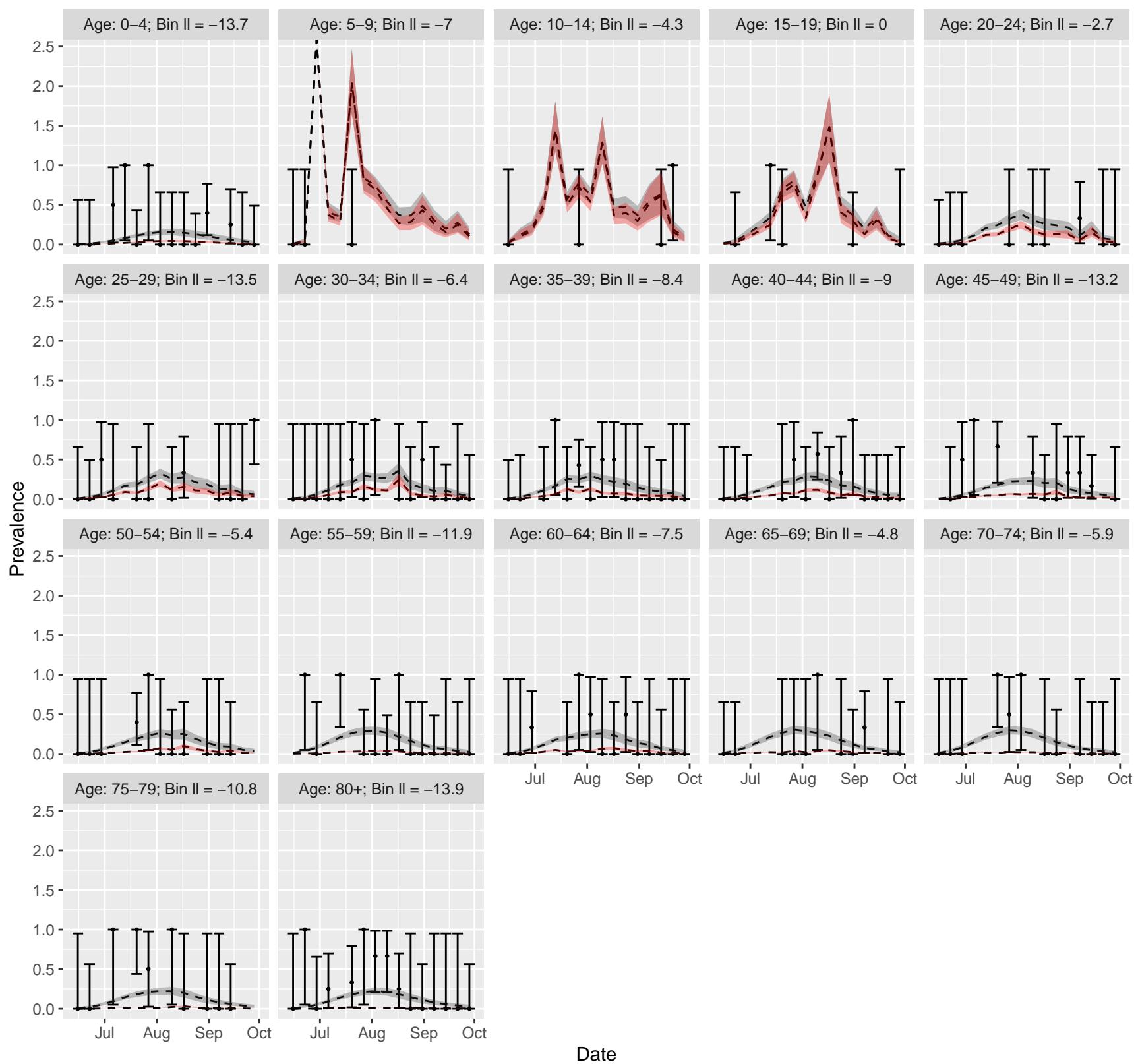


IFR x 0.2, Slope x 0.2

COVID-19 weekly prevalence (Mortuary)

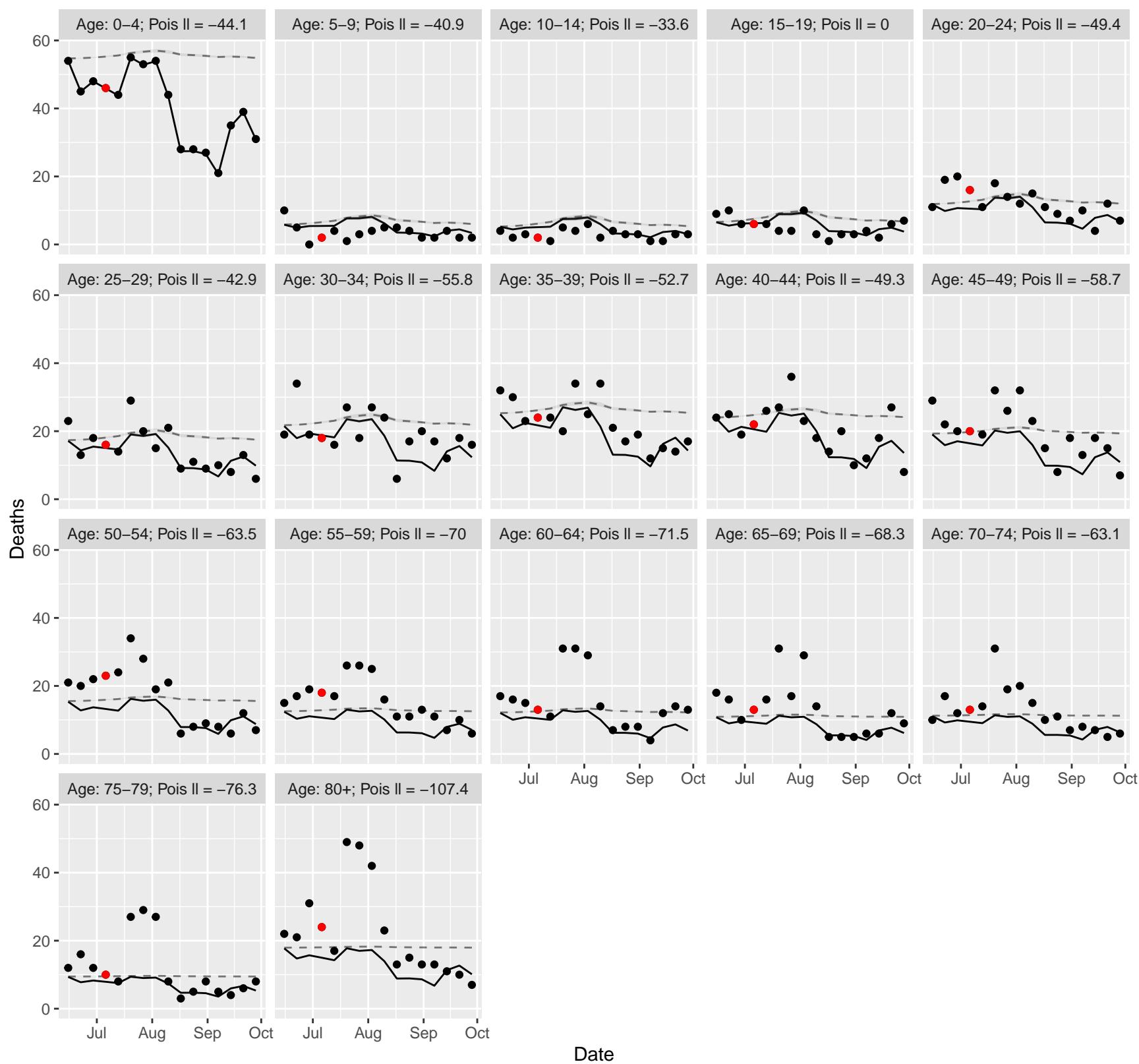
bin II = -138.3



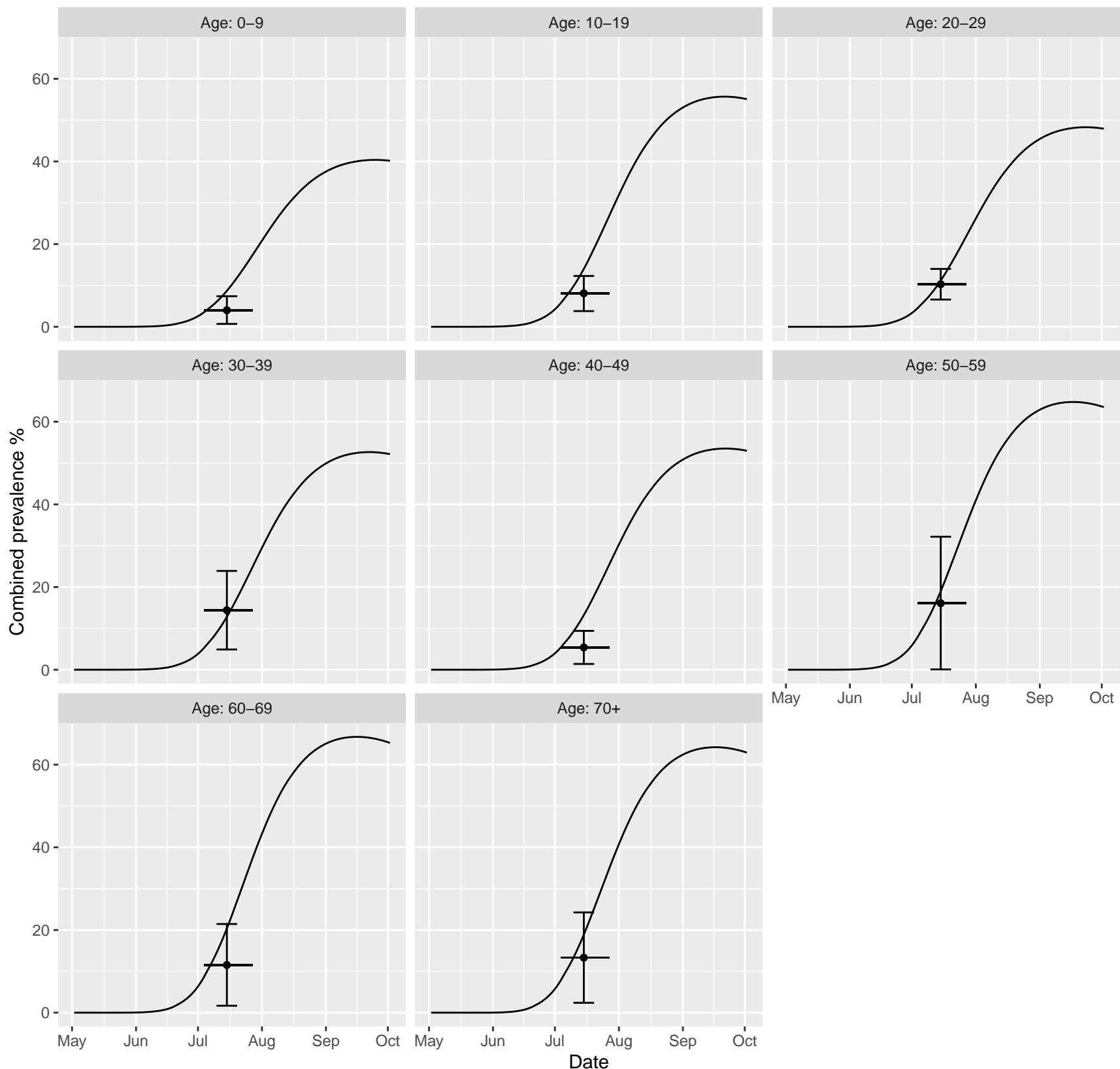
IFR x 0.2, Slope x 0.2

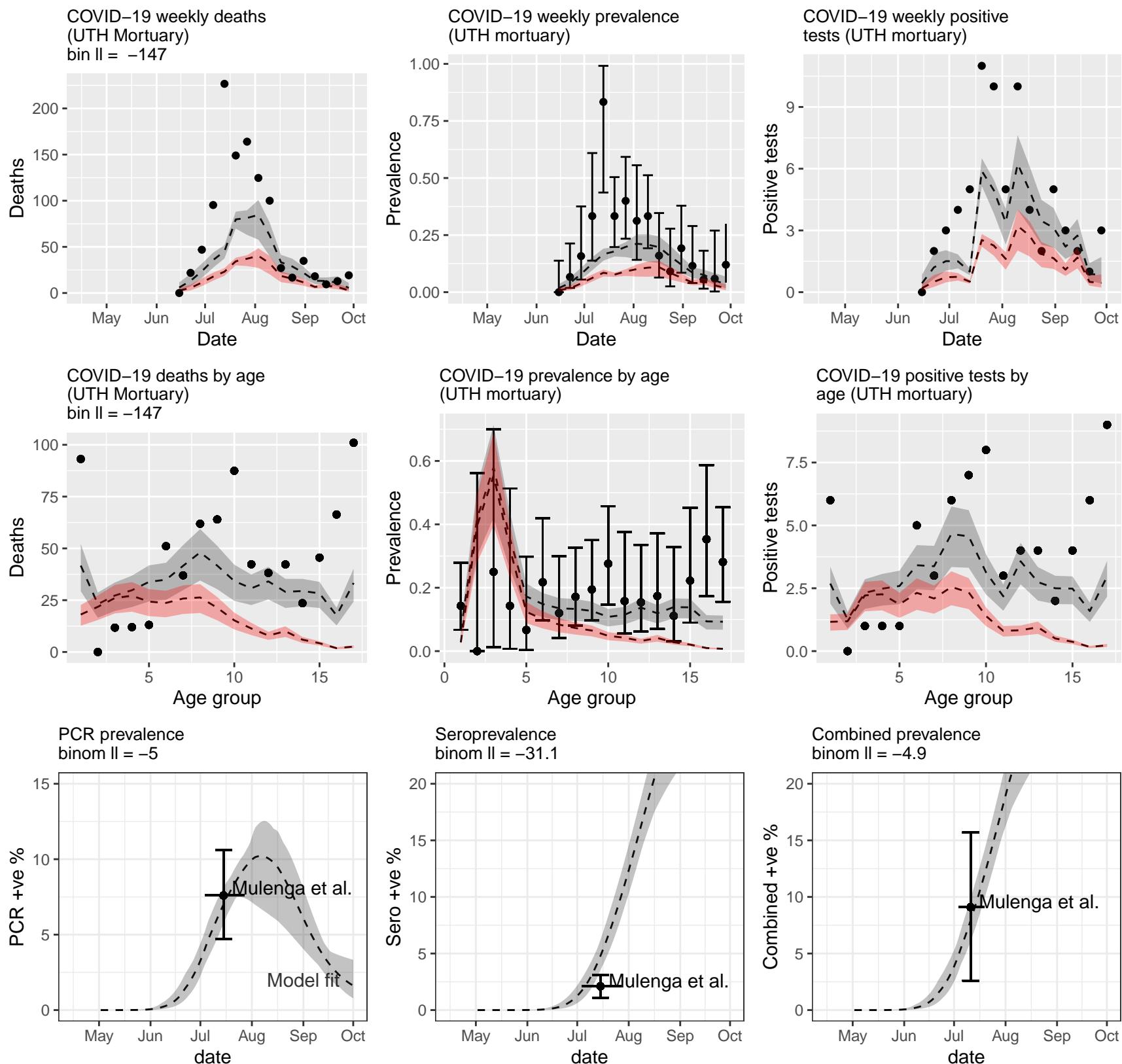
COVID-19 weekly deaths (Mortuary)

pois II = -947.4



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

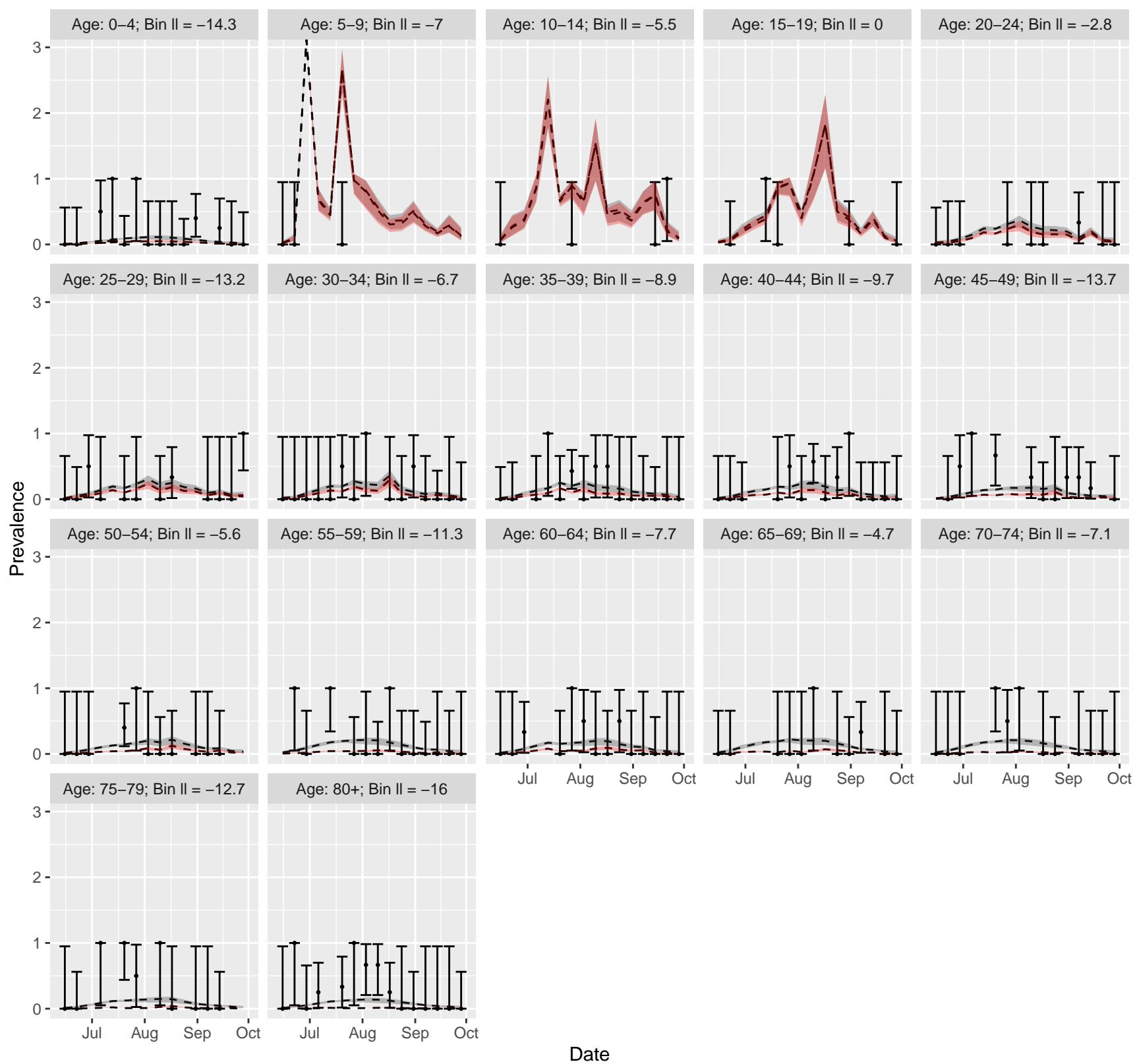




IFR x 0.4, Slope x 0.2

COVID-19 weekly prevalence (Mortuary)

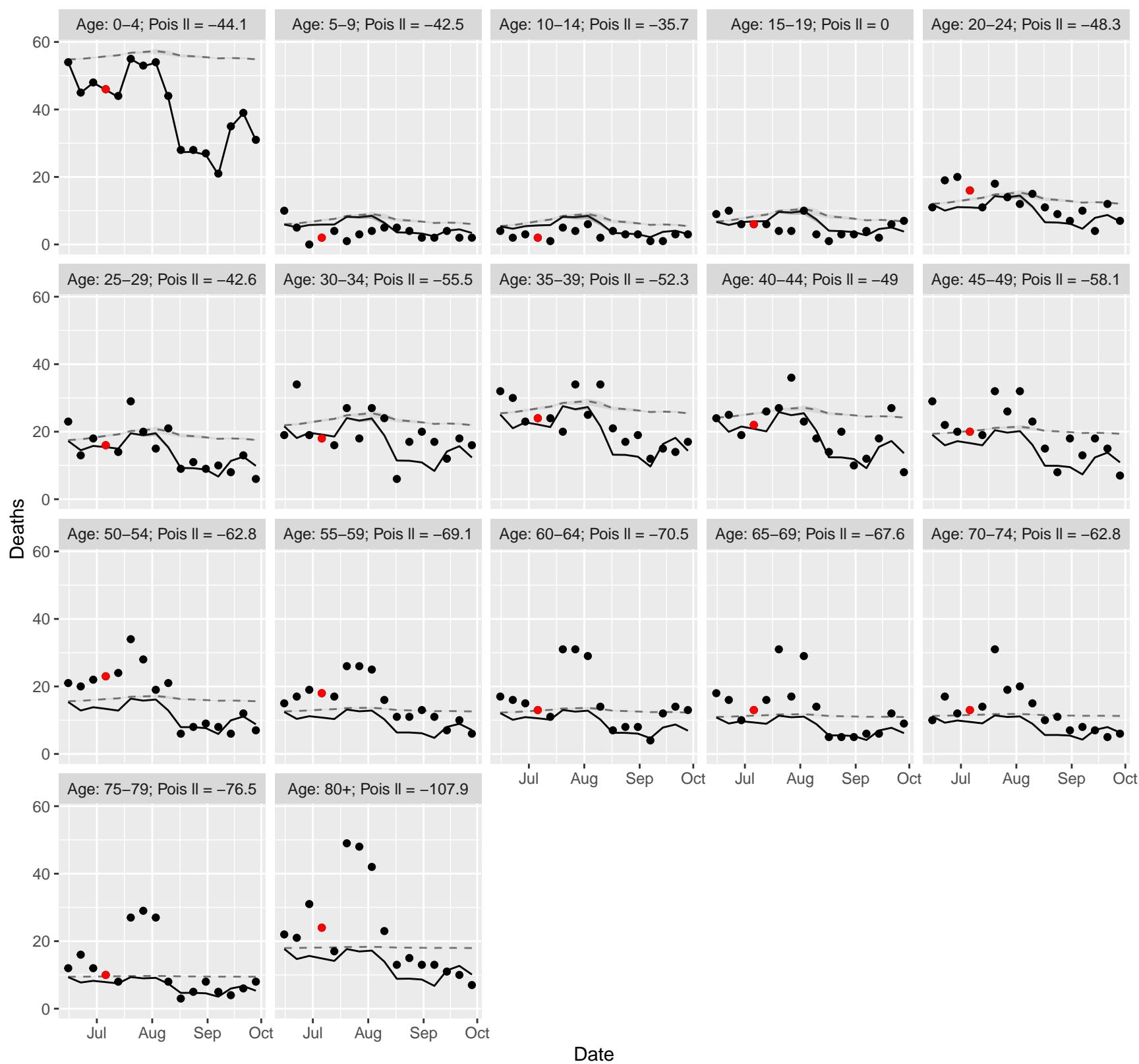
bin II = -147



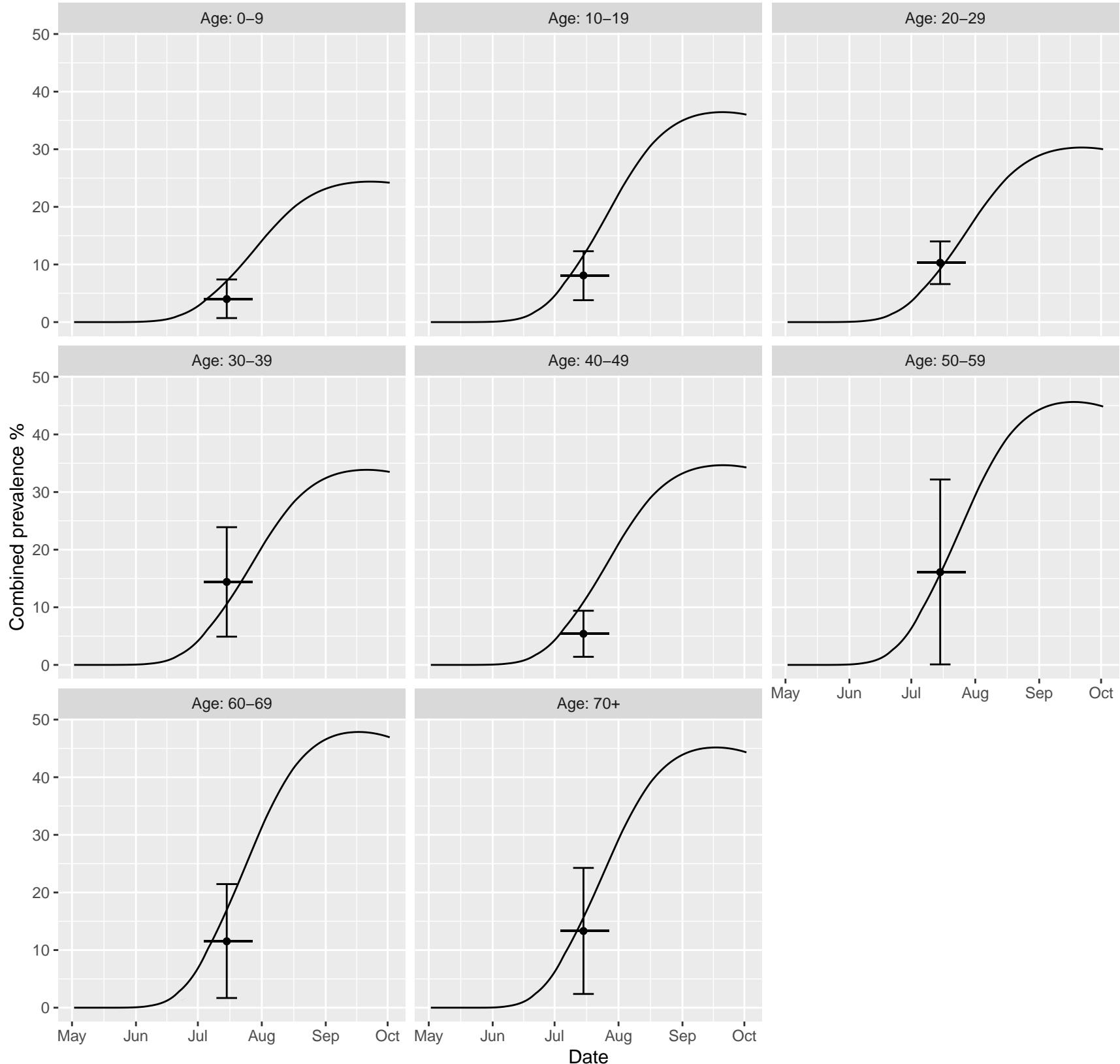
IFR x 0.4, Slope x 0.2

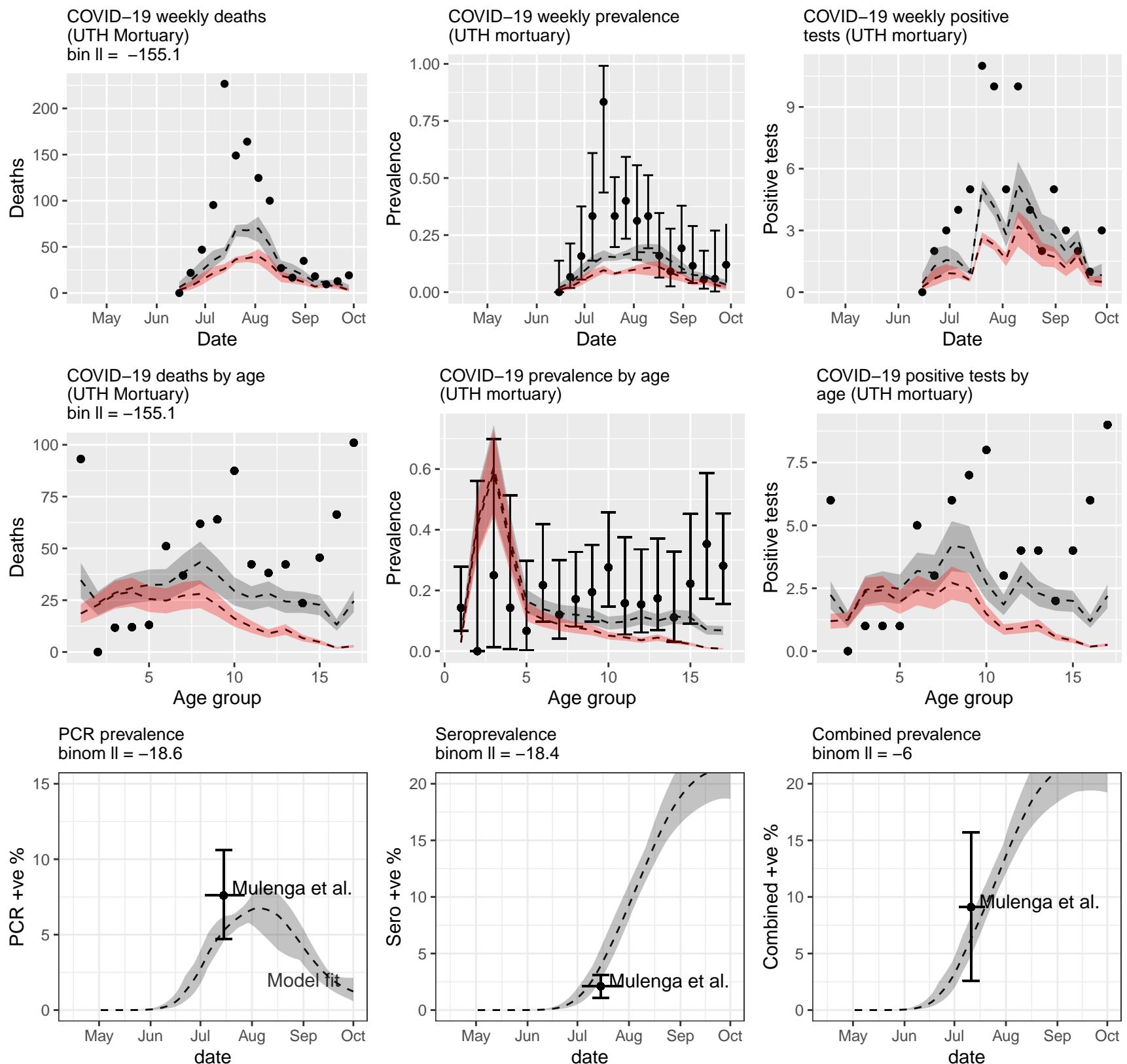
COVID-19 weekly deaths (Mortuary)

pois II = -945.3



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

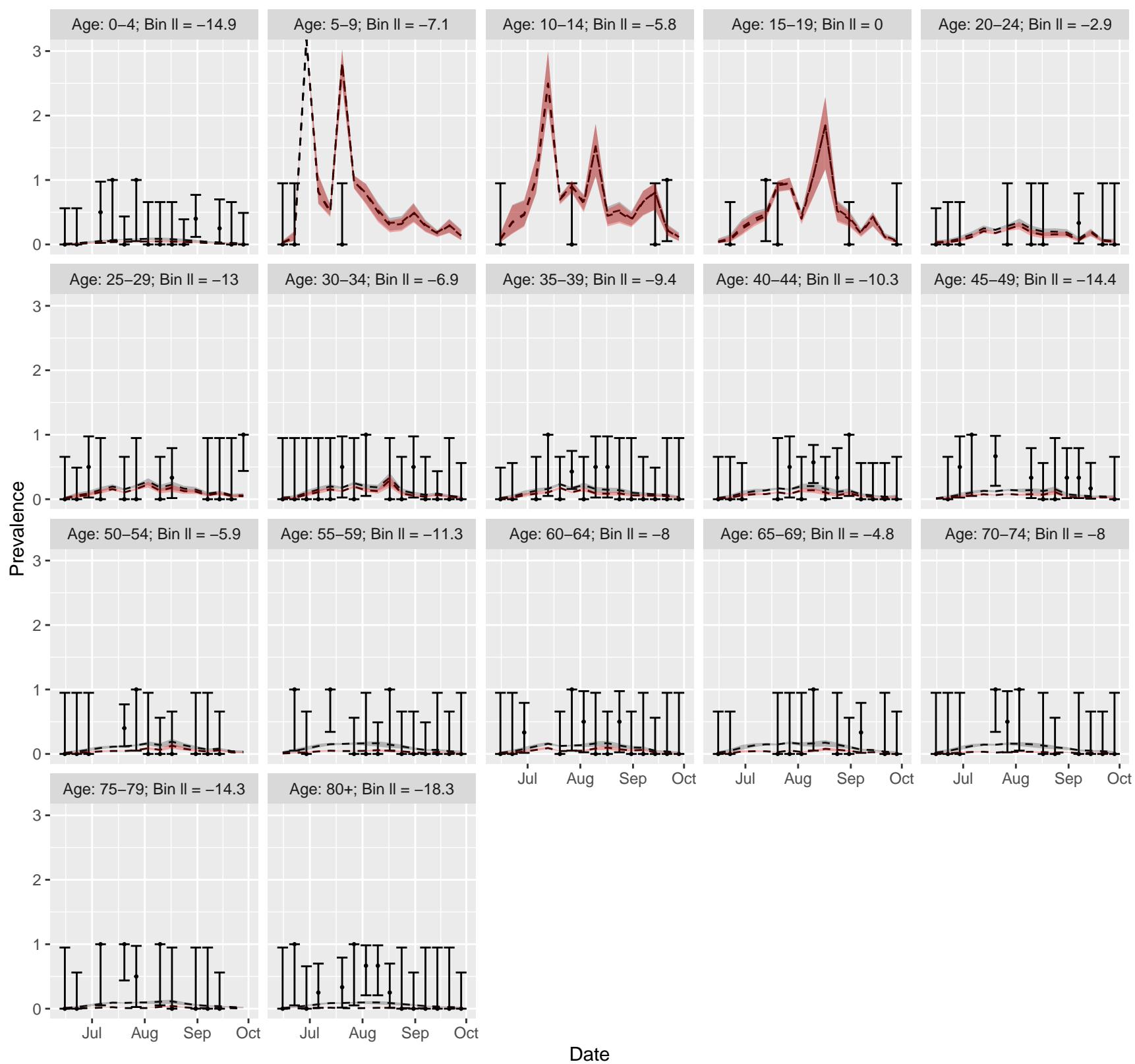




IFR x 0.6, Slope x 0.2

COVID-19 weekly prevalence (Mortuary)

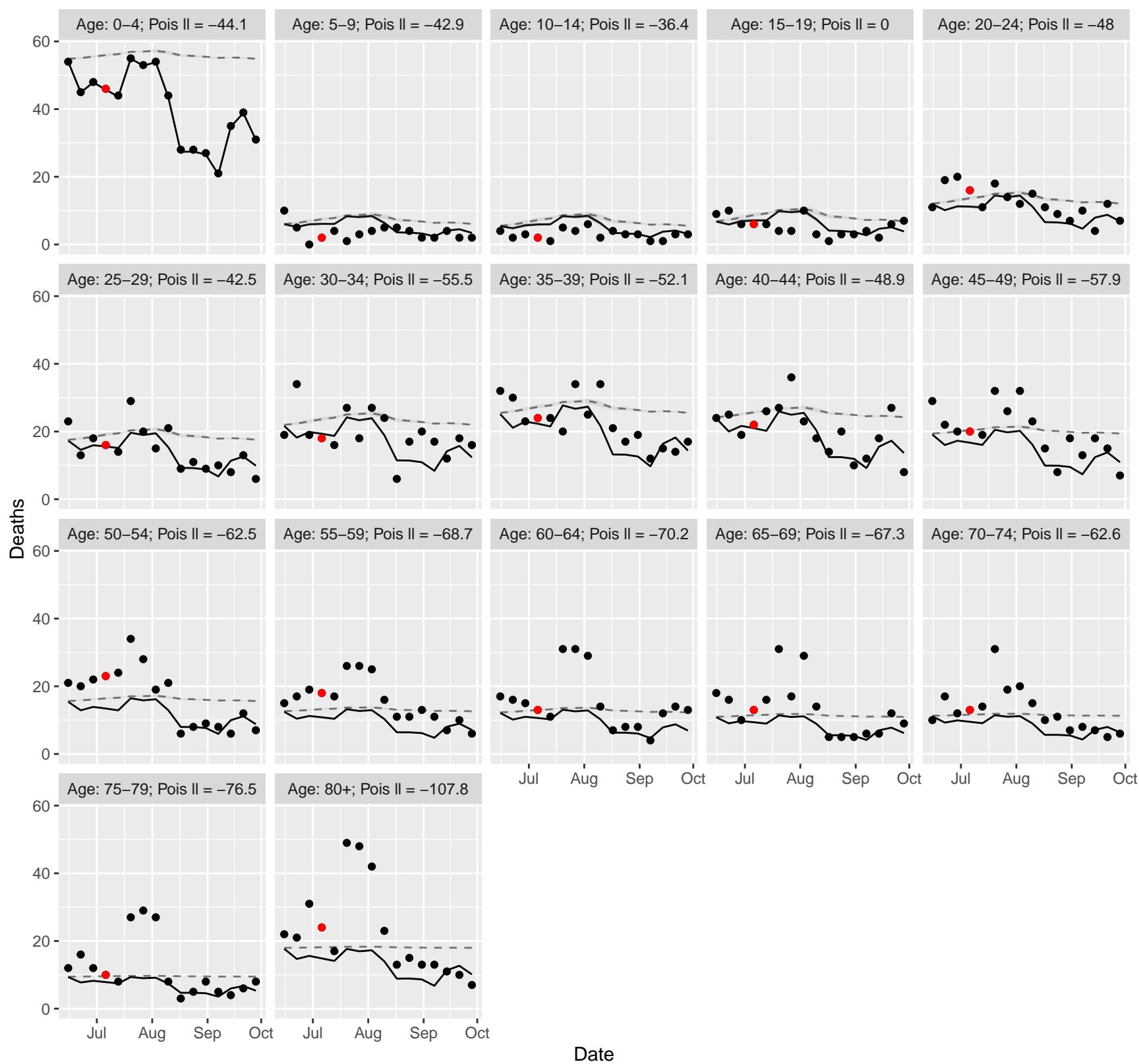
bin II = -155.1



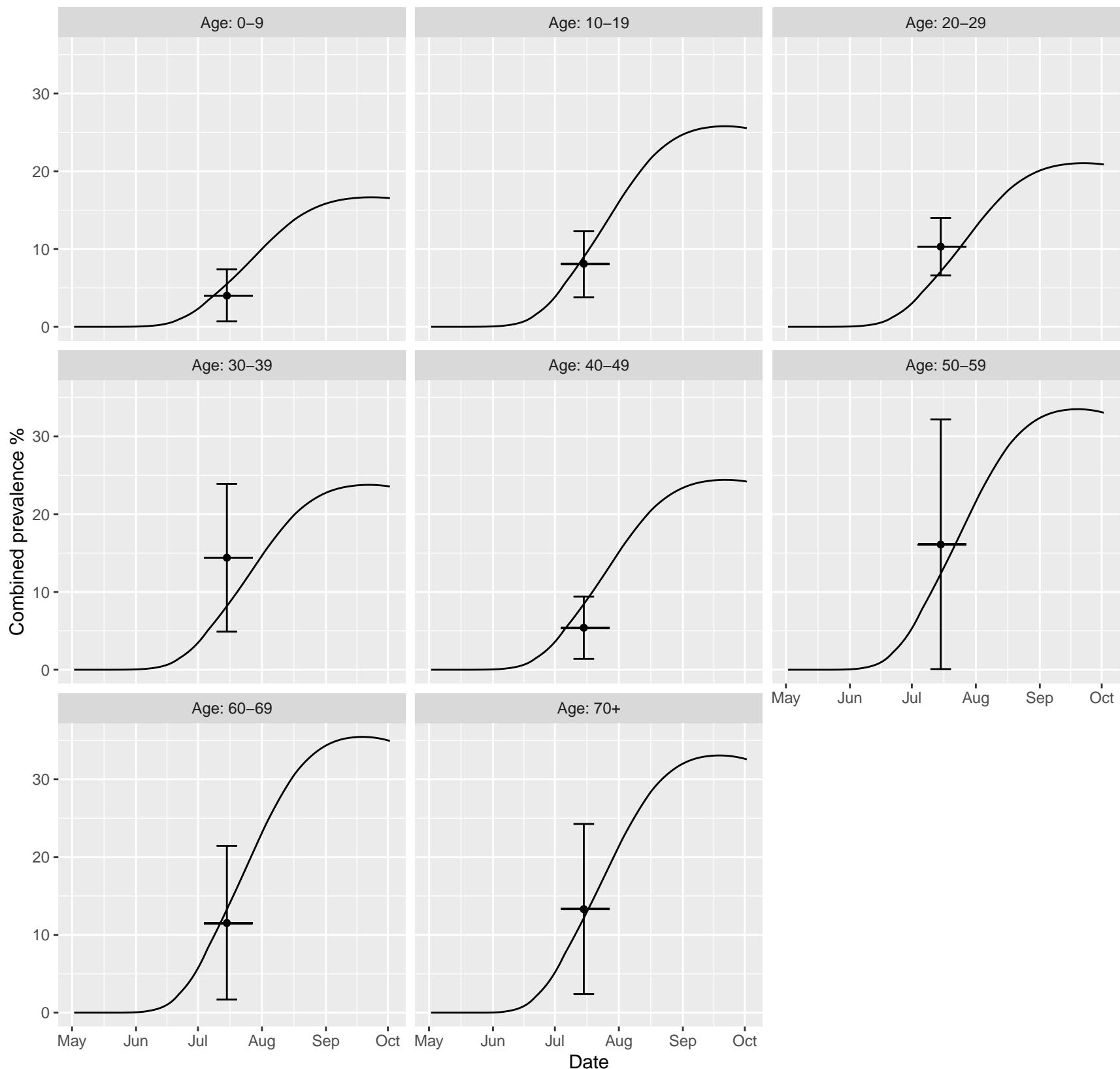
IFR x 0.6, Slope x 0.2

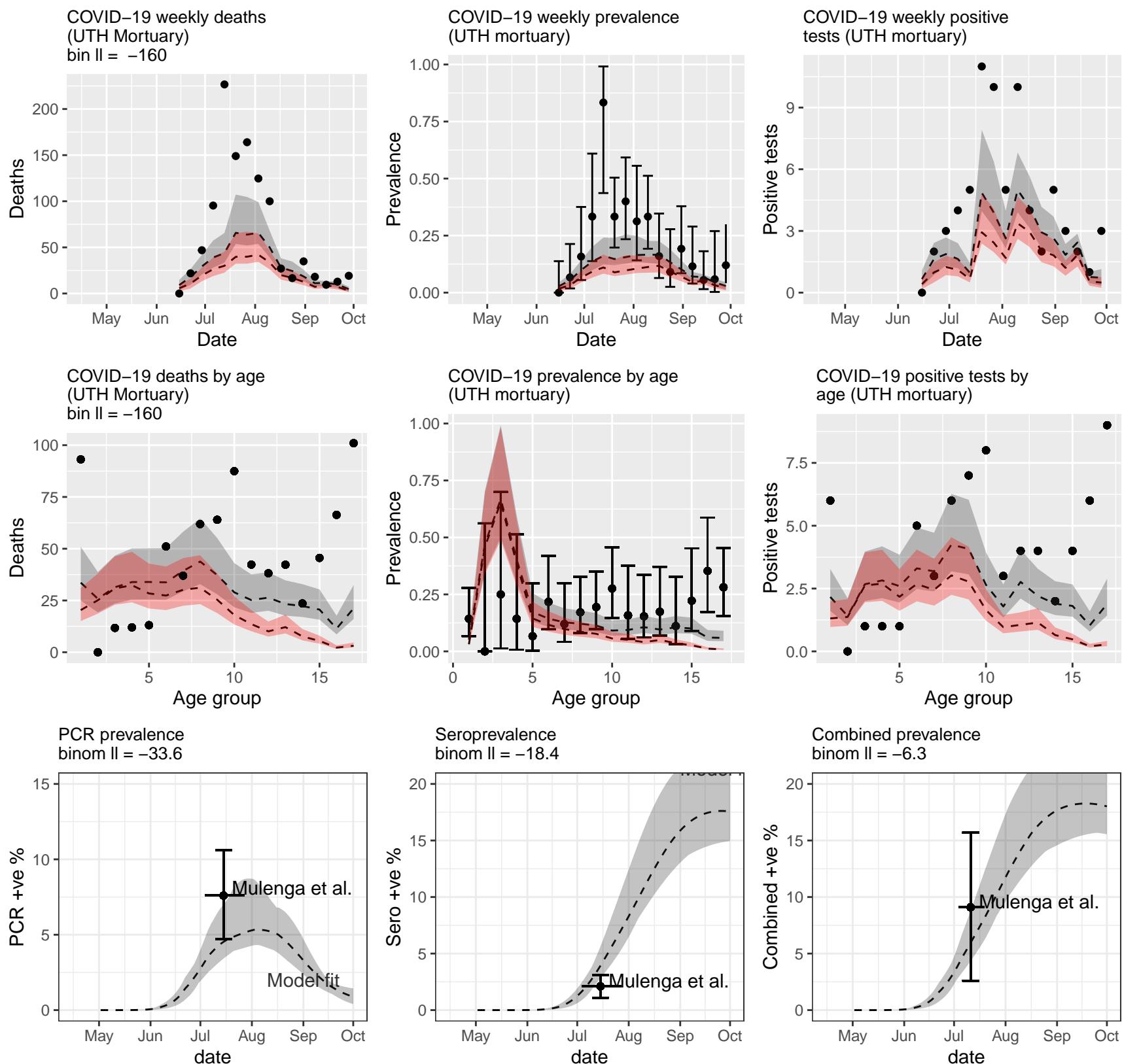
COVID-19 weekly deaths (Mortuary)

pois II = -943.8



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

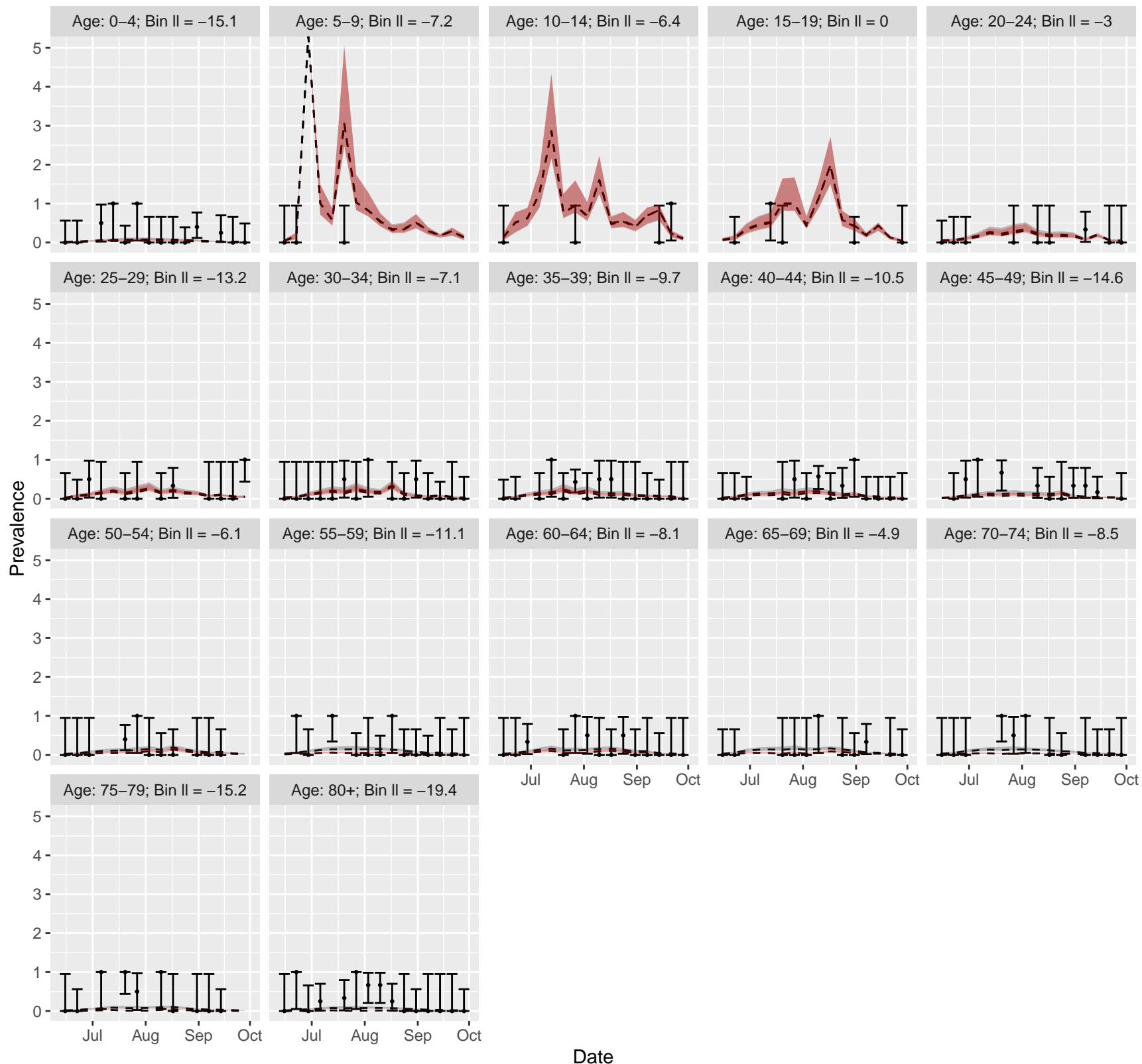




IFR x 0.8, Slope x 0.2

COVID-19 weekly prevalence (Mortuary)

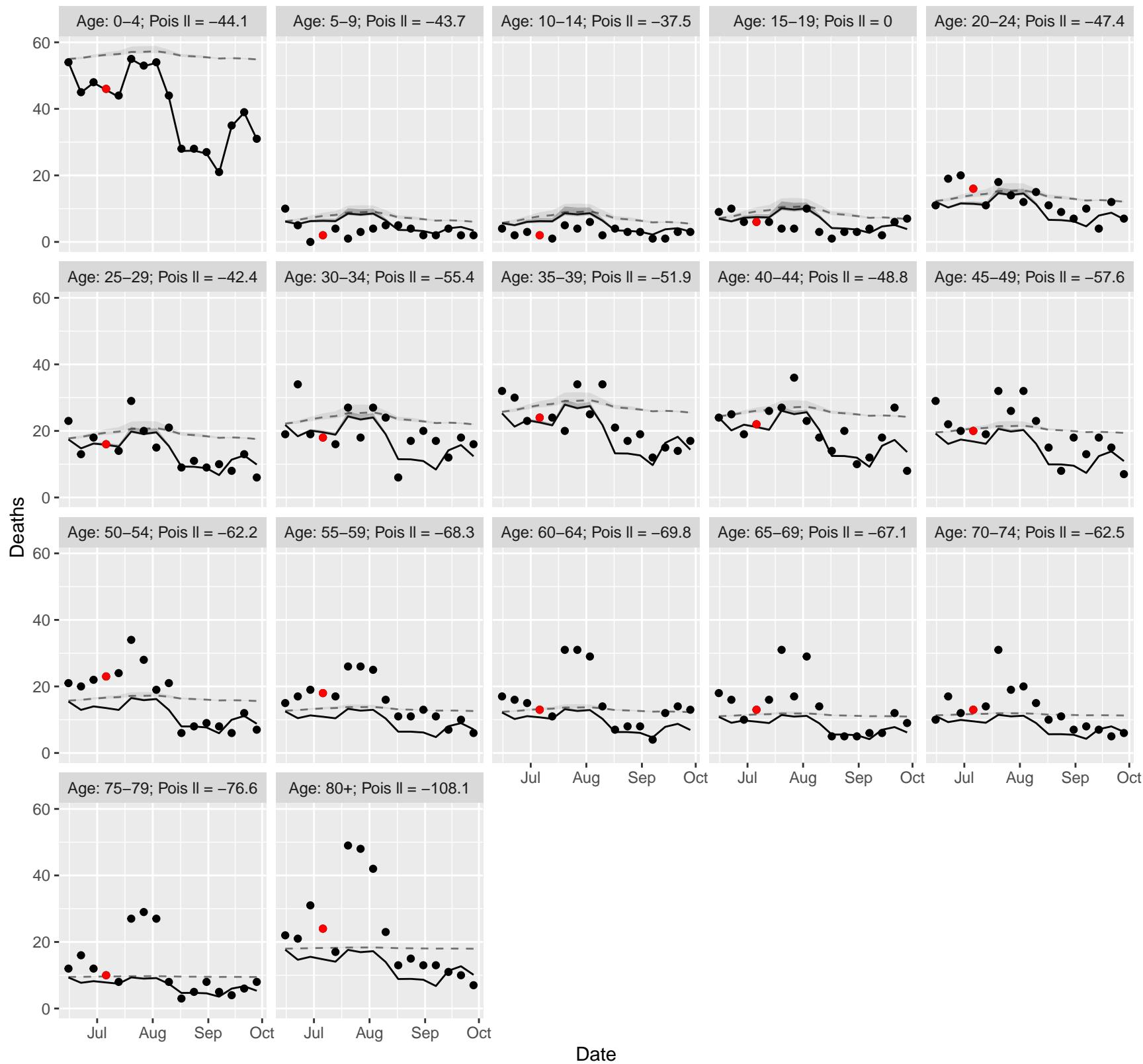
bin II = -160



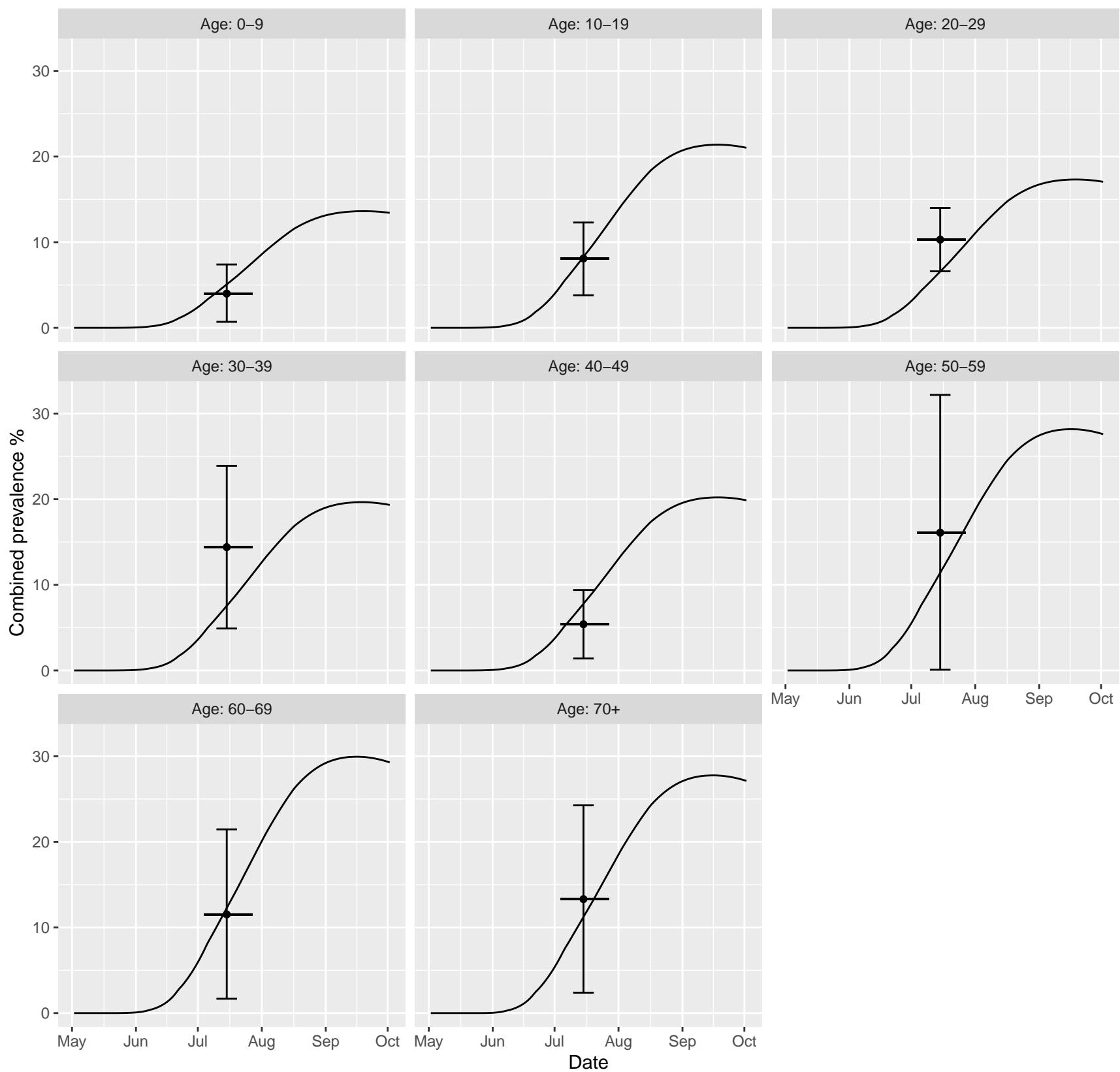
IFR x 0.8, Slope x 0.2

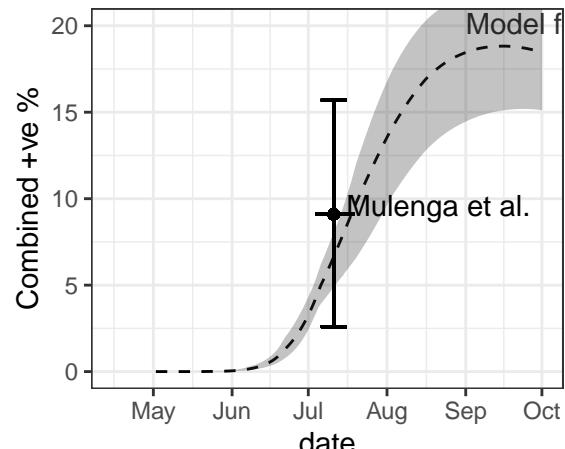
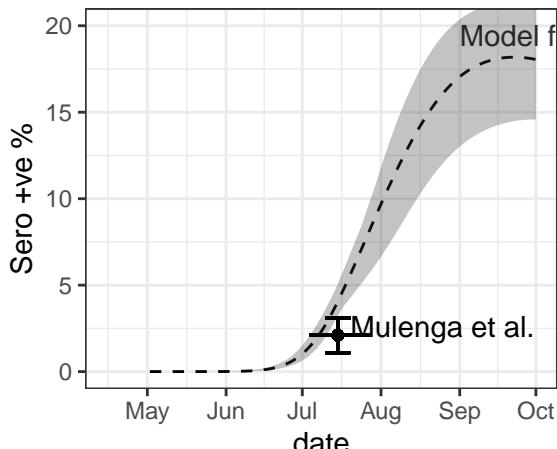
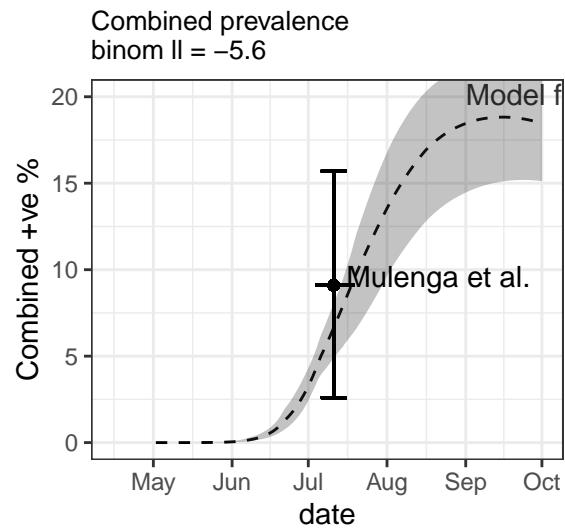
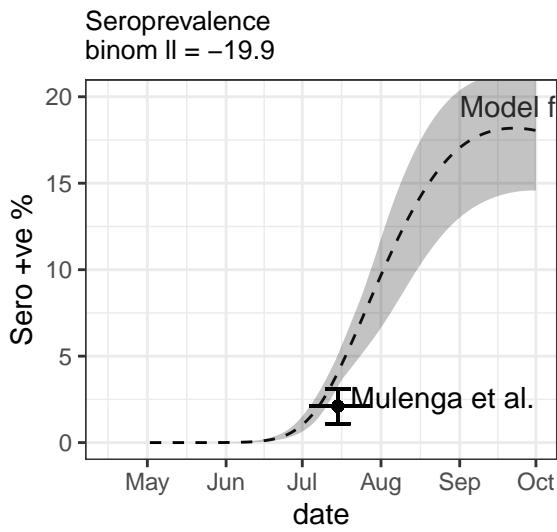
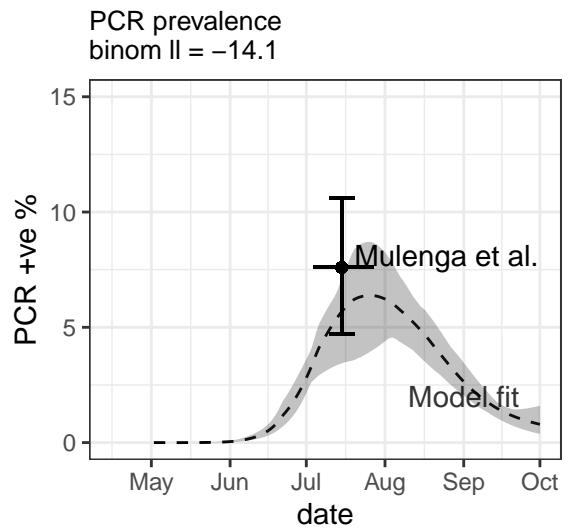
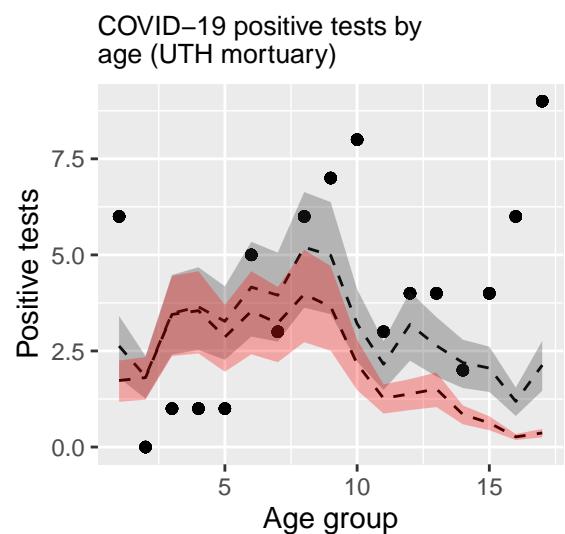
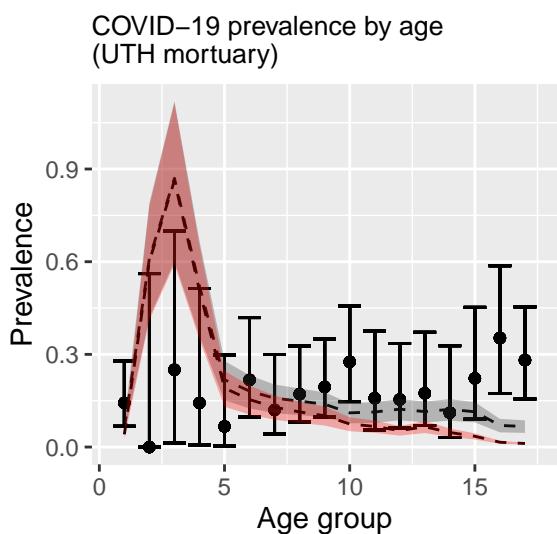
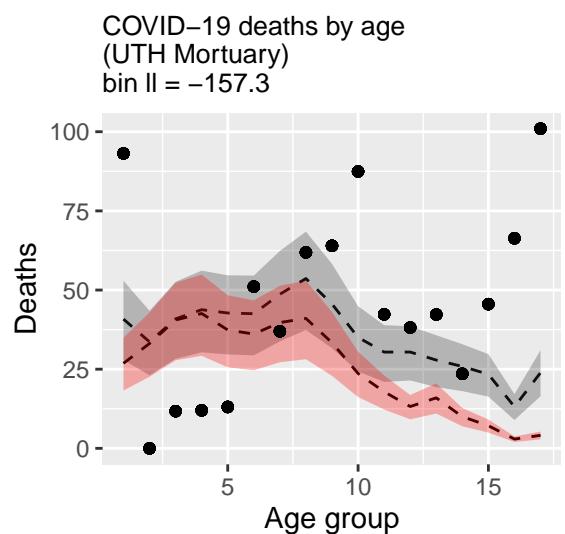
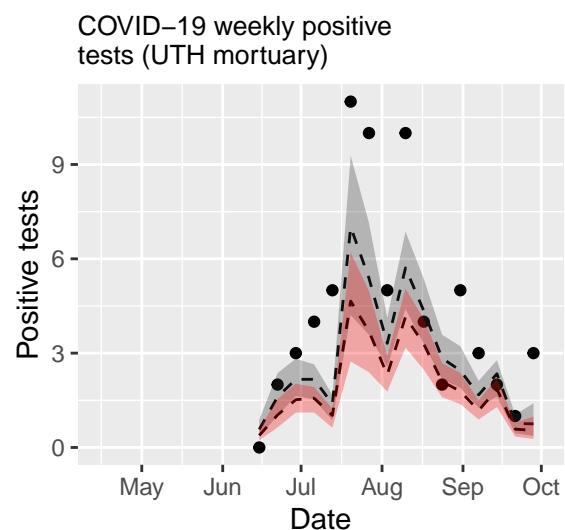
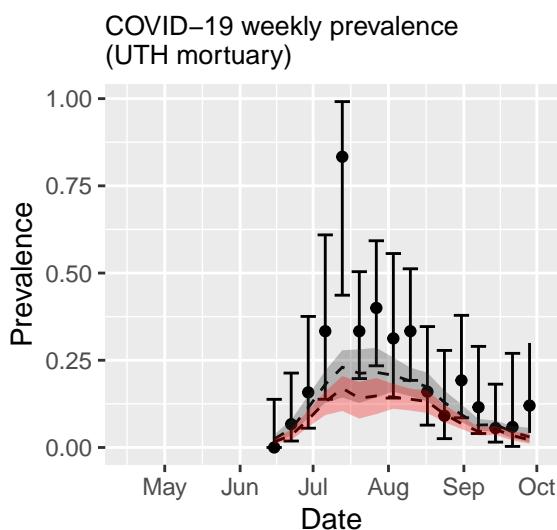
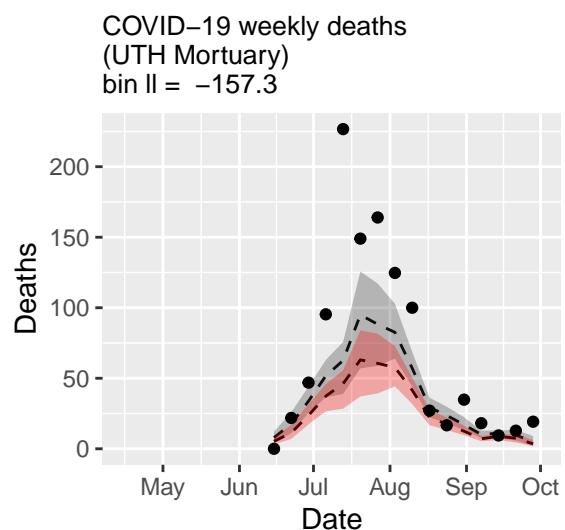
COVID-19 weekly deaths (Mortuary)

pois II = -943.4



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

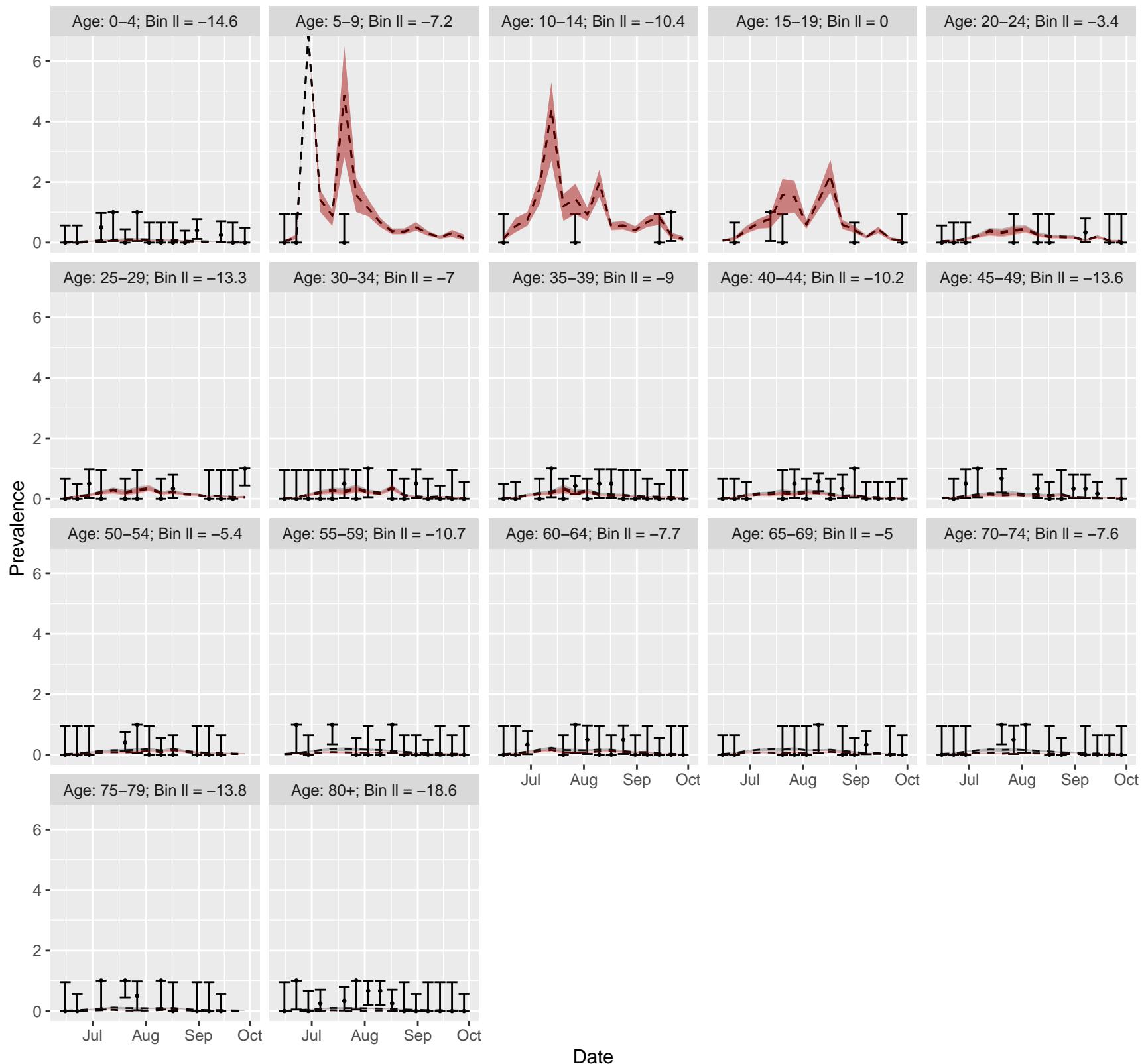




IFR x 1, Slope x 0.2

COVID-19 weekly prevalence (Mortuary)

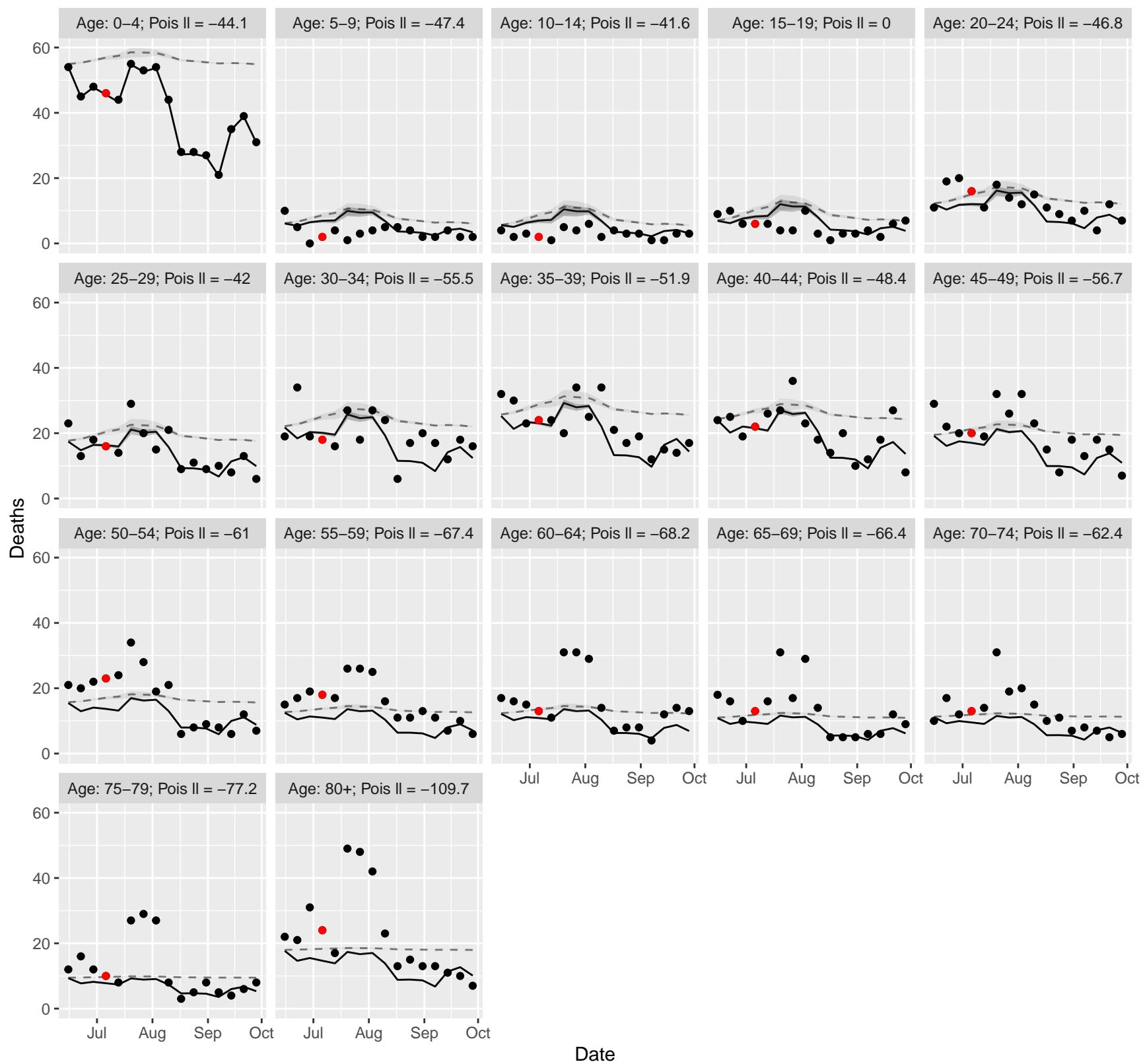
bin II = -157.3



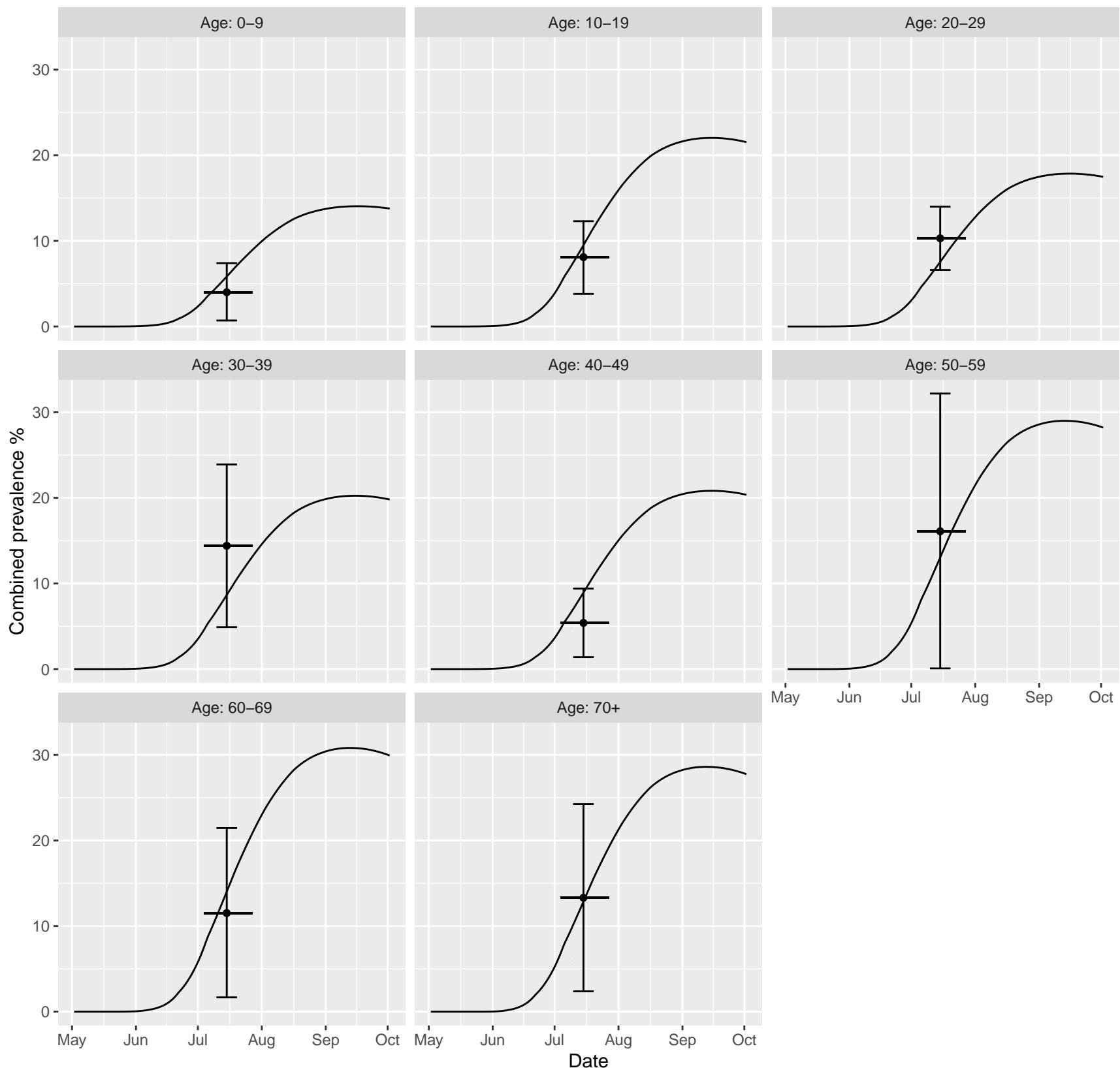
IFR x 1, Slope x 0.2

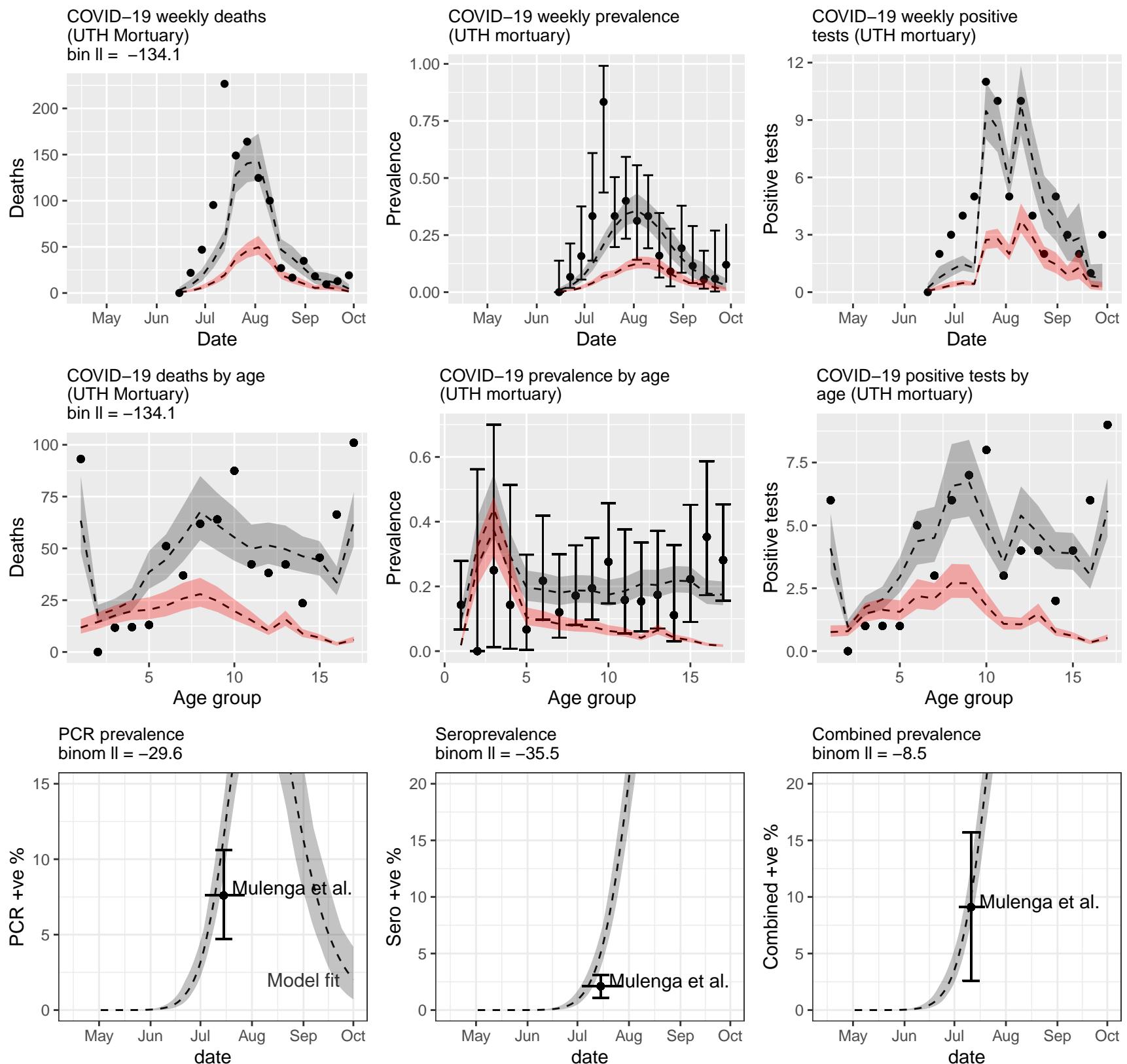
COVID-19 weekly deaths (Mortuary)

pois II = -946.9



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

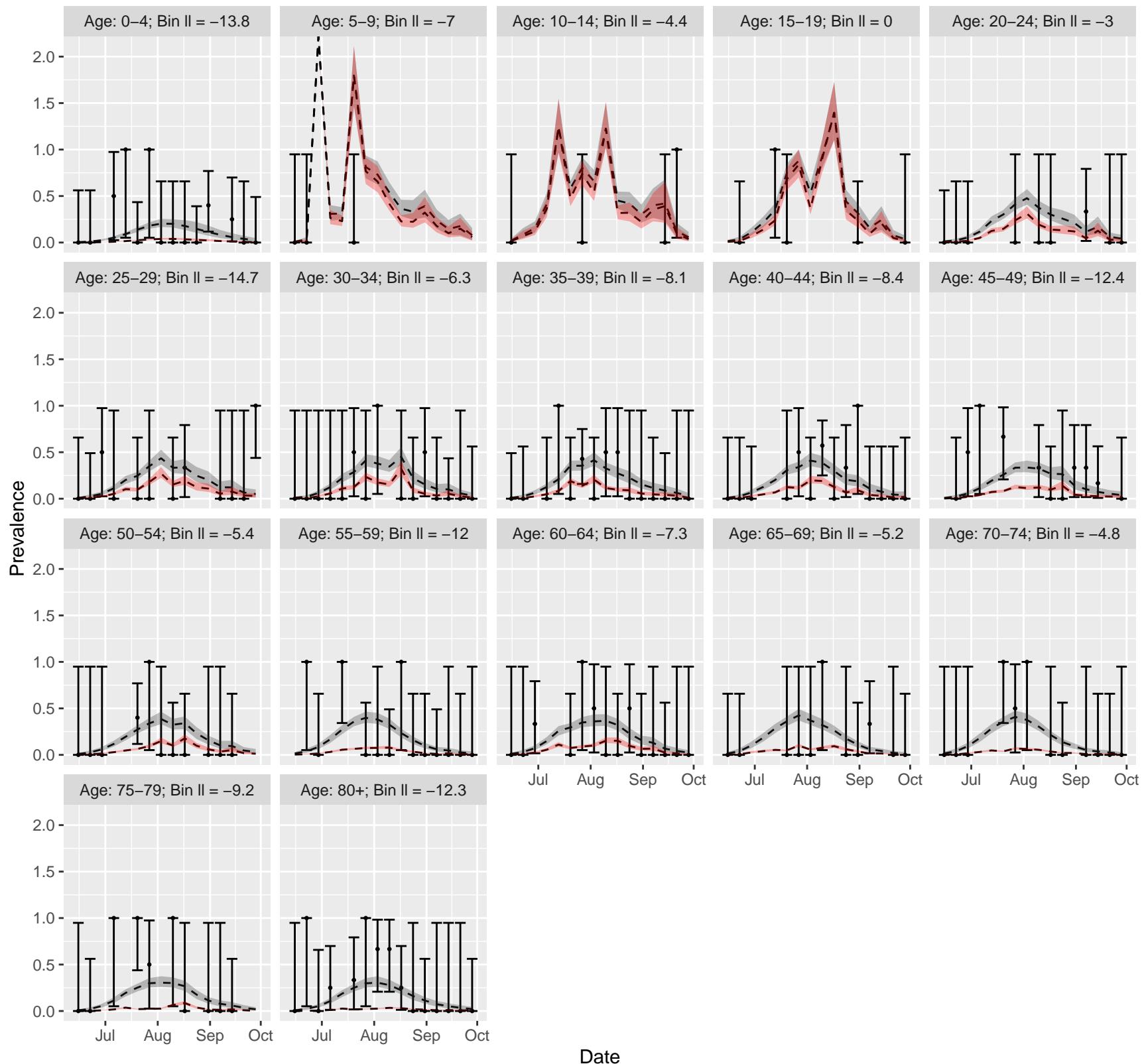




IFR x 0.2, Slope x 0.4

COVID-19 weekly prevalence (Mortuary)

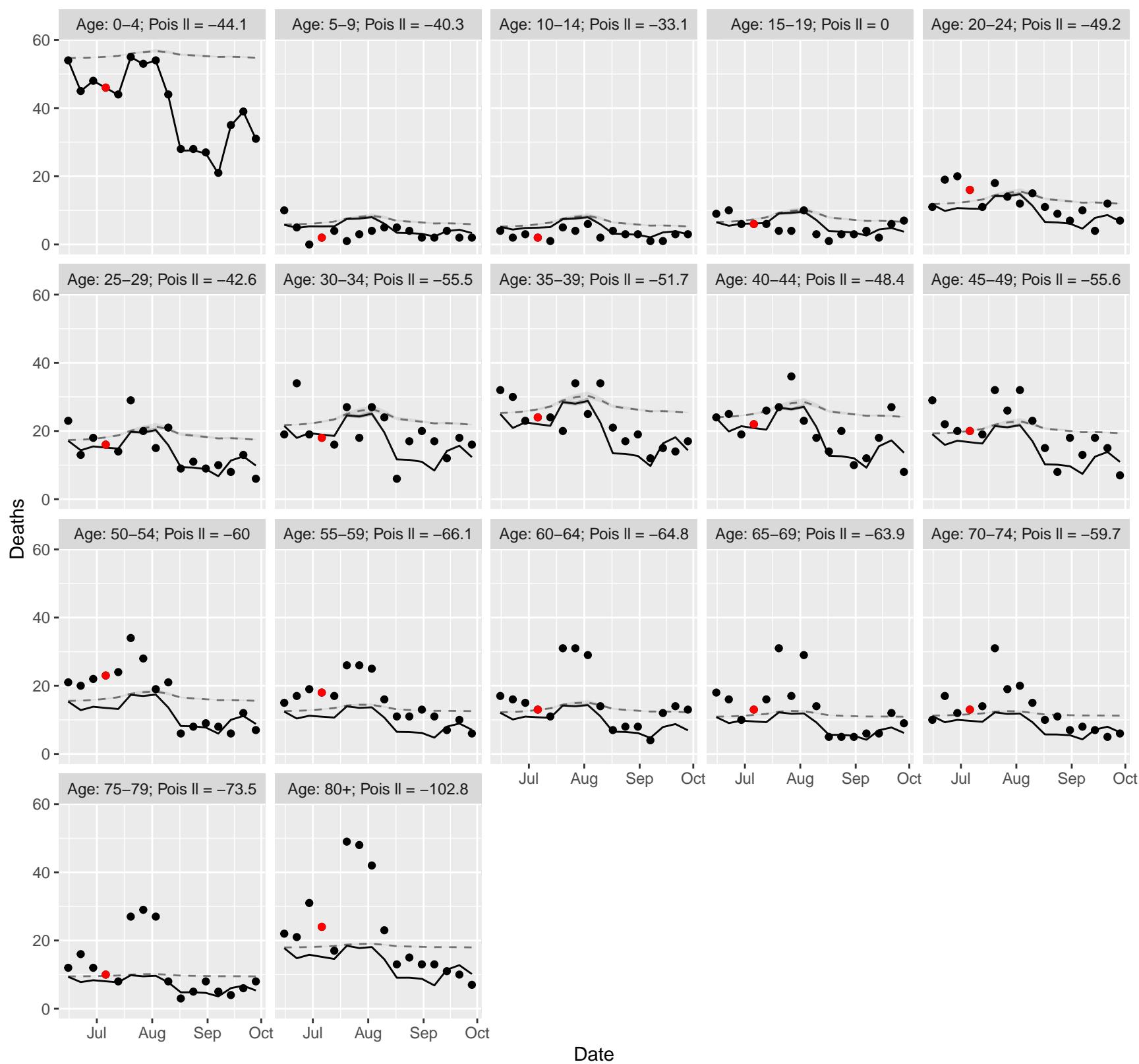
bin II = -134.1



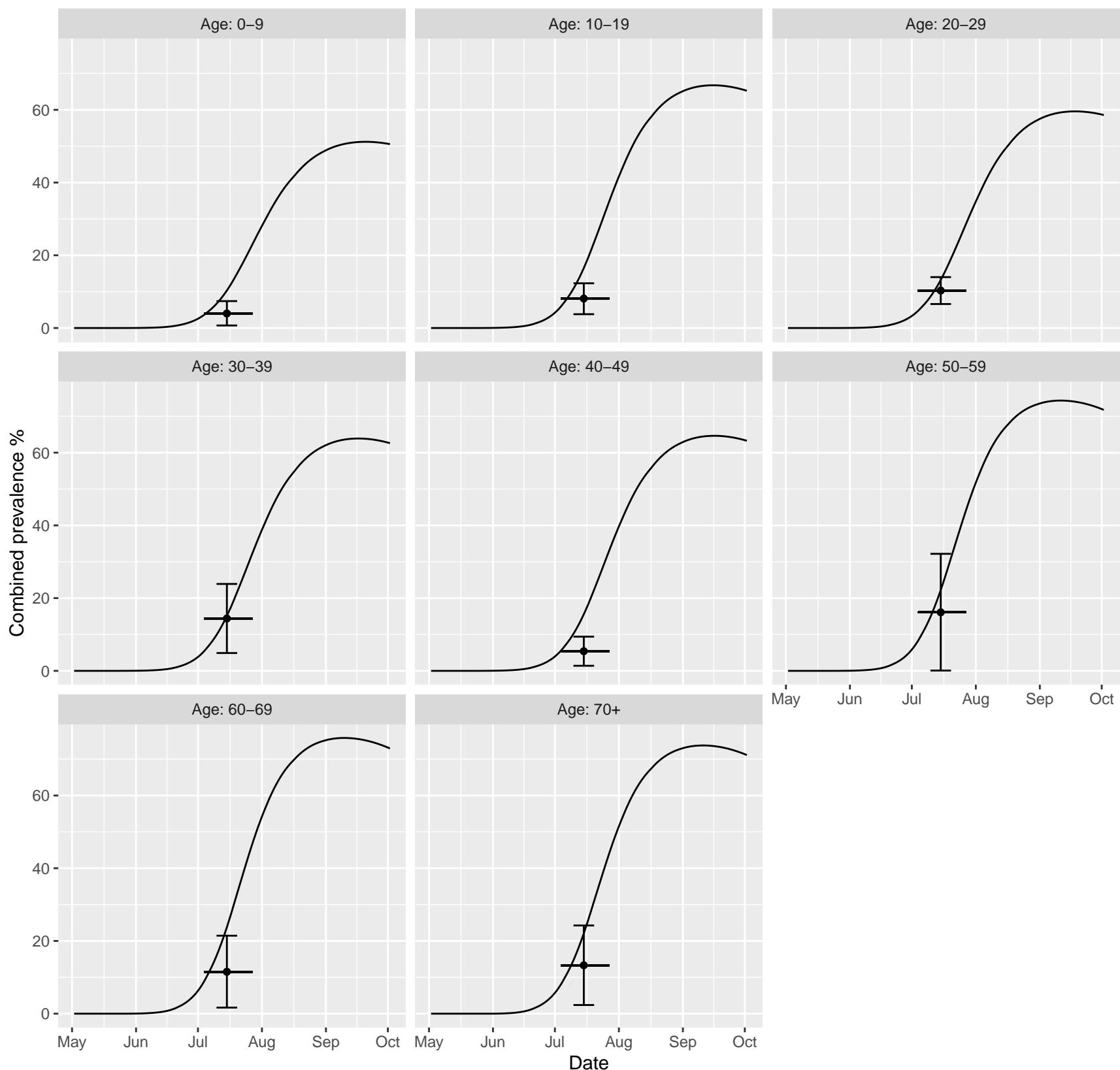
IFR x 0.2, Slope x 0.4

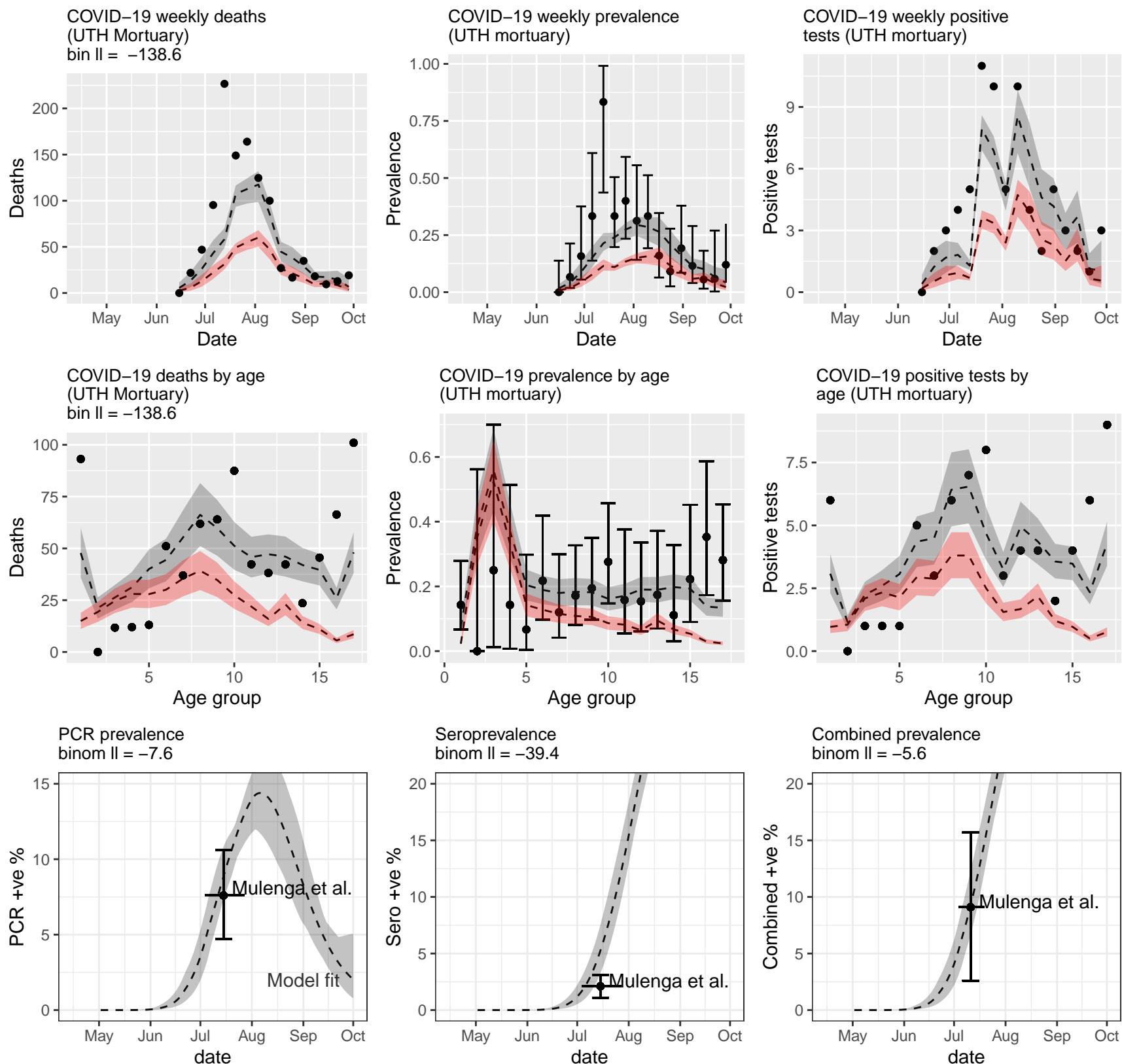
COVID-19 weekly deaths (Mortuary)

pois II = -911.3



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

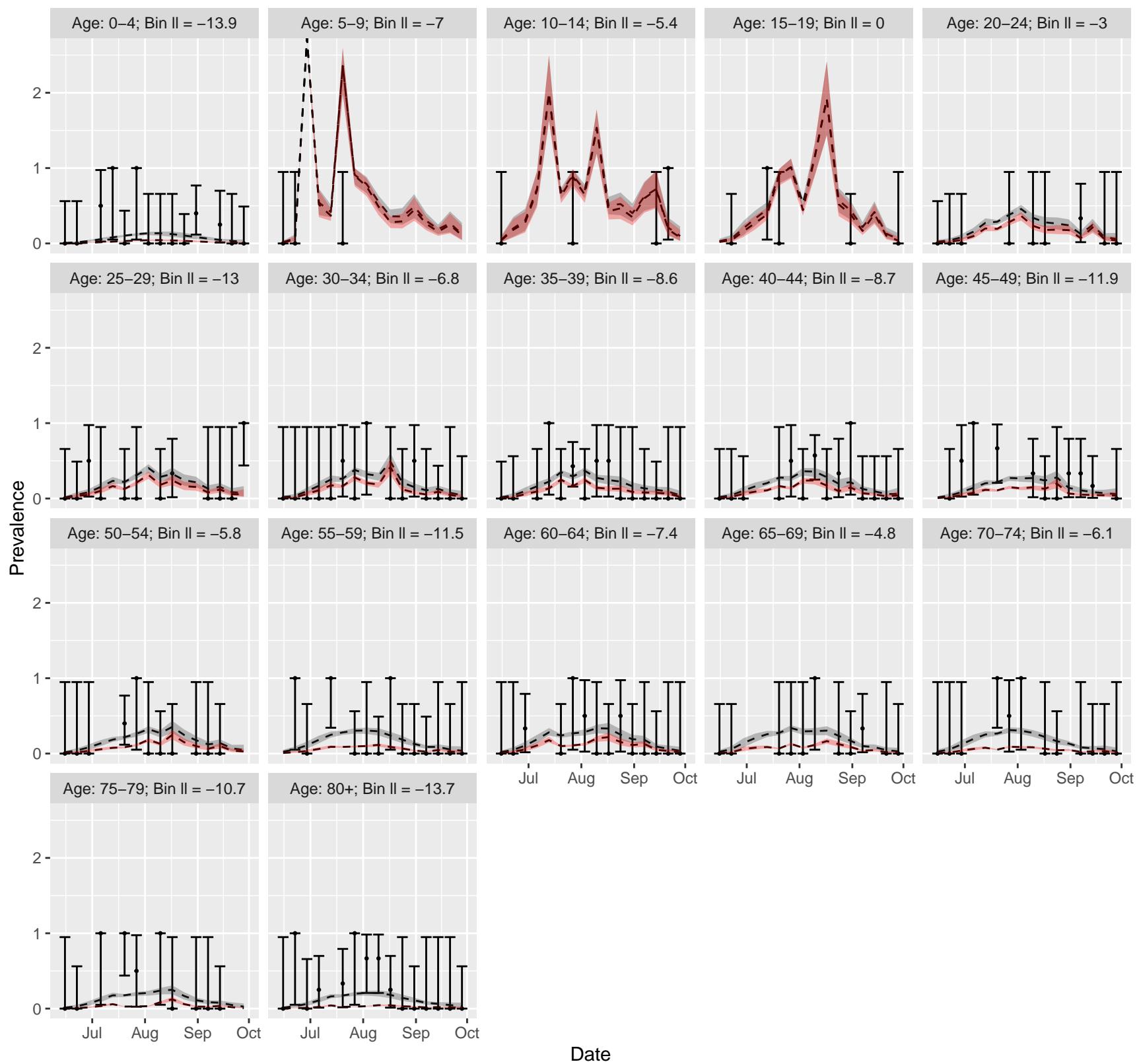




IFR x 0.4, Slope x 0.4

COVID-19 weekly prevalence (Mortuary)

