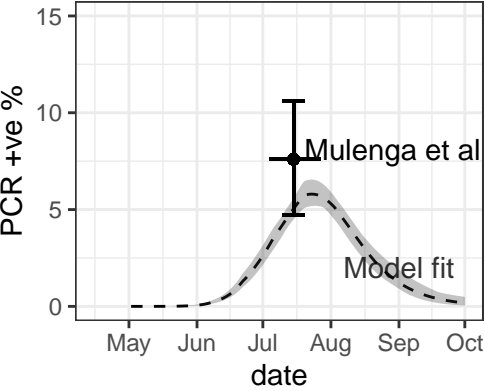
COVID-19 prevalence by age  
(UTH mortuary)



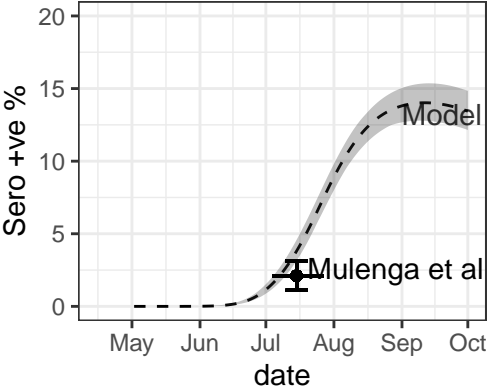
COVID-19 positive tests by age  
(UTH mortuary)



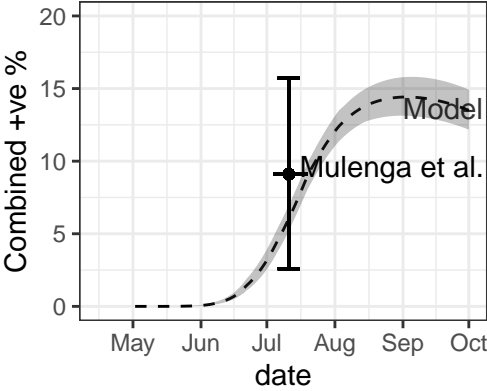
PCR prevalence  
binom II = -21.6



Seroprevalence  
binom II = -16.4

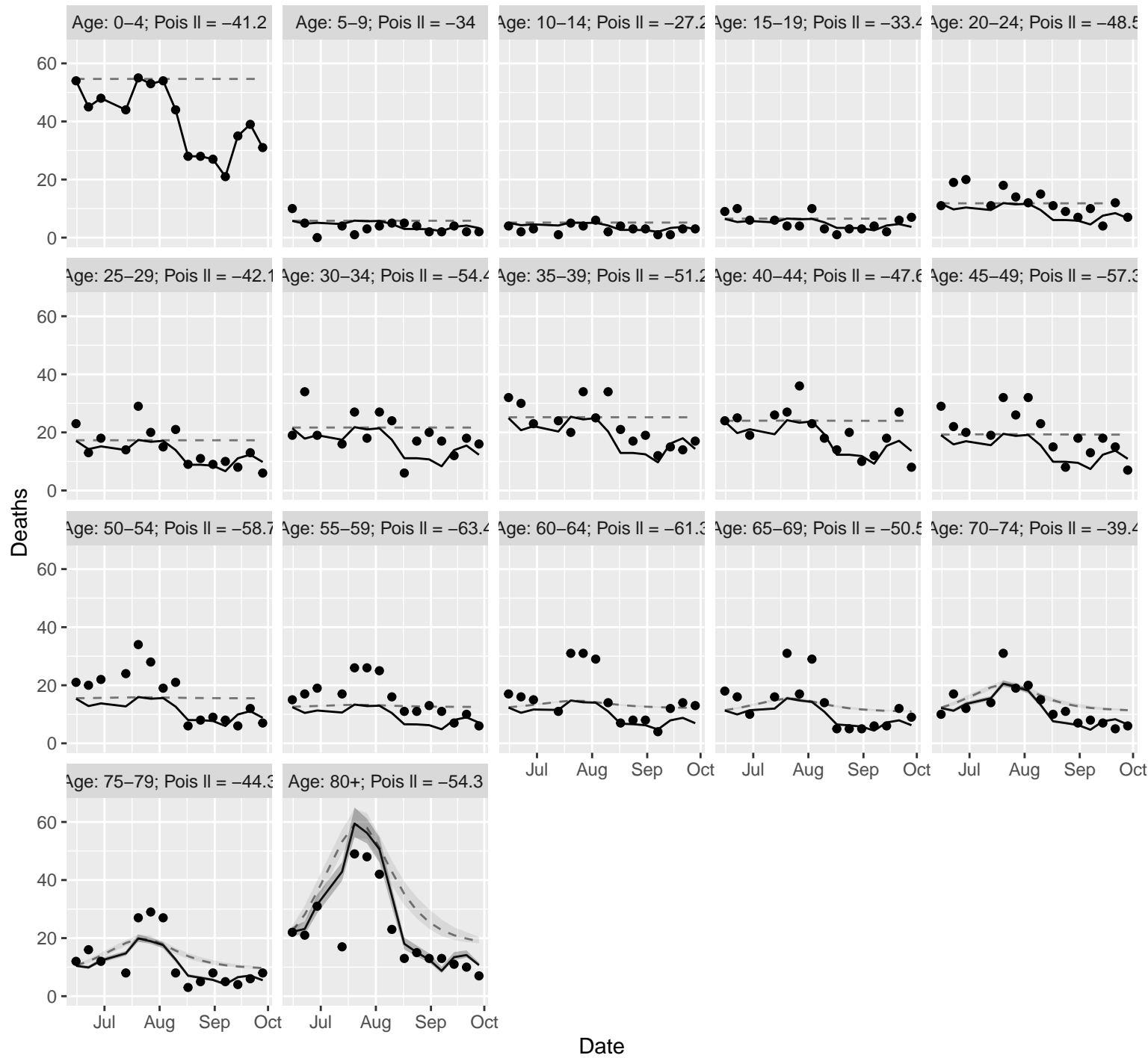


Combined prevalence  
binom II = -6.2





IFR x 0.8, Slope x 2.5  
COVID-19 weekly deaths (Mortuary)  
pois ll = -808.8



IFR x 0.8, Slope x 2.5  
Modelled COVID-19 Combined prevalence Lusaka