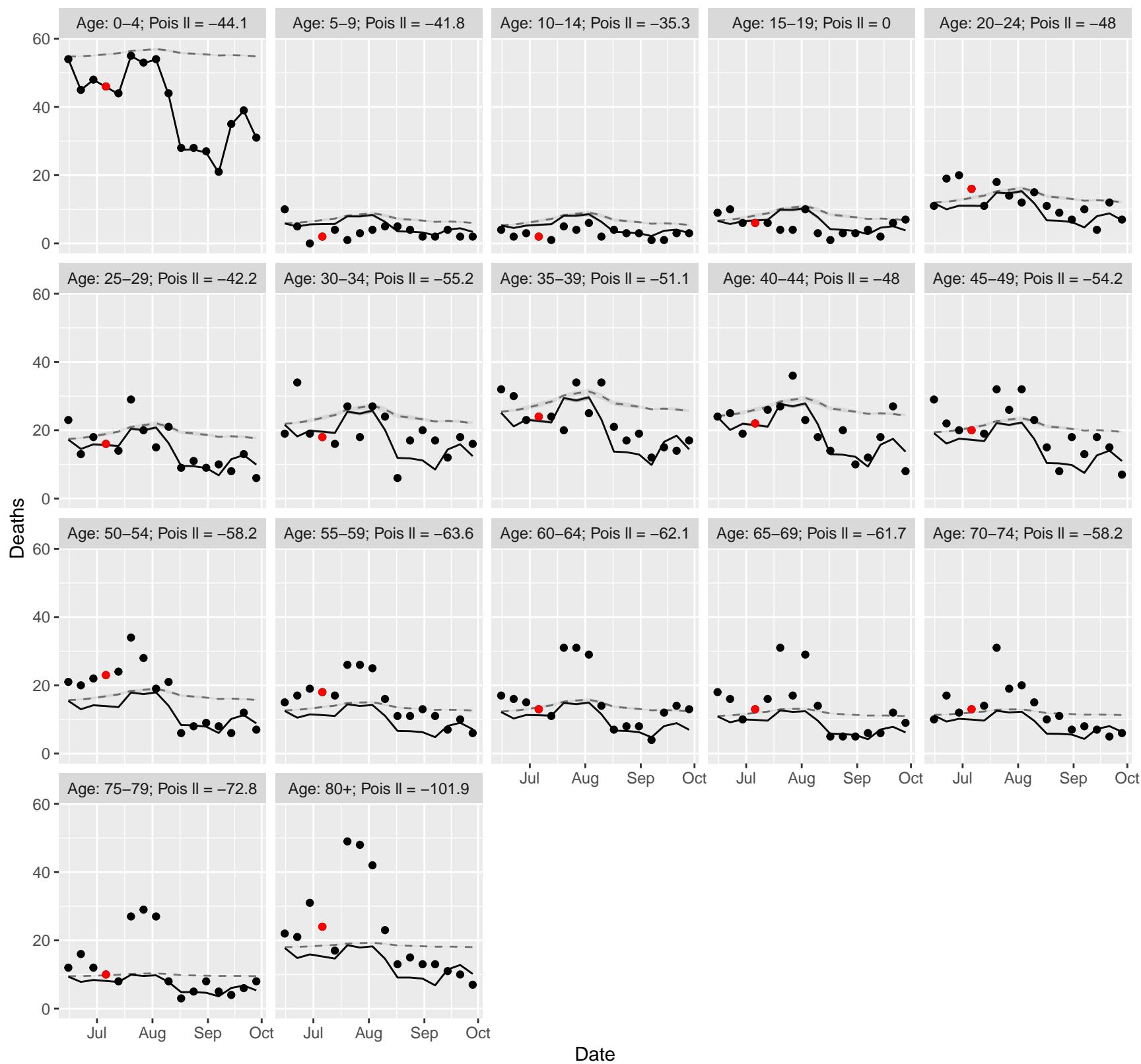
bin II = -138.6



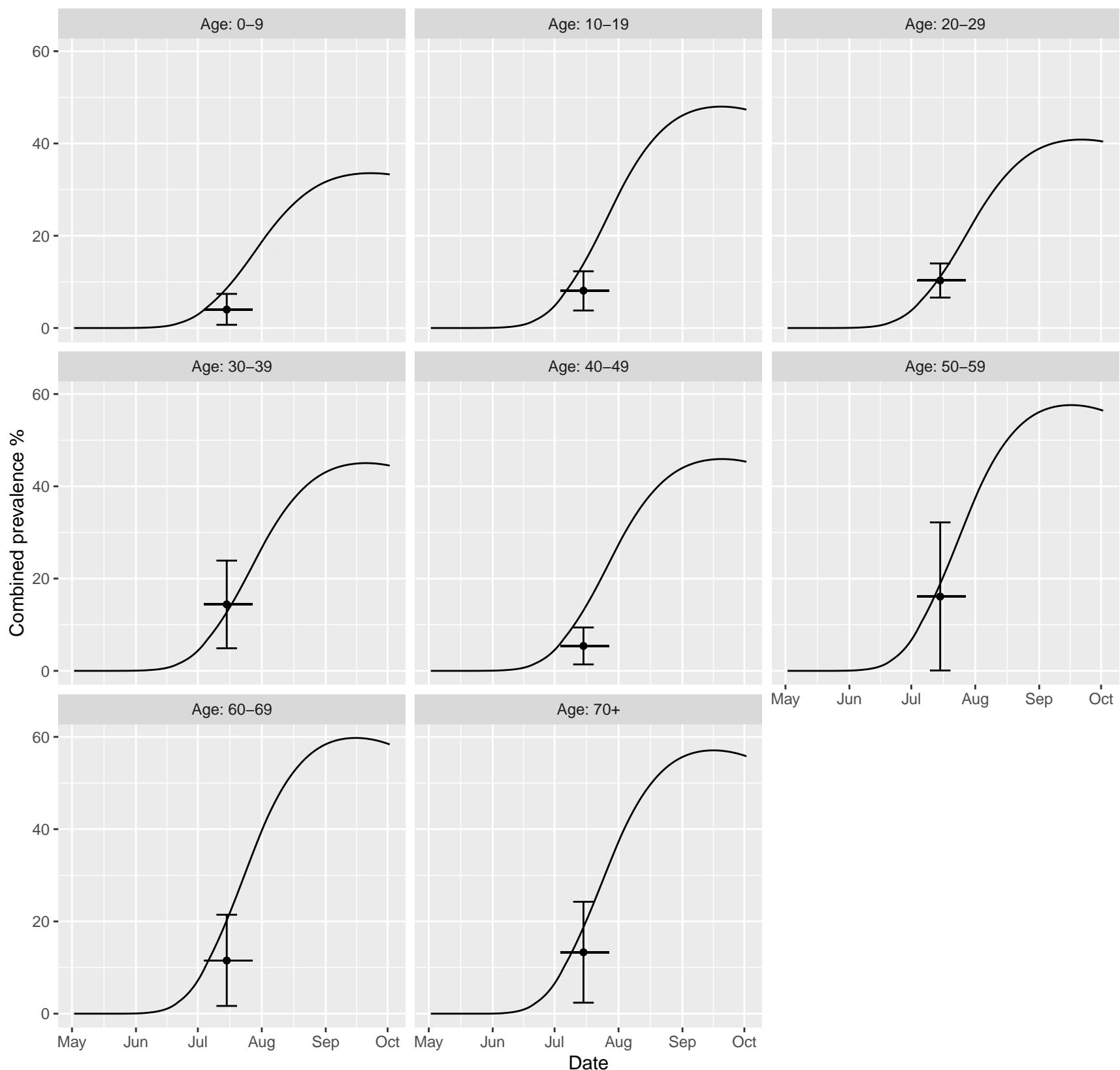
IFR x 0.4, Slope x 0.4

COVID-19 weekly deaths (Mortuary)

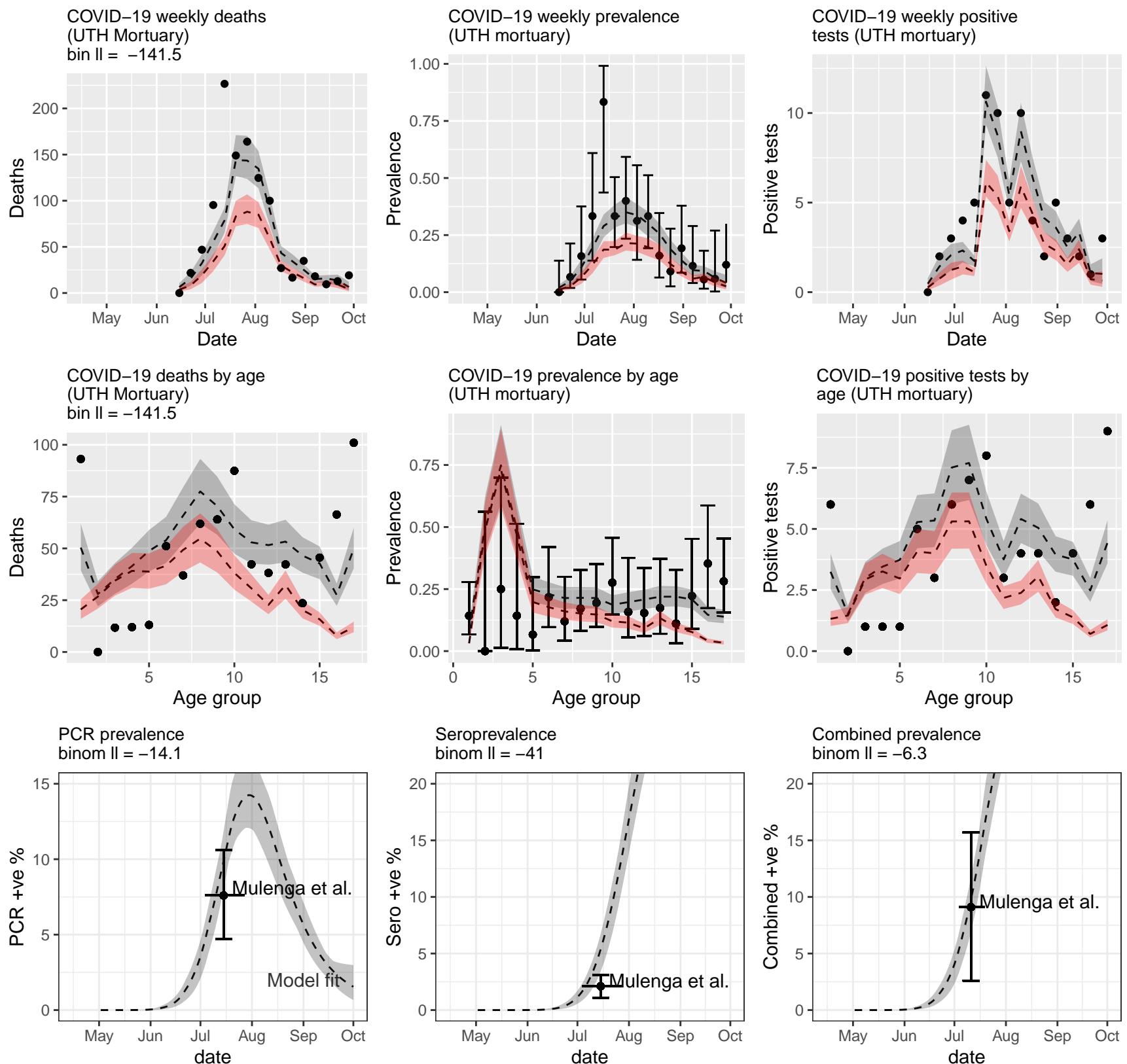
pois II = -898.3



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



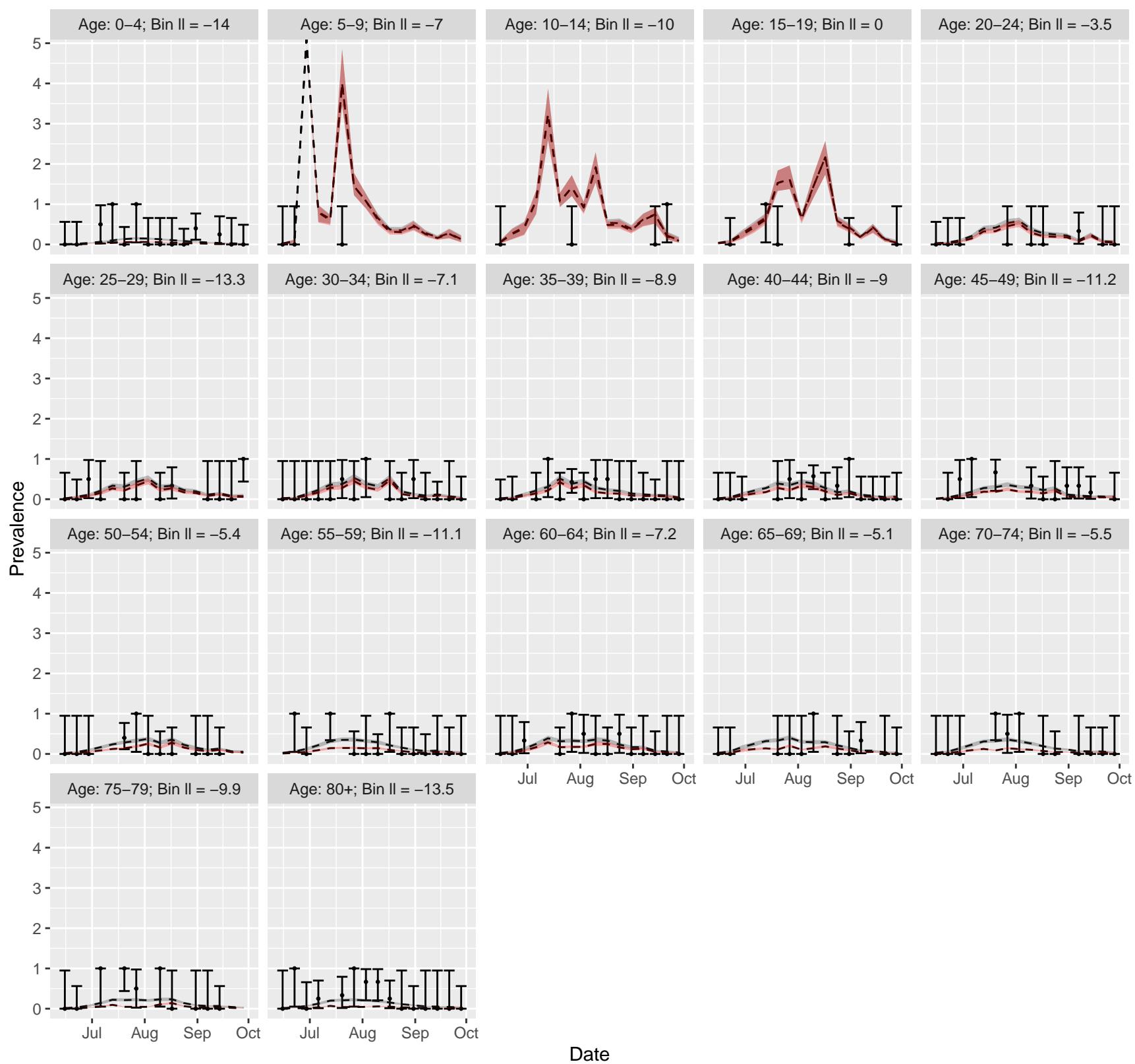
IFR x 0.6, Slope x 0.4



IFR x 0.6, Slope x 0.4

COVID-19 weekly prevalence (Mortuary)

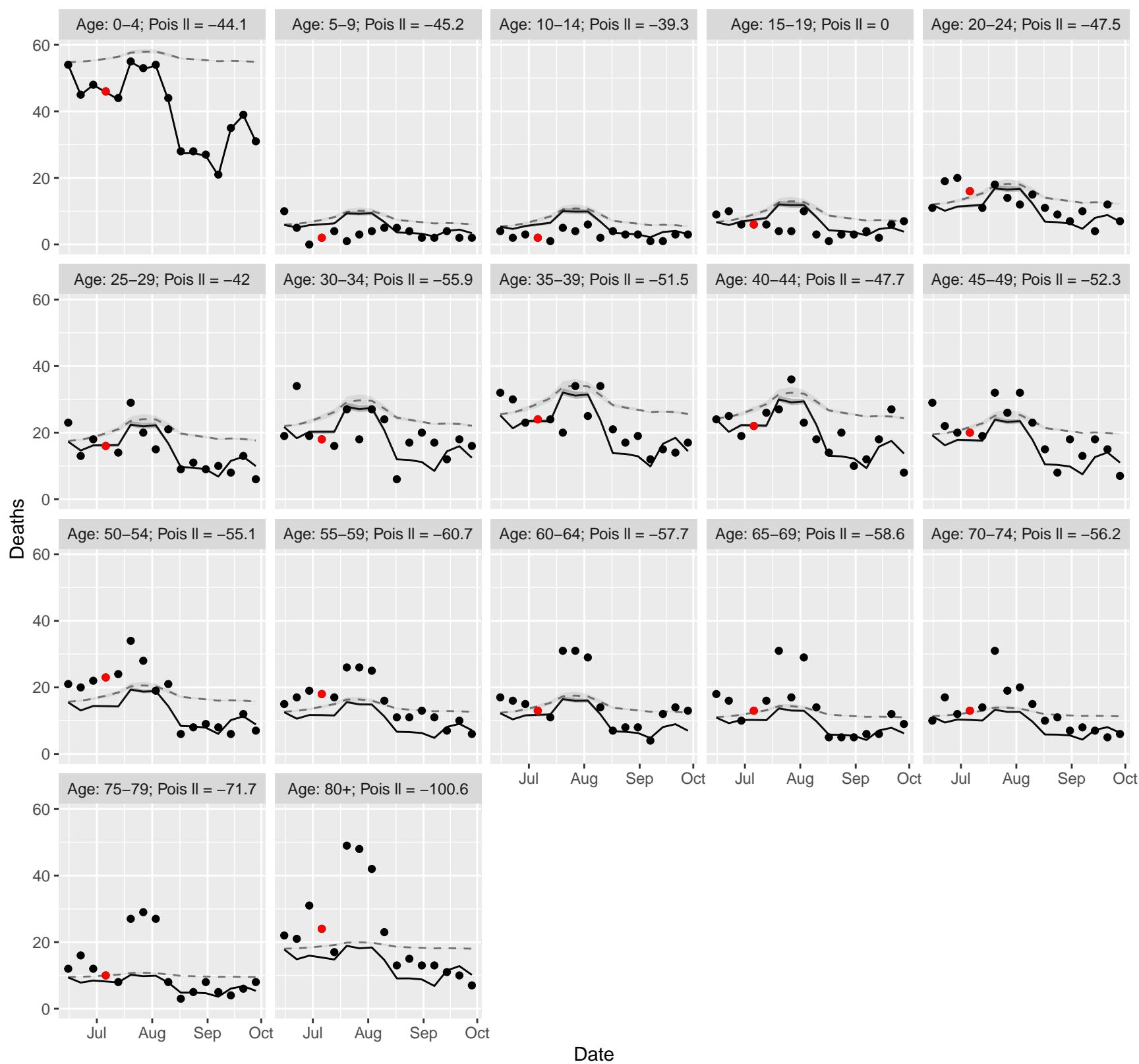
bin II = -141.5



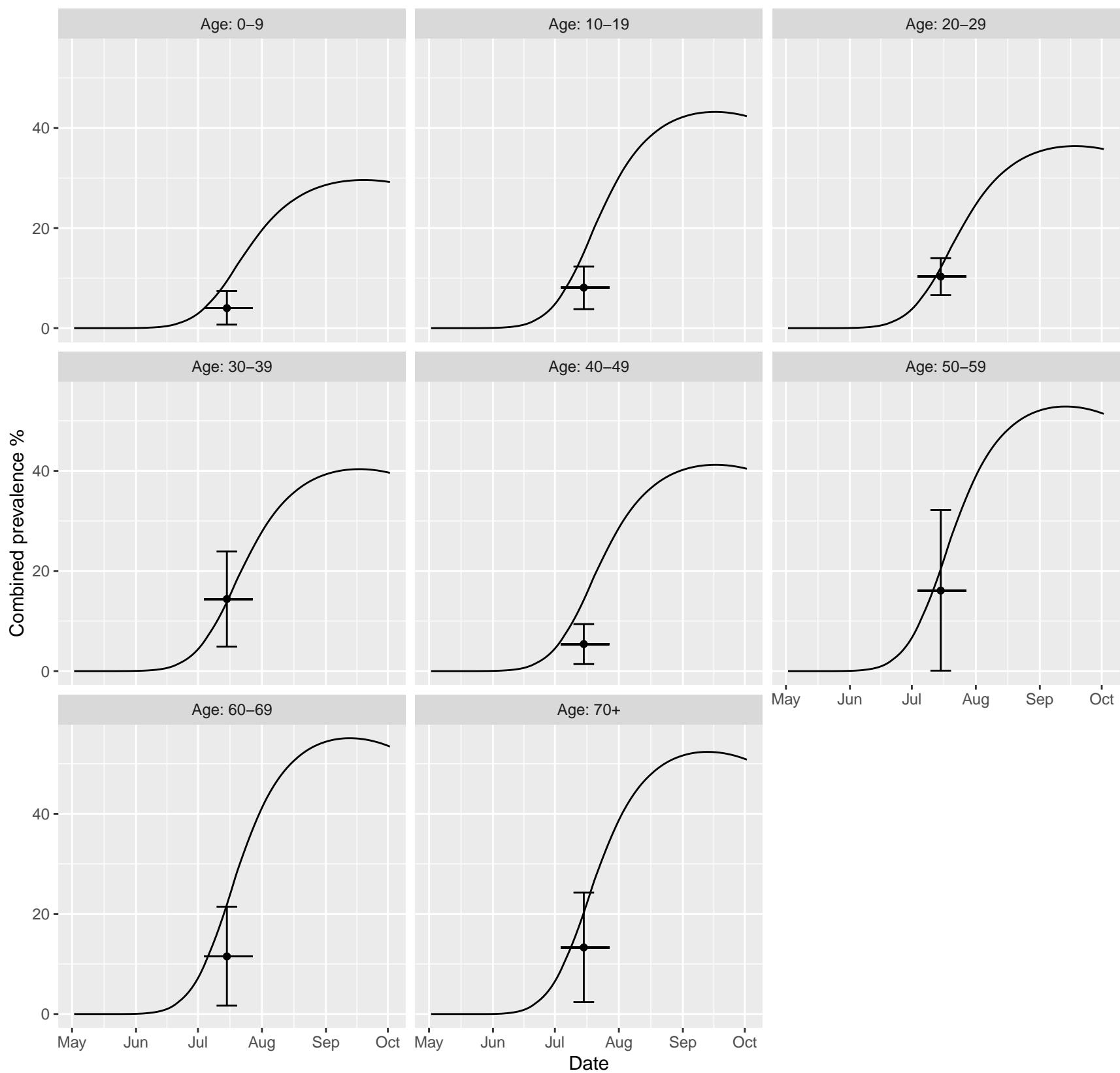
IFR x 0.6, Slope x 0.4

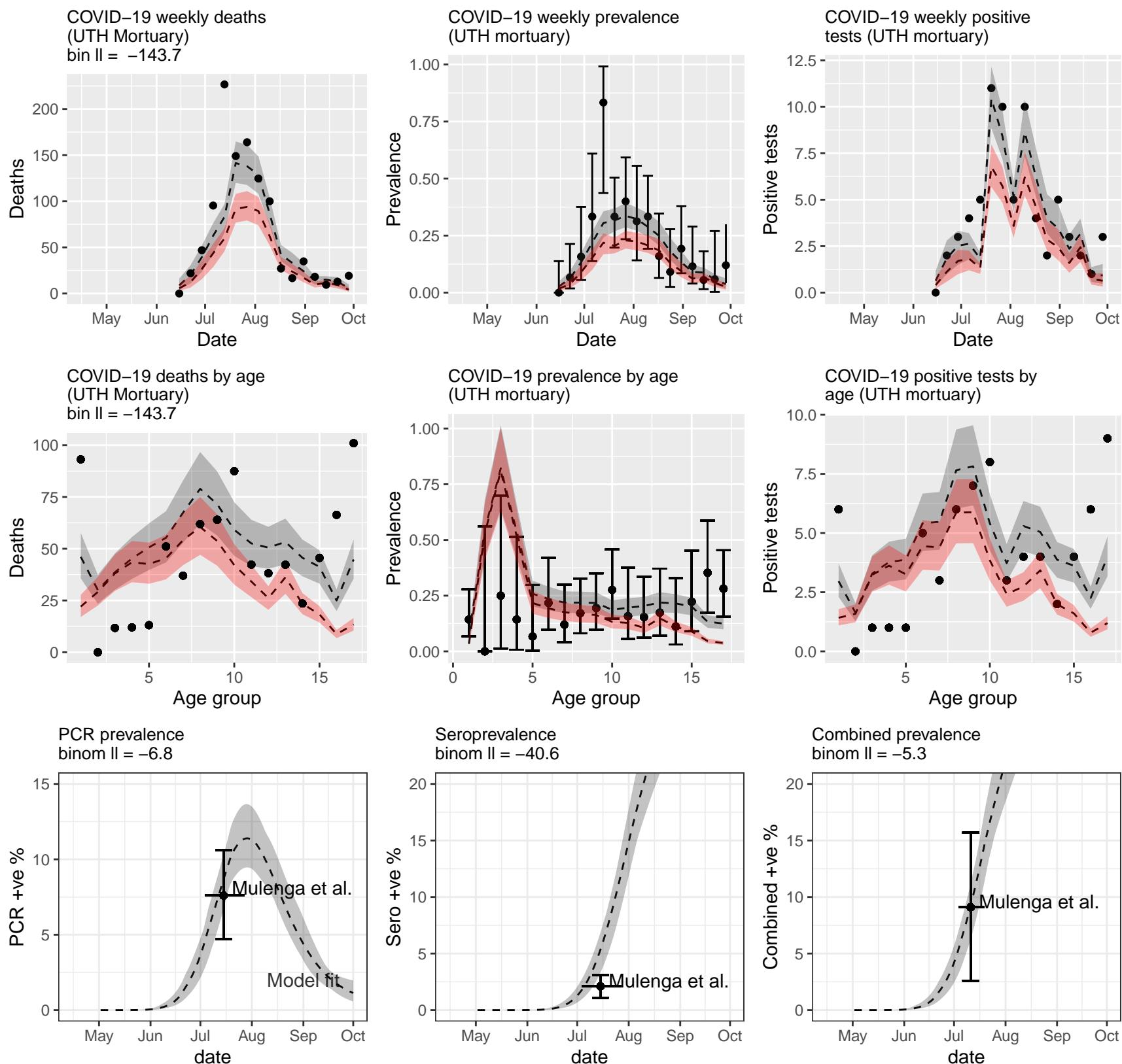
COVID-19 weekly deaths (Mortuary)

pois II = -886.1



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

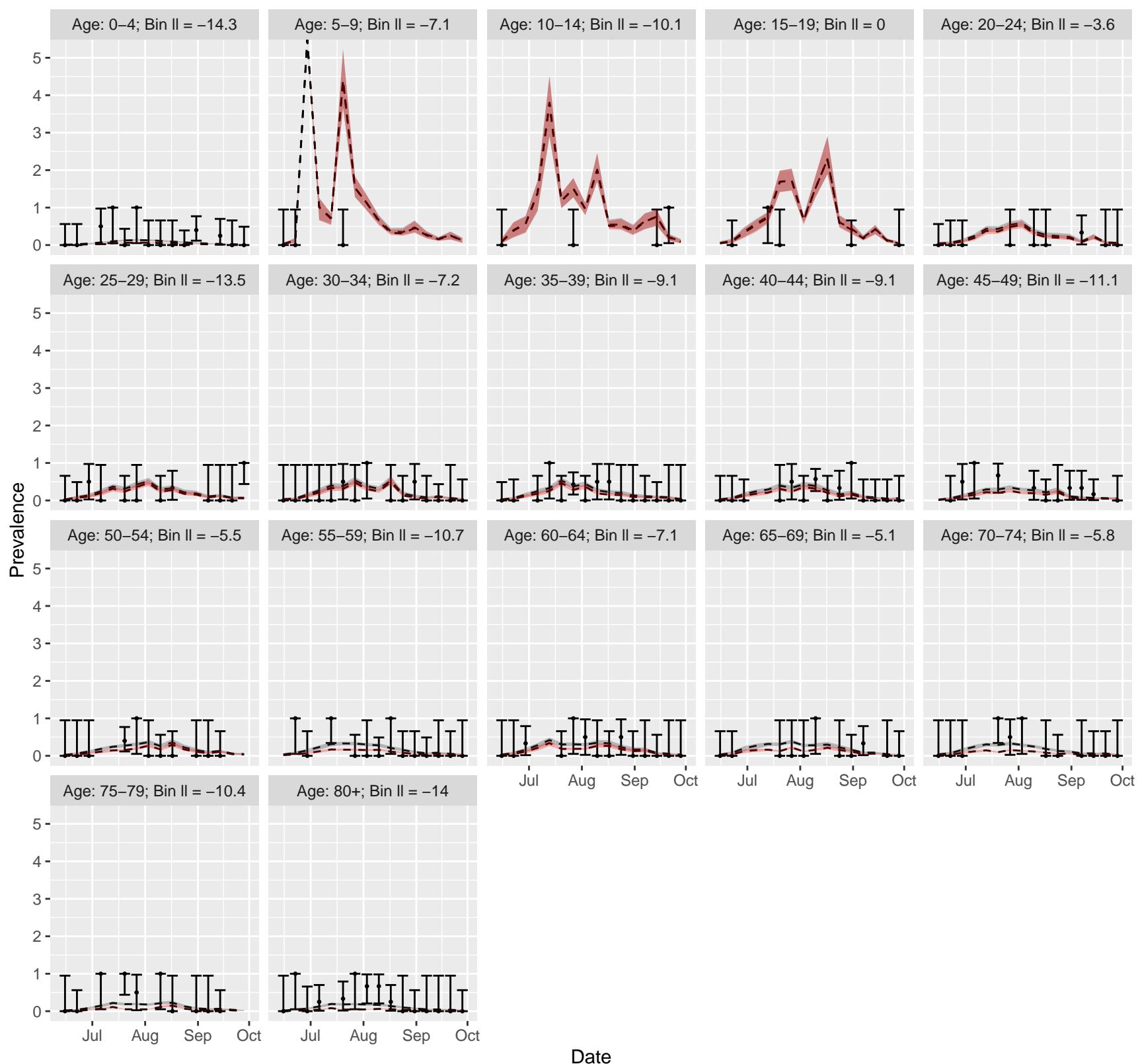




IFR x 0.8, Slope x 0.4

COVID-19 weekly prevalence (Mortuary)

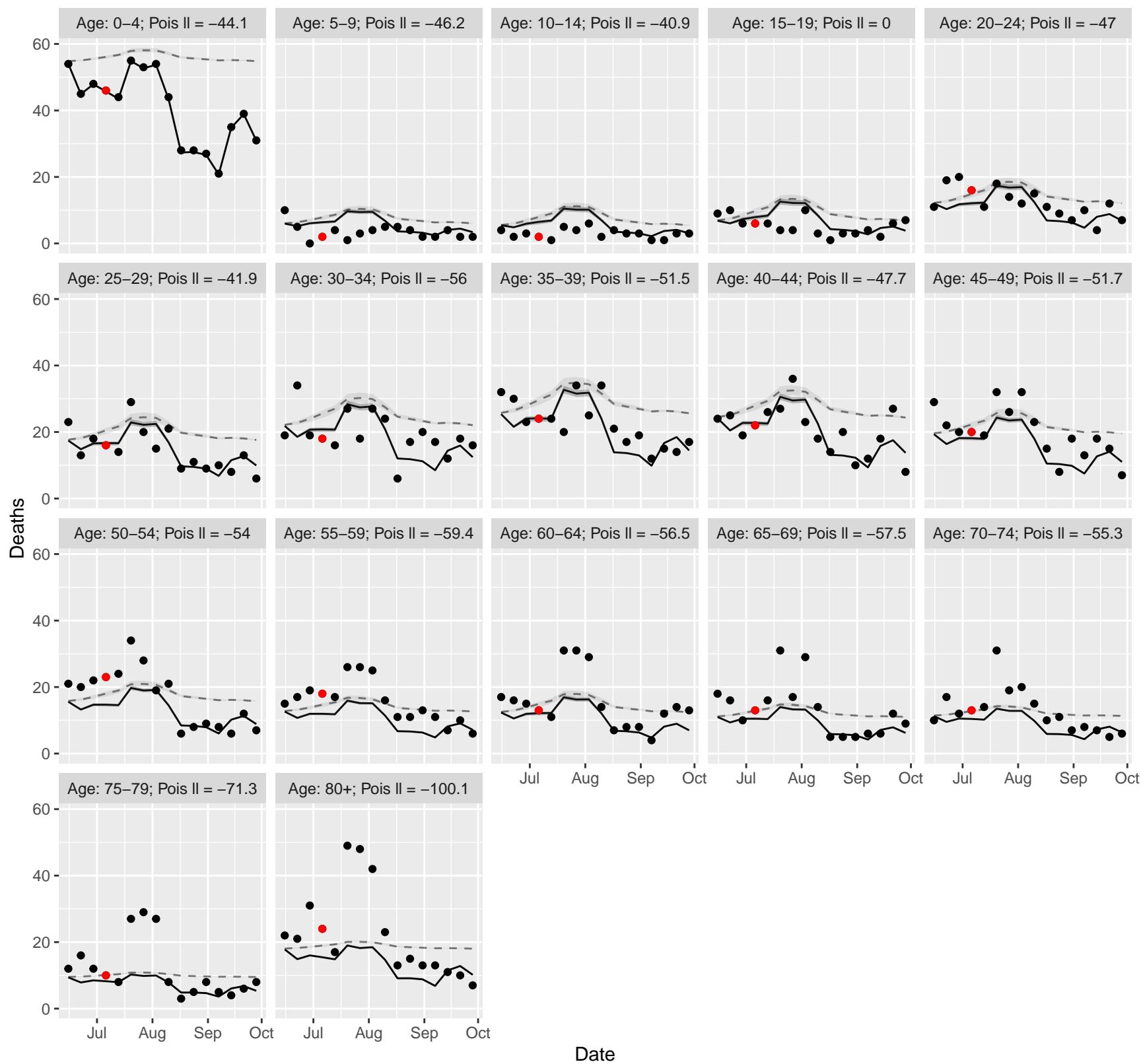
bin II = -143.7



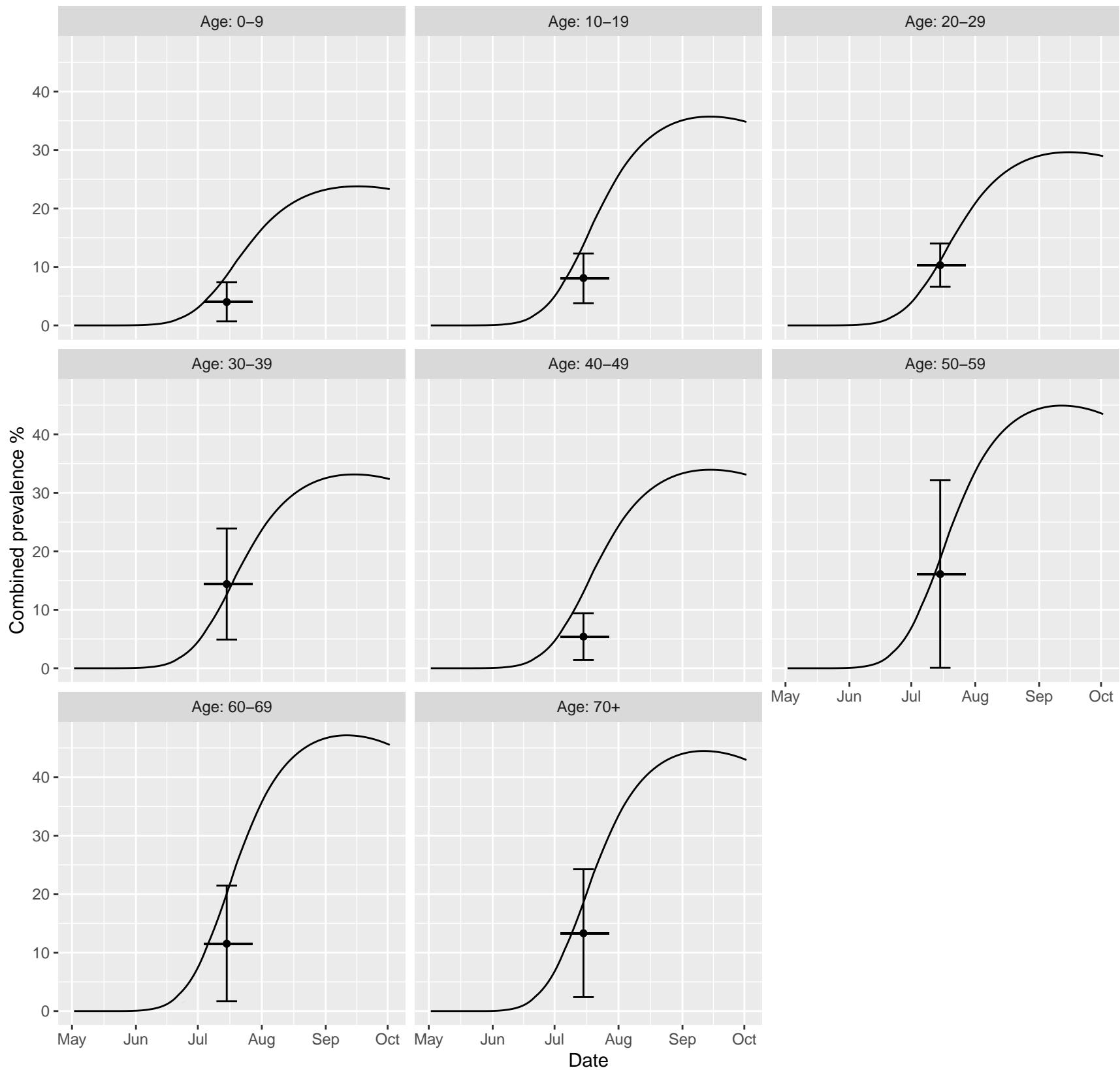
IFR x 0.8, Slope x 0.4

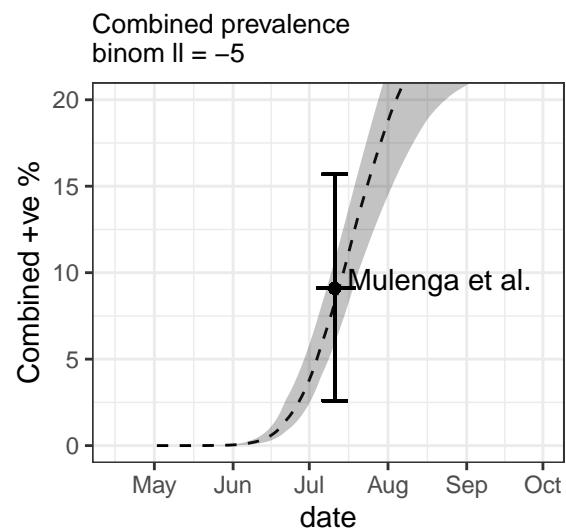
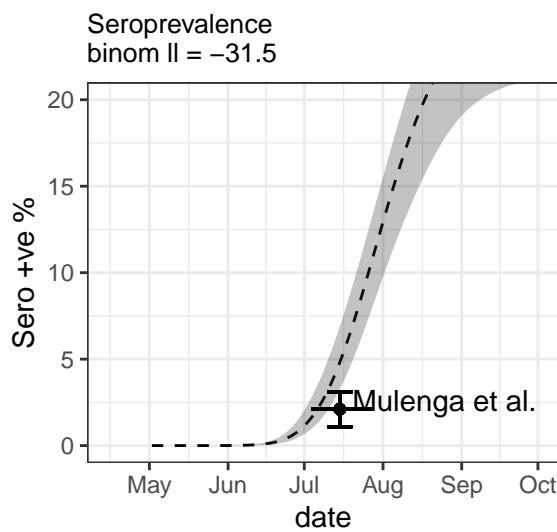
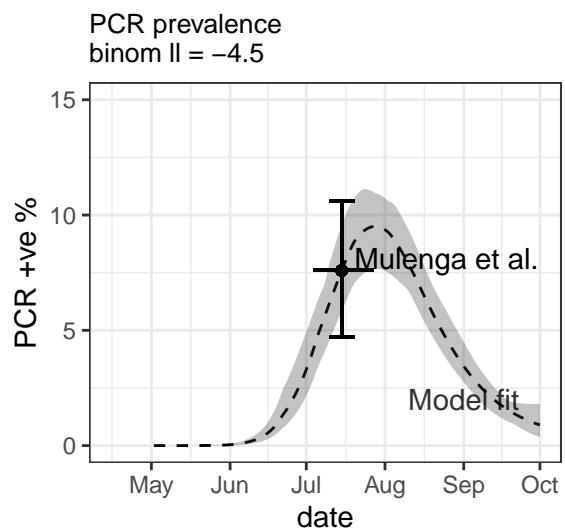
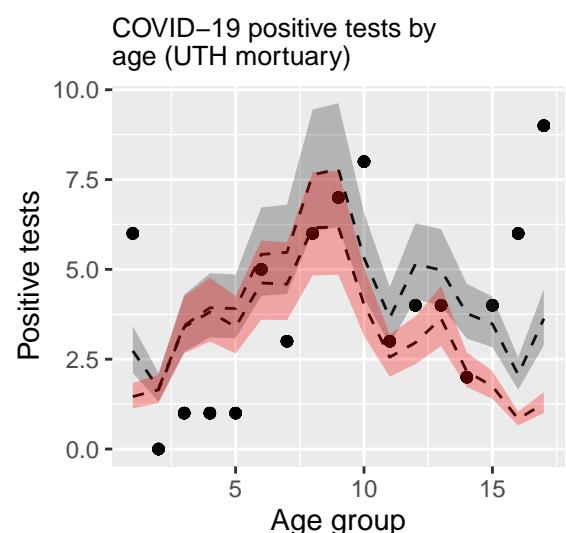
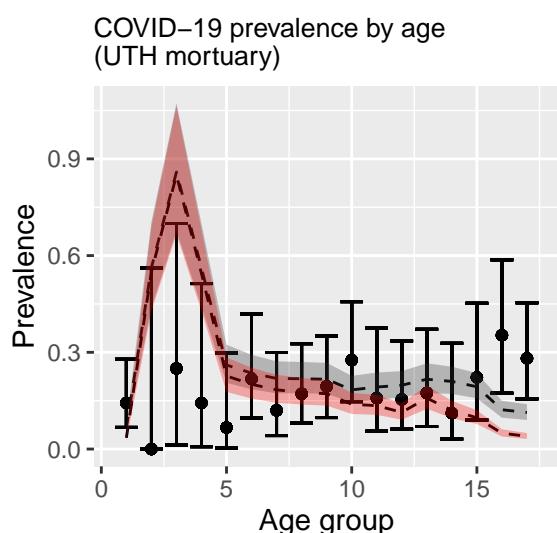
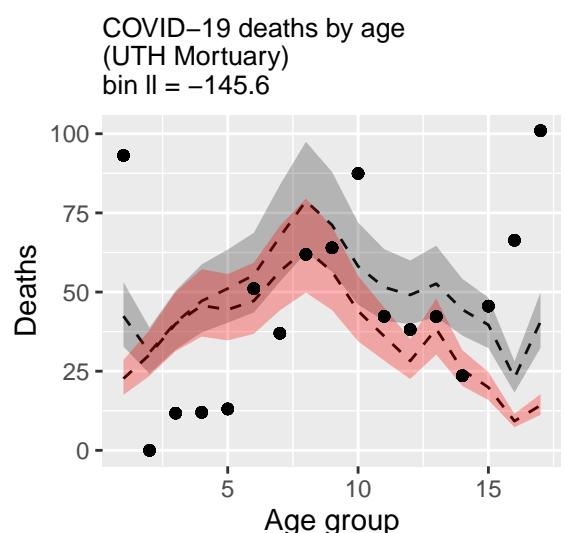
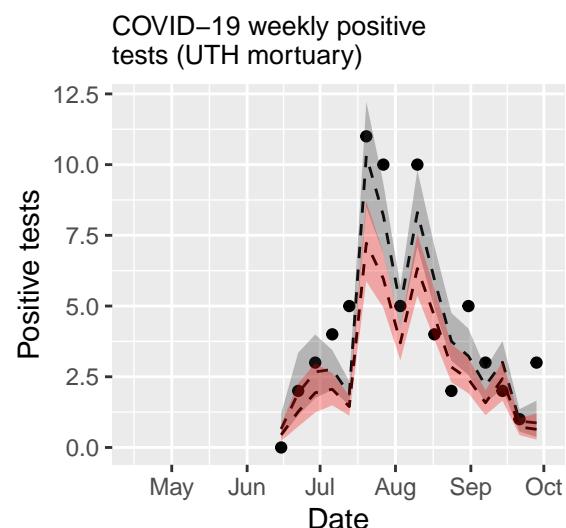
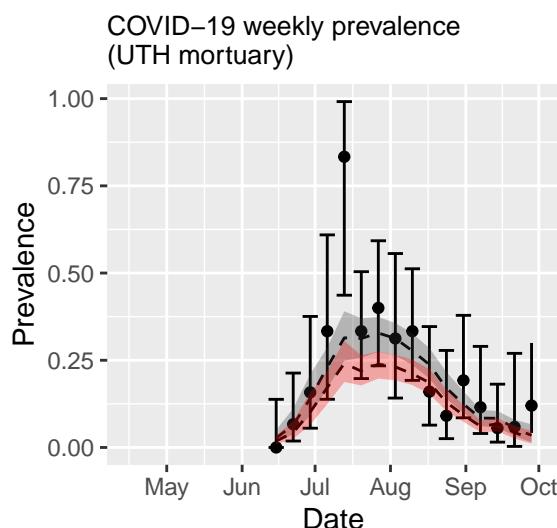
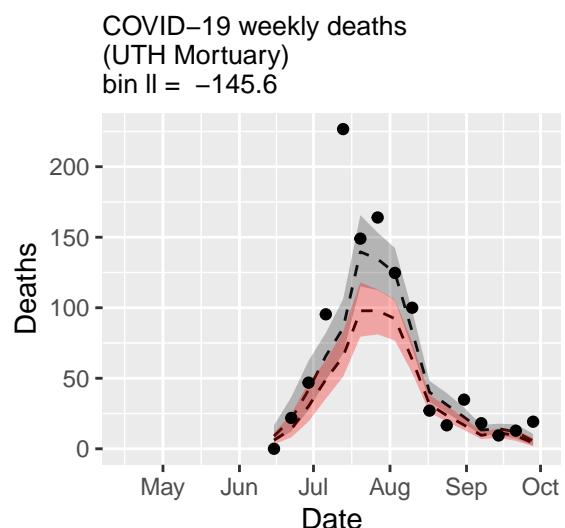
COVID-19 weekly deaths (Mortuary)

pois II = -881



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

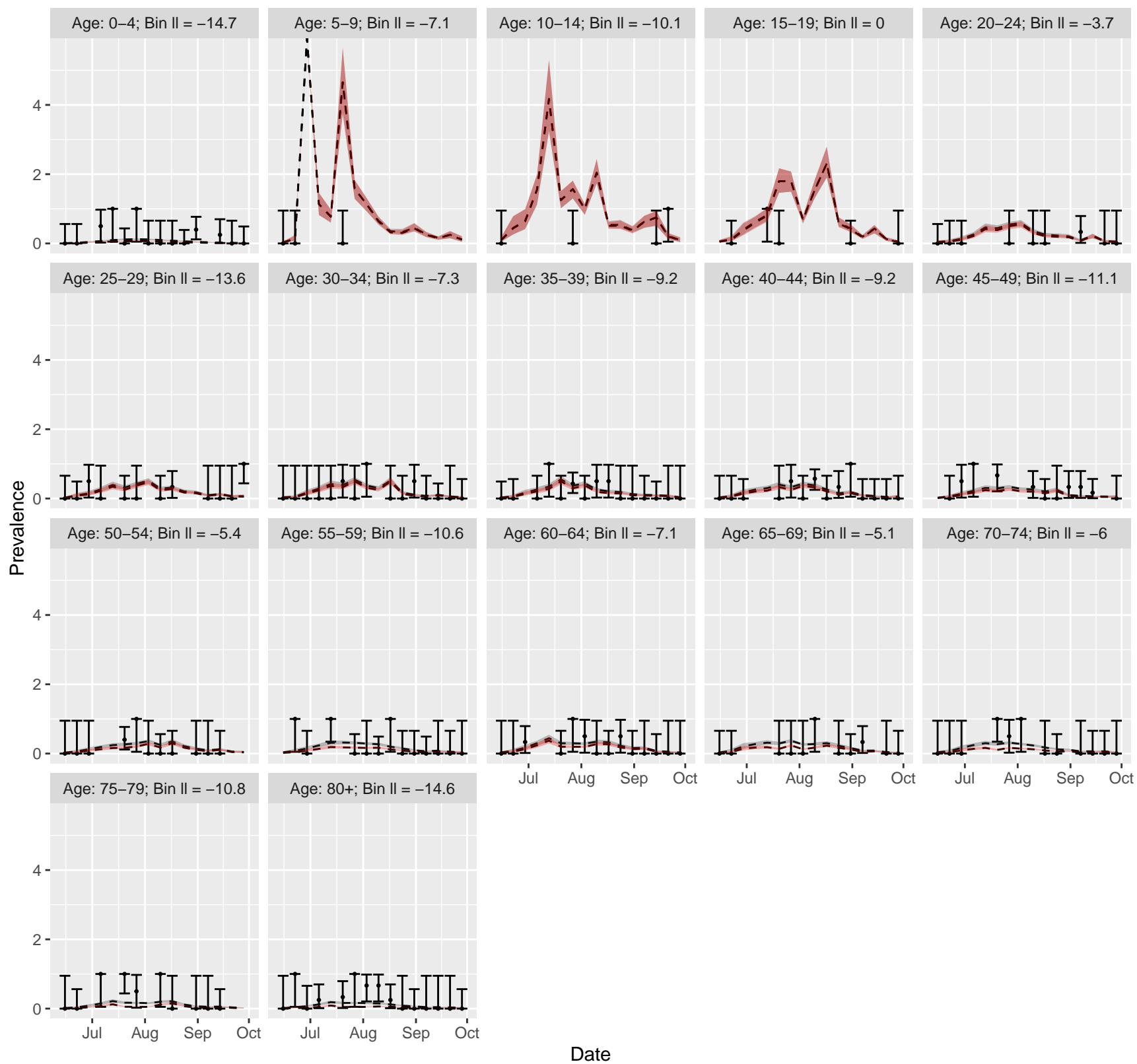




IFR x 1, Slope x 0.4

COVID-19 weekly prevalence (Mortuary)

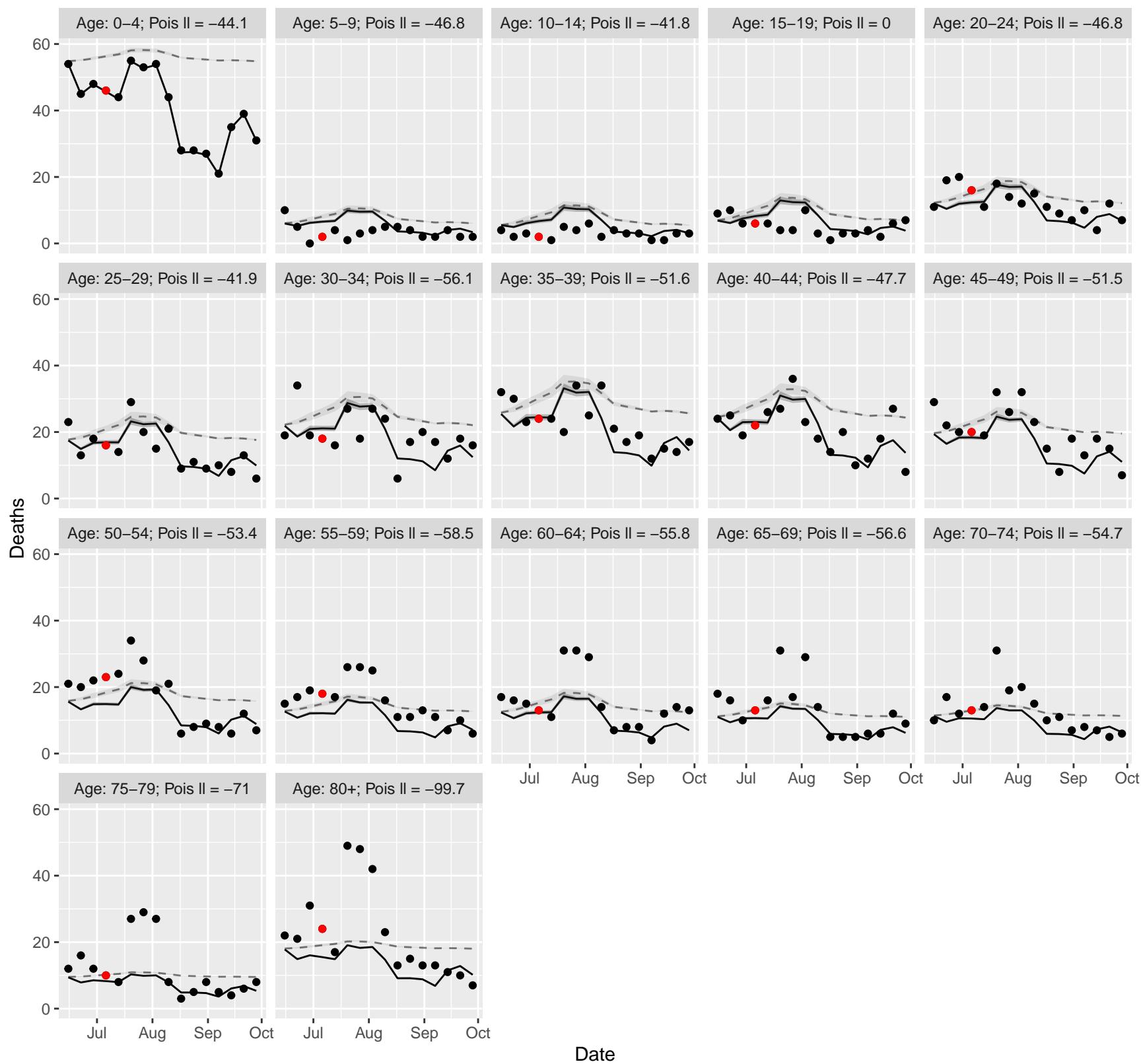
bin II = -145.6



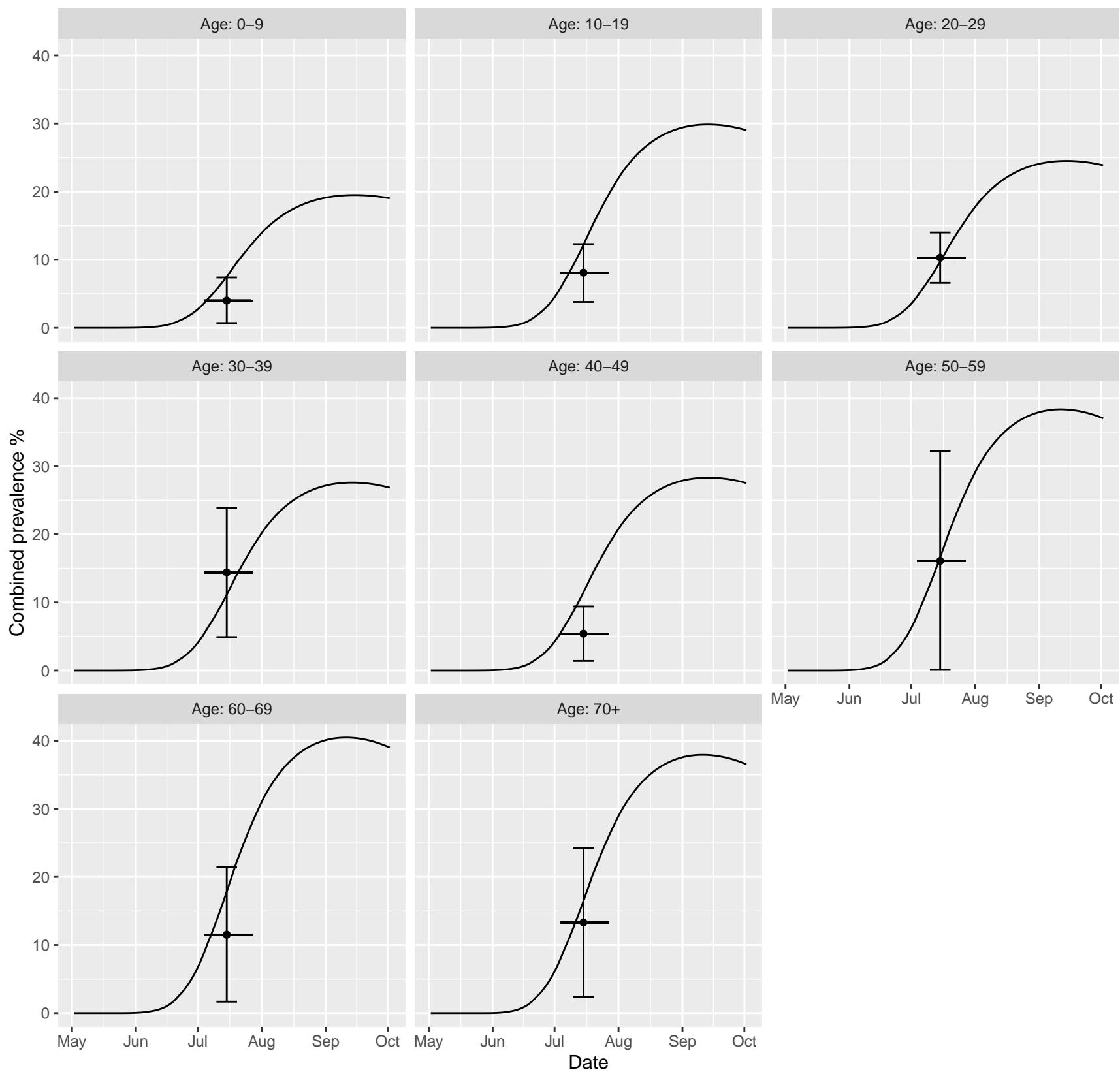
IFR x 1, Slope x 0.4

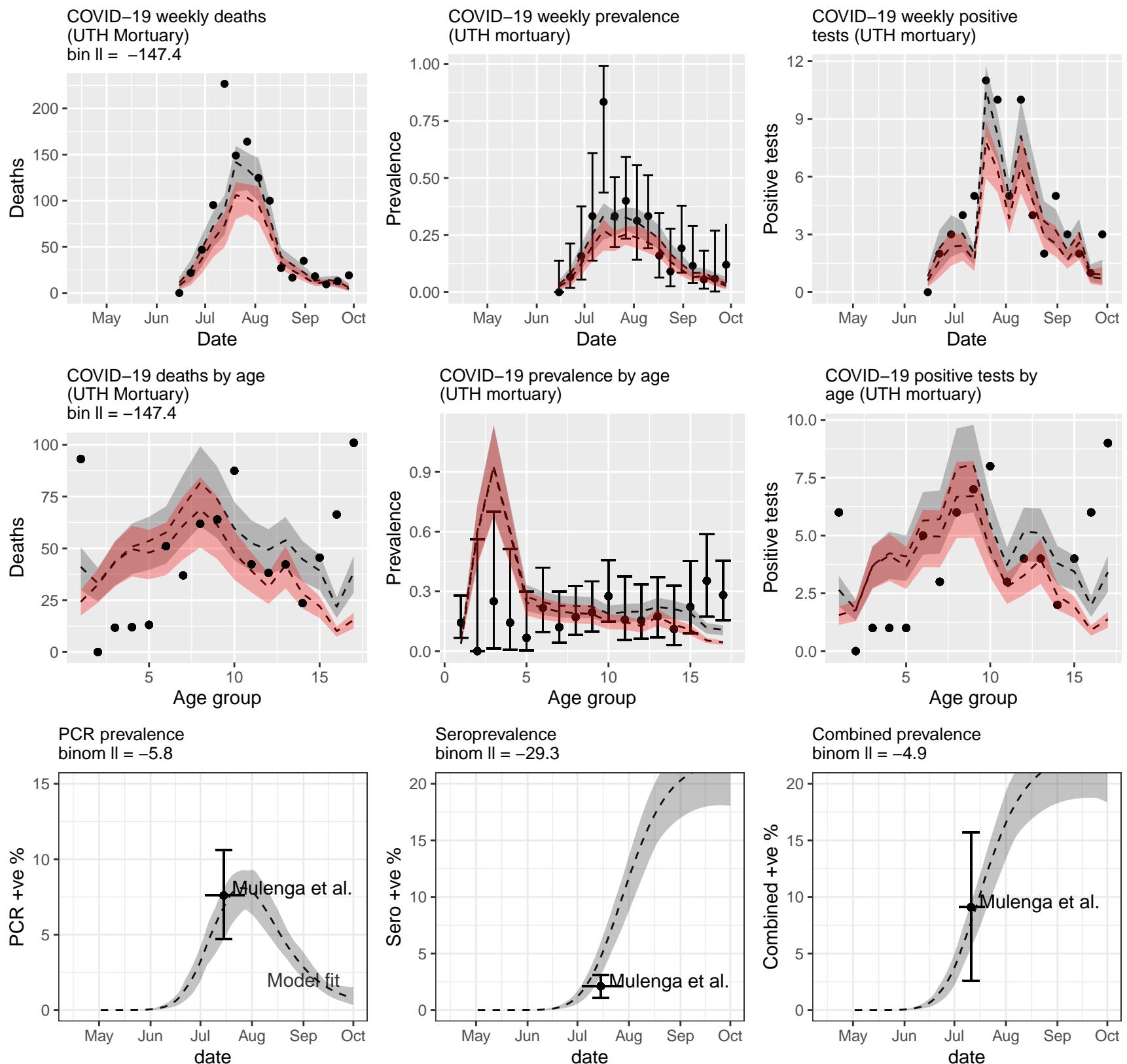
COVID-19 weekly deaths (Mortuary)

pois II = -878



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

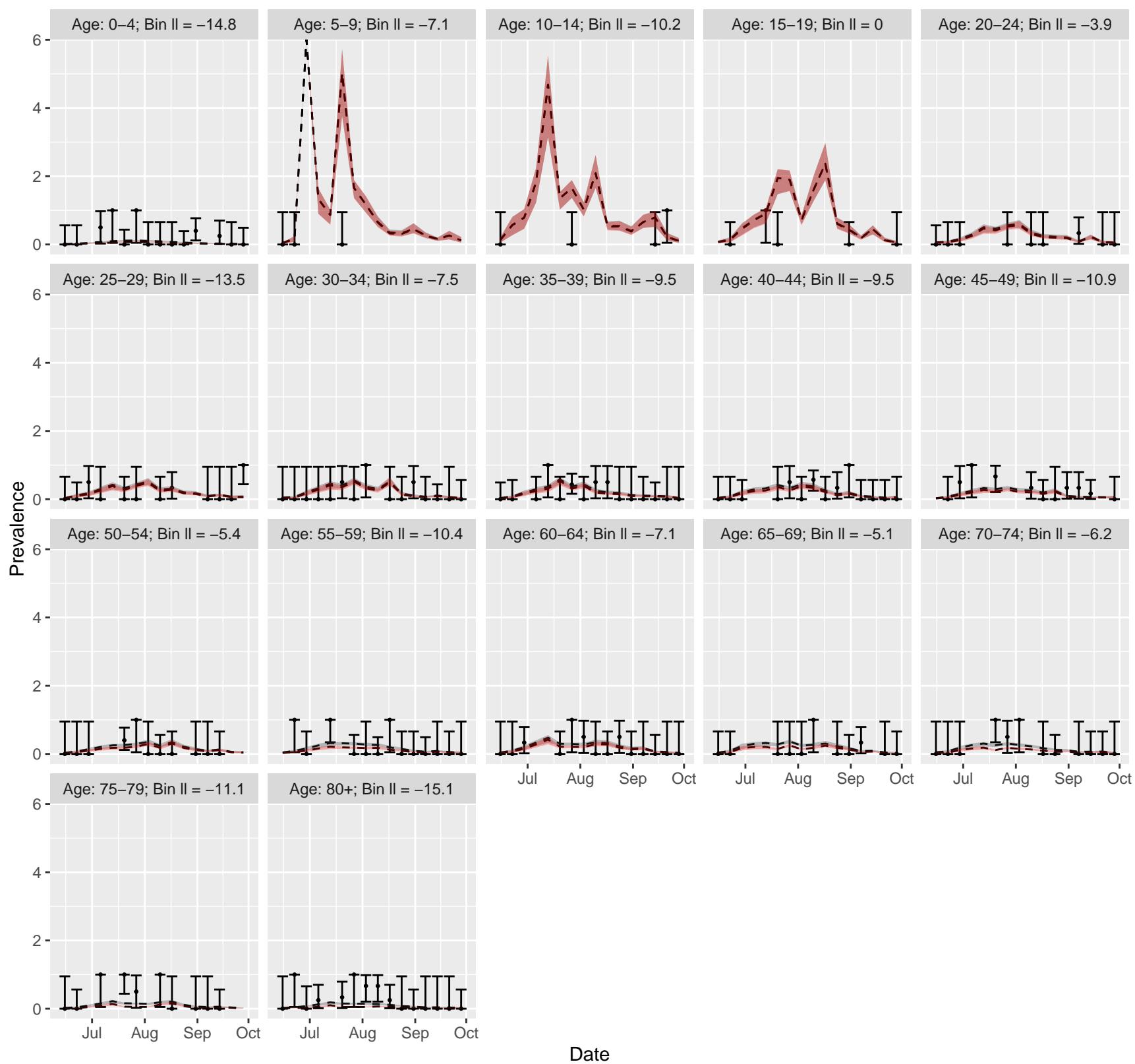




IFR x 1.25, Slope x 0.4

COVID-19 weekly prevalence (Mortuary)

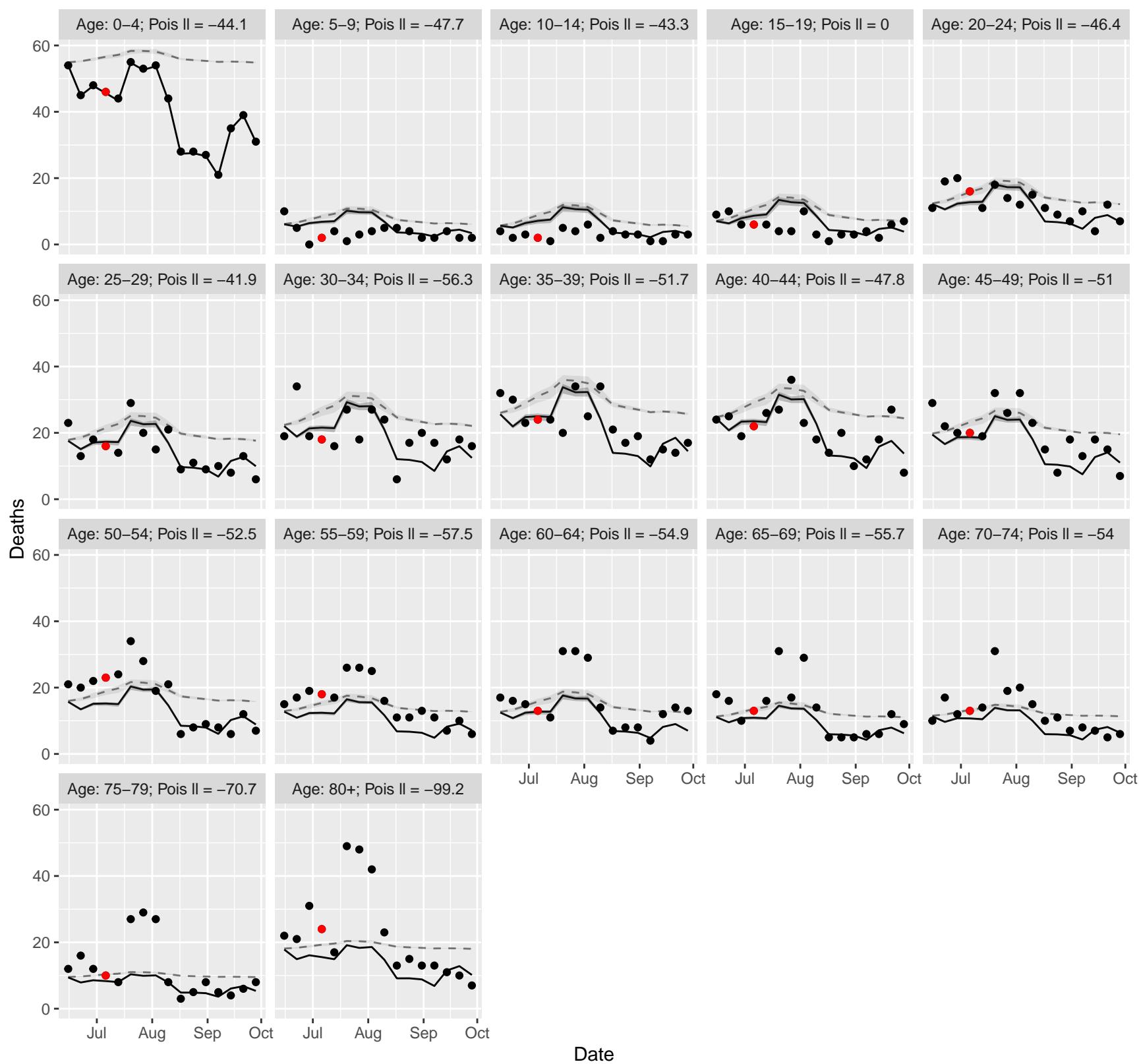
bin II = -147.4



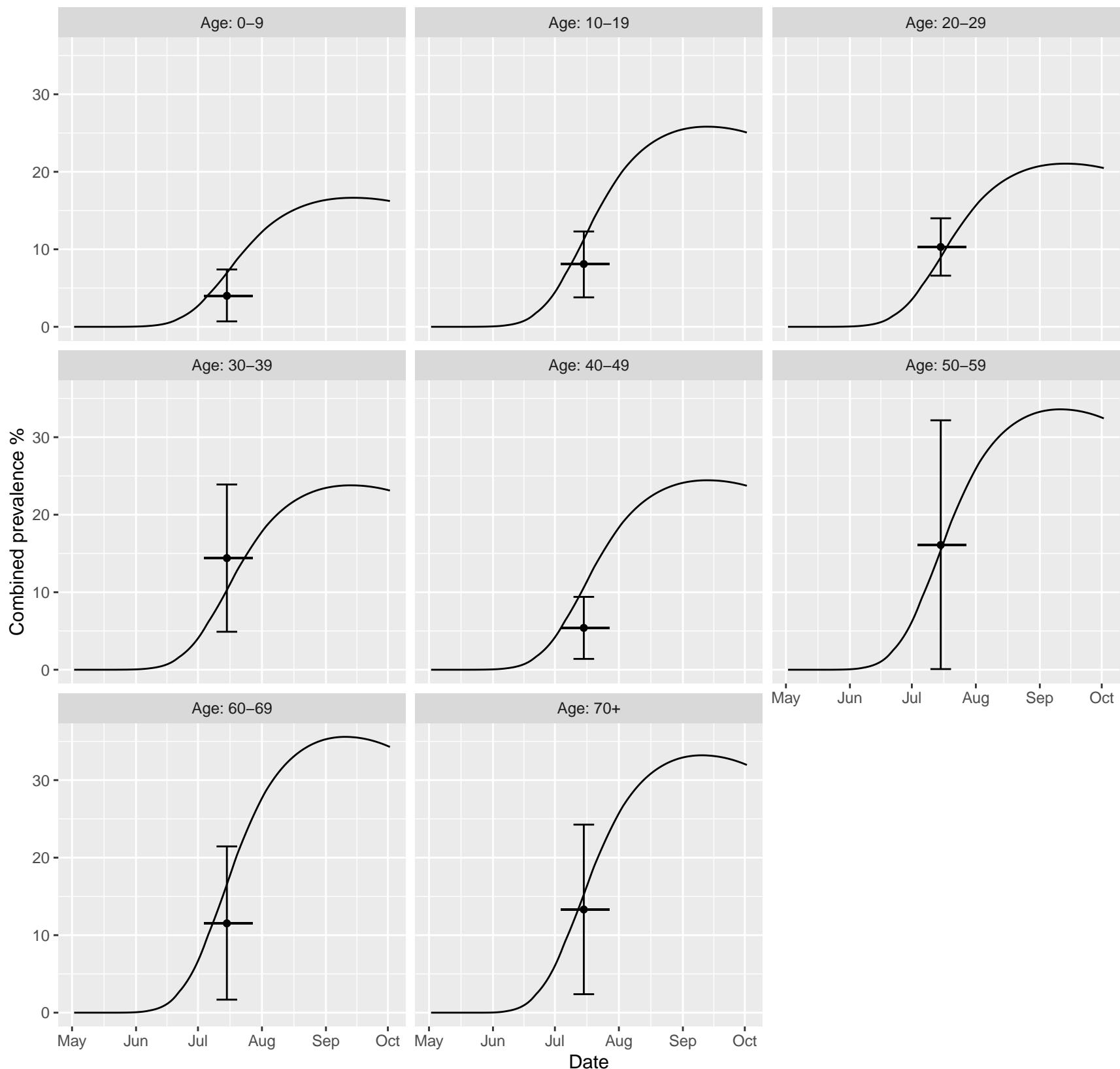
IFR x 1.25, Slope x 0.4

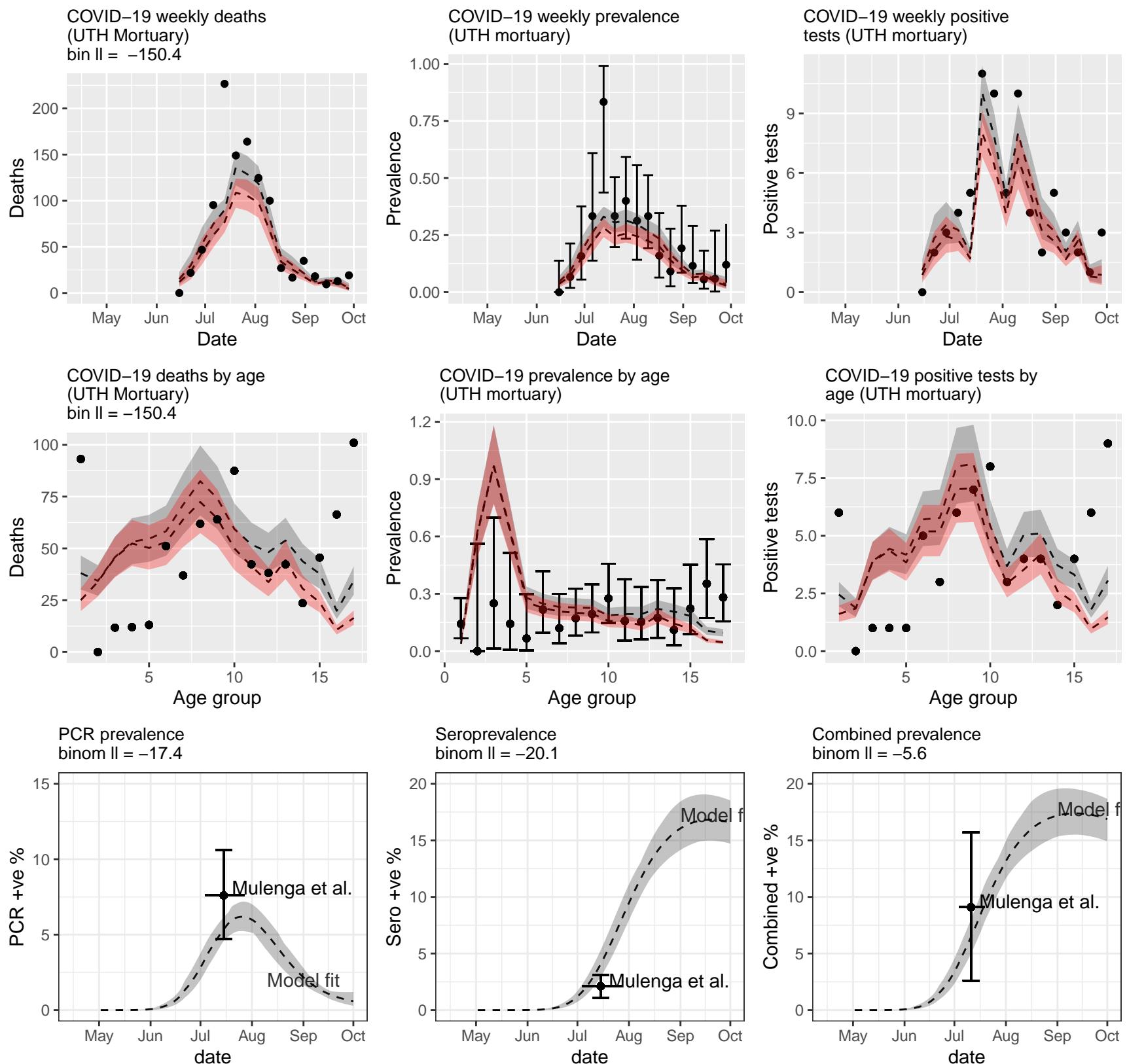
COVID-19 weekly deaths (Mortuary)

pois II = -874.8

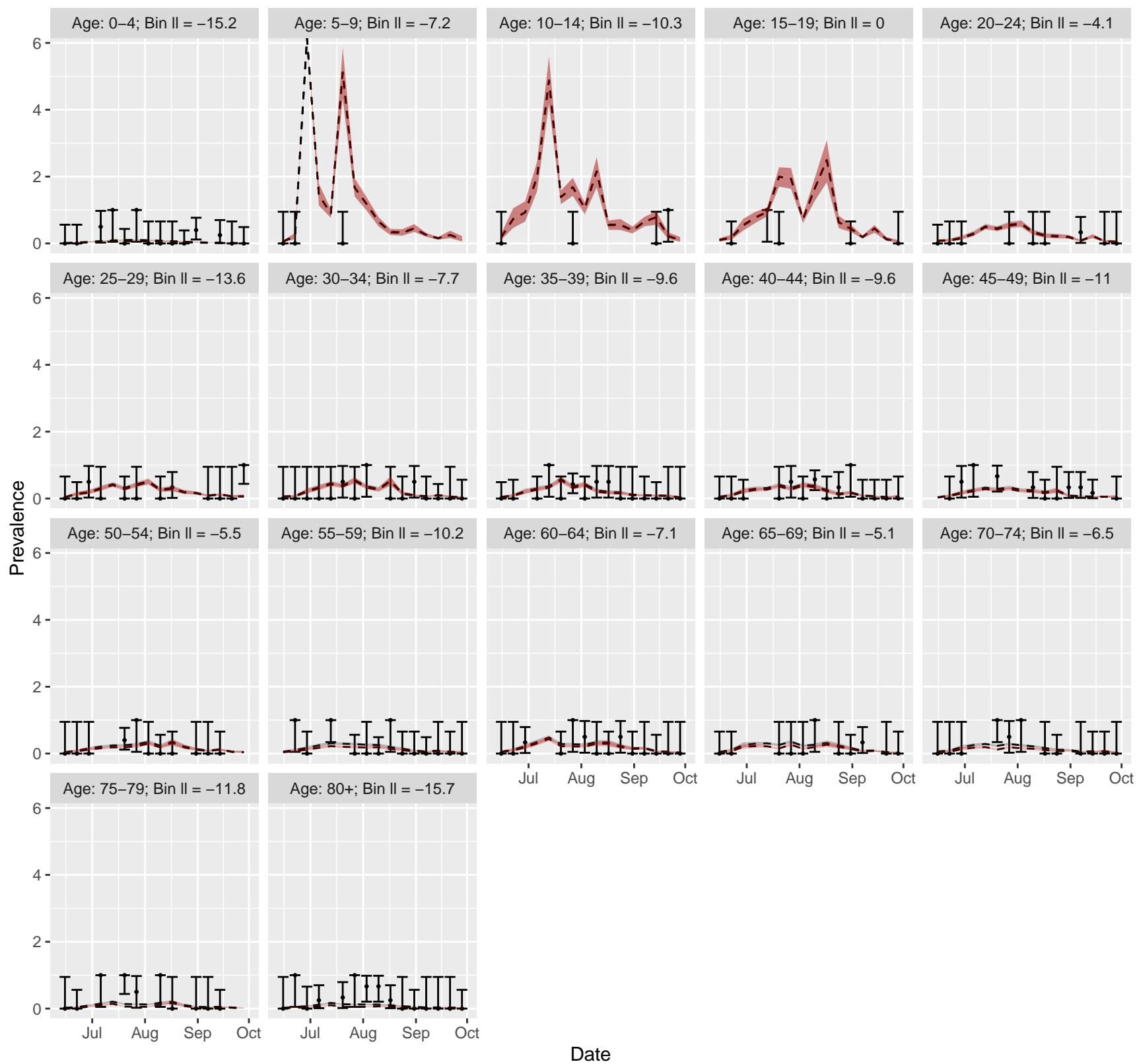


IFR x 1.25, Slope x 0.4  
Modelled COVID-19 Combined prevalence Lusaka

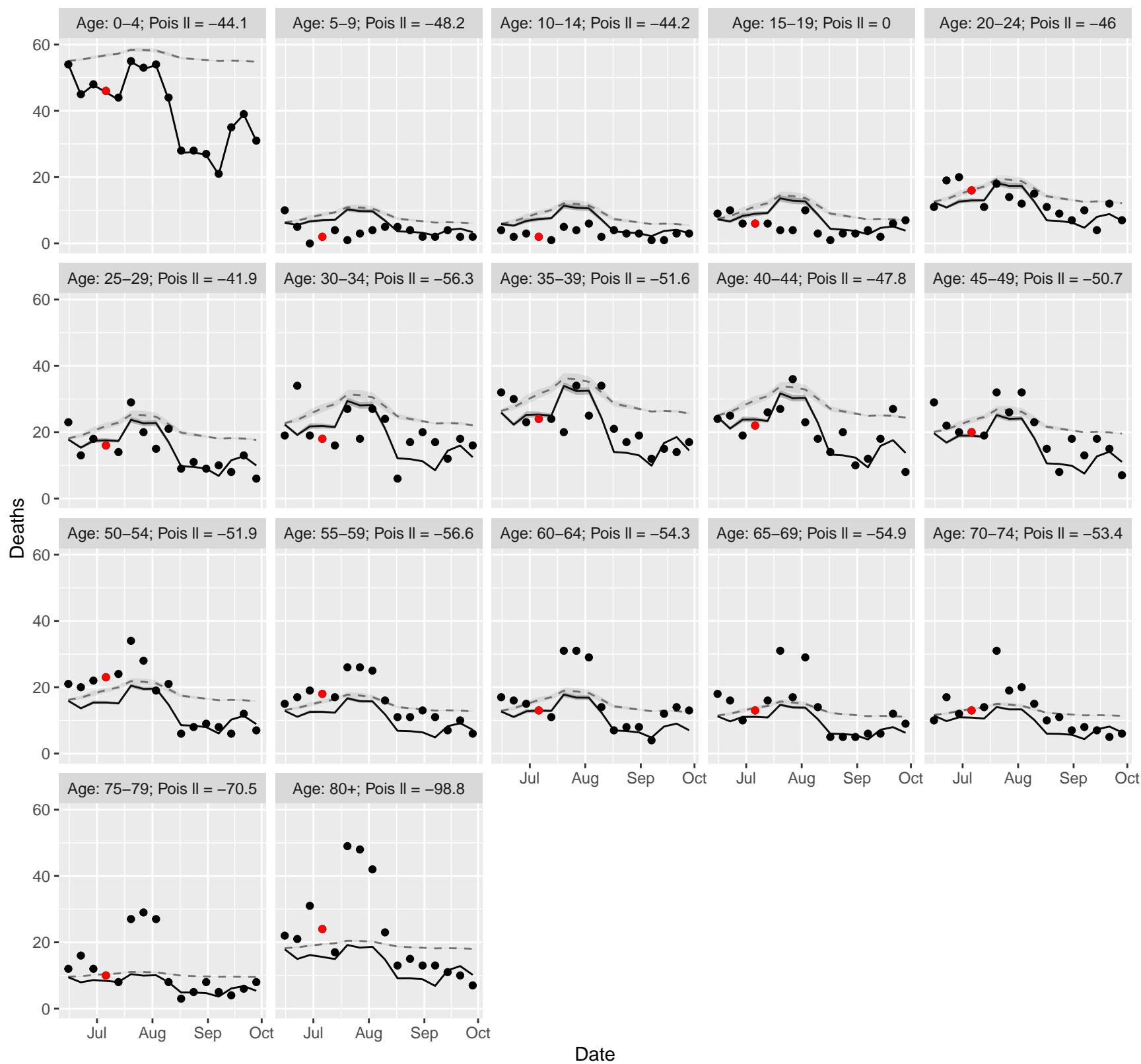




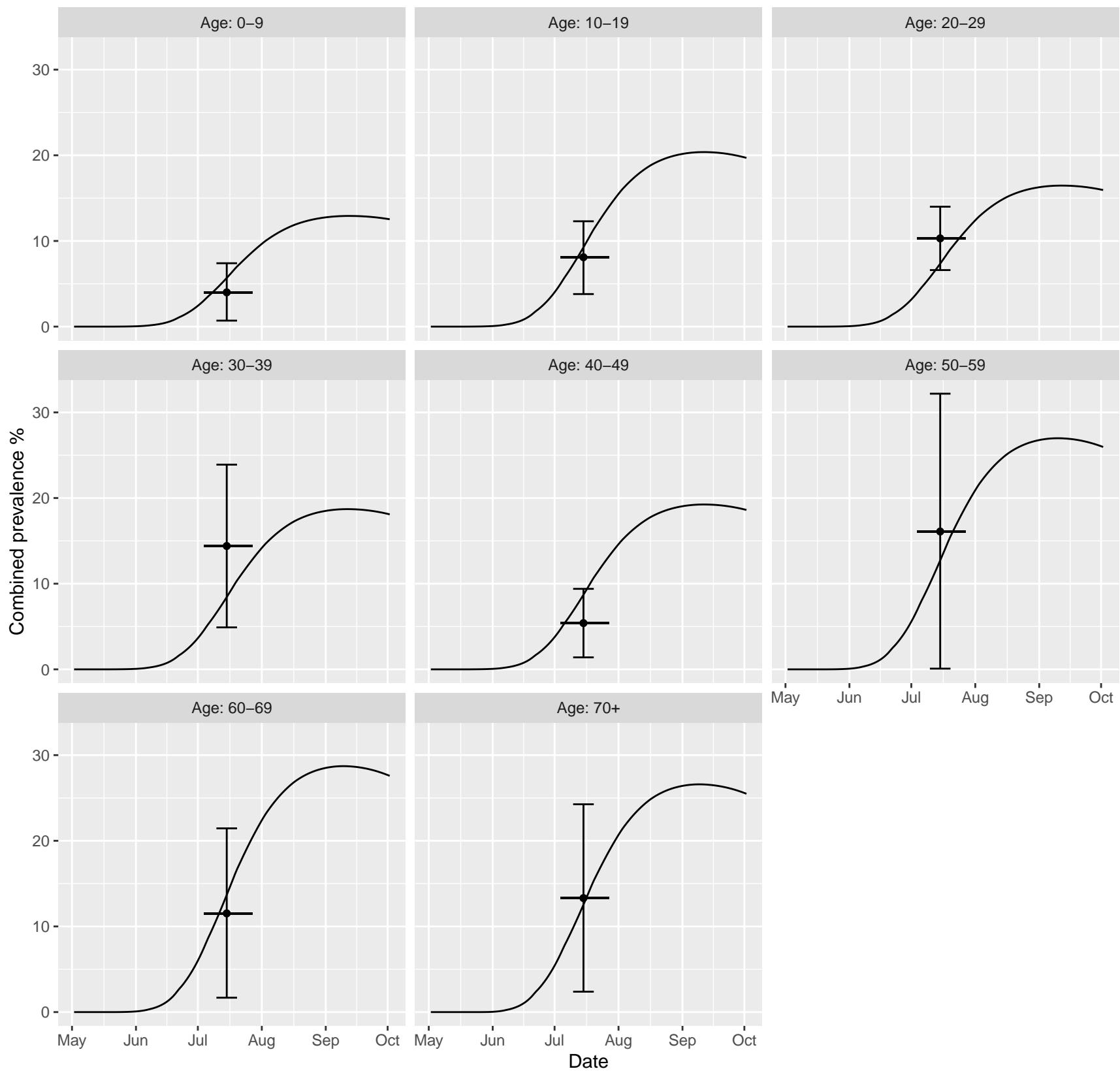
IFR x 1.66666666666667, Slope x 0.4  
COVID-19 weekly prevalence (Mortuary)  
bin II = -150.4

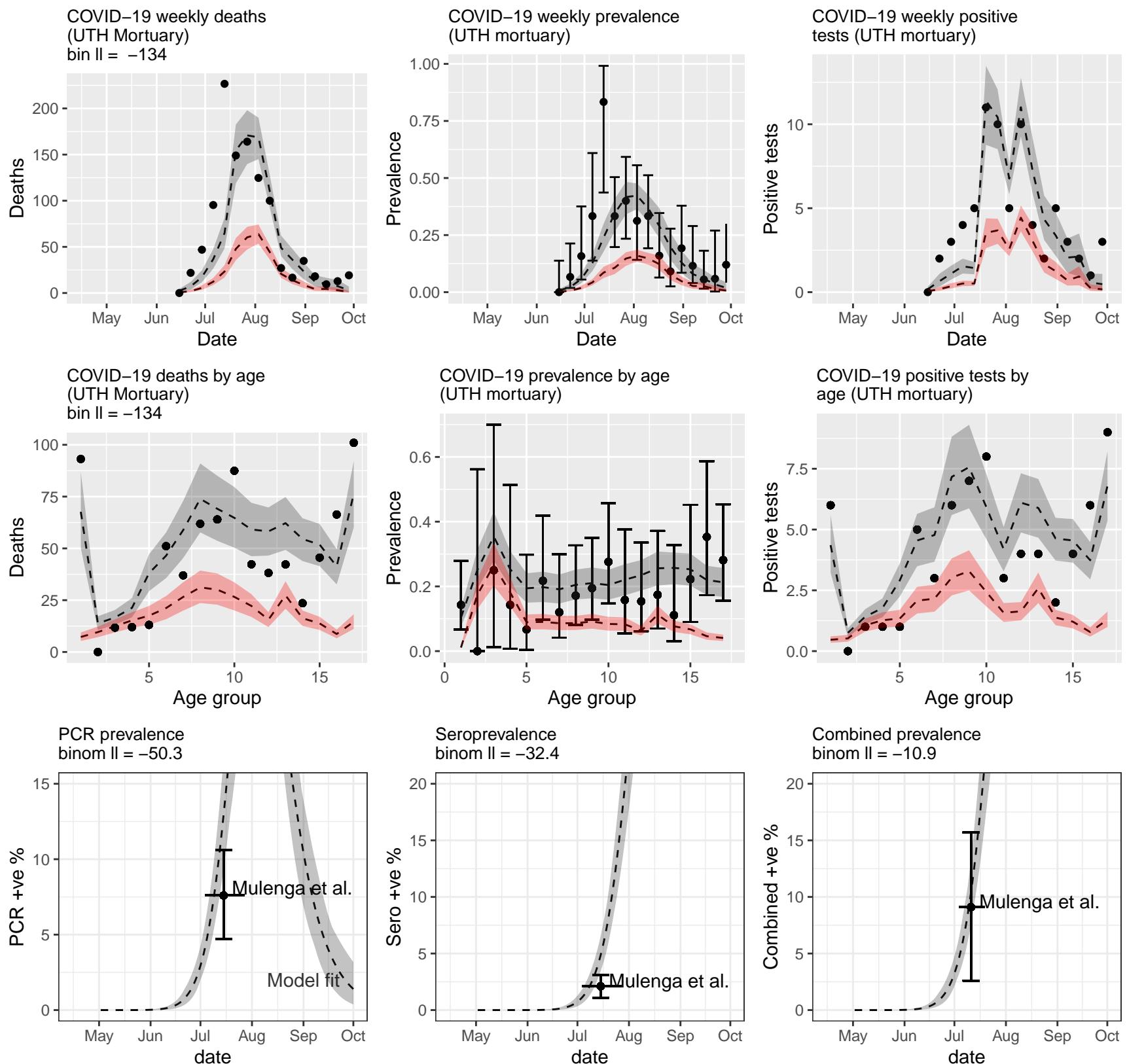


IFR x 1.6666666666666667, Slope x 0.4  
COVID-19 weekly deaths (Mortuary)  
pois II = -871.2



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

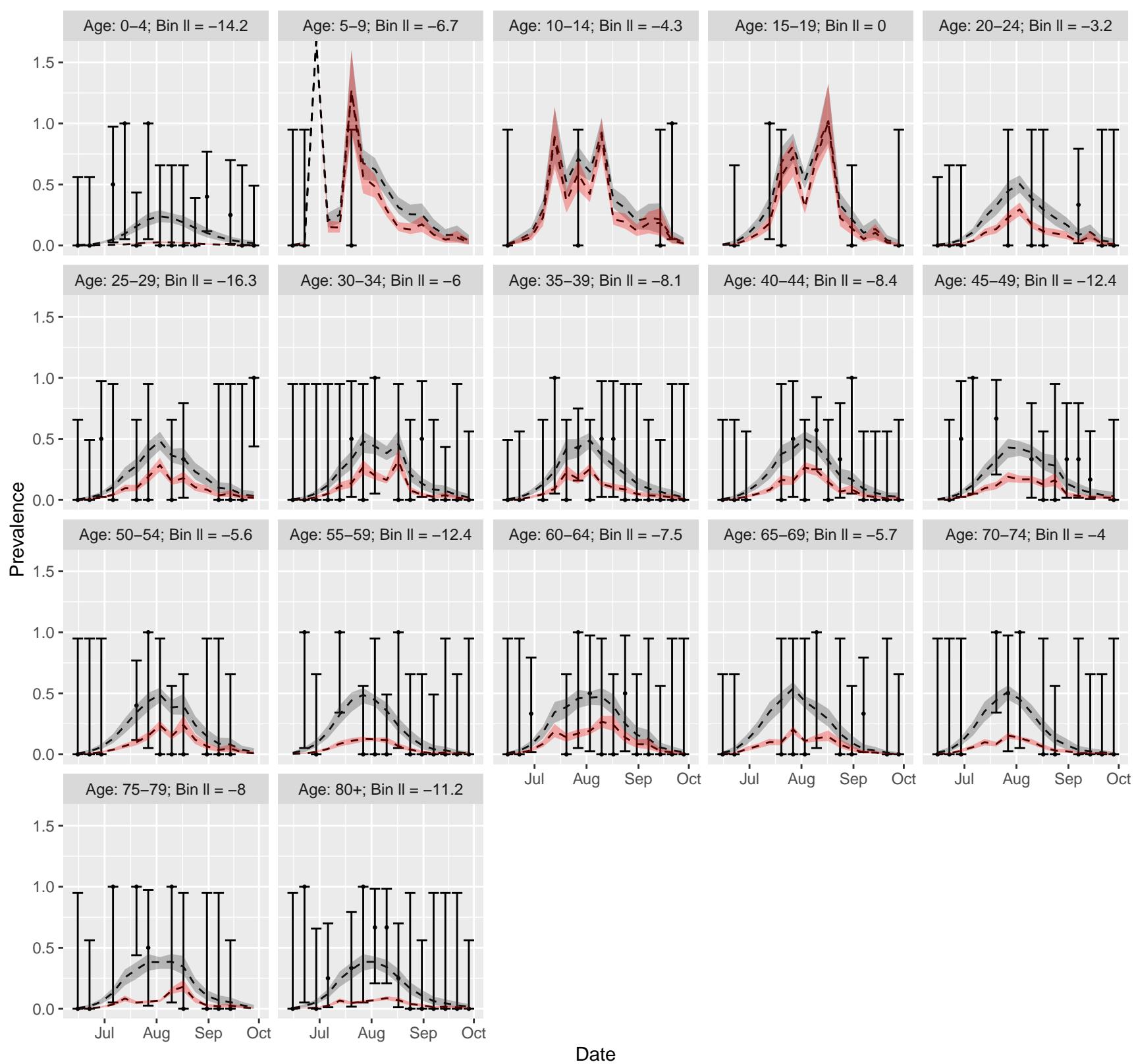




IFR x 0.2, Slope x 0.6

COVID-19 weekly prevalence (Mortuary)

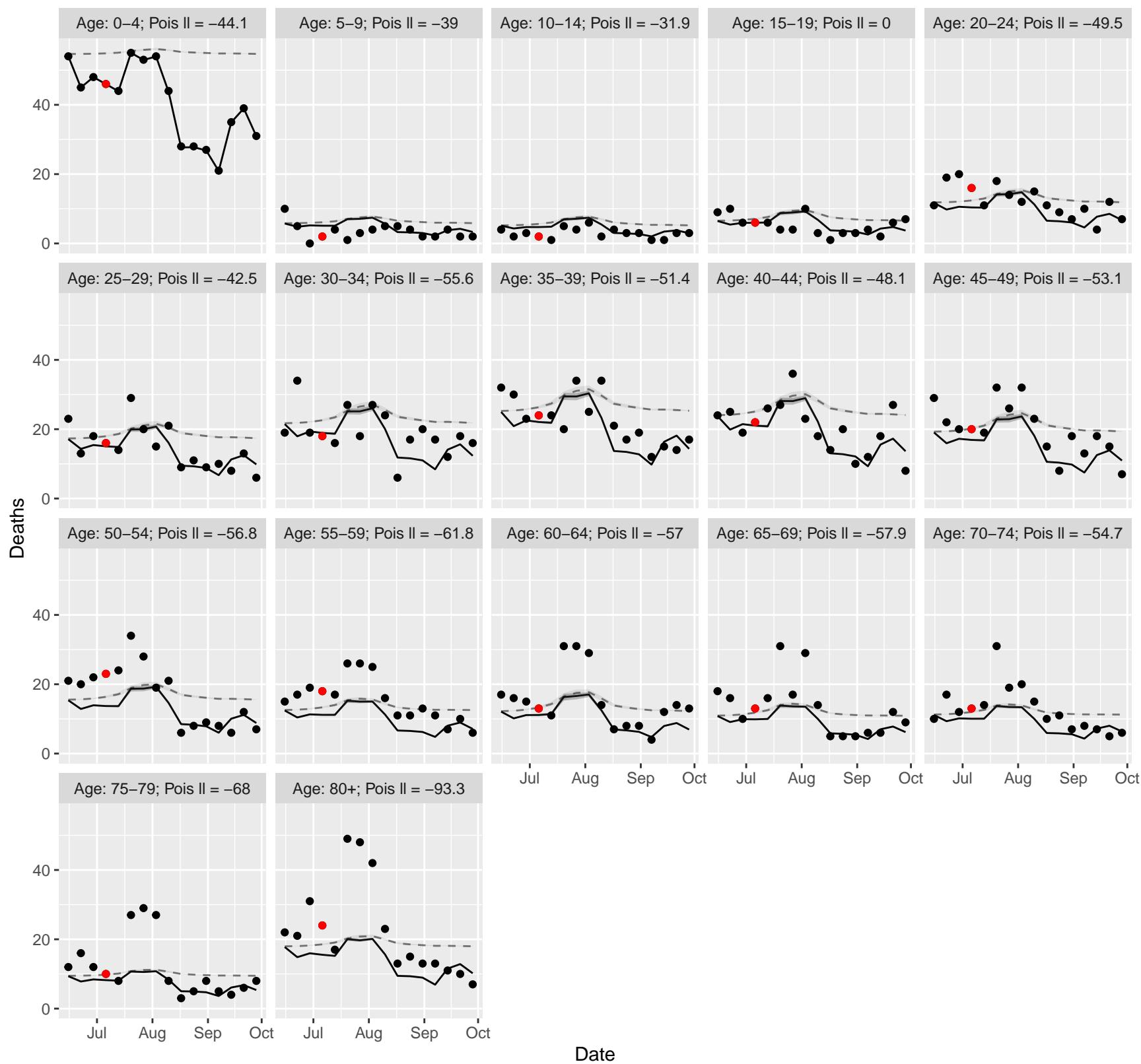
bin II = -134



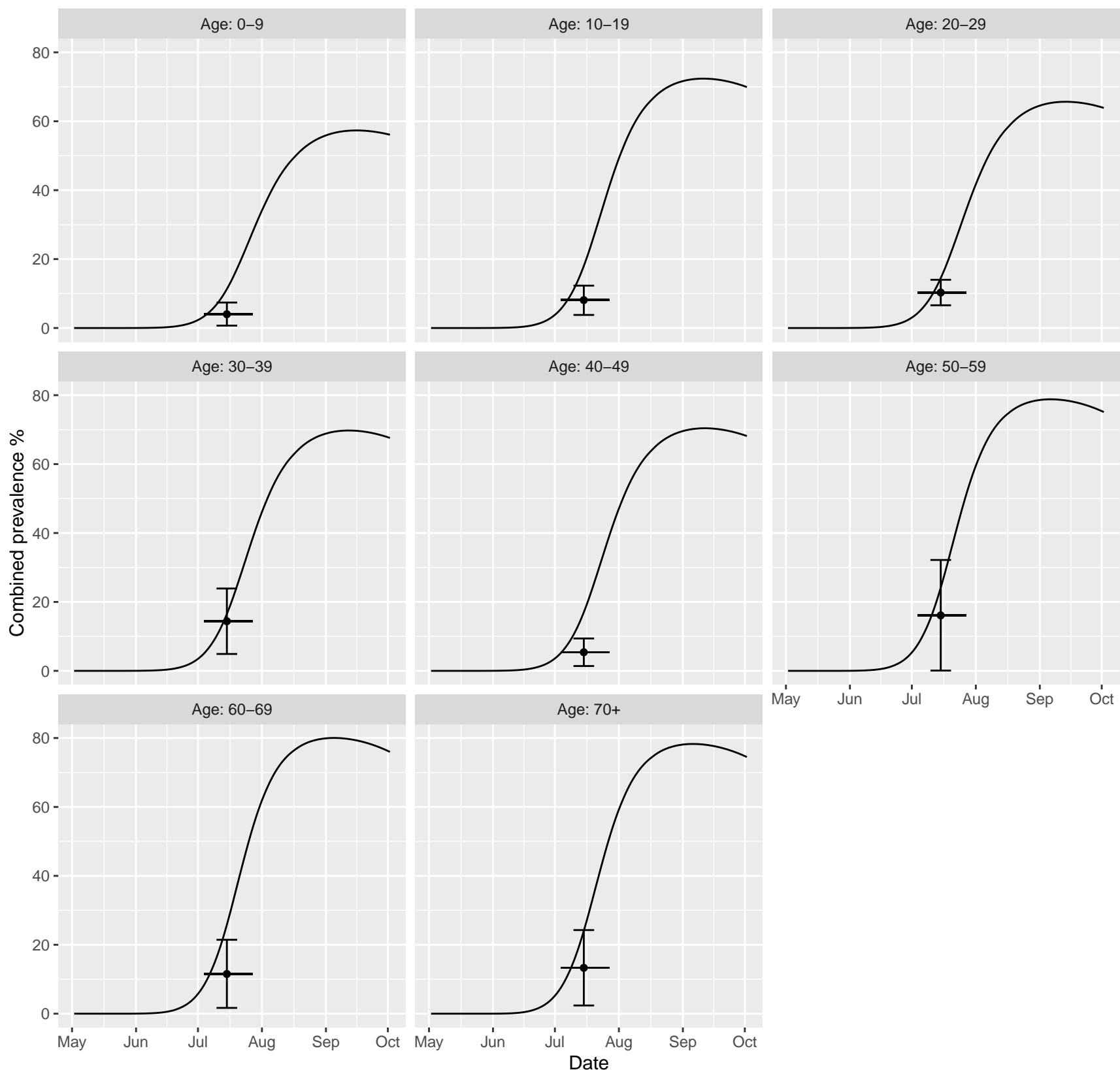
IFR x 0.2, Slope x 0.6

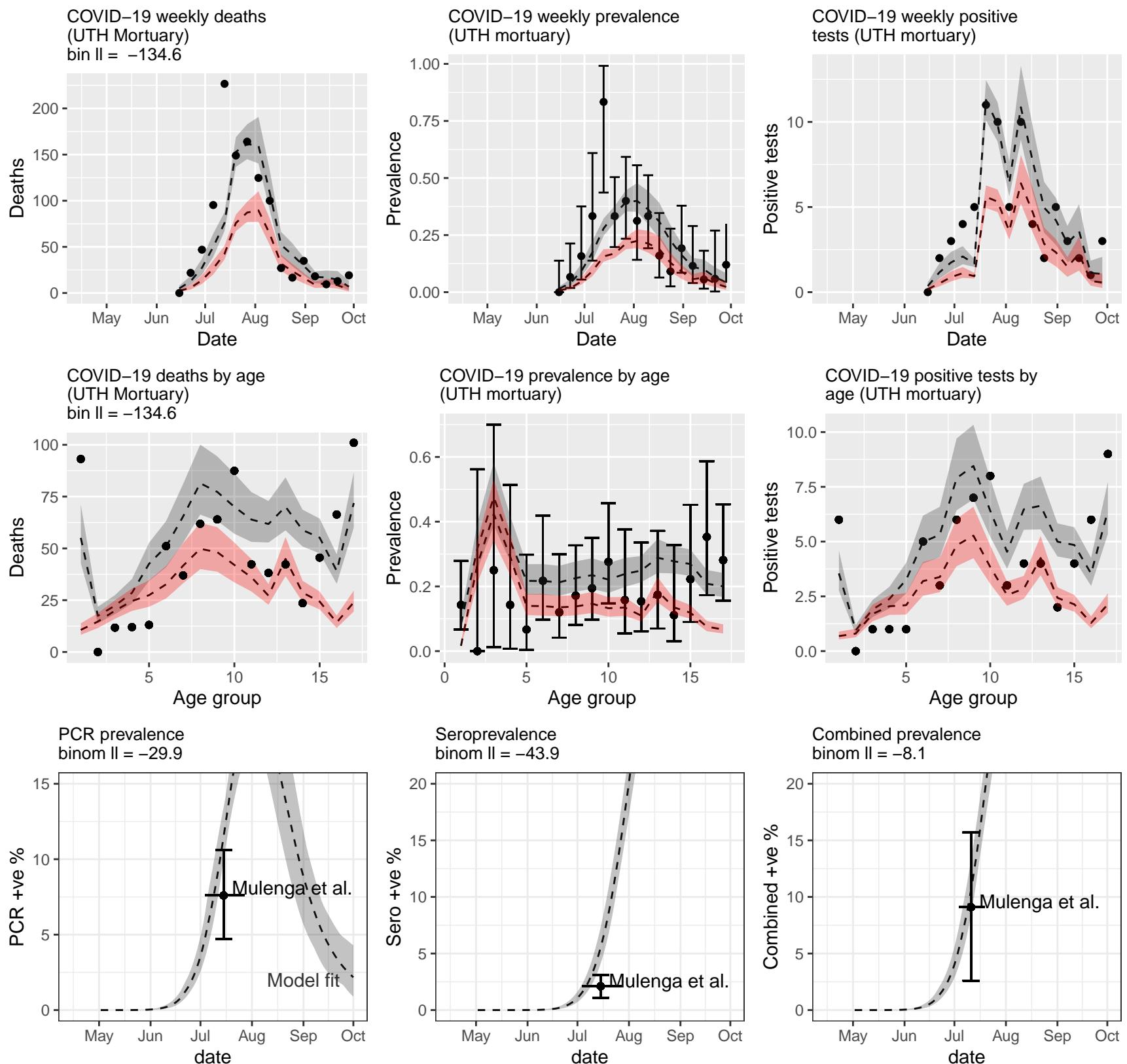
COVID-19 weekly deaths (Mortuary)

pois II = -864.8



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

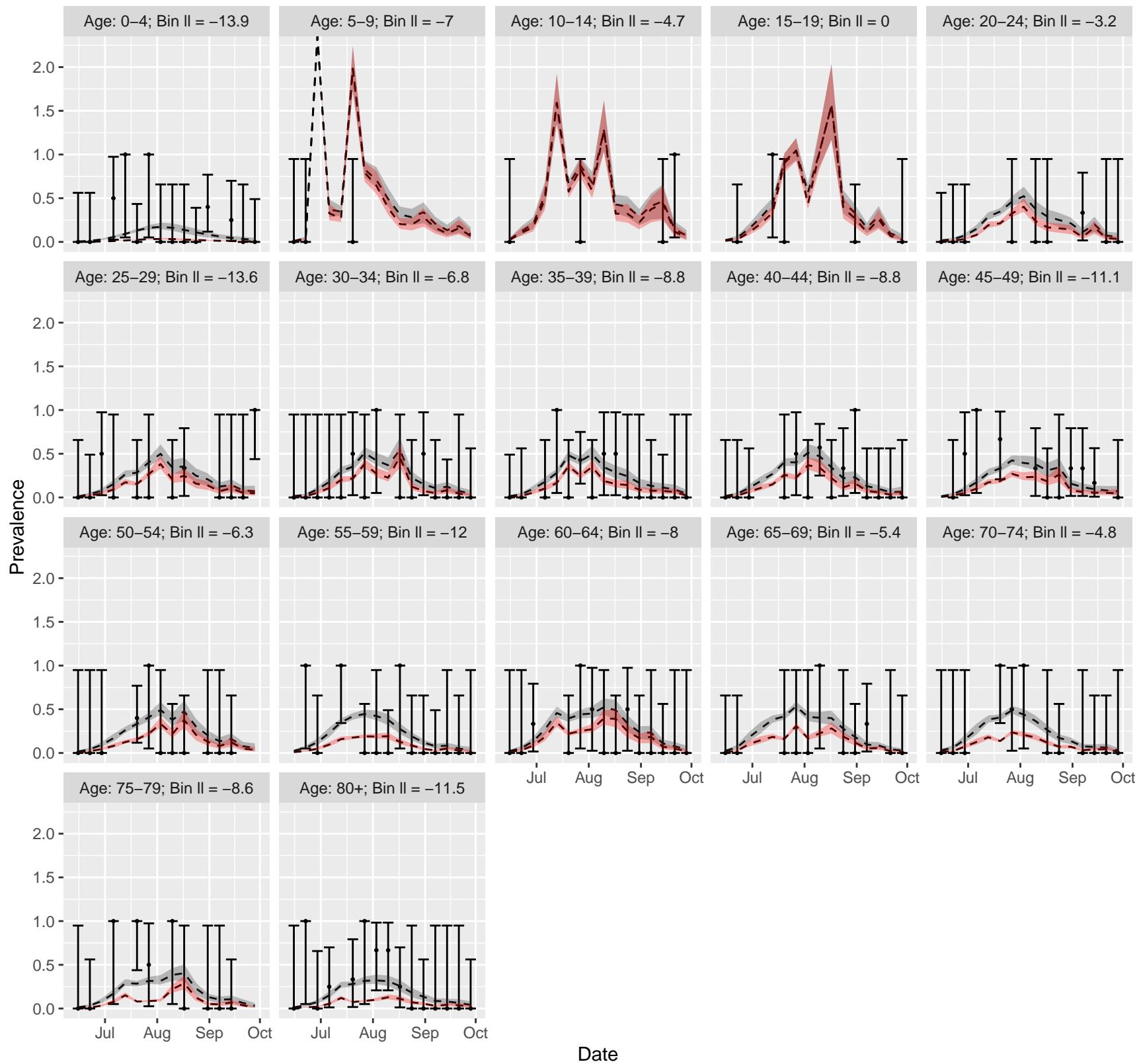




IFR x 0.4, Slope x 0.6

COVID-19 weekly prevalence (Mortuary)

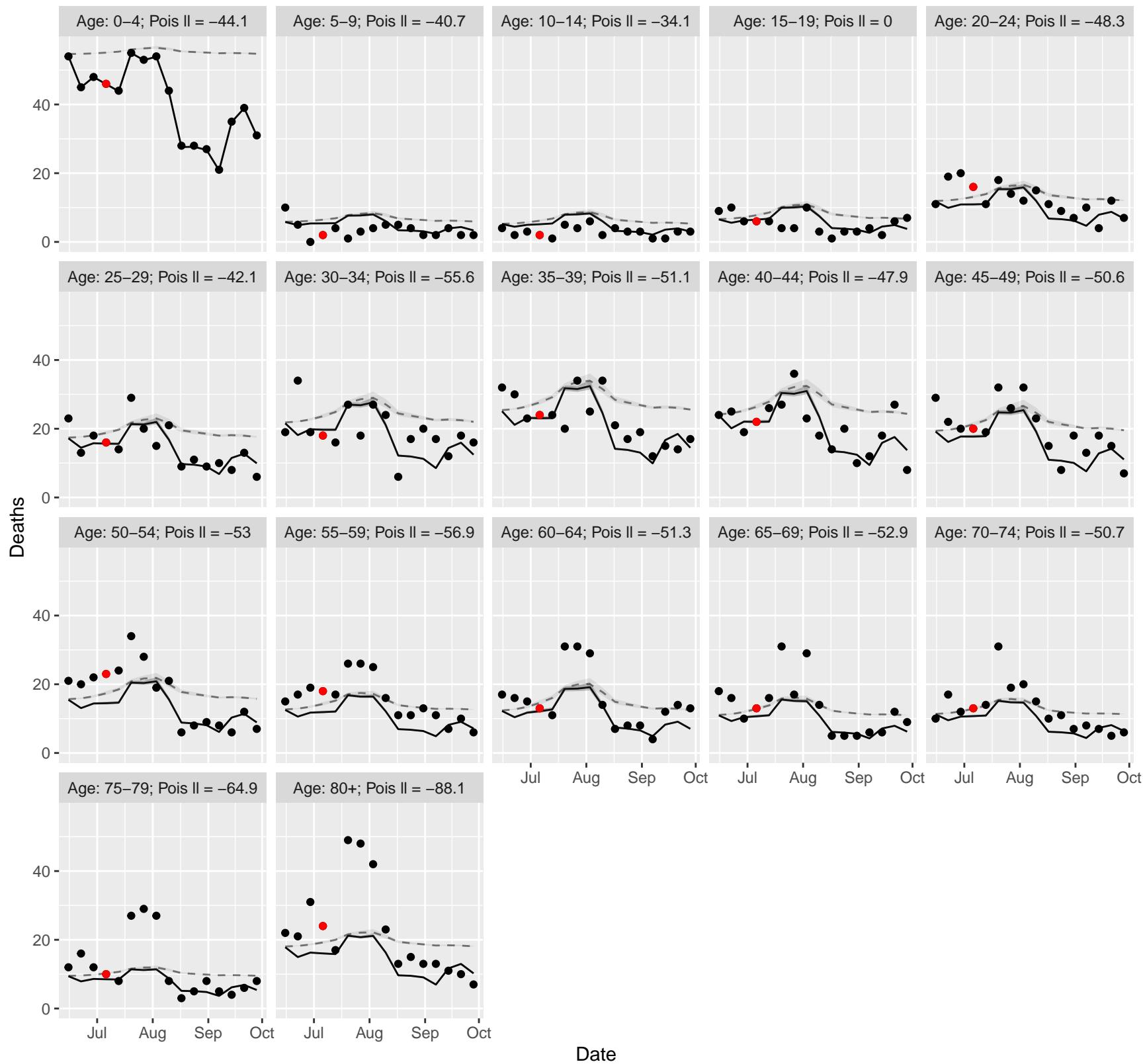
bin II = -134.6



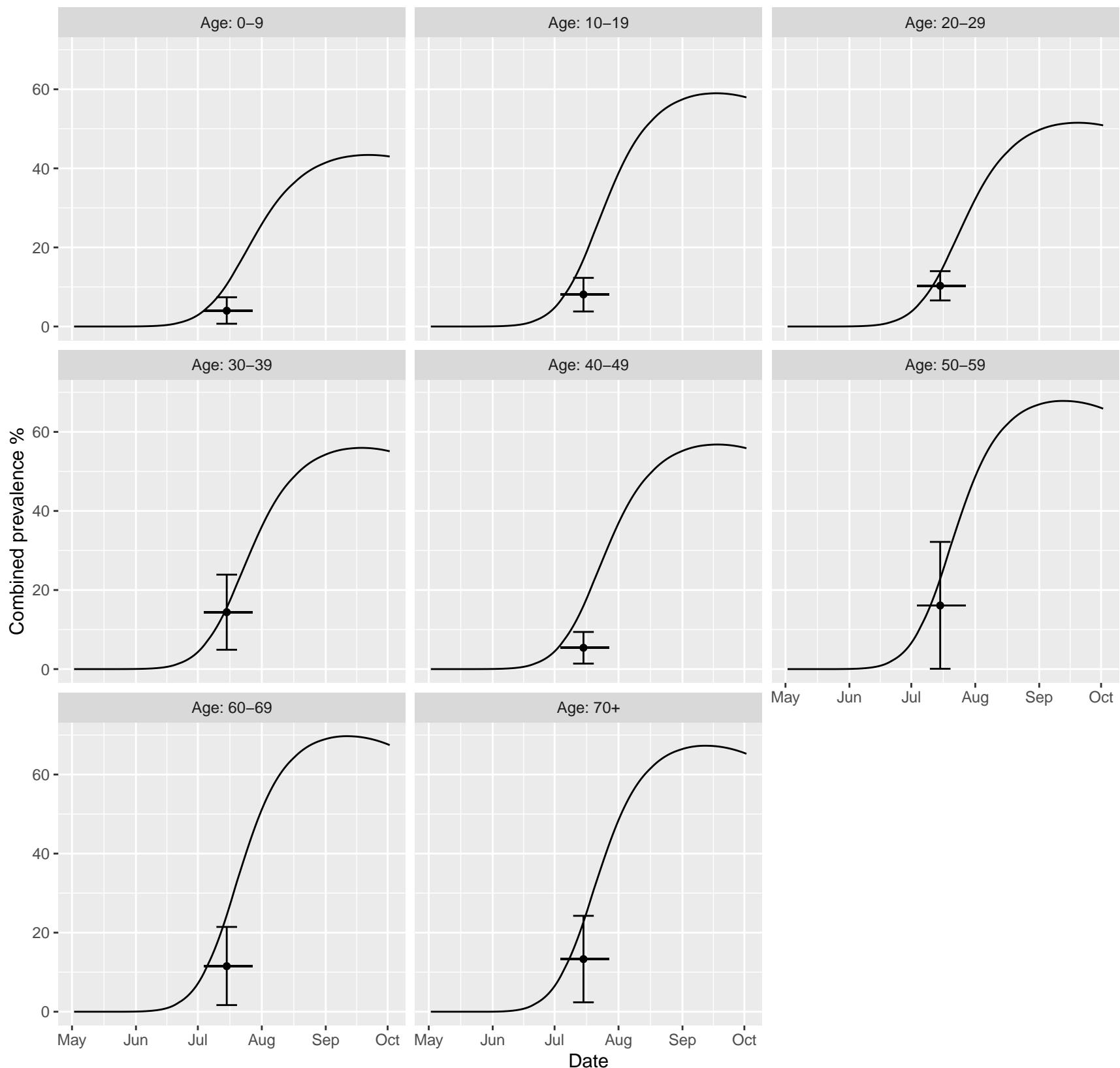
IFR x 0.4, Slope x 0.6

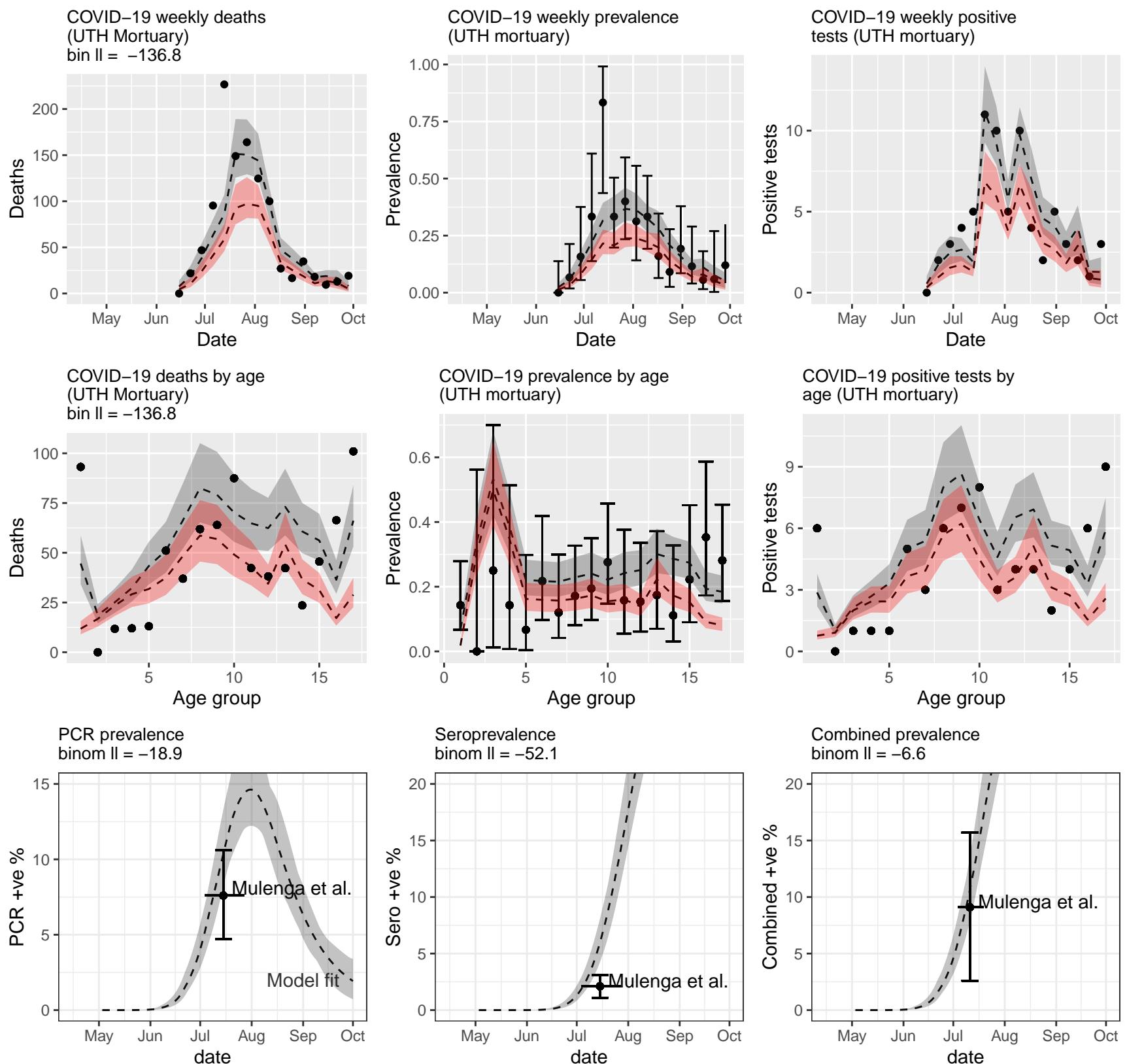
COVID-19 weekly deaths (Mortuary)

pois II = -832.5



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

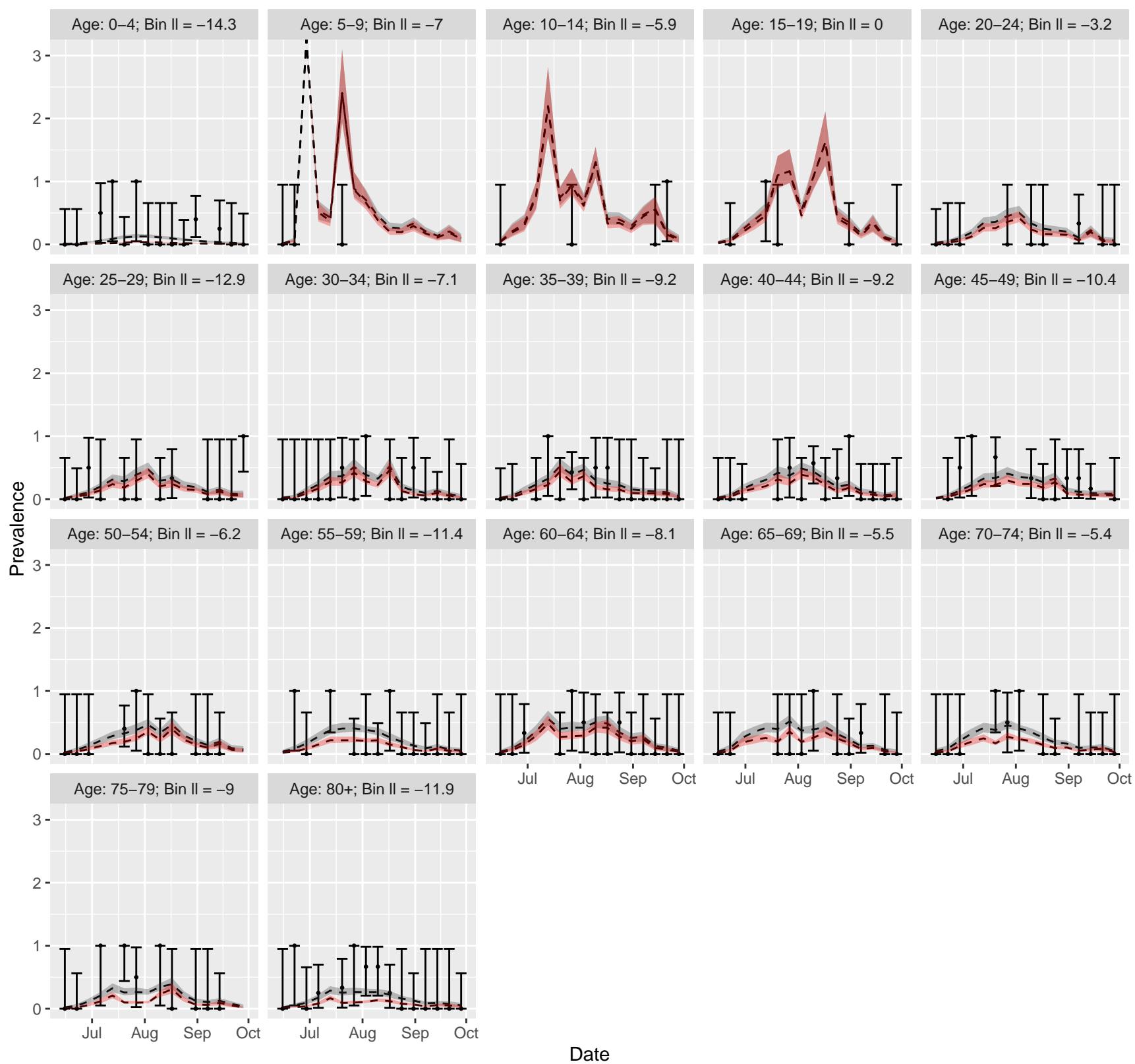




IFR x 0.6, Slope x 0.6

COVID-19 weekly prevalence (Mortuary)

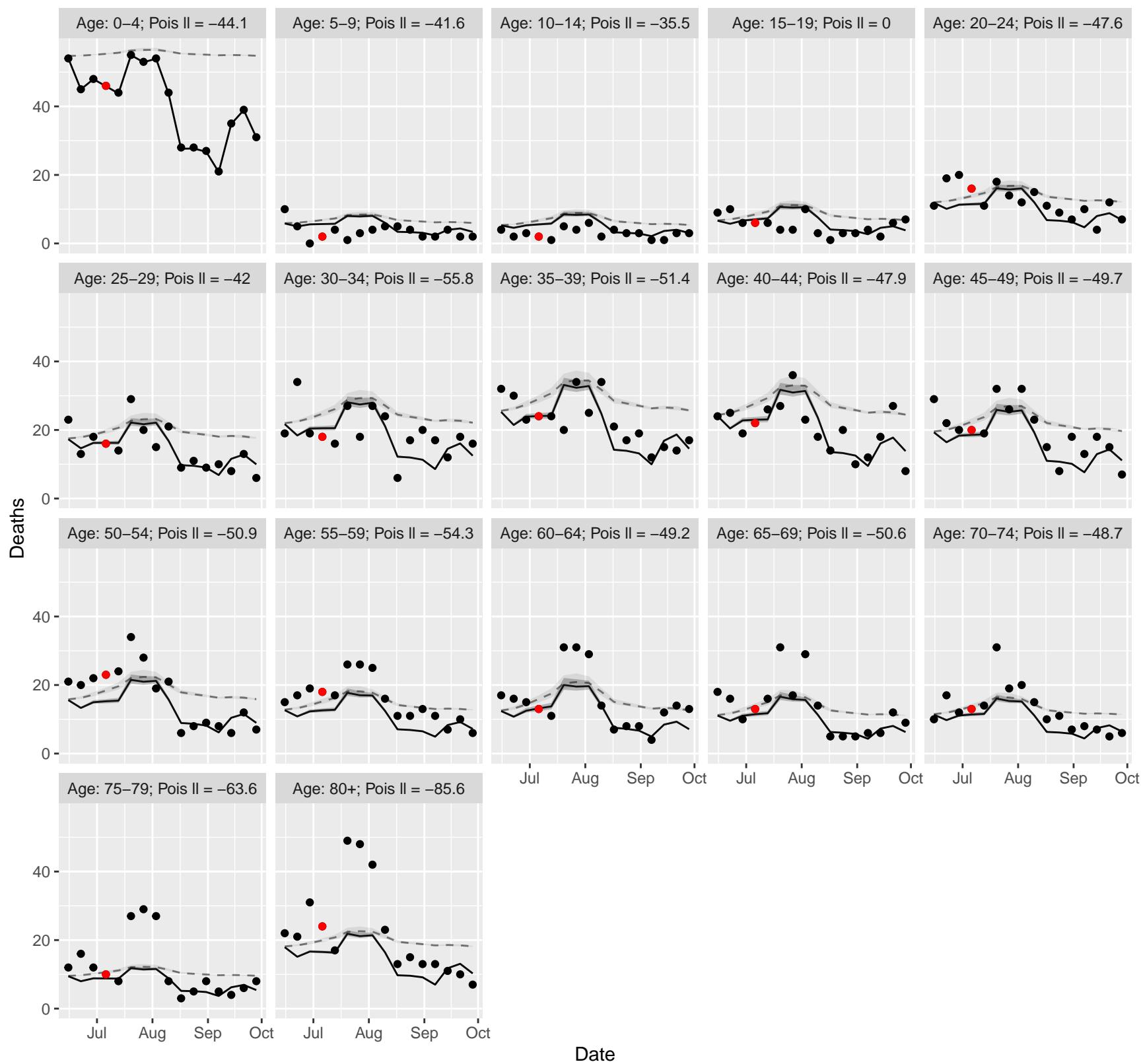
bin II = -136.8



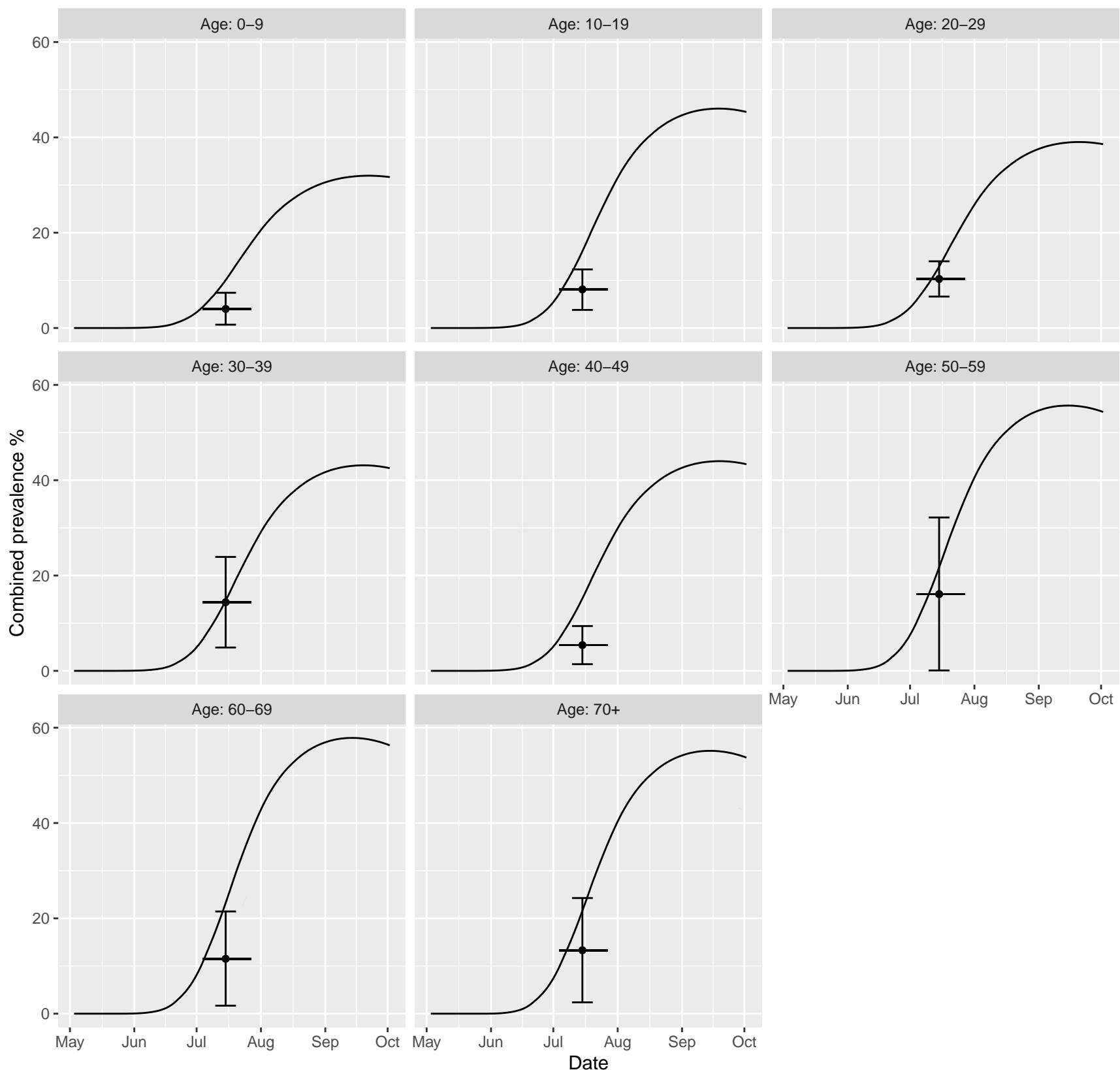
IFR x 0.6, Slope x 0.6

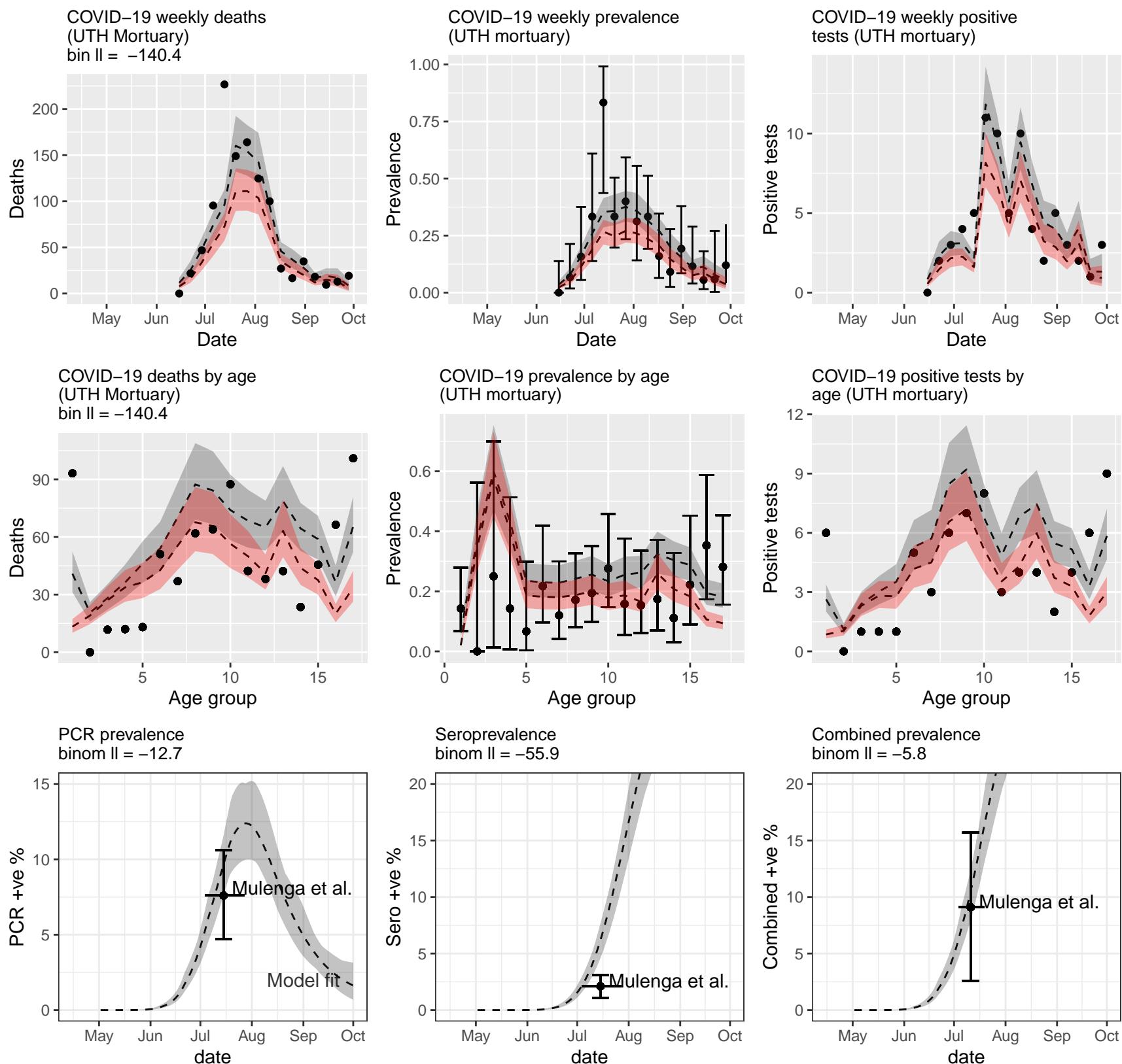
COVID-19 weekly deaths (Mortuary)

pois II = -818.5



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

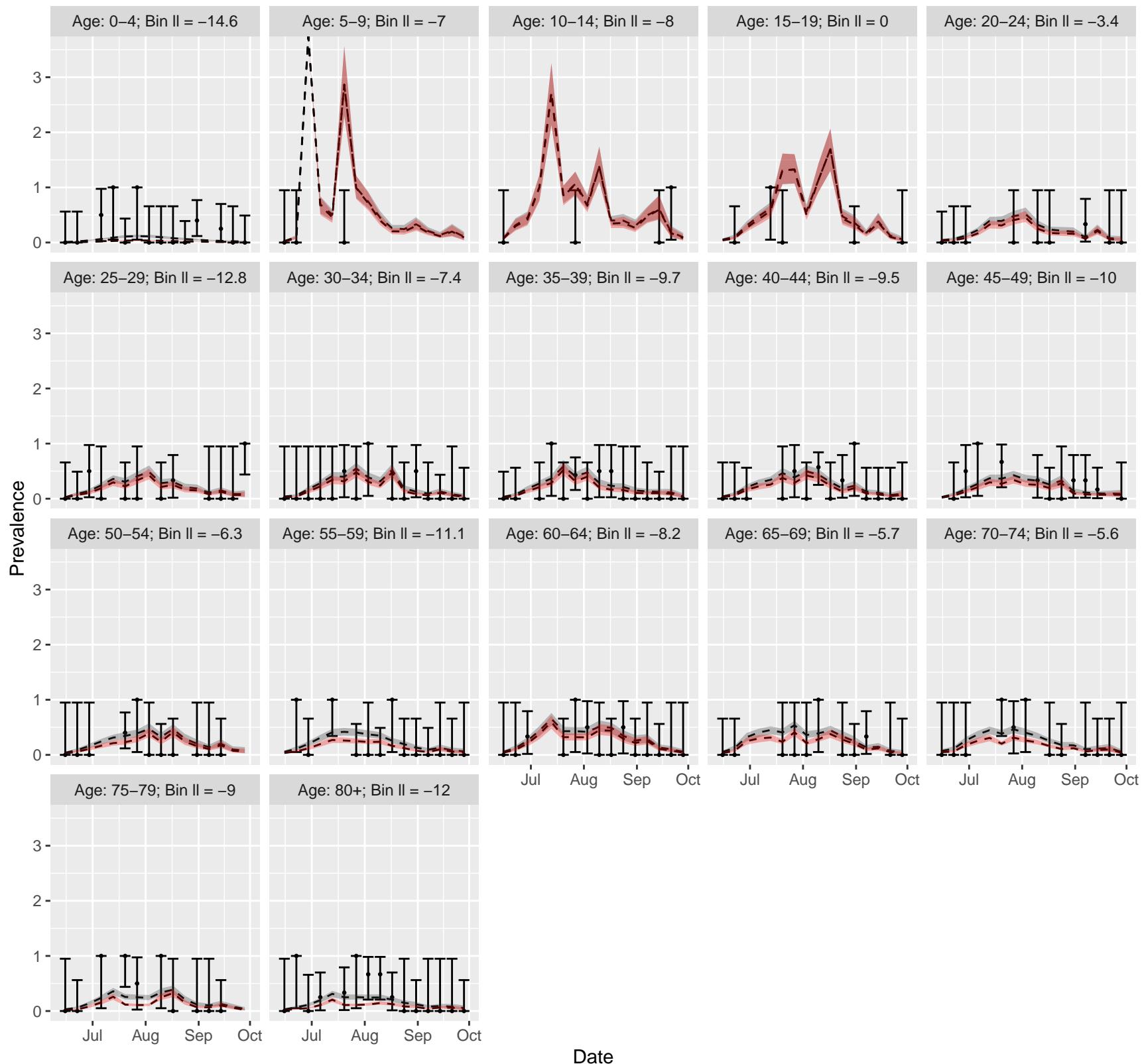




IFR x 0.8, Slope x 0.6

COVID-19 weekly prevalence (Mortuary)

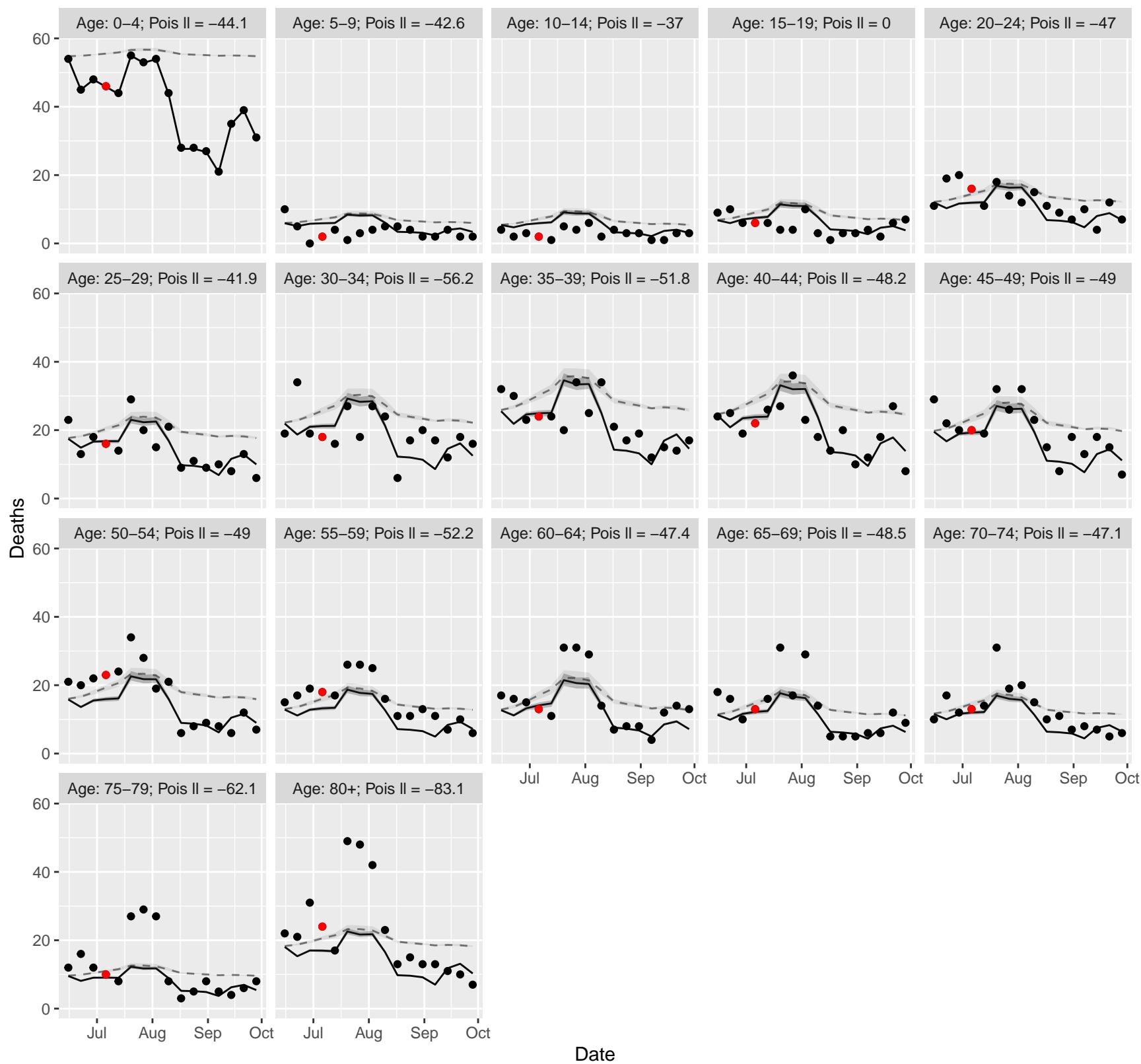
bin II = -140.4



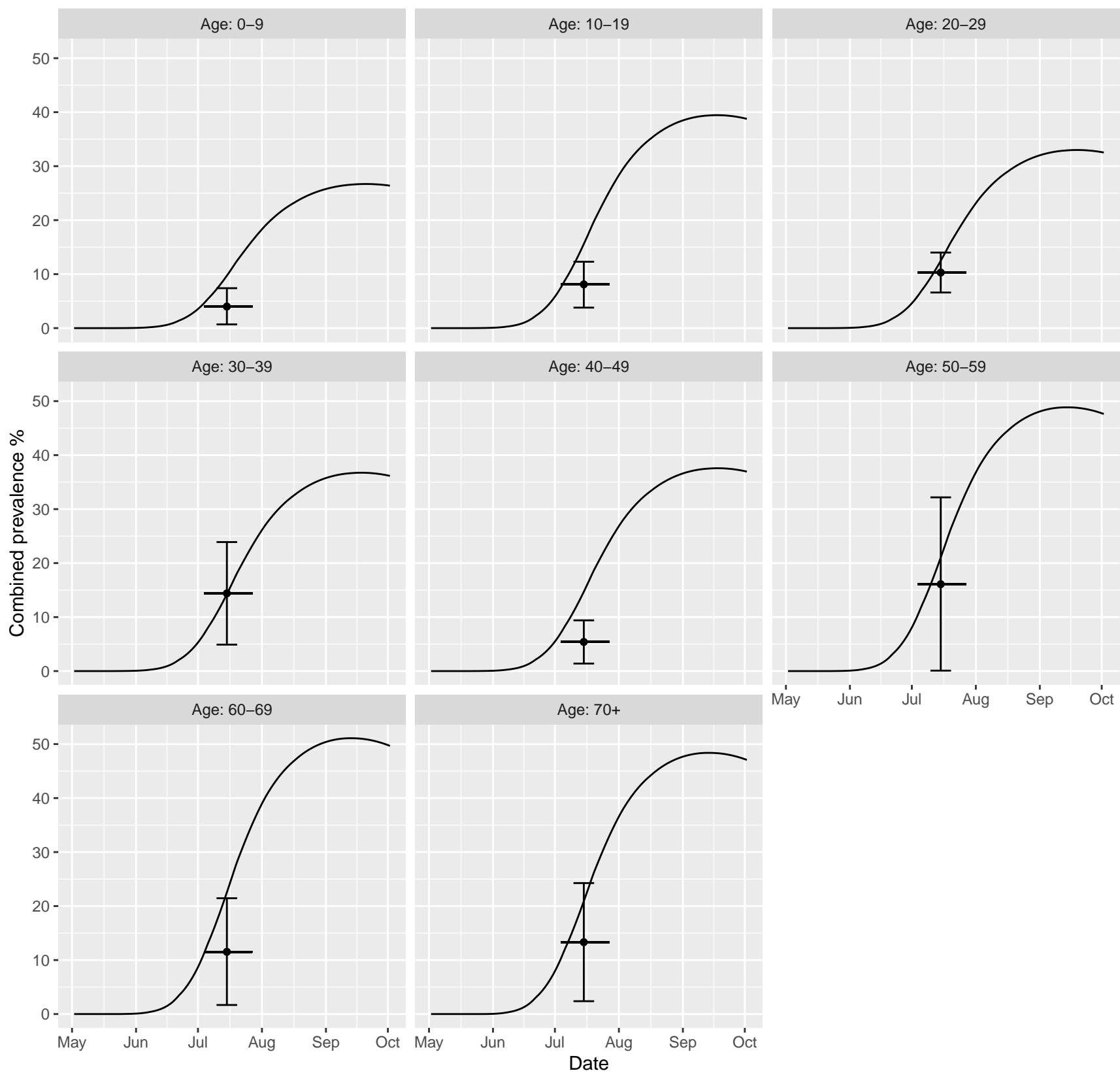
IFR x 0.8, Slope x 0.6

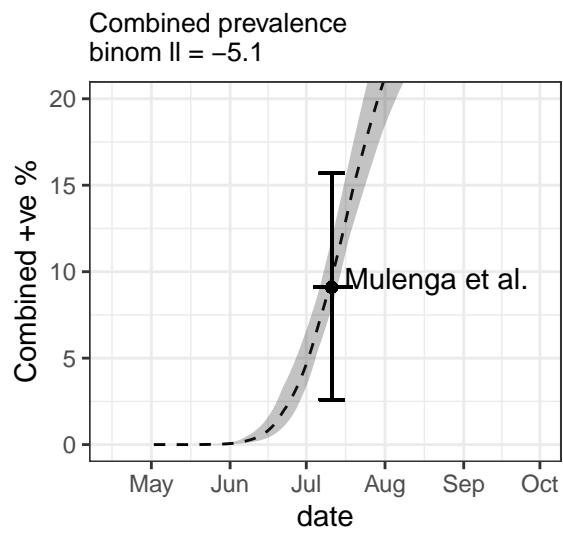
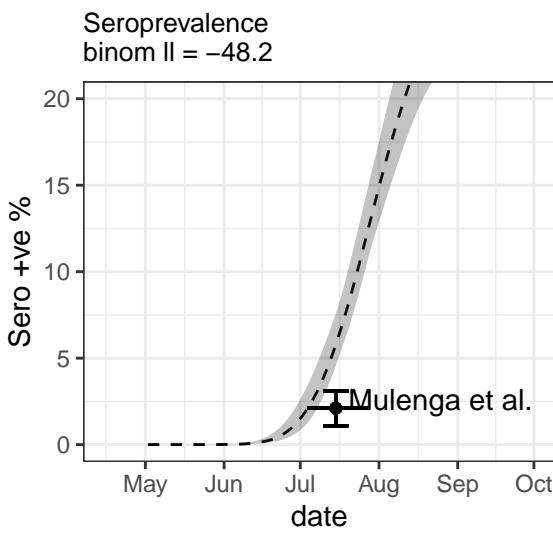
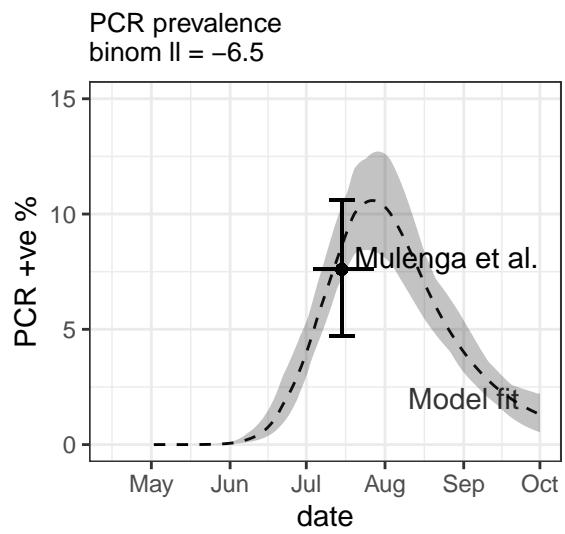
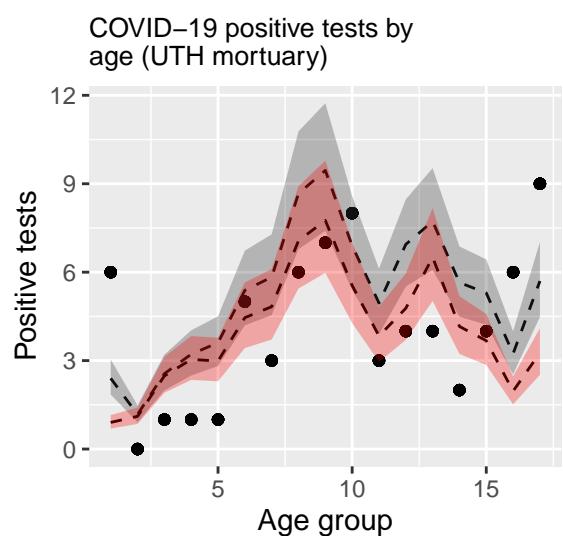
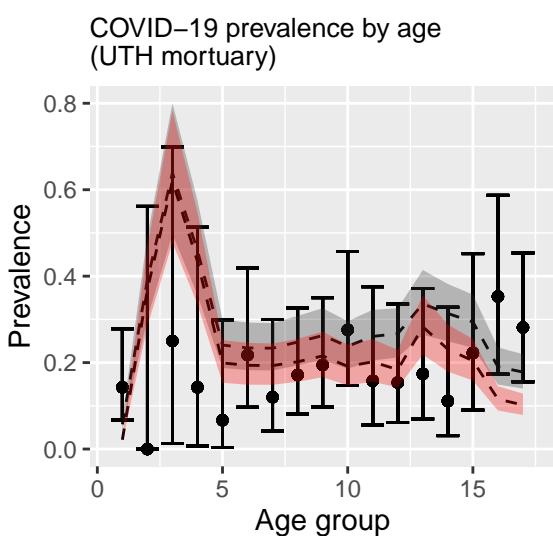
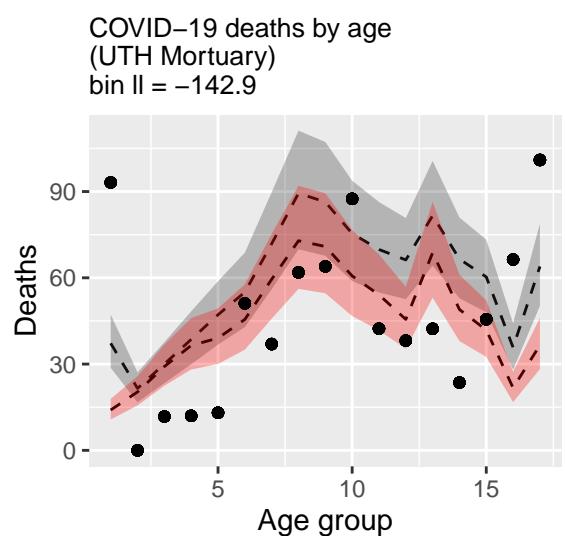
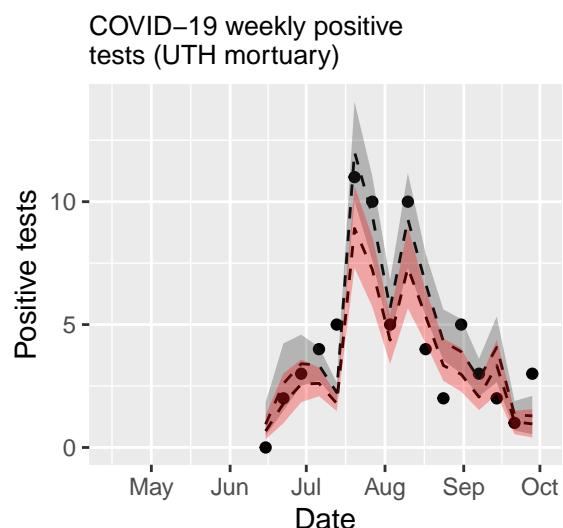
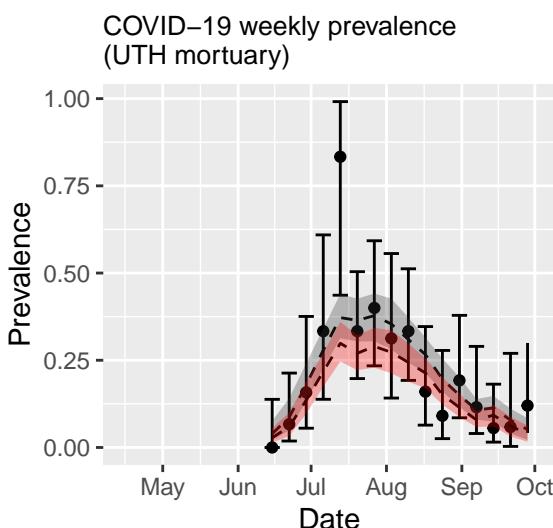
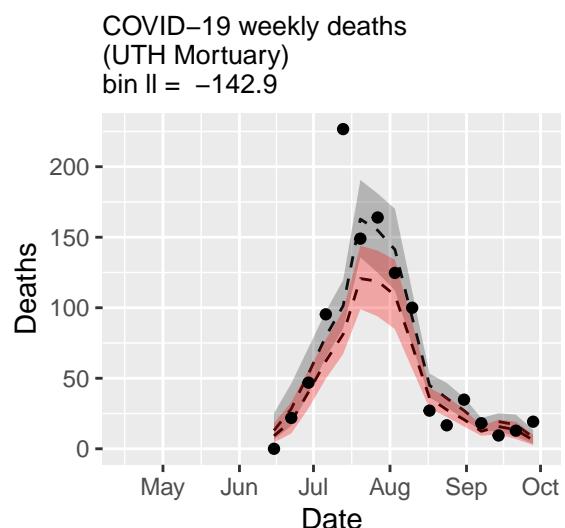
COVID-19 weekly deaths (Mortuary)

pois II = -807.3



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

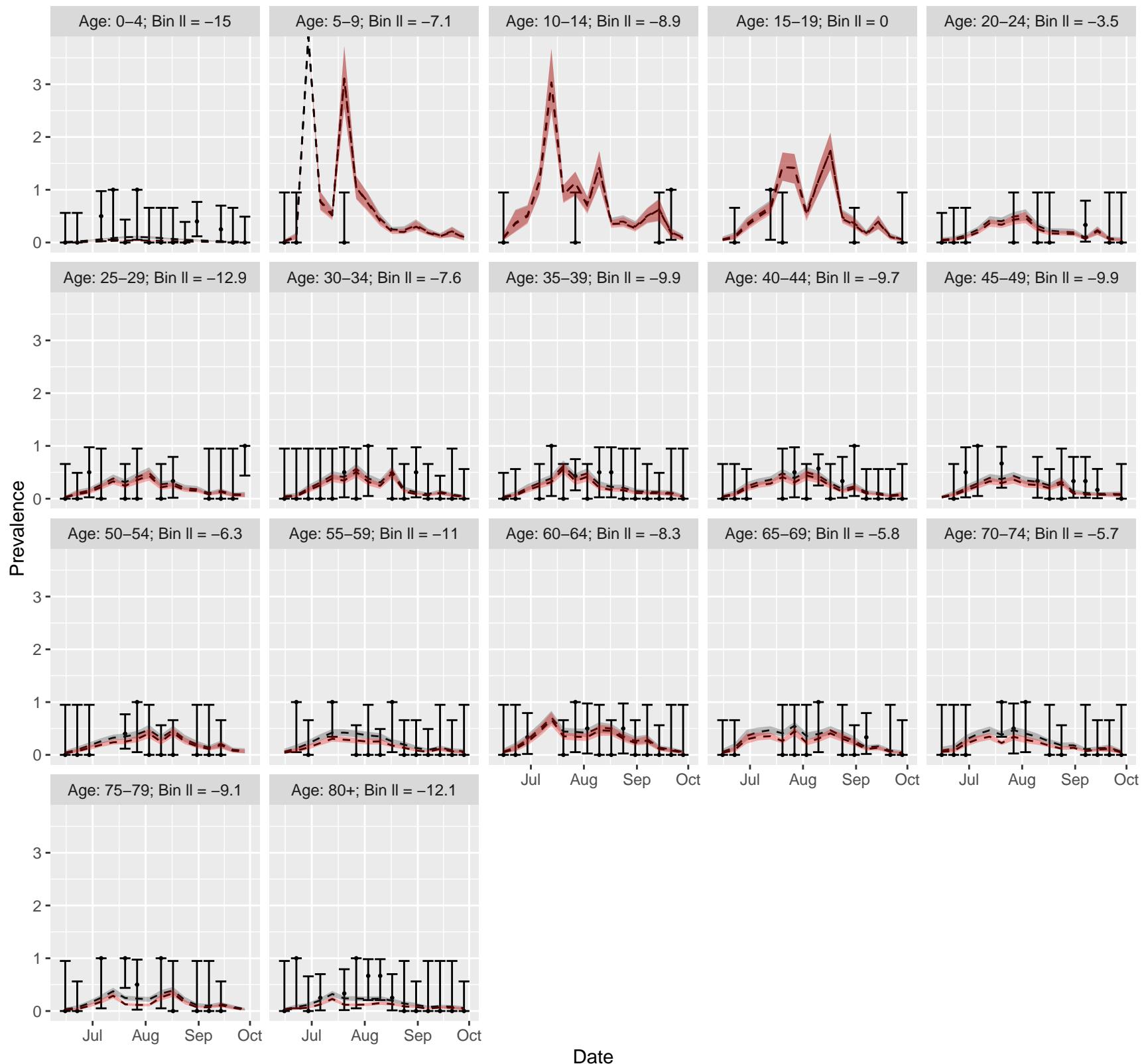




IFR x 1, Slope x 0.6

COVID-19 weekly prevalence (Mortuary)

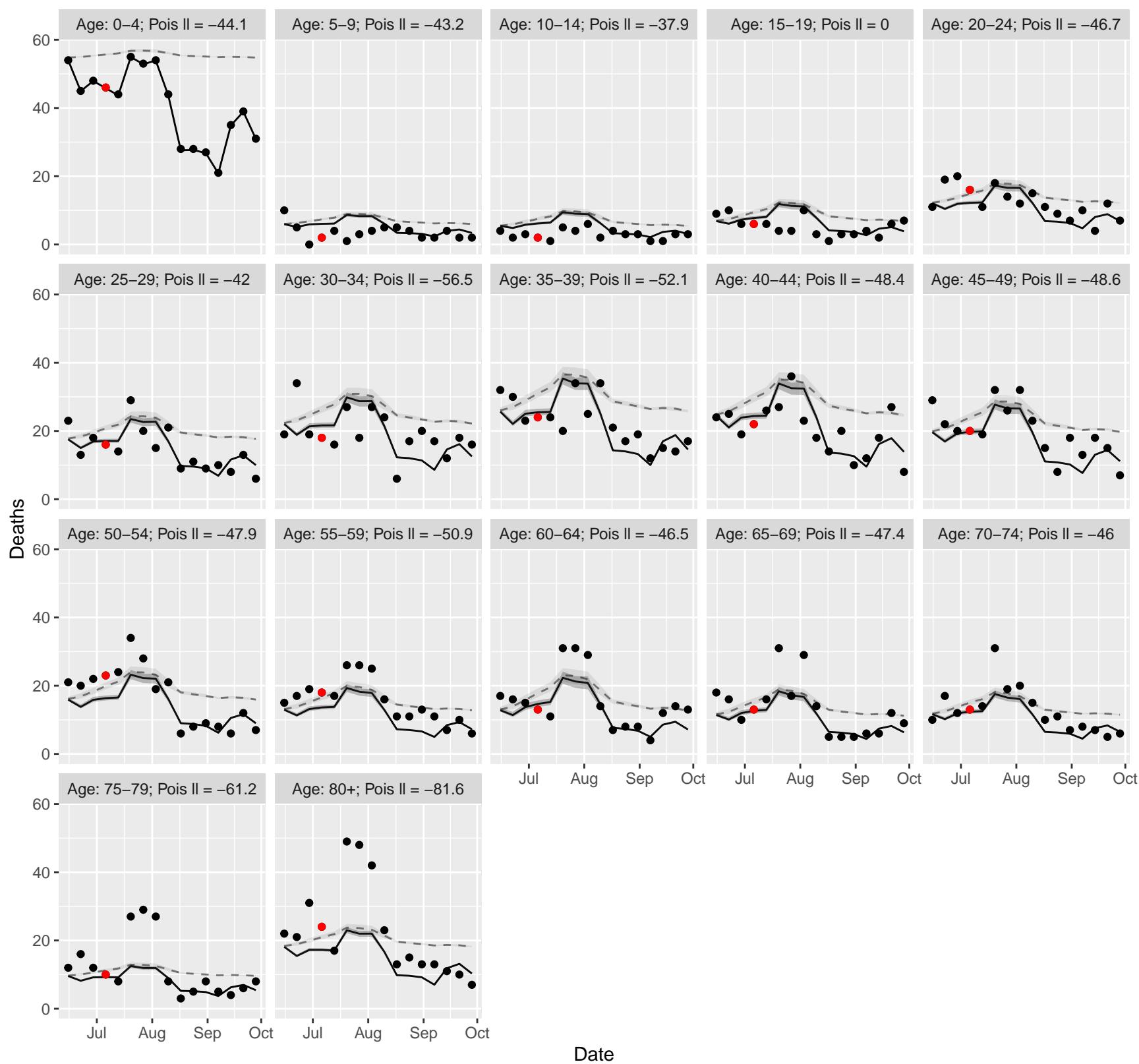
bin II = -142.9



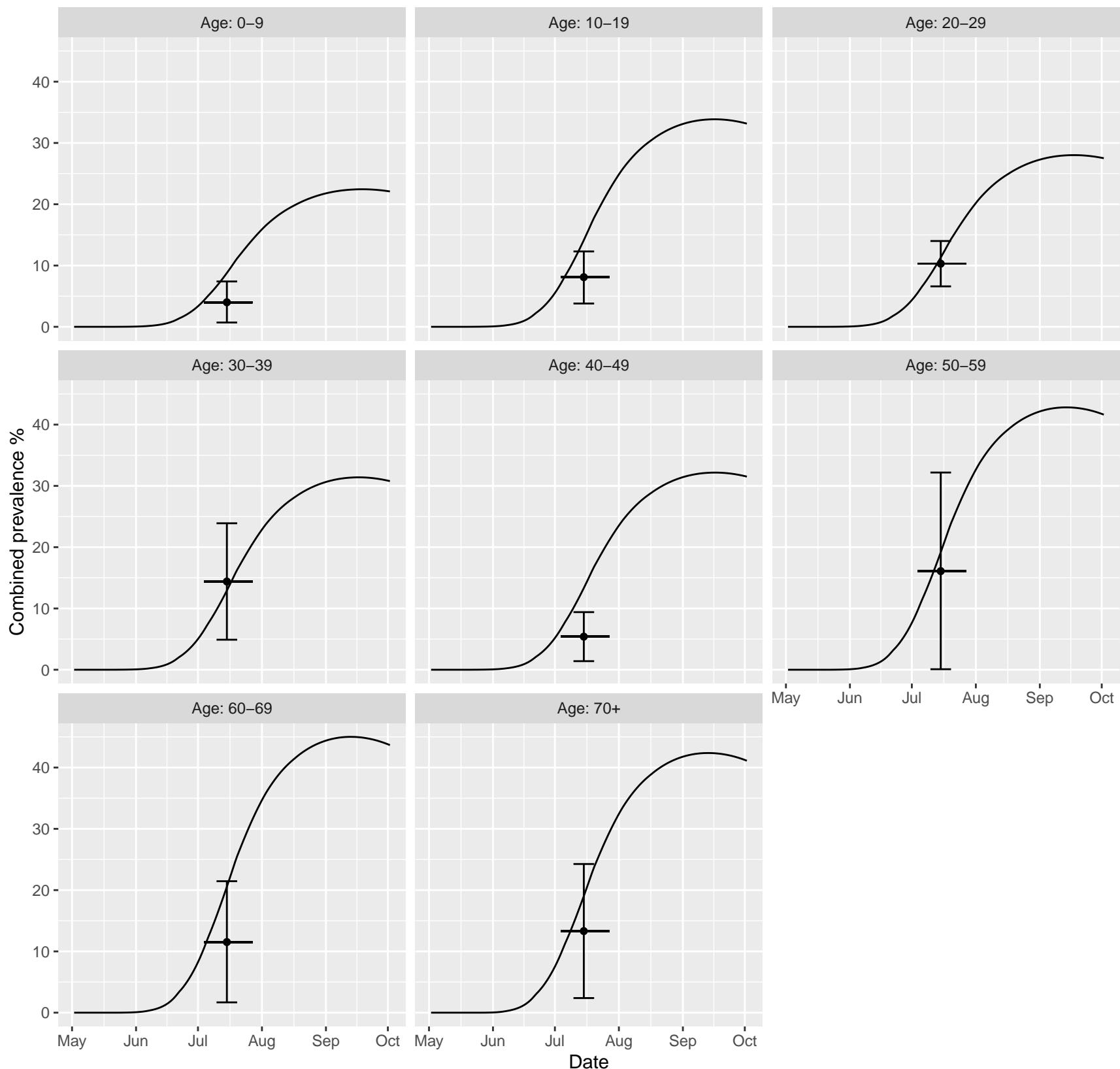
IFR x 1, Slope x 0.6

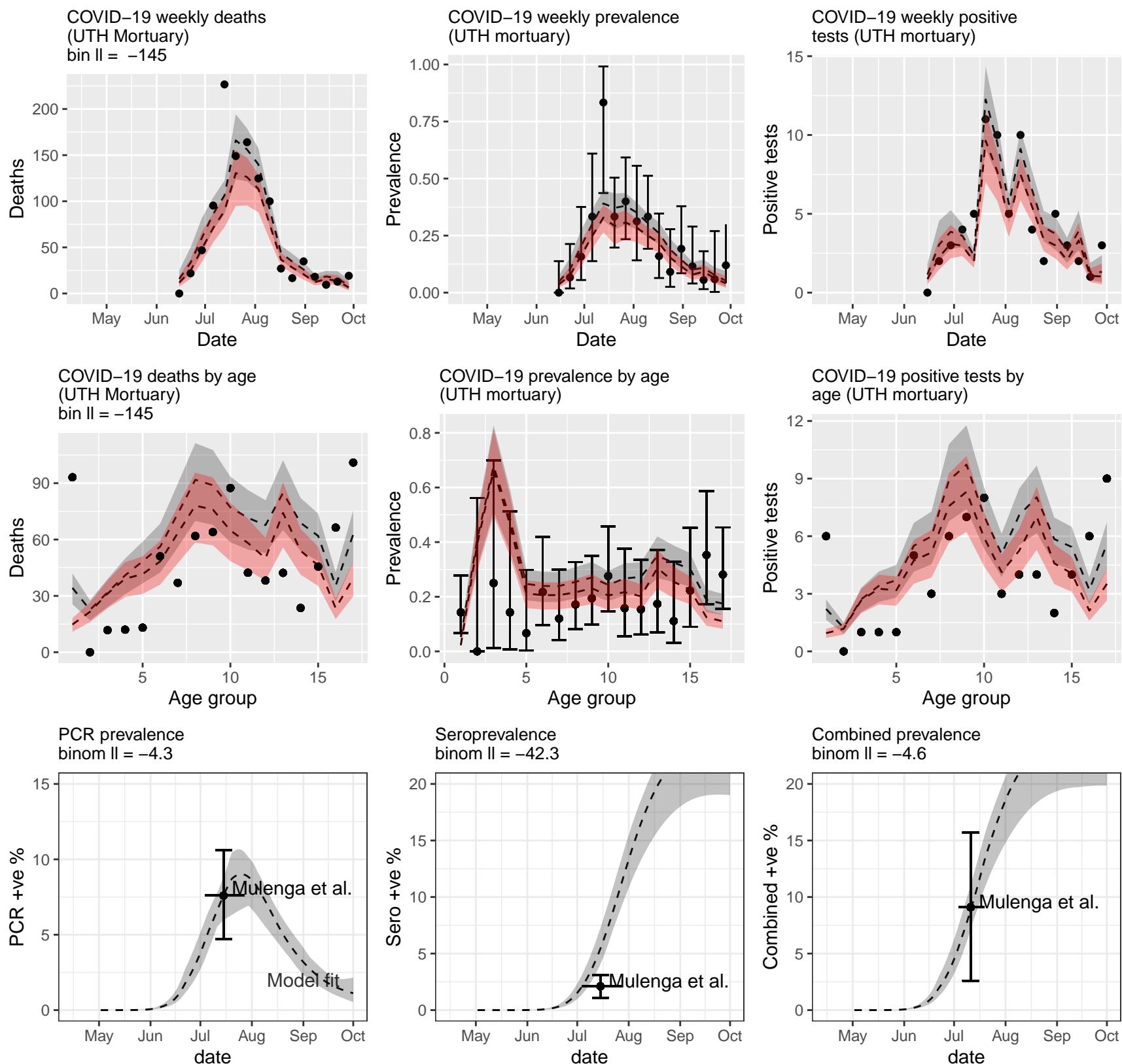
COVID-19 weekly deaths (Mortuary)

pois II = -801.2



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

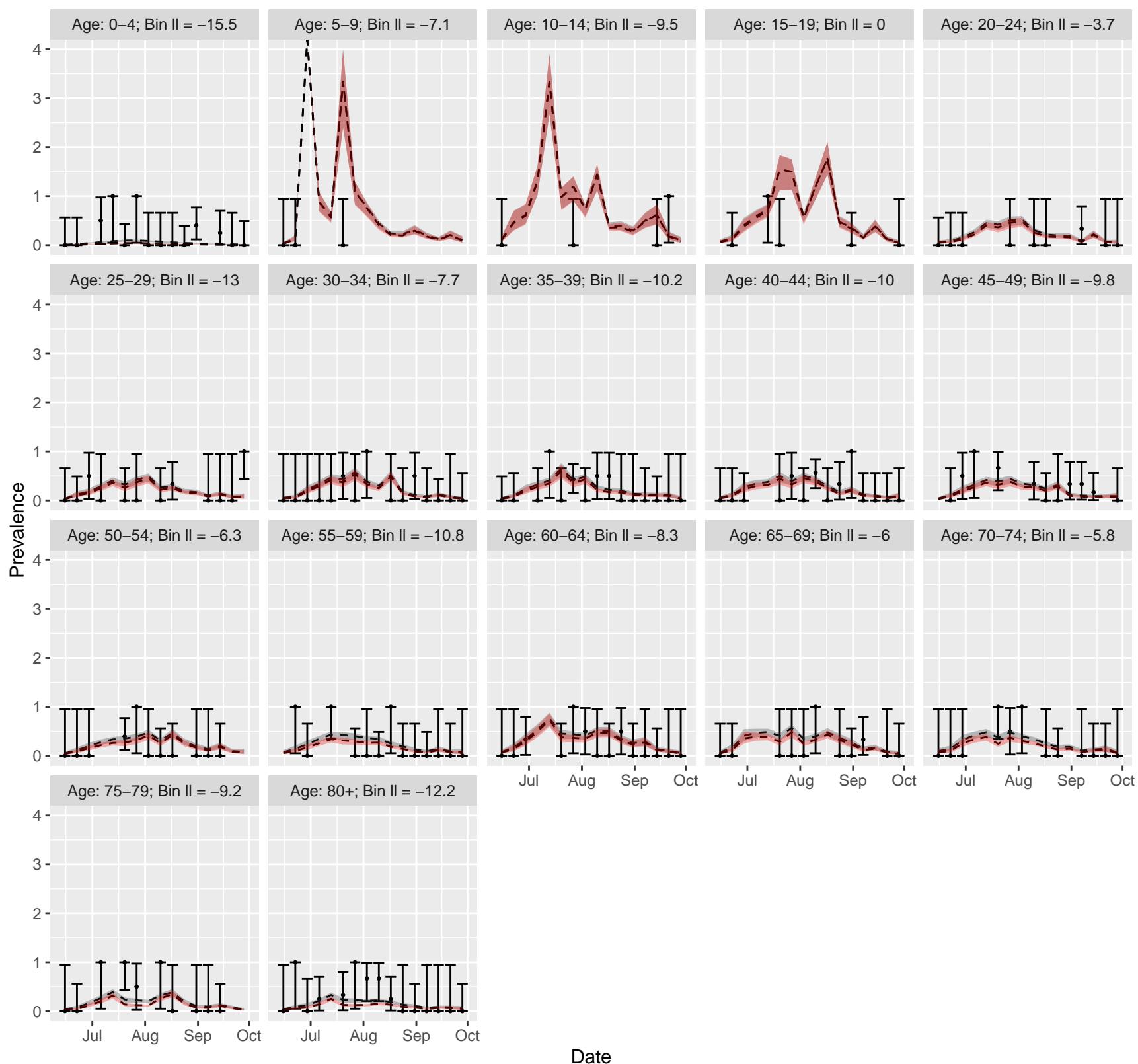




IFR x 1.25, Slope x 0.6

COVID-19 weekly prevalence (Mortuary)

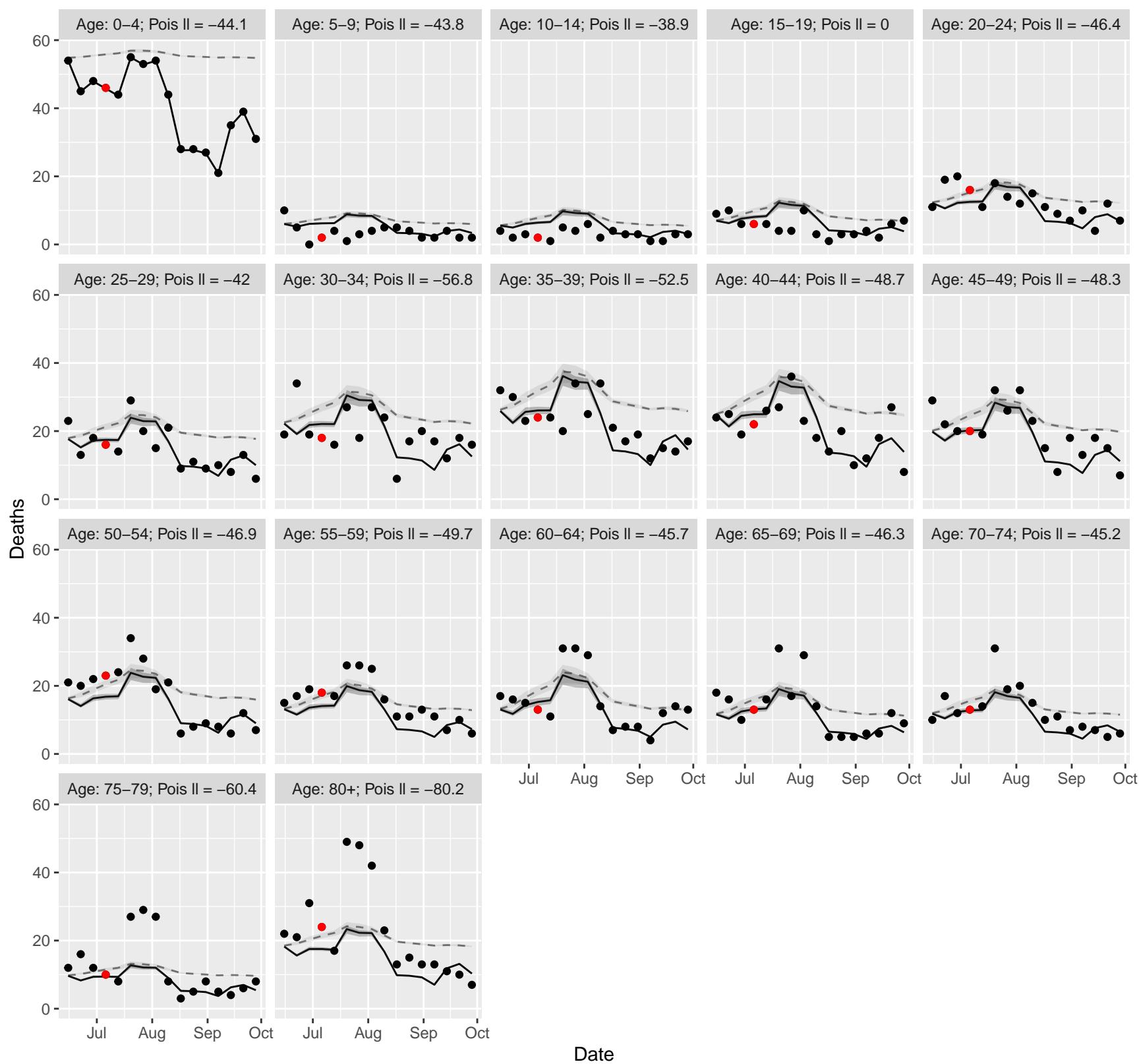
bin II = -145



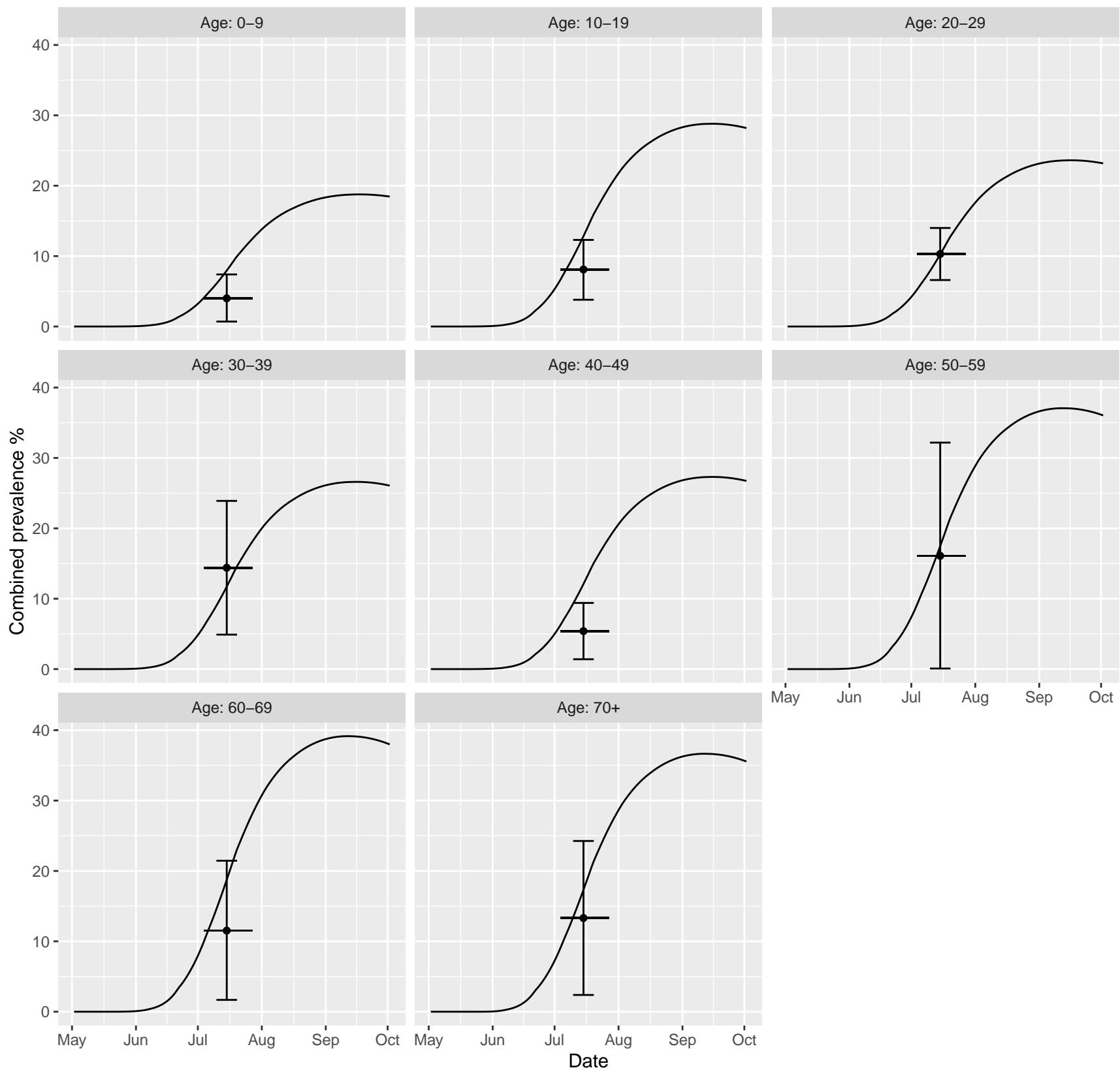
IFR x 1.25, Slope x 0.6

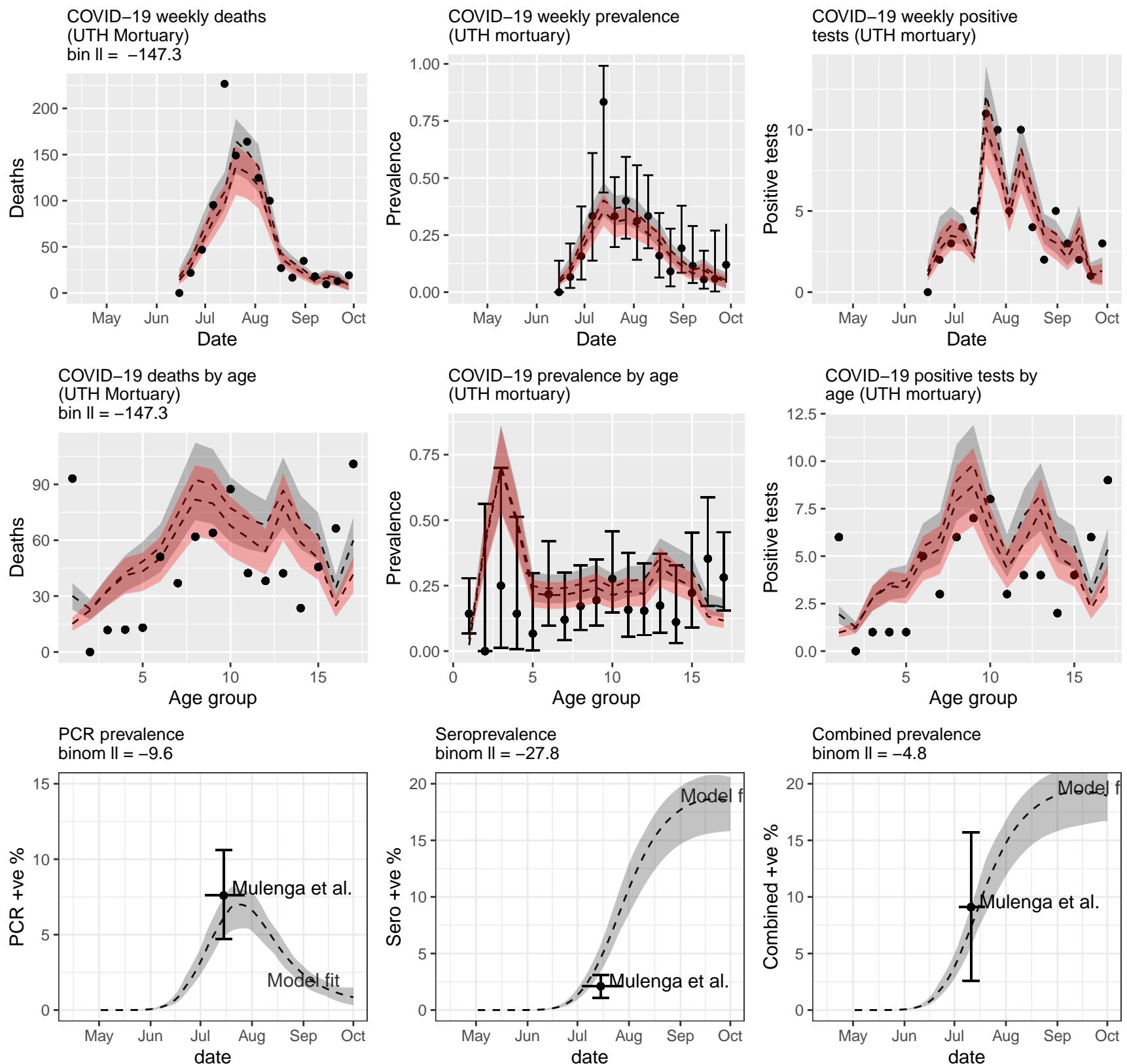
COVID-19 weekly deaths (Mortuary)

pois II = -795.7

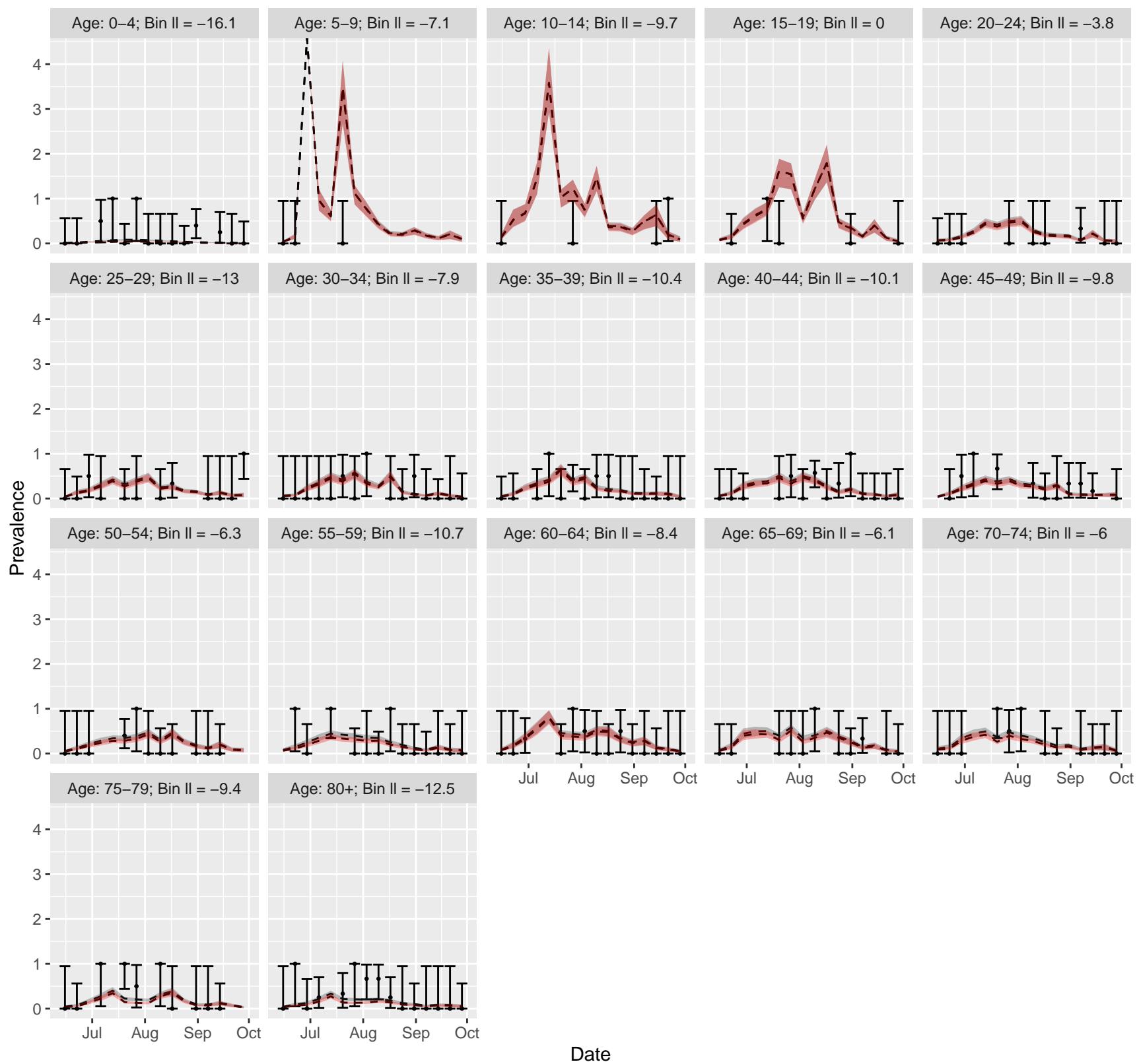


IFR x 1.25, Slope x 0.6  
Modelled COVID-19 Combined prevalence Lusaka

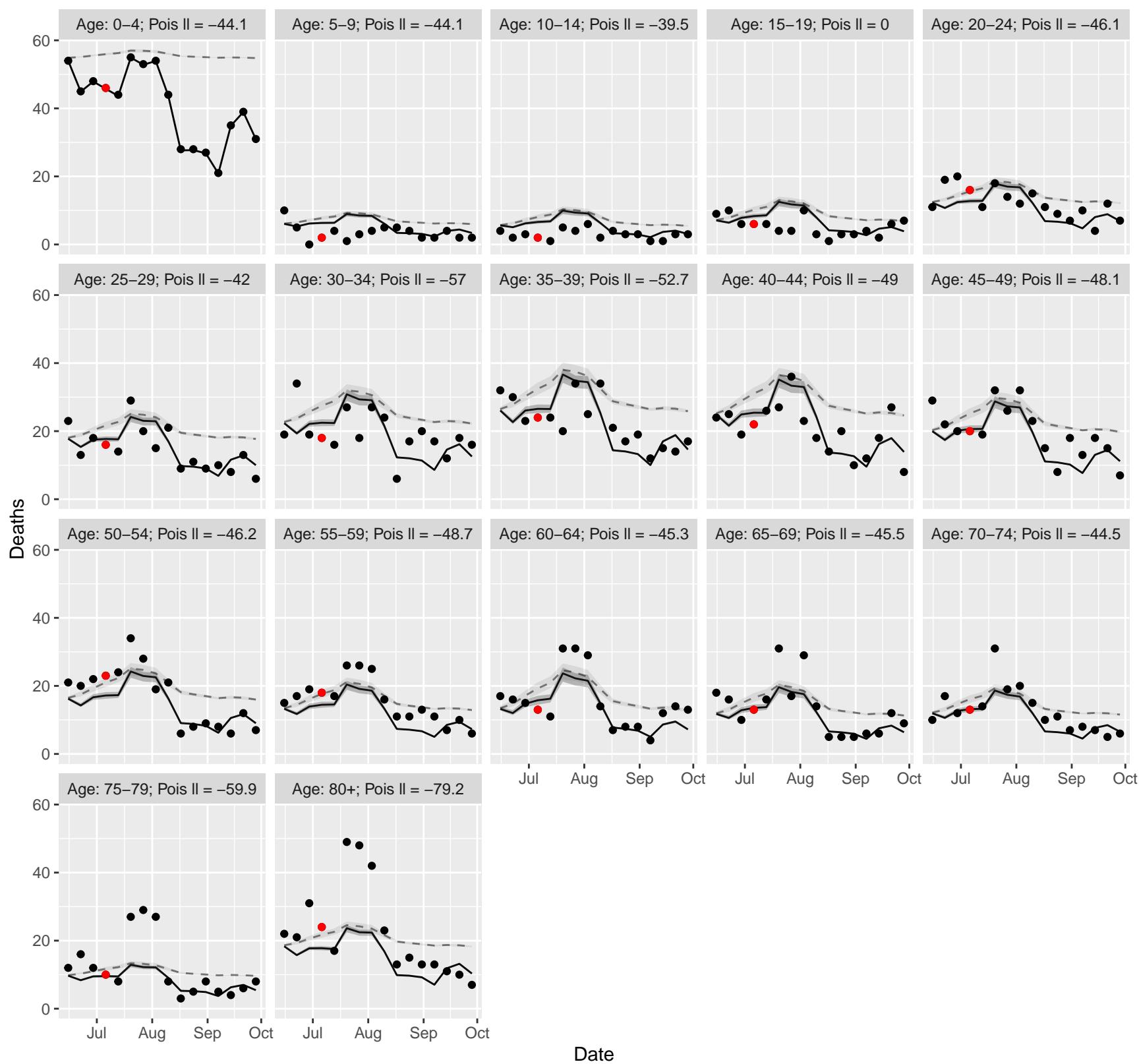




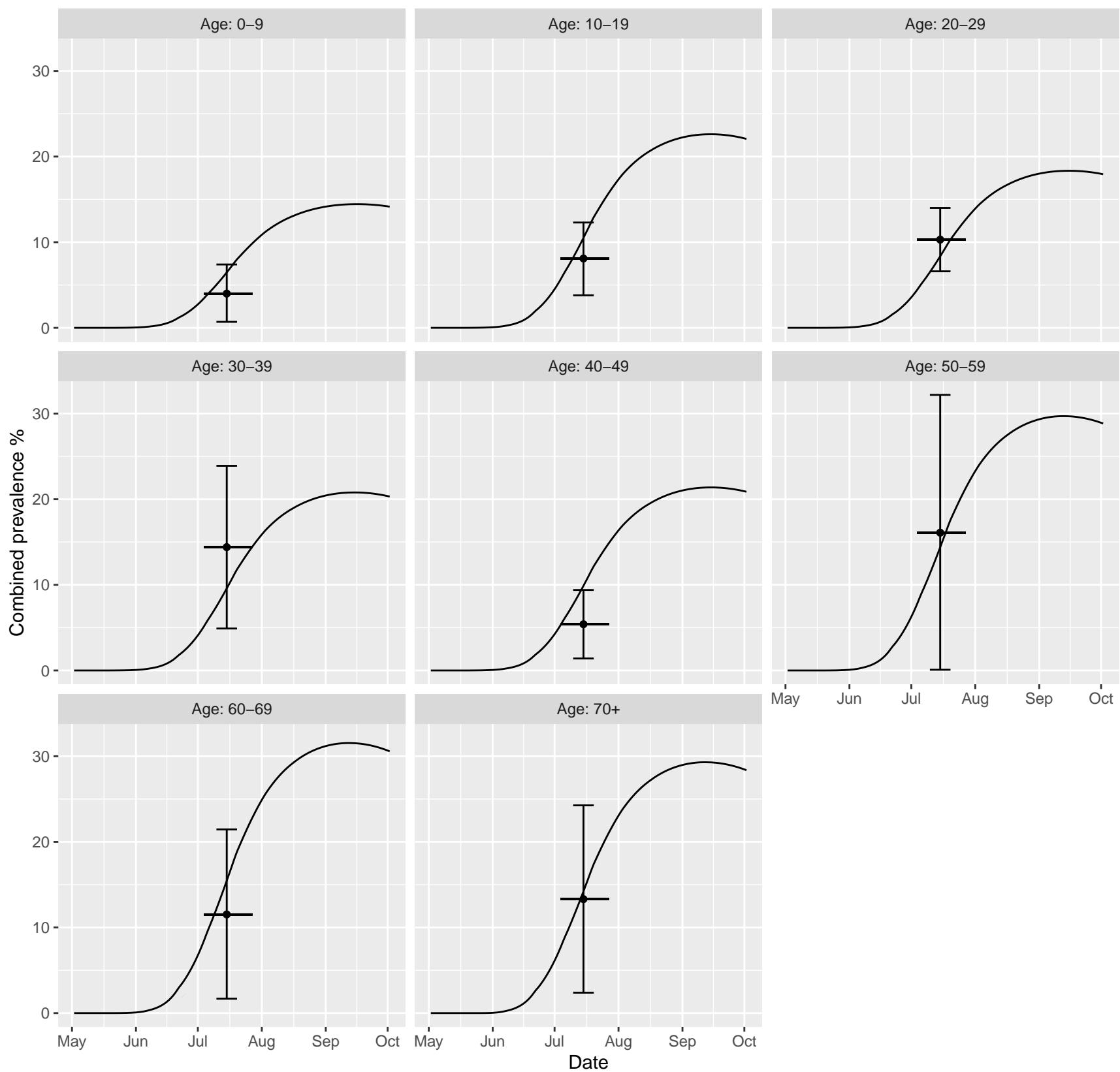
IFR x 1.66666666666667, Slope x 0.6  
COVID-19 weekly prevalence (Mortuary)  
bin II = -147.3

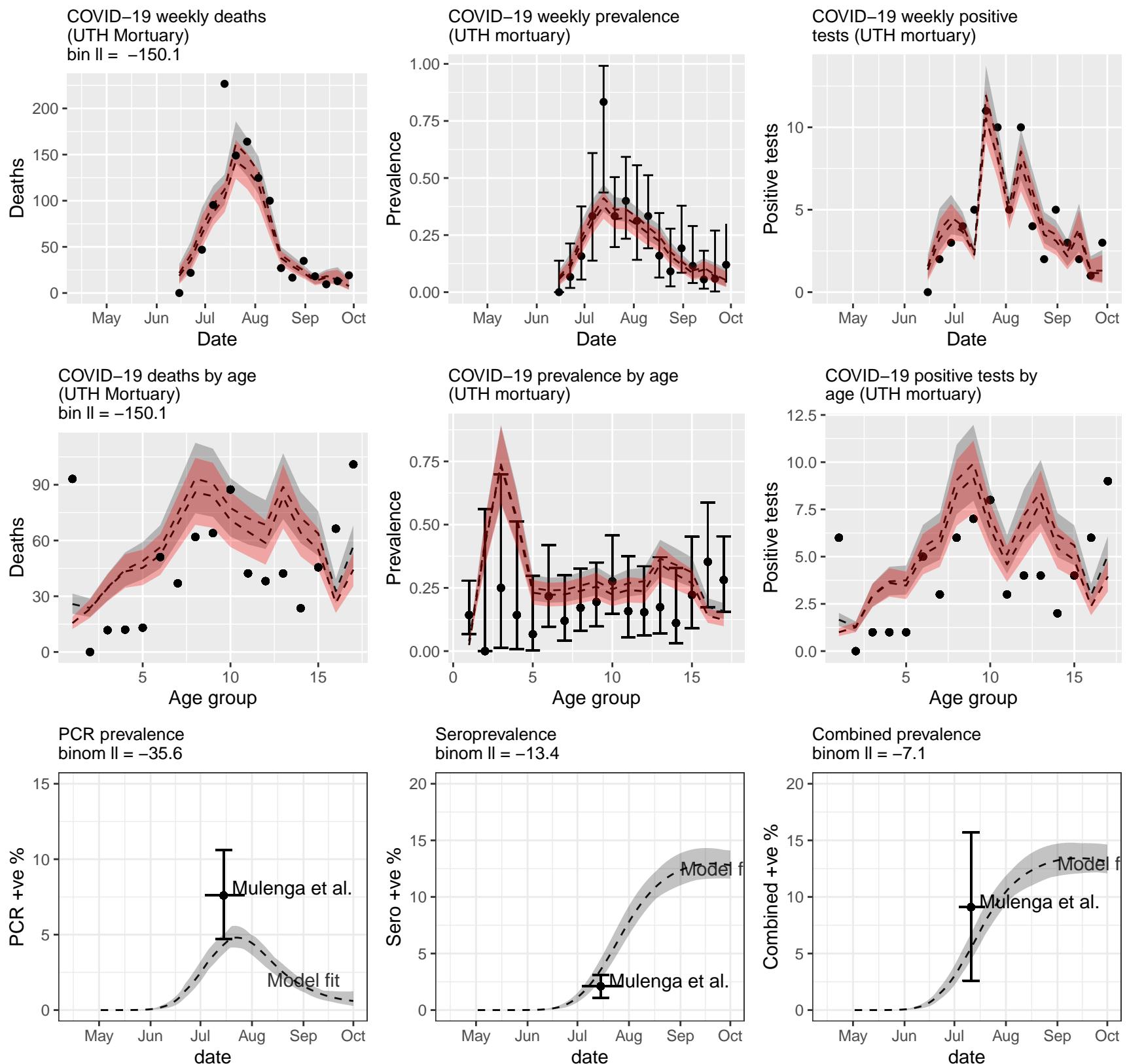


IFR x 1.6666666666666667, Slope x 0.6  
COVID-19 weekly deaths (Mortuary)  
pois II = -791.8



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

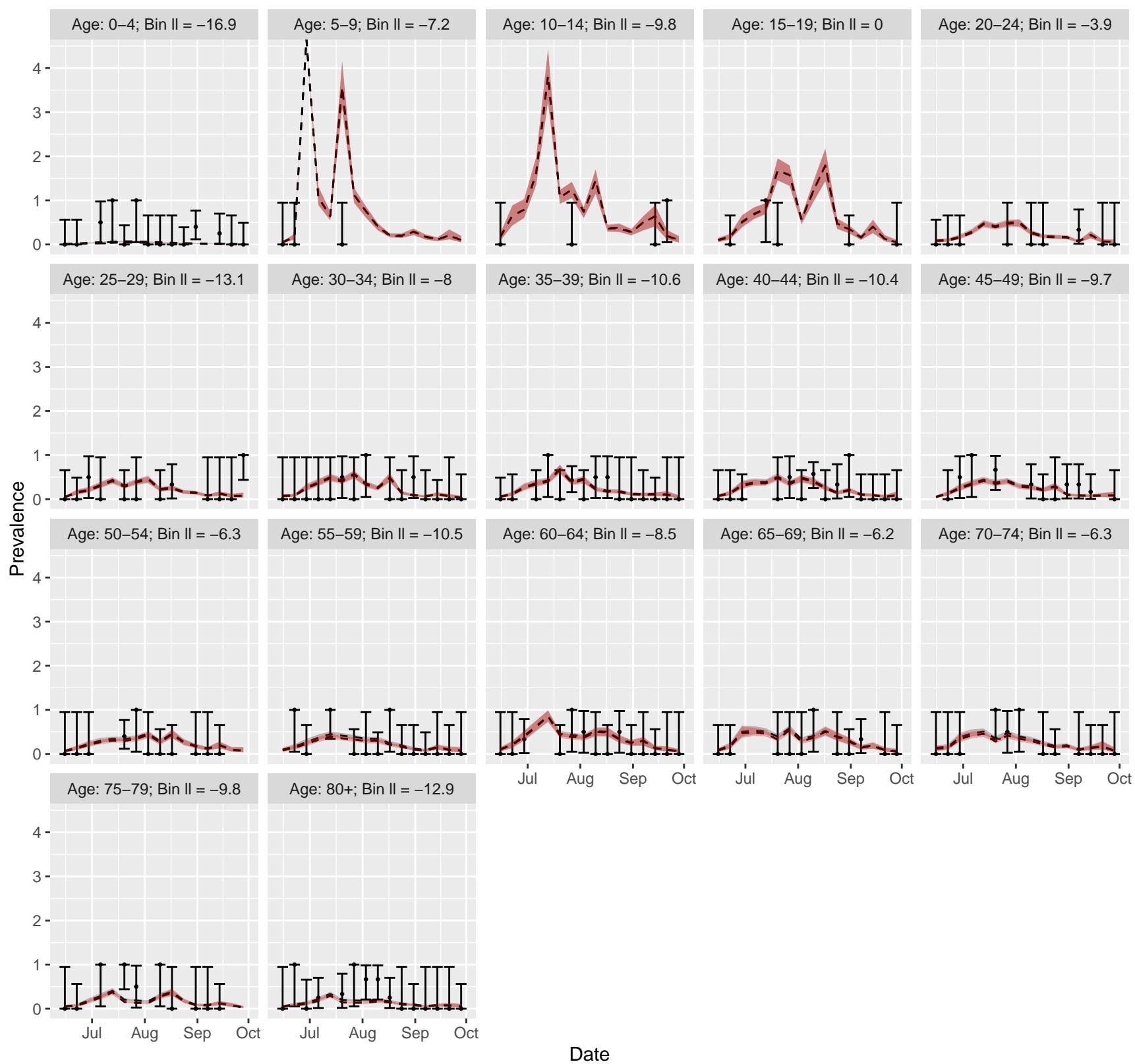




IFR x 2.5, Slope x 0.6

COVID-19 weekly prevalence (Mortuary)

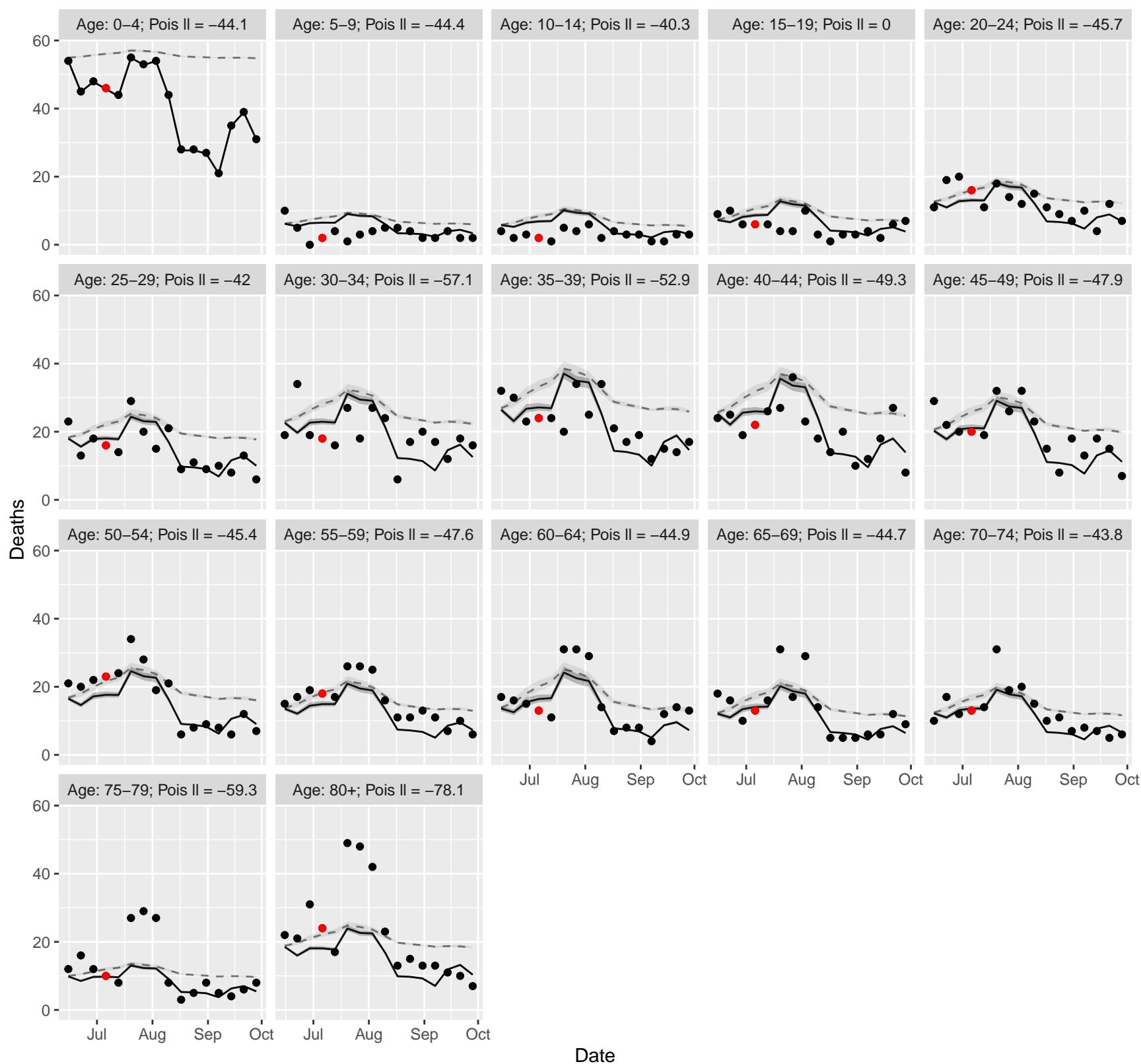
bin II = -150.1



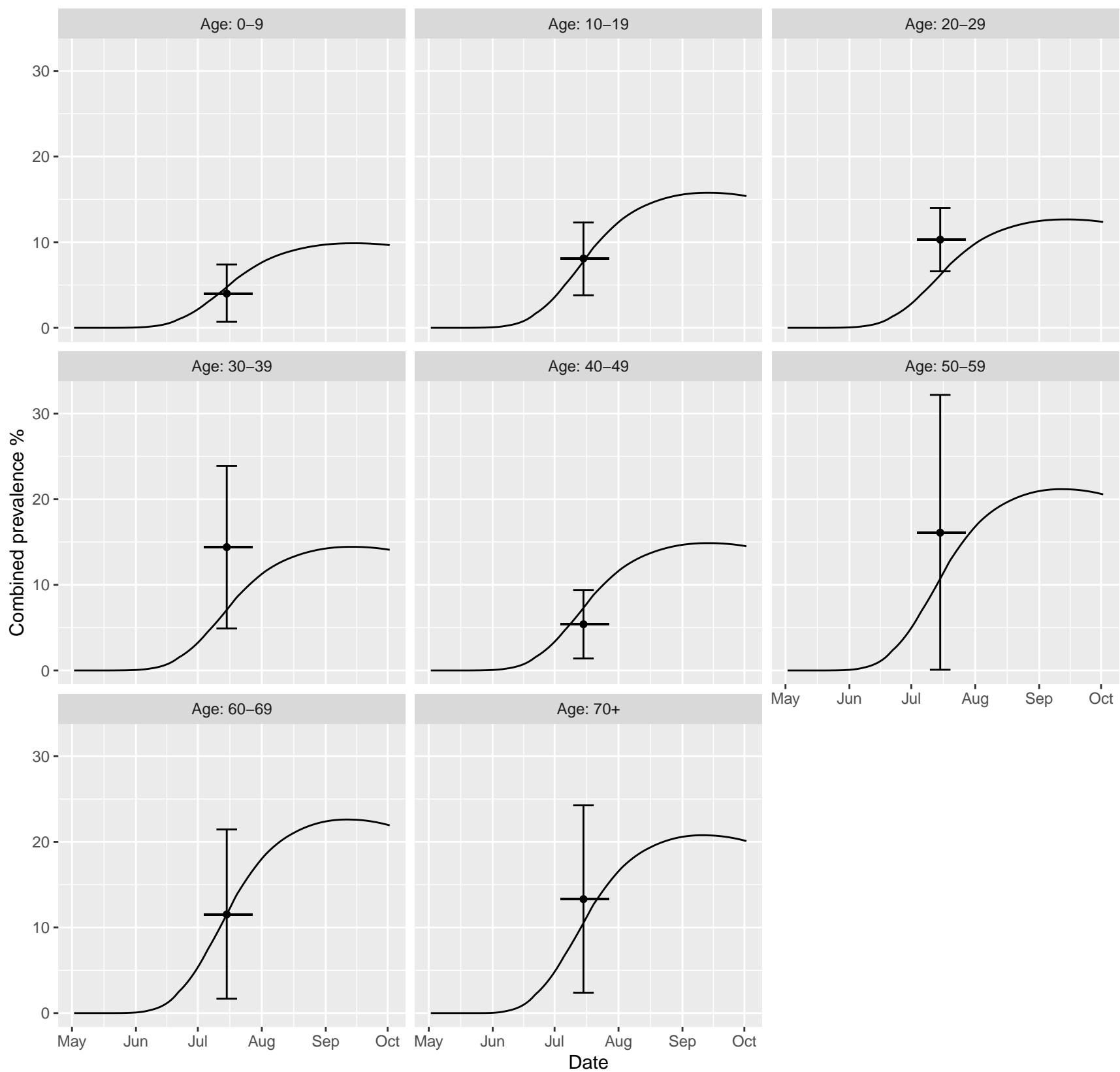
IFR x 2.5, Slope x 0.6

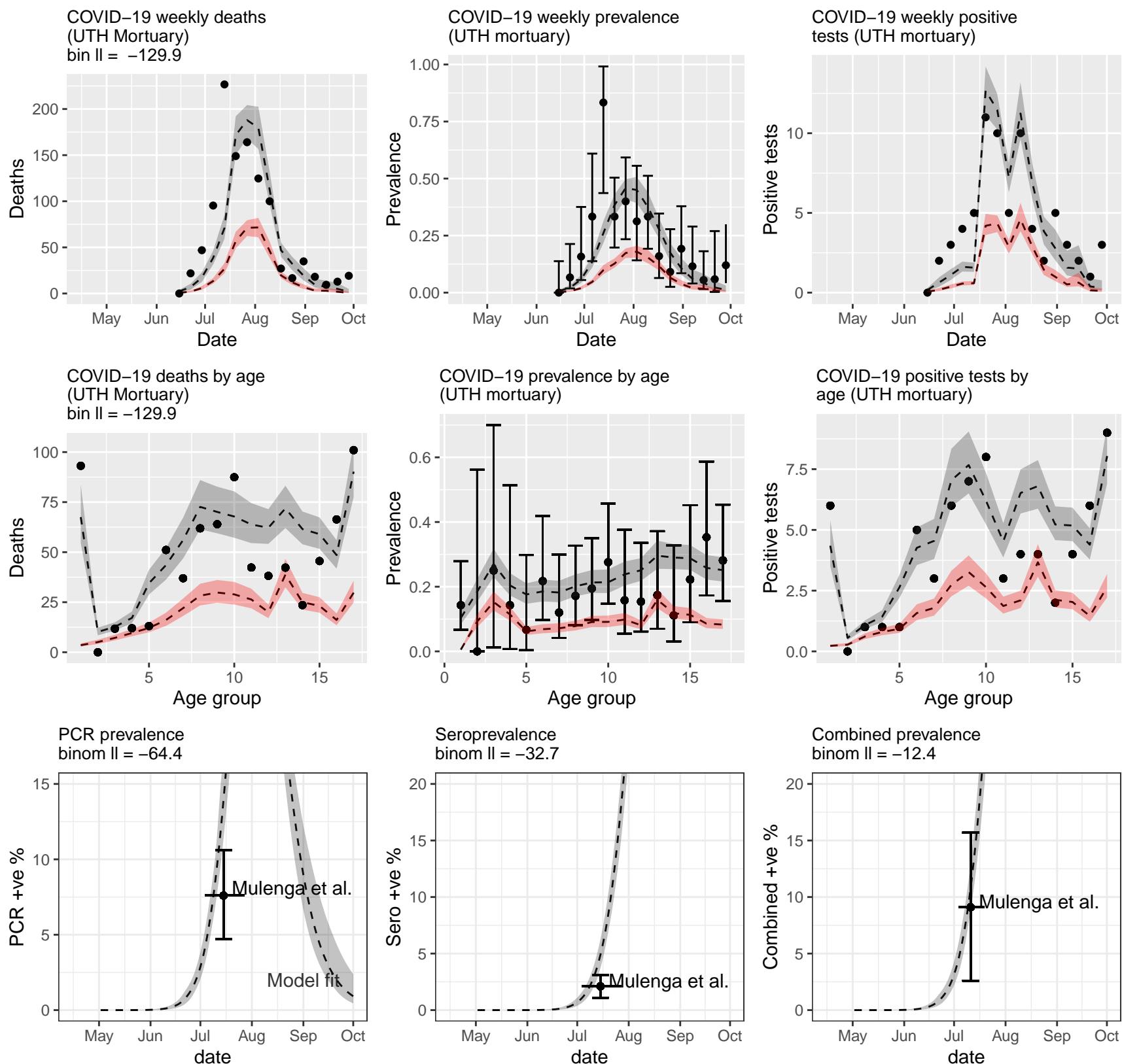
COVID-19 weekly deaths (Mortuary)

pois II = -787.6



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

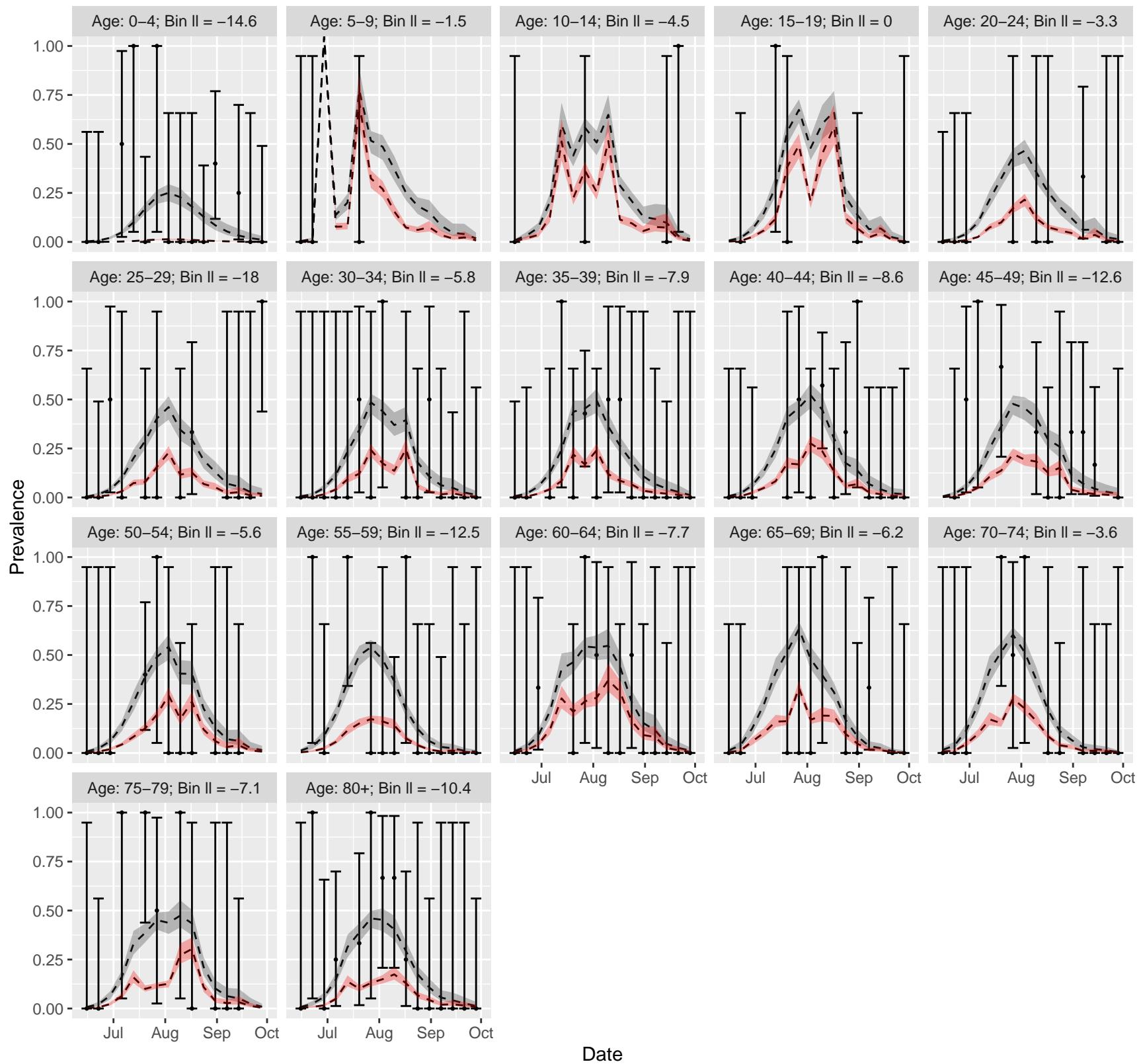




IFR x 0.2, Slope x 0.8

COVID-19 weekly prevalence (Mortuary)

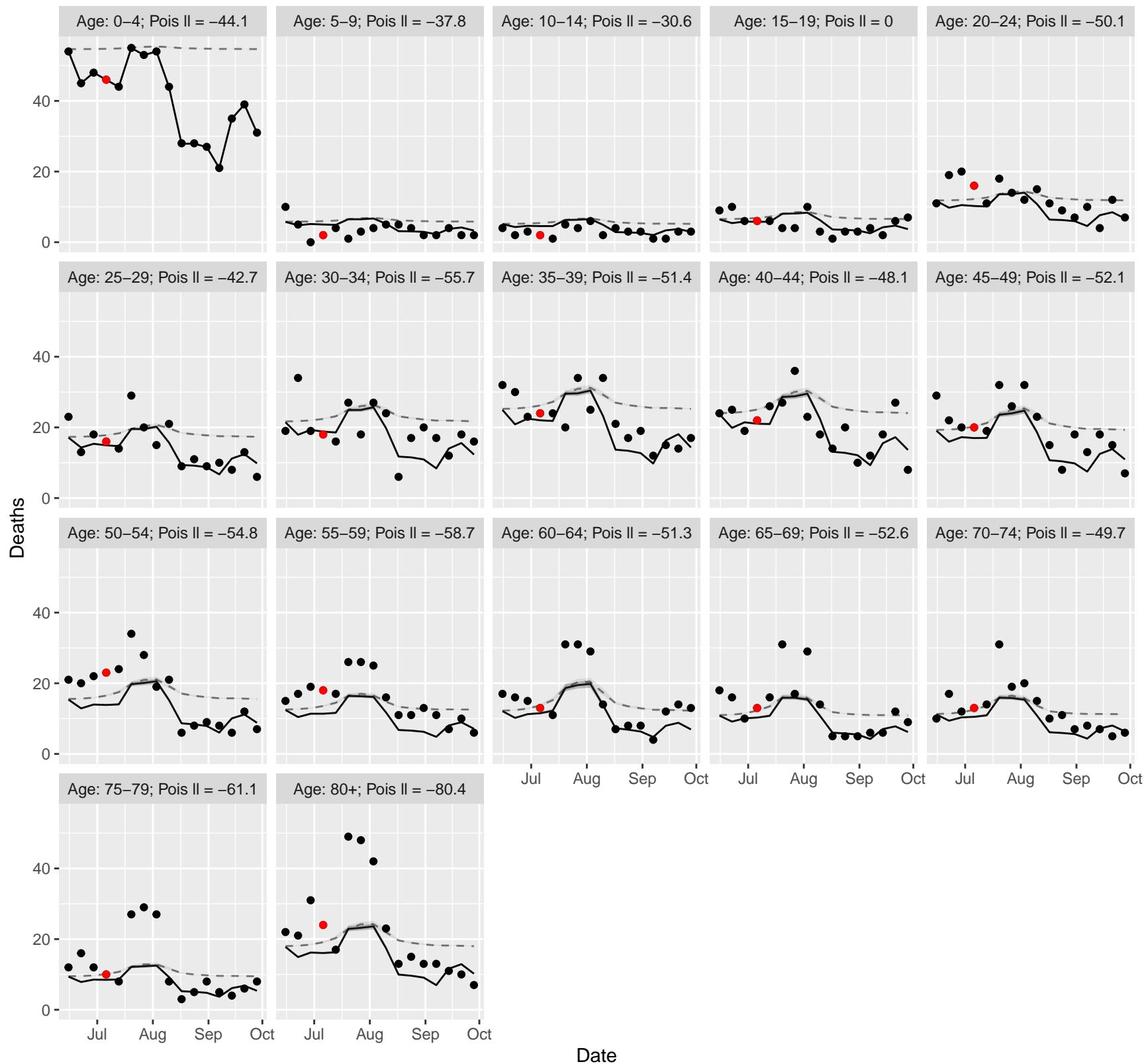
bin II = -129.9



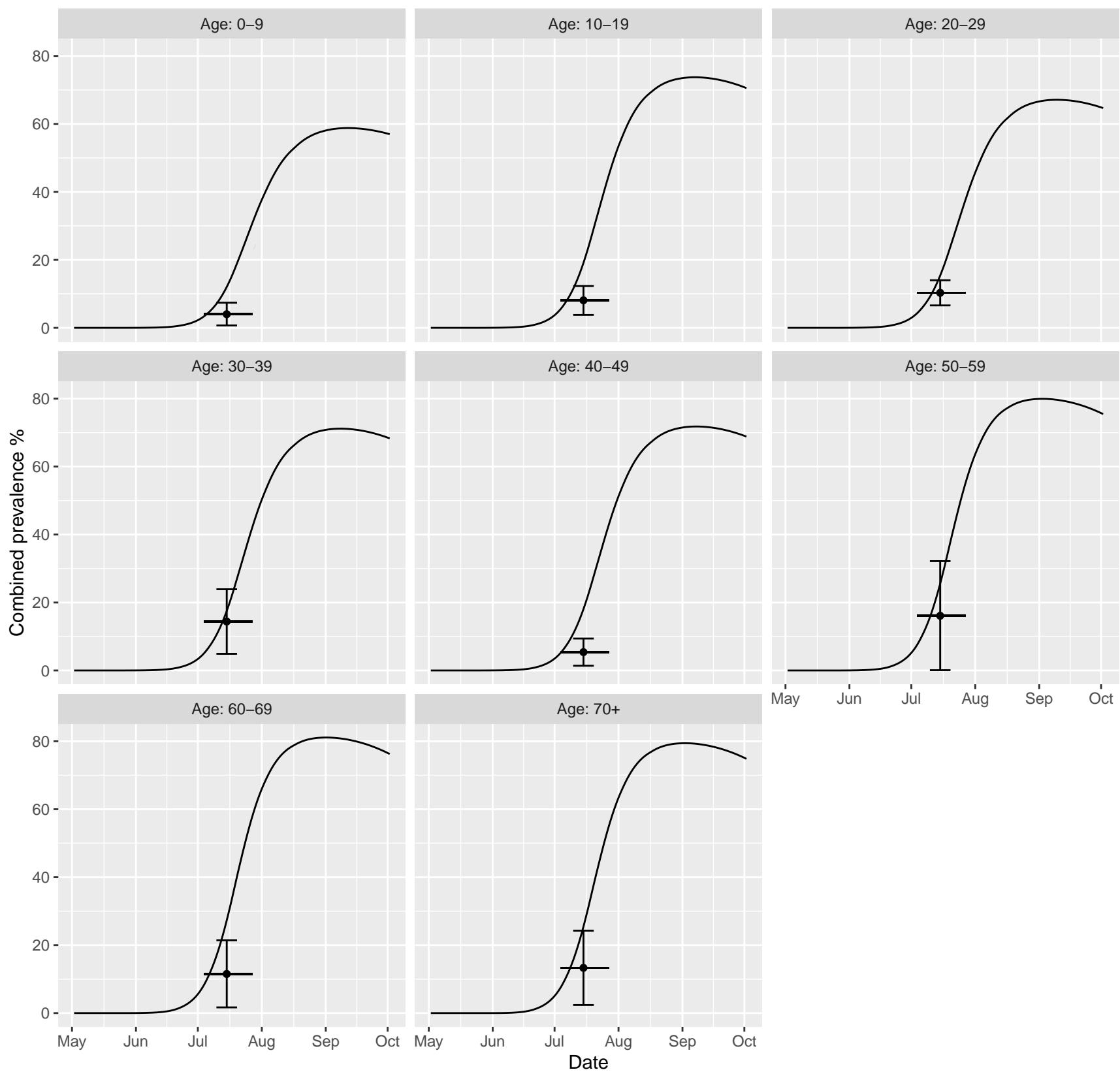
IFR x 0.2, Slope x 0.8

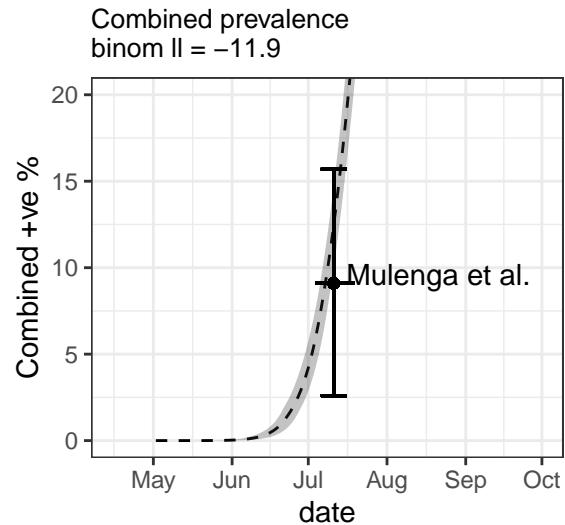
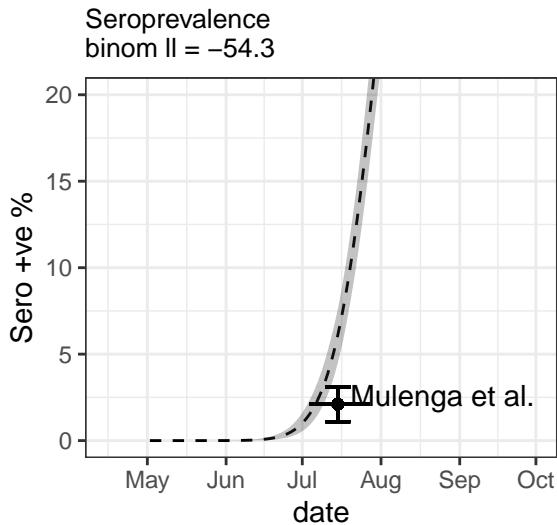
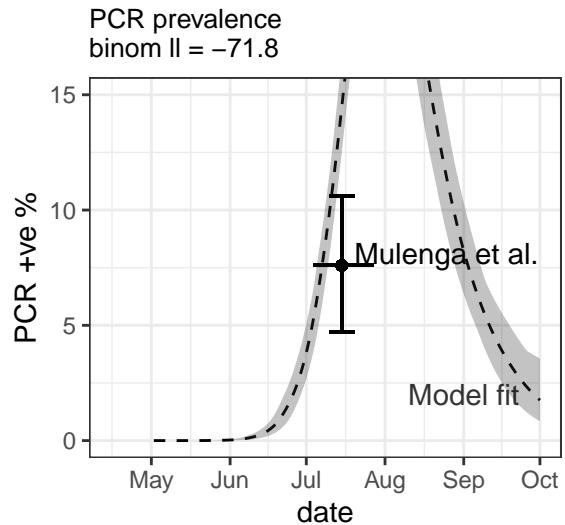
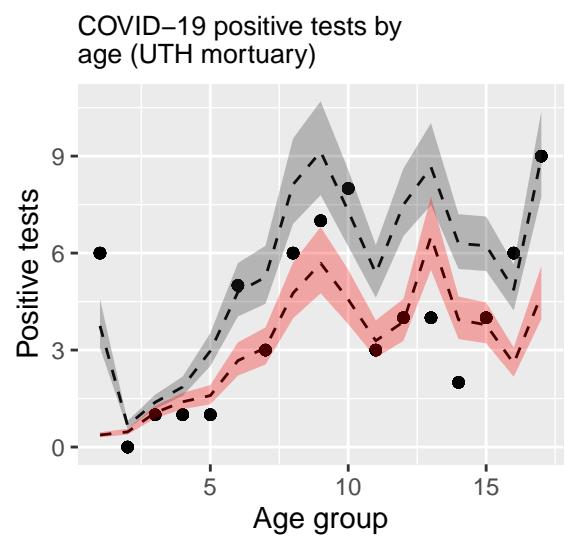
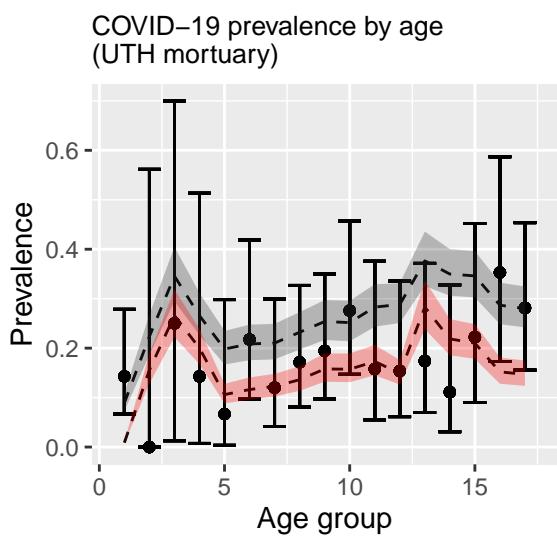
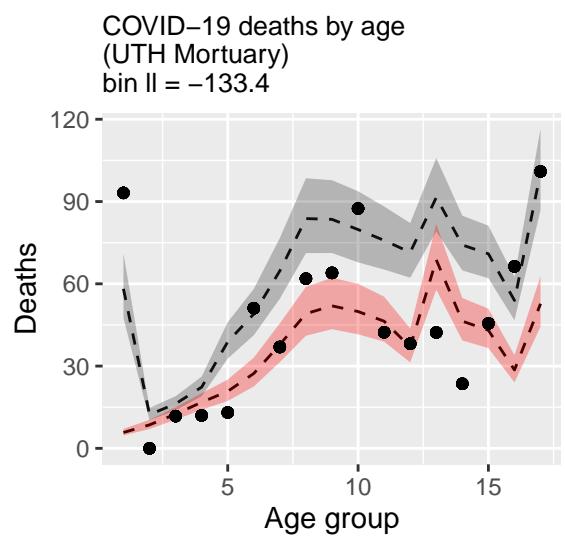
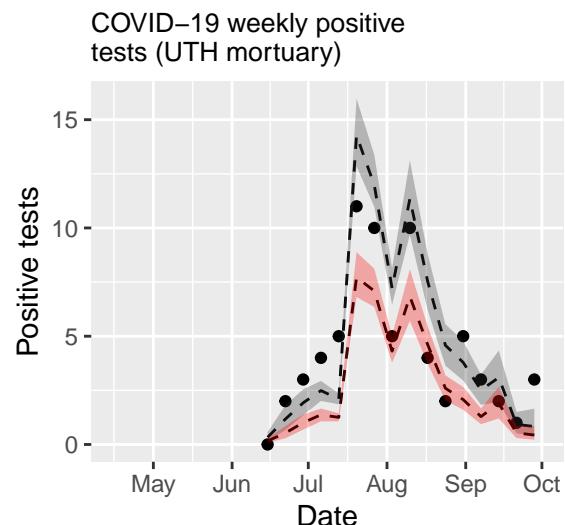
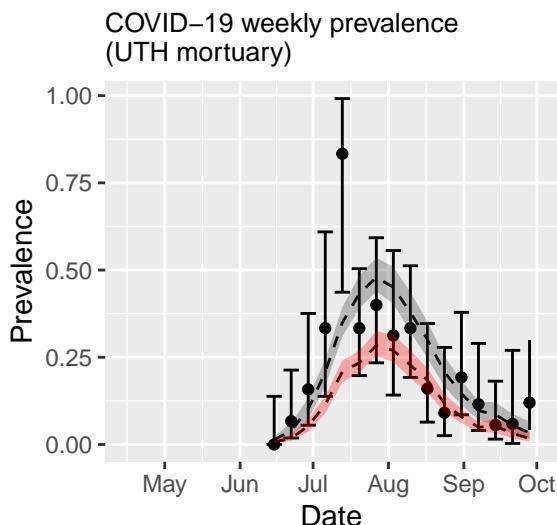
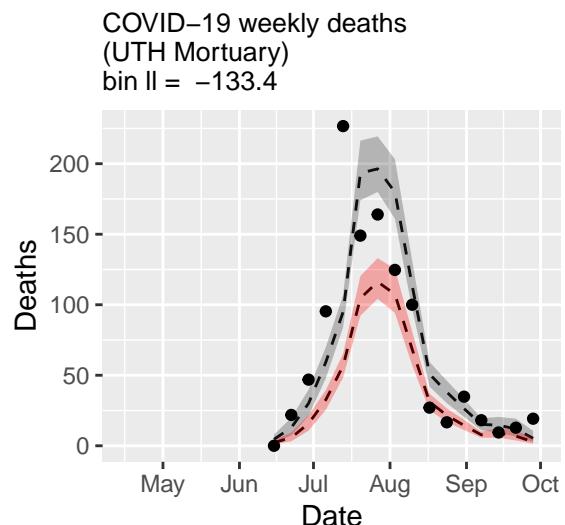
COVID-19 weekly deaths (Mortuary)

pois II = -821.3



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

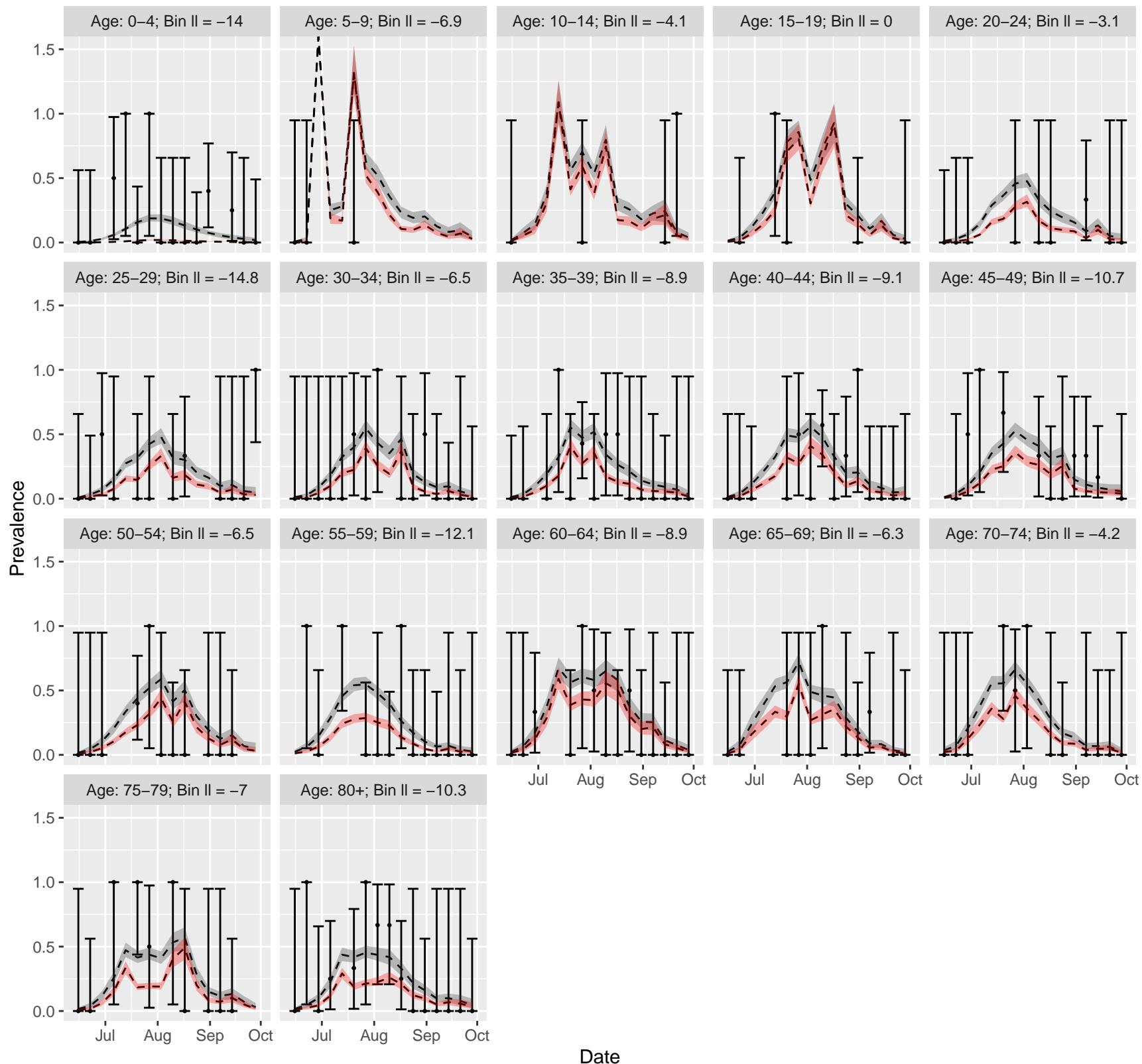




IFR x 0.4, Slope x 0.8

COVID-19 weekly prevalence (Mortuary)

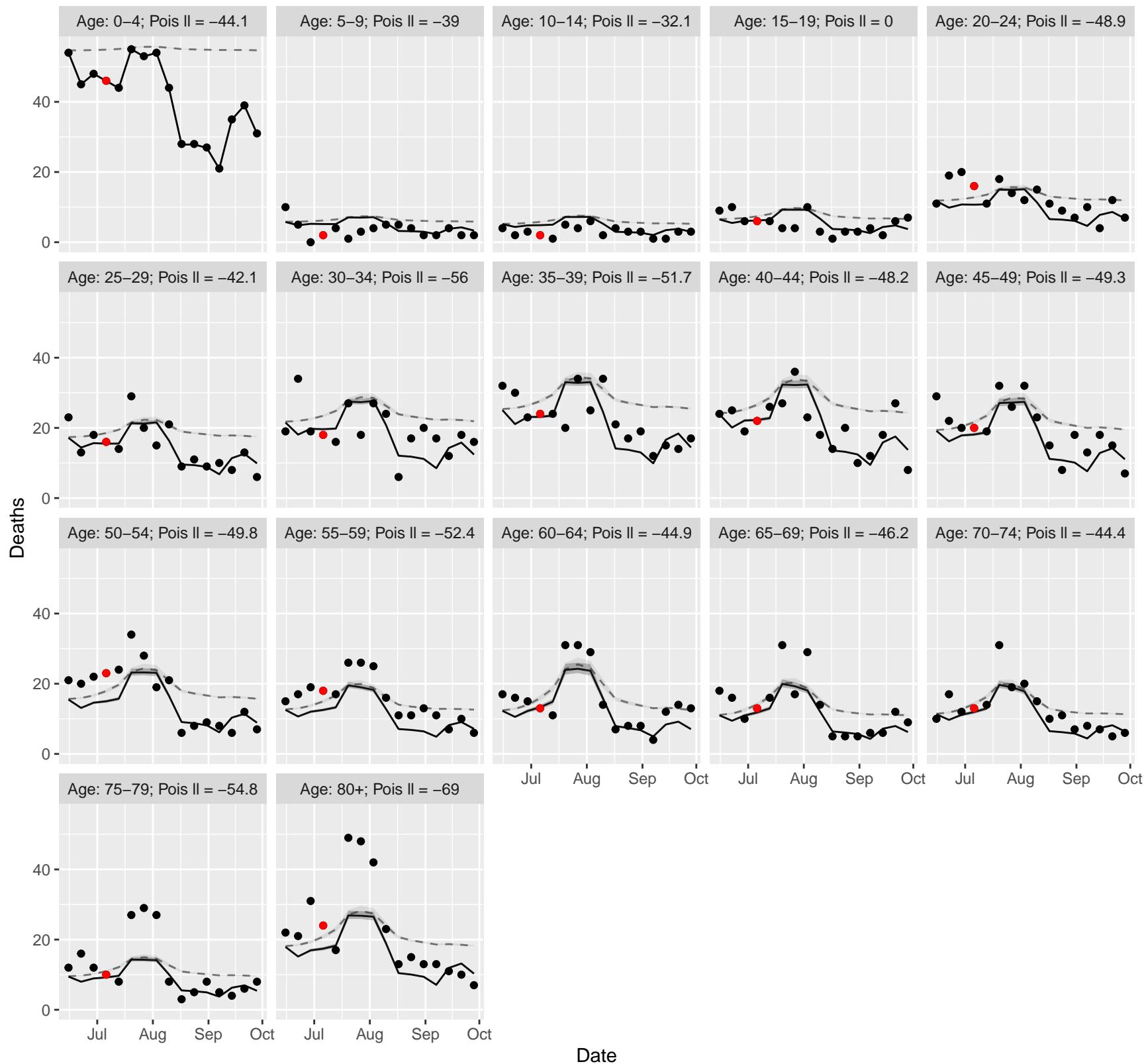
bin II = -133.4



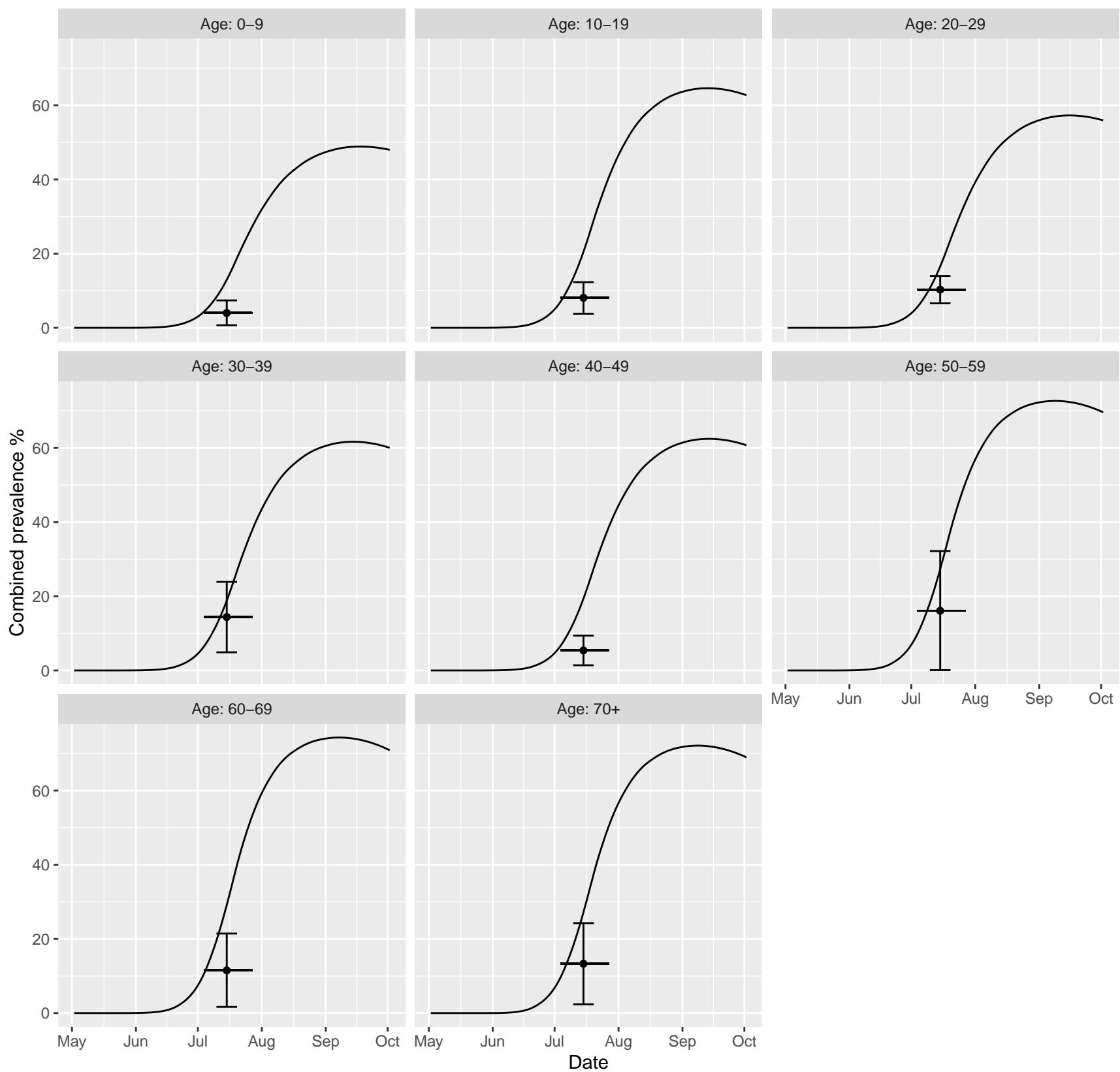
IFR x 0.4, Slope x 0.8

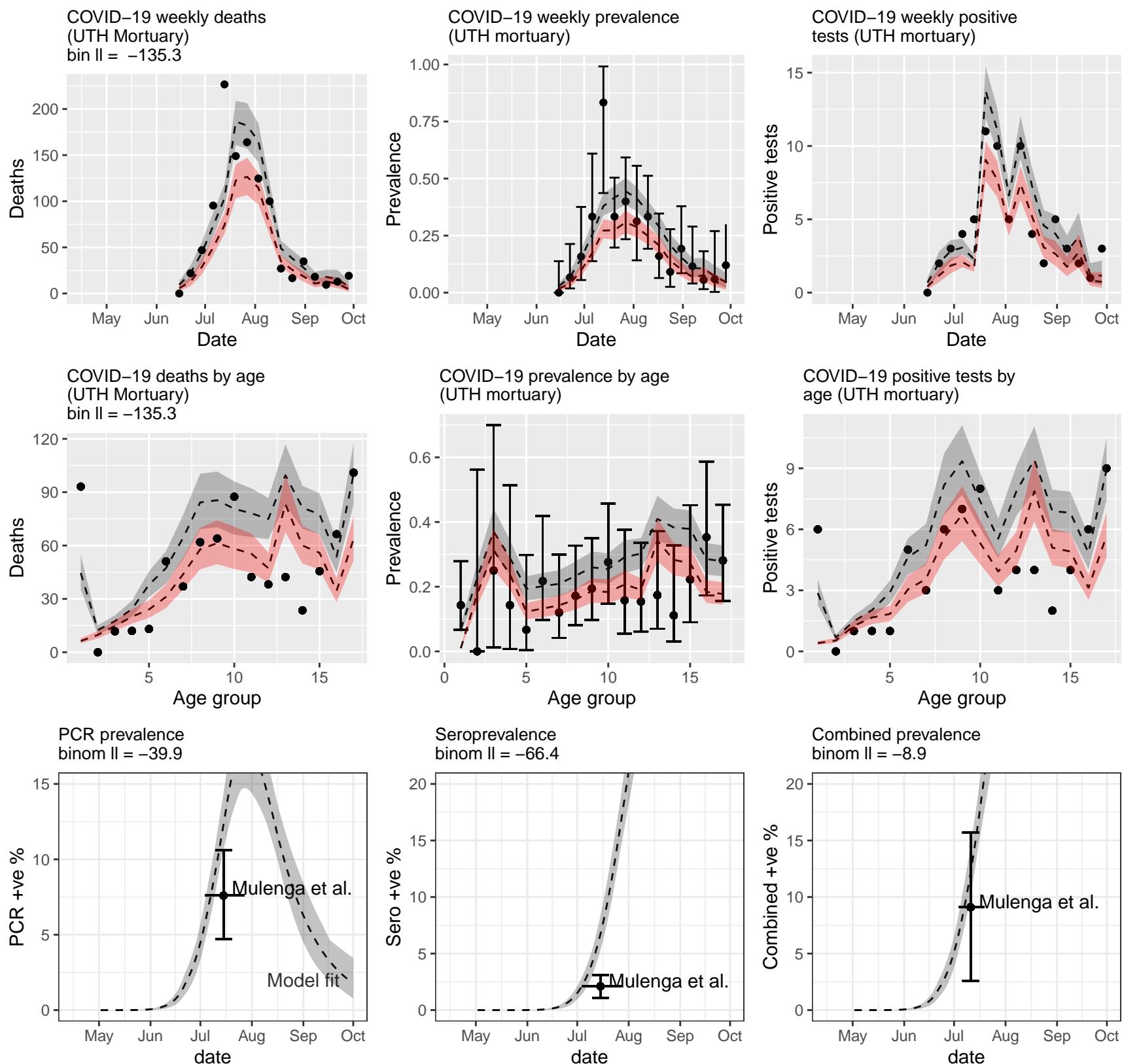
COVID-19 weekly deaths (Mortuary)

pois II = -772.9



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

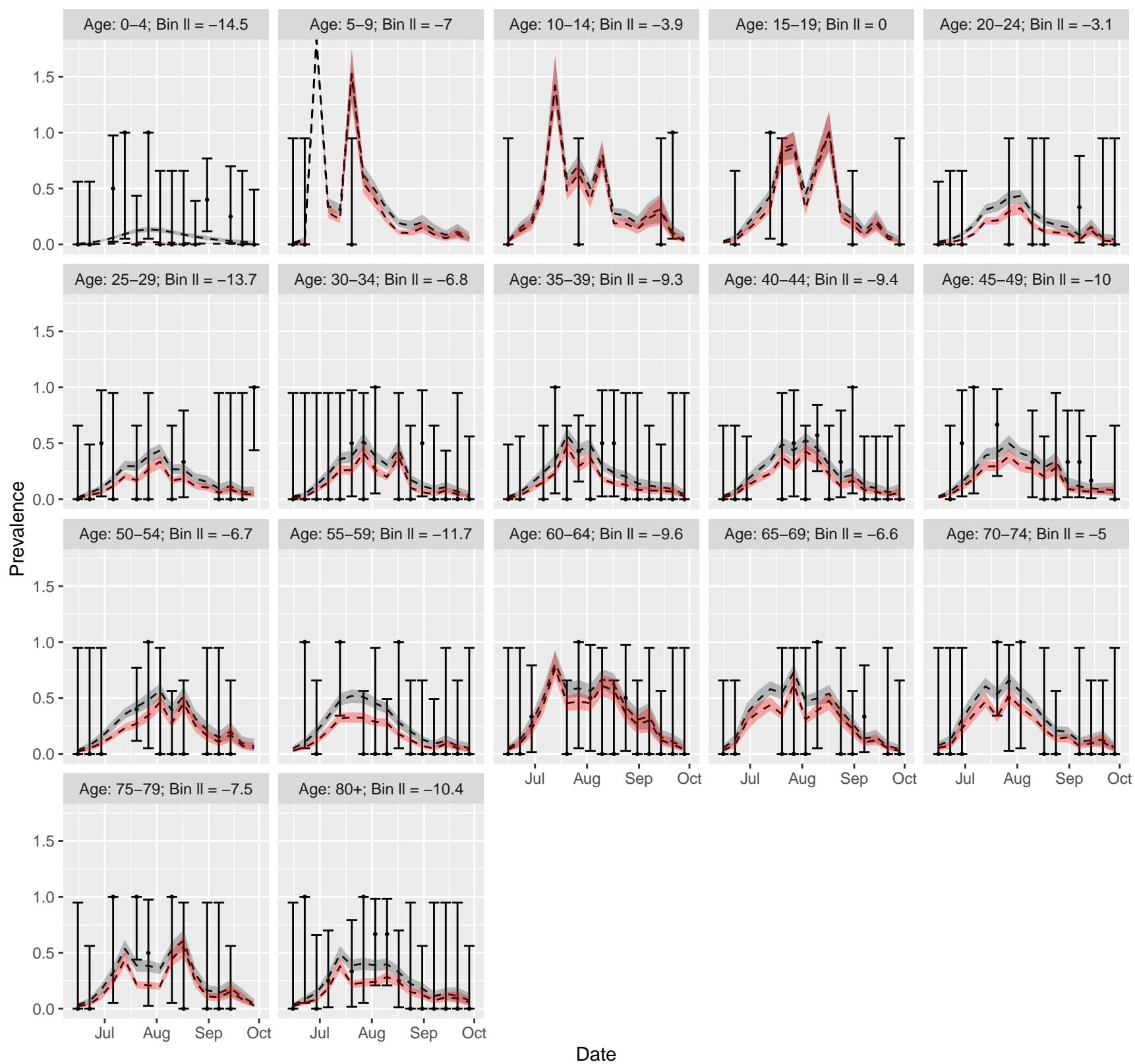




IFR x 0.6, Slope x 0.8

COVID-19 weekly prevalence (Mortuary)

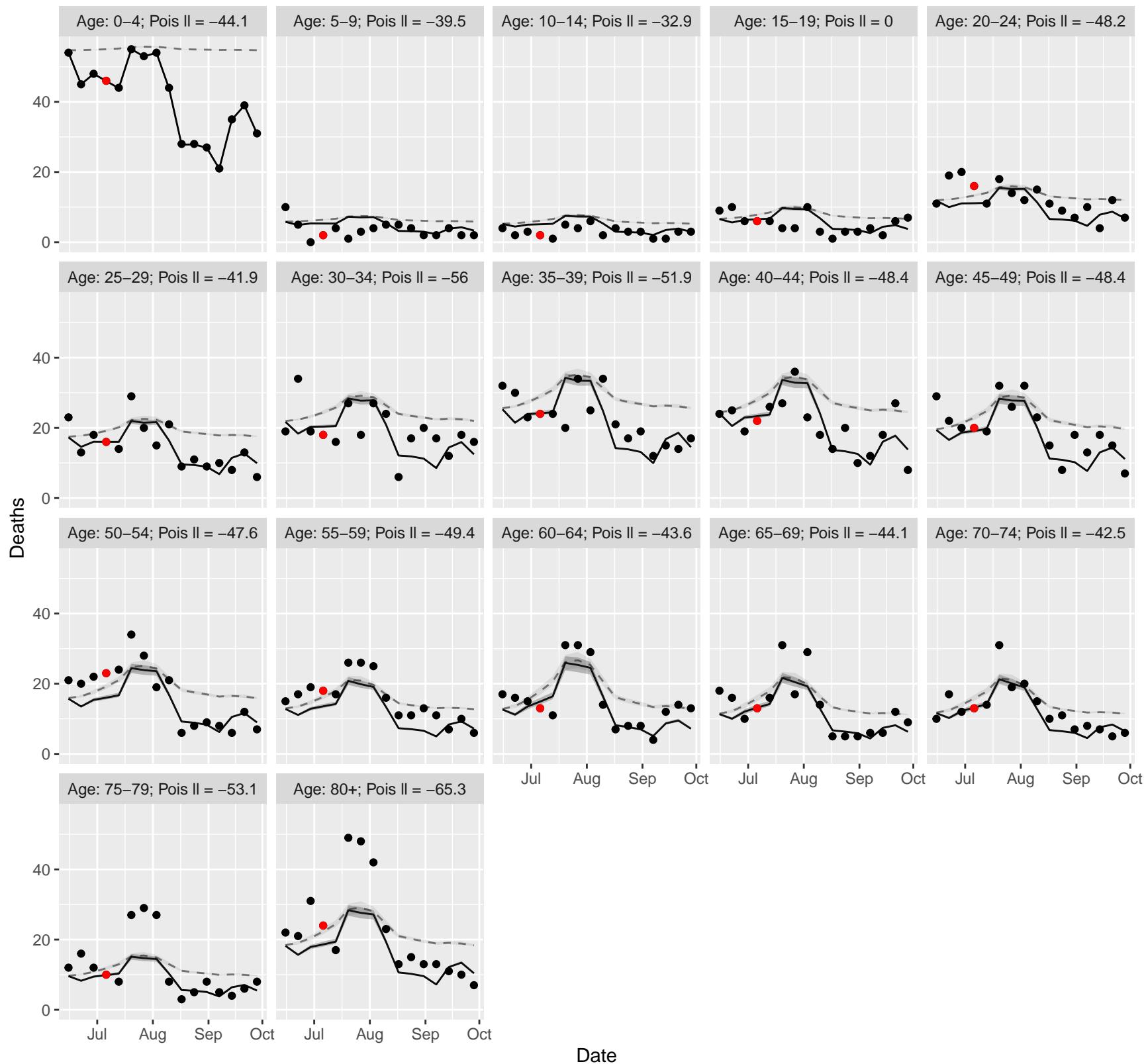
bin II = -135.3



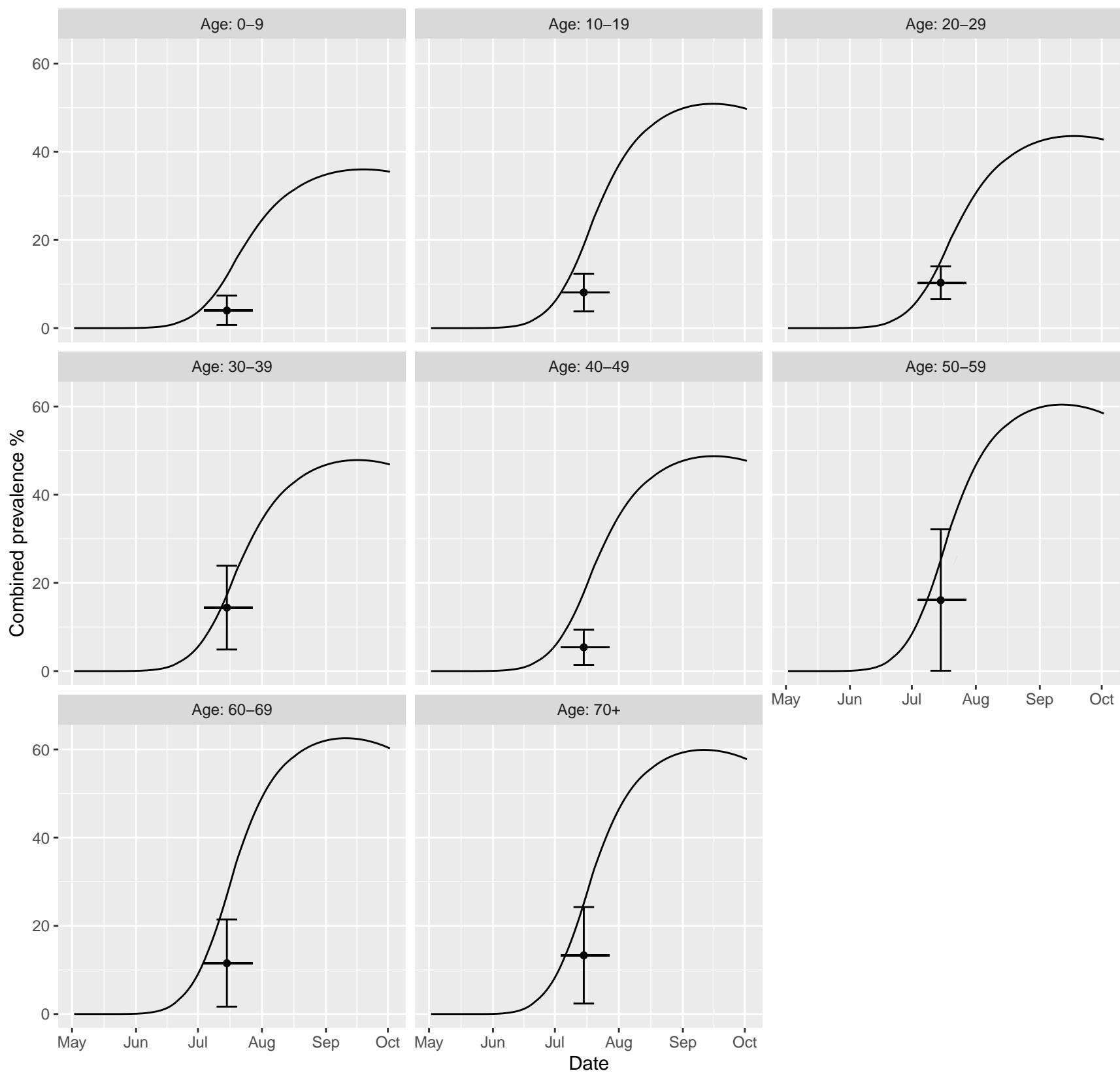
IFR x 0.6, Slope x 0.8

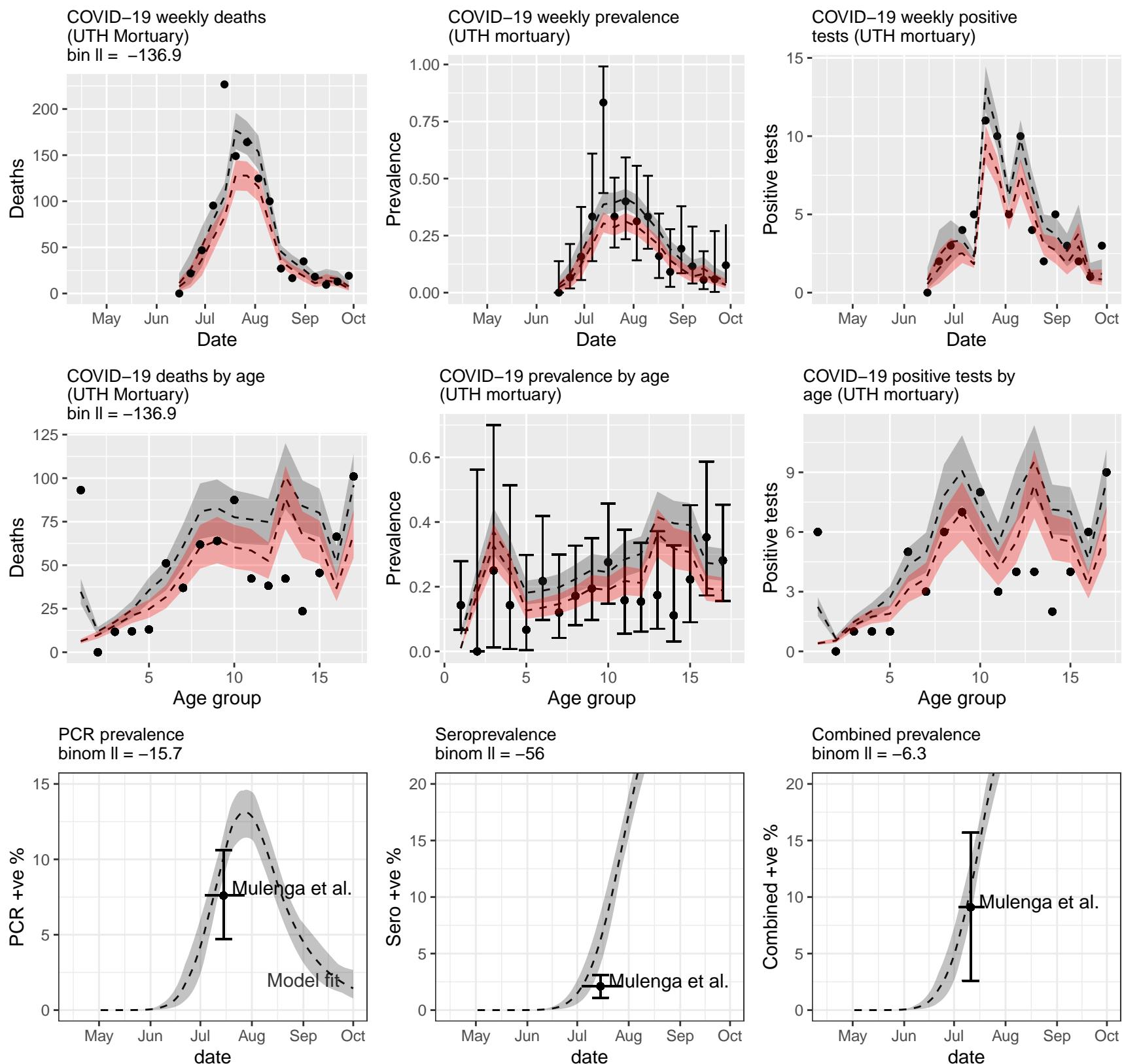
COVID-19 weekly deaths (Mortuary)

pois II = -757



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

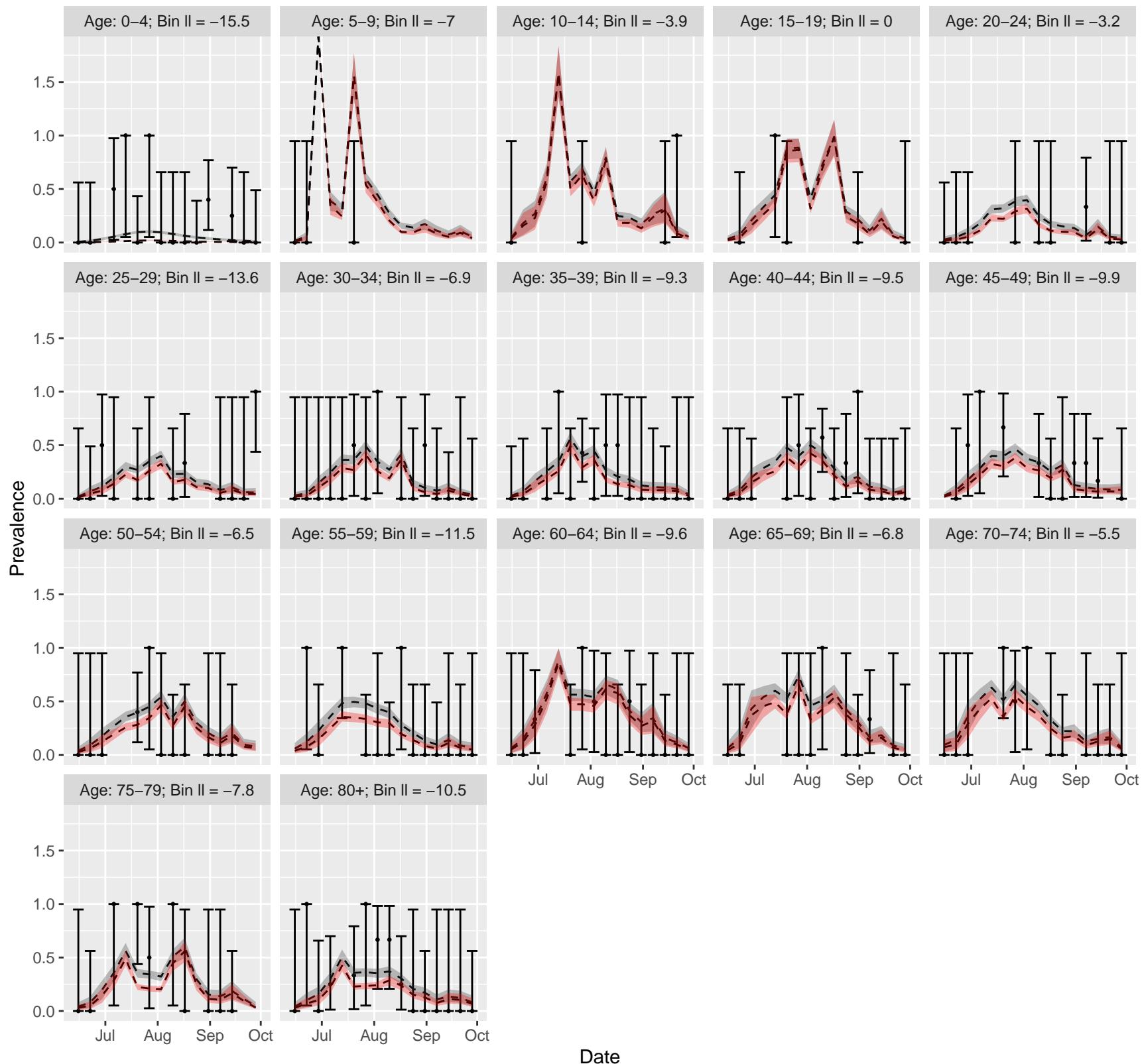




IFR x 0.8, Slope x 0.8

COVID-19 weekly prevalence (Mortuary)

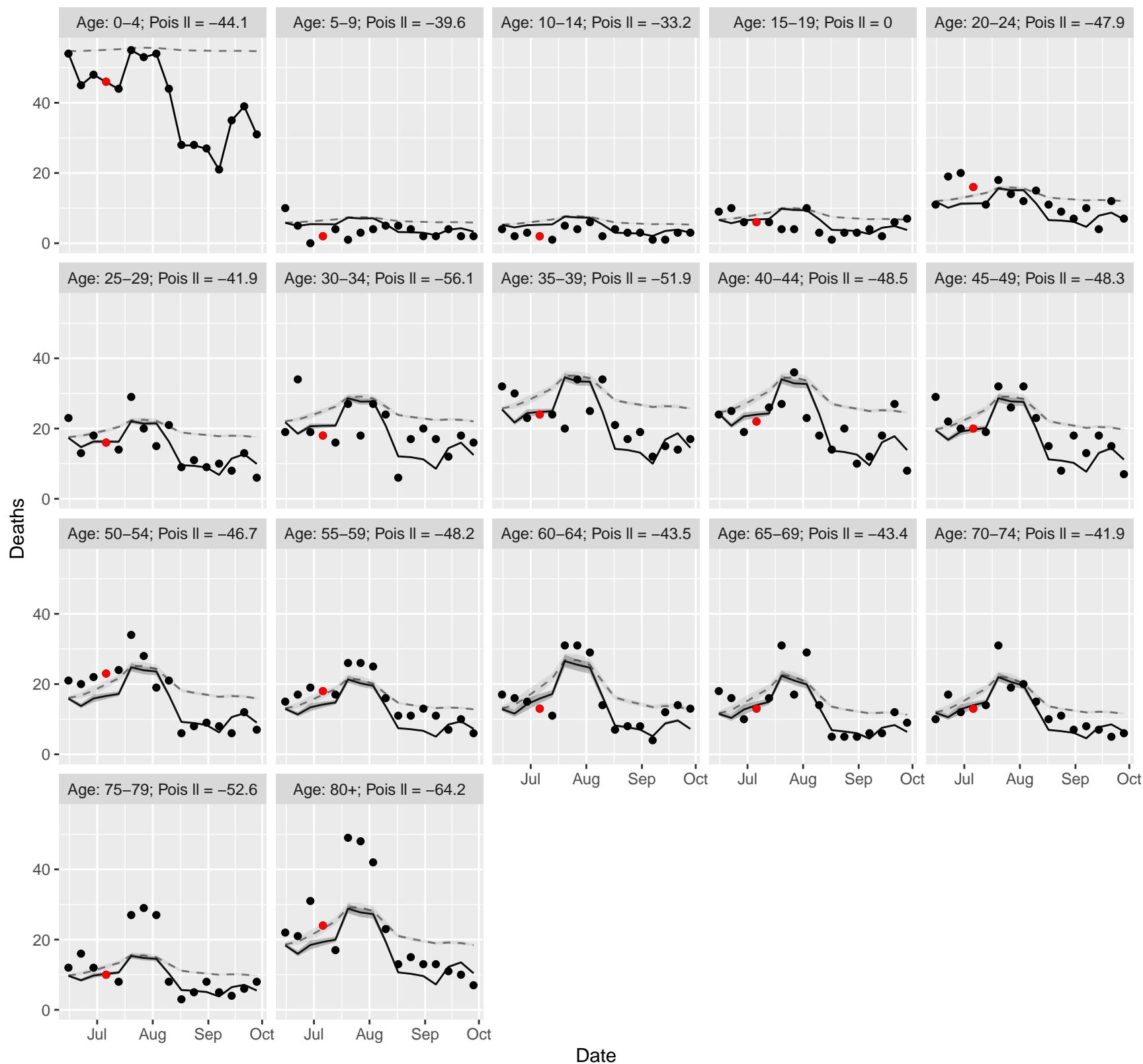
bin II = -136.9



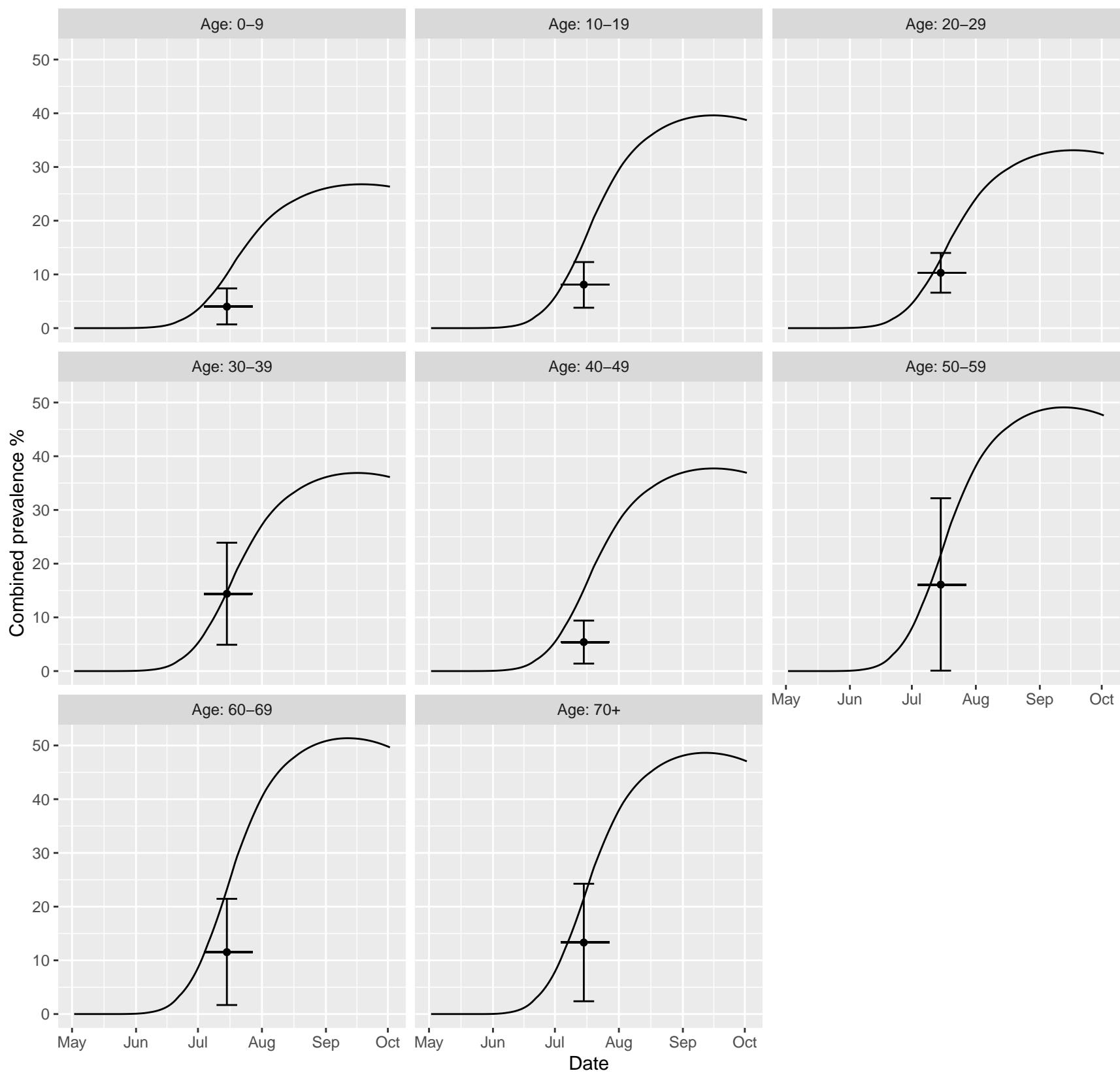
IFR x 0.8, Slope x 0.8

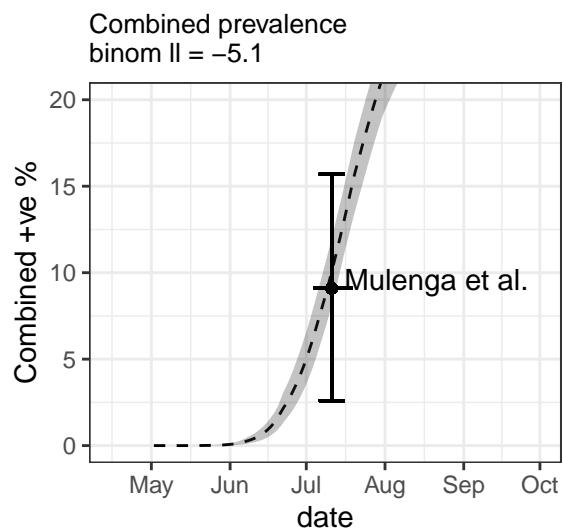
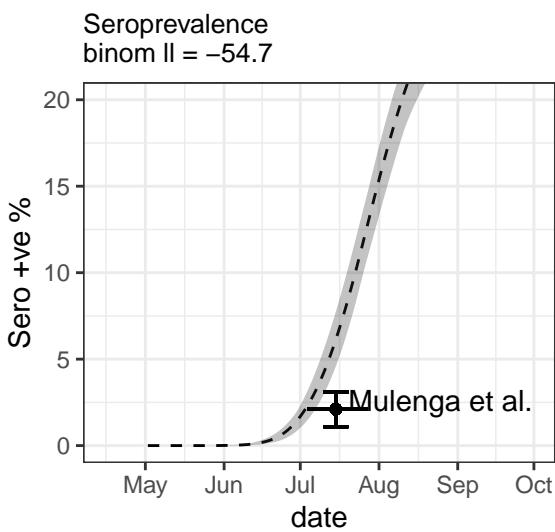
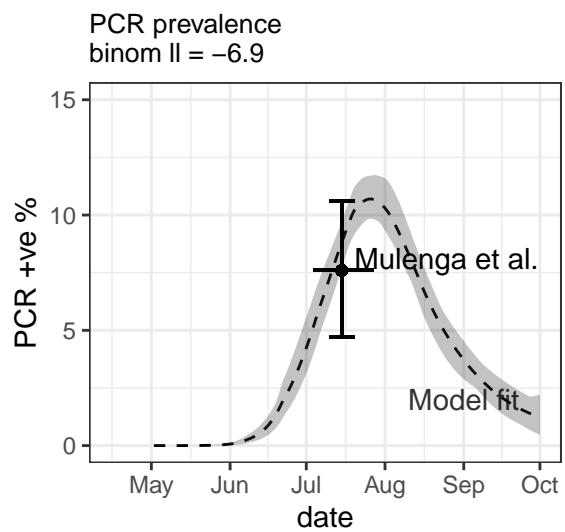
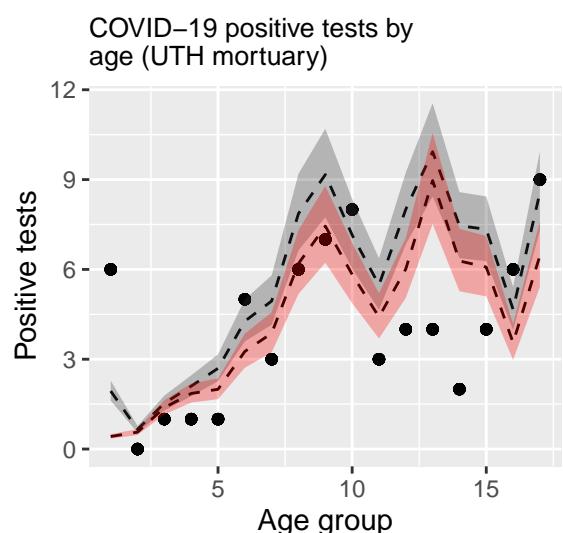
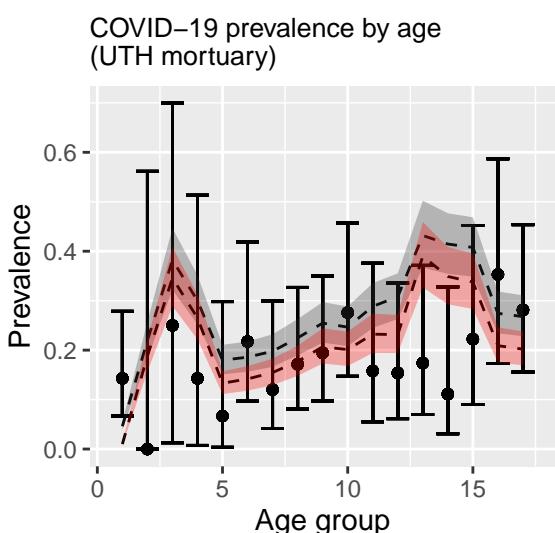
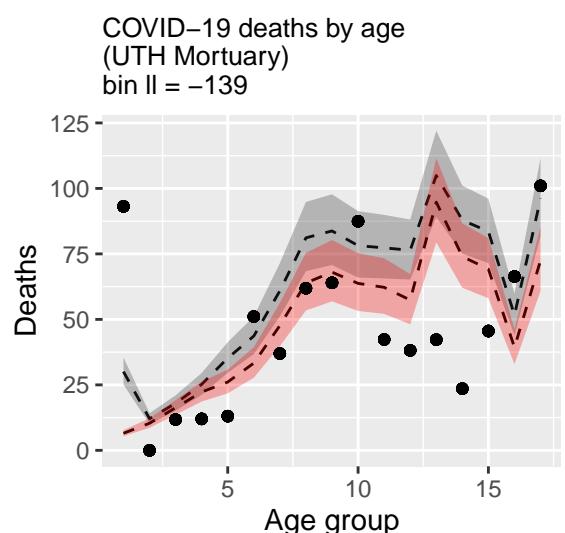
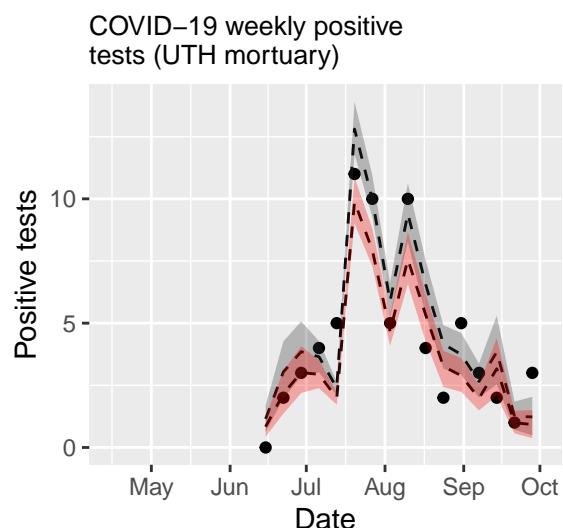
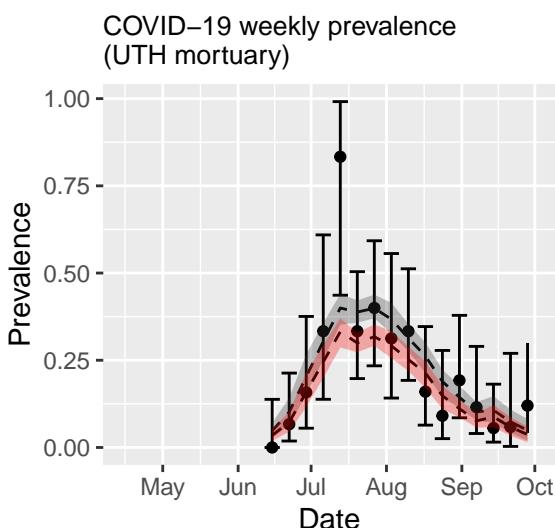
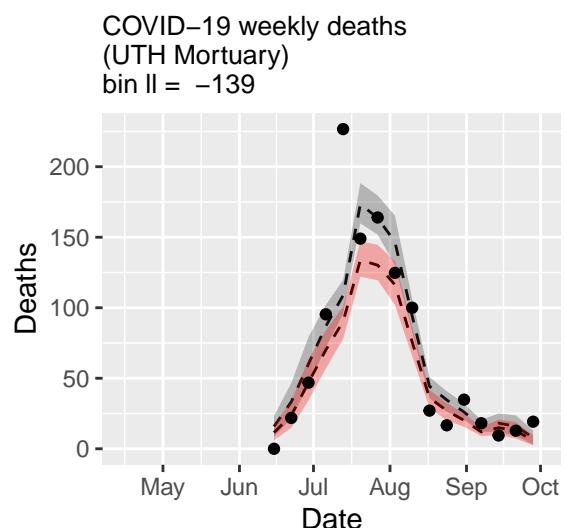
COVID-19 weekly deaths (Mortuary)

pois II = -751.9



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

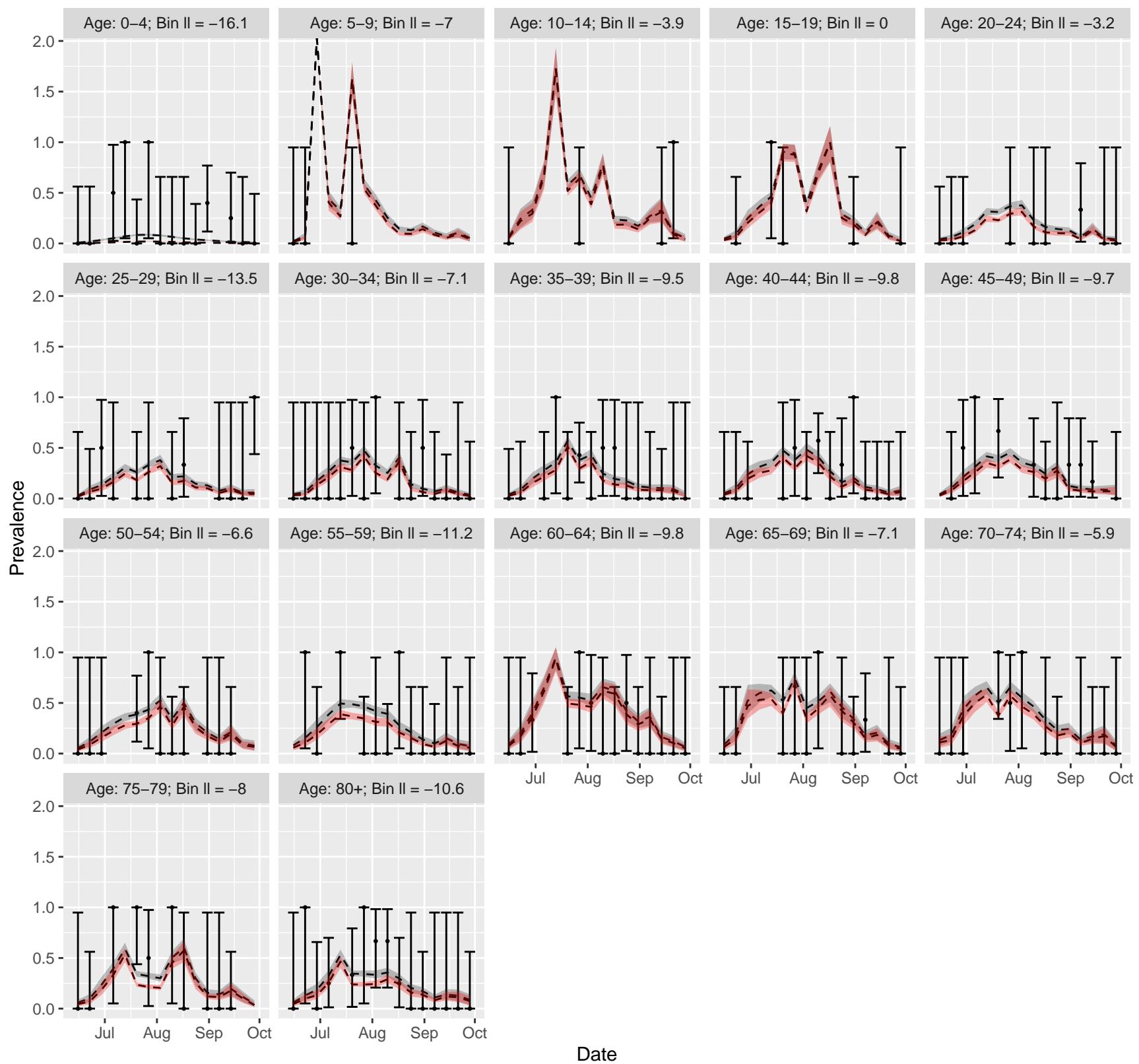




IFR x 1, Slope x 0.8

COVID-19 weekly prevalence (Mortuary)

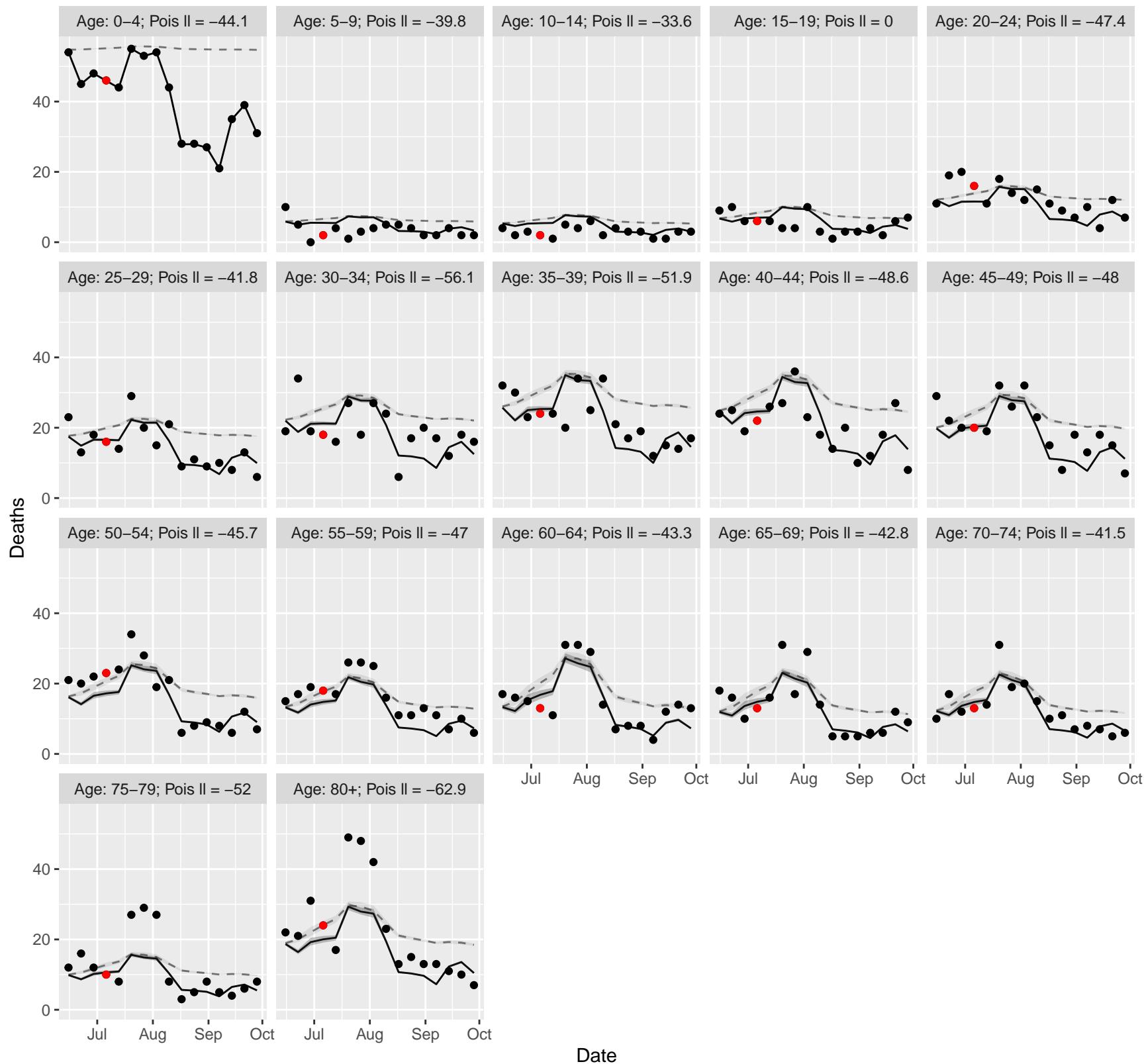
bin II = -139



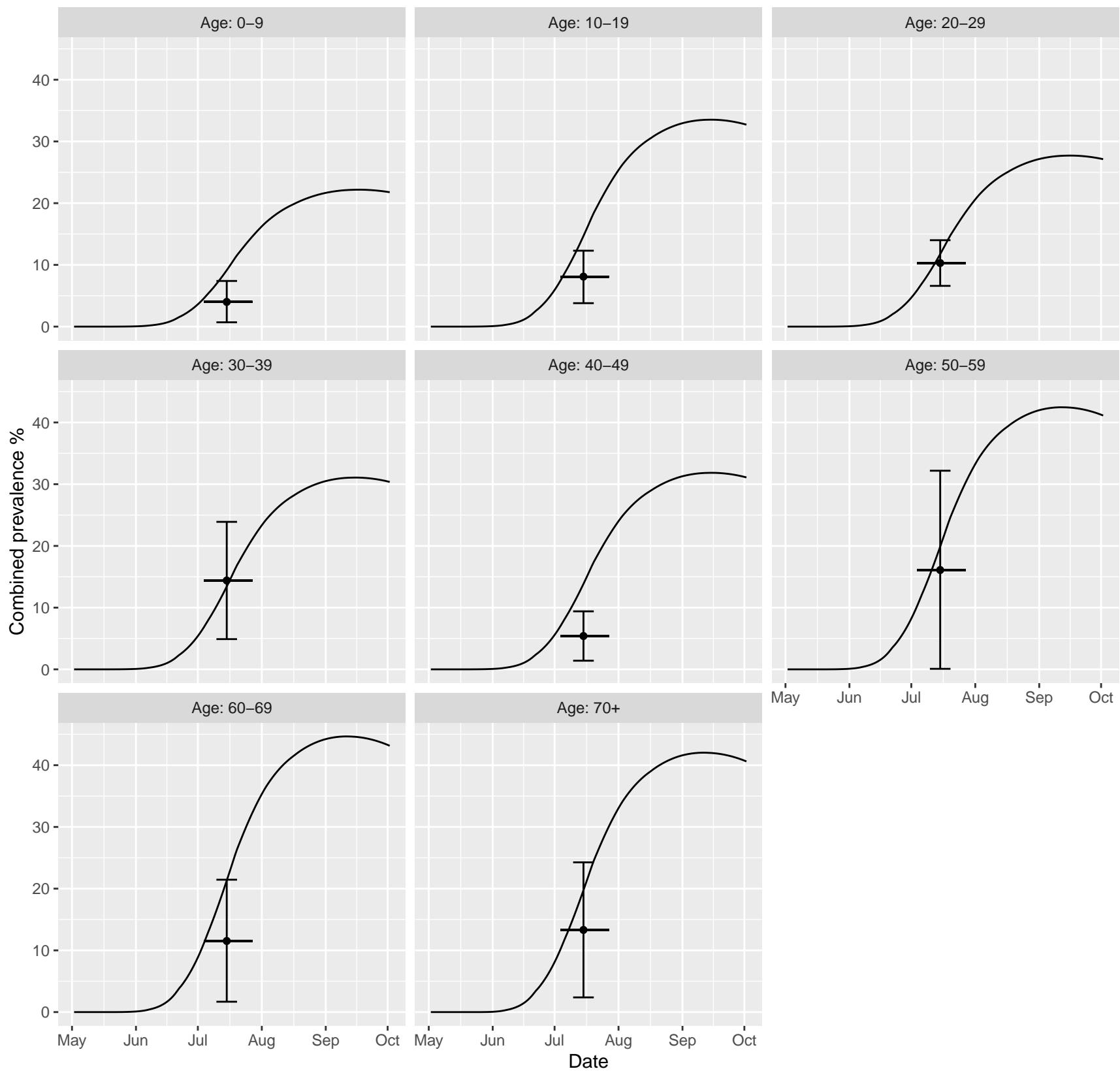
IFR x 1, Slope x 0.8

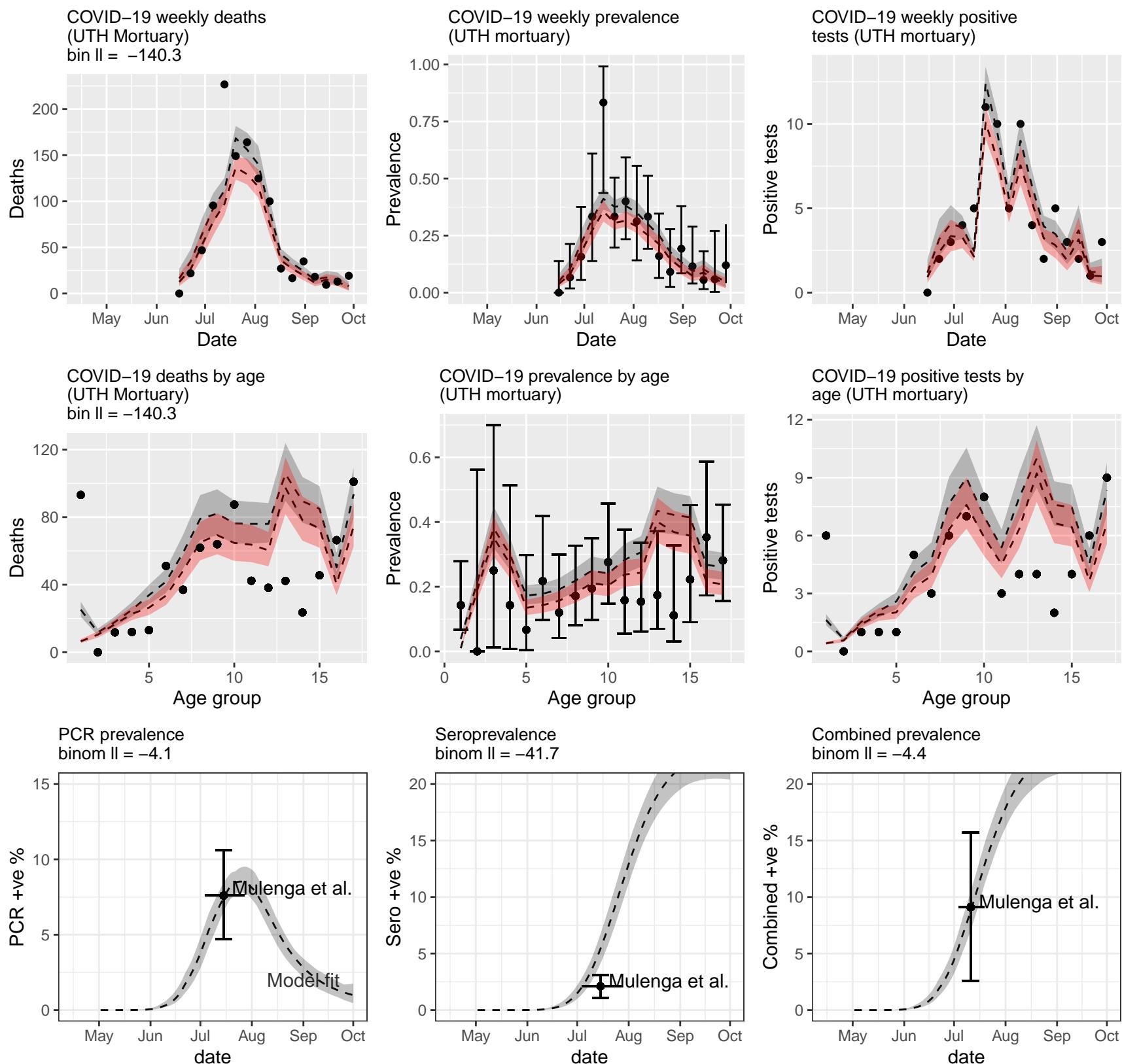
COVID-19 weekly deaths (Mortuary)

pois II = -746.6



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

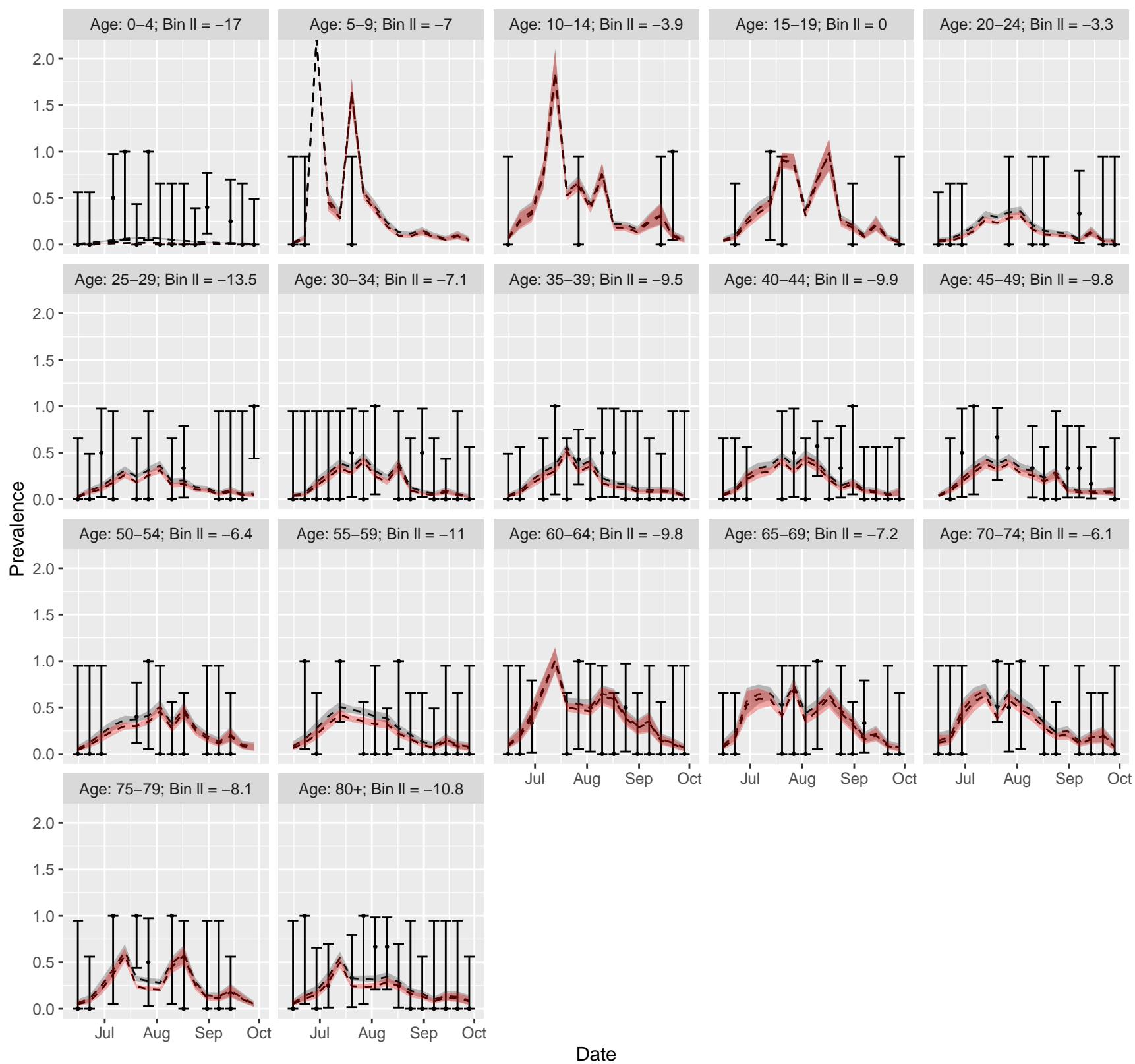




IFR x 1.25, Slope x 0.8

COVID-19 weekly prevalence (Mortuary)

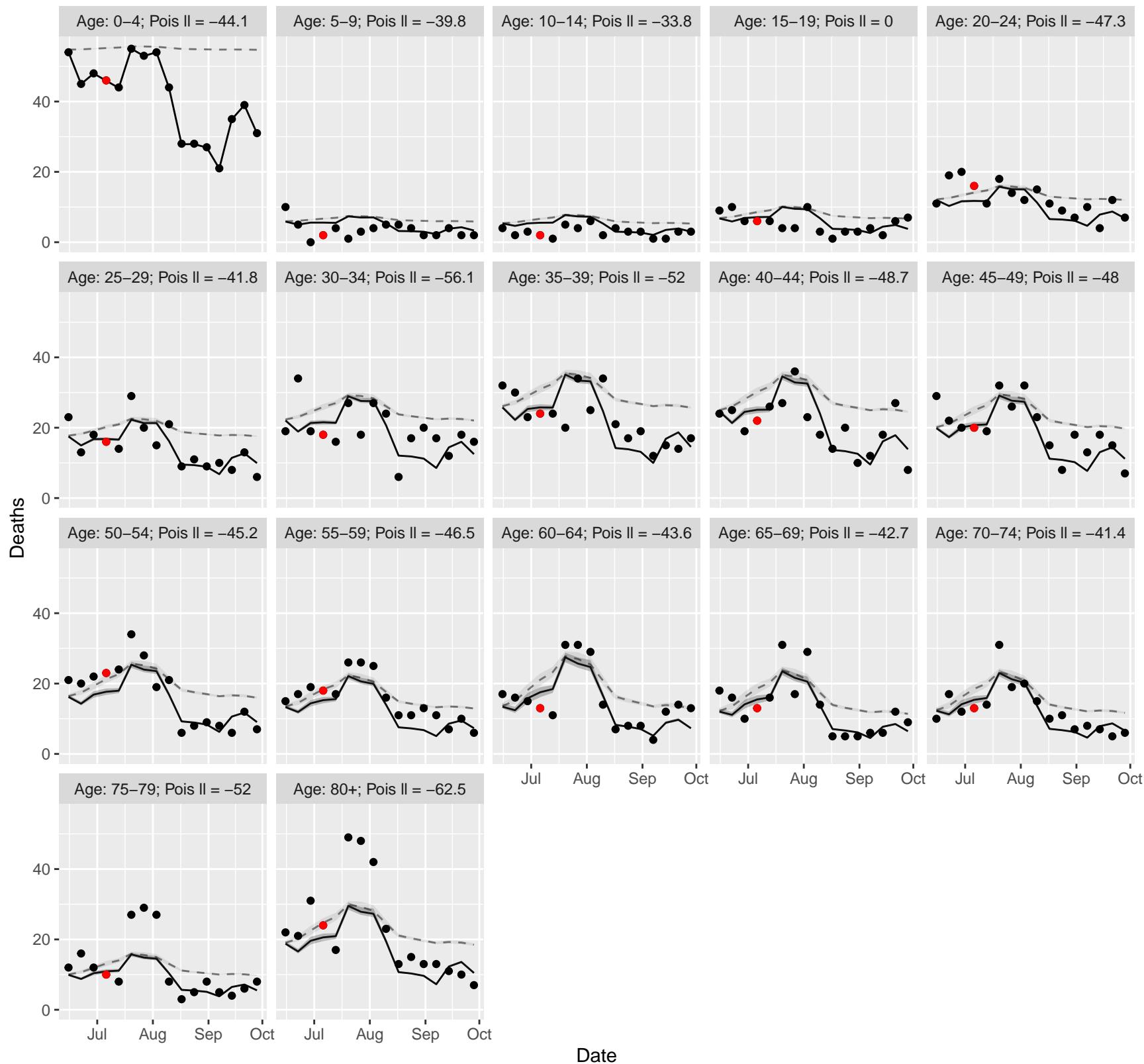
bin II = -140.3



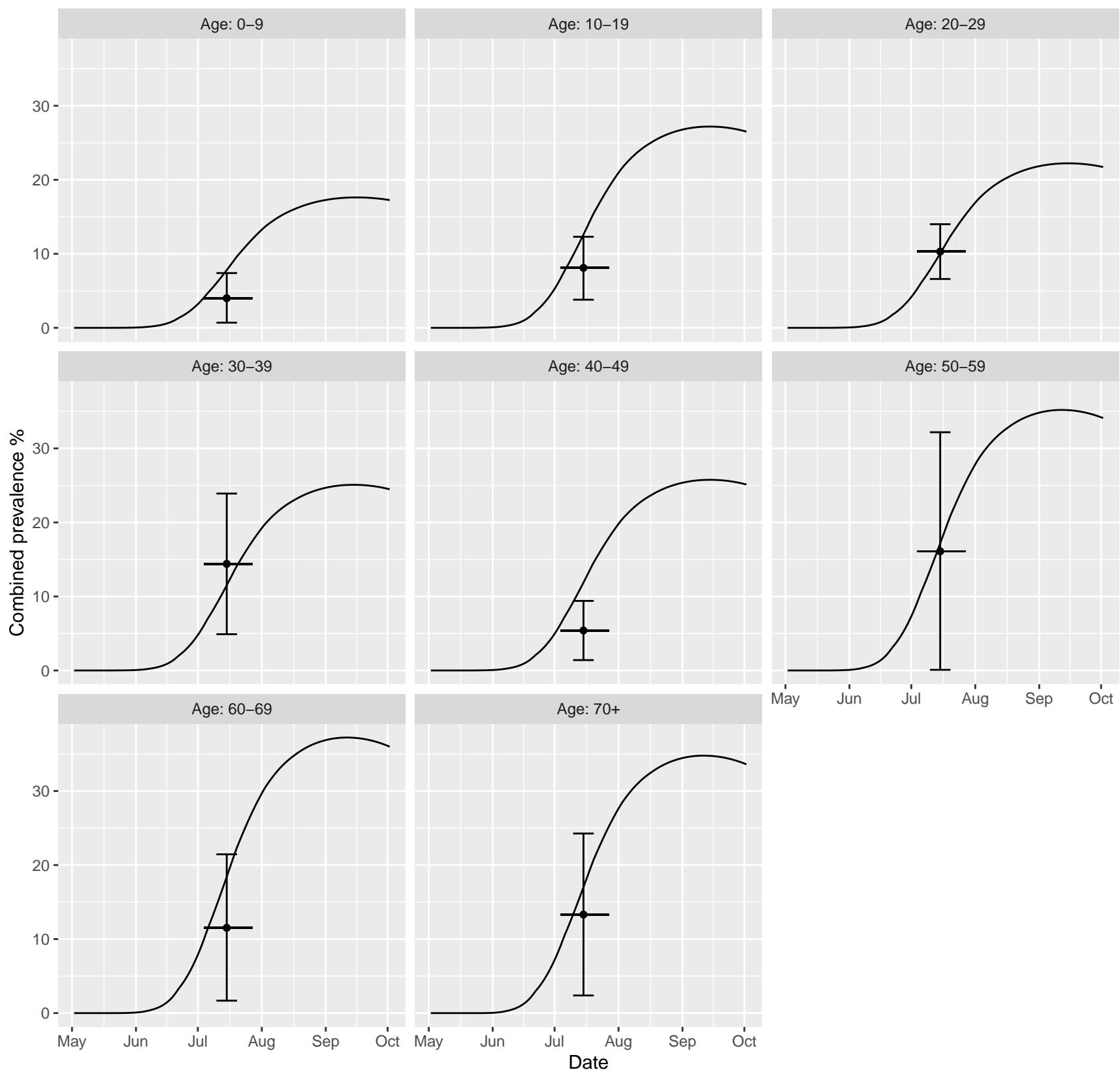
IFR x 1.25, Slope x 0.8

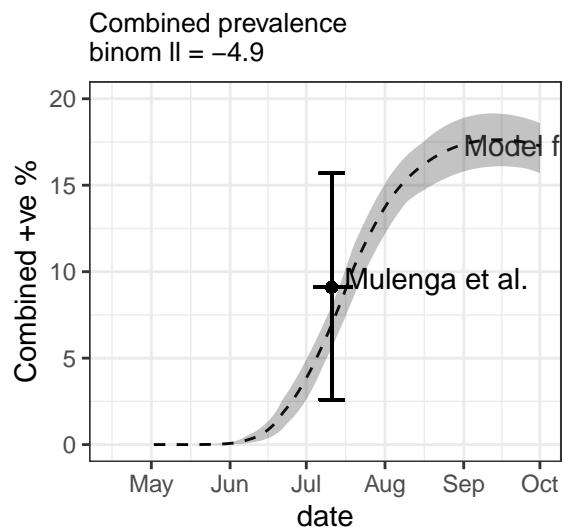
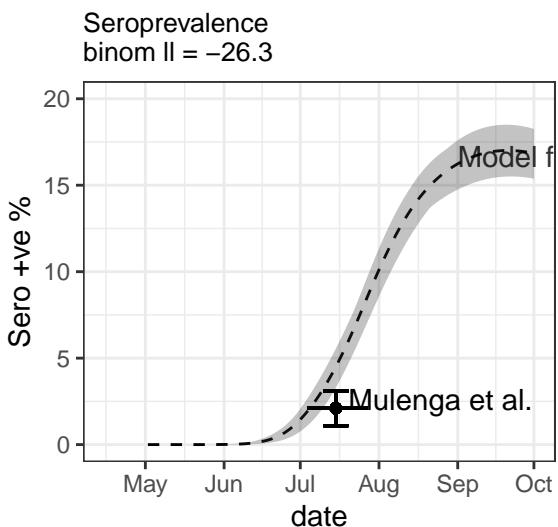
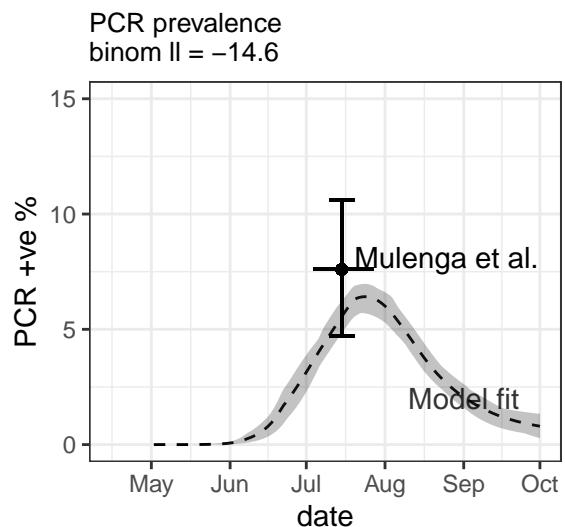
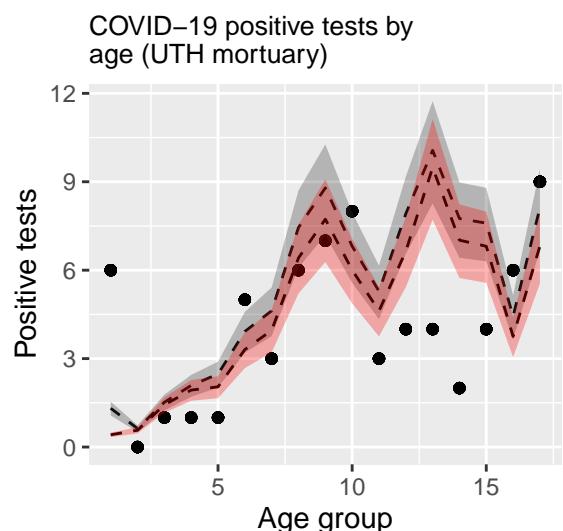
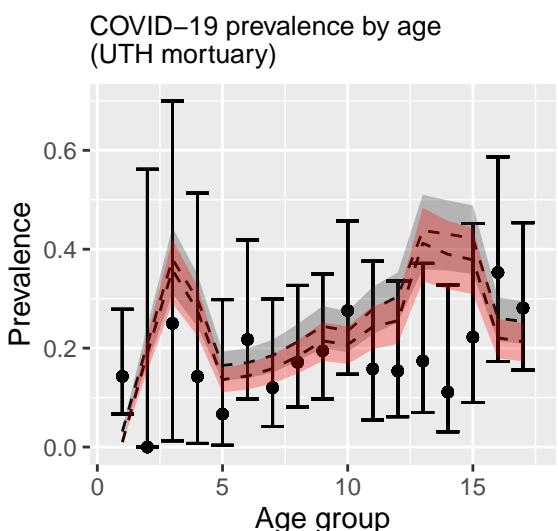
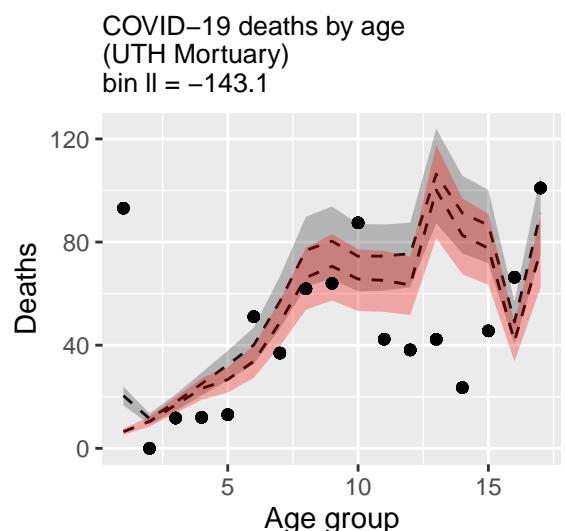
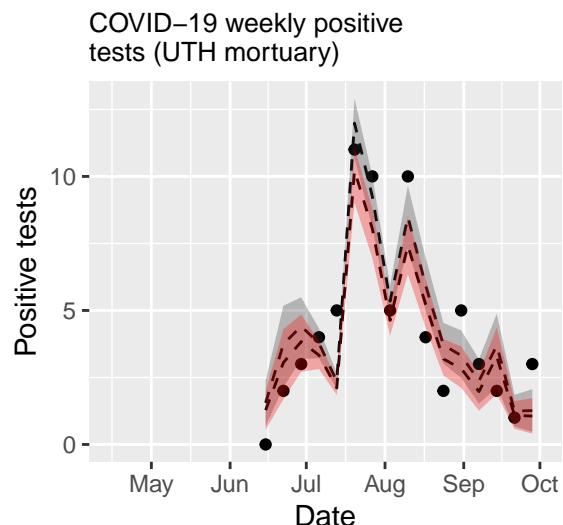
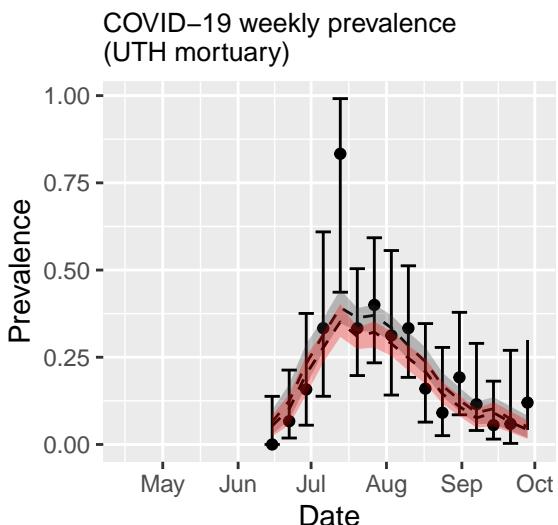
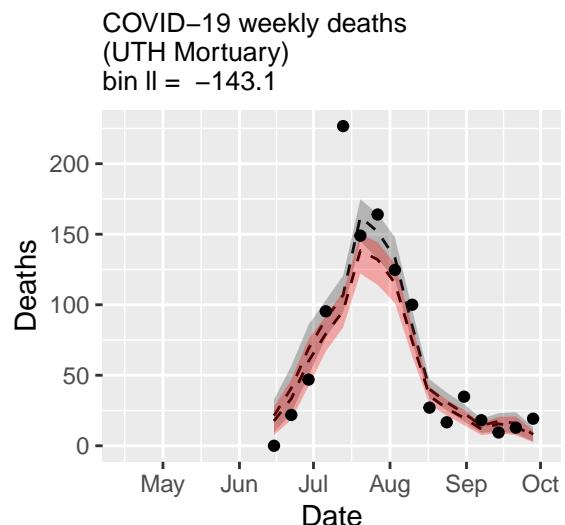
COVID-19 weekly deaths (Mortuary)

pois II = -745.6

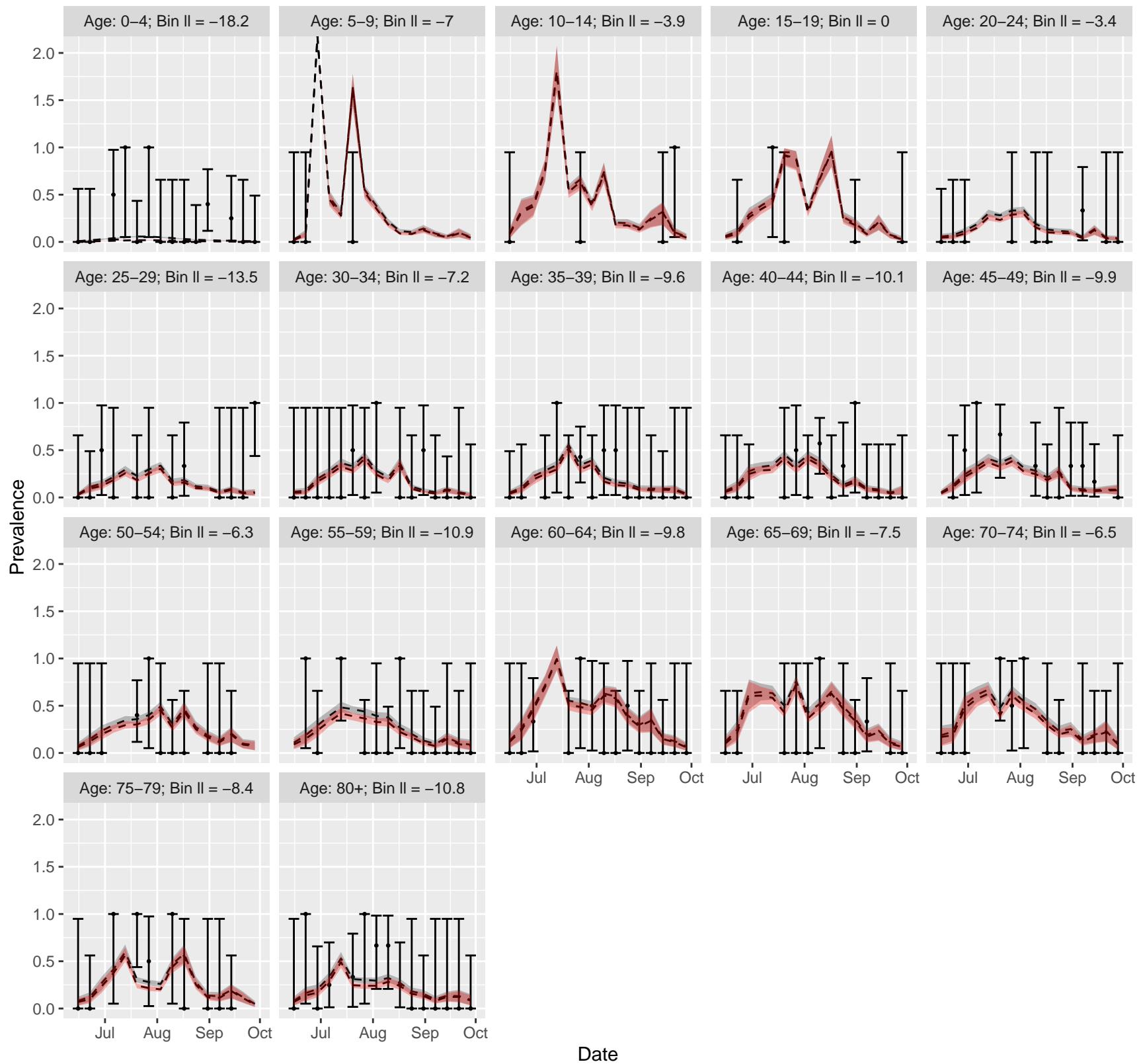


IFR x 1.25, Slope x 0.8  
Modelled COVID-19 Combined prevalence Lusaka

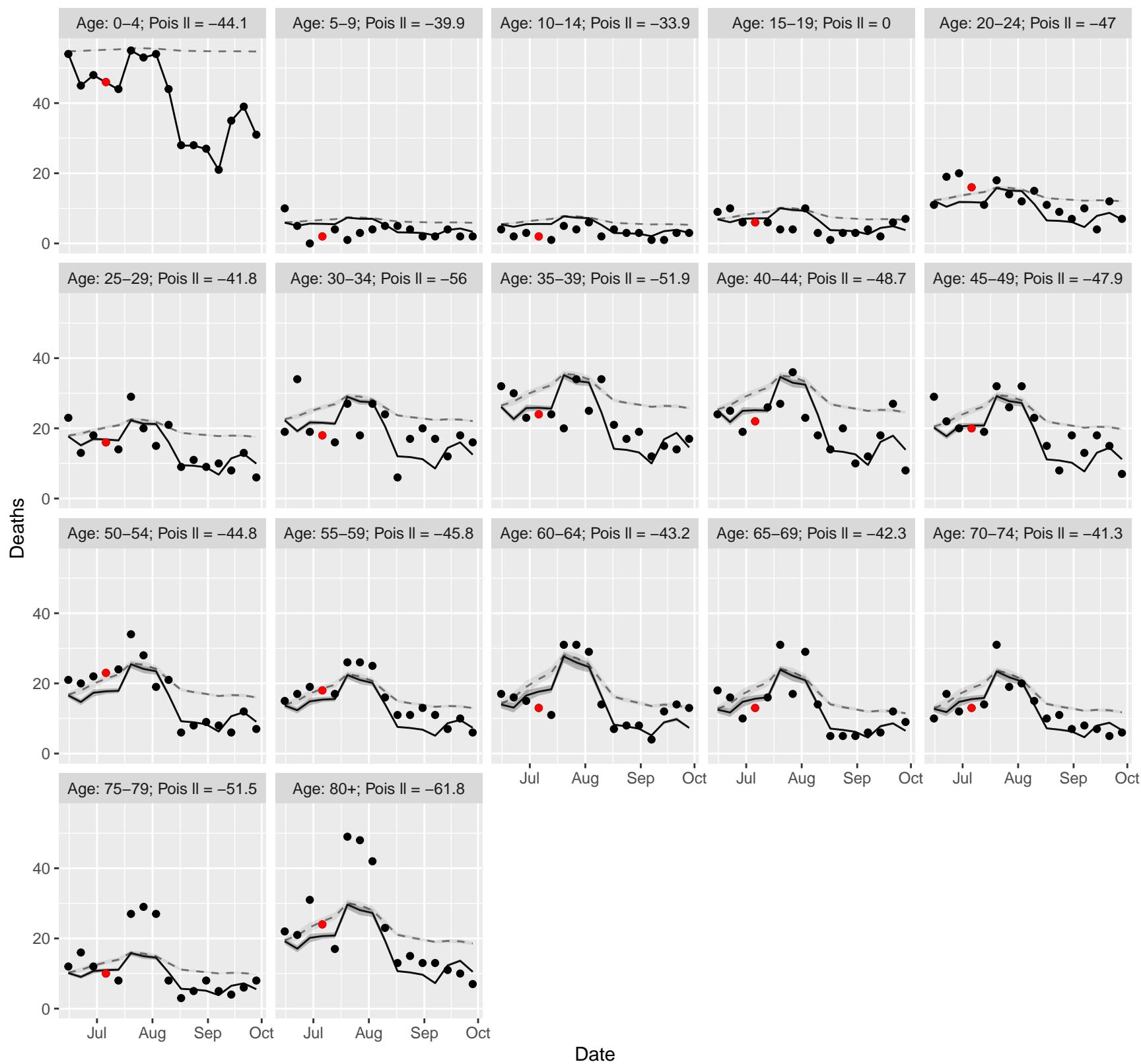




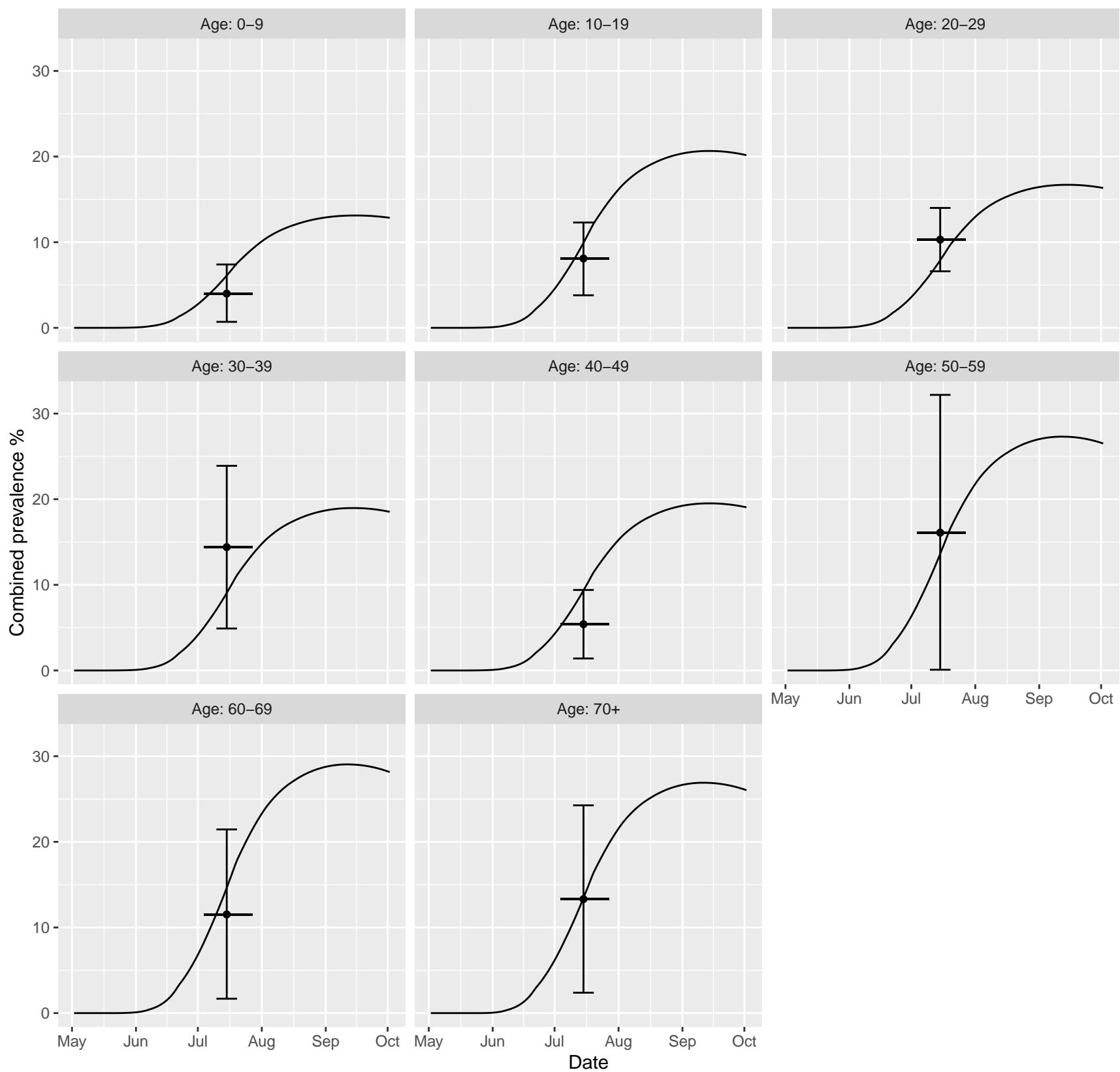
IFR x 1.666666666666667, Slope x 0.8  
COVID-19 weekly prevalence (Mortuary)  
bin II = -143.1

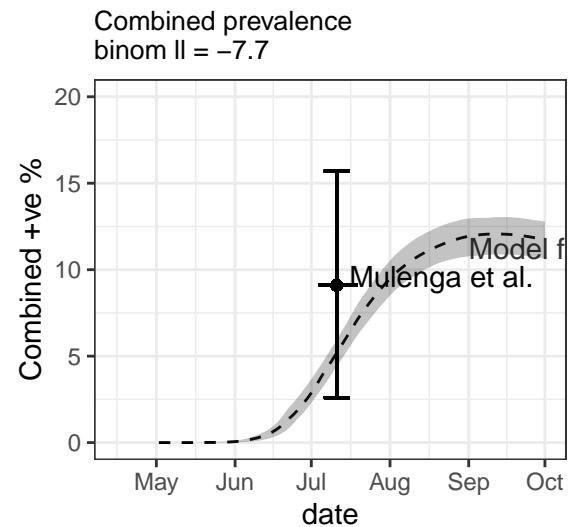
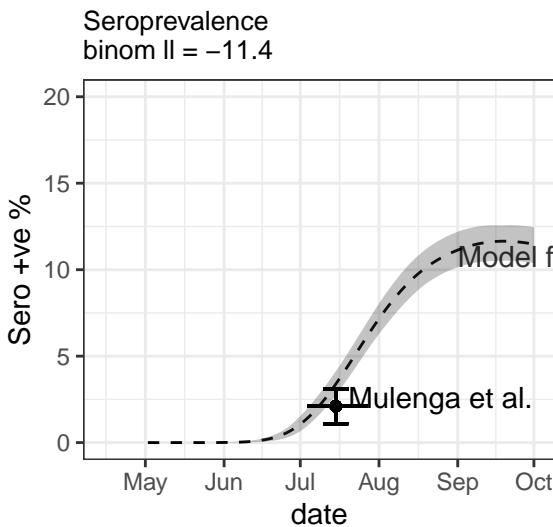
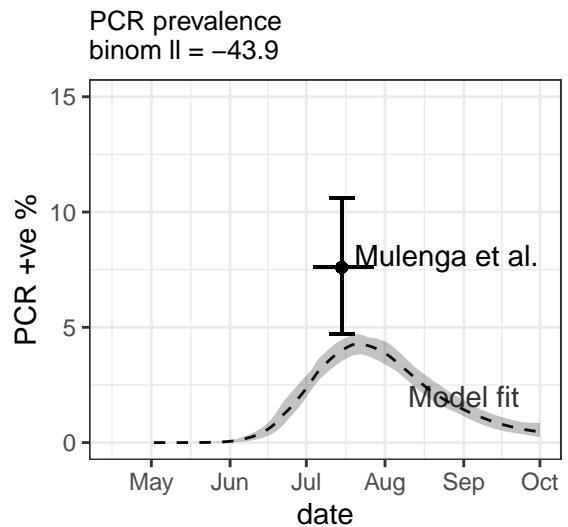
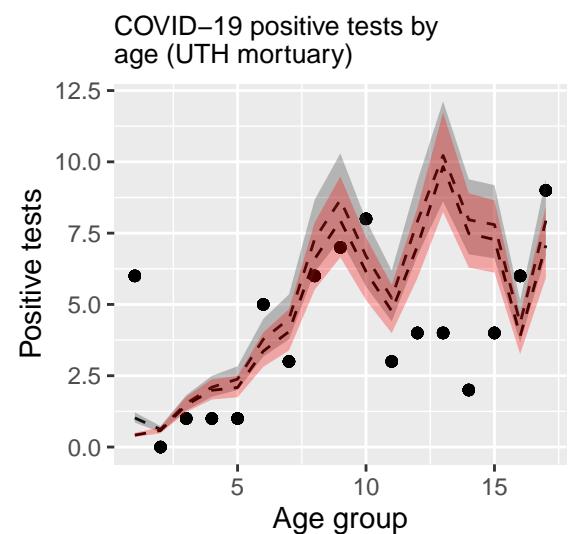
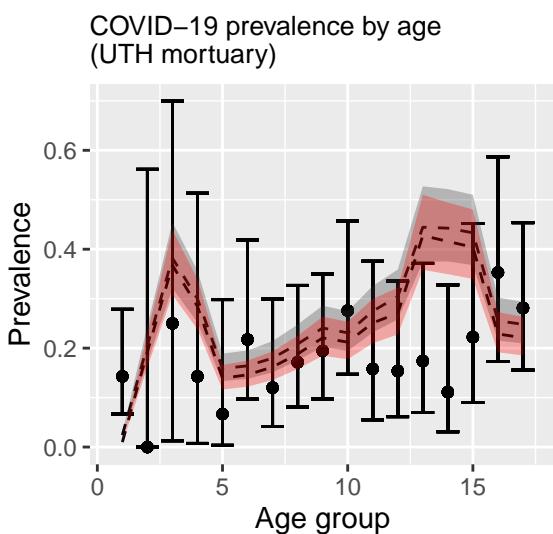
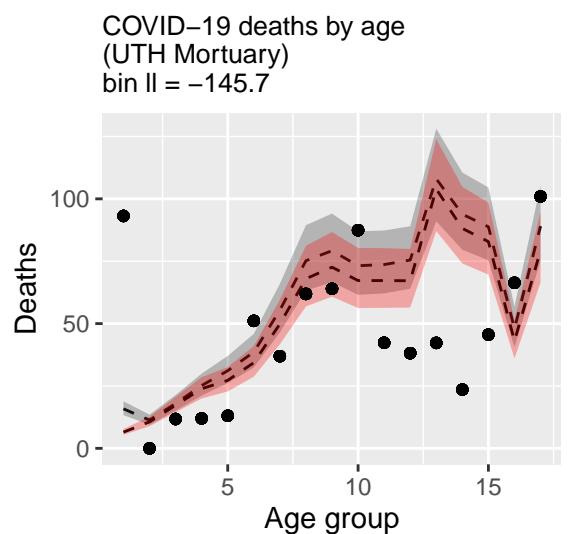
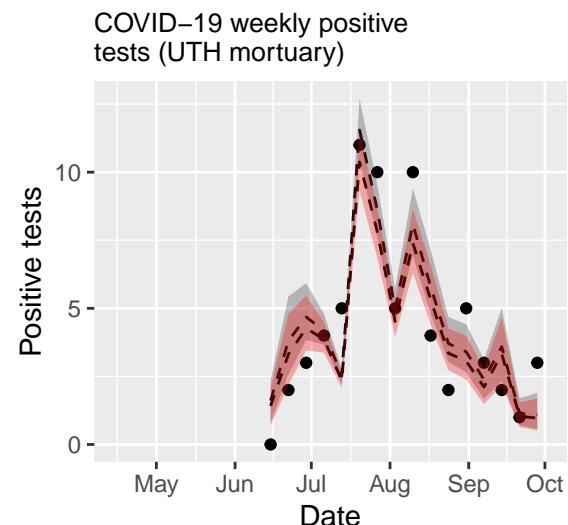
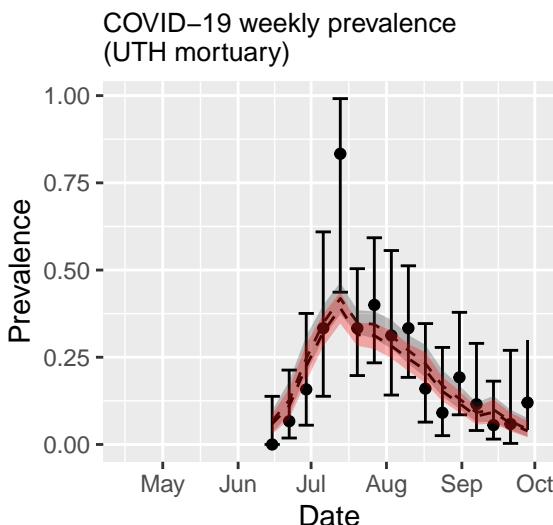
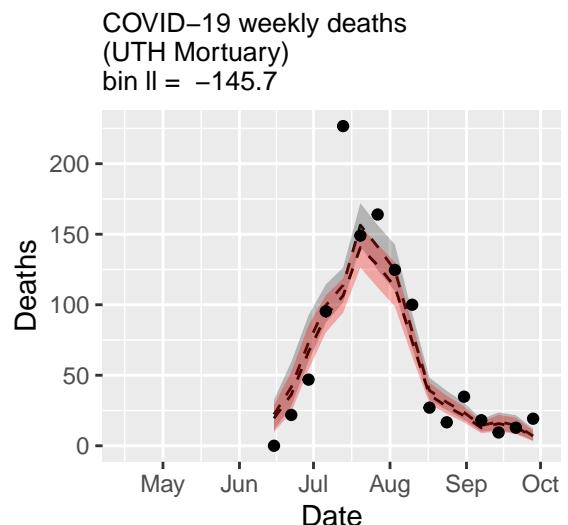


IFR x 1.6666666666666667, Slope x 0.8  
COVID-19 weekly deaths (Mortuary)  
pois II = -741.8



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

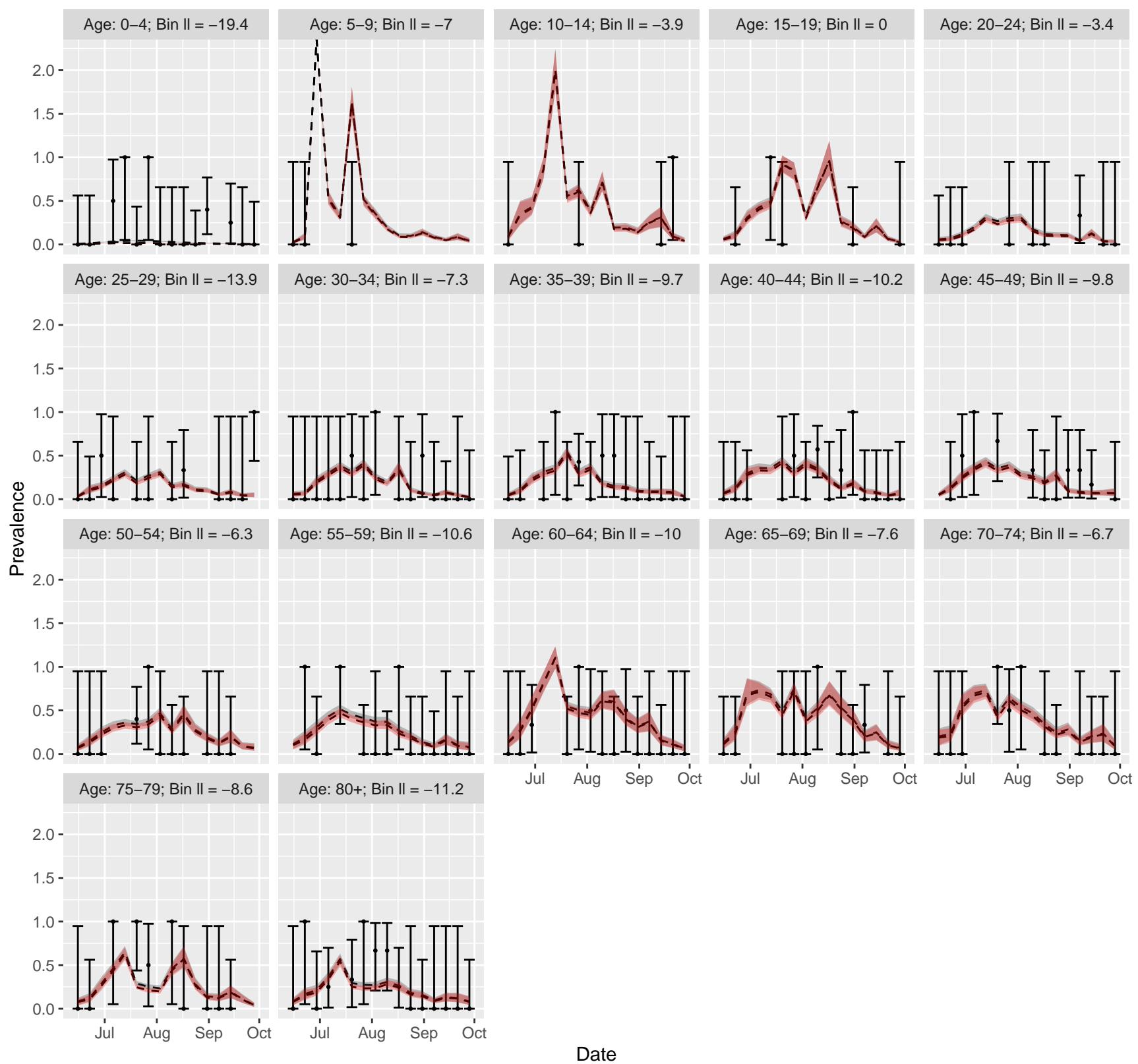




IFR x 2.5, Slope x 0.8

COVID-19 weekly prevalence (Mortuary)

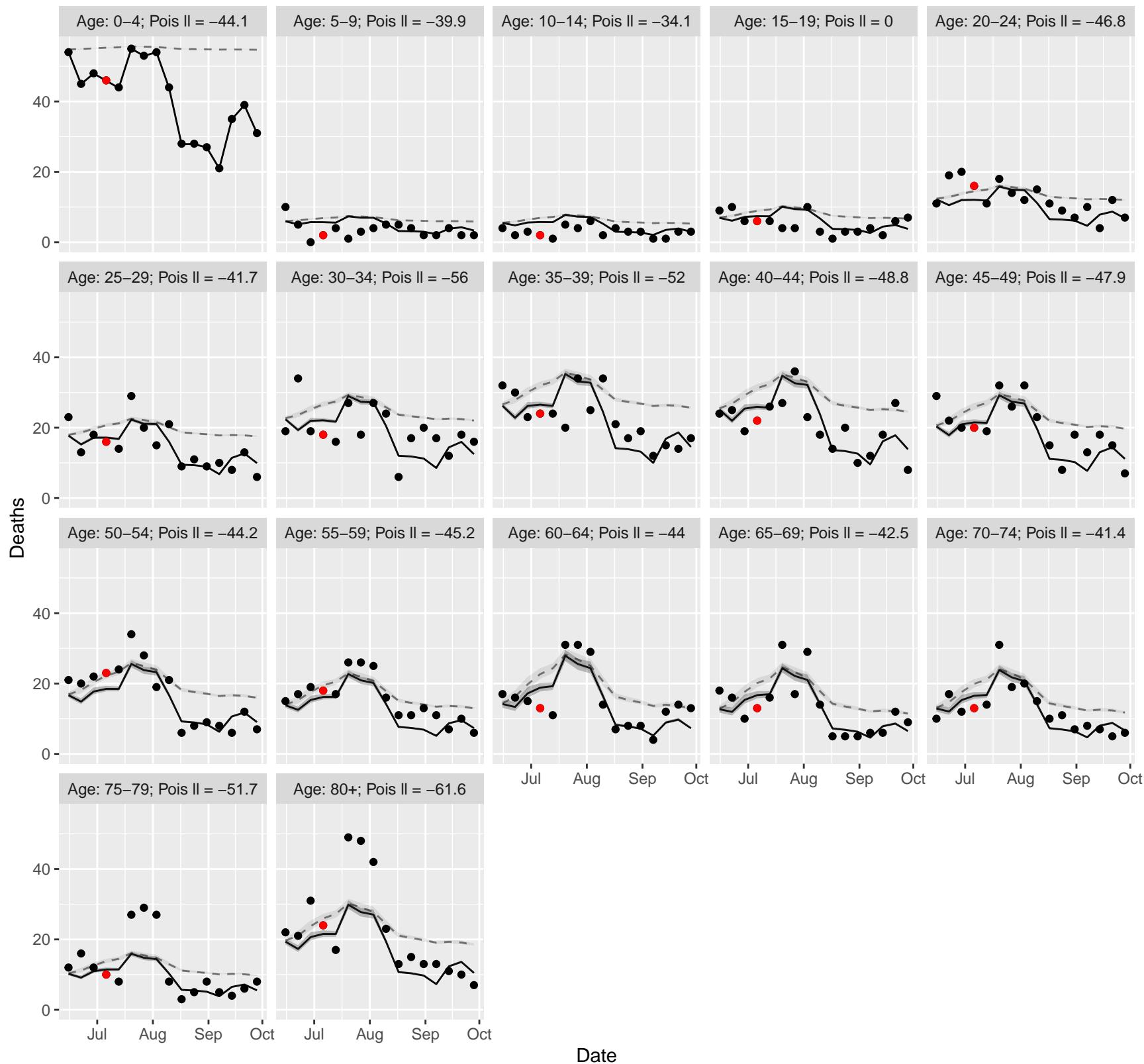
bin II = -145.7



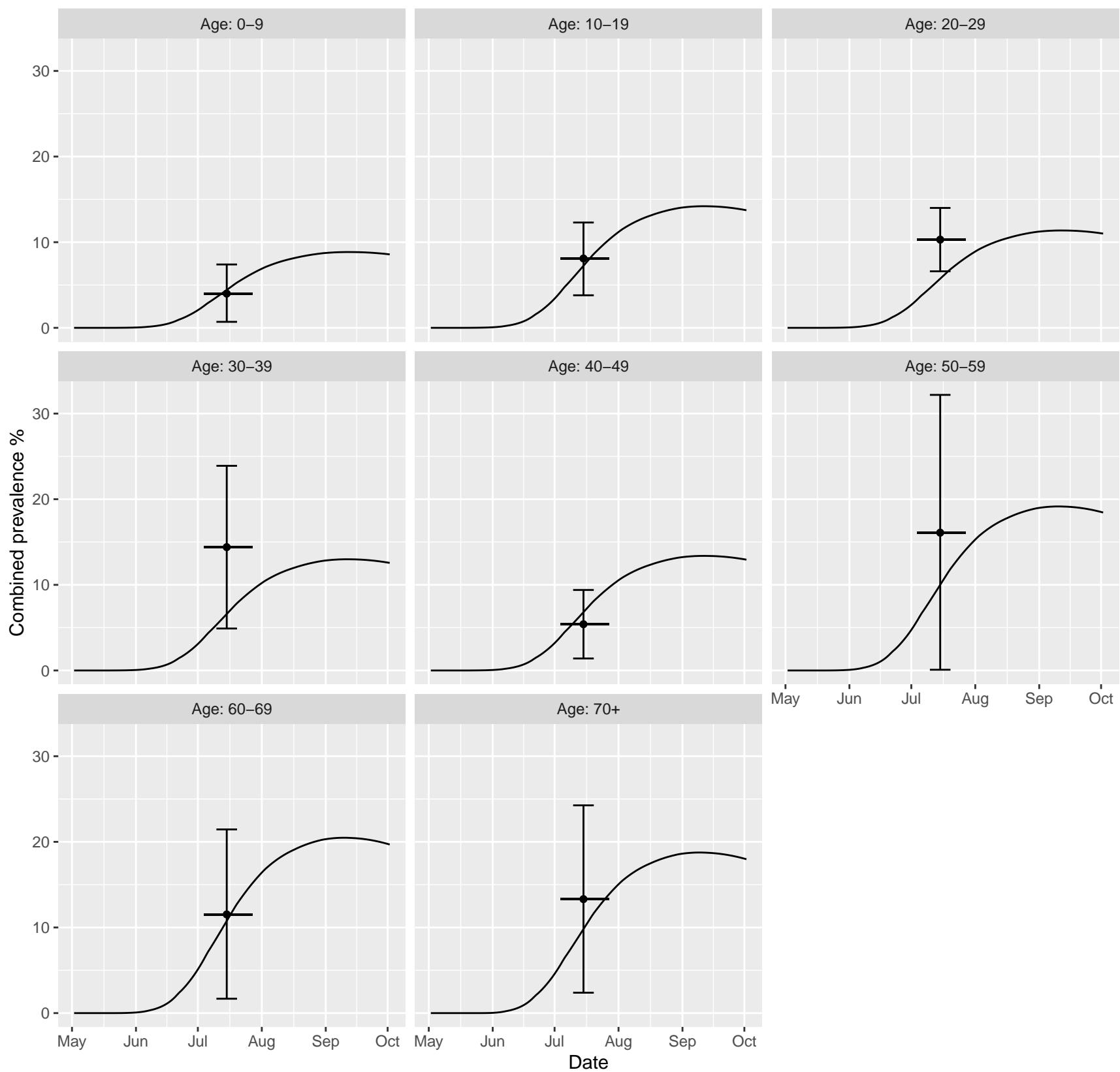
IFR x 2.5, Slope x 0.8

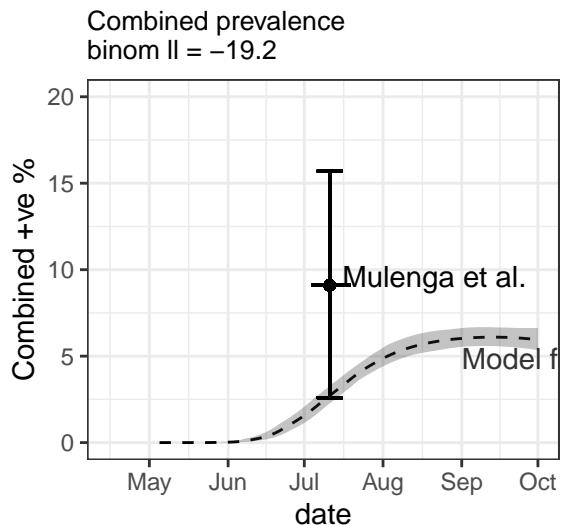
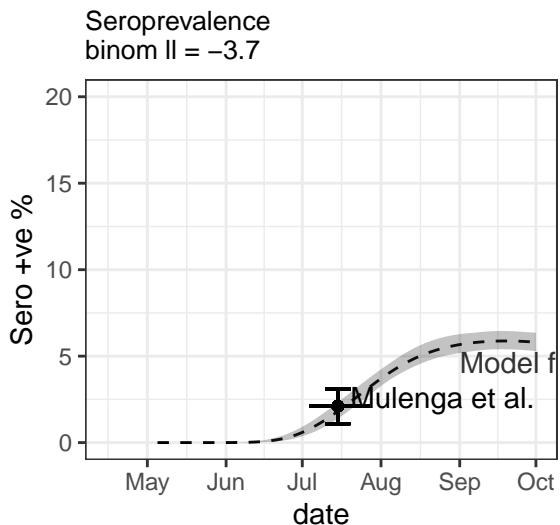
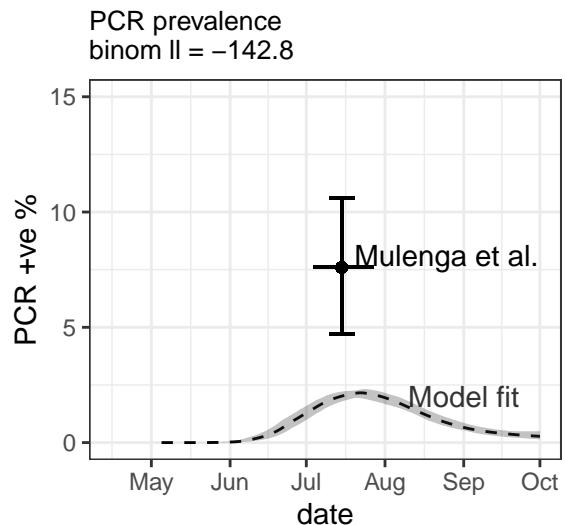
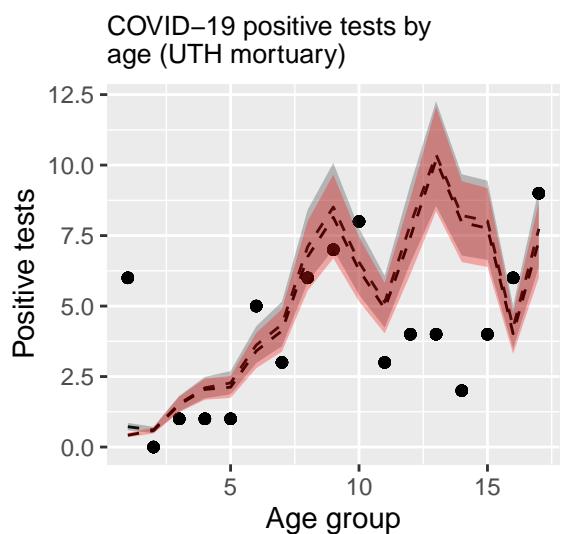
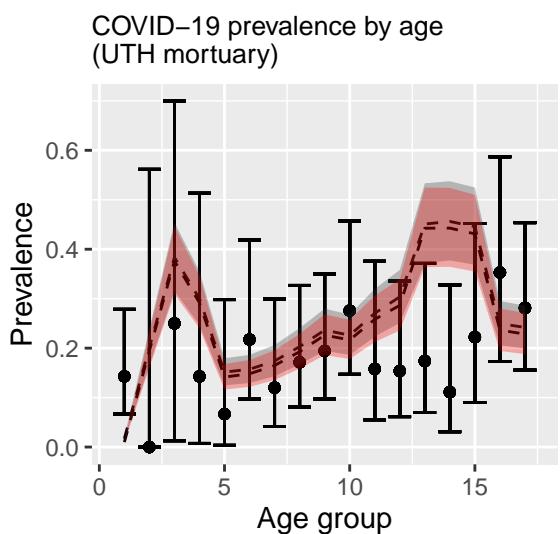
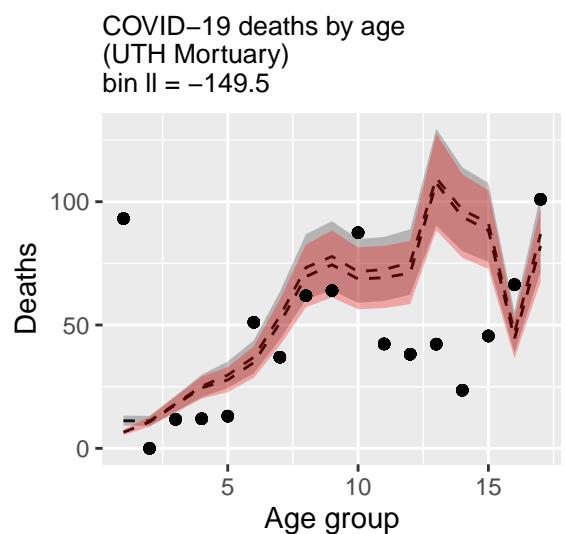
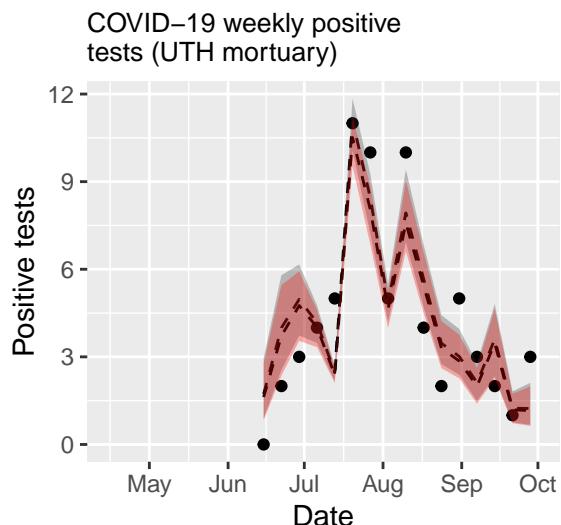
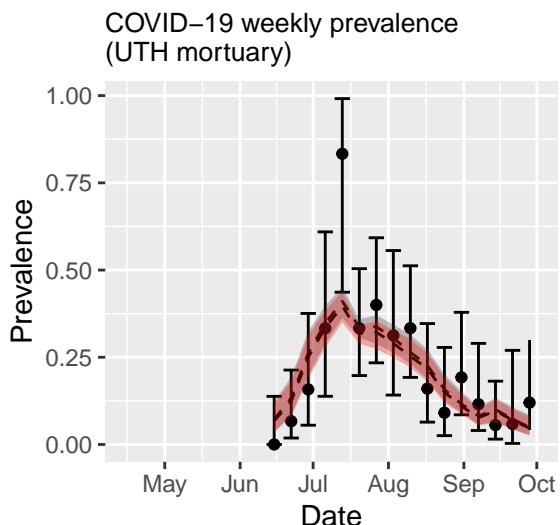
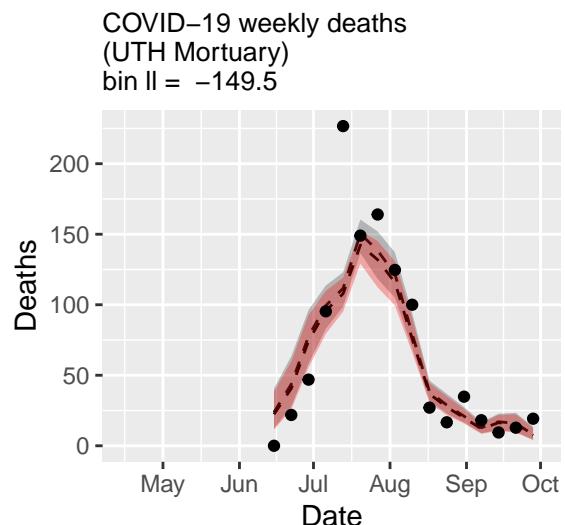
COVID-19 weekly deaths (Mortuary)

pois II = -742



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





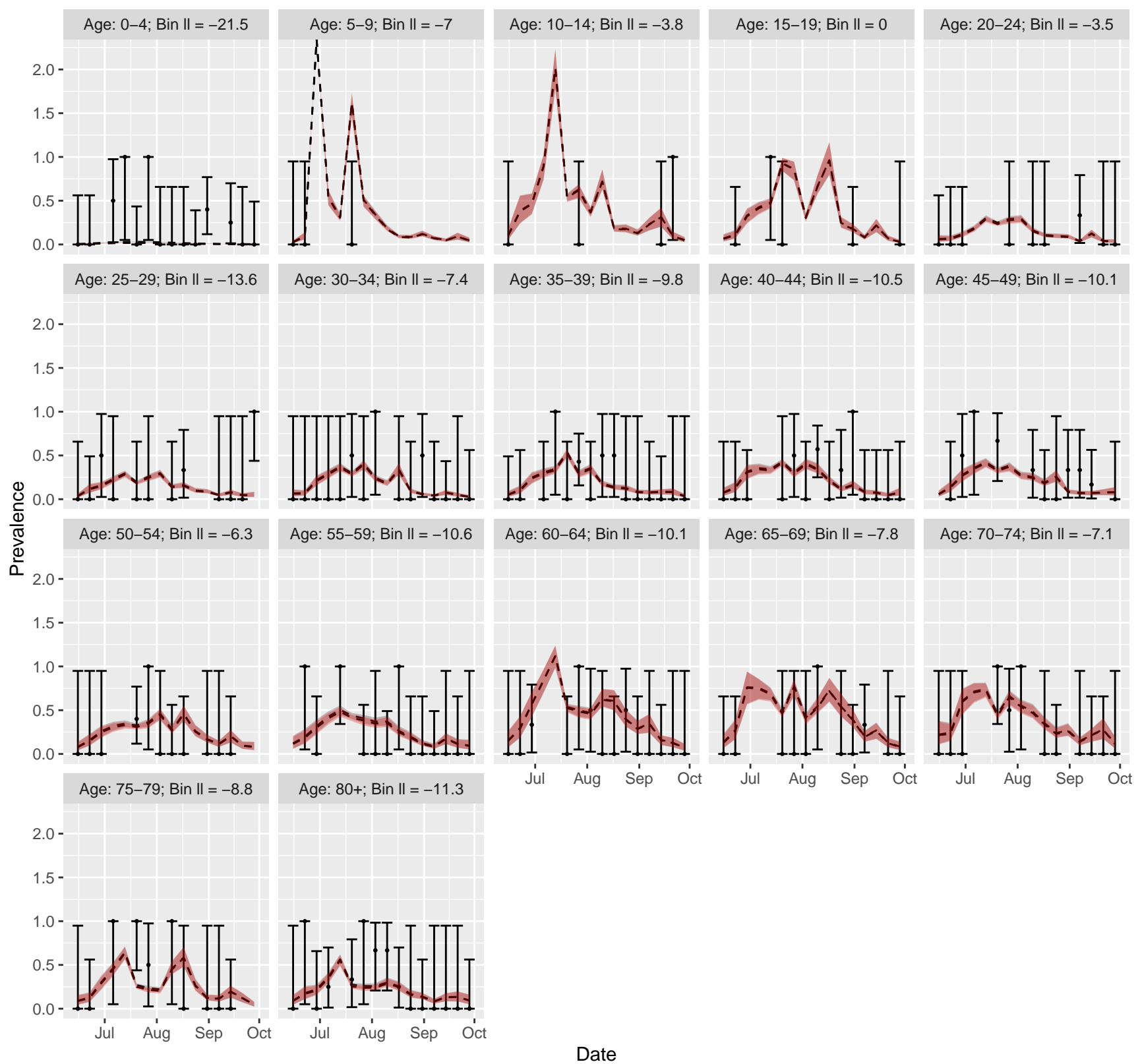
Mulenga et al.

Model f

IFR x 5, Slope x 0.8

COVID-19 weekly prevalence (Mortuary)

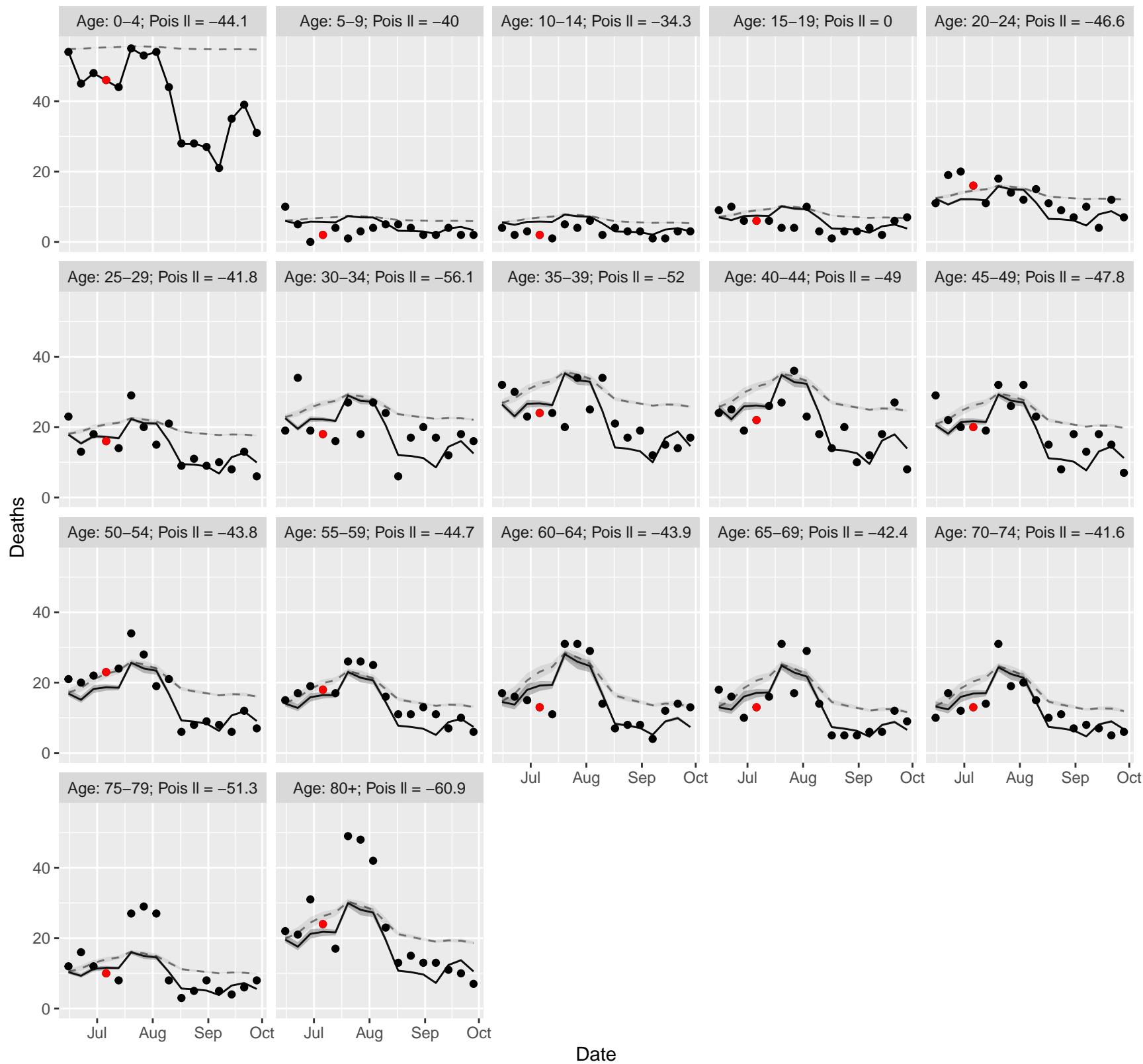
bin II = -149.5



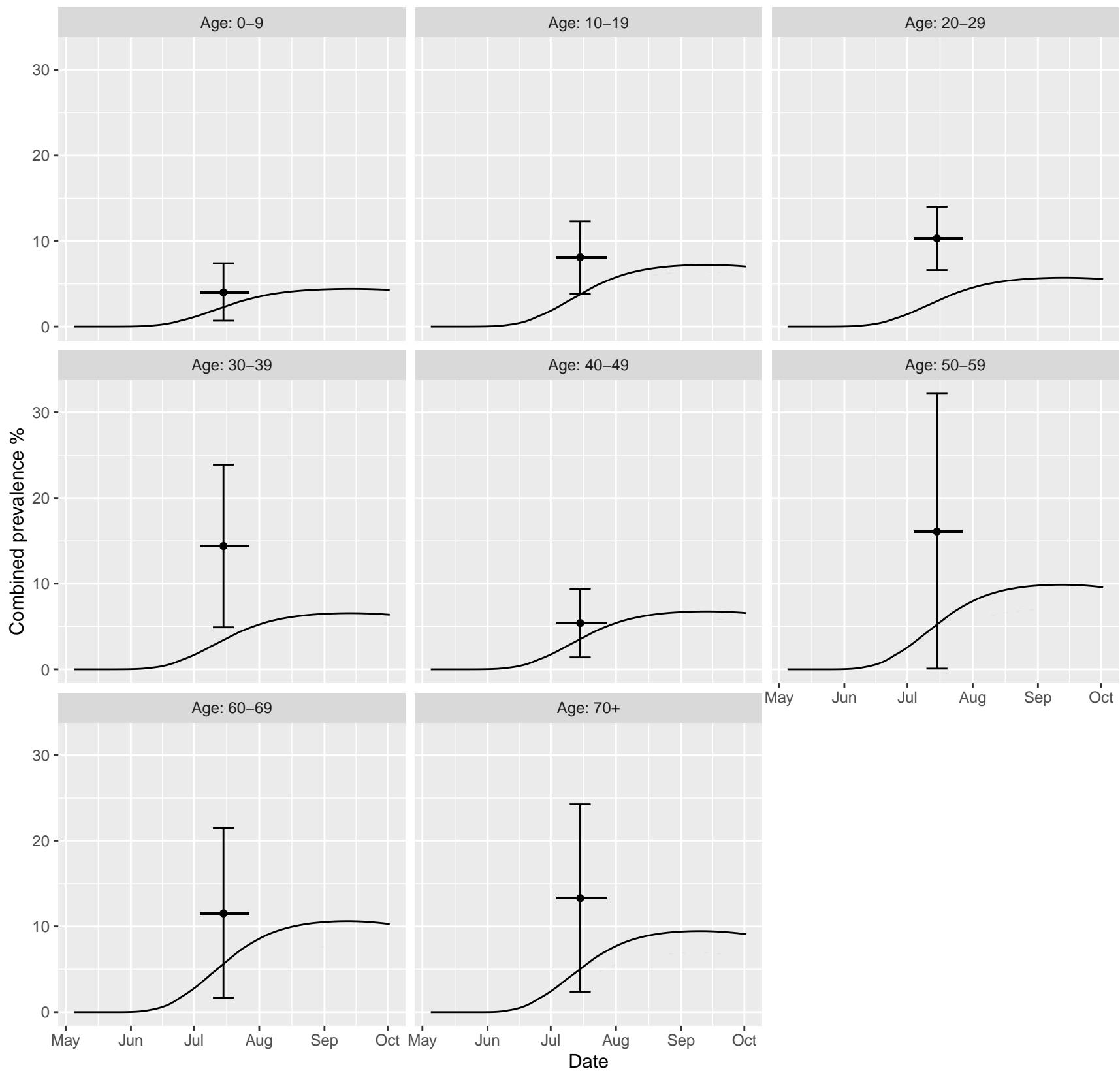
IFR x 5, Slope x 0.8

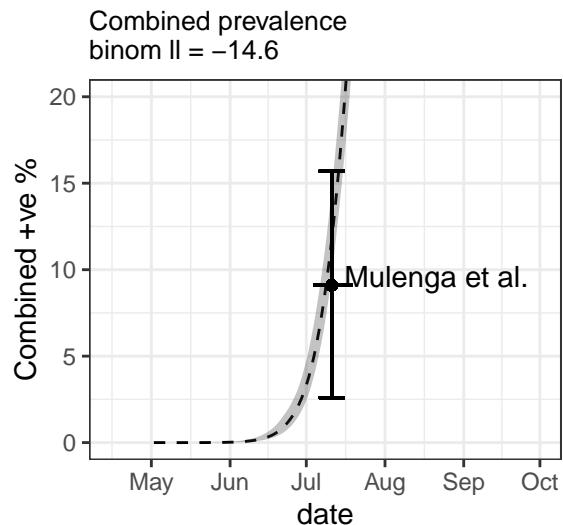
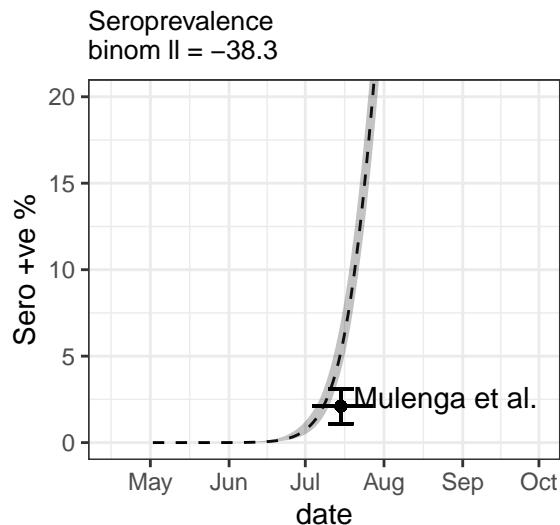
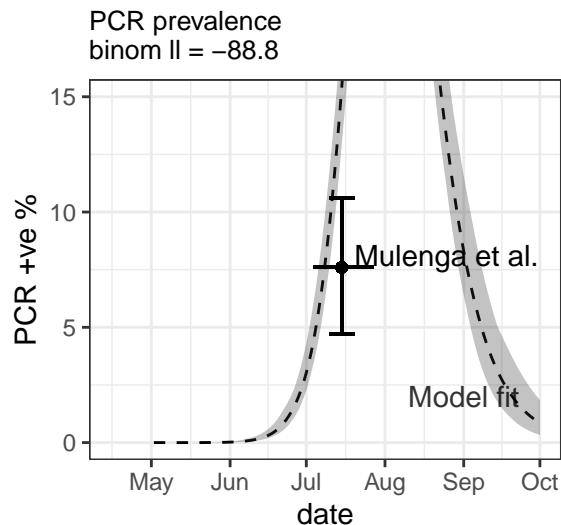
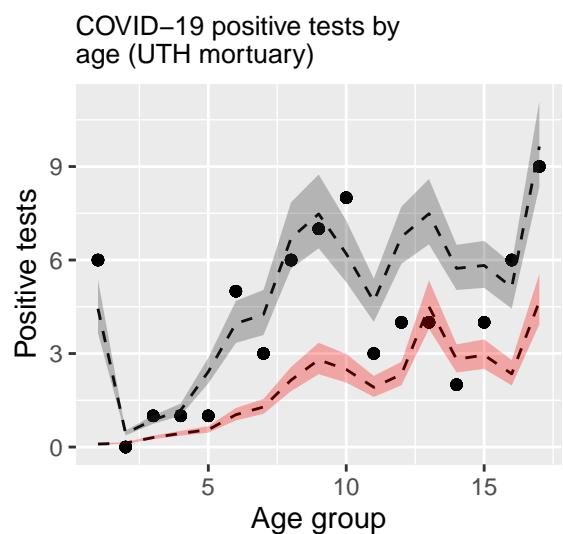
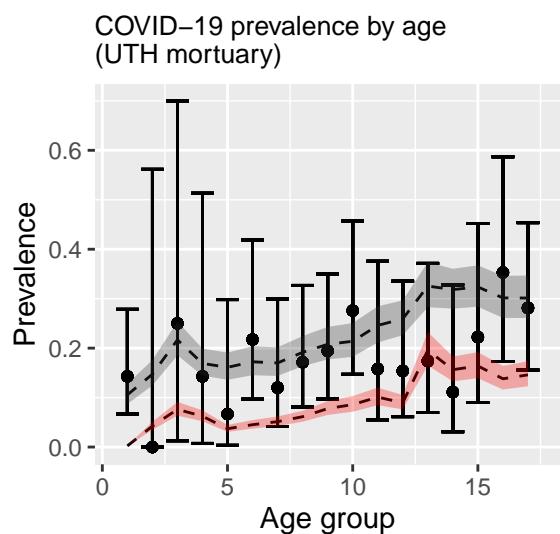
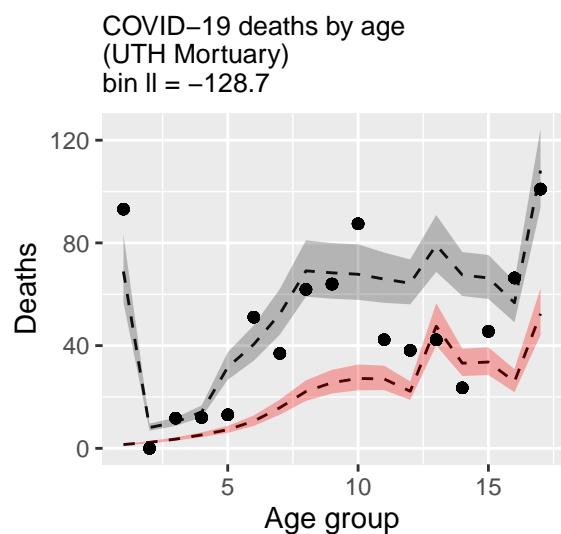
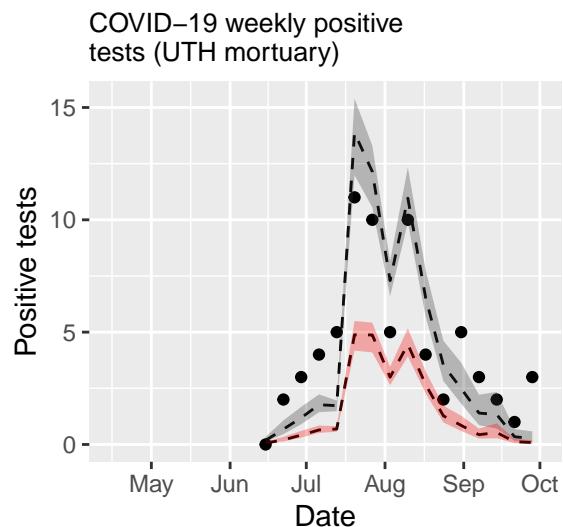
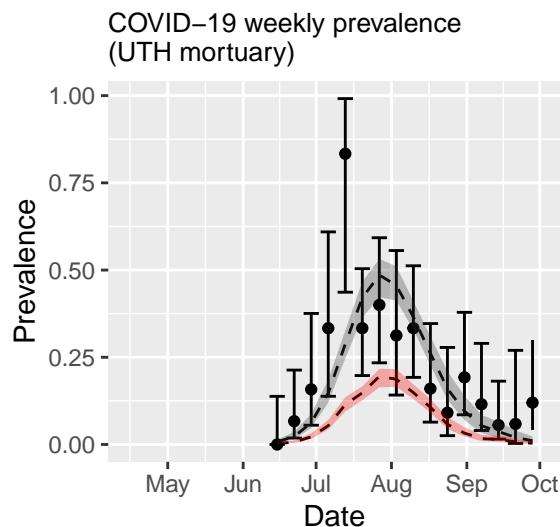
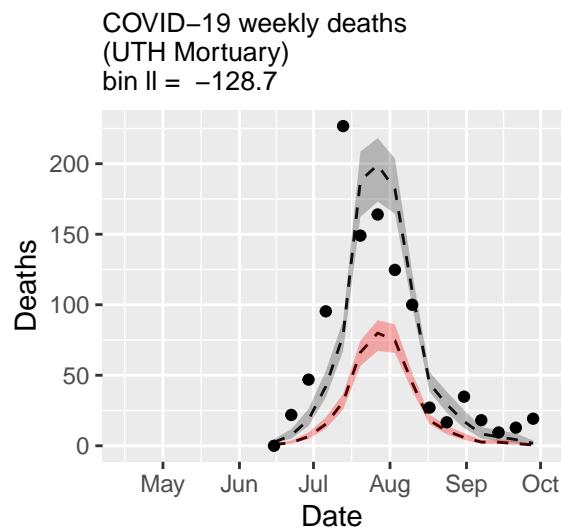
COVID-19 weekly deaths (Mortuary)

pois II = -740.3

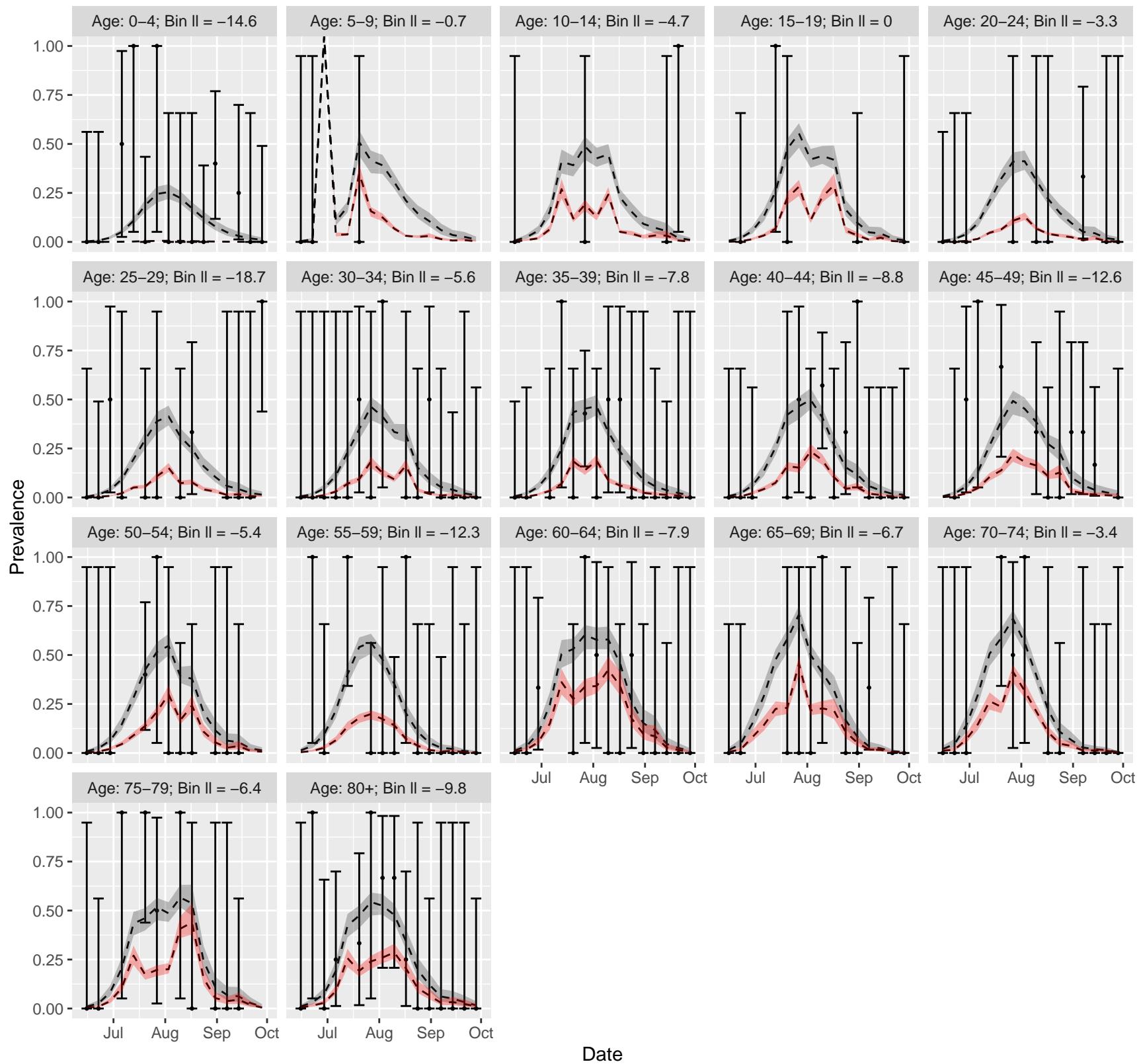


IFR x 5, Slope x 0.8  
Modelled COVID-19 Combined prevalence Lusaka





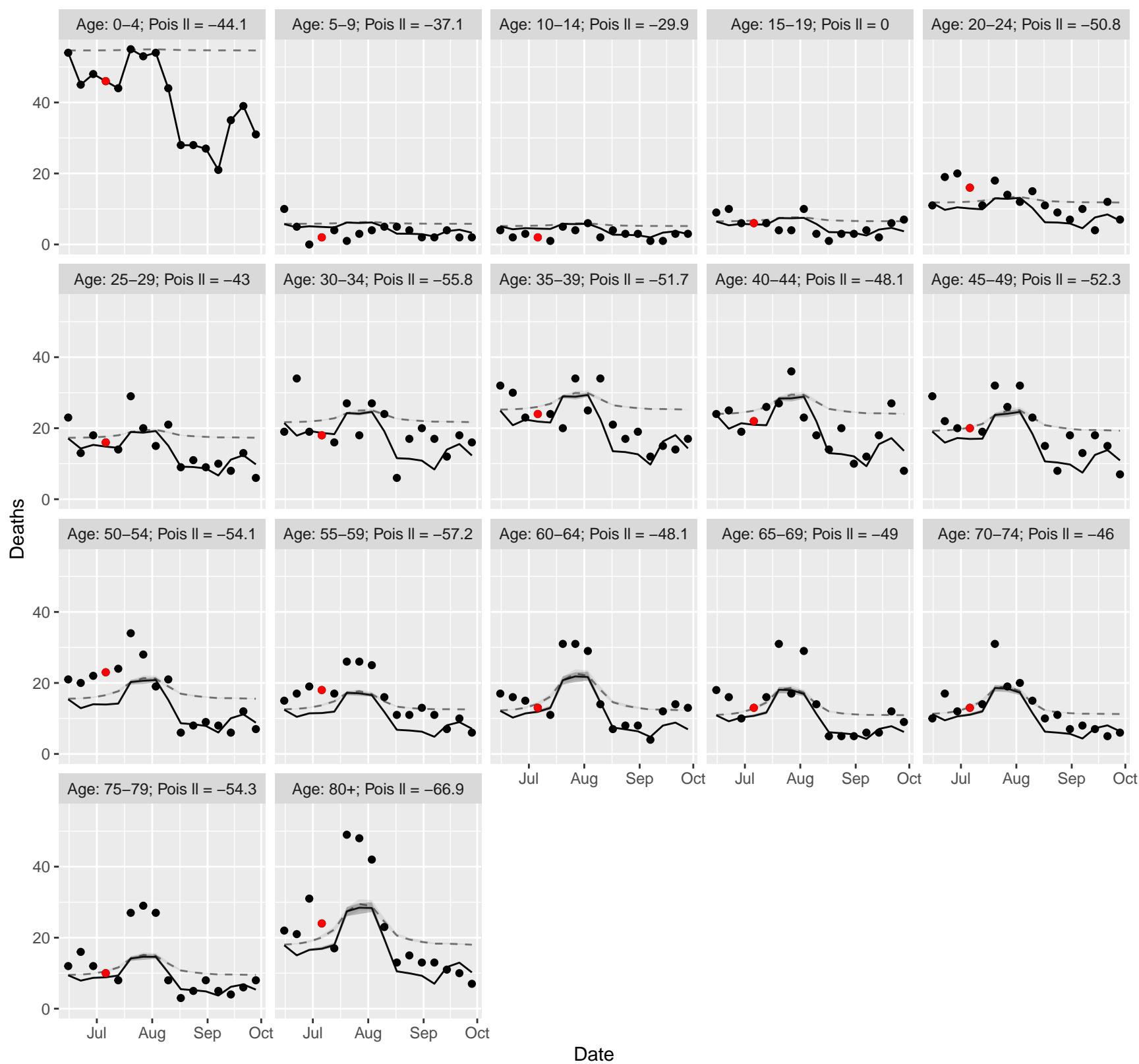
IFR x 0.2, Slope x 1  
COVID-19 weekly prevalence (Mortuary)  
bin II = -128.7



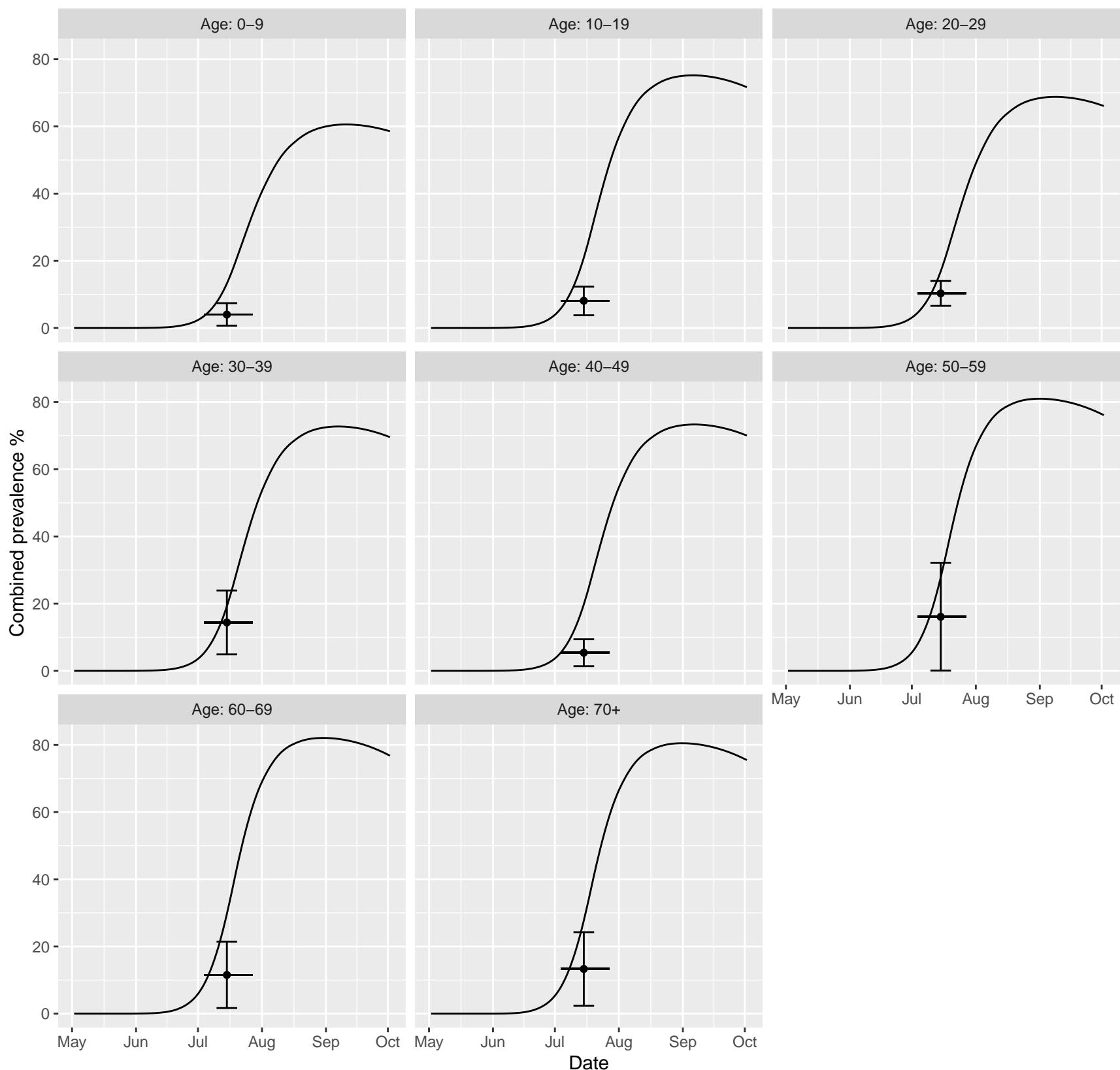
IFR x 0.2, Slope x 1

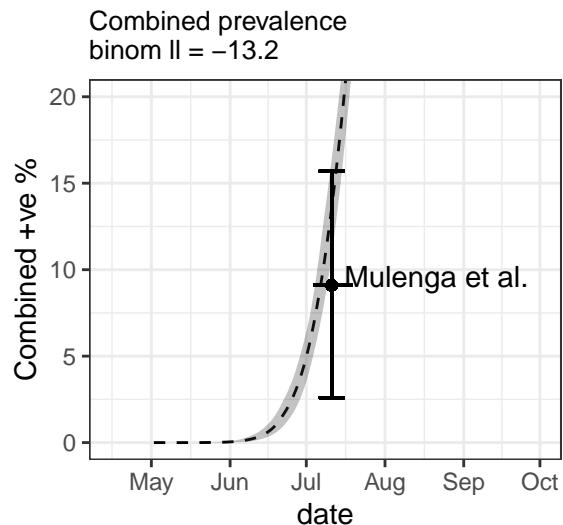
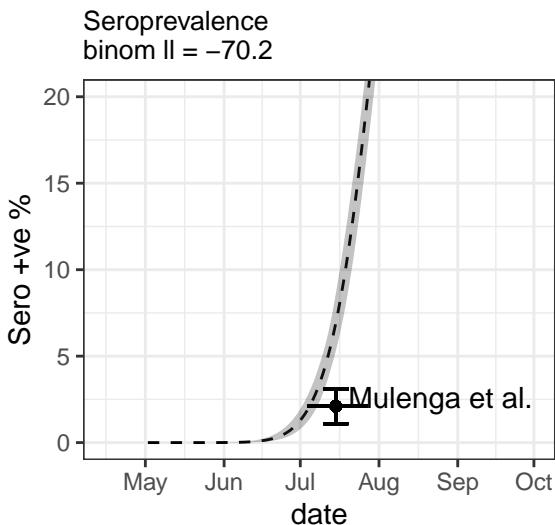
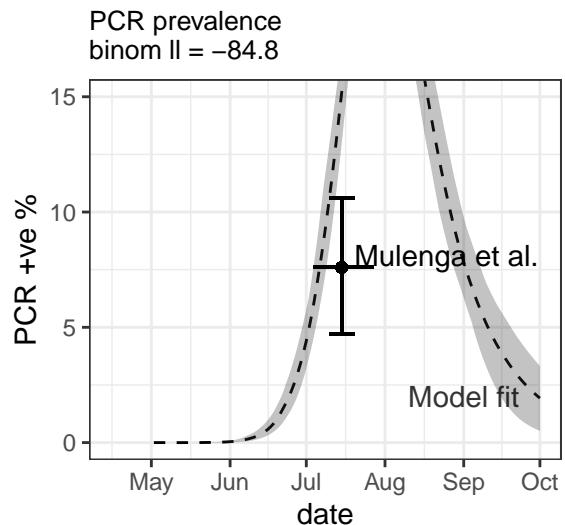
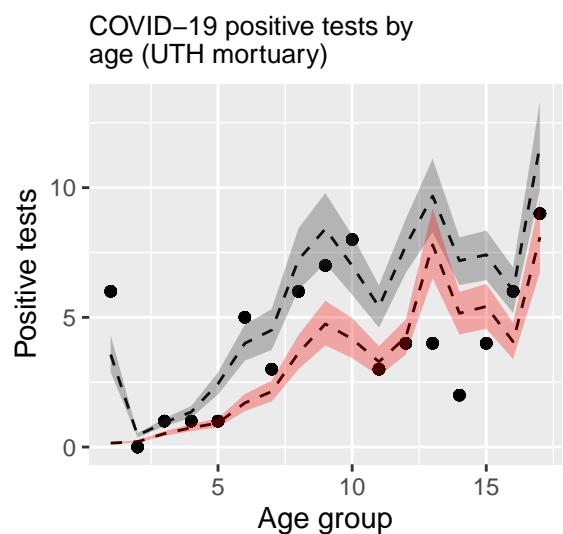
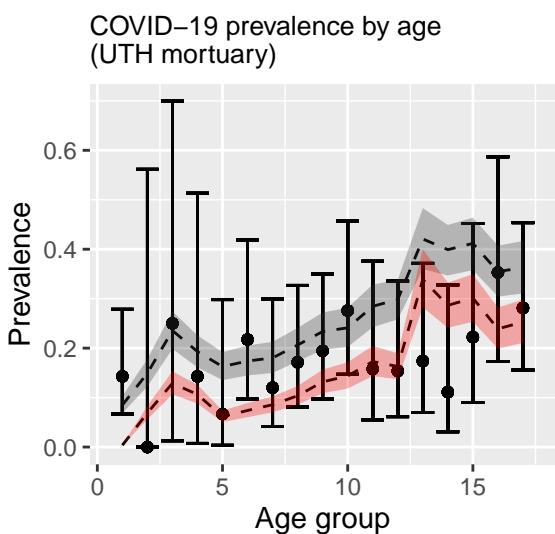
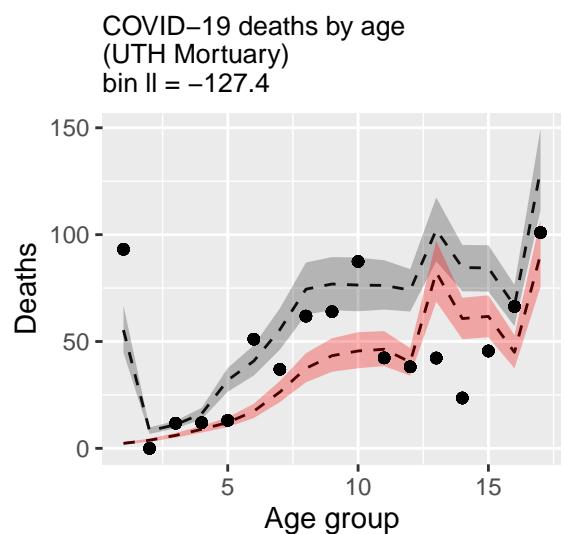
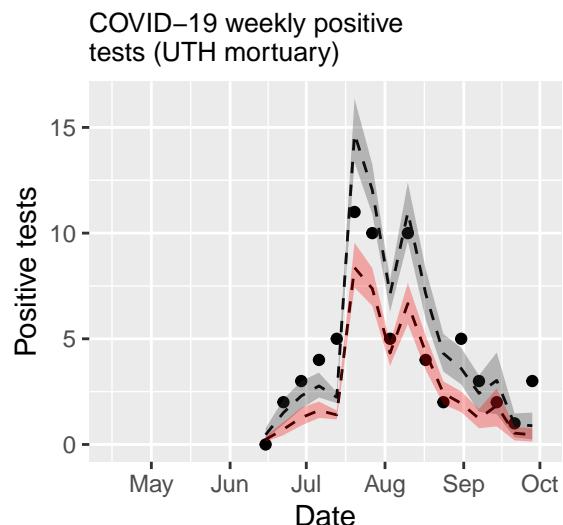
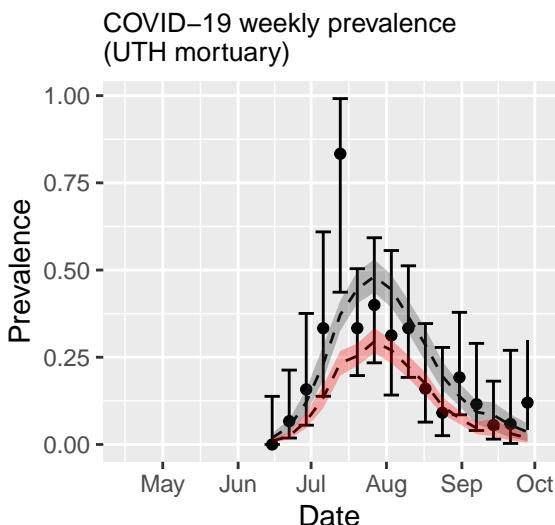
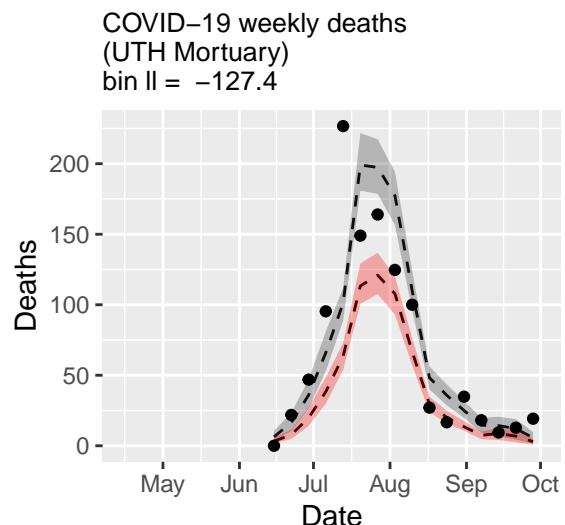
COVID-19 weekly deaths (Mortuary)

pois II = -788.4

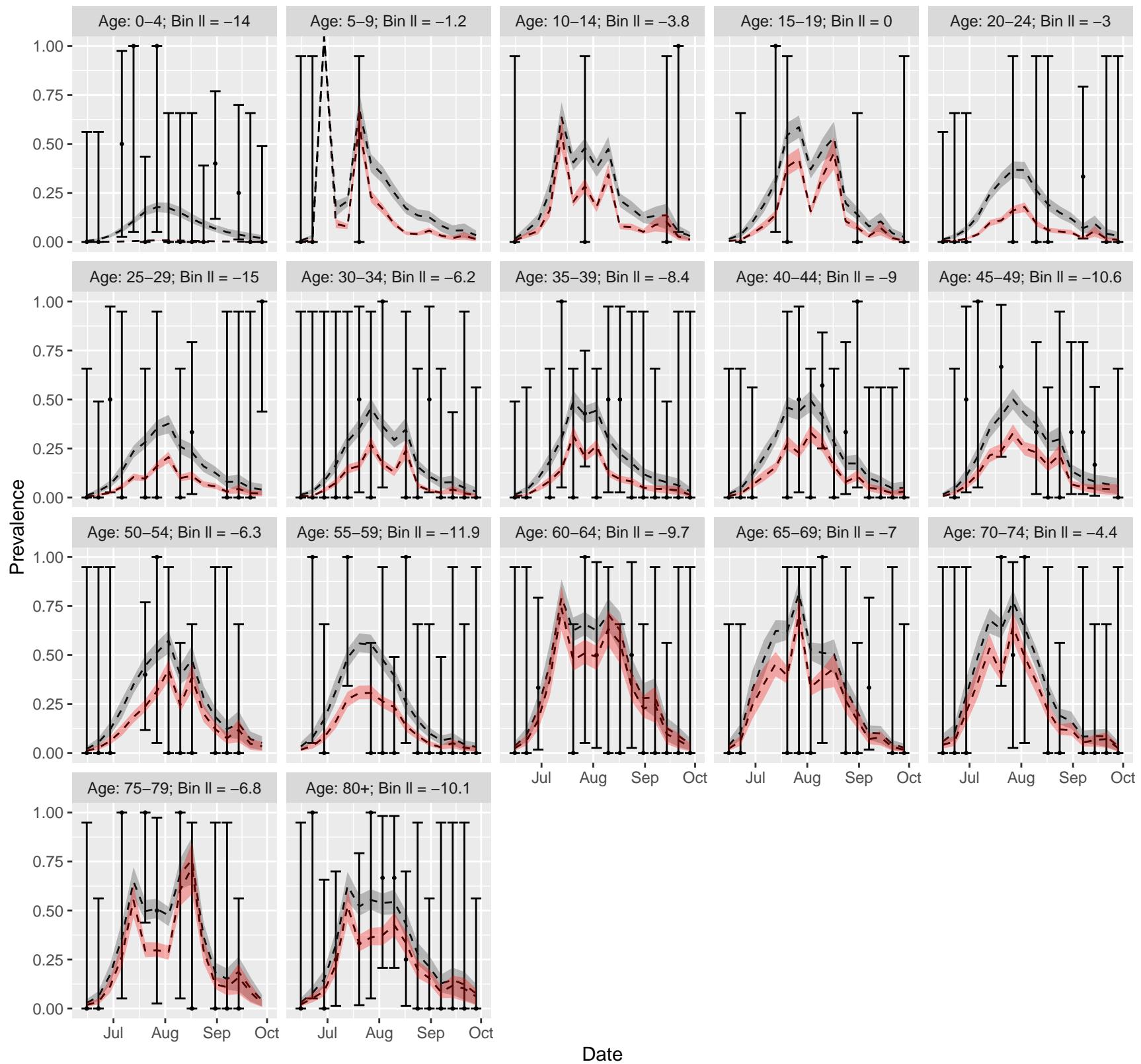


IFR x 0.2, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka





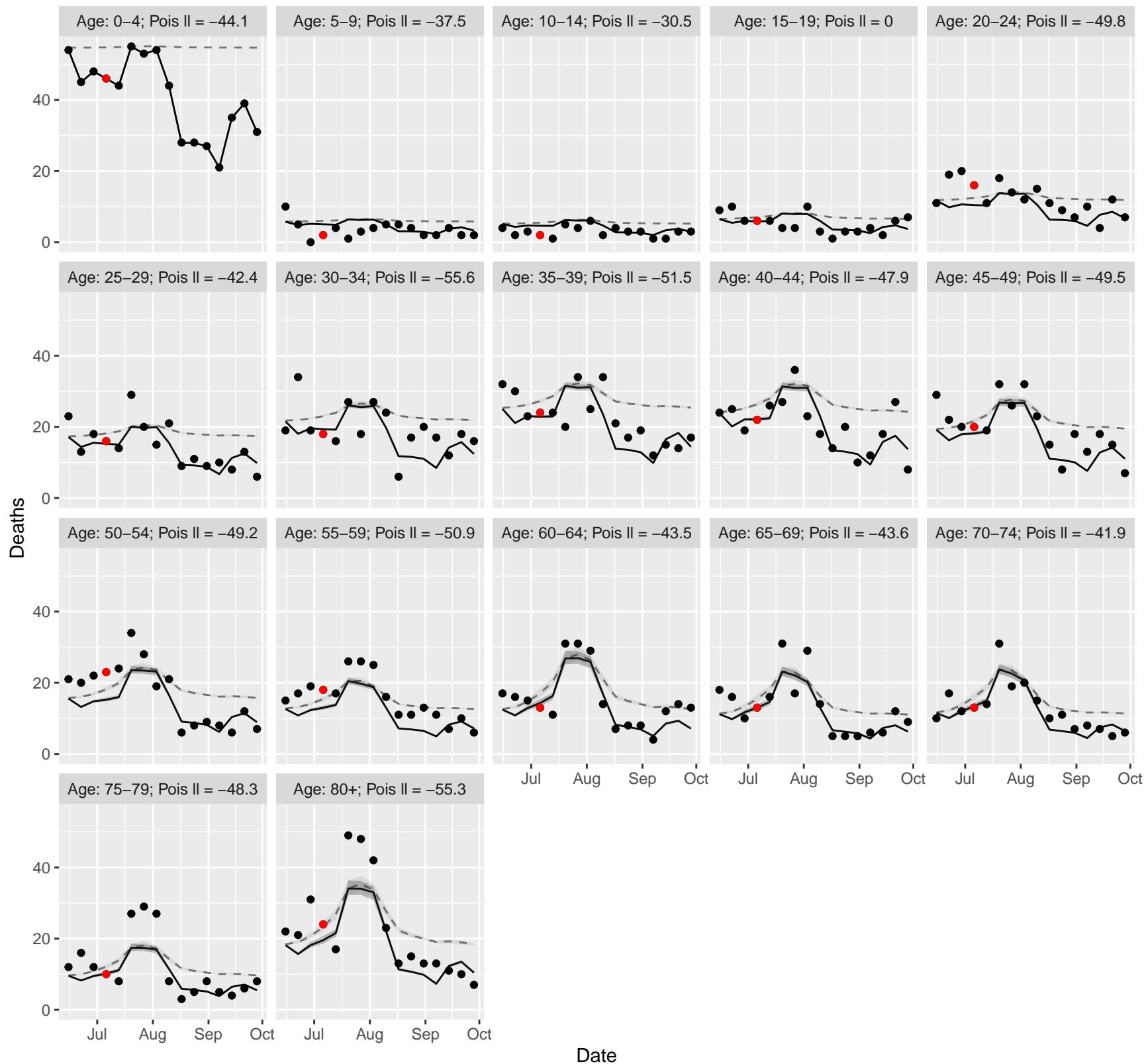
IFR x 0.4, Slope x 1  
COVID-19 weekly prevalence (Mortuary)  
bin II = -127.4



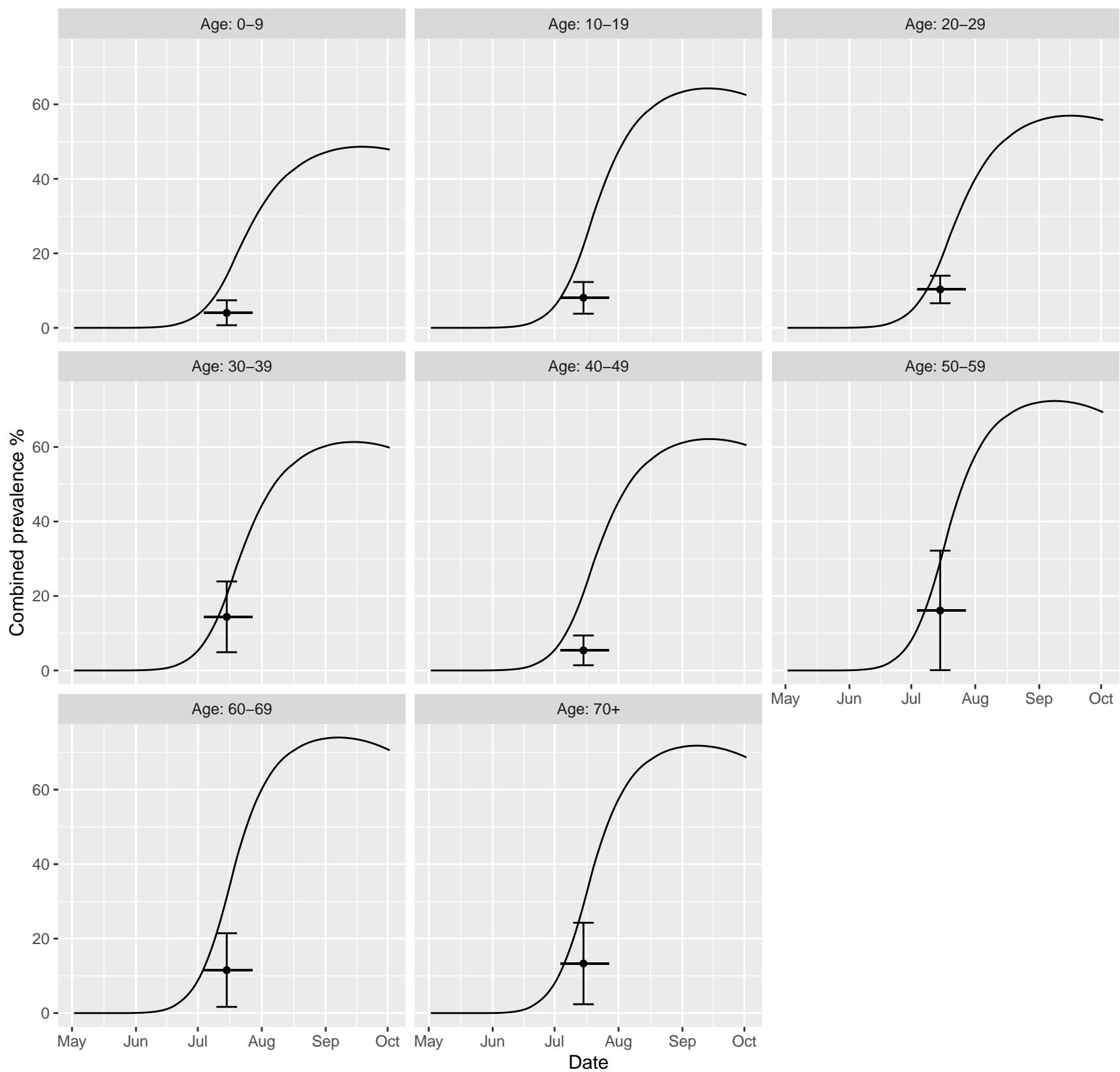
IFR x 0.4, Slope x 1

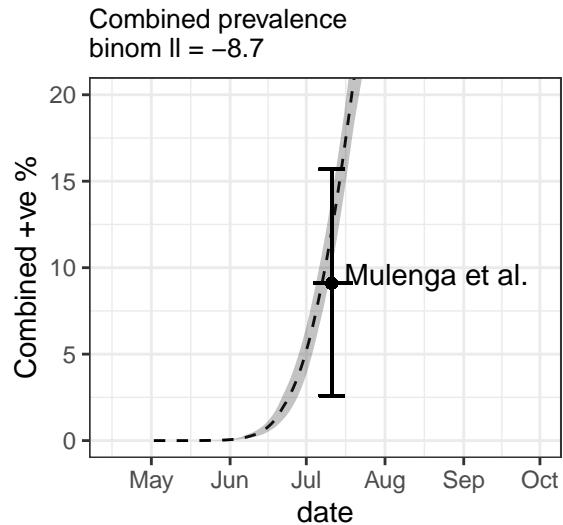
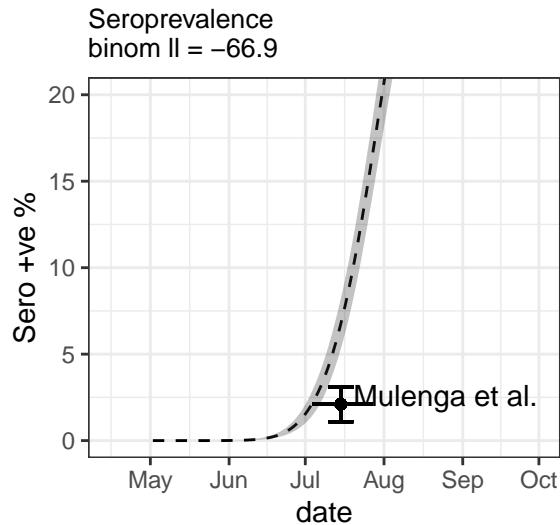
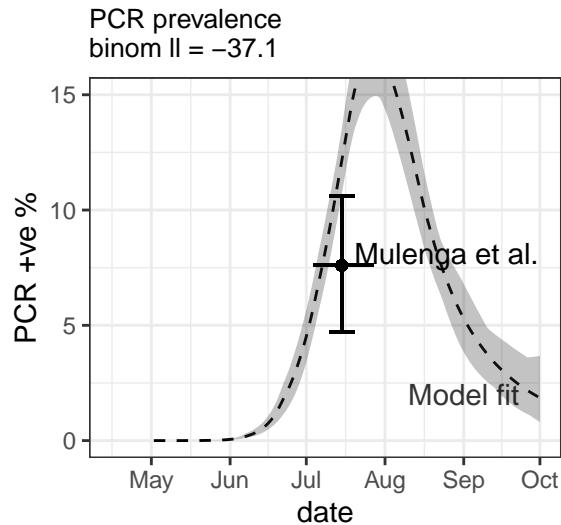
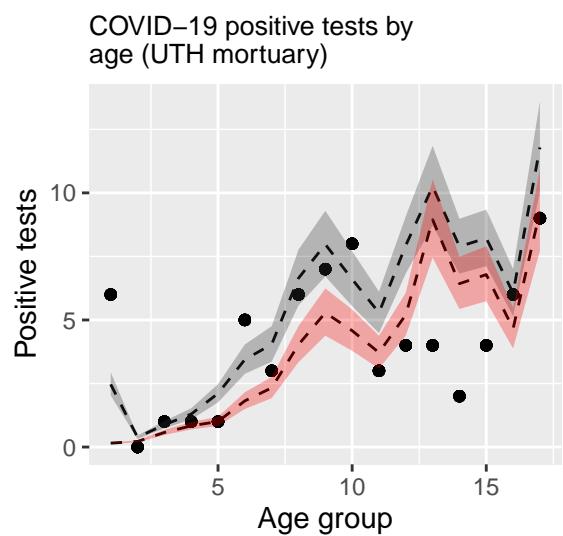
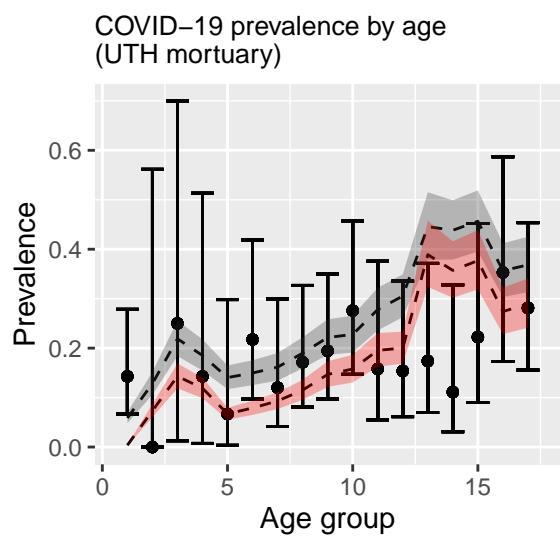
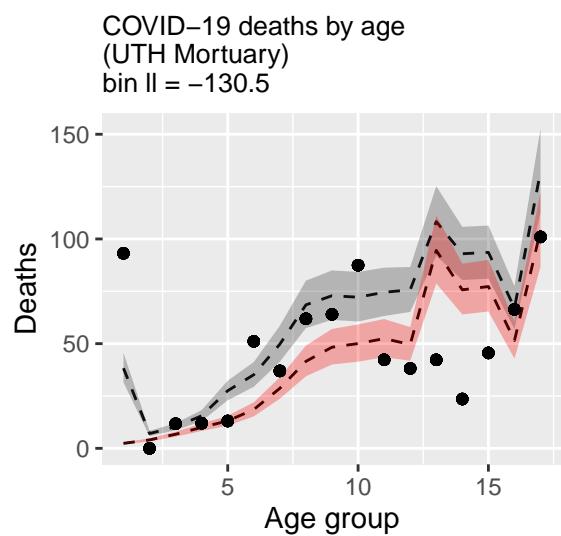
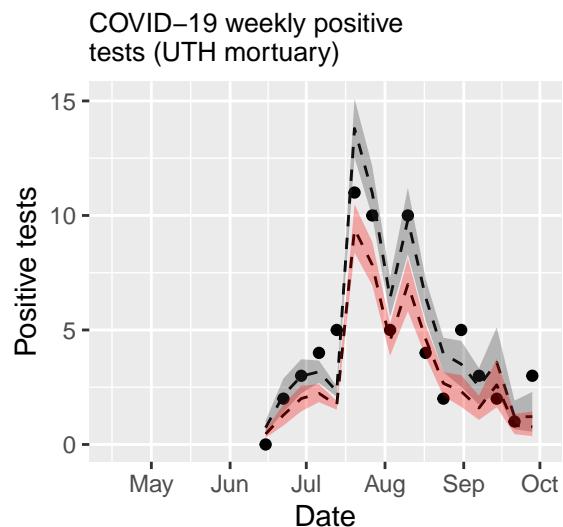
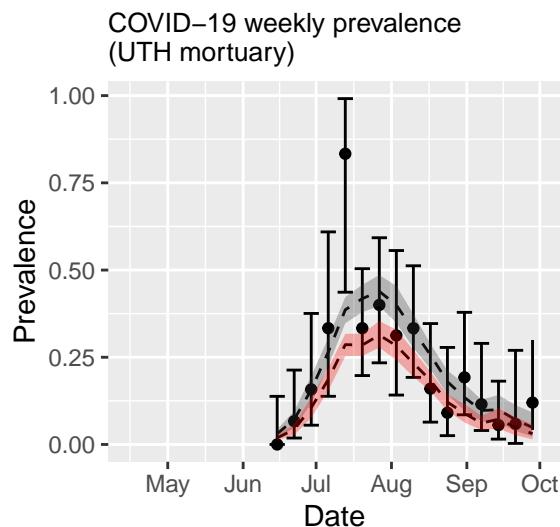
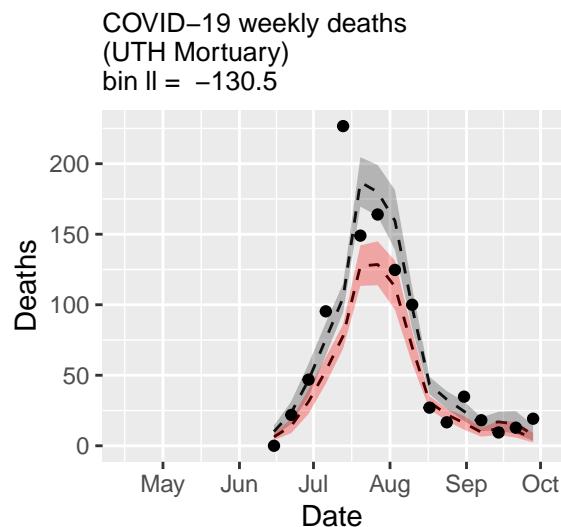
COVID-19 weekly deaths (Mortuary)

pois II = -741.6

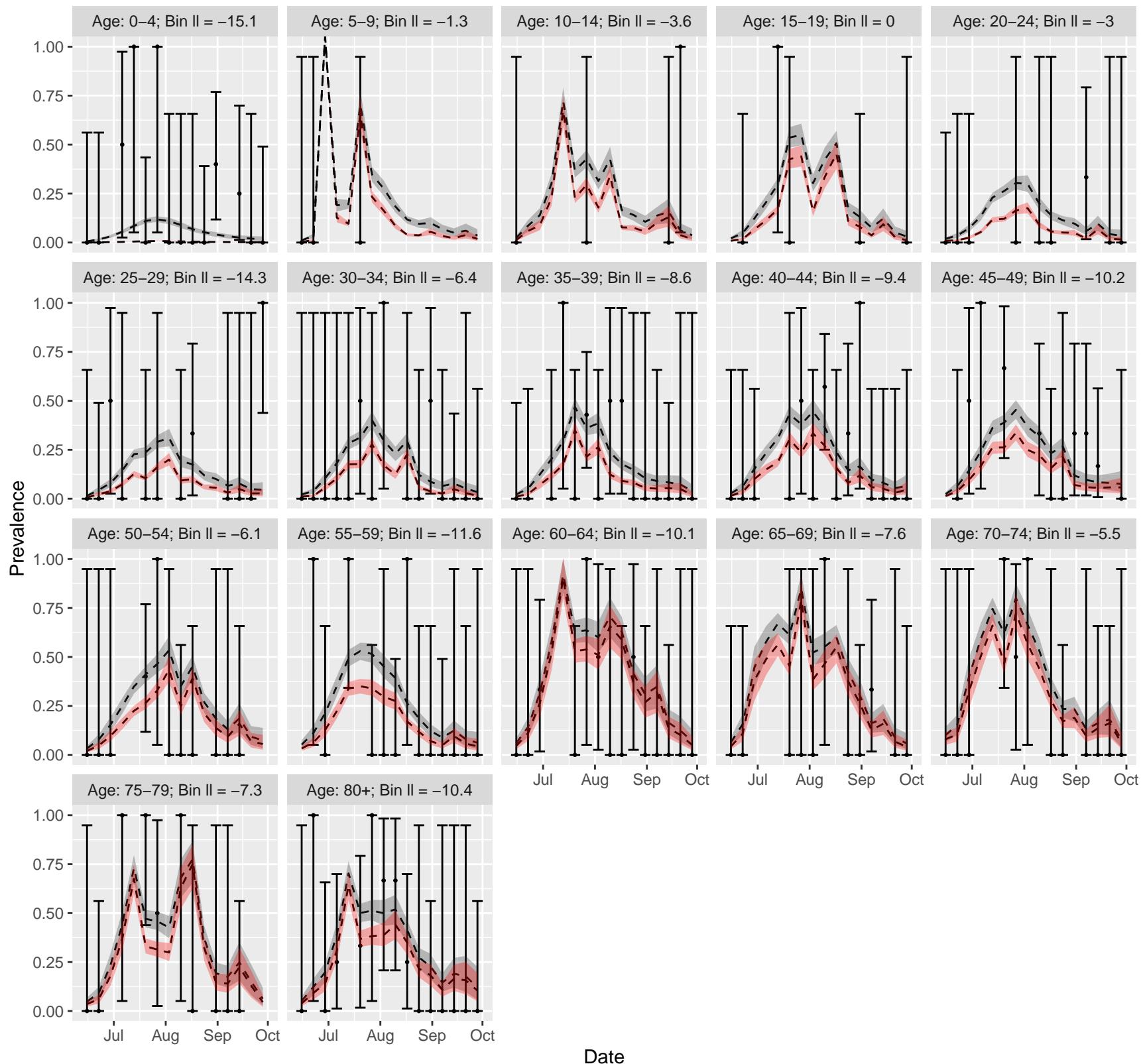


IFR x 0.4, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka





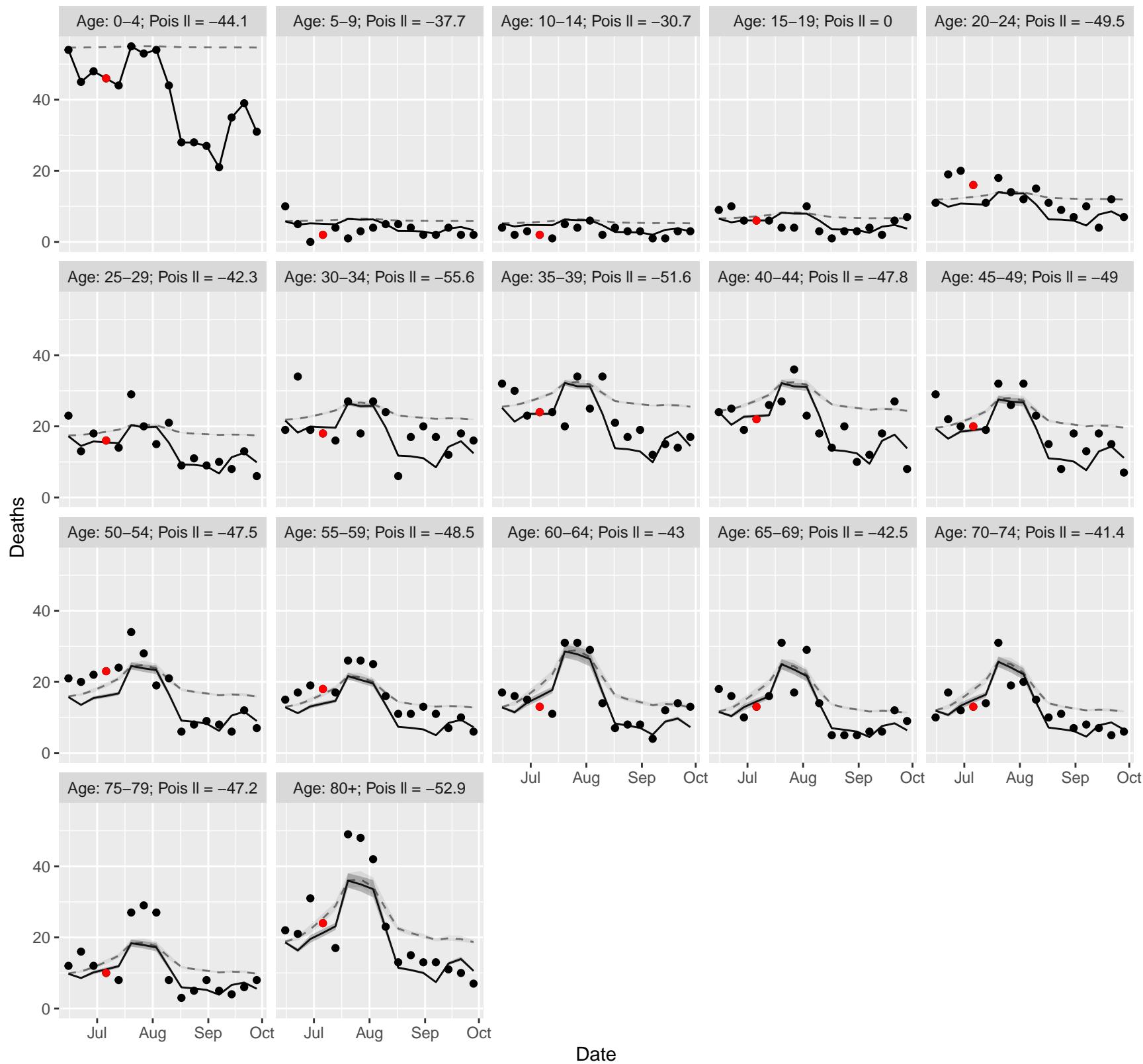
IFR x 0.6, Slope x 1  
COVID-19 weekly prevalence (Mortuary)  
bin II = -130.5



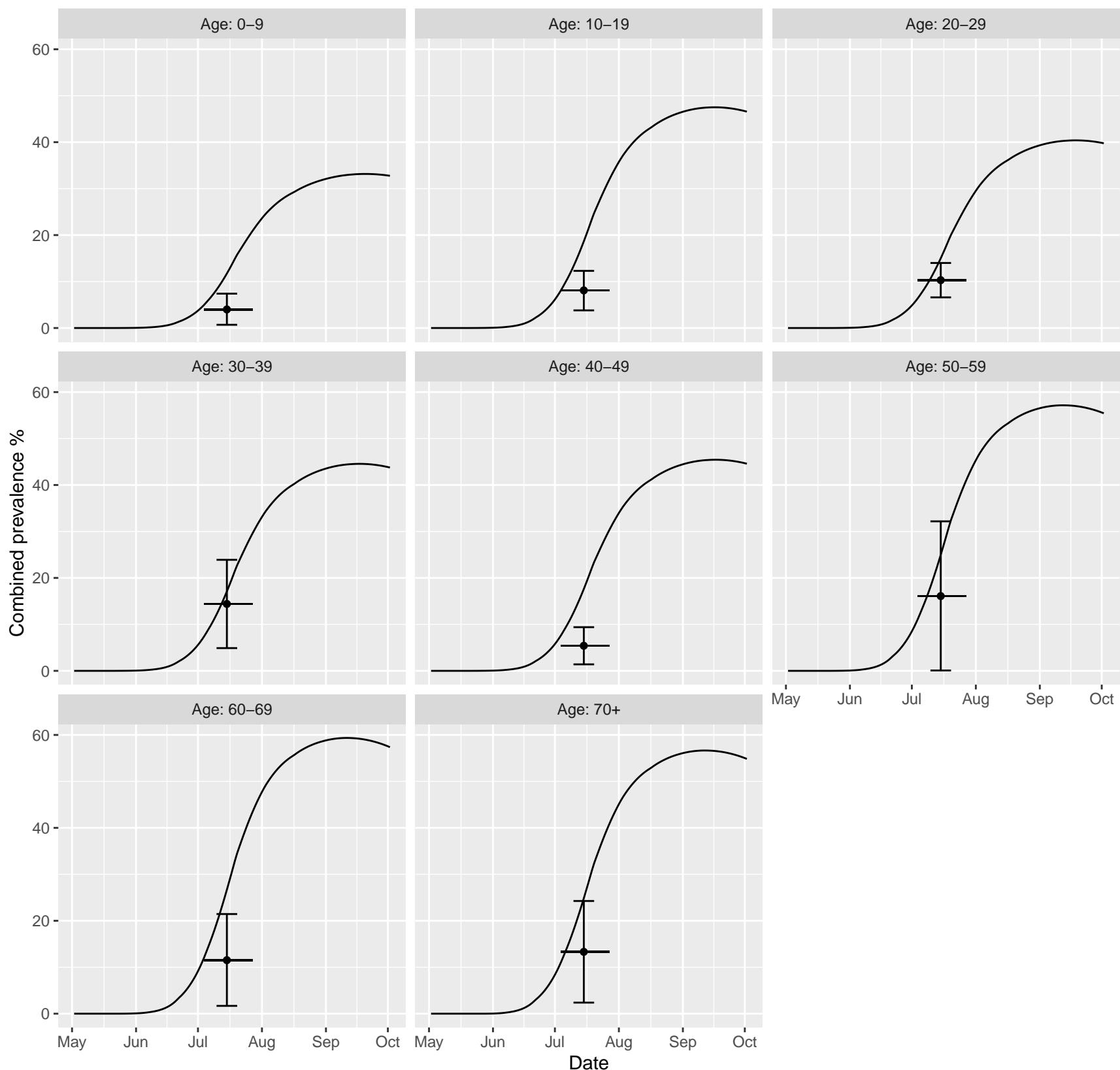
IFR x 0.6, Slope x 1

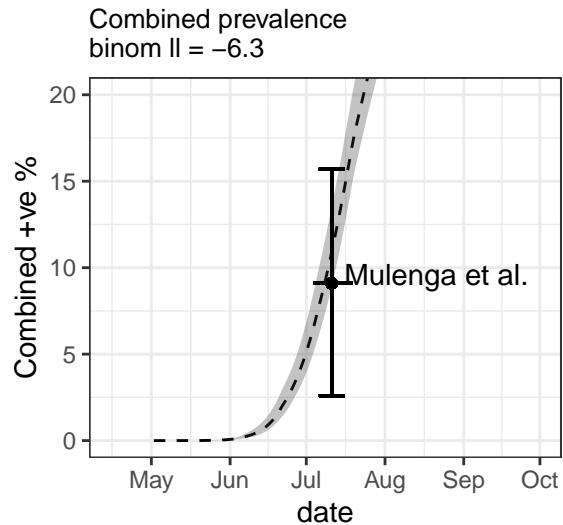
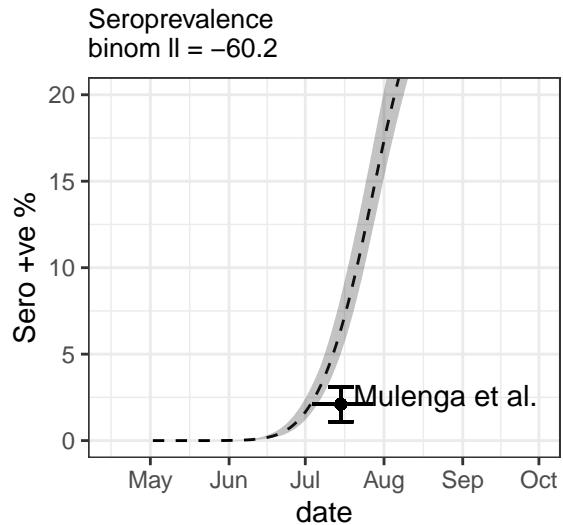
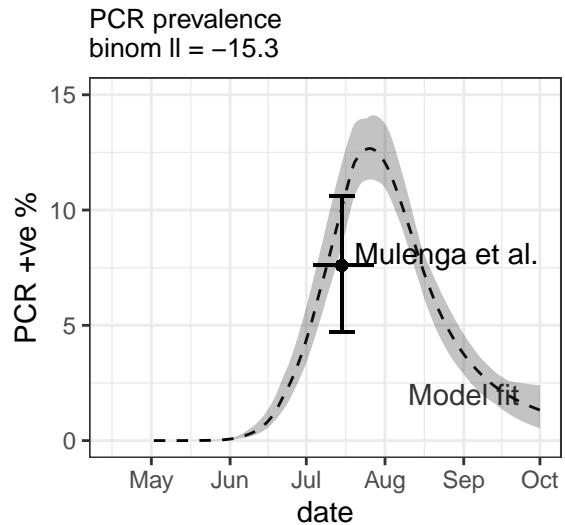
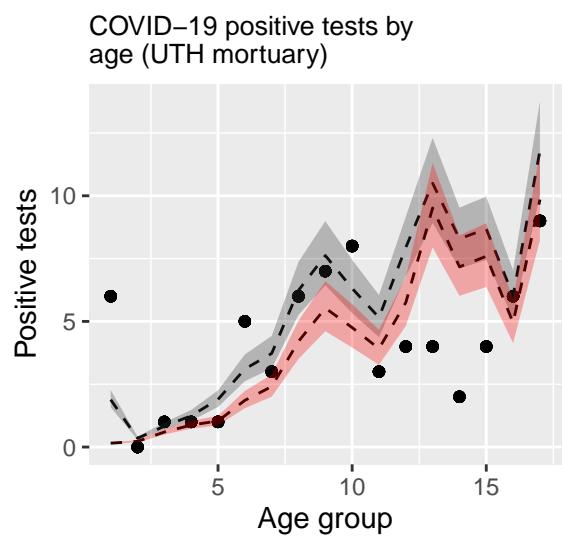
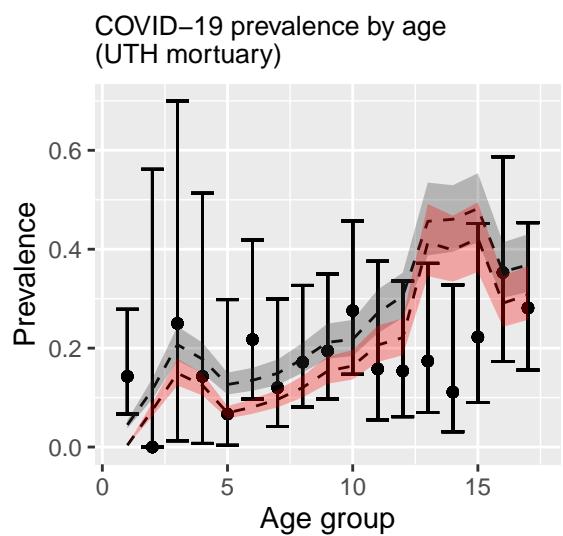
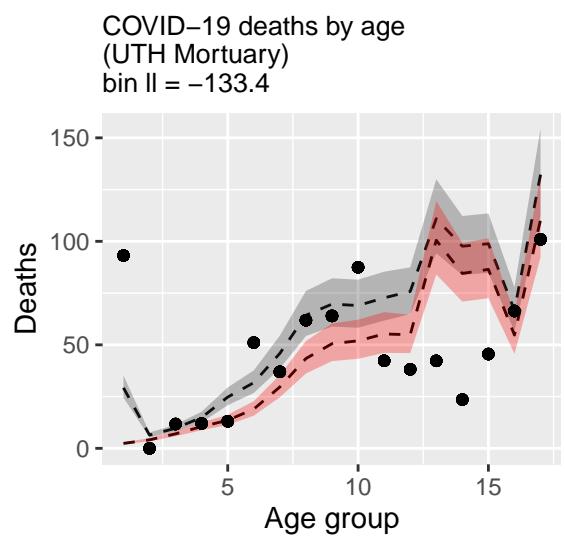
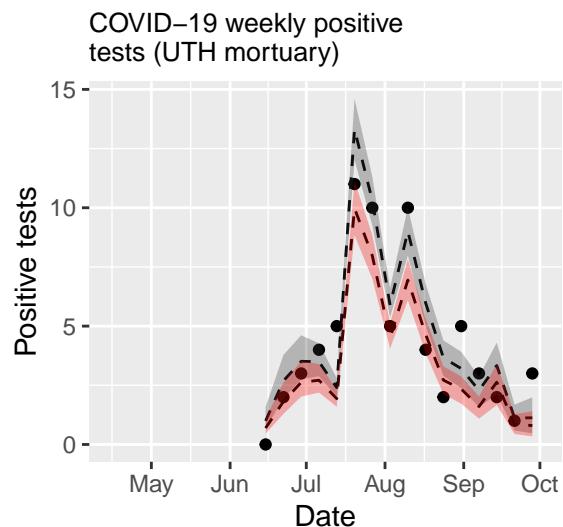
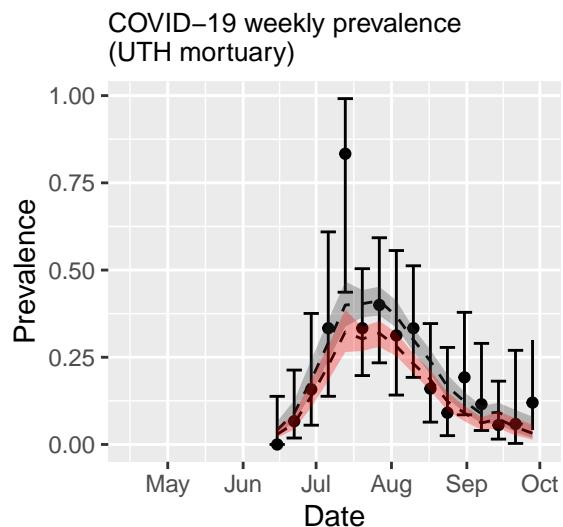
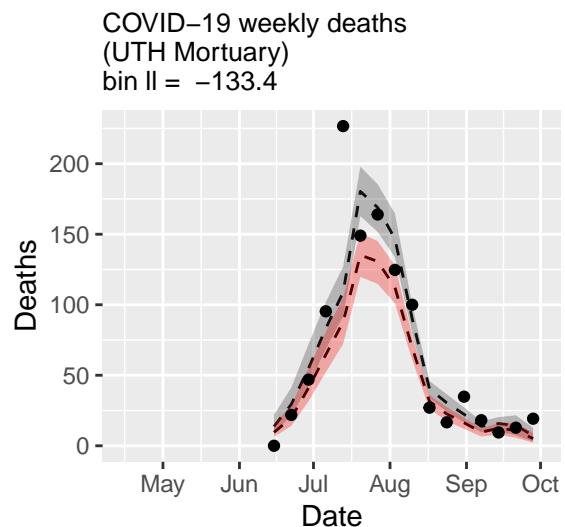
COVID-19 weekly deaths (Mortuary)

pois II = -731.2

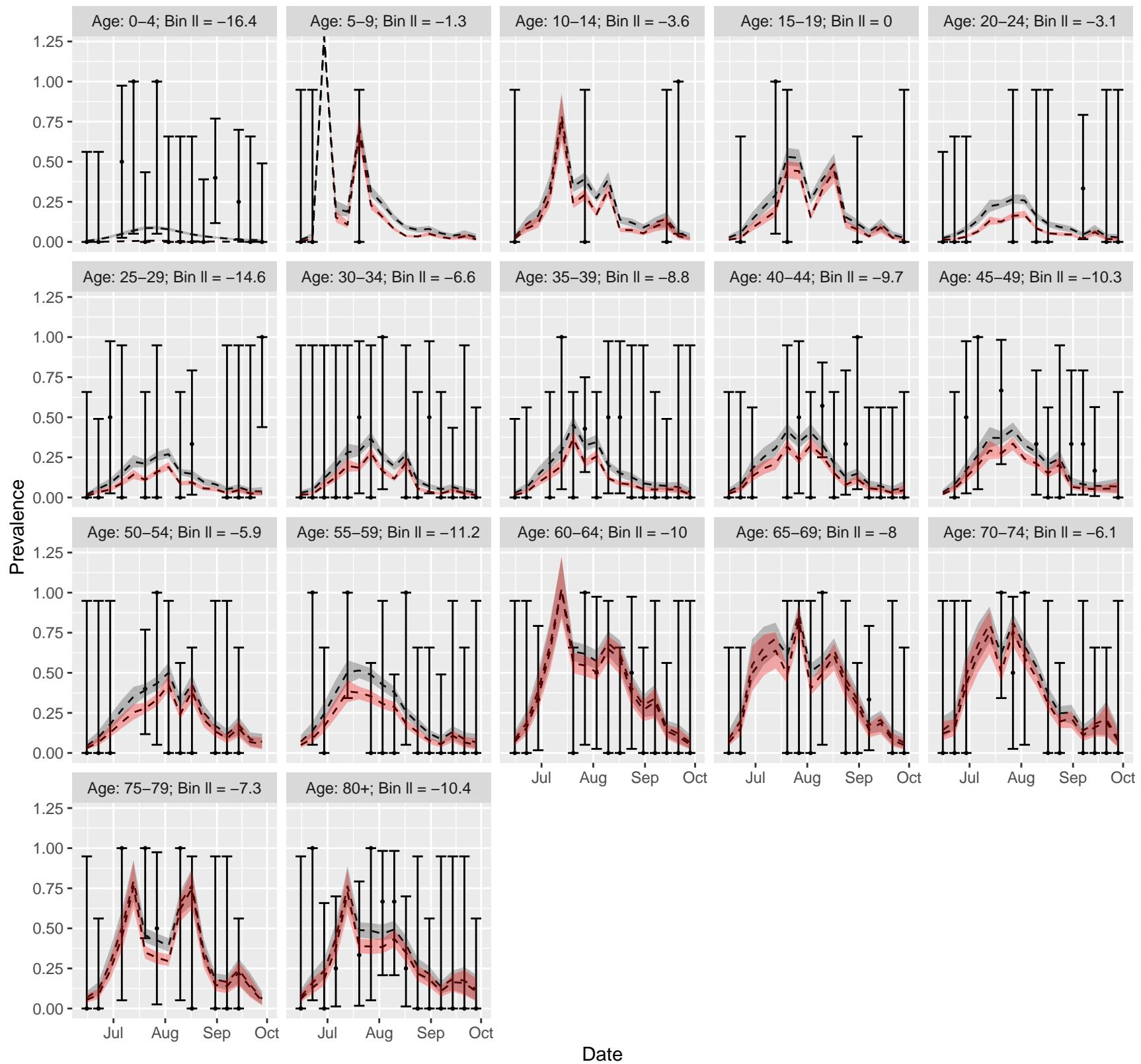


IFR x 0.6, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka





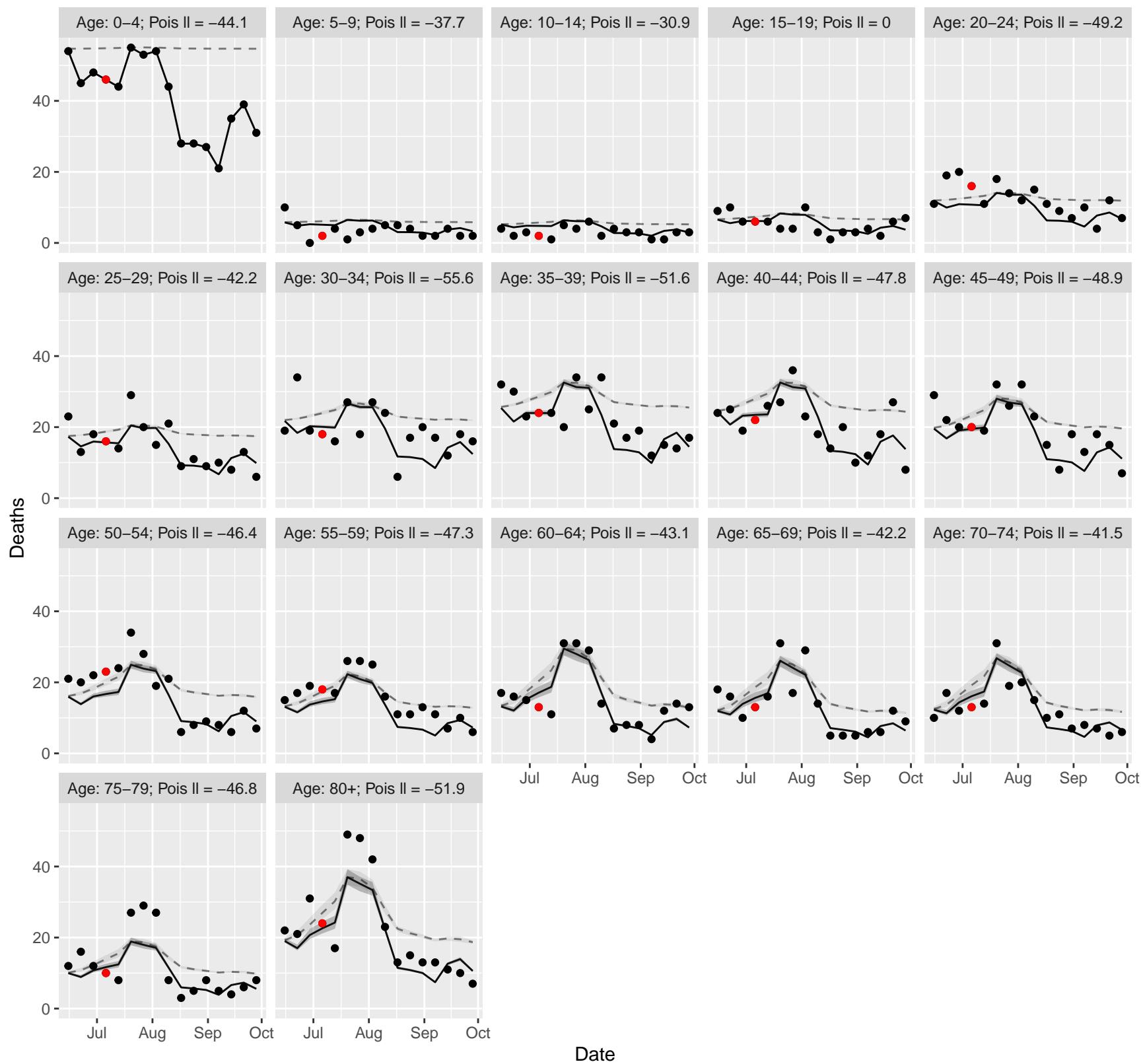
IFR x 0.8, Slope x 1  
COVID-19 weekly prevalence (Mortuary)  
bin II = -133.4



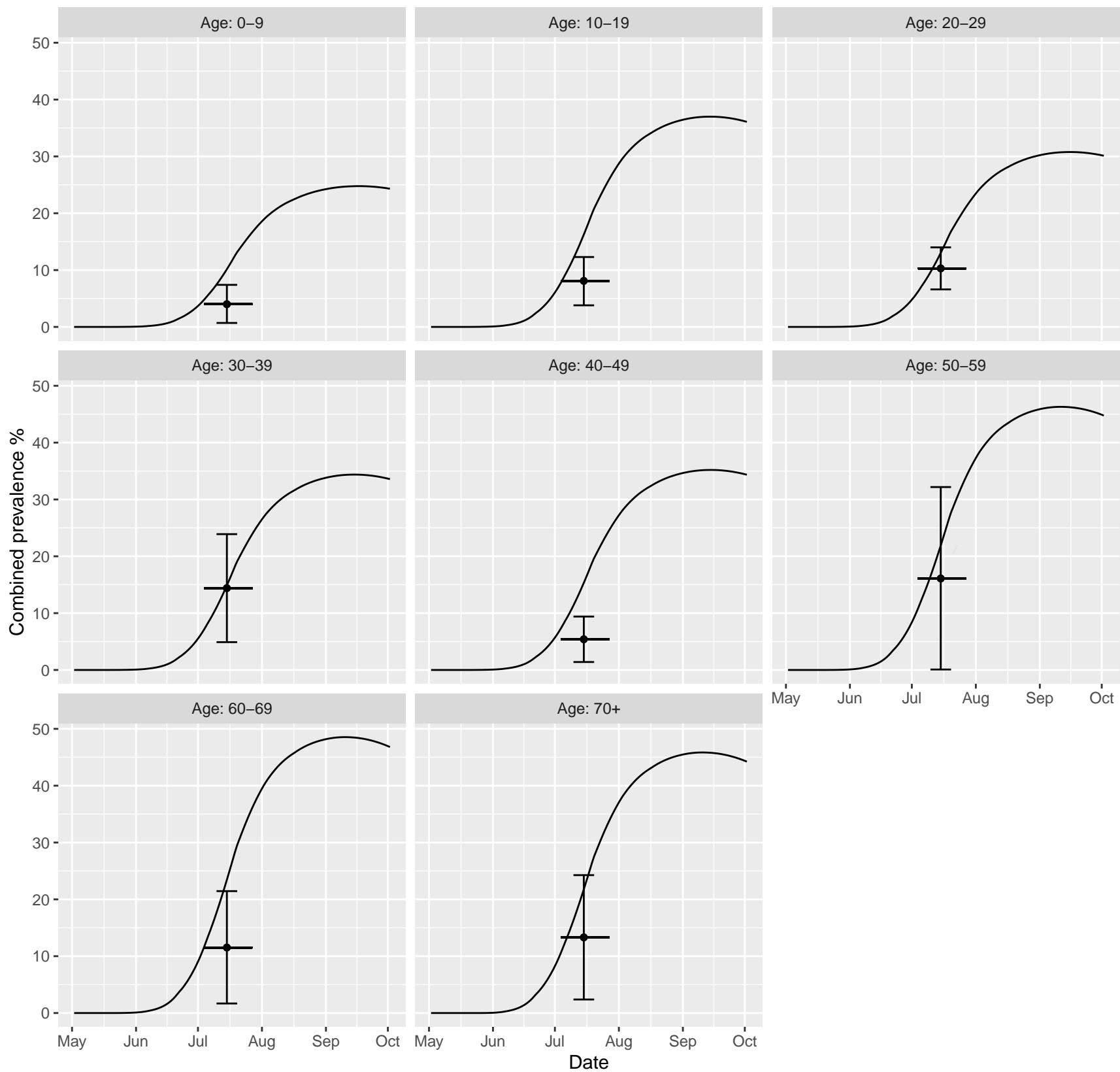
IFR x 0.8, Slope x 1

COVID-19 weekly deaths (Mortuary)

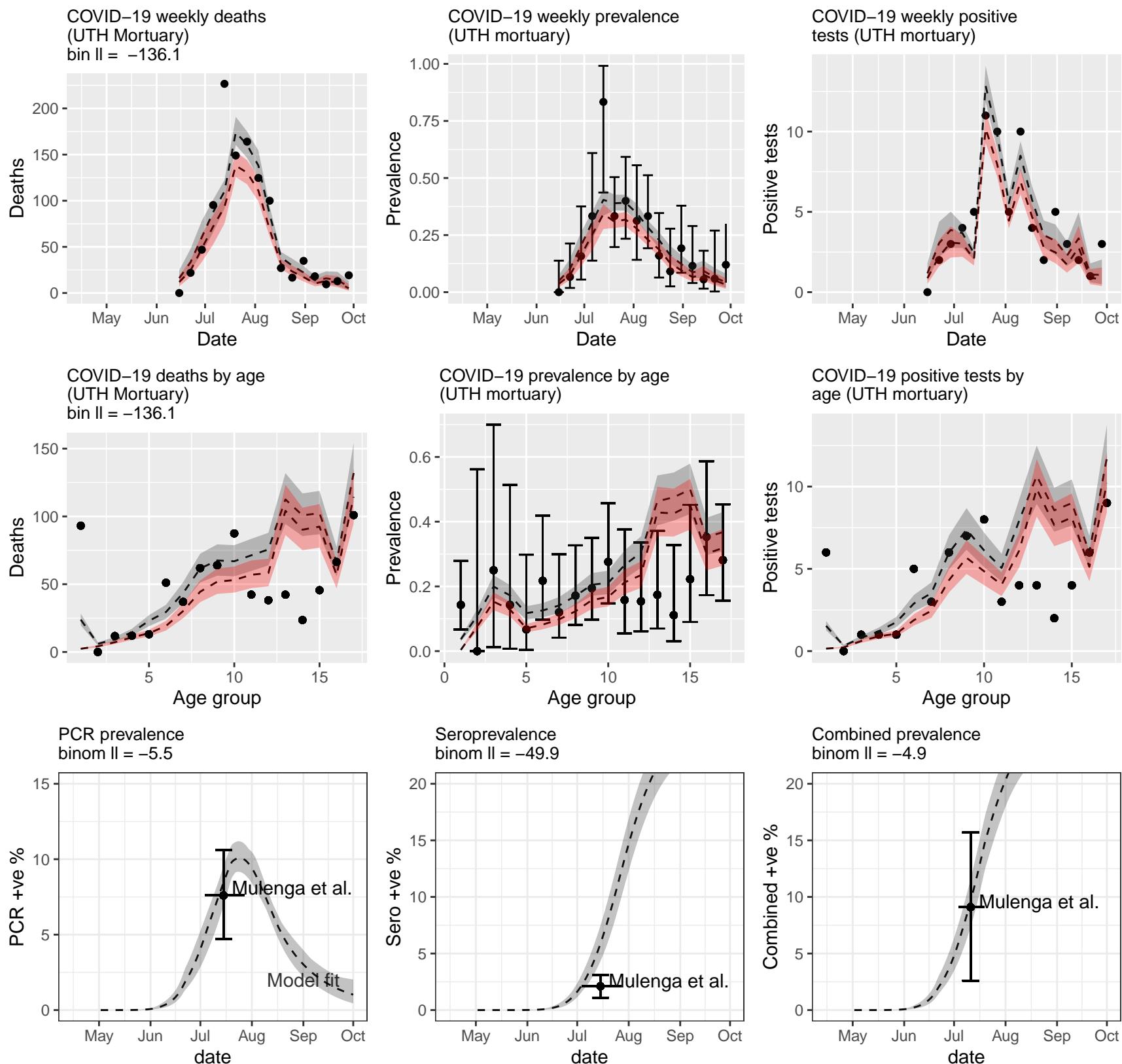
pois II = -727.3



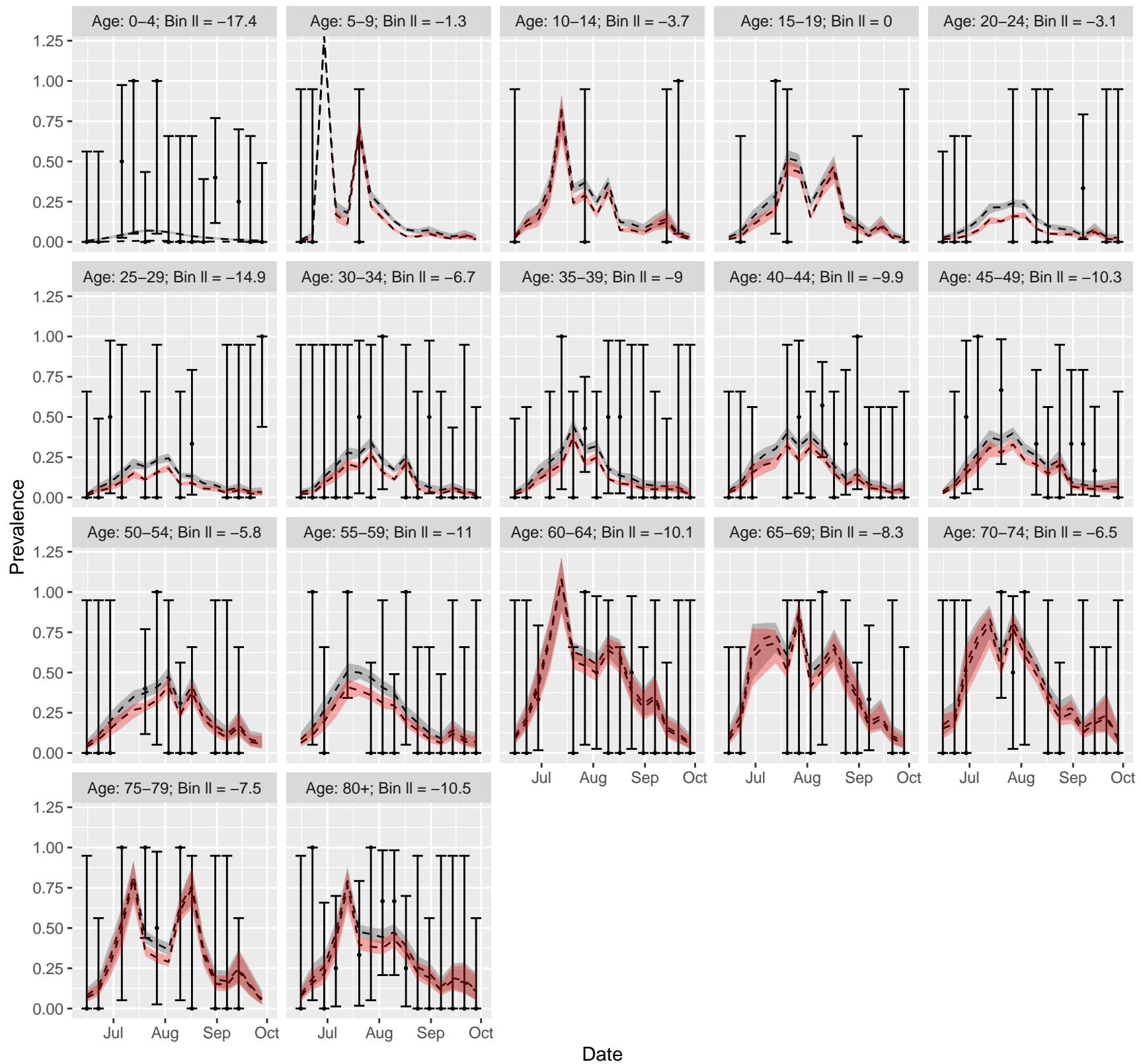
IFR x 0.8, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka



# IFR x 1, Slope x 1



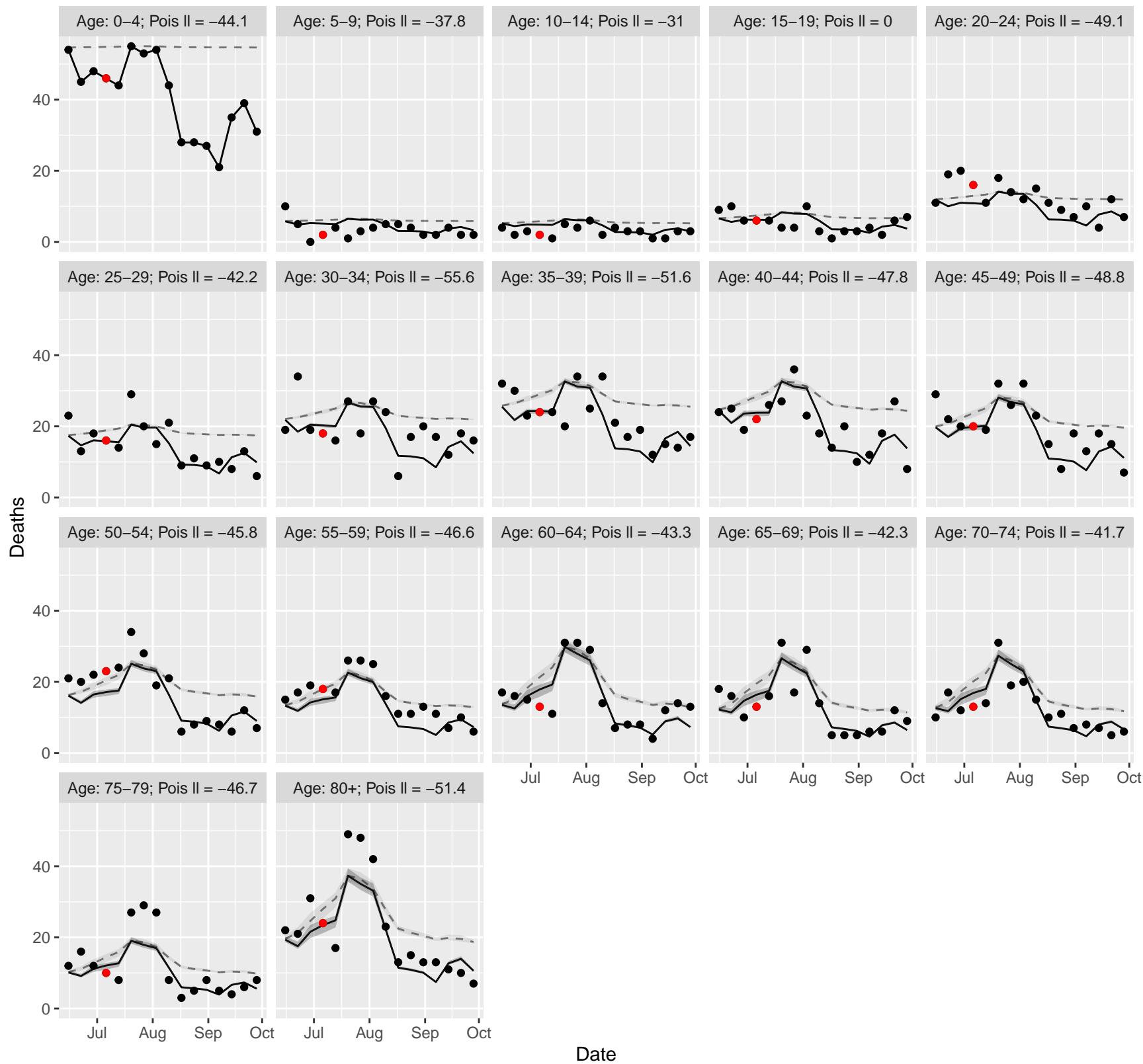
IFR x 1, Slope x 1  
COVID-19 weekly prevalence (Mortuary)  
bin II = -136.1



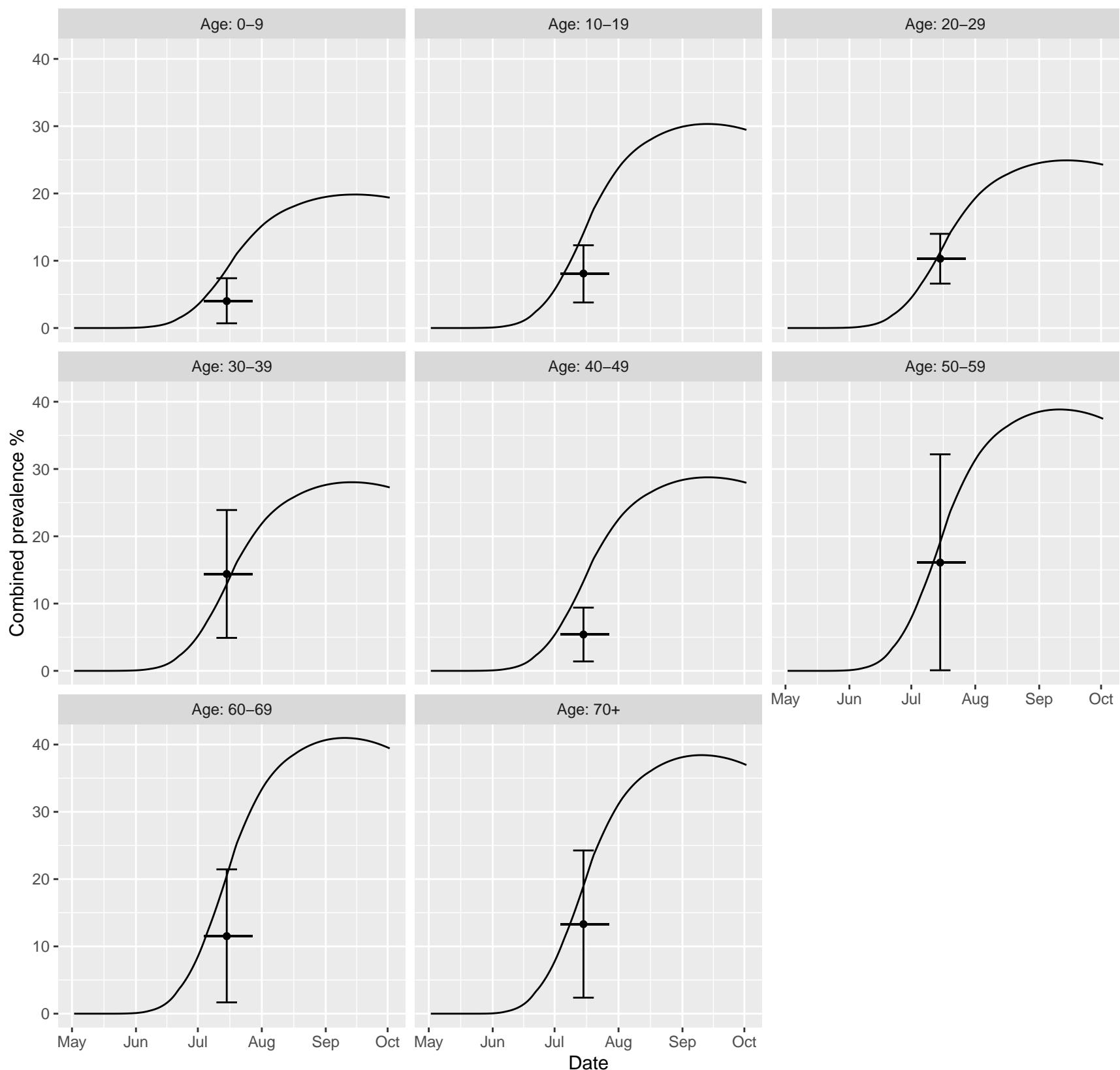
IFR x 1, Slope x 1

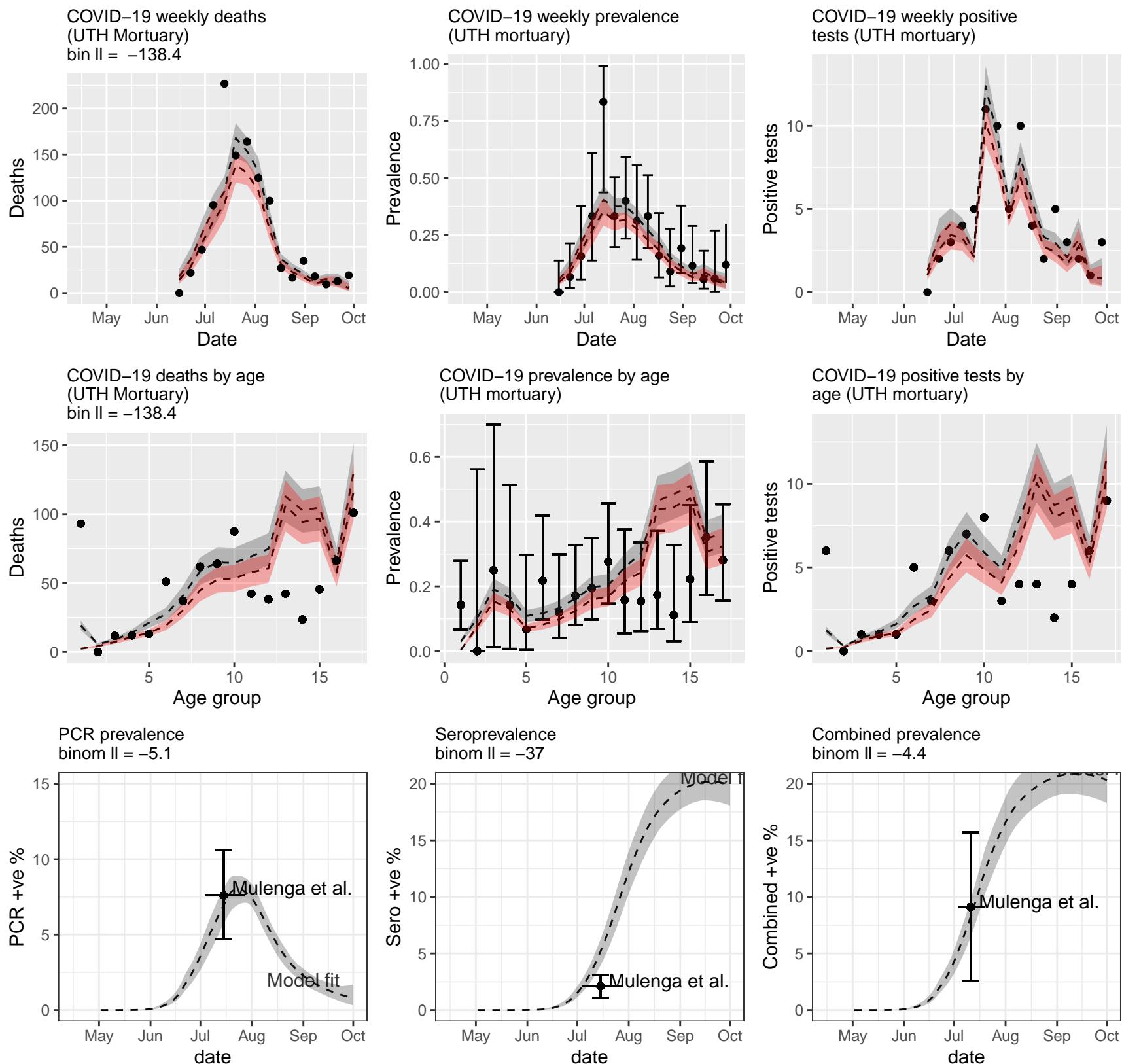
COVID-19 weekly deaths (Mortuary)

pois II = -725.6



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

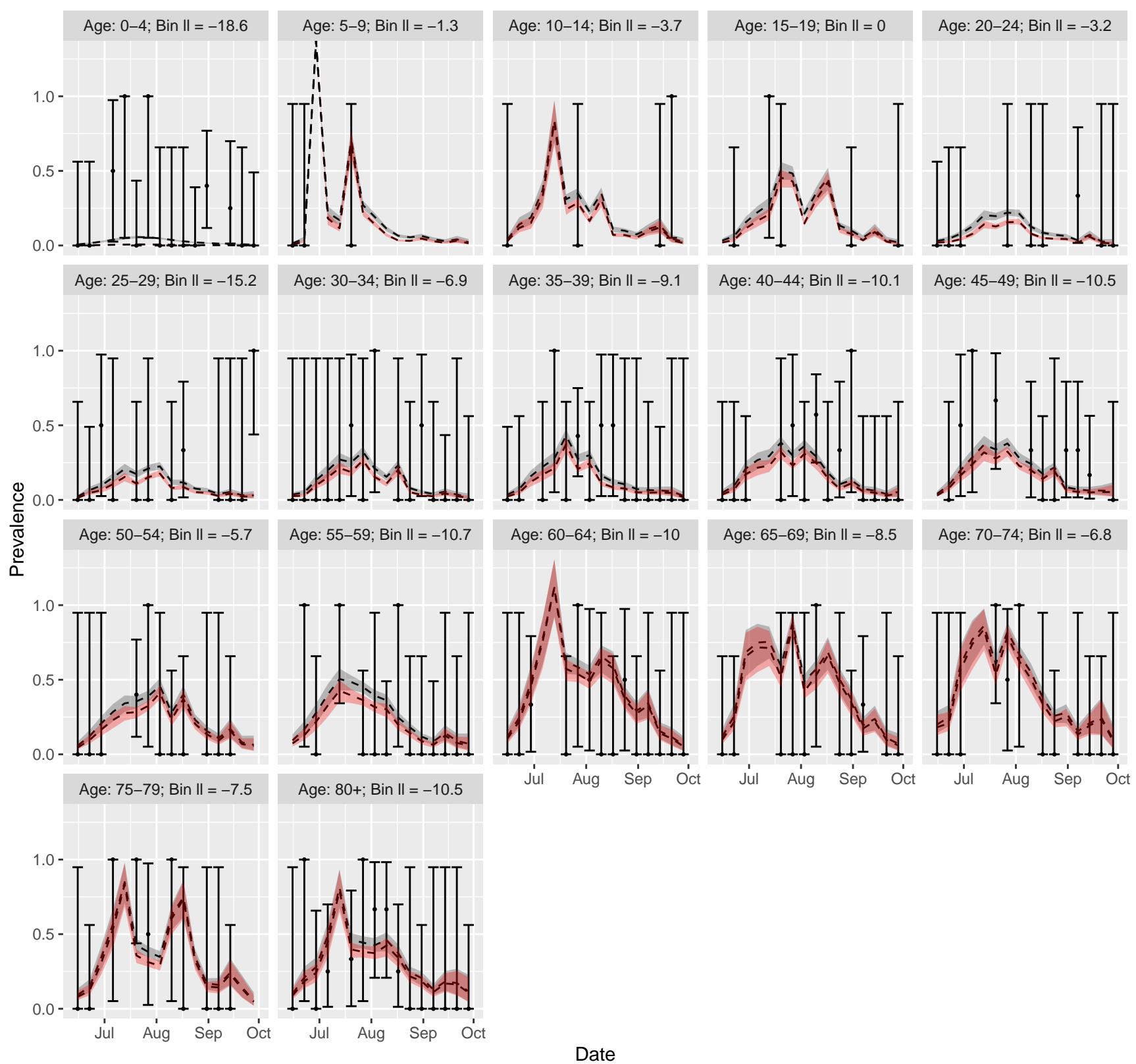




IFR x 1.25, Slope x 1

COVID-19 weekly prevalence (Mortuary)

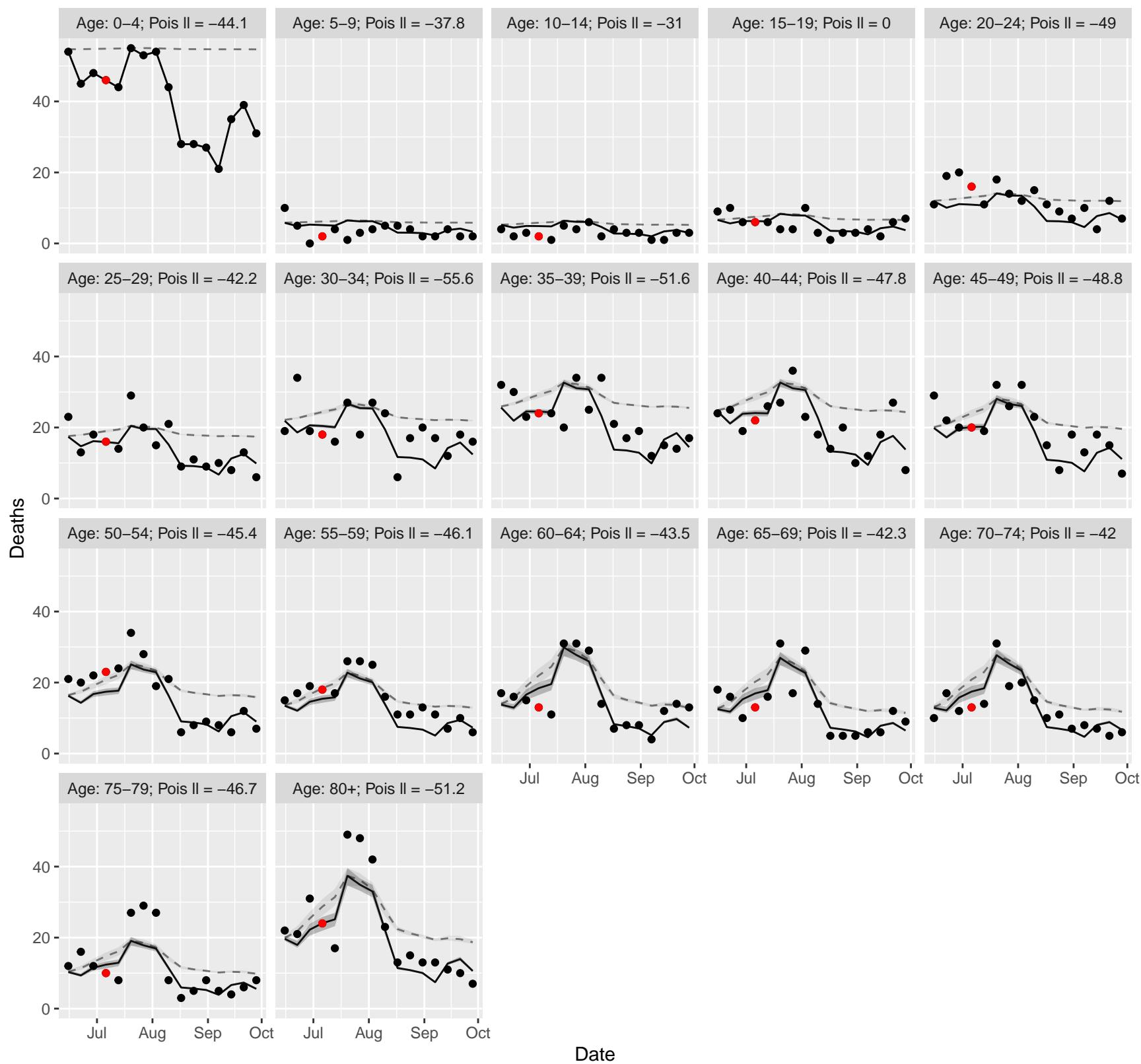
bin II = -138.4



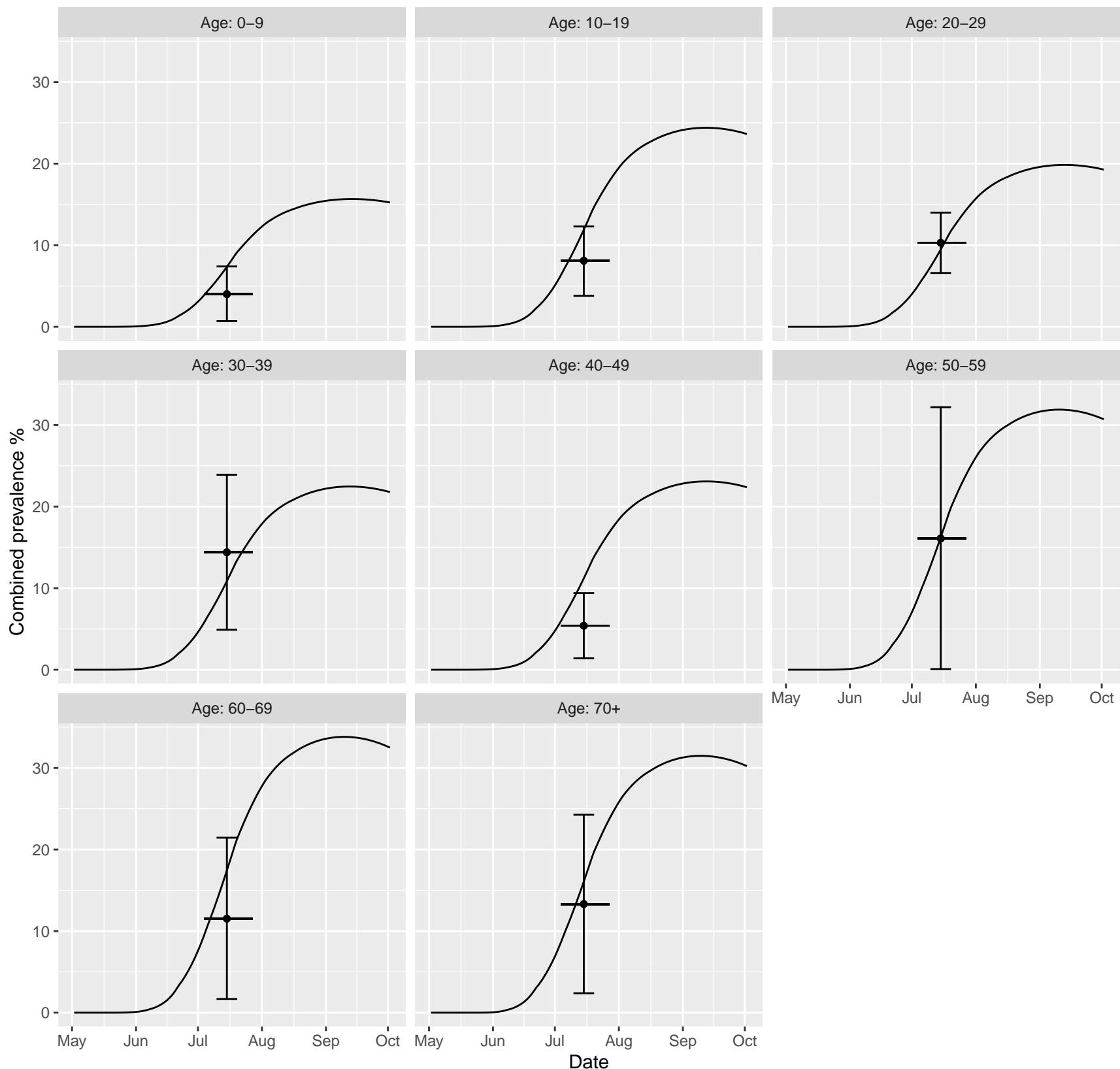
IFR x 1.25, Slope x 1

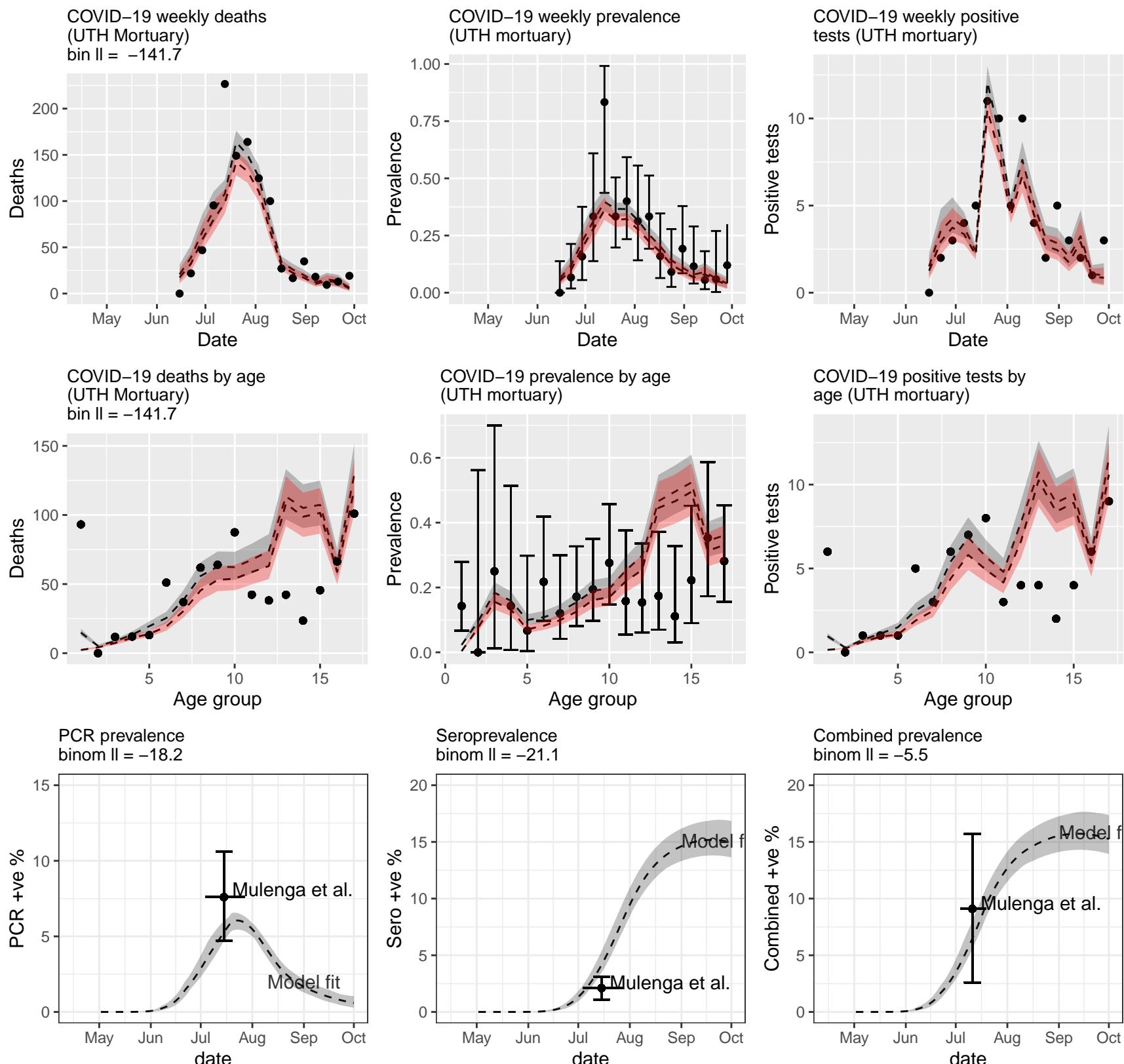
COVID-19 weekly deaths (Mortuary)

pois II = -725.1

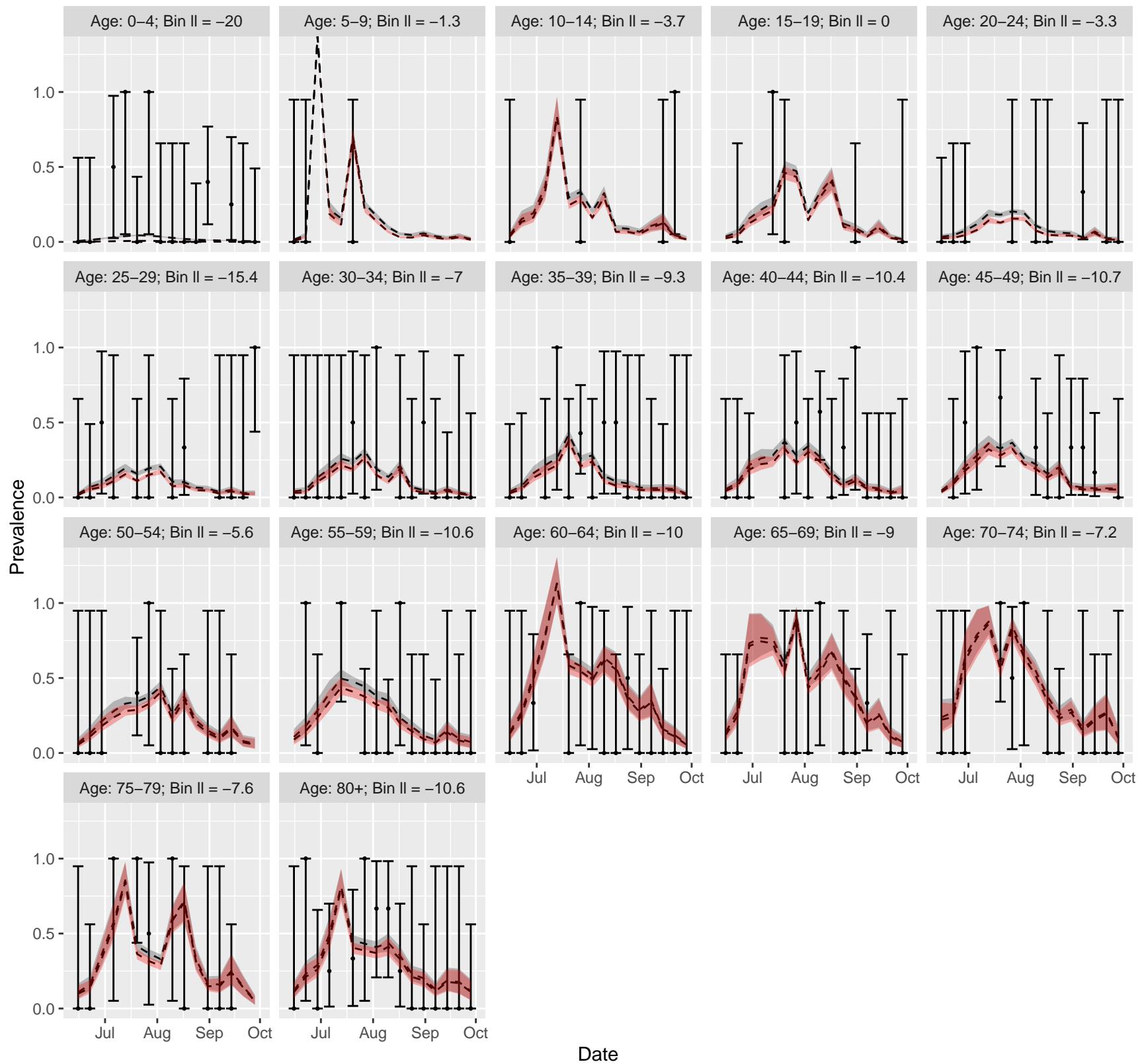


IFR x 1.25, Slope x 1  
Modelled COVID-19 Combined prevalence Lusaka

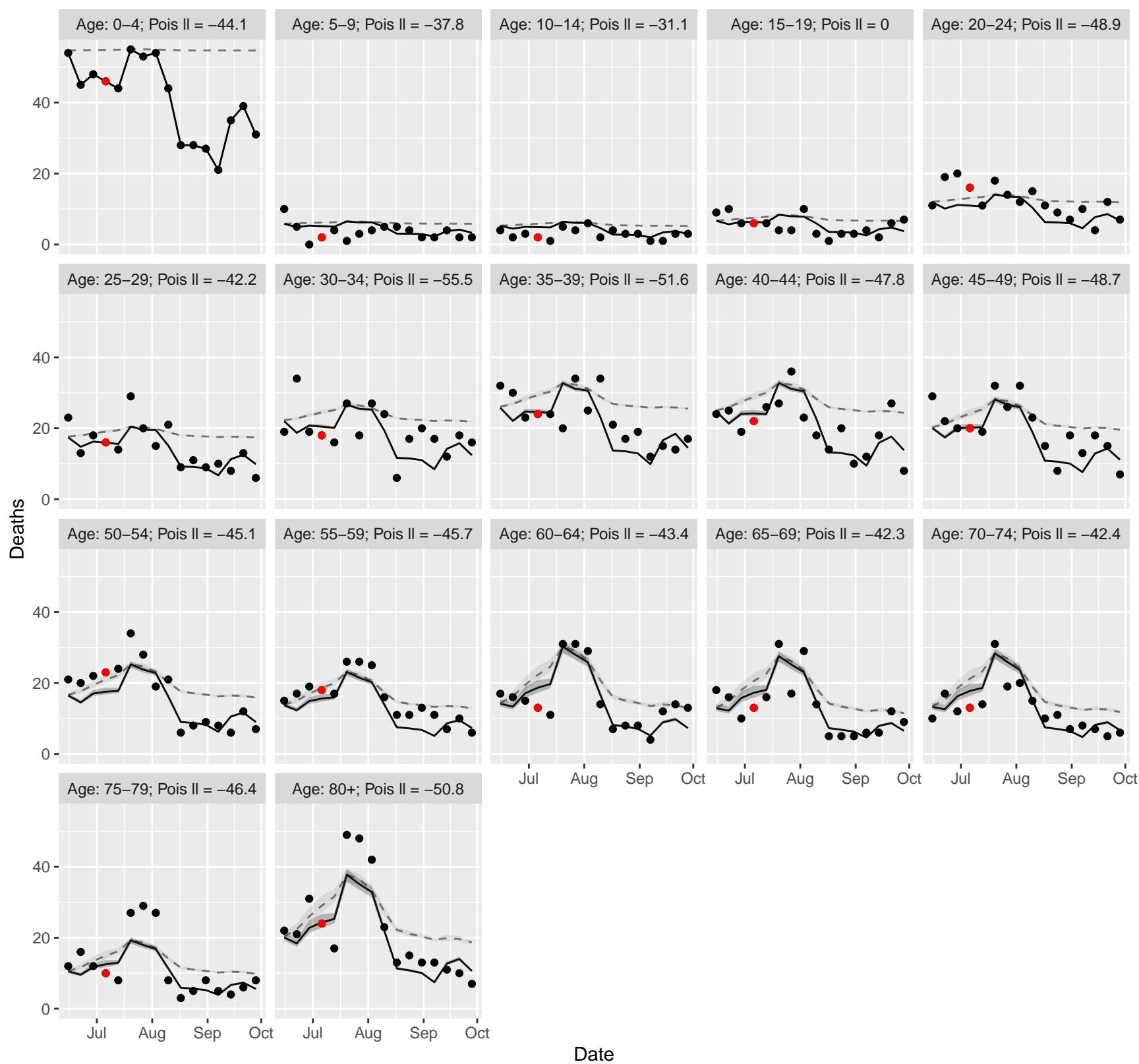




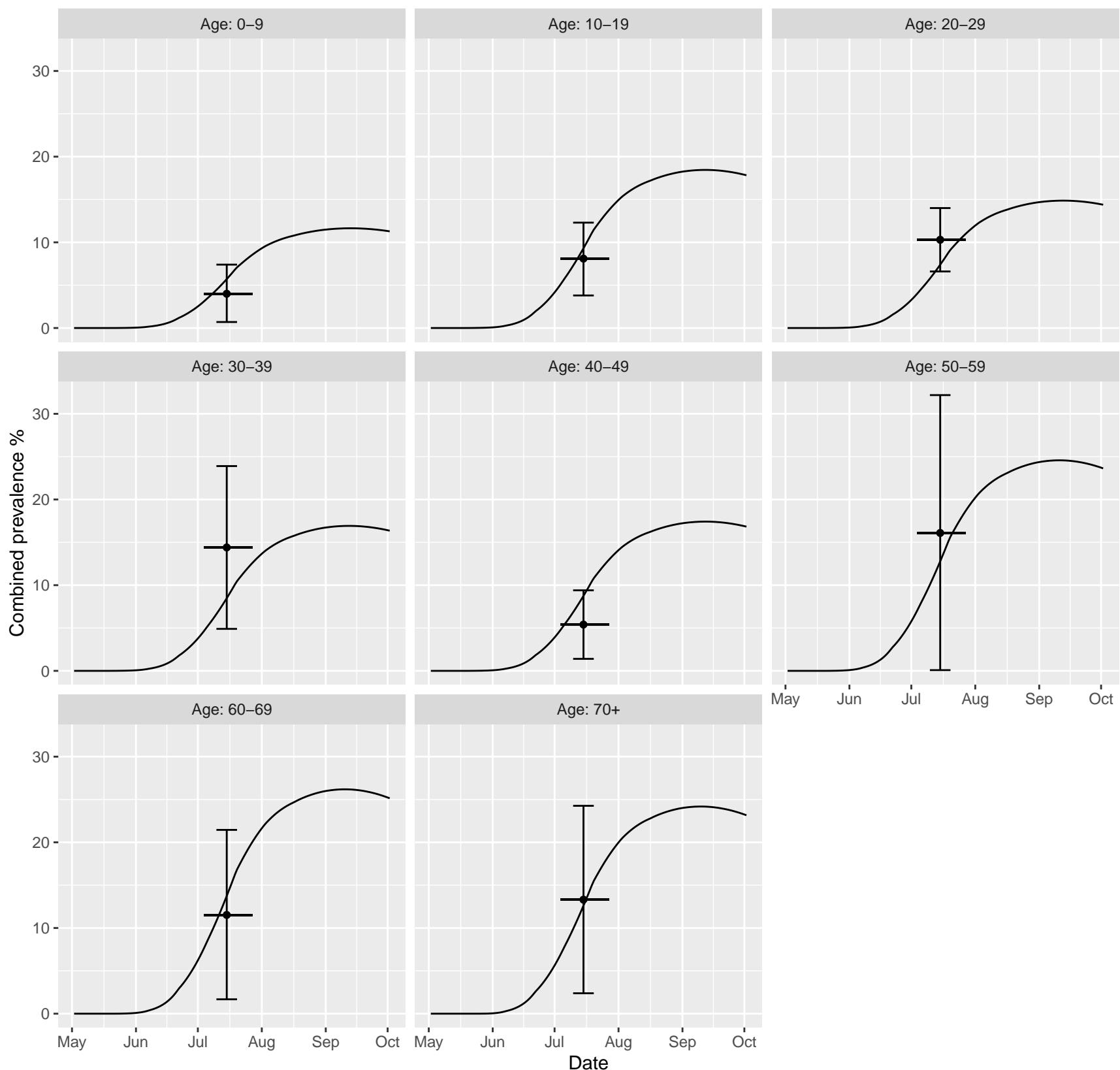
IFR x 1.66666666666667, Slope x 1  
COVID-19 weekly prevalence (Mortuary)  
bin II = -141.7

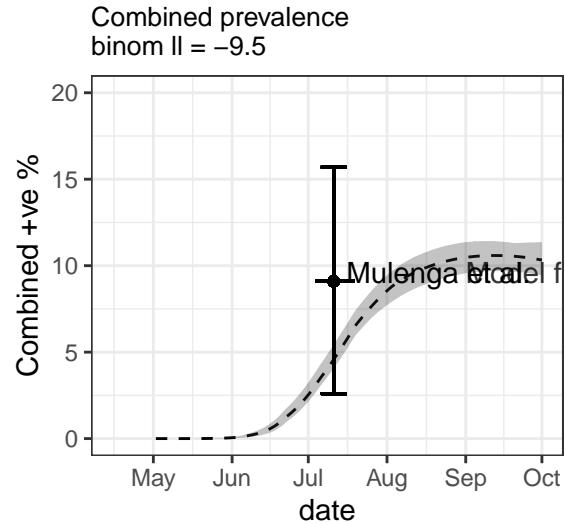
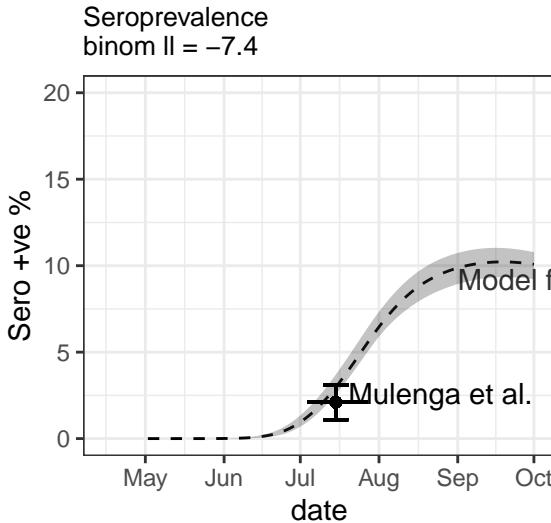
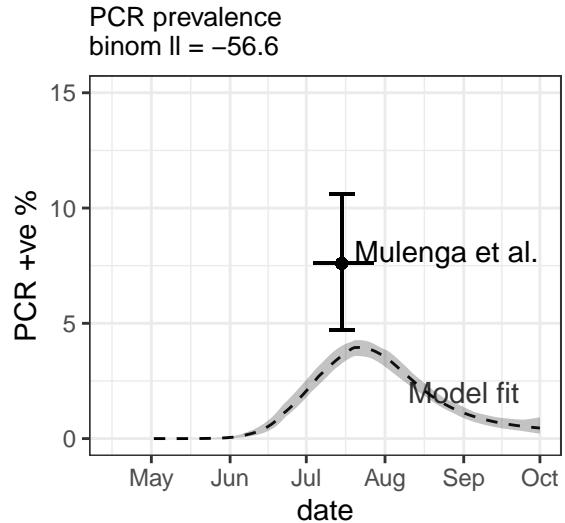
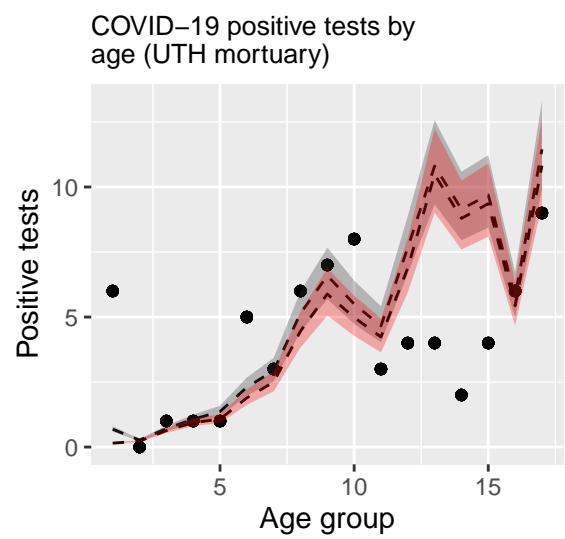
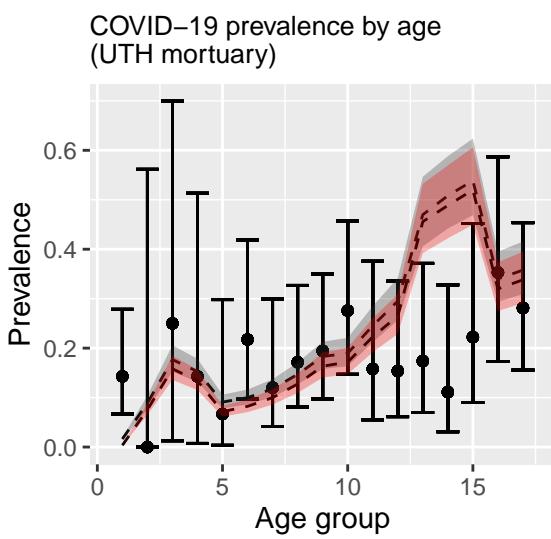
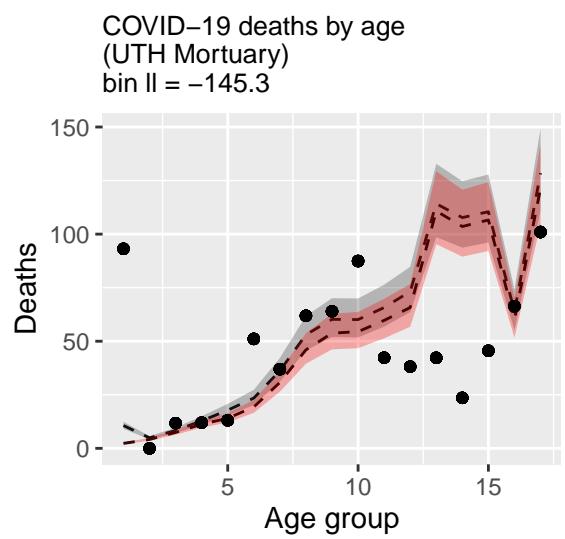
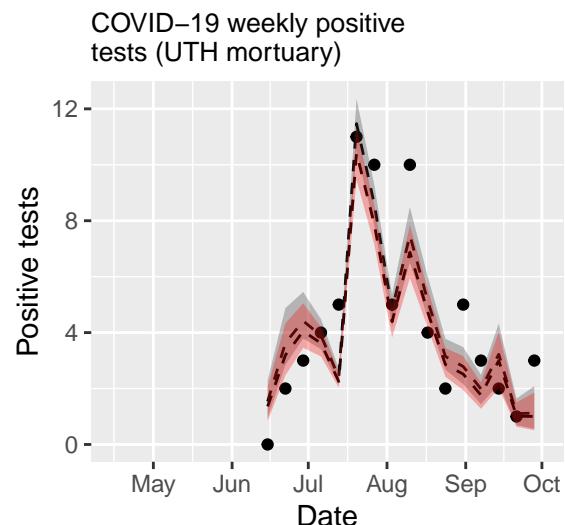
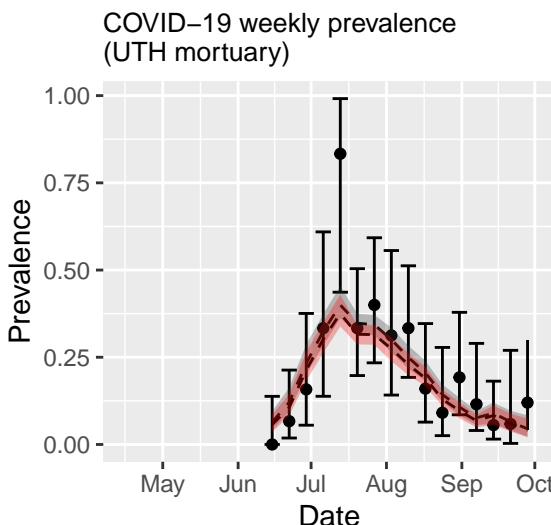
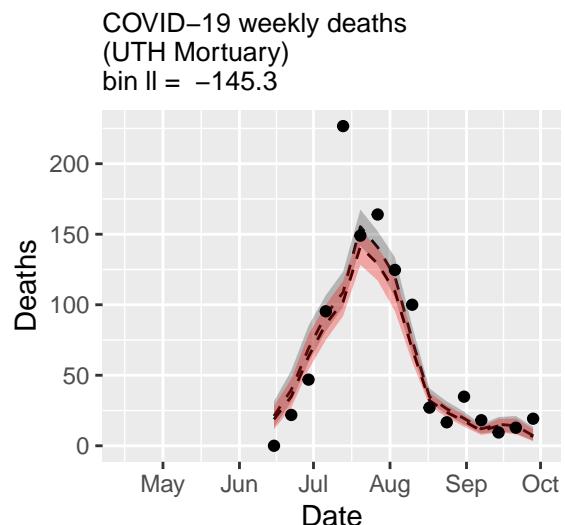


IFR x 1.6666666666666667, Slope x 1  
COVID-19 weekly deaths (Mortuary)  
pois II = -723.7



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

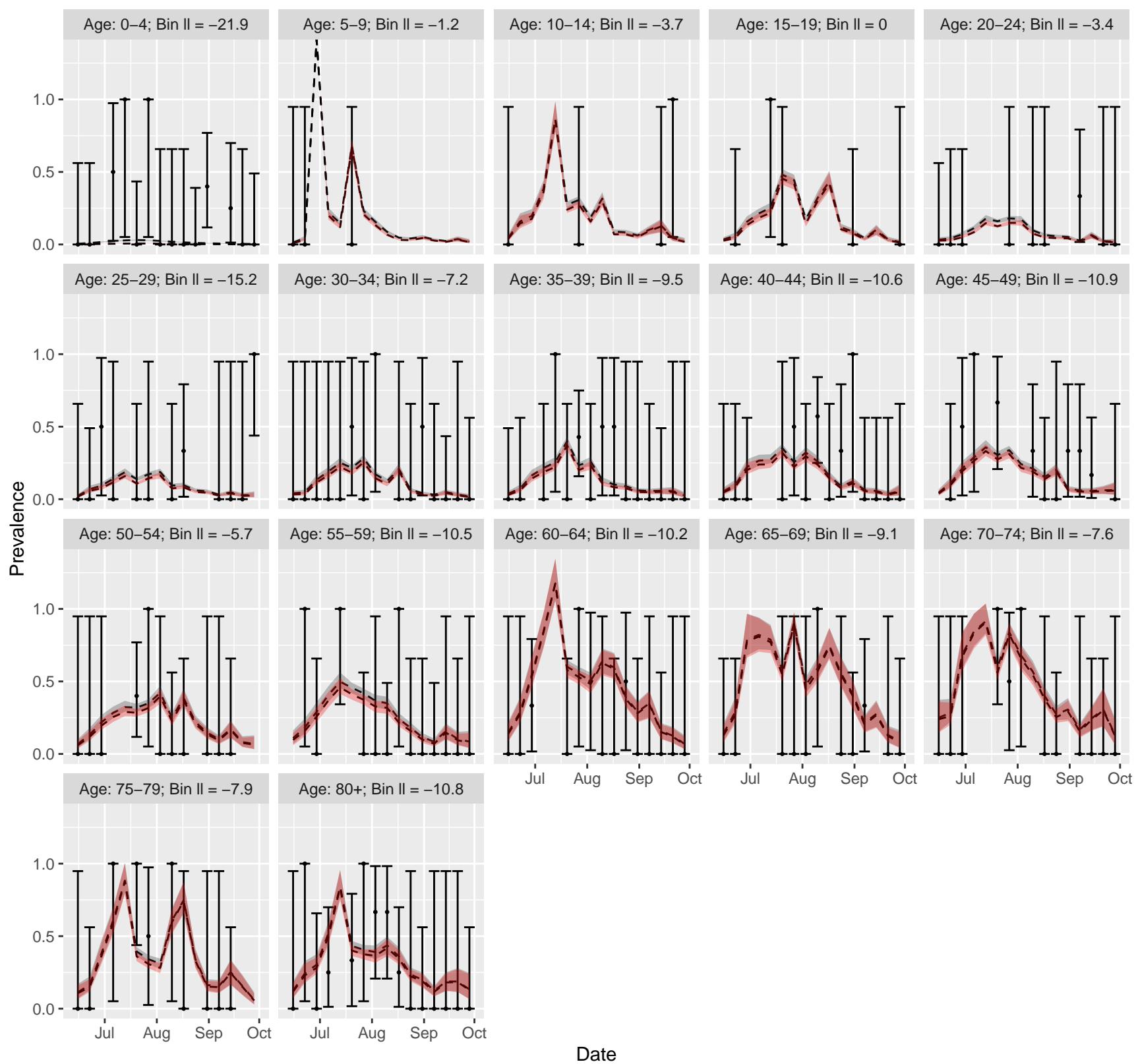




IFR x 2.5, Slope x 1

COVID-19 weekly prevalence (Mortuary)

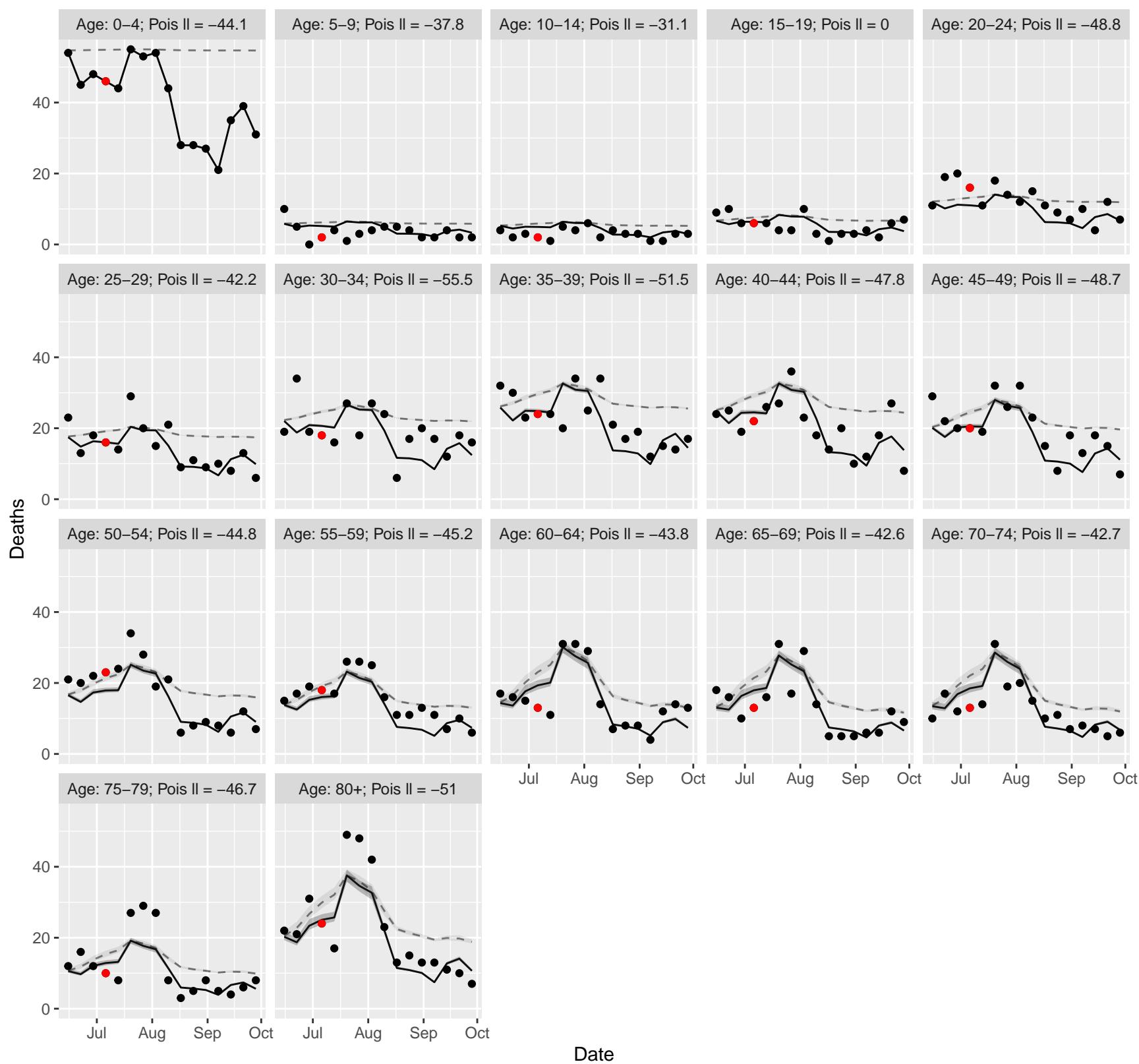
bin II = -145.3



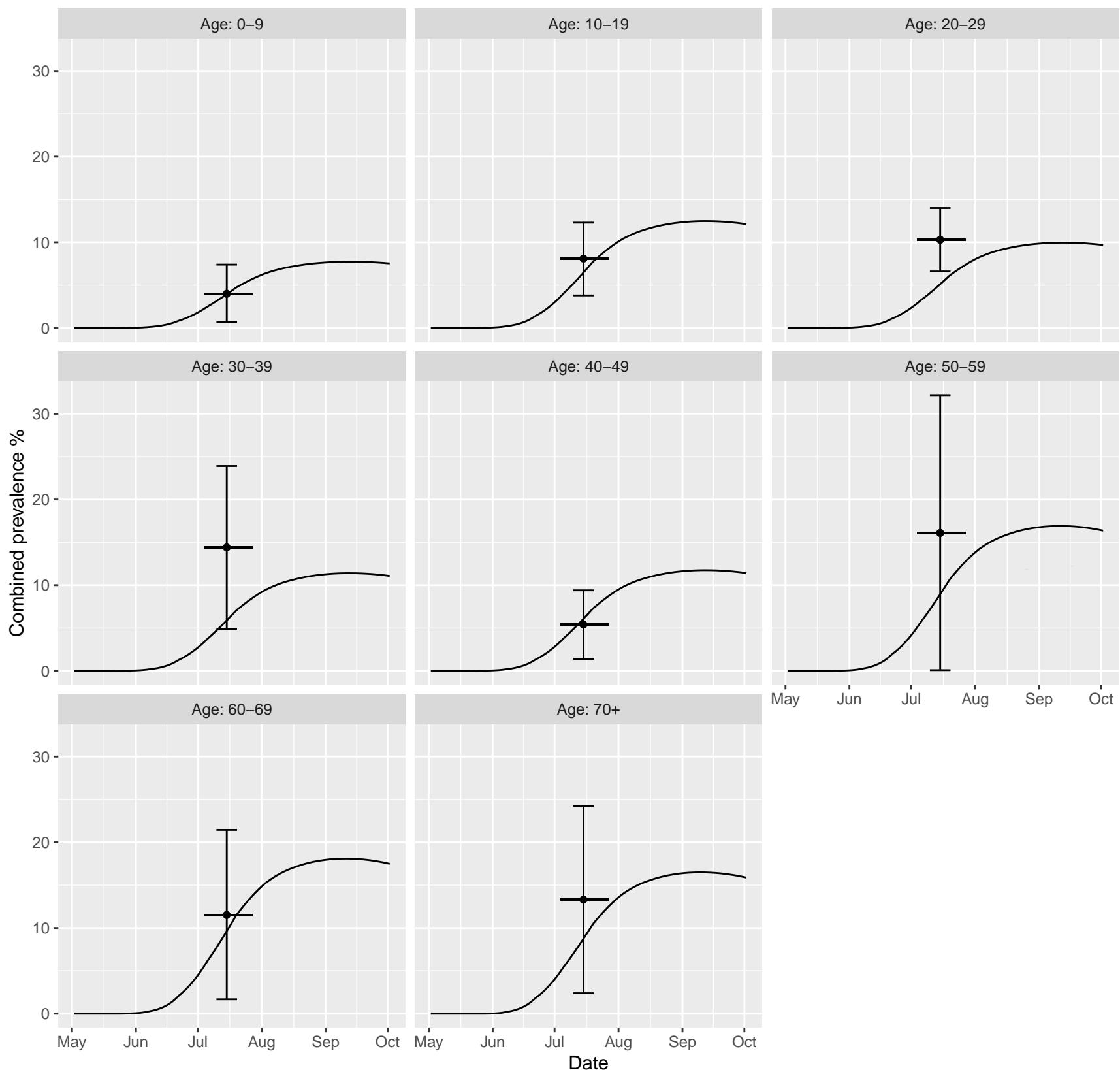
IFR x 2.5, Slope x 1

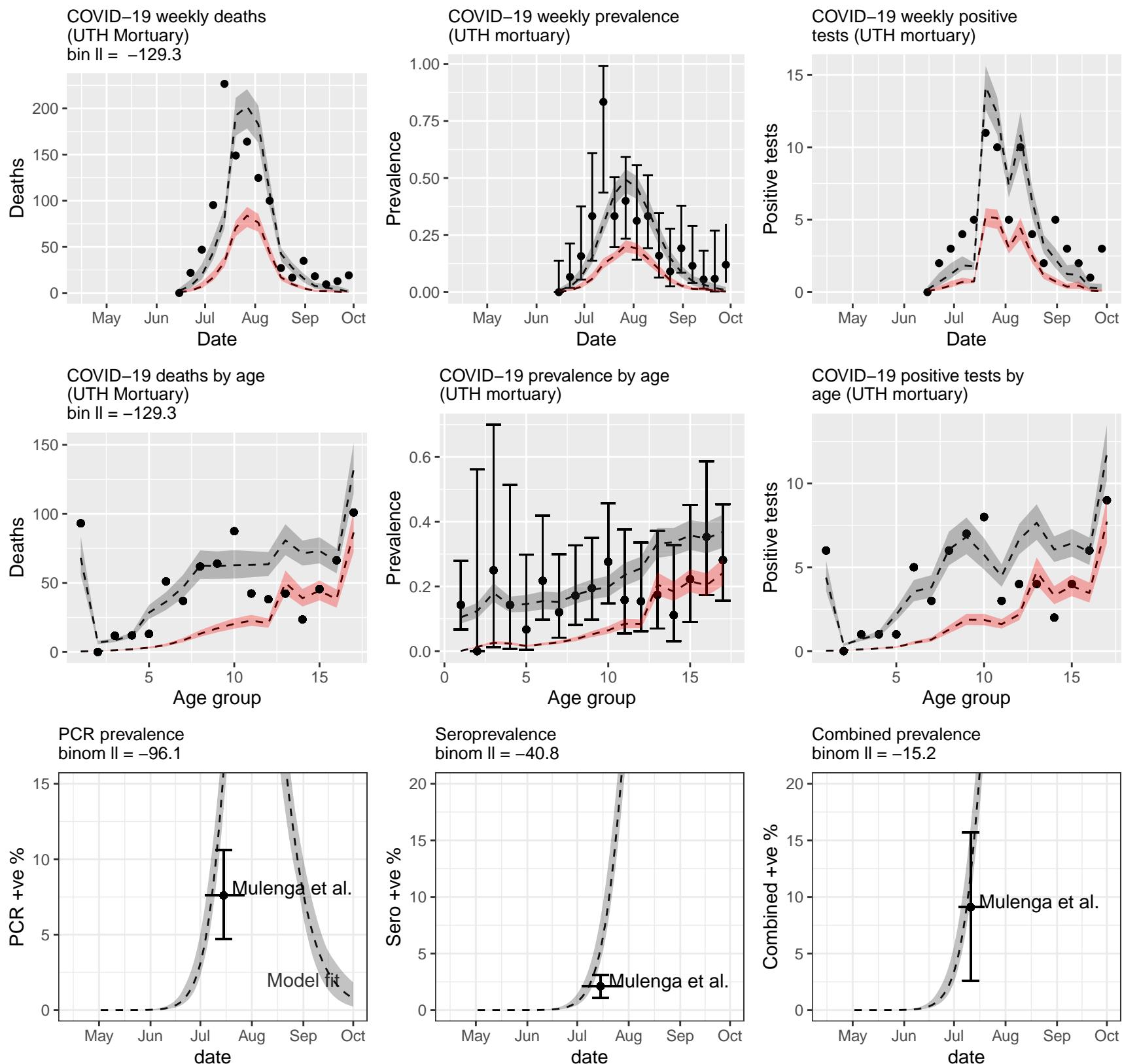
COVID-19 weekly deaths (Mortuary)

pois II = -724.4



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

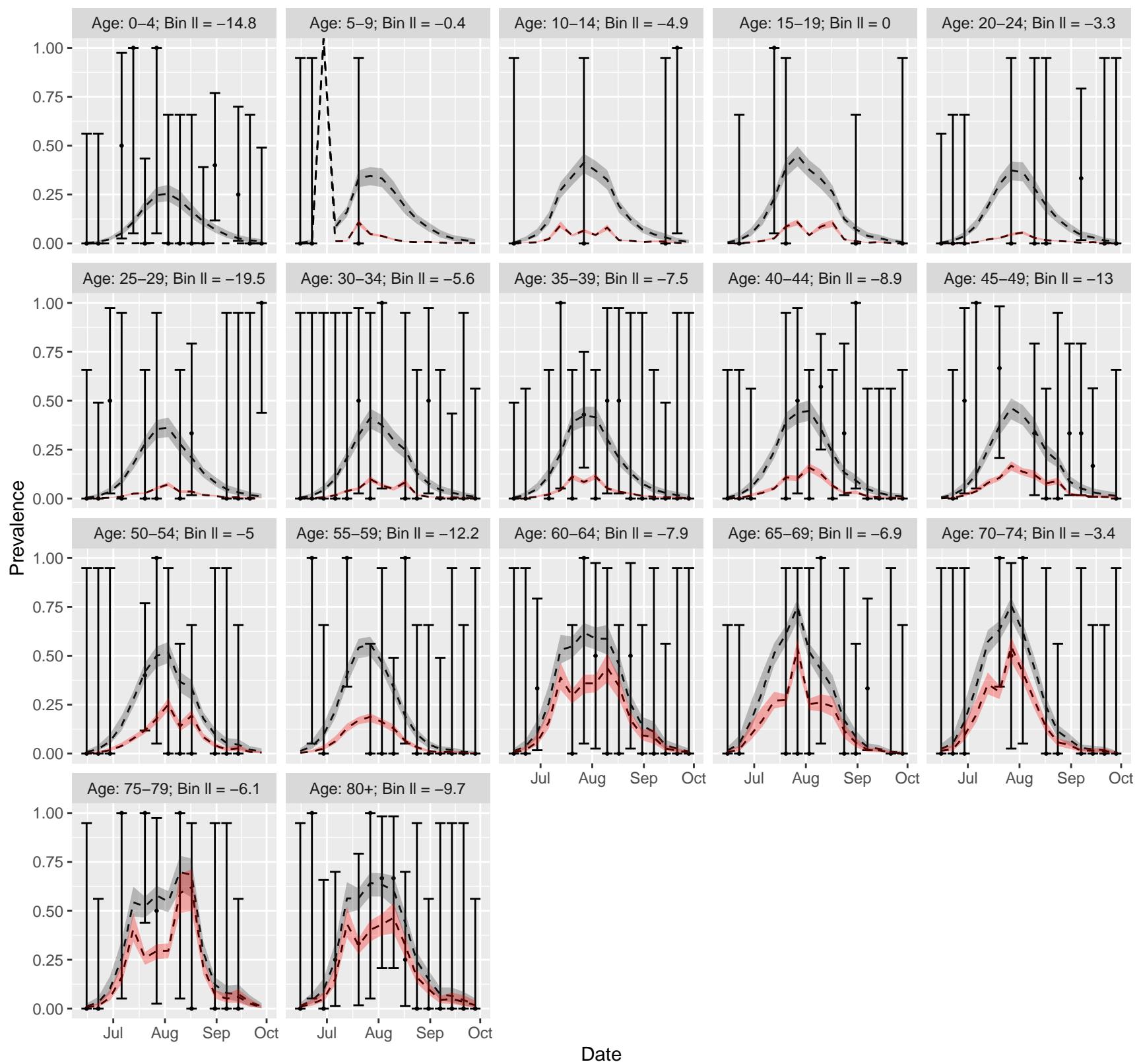




IFR x 0.2, Slope x 1.25

COVID-19 weekly prevalence (Mortuary)

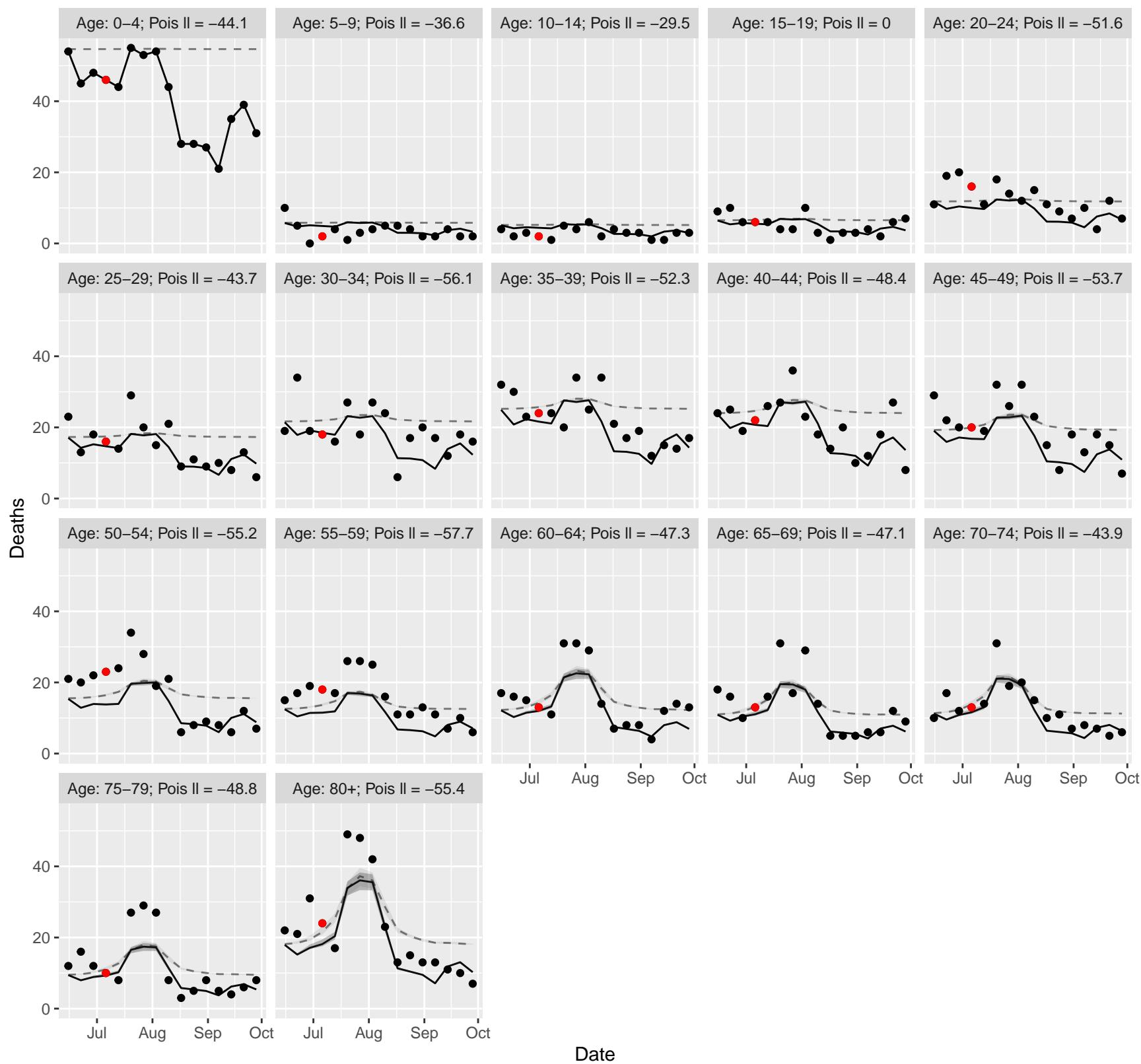
bin II = -129.3



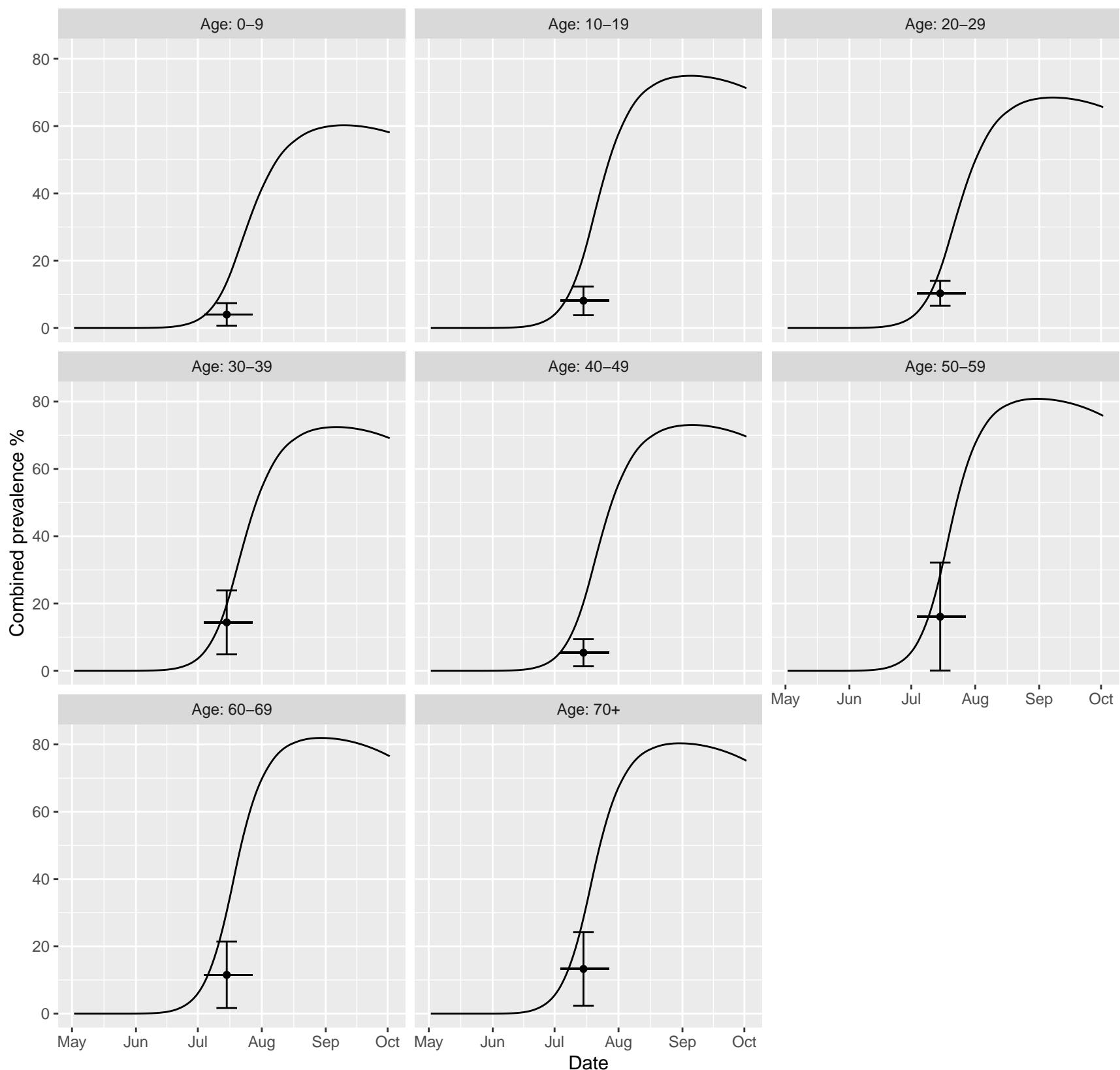
IFR x 0.2, Slope x 1.25

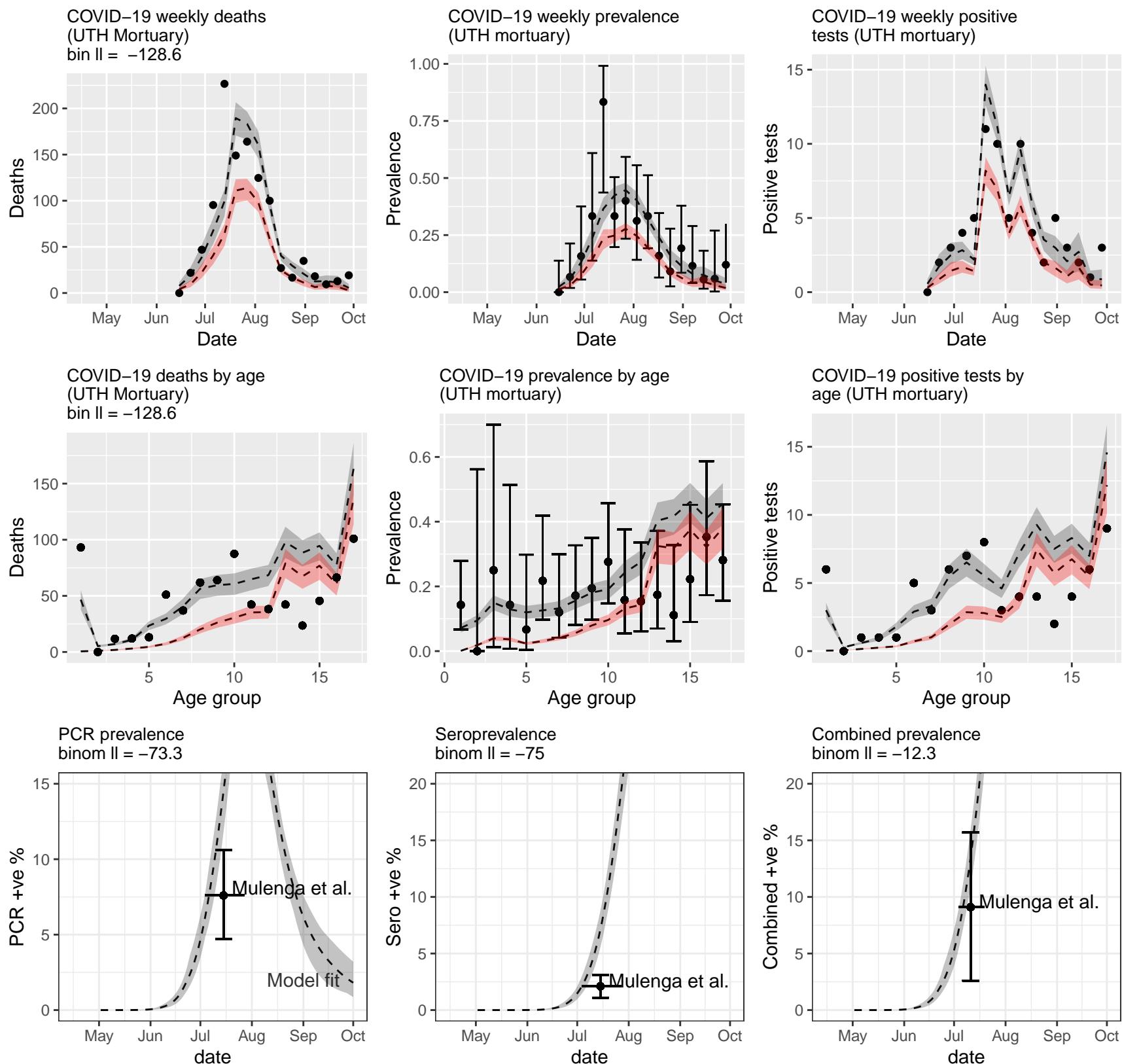
COVID-19 weekly deaths (Mortuary)

pois II = -771.2



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

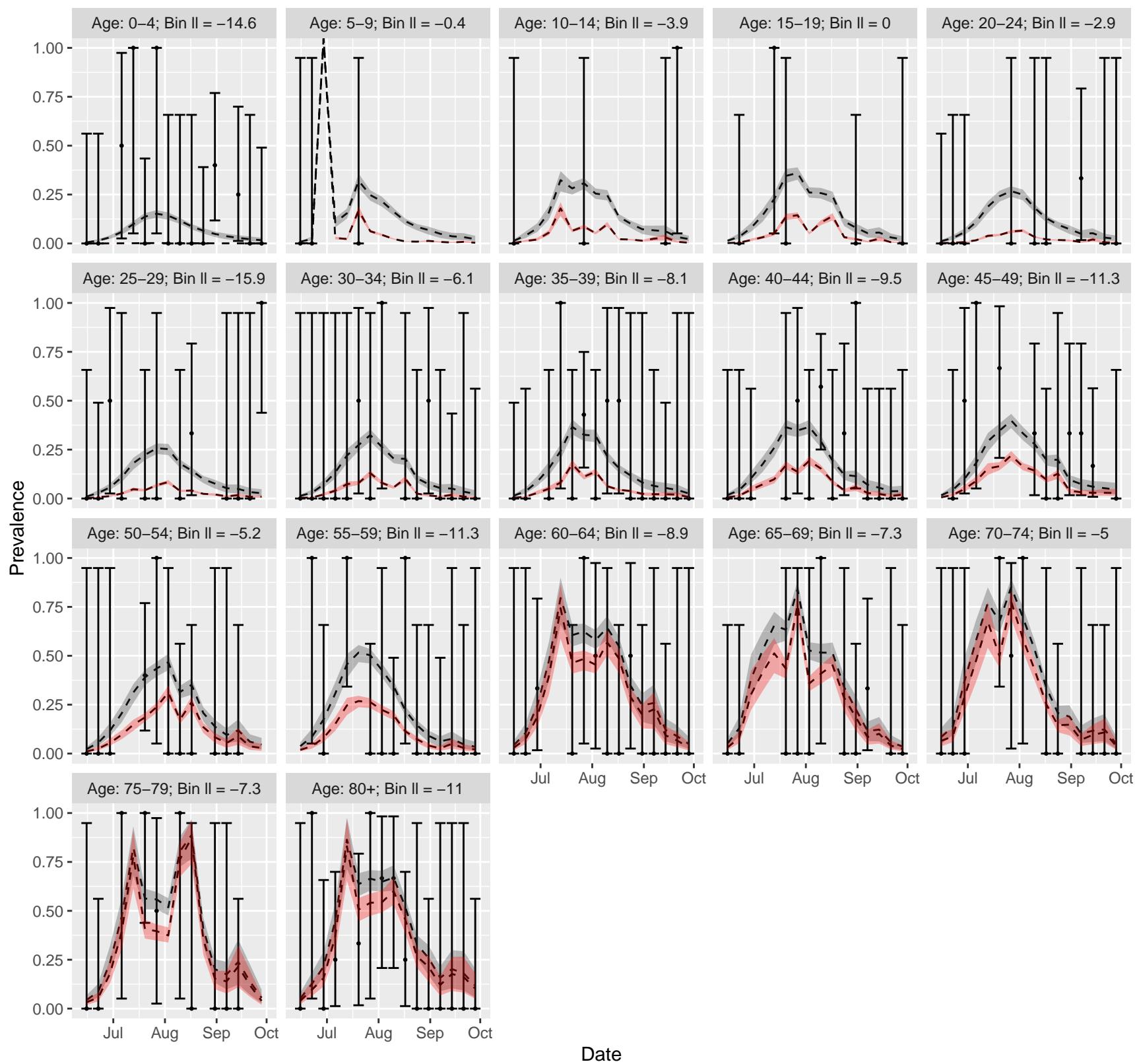




IFR x 0.4, Slope x 1.25

COVID-19 weekly prevalence (Mortuary)

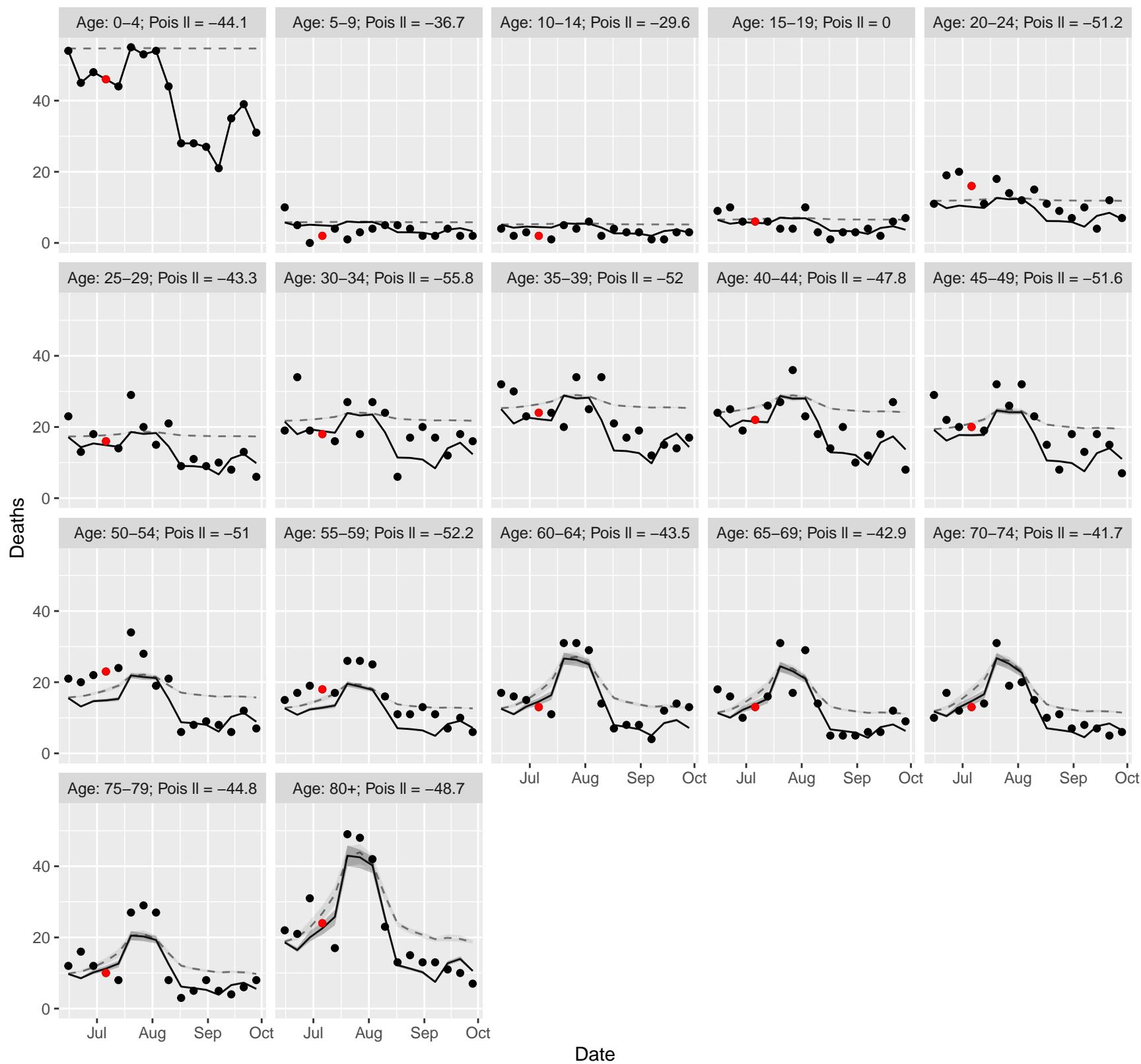
bin II = -128.6



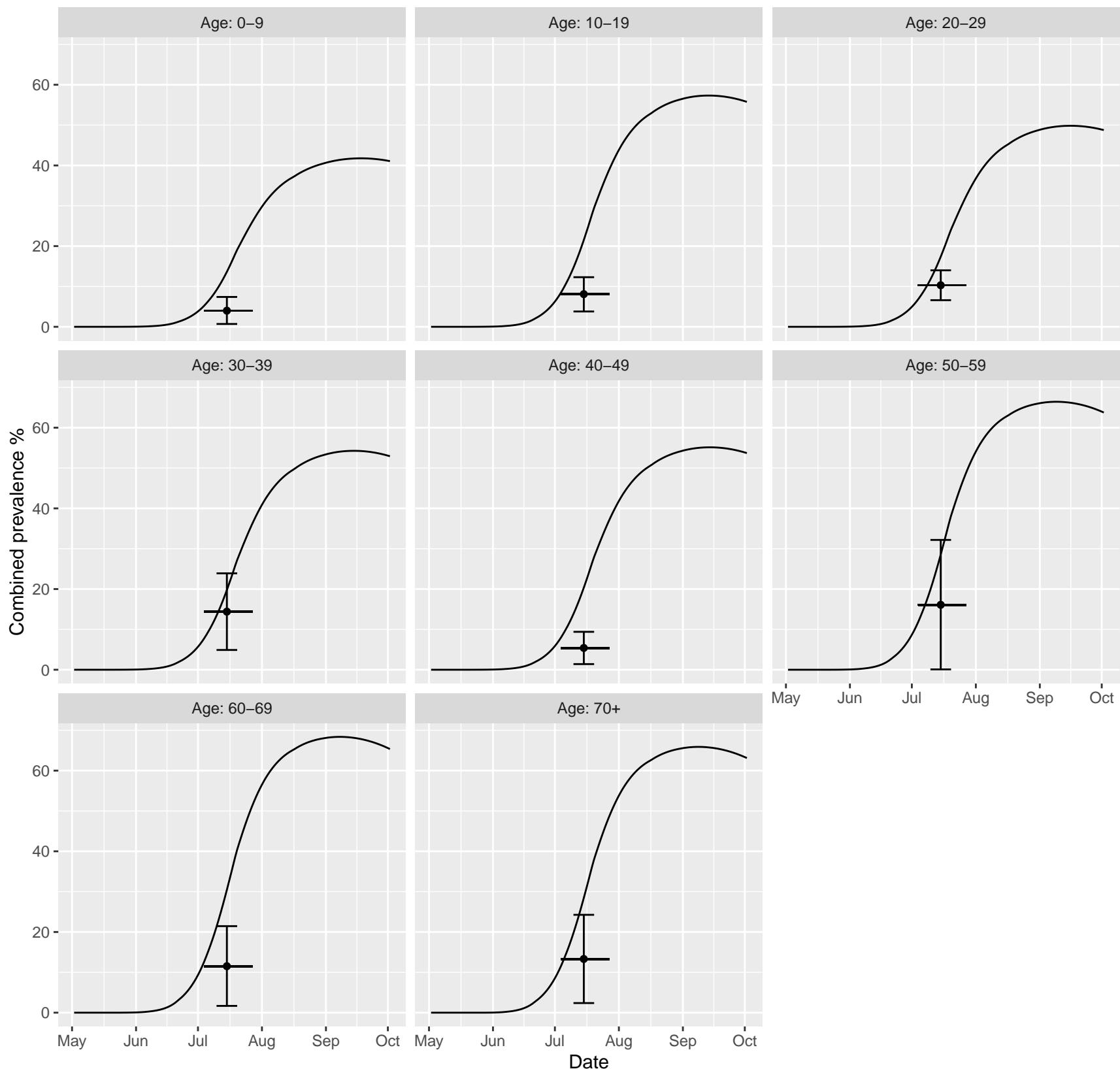
IFR x 0.4, Slope x 1.25

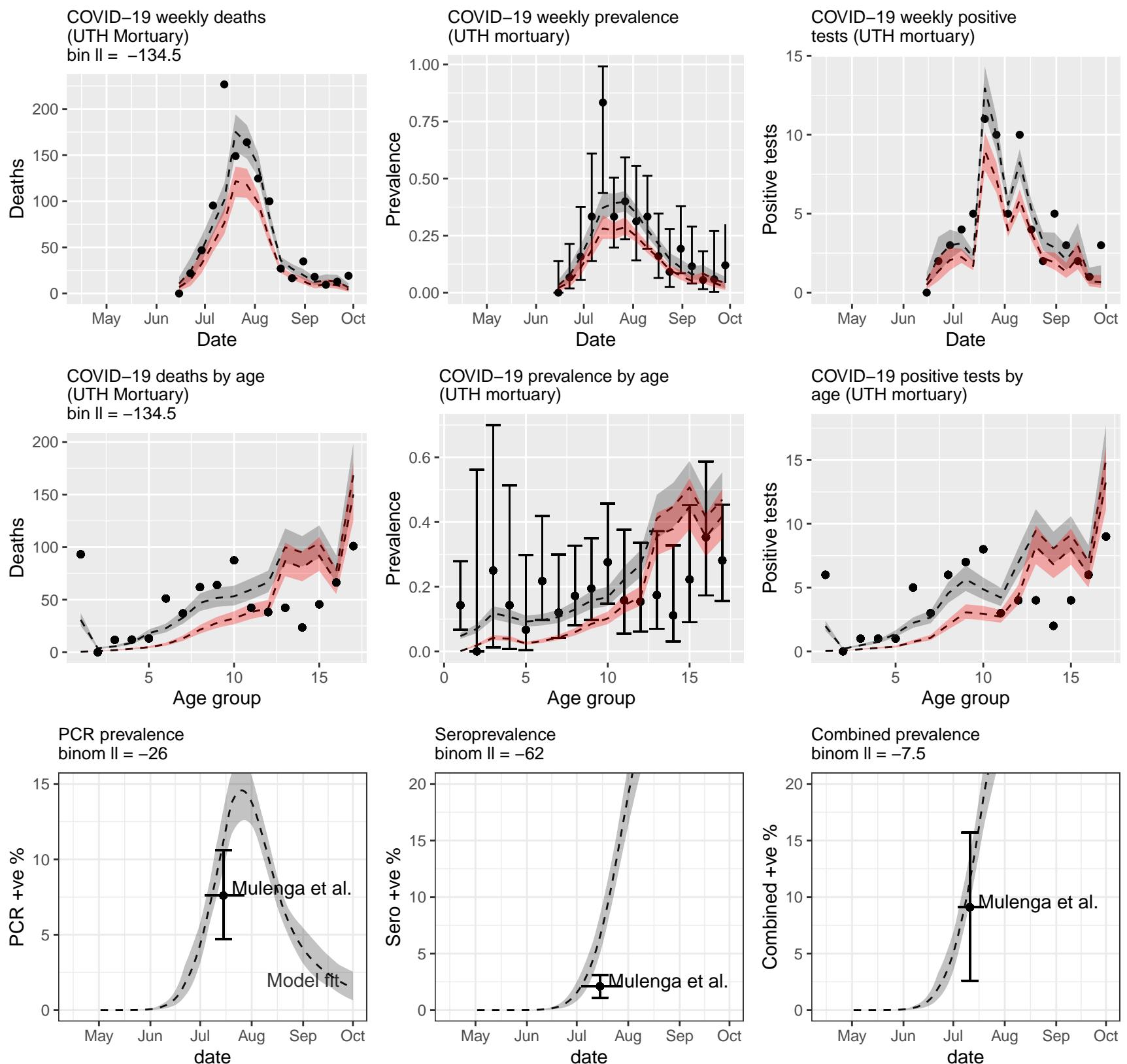
COVID-19 weekly deaths (Mortuary)

pois II = -736.9



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

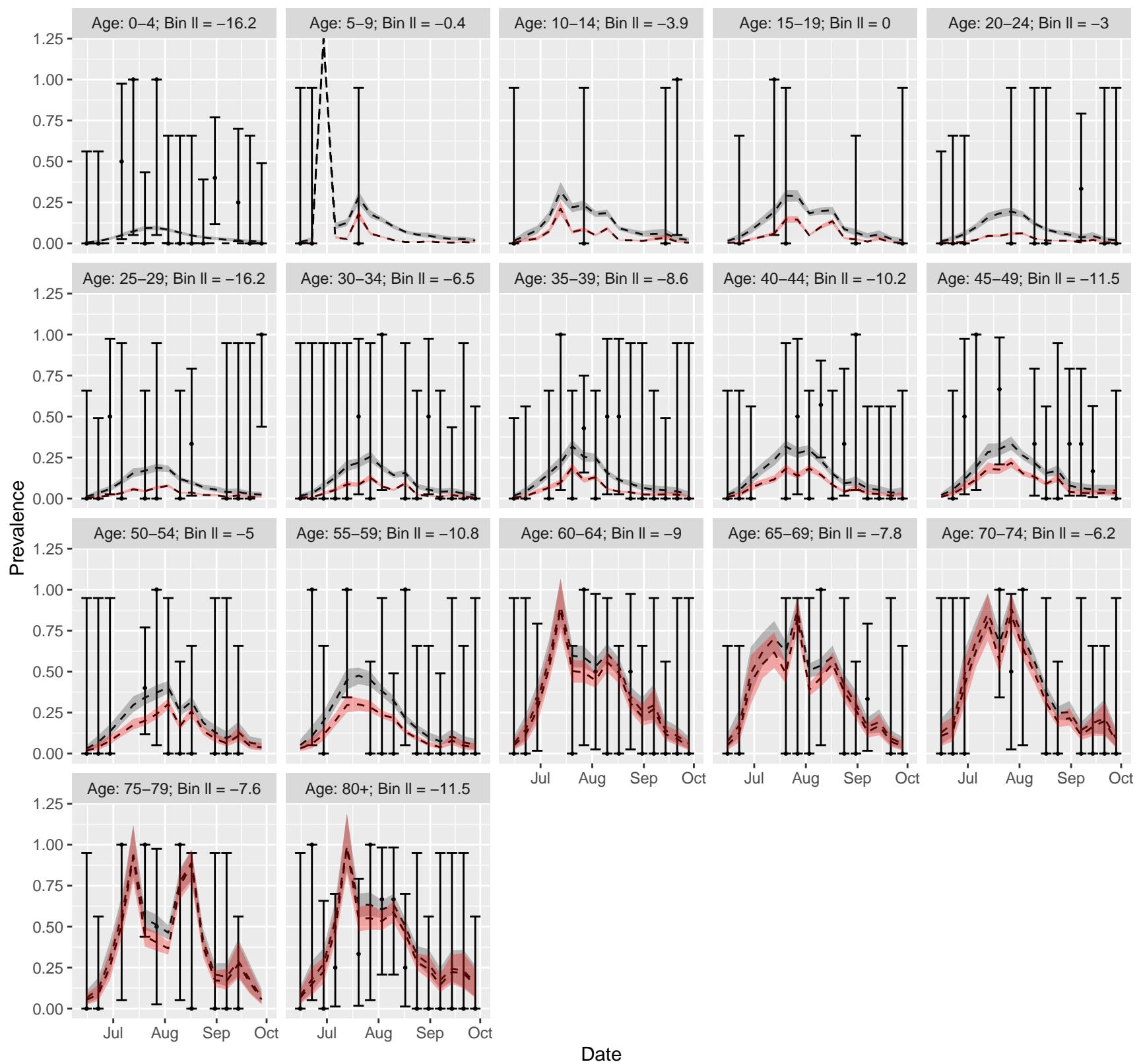




IFR x 0.6, Slope x 1.25

COVID-19 weekly prevalence (Mortuary)

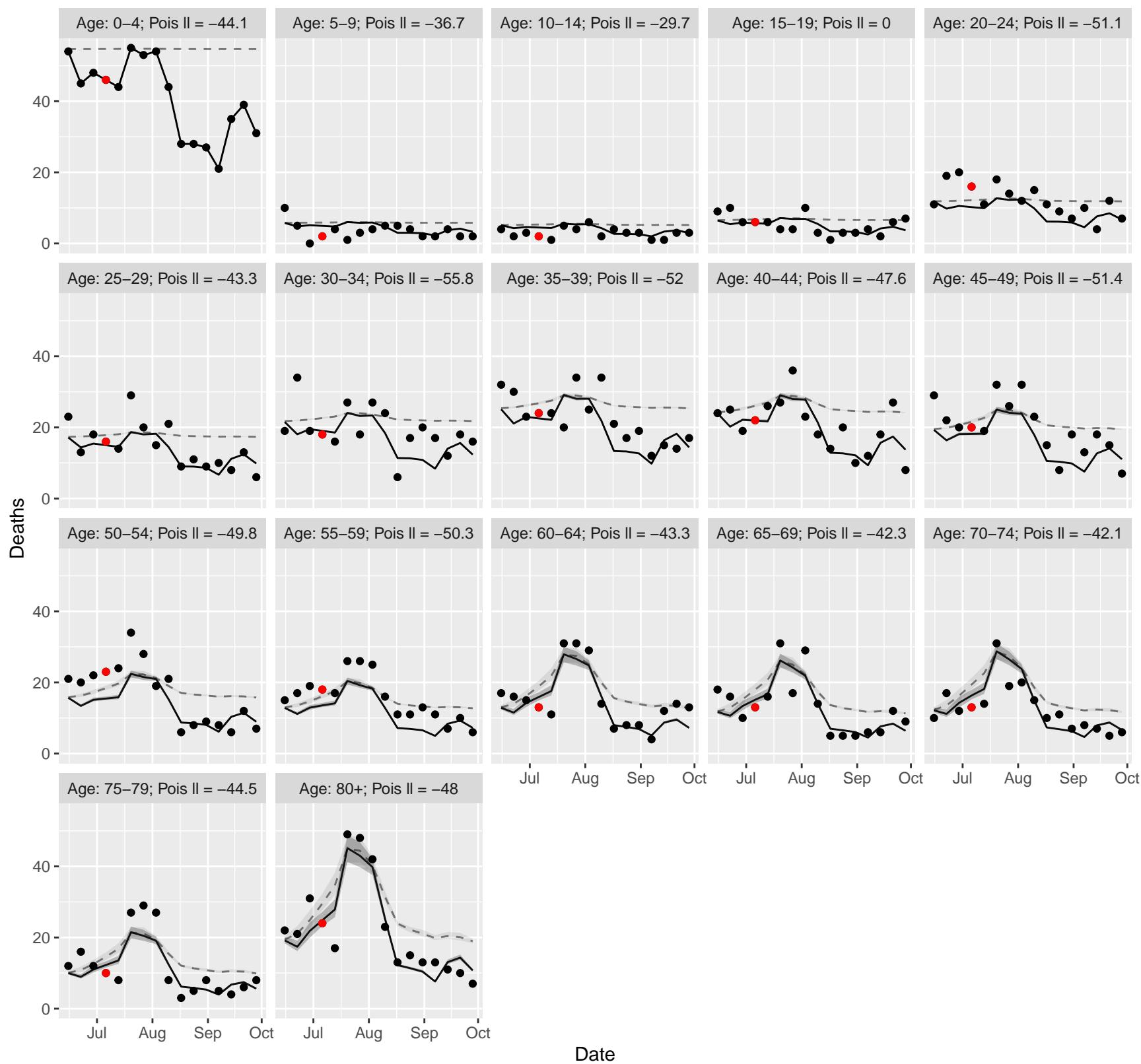
bin II = -134.5



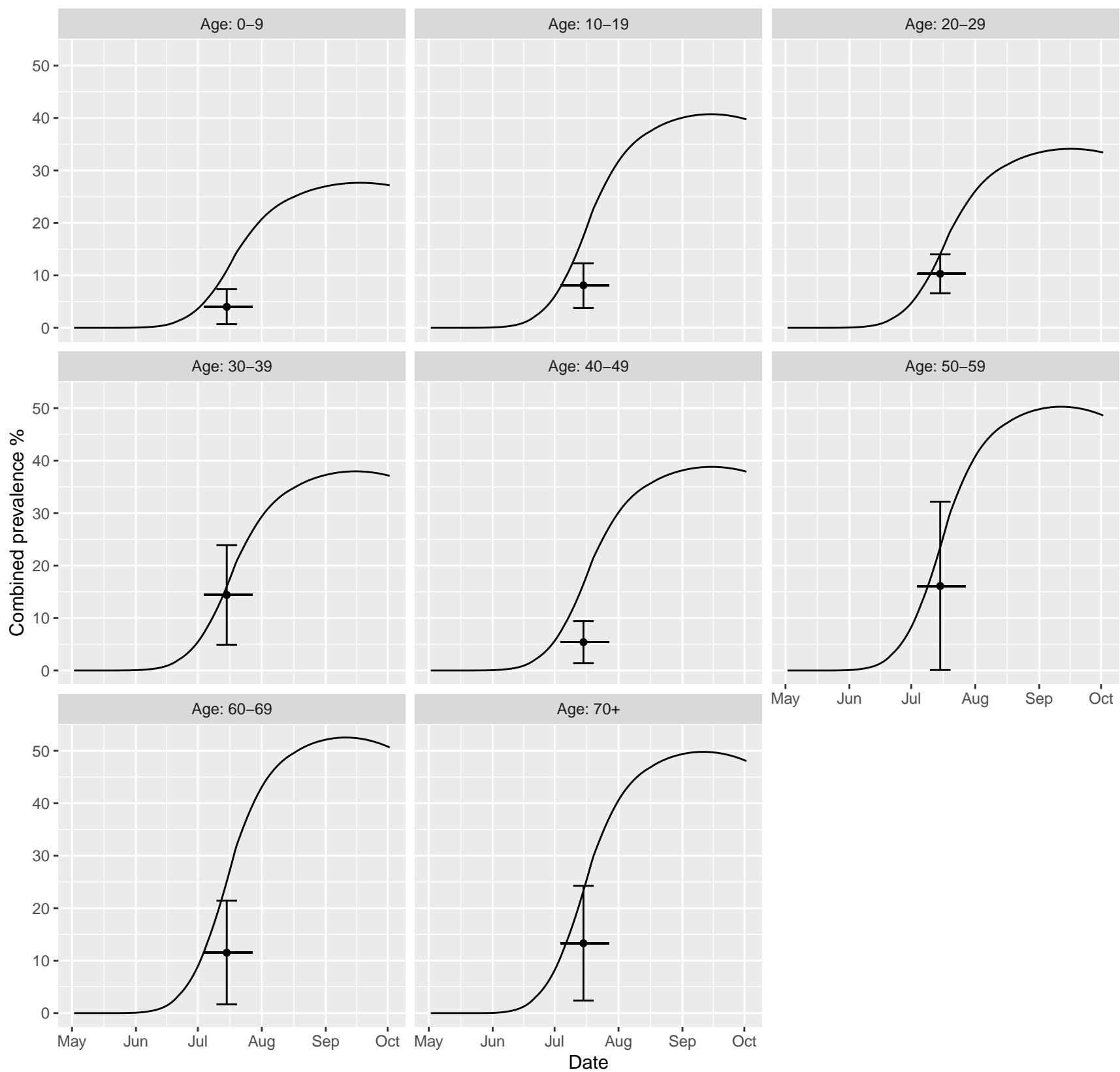
IFR x 0.6, Slope x 1.25

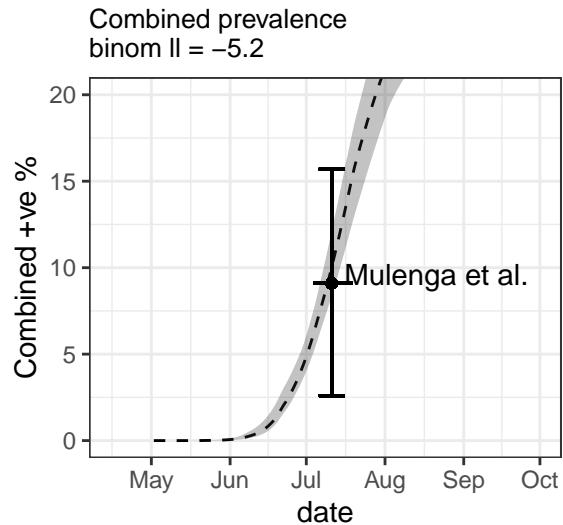
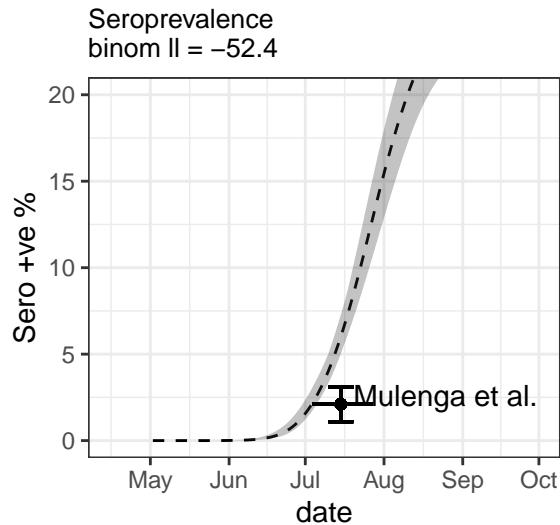
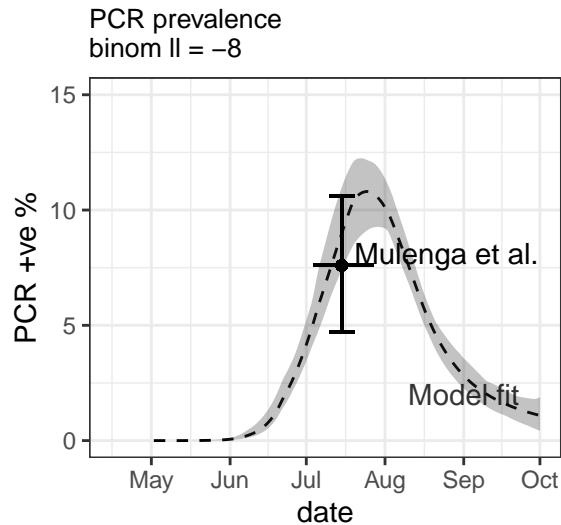
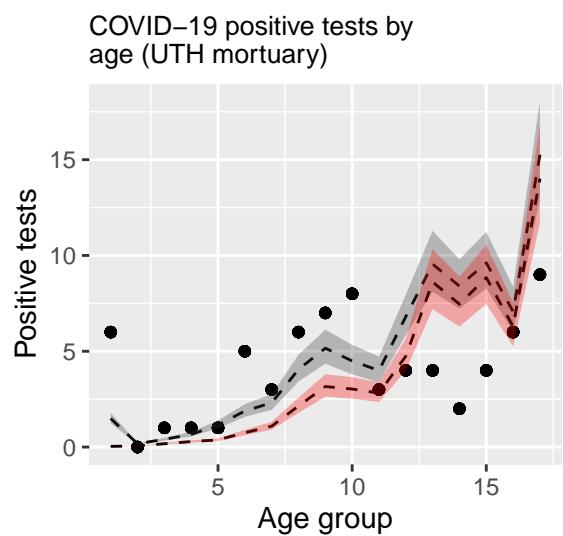
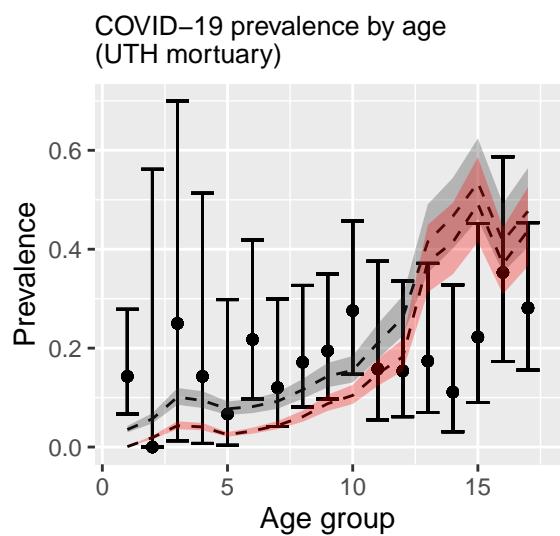
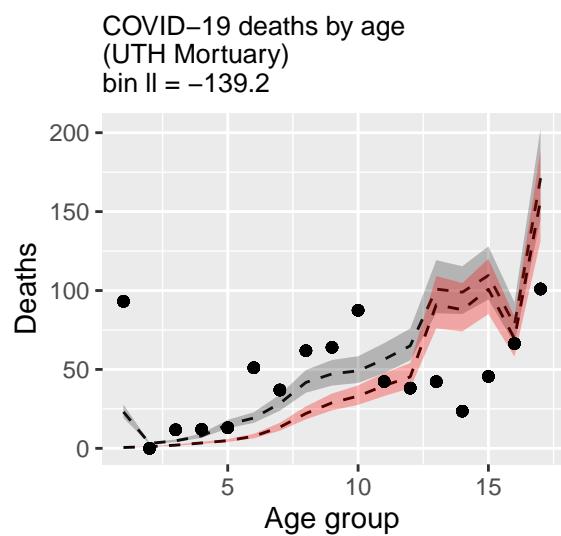
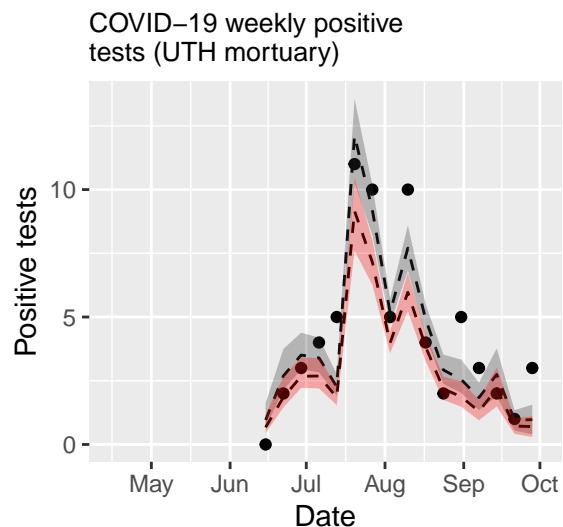
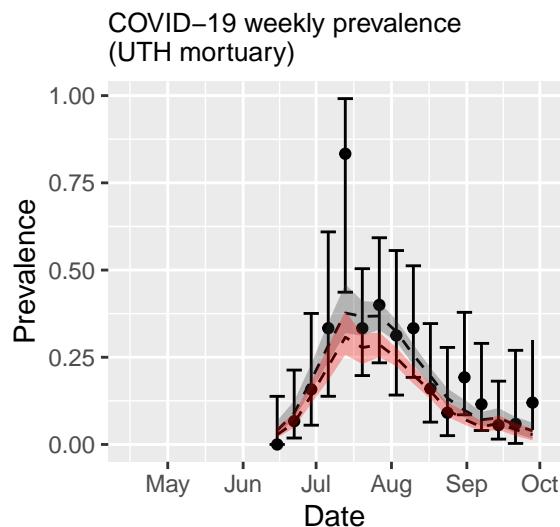
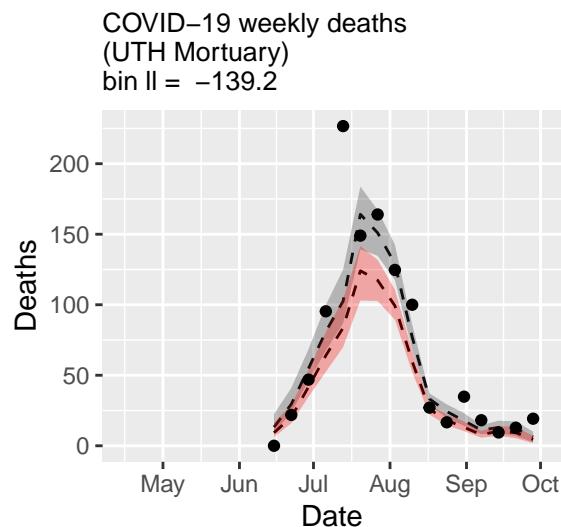
COVID-19 weekly deaths (Mortuary)

pois II = -732.1



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

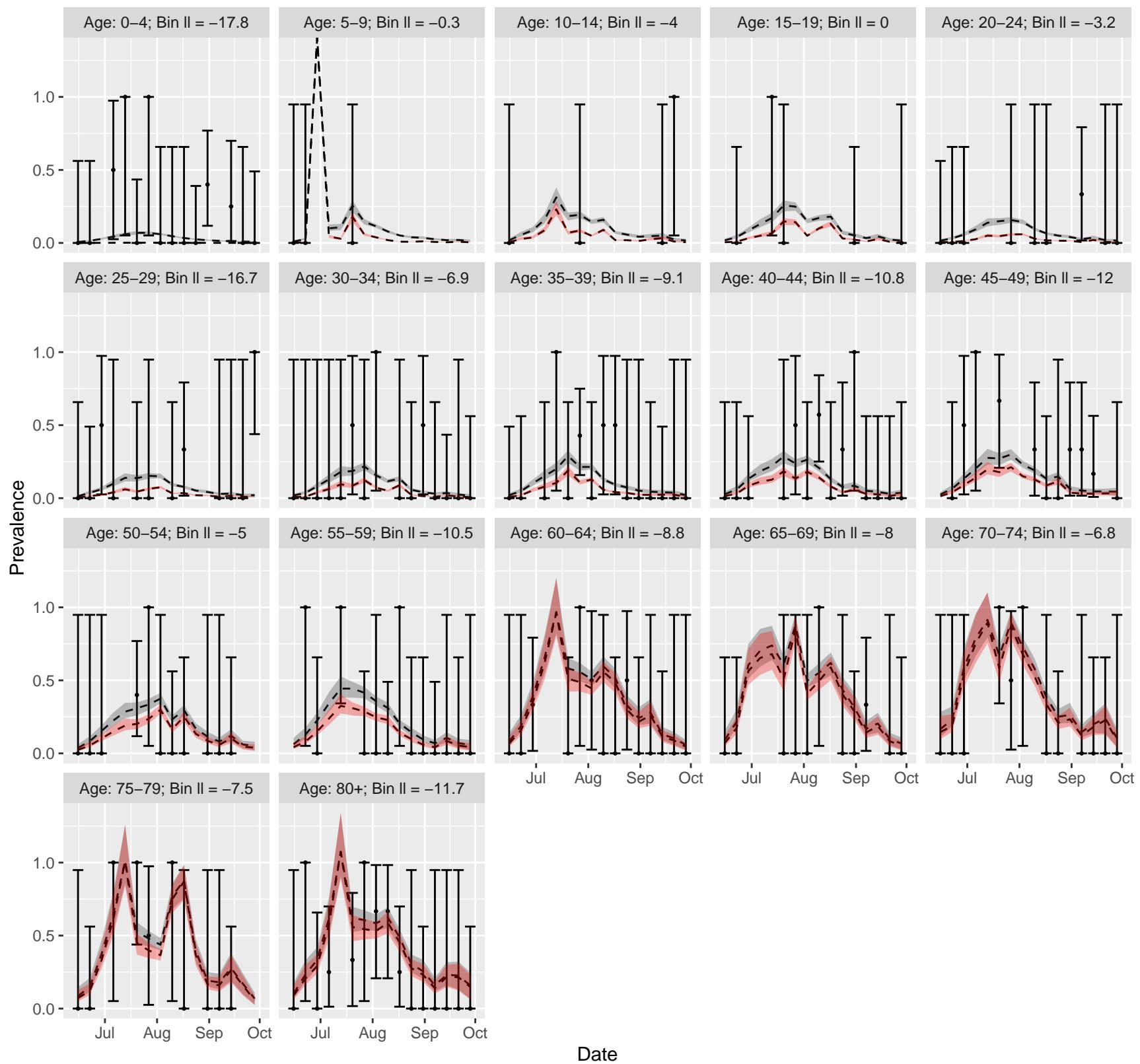




IFR x 0.8, Slope x 1.25

COVID-19 weekly prevalence (Mortuary)

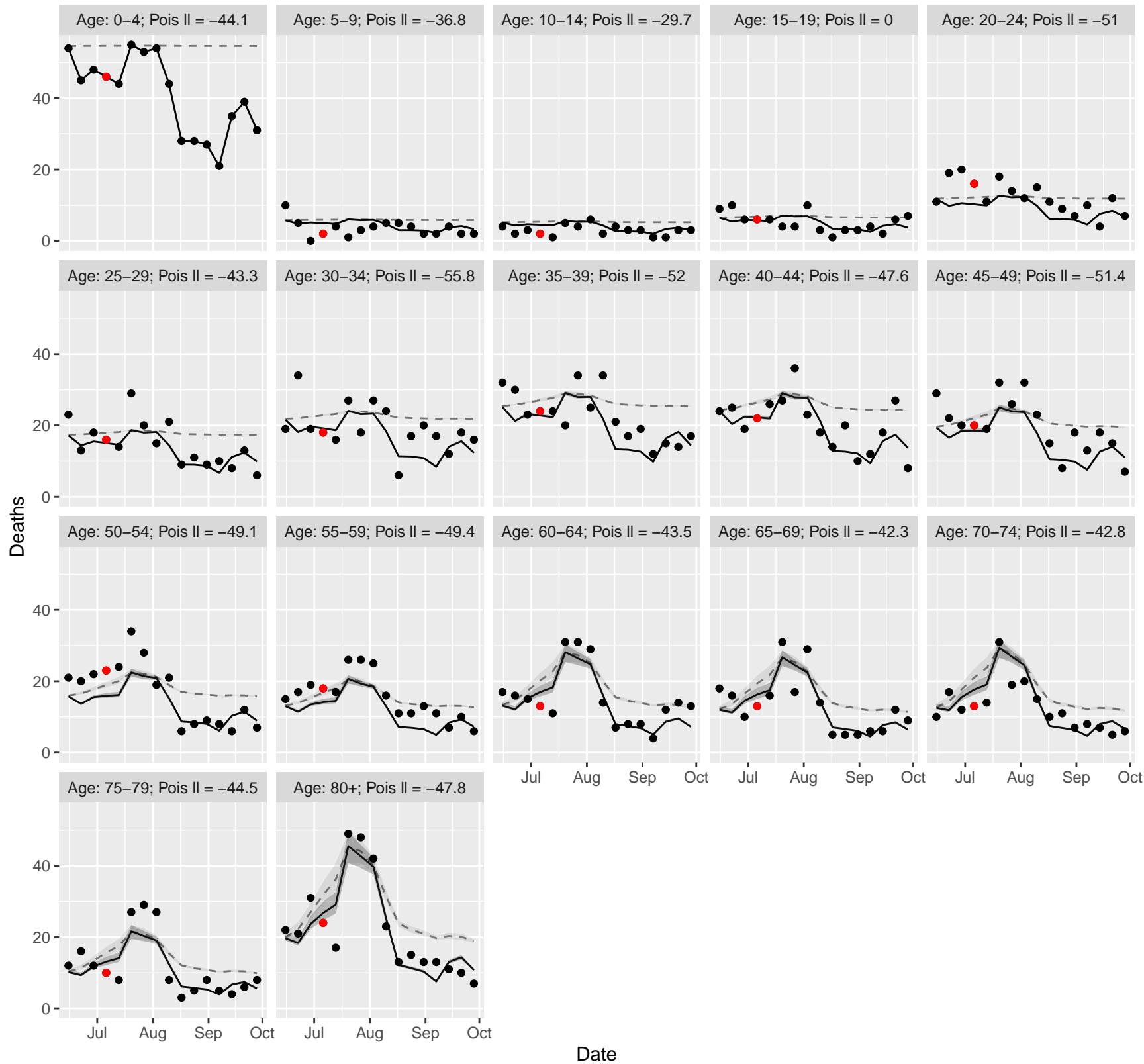
bin II = -139.2



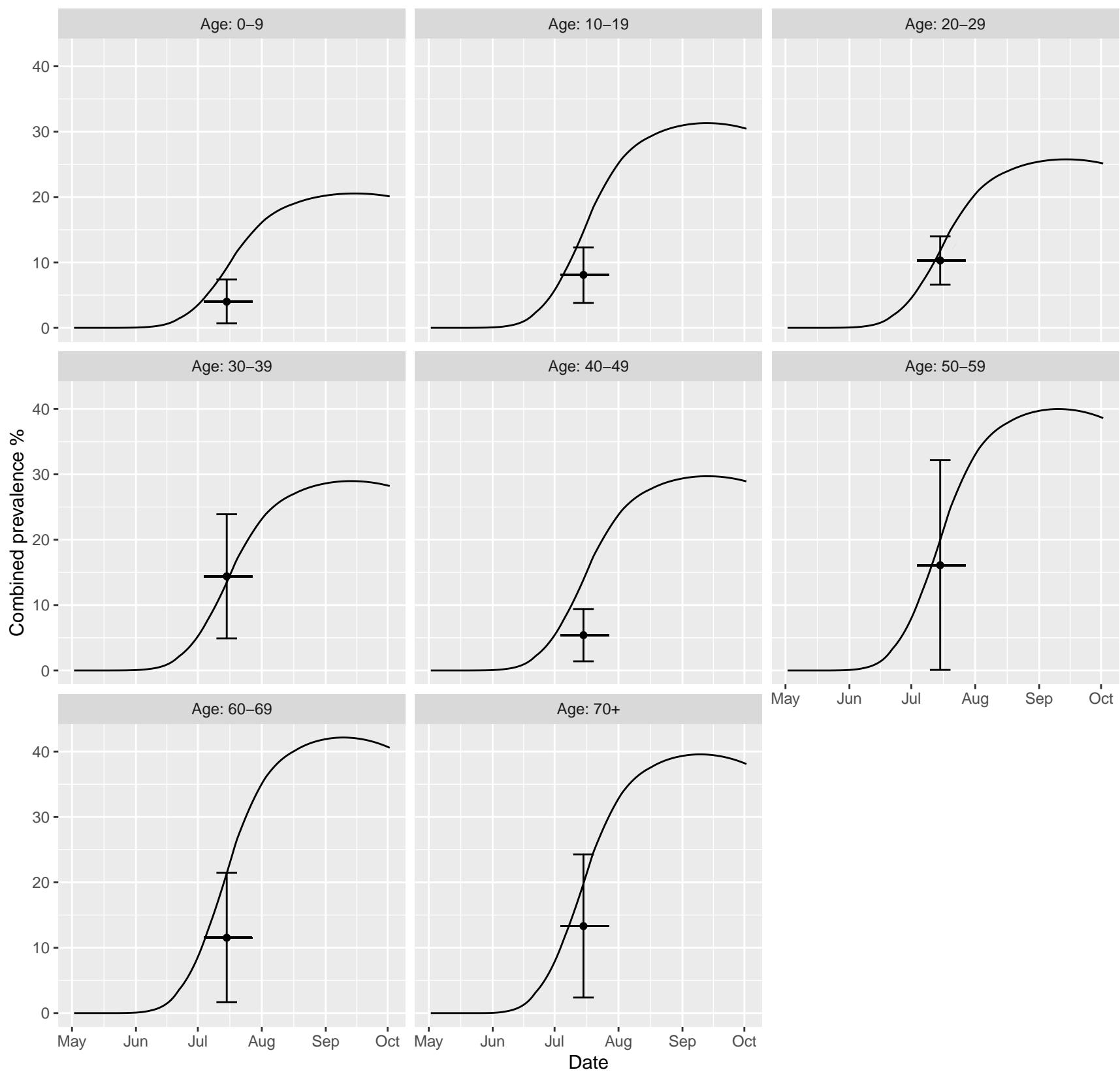
IFR x 0.8, Slope x 1.25

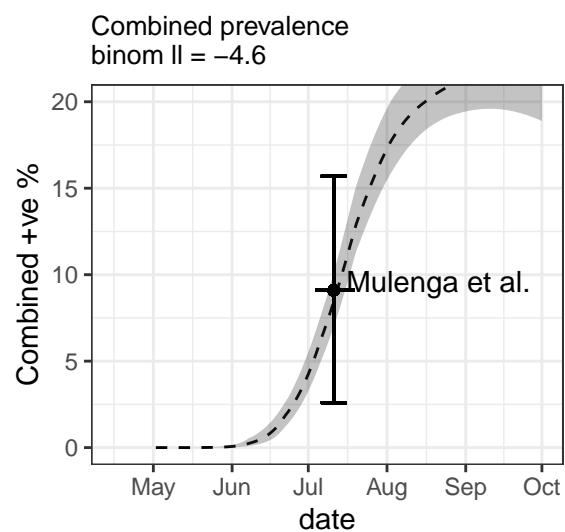
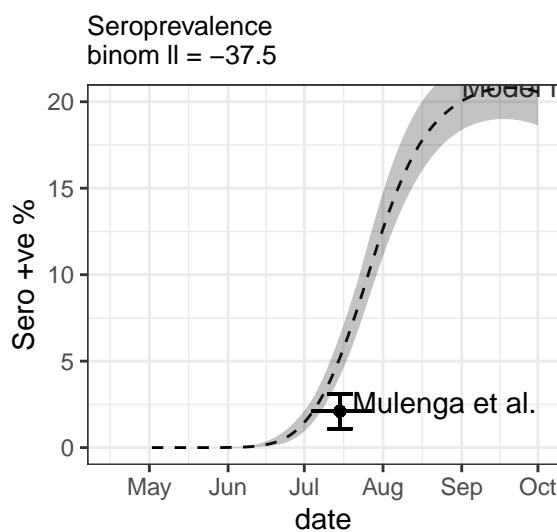
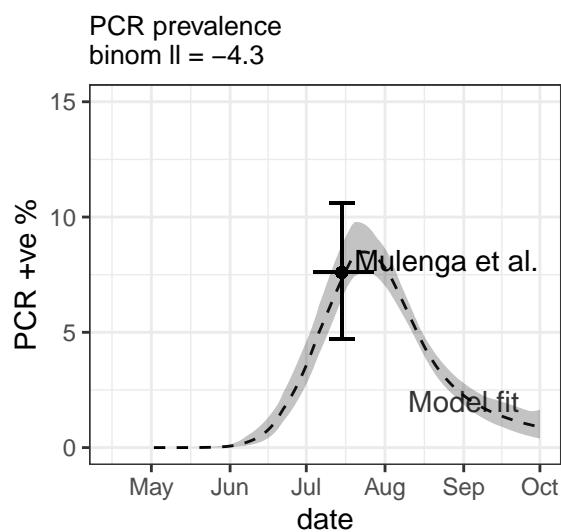
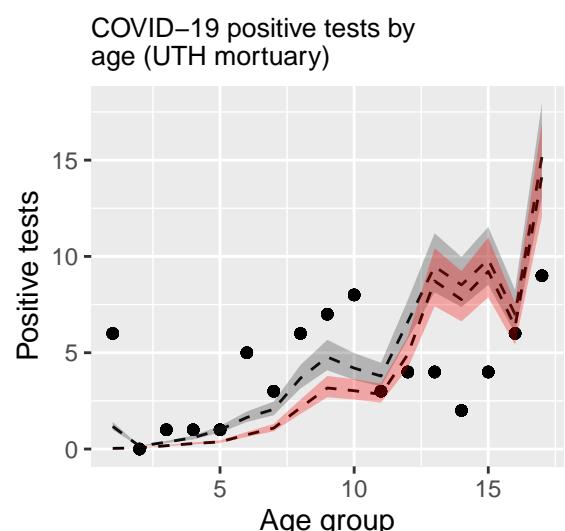
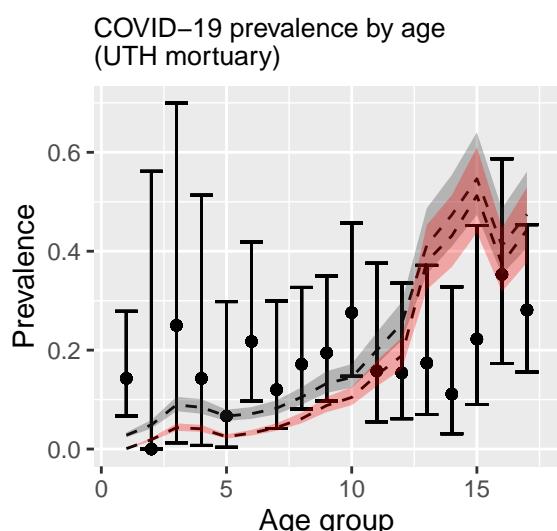
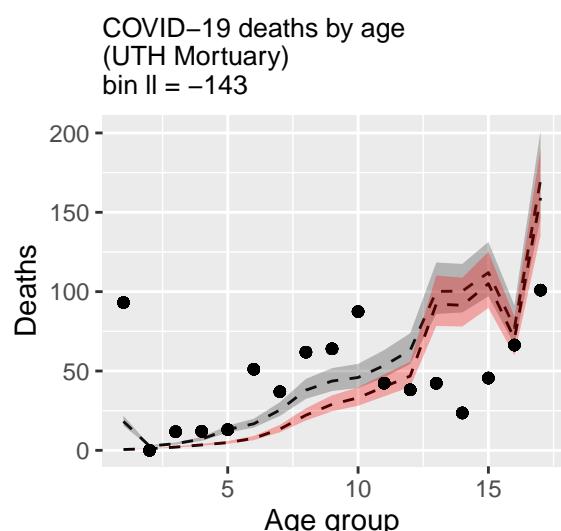
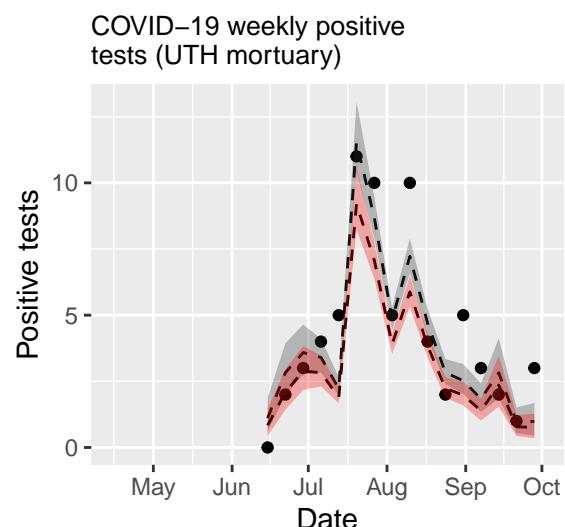
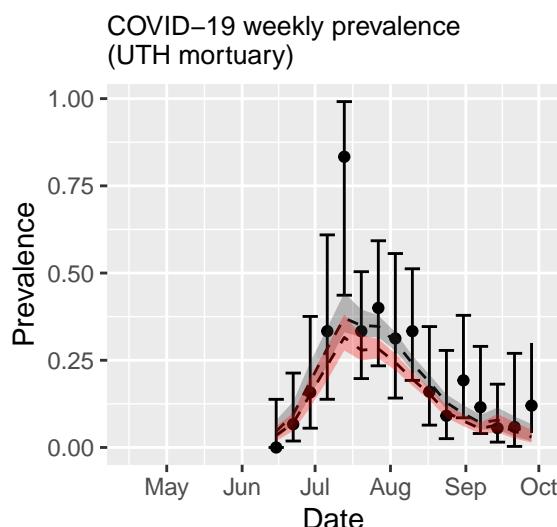
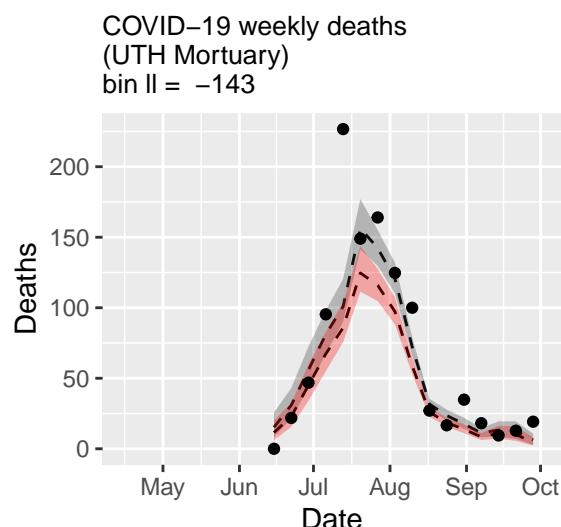
COVID-19 weekly deaths (Mortuary)

pois II = -730.9



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

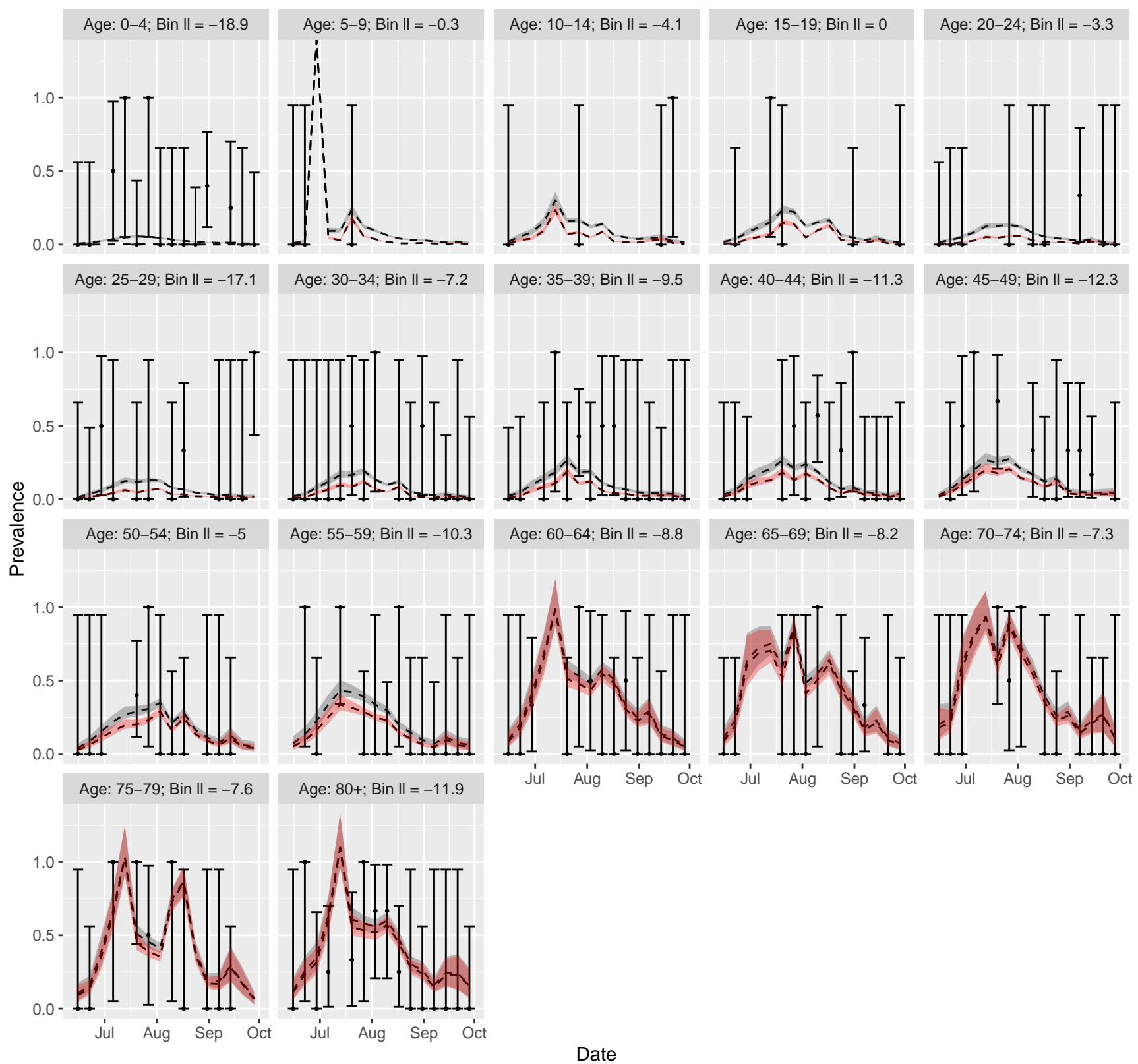




IFR x 1, Slope x 1.25

COVID-19 weekly prevalence (Mortuary)

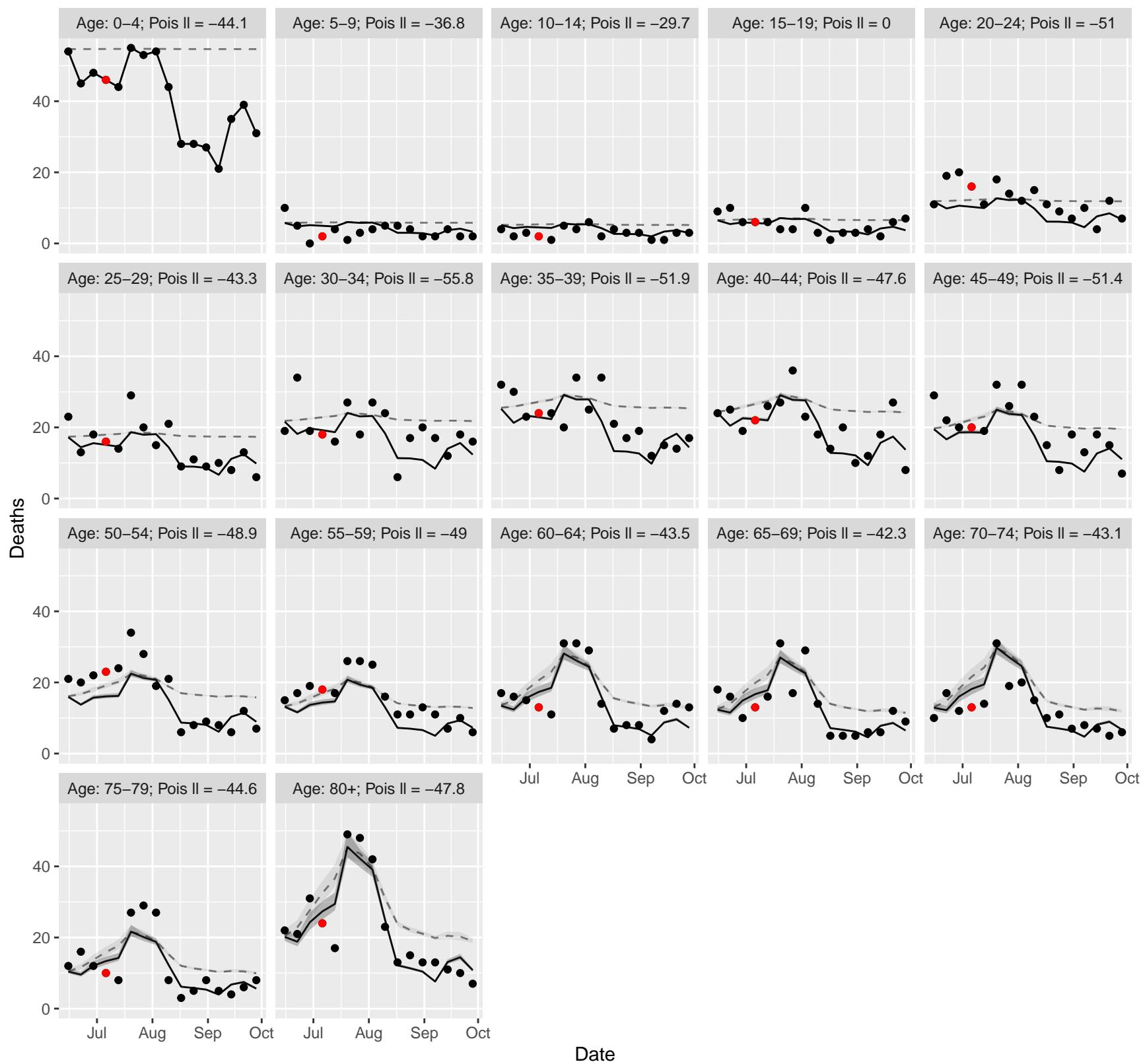
bin II = -143



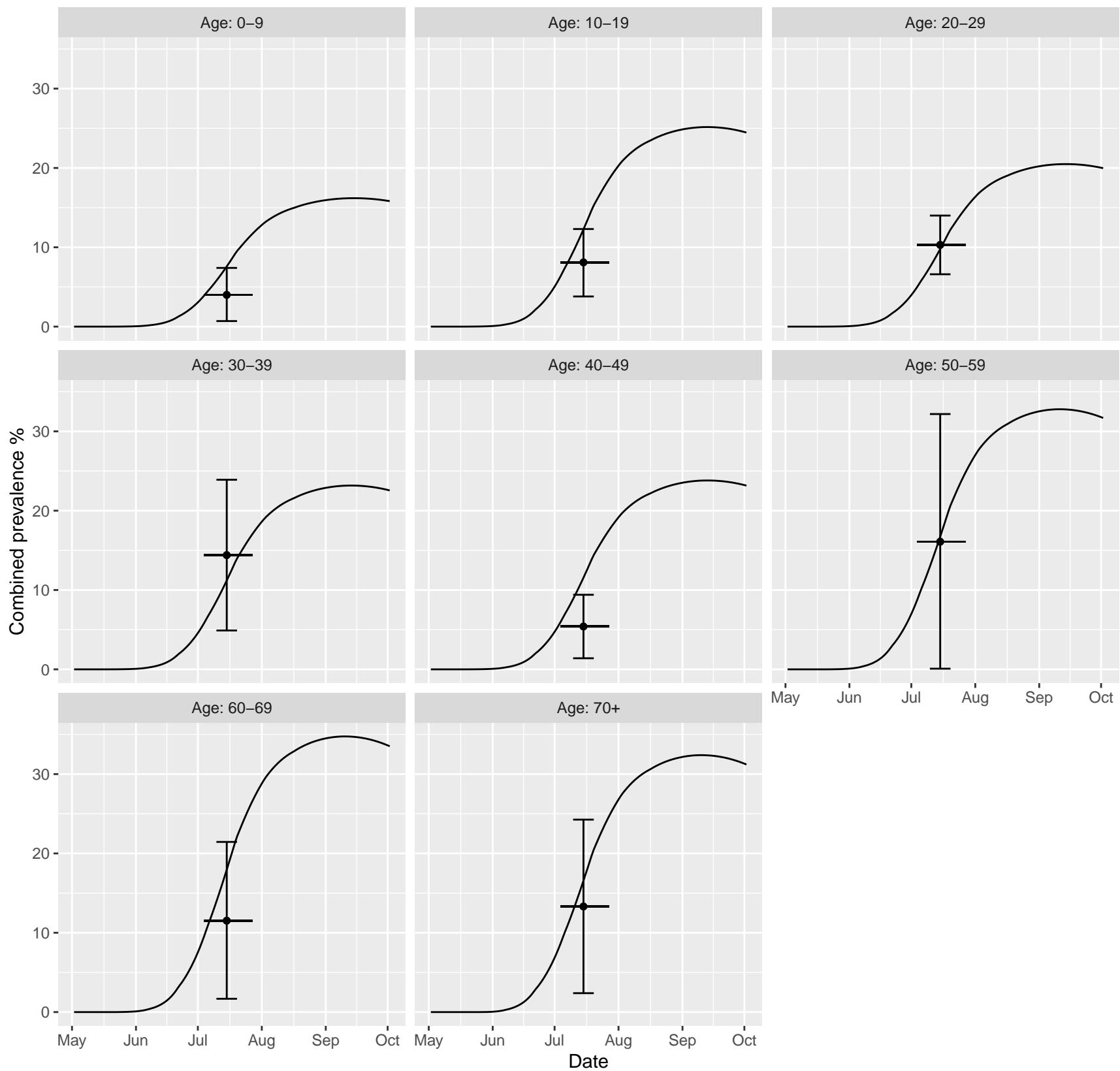
IFR x 1, Slope x 1.25

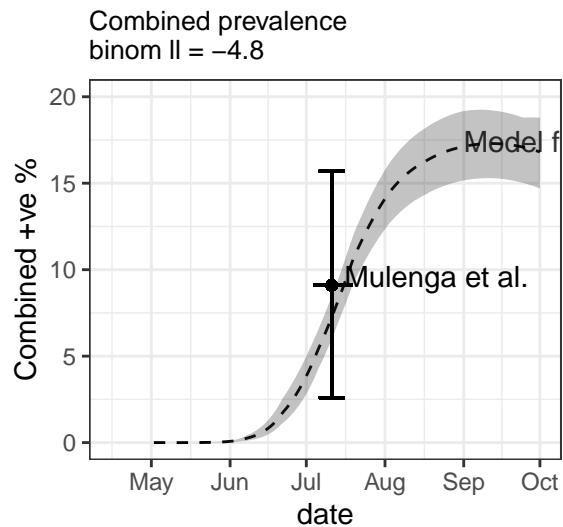
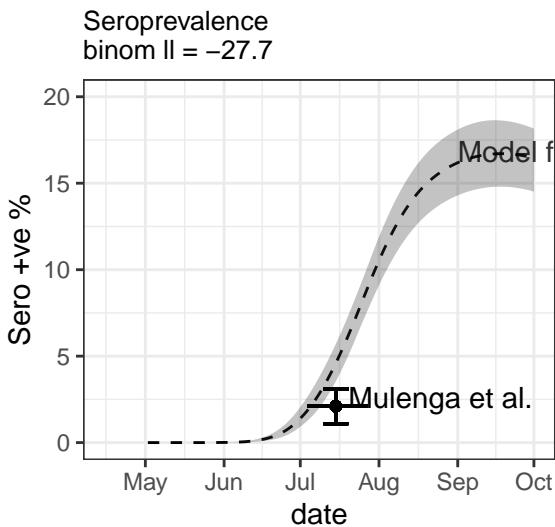
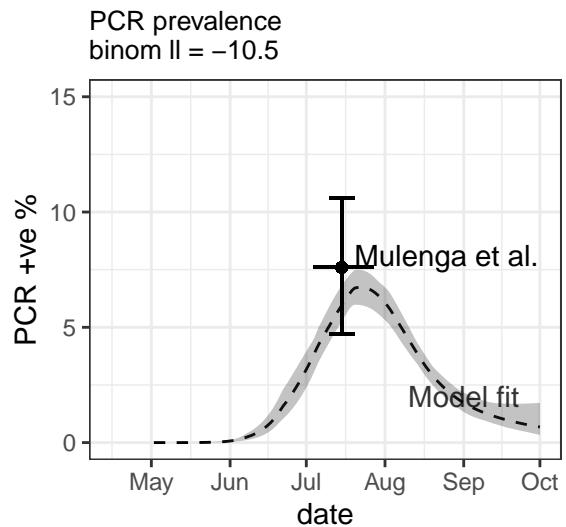
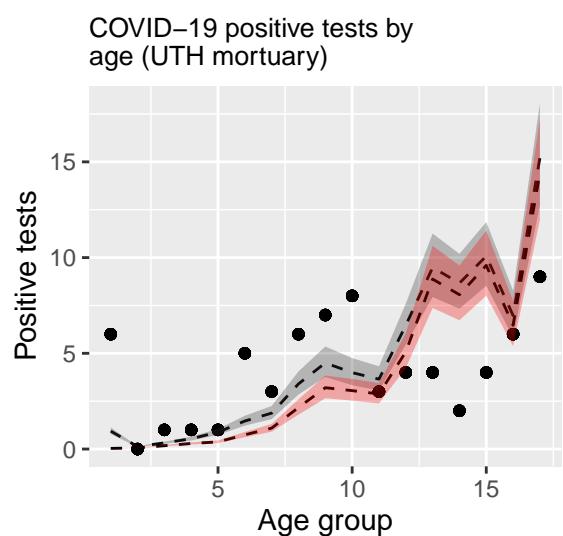
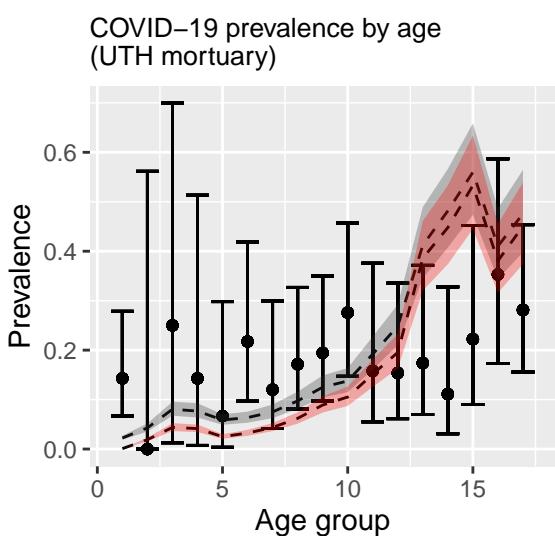
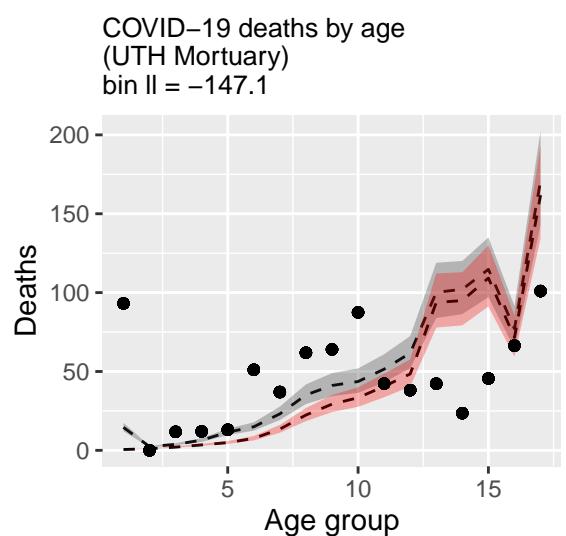
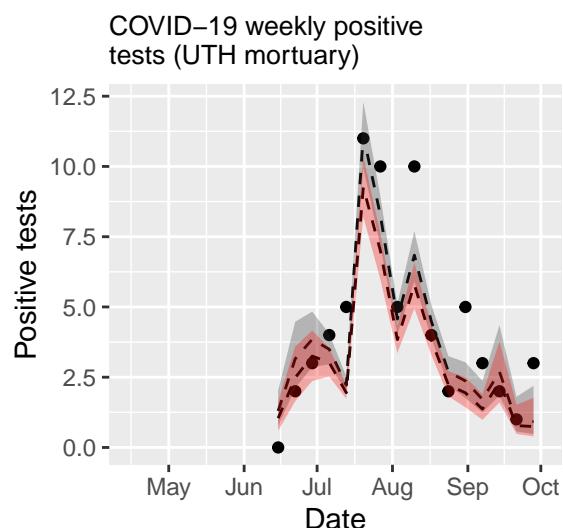
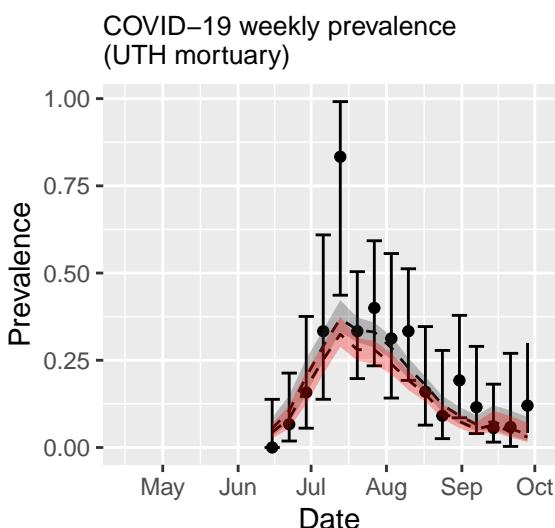
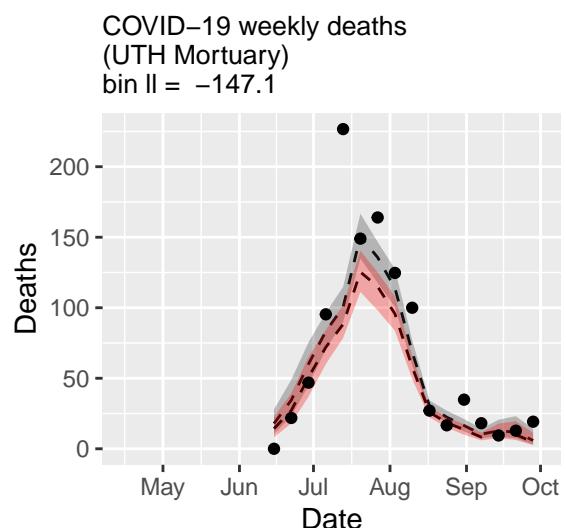
COVID-19 weekly deaths (Mortuary)

pois II = -730.7



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

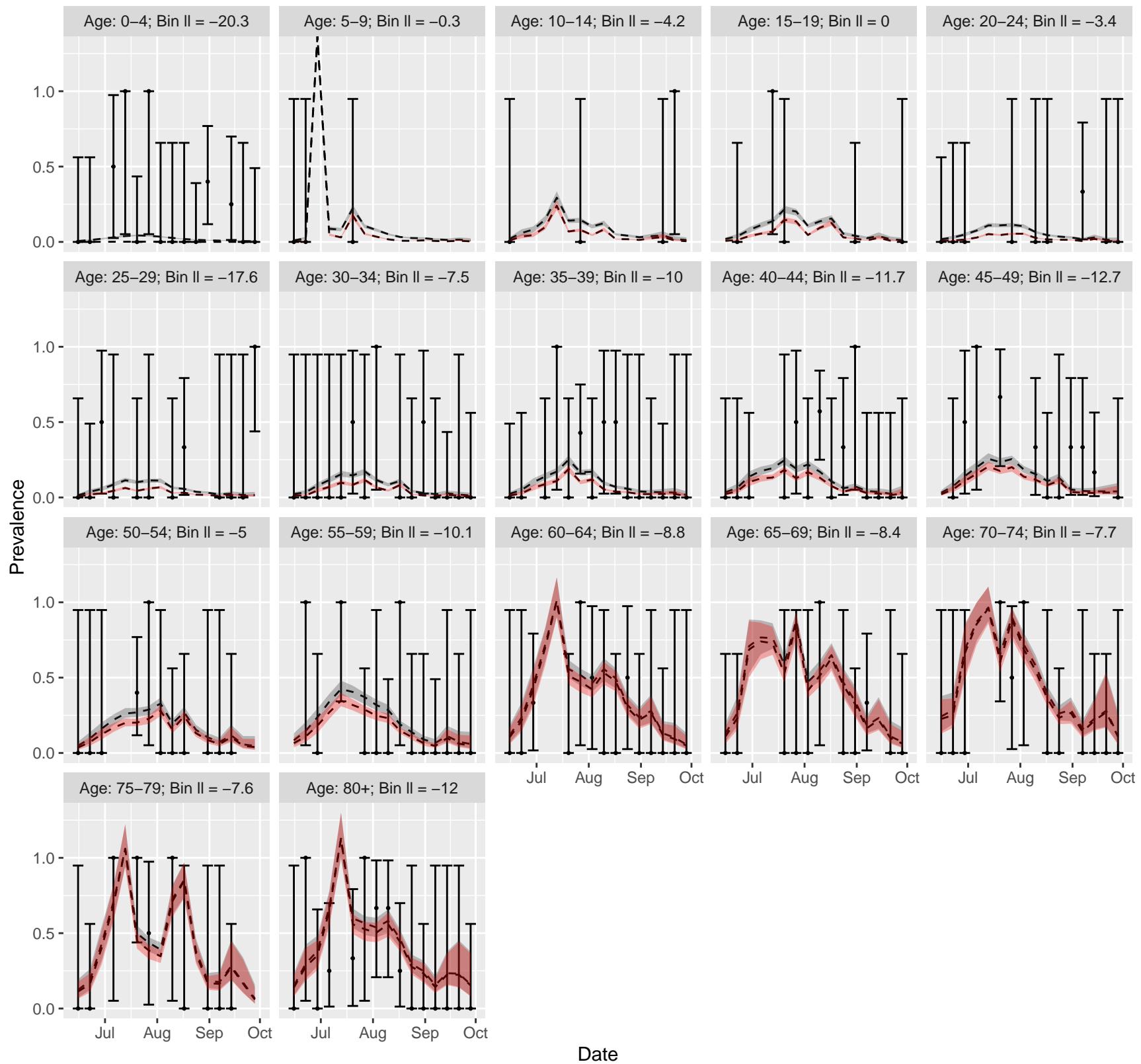




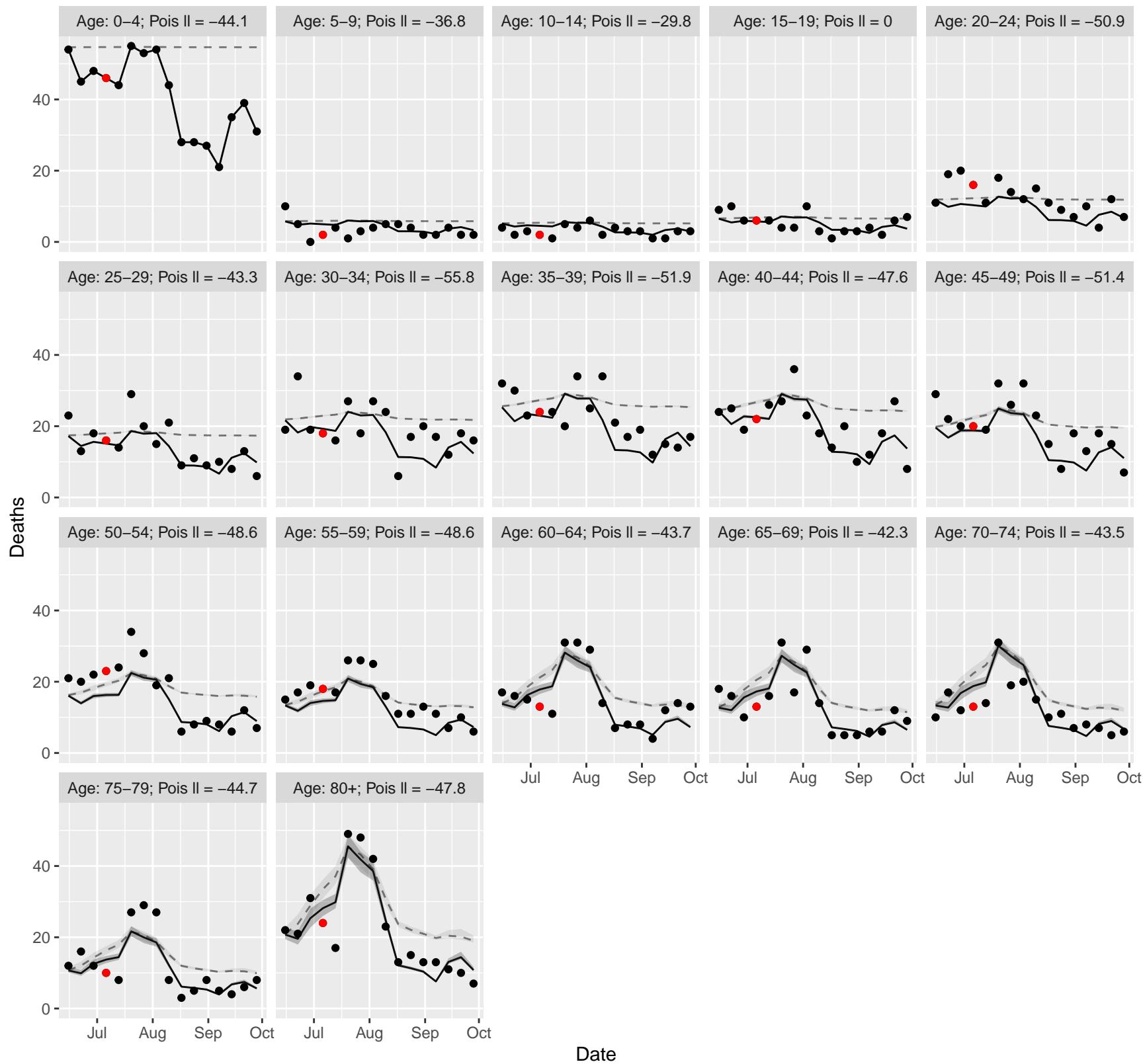
IFR x 1.25, Slope x 1.25

COVID-19 weekly prevalence (Mortuary)

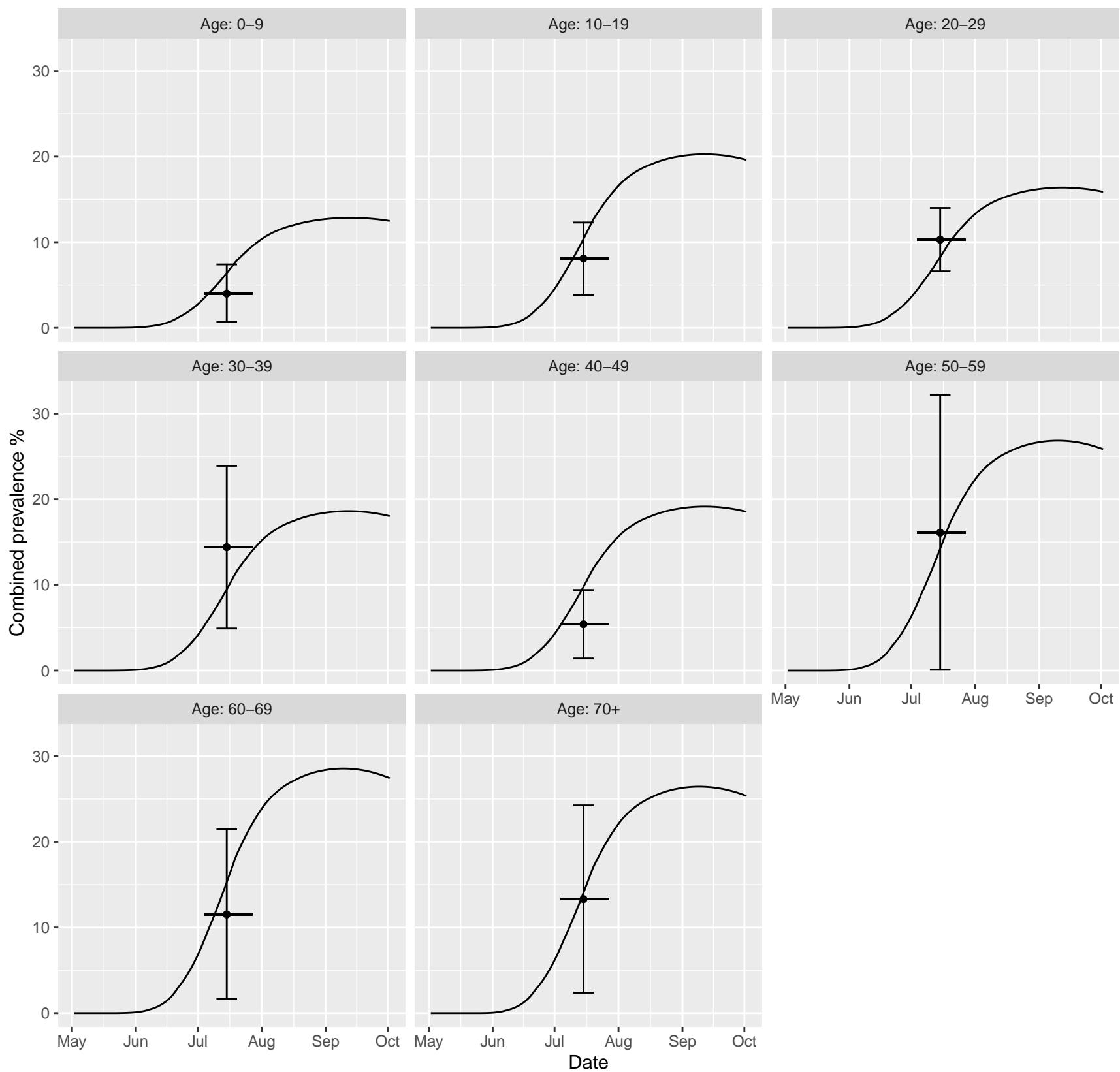
bin II = -147.1



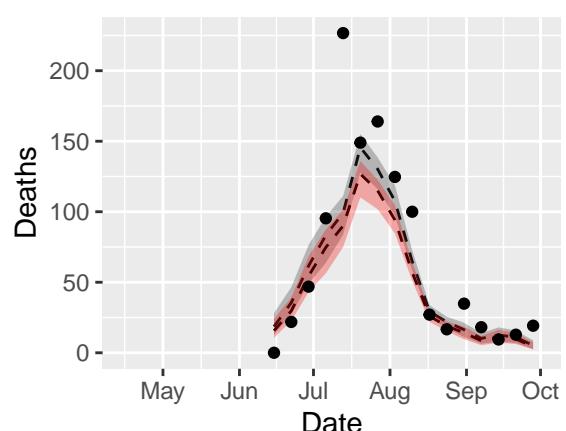
IFR x 1.25, Slope x 1.25  
COVID-19 weekly deaths (Mortuary)  
pois II = -730.7



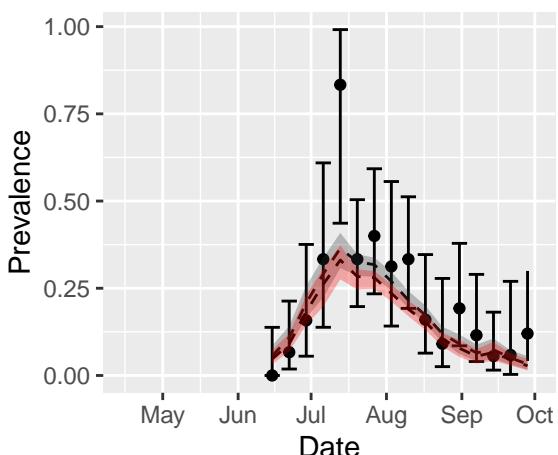
IFR x 1.25, Slope x 1.25  
Modelled COVID-19 Combined prevalence Lusaka



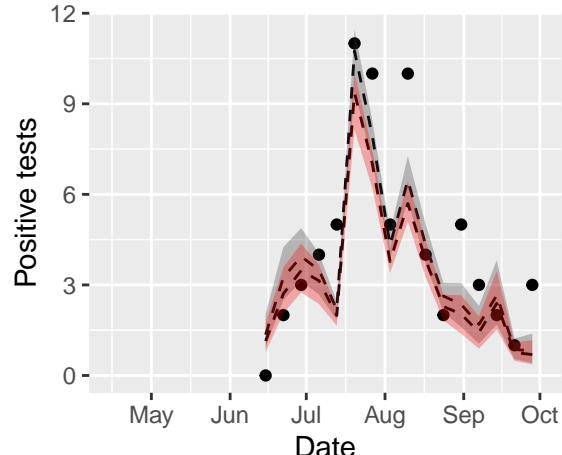
COVID-19 weekly deaths  
(UTH Mortuary)  
bin II = -151.9



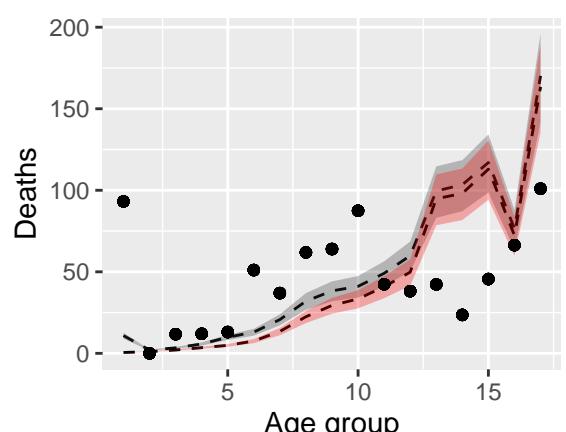
COVID-19 weekly prevalence  
(UTH mortuary)



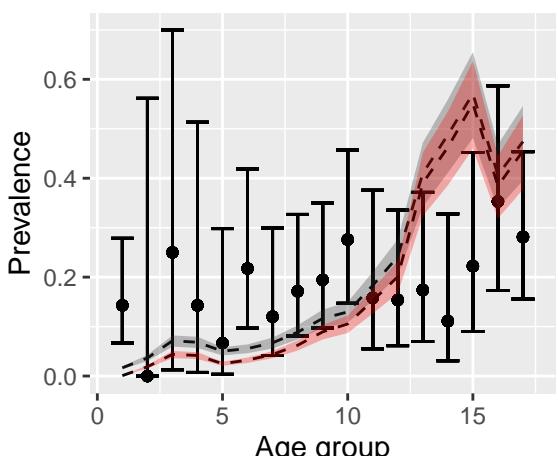
COVID-19 weekly positive tests (UTH mortuary)



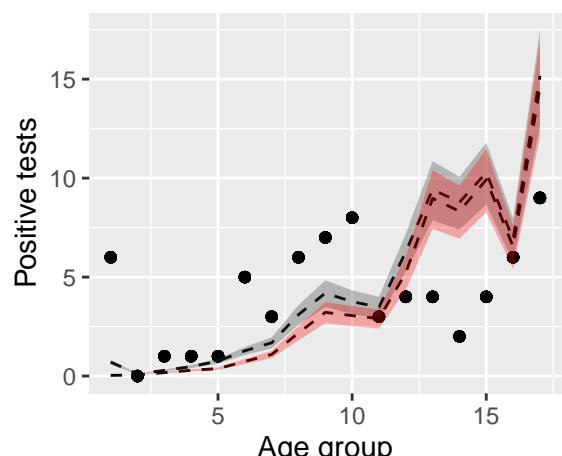
COVID-19 deaths by age  
(UTH Mortuary)  
bin II = -151.9



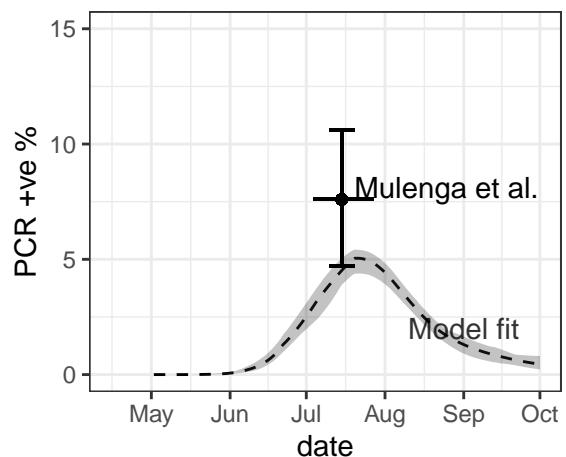
COVID-19 prevalence by age  
(UTH mortuary)



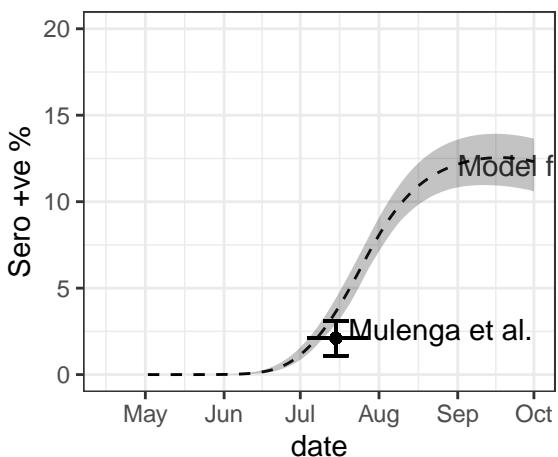
COVID-19 positive tests by age (UTH mortuary)



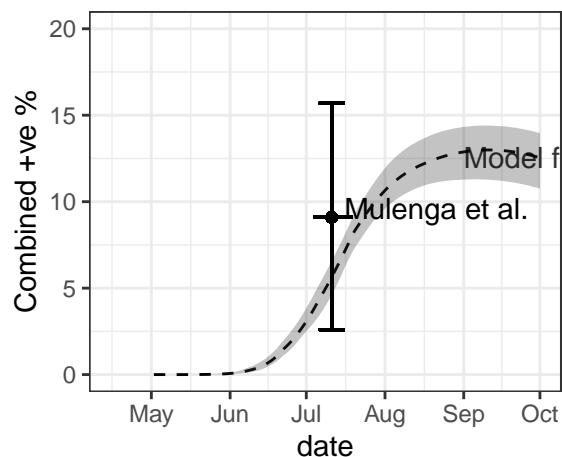
PCR prevalence  
binom II = -31.3



Seroprevalence  
binom II = -14.3



Combined prevalence  
binom II = -6.8



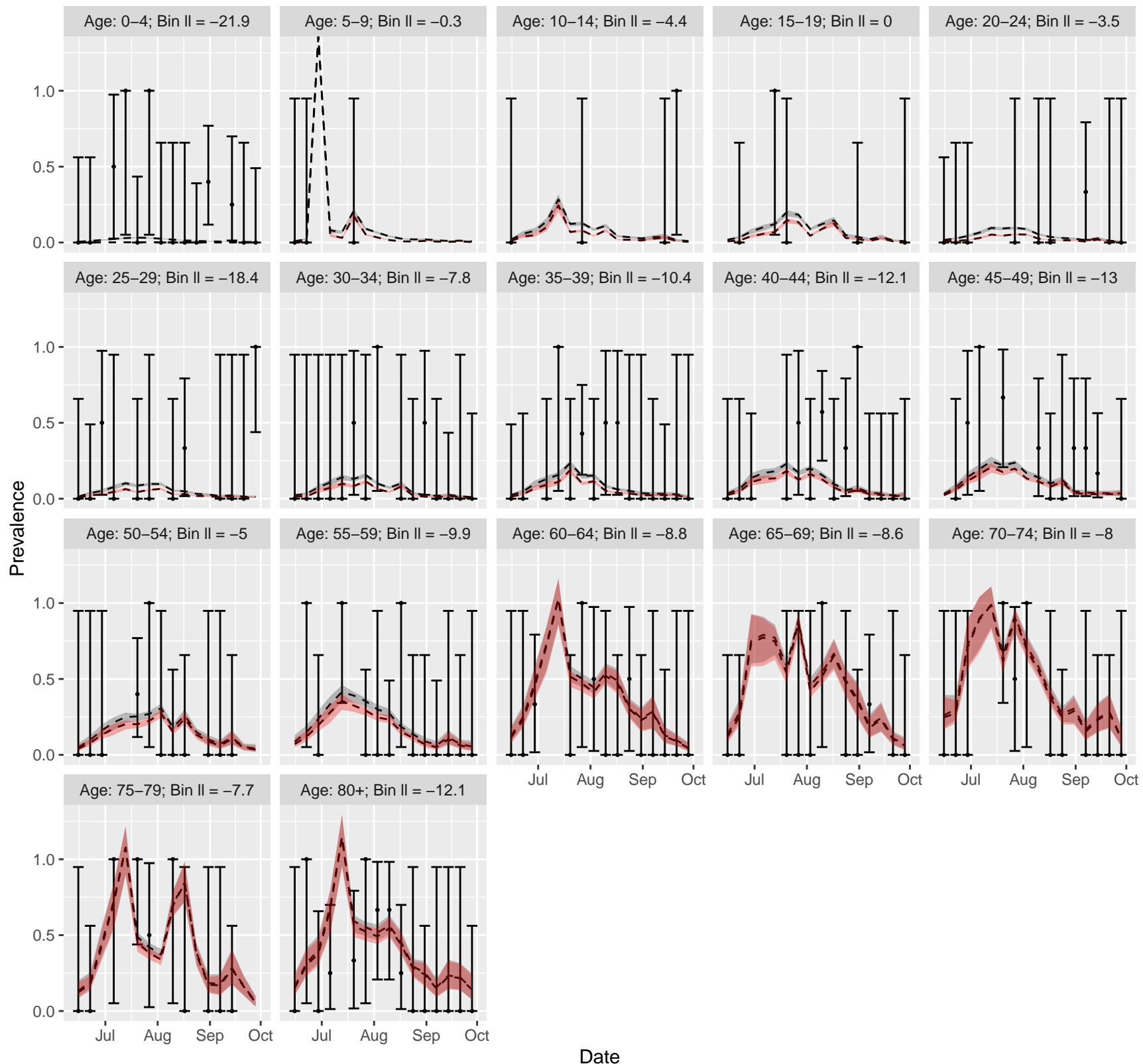
Mulenga et al.

Model fit

Mulenga et al.

Model fit

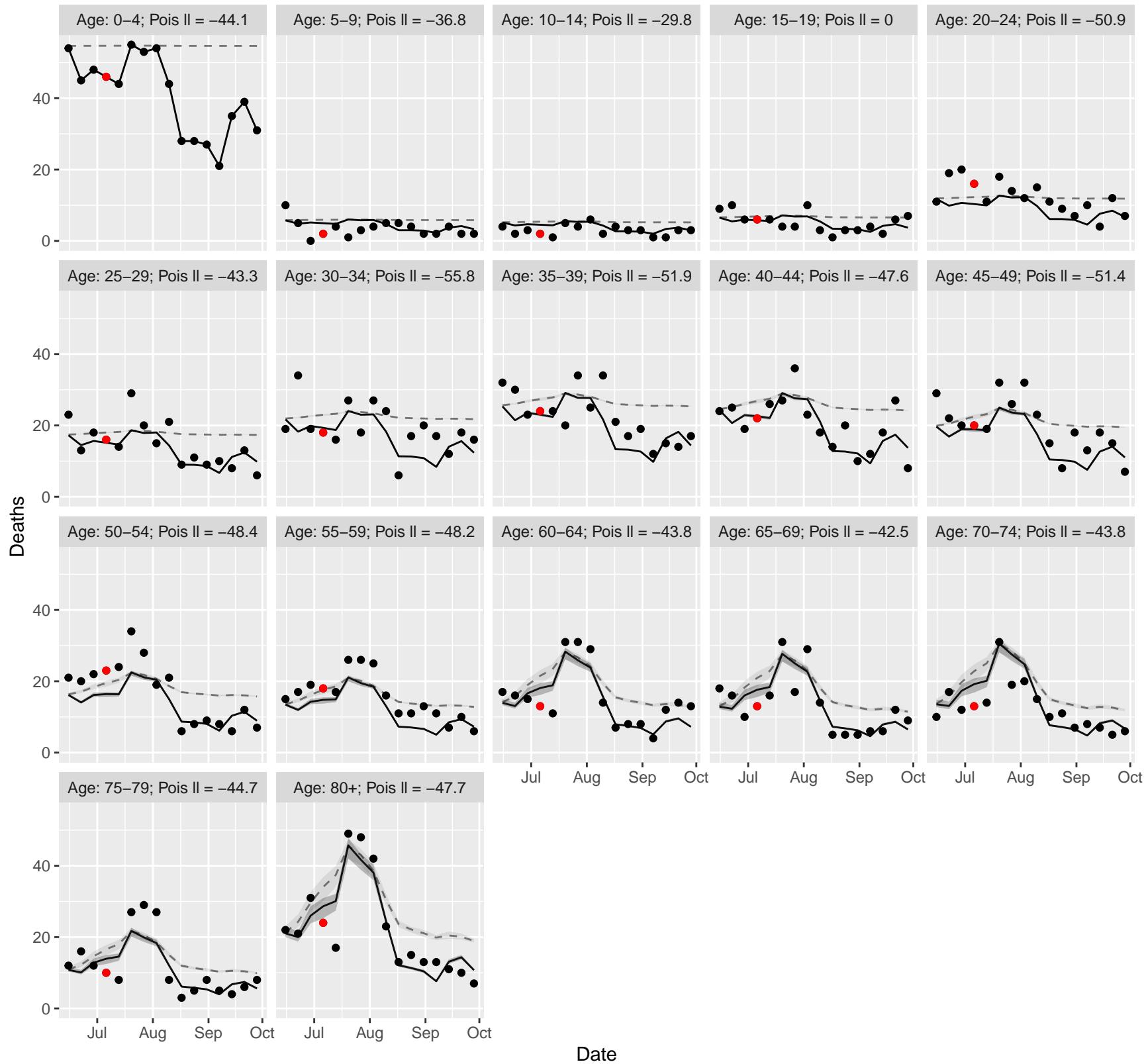
IFR x 1.66666666666667, Slope x 1.25  
COVID-19 weekly prevalence (Mortuary)  
bin II = -151.9



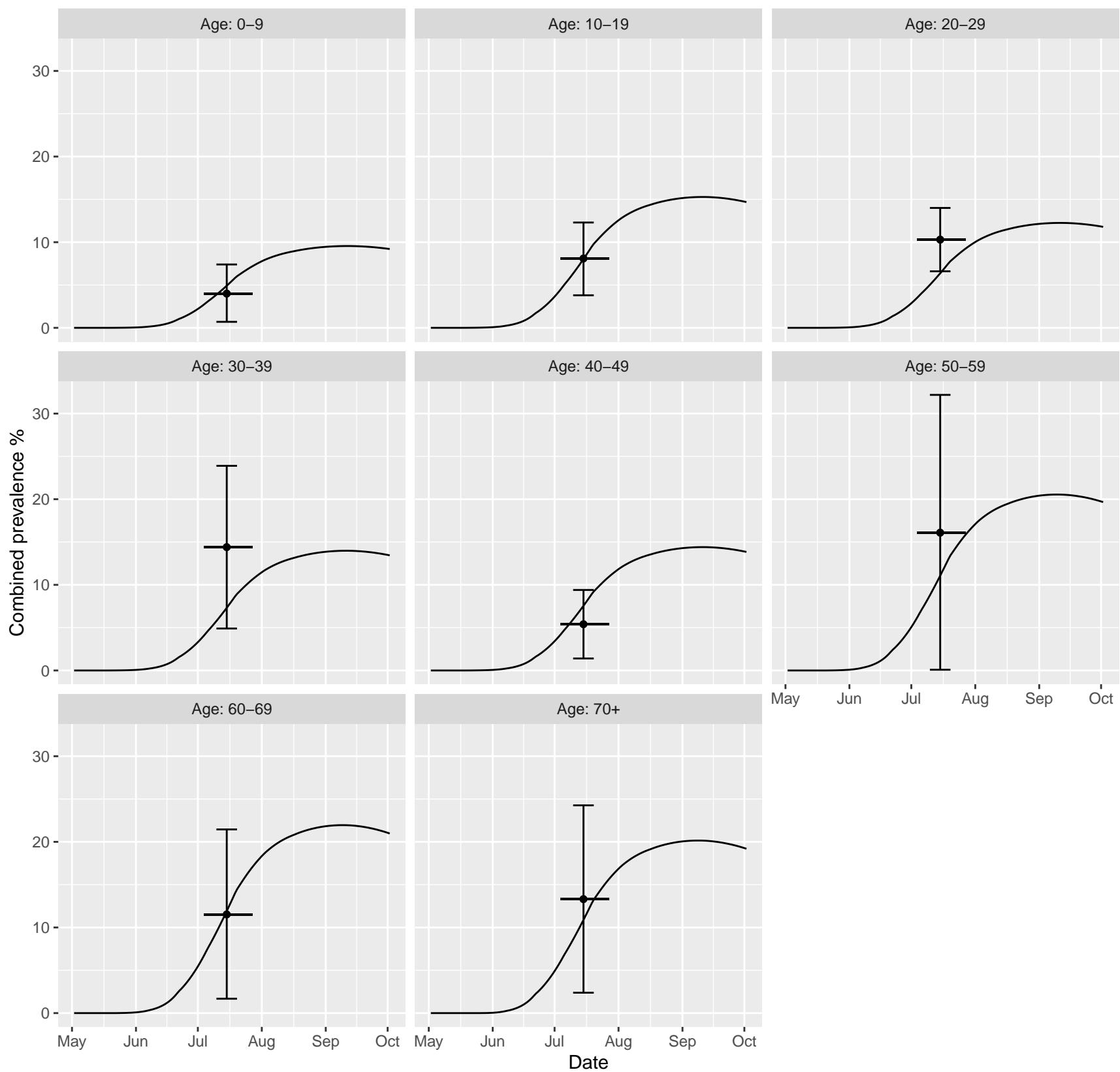
IFR x 1.6666666666666667, Slope x 1.25

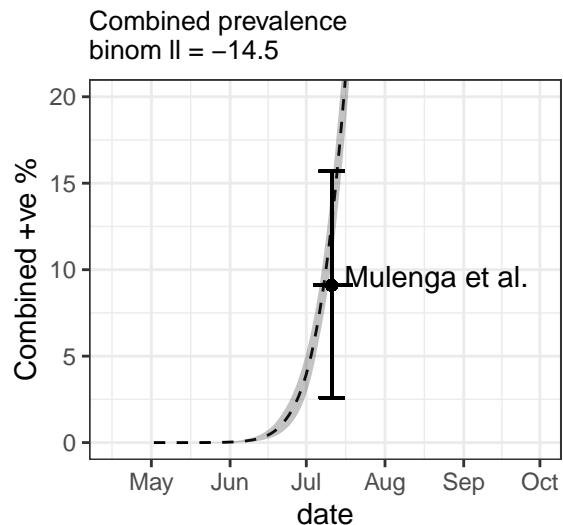
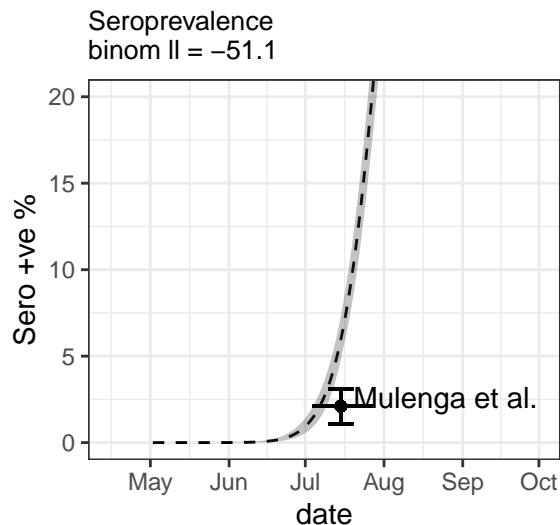
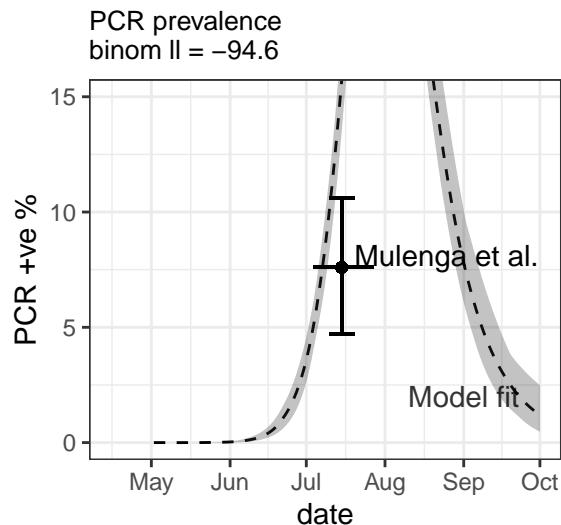
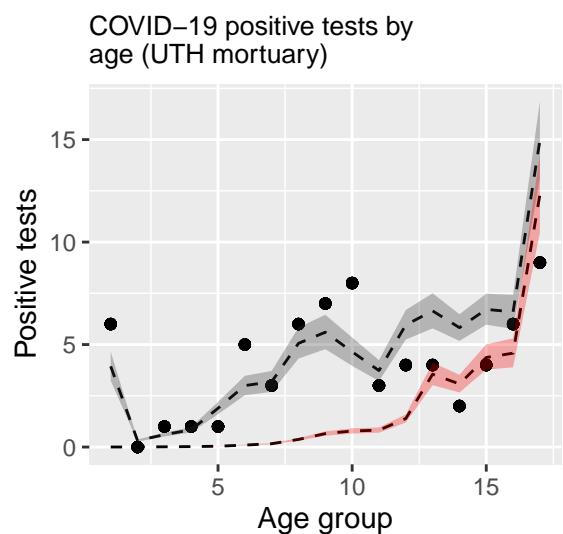
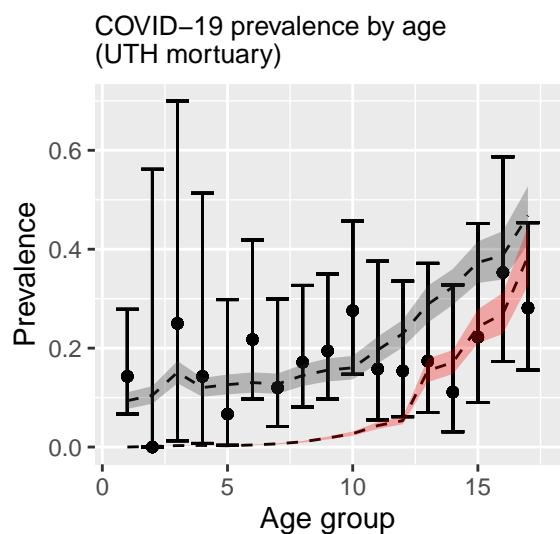
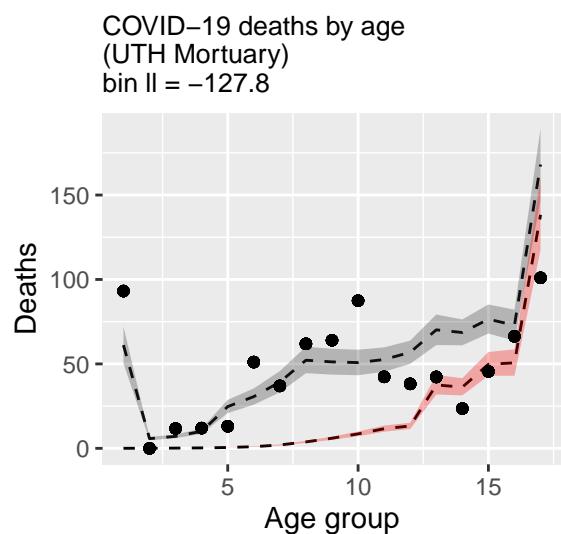
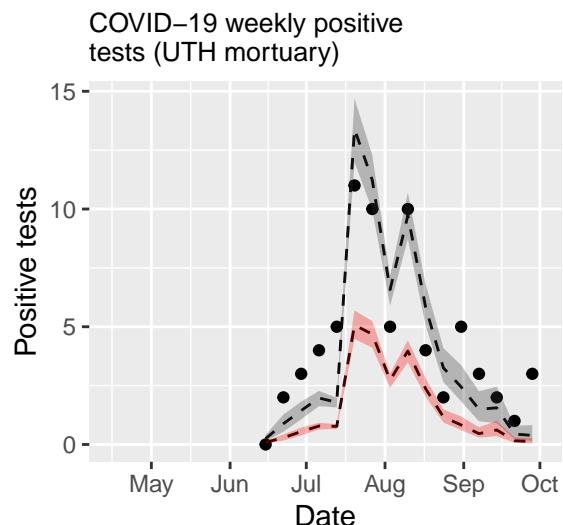
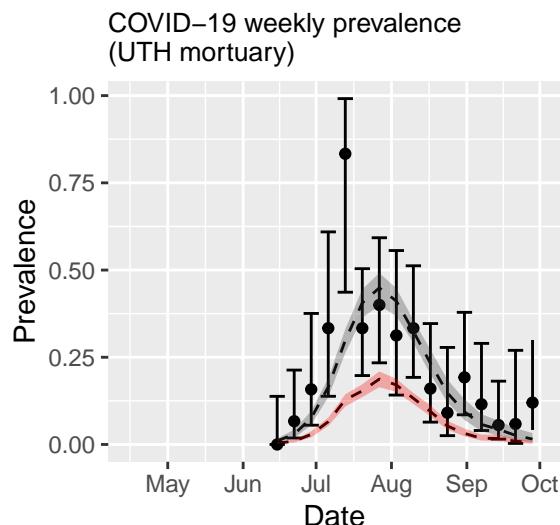
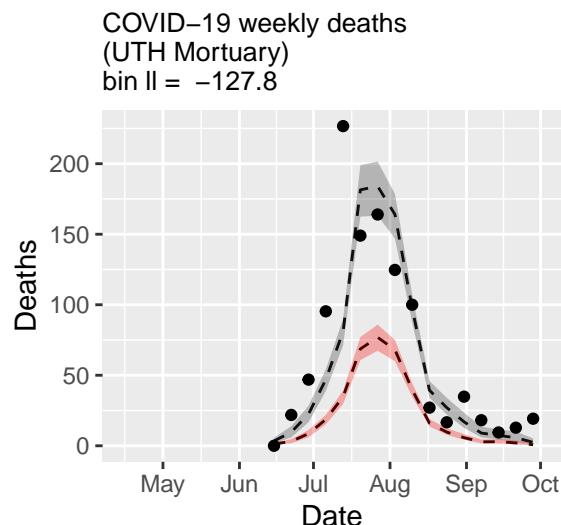
COVID-19 weekly deaths (Mortuary)

pois II = -730.8

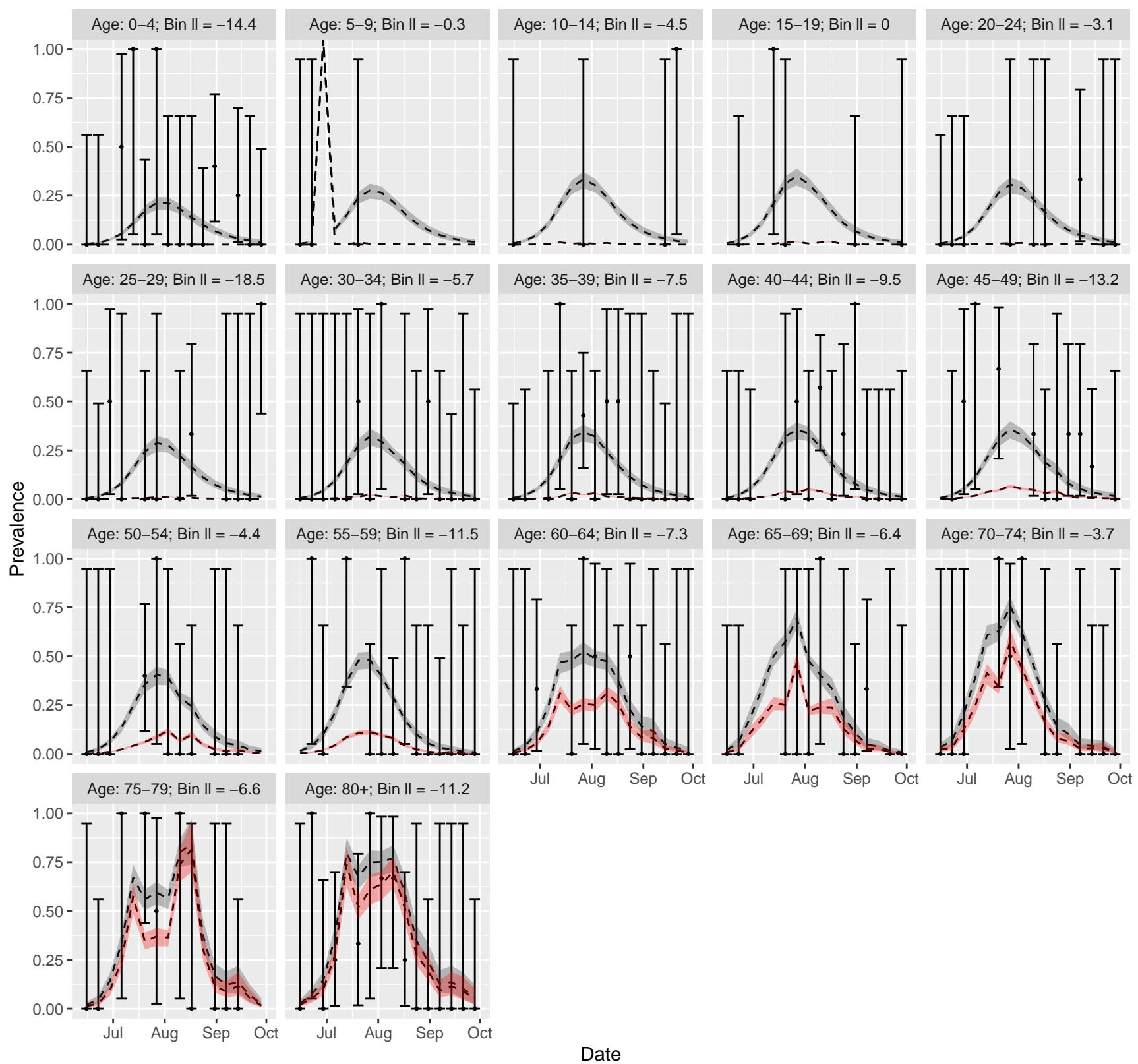


IFR x 1.66666666666667, Slope x 1.25  
Modelled COVID-19 Combined prevalence Lusaka

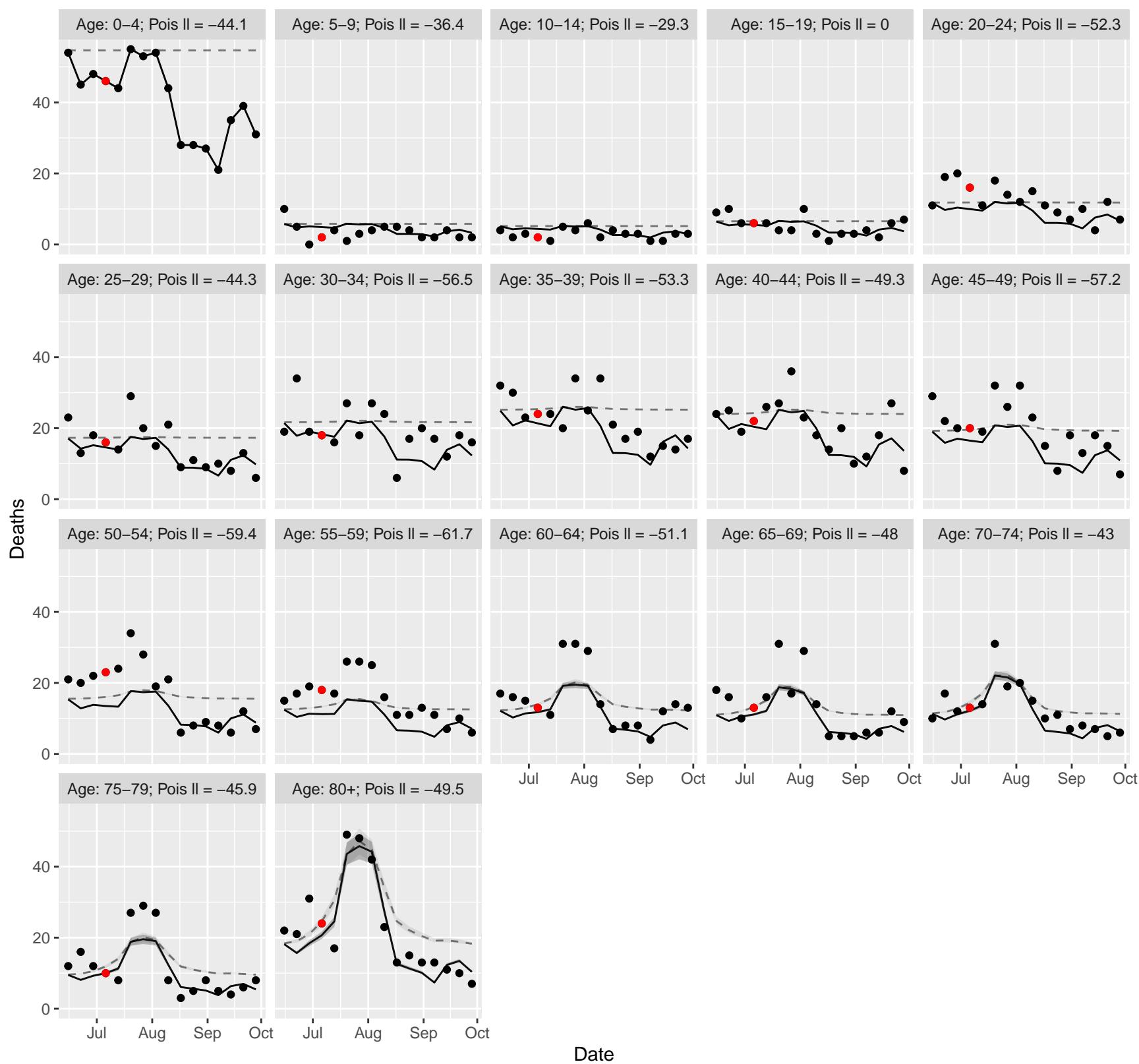




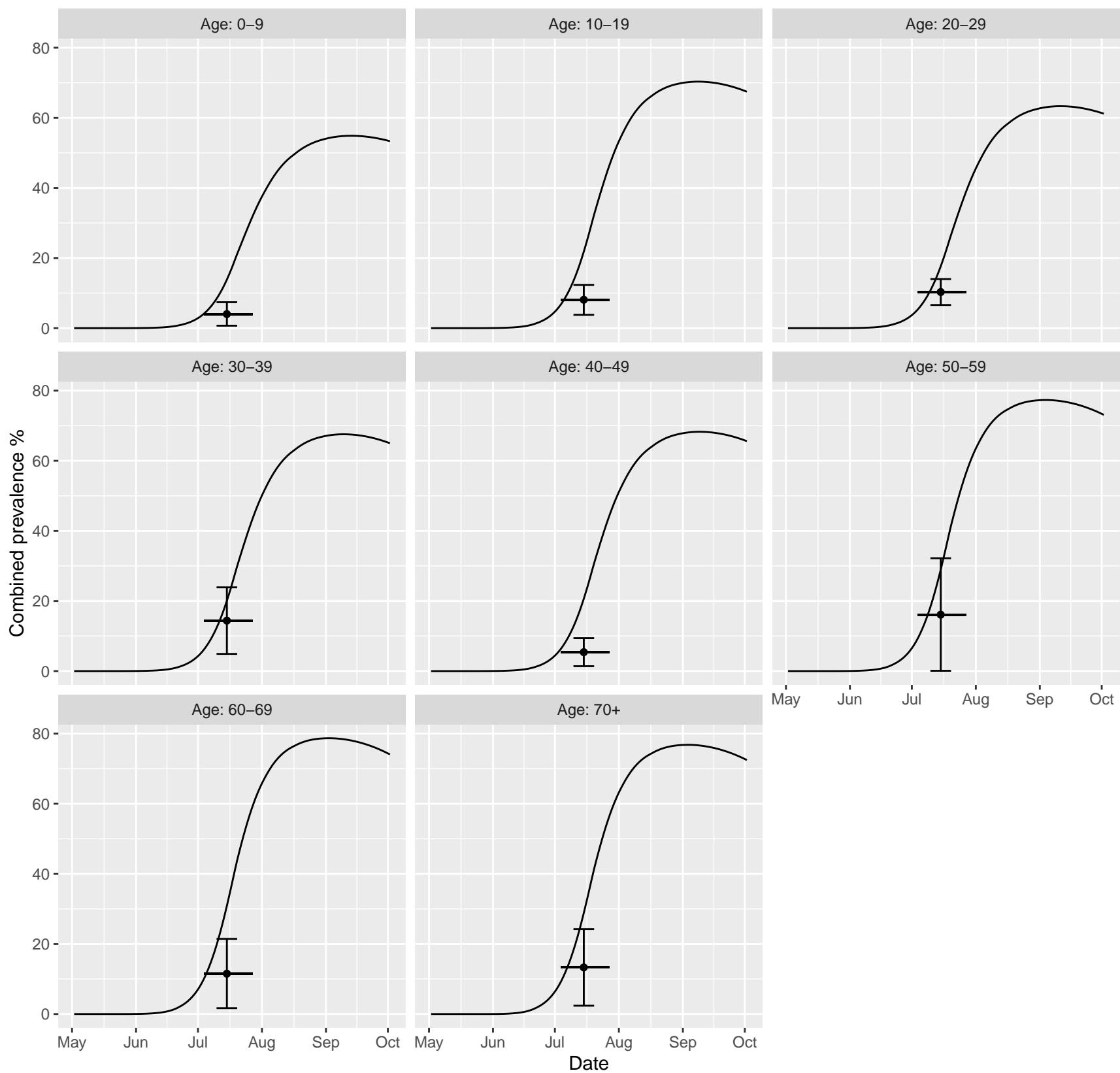
IFR x 0.2, Slope x 1.666666666666667  
COVID-19 weekly prevalence (Mortuary)  
bin II = -127.8

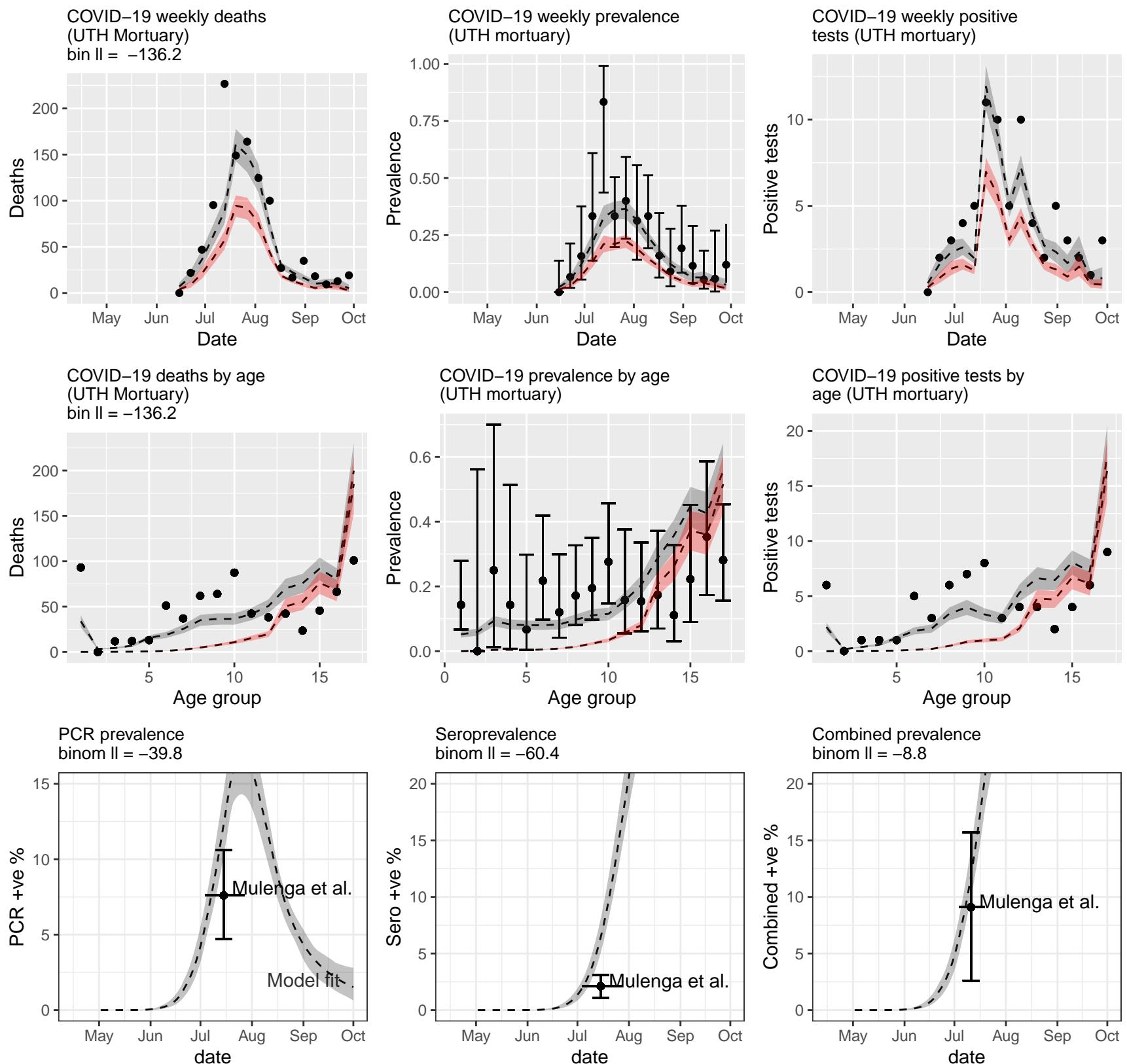


IFR x 0.2, Slope x 1.666666666666667  
COVID-19 weekly deaths (Mortuary)  
pois II = -781.4

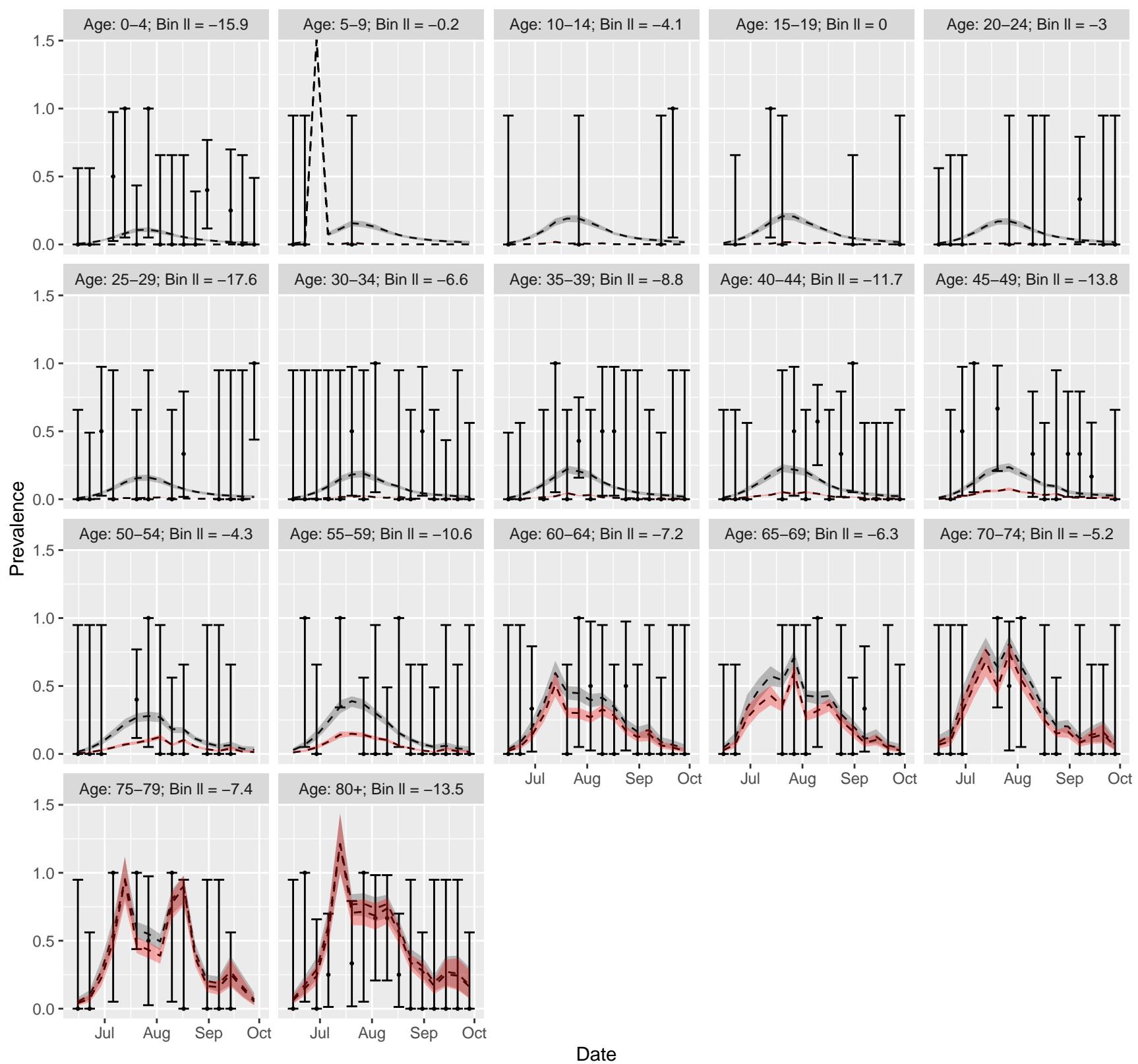


IFR x 0.2, Slope x 1.666666666666667  
Modelled COVID-19 Combined prevalence Lusaka

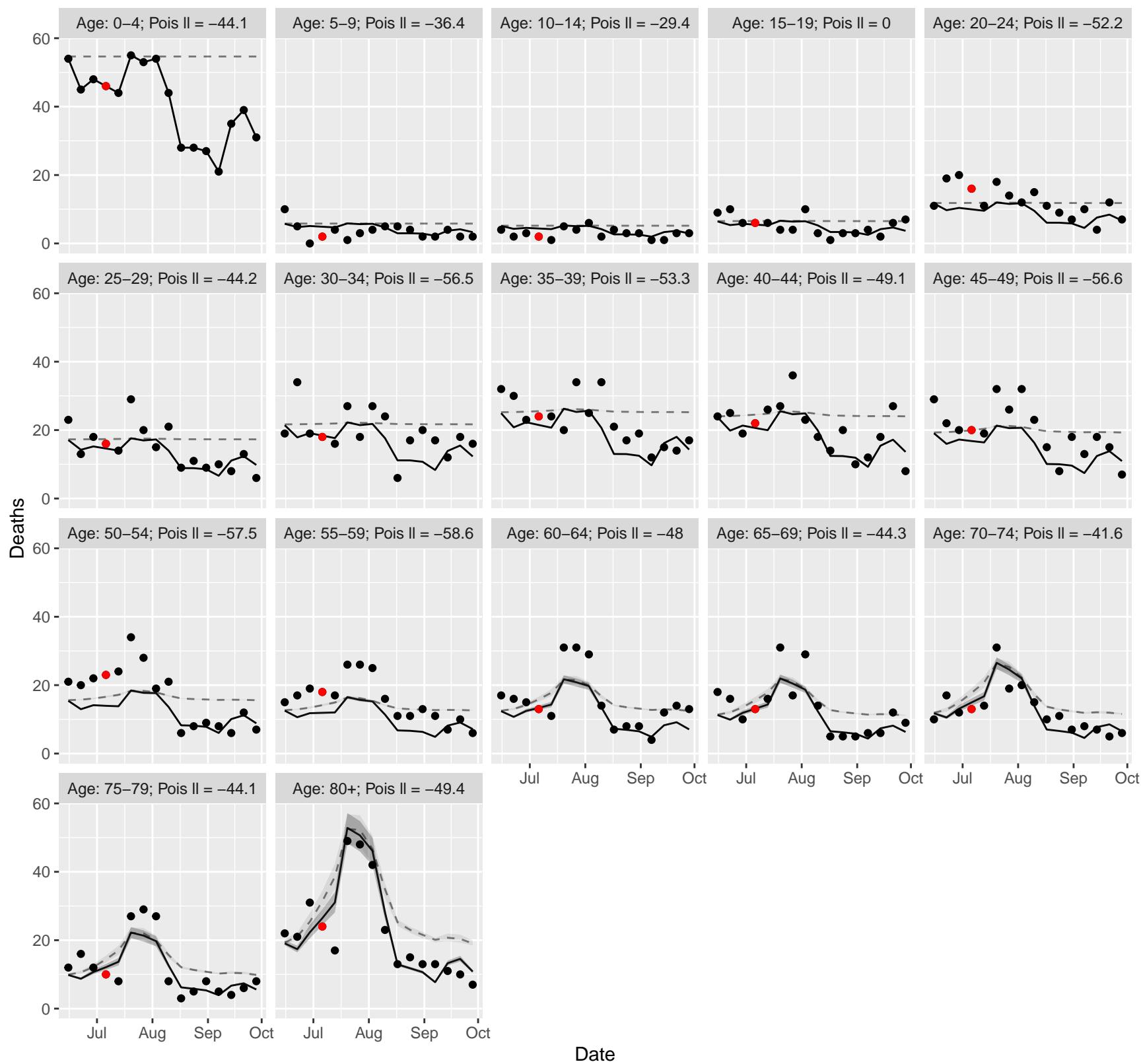




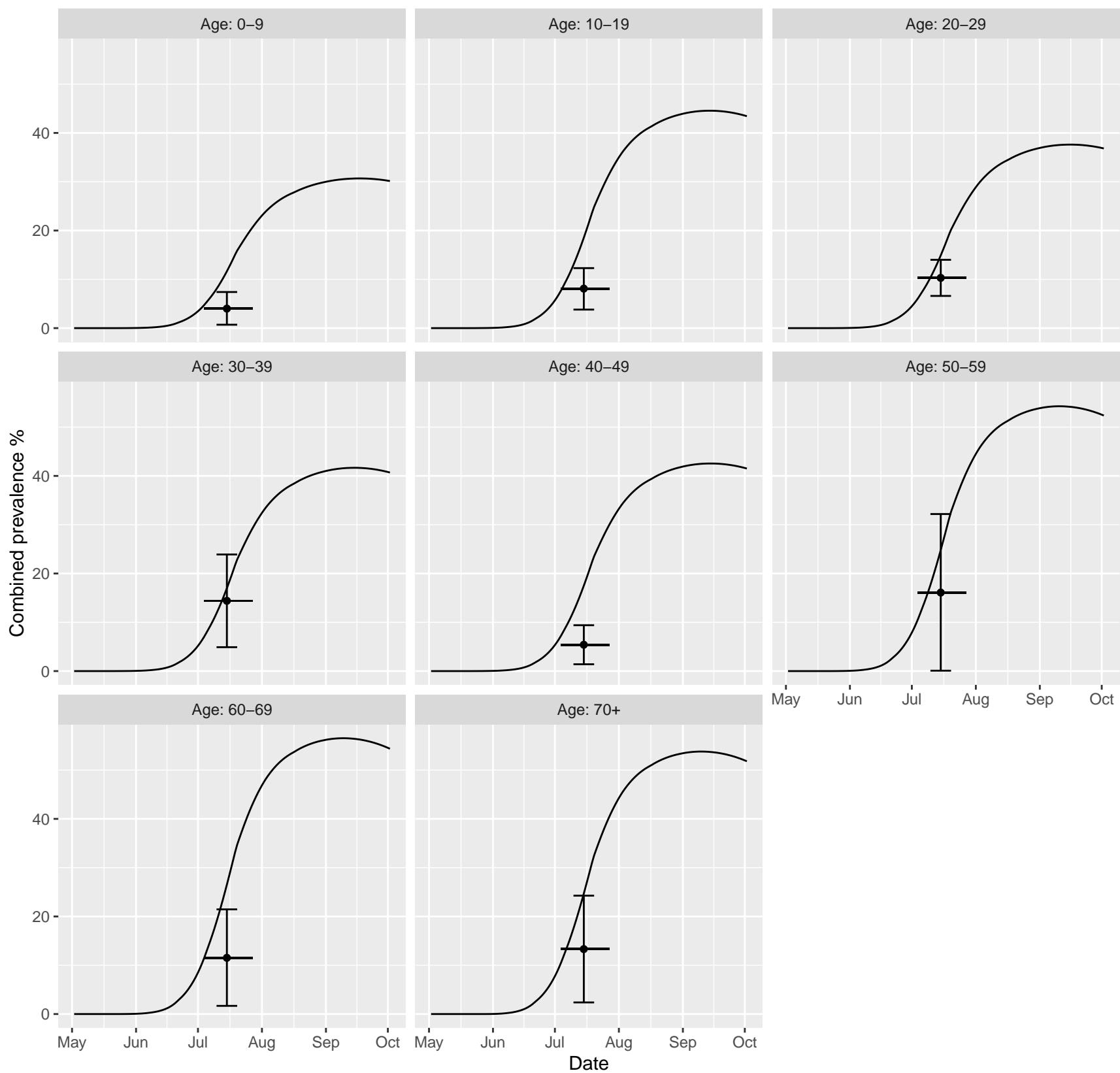
IFR x 0.4, Slope x 1.666666666666667  
COVID-19 weekly prevalence (Mortuary)  
bin II = -136.2

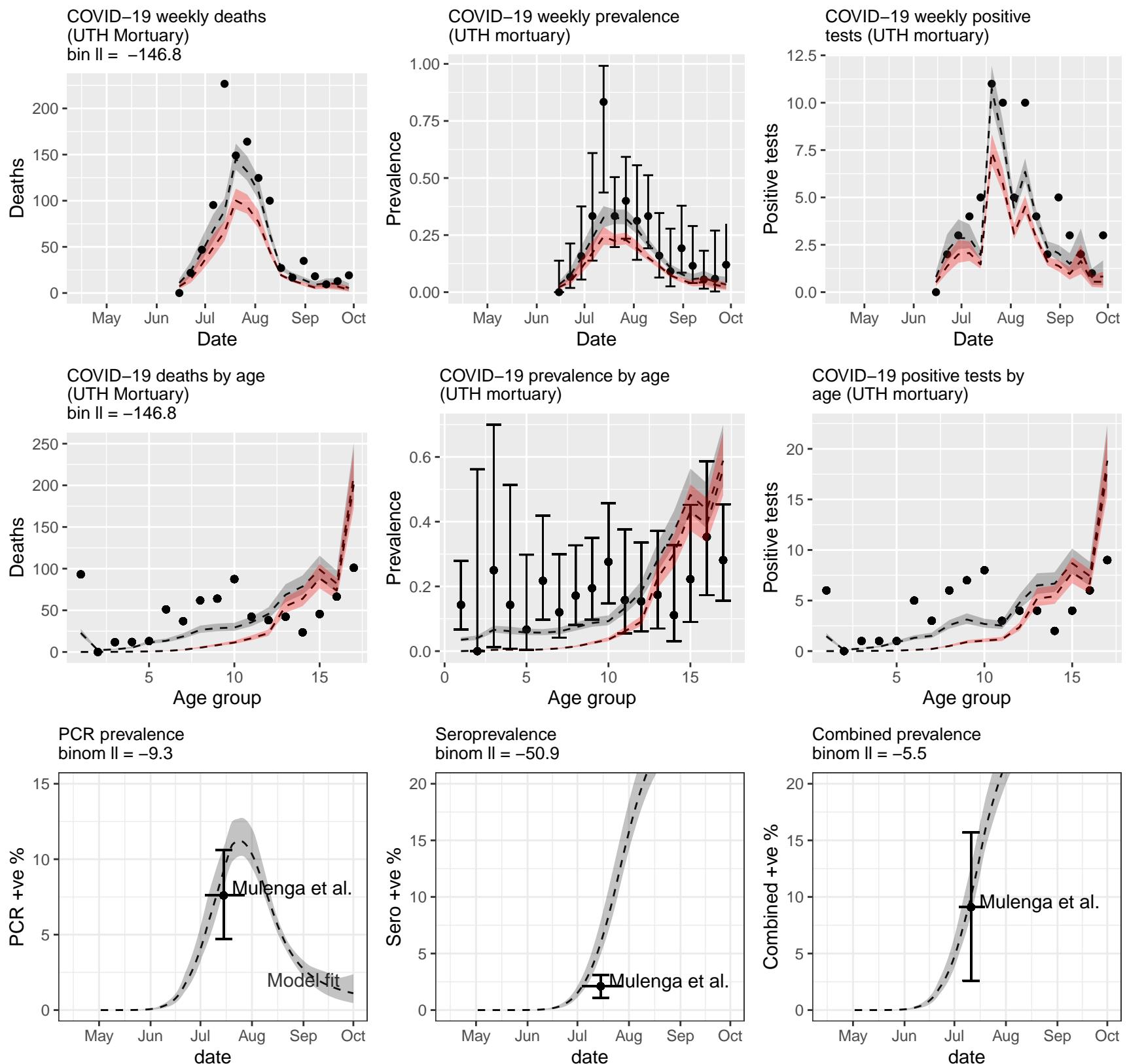


IFR x 0.4, Slope x 1.666666666666667  
COVID-19 weekly deaths (Mortuary)  
pois II = -765.4

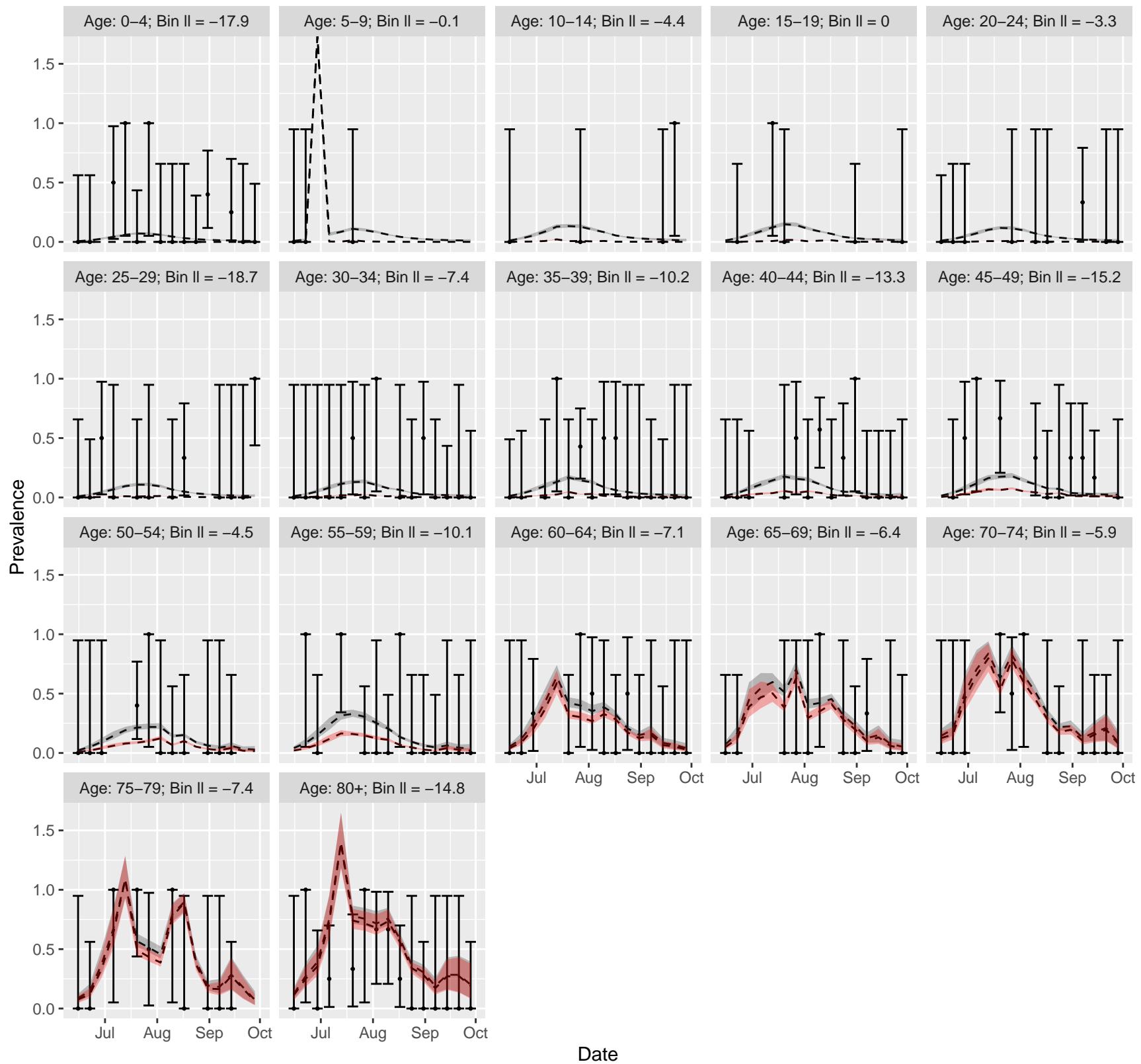


IFR x 0.4, Slope x 1.666666666666667  
Modelled COVID-19 Combined prevalence Lusaka

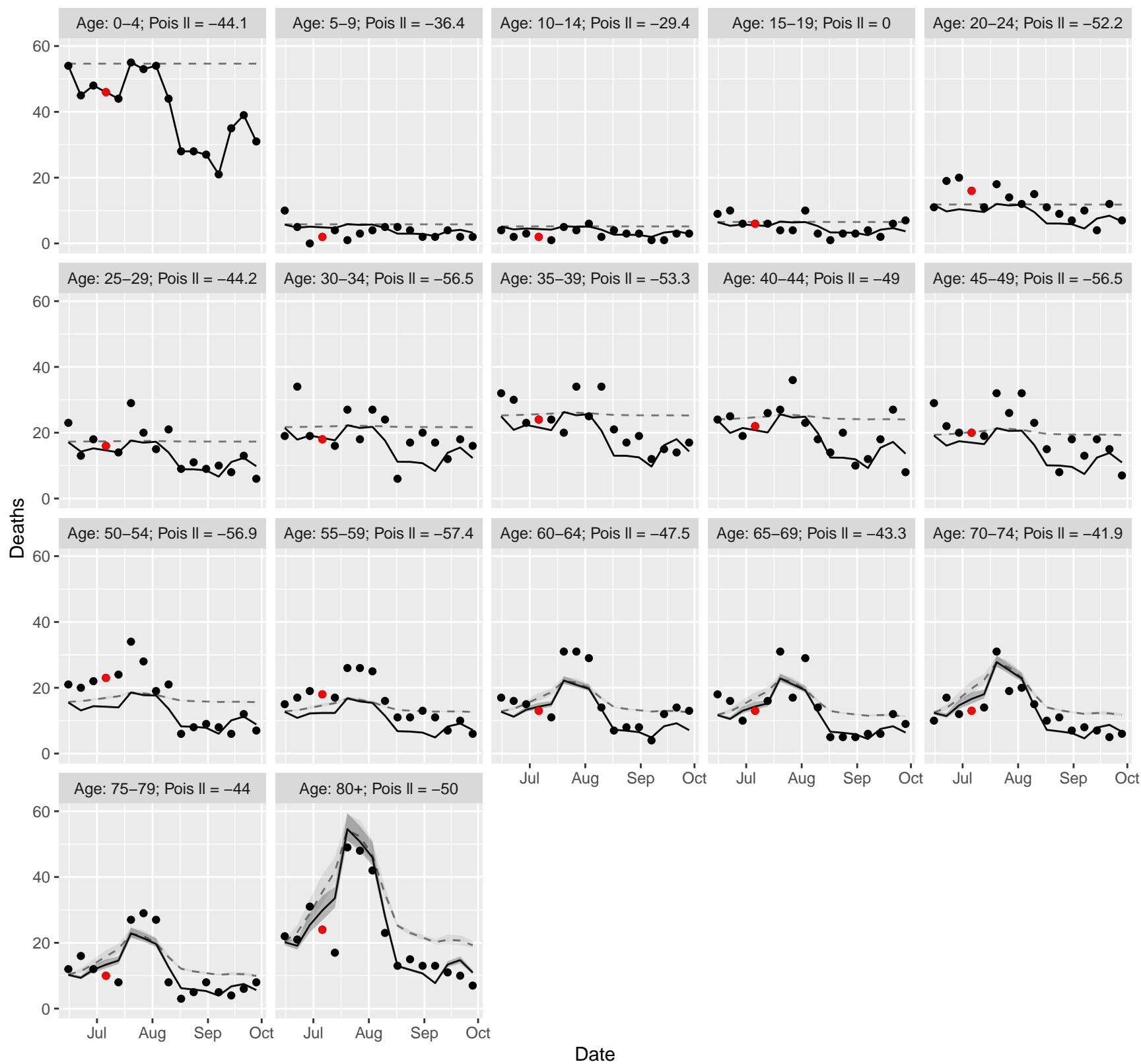




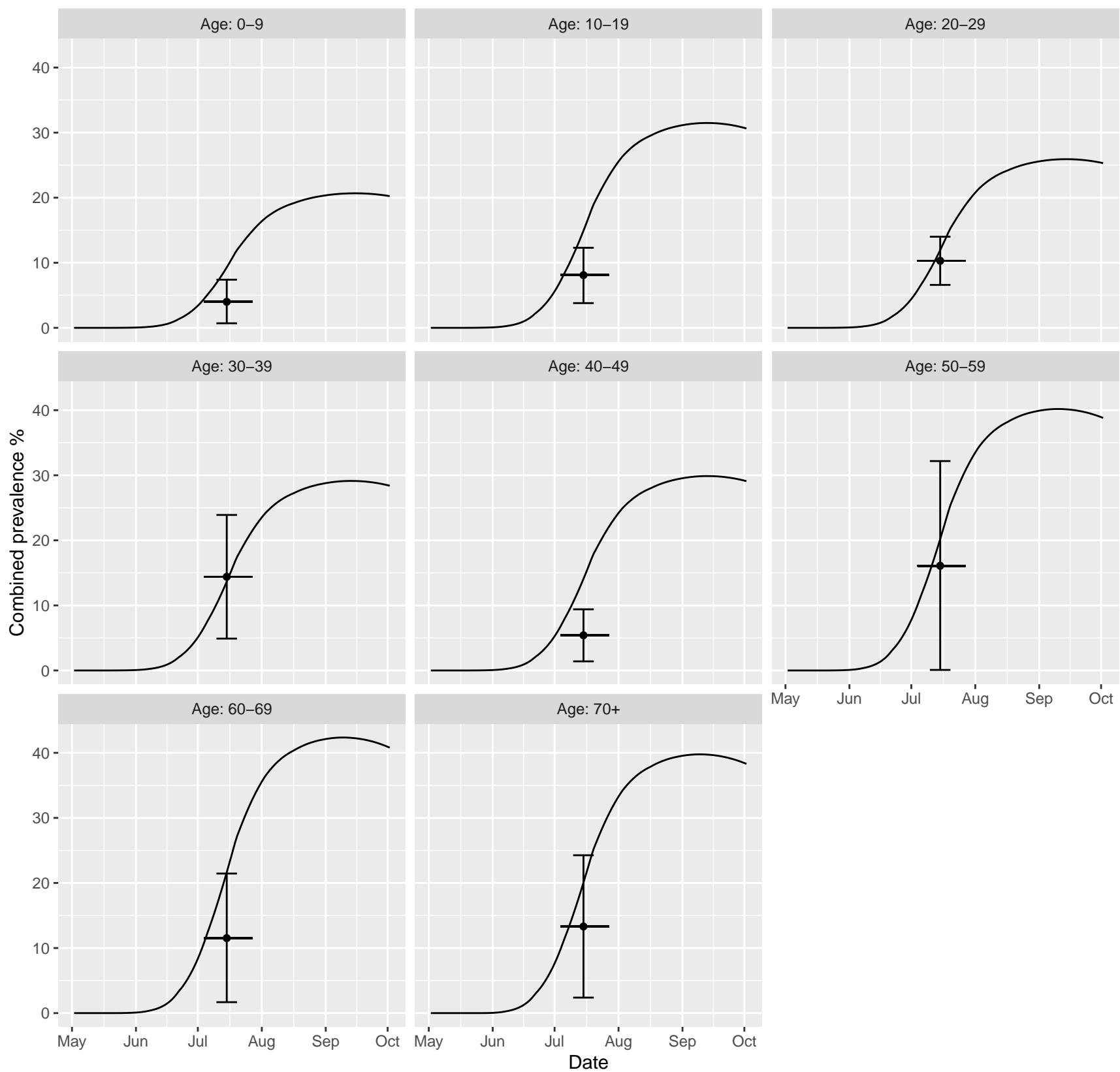
IFR x 0.6, Slope x 1.666666666666667  
COVID-19 weekly prevalence (Mortuary)  
bin II = -146.8

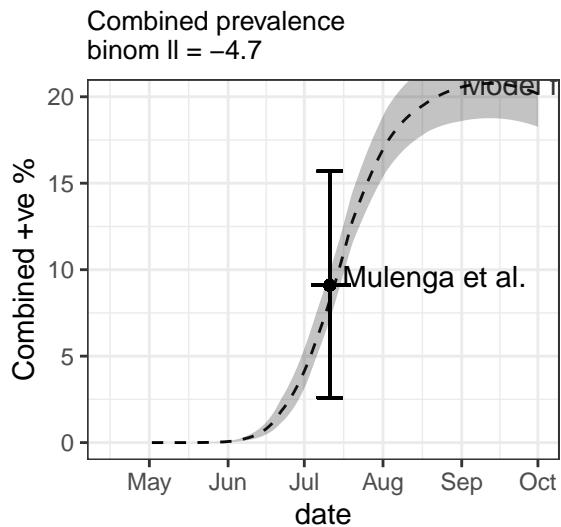
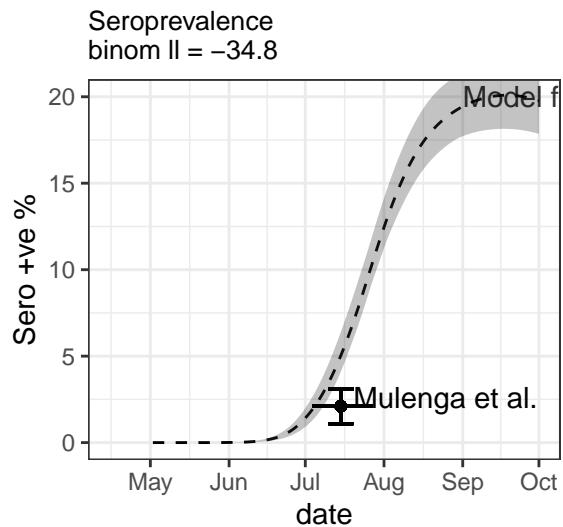
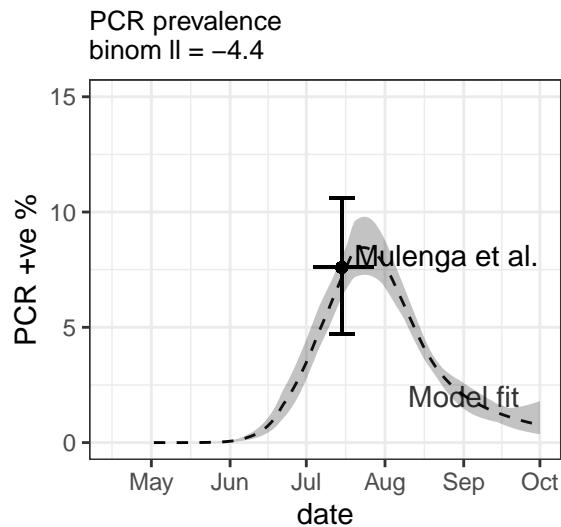
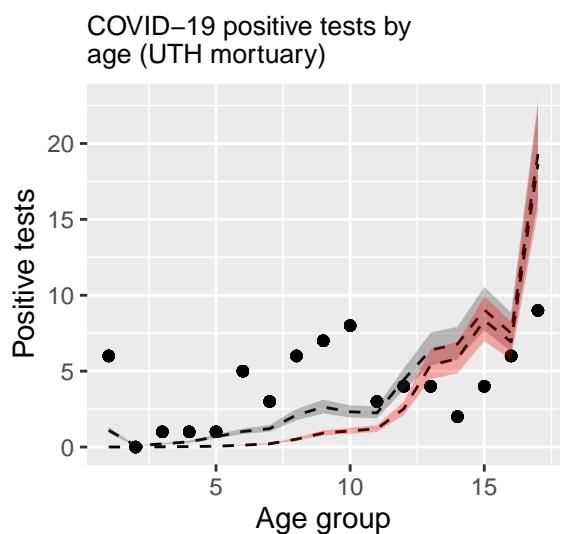
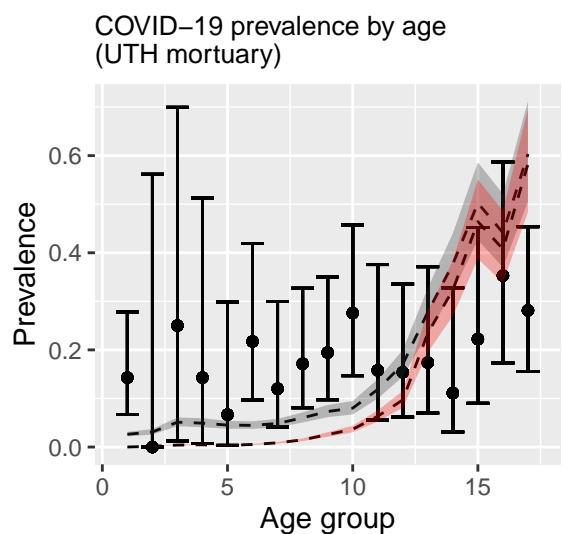
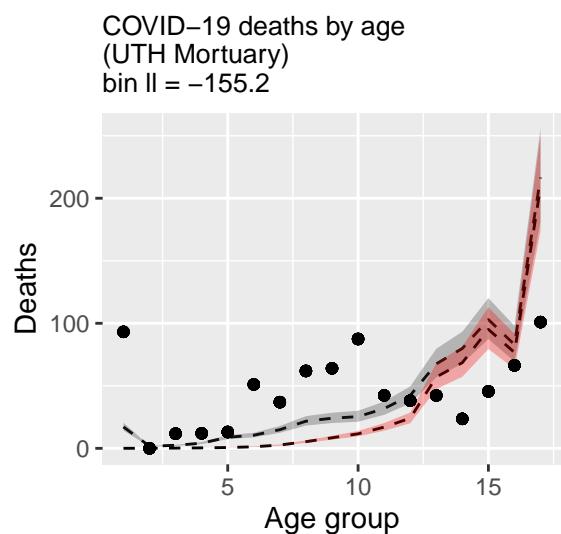
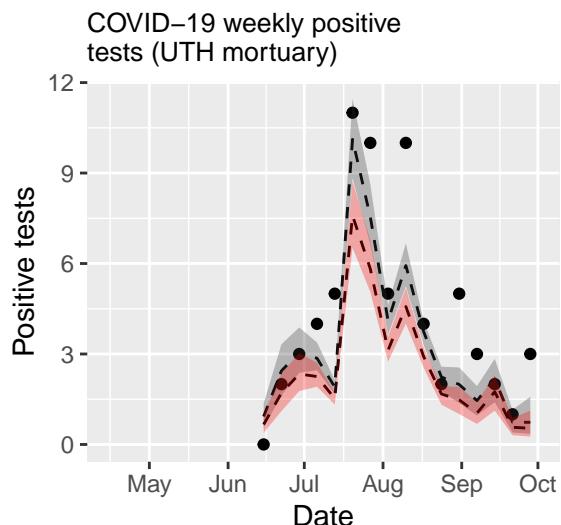
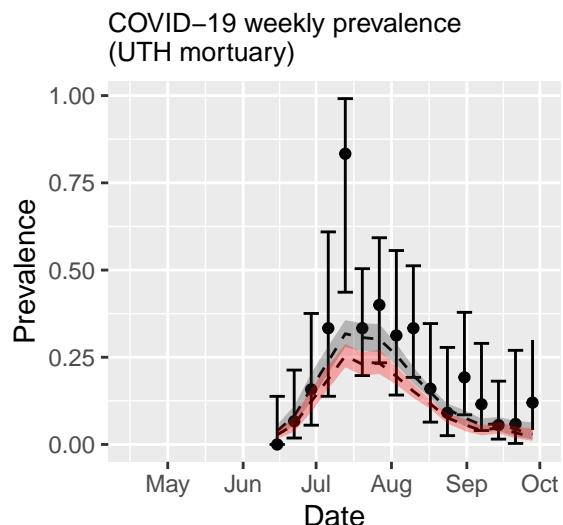
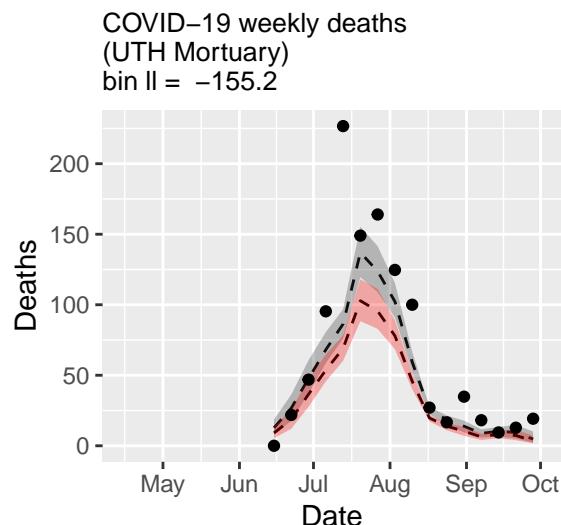


IFR x 0.6, Slope x 1.666666666666667  
COVID-19 weekly deaths (Mortuary)  
pois II = -762.7

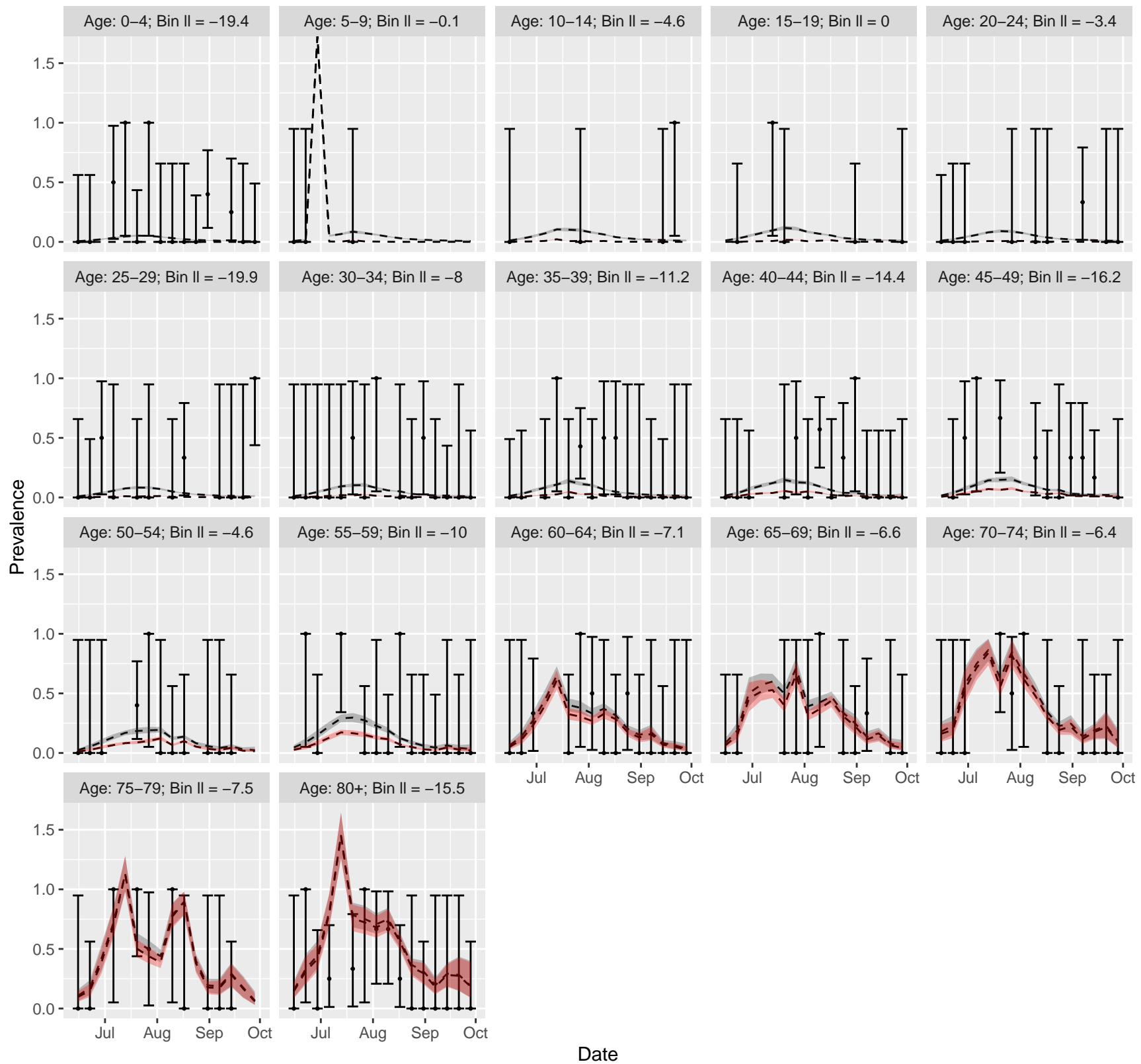


IFR x 0.6, Slope x 1.6666666666666667  
Modelled COVID-19 Combined prevalence Lusaka

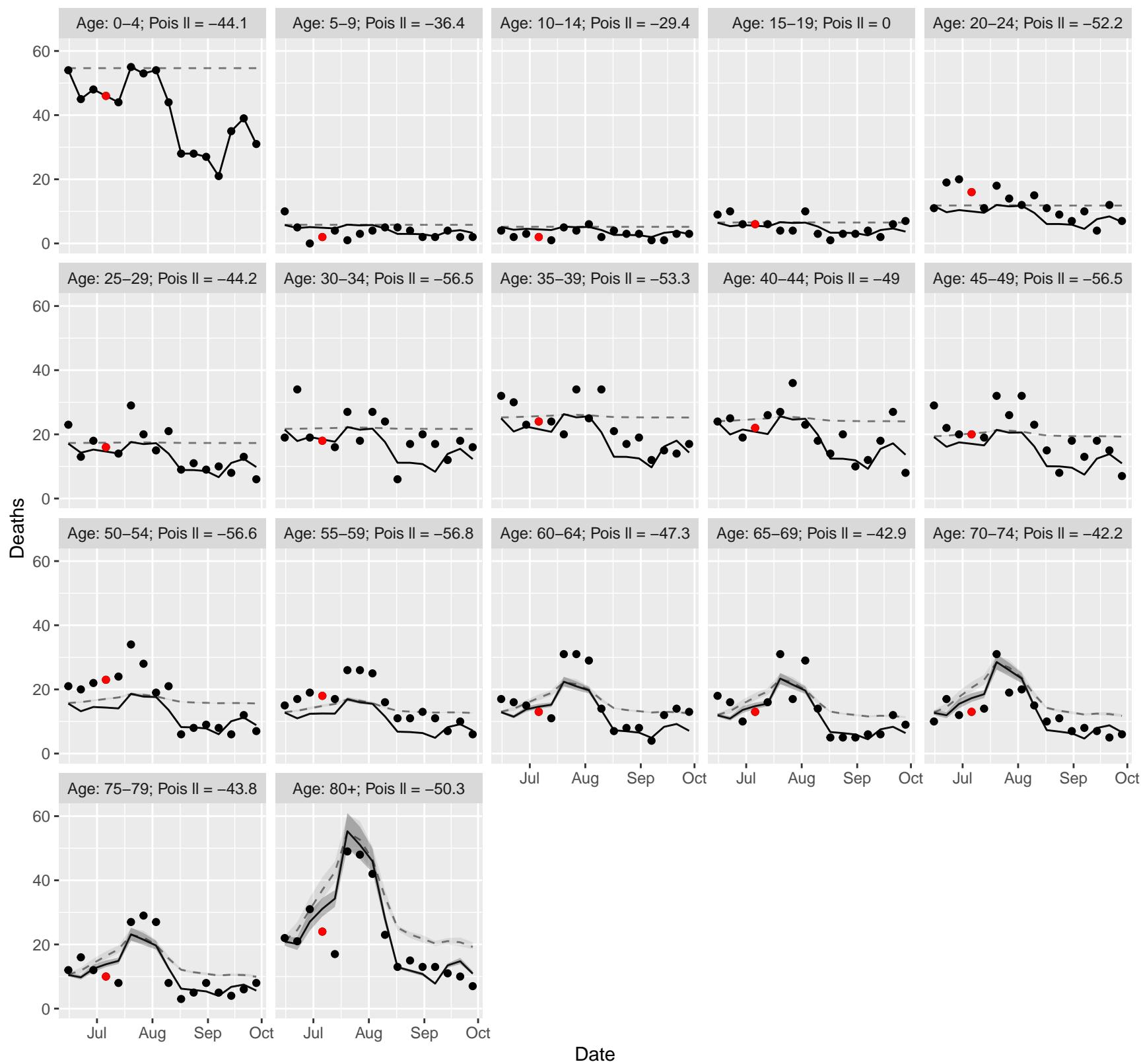




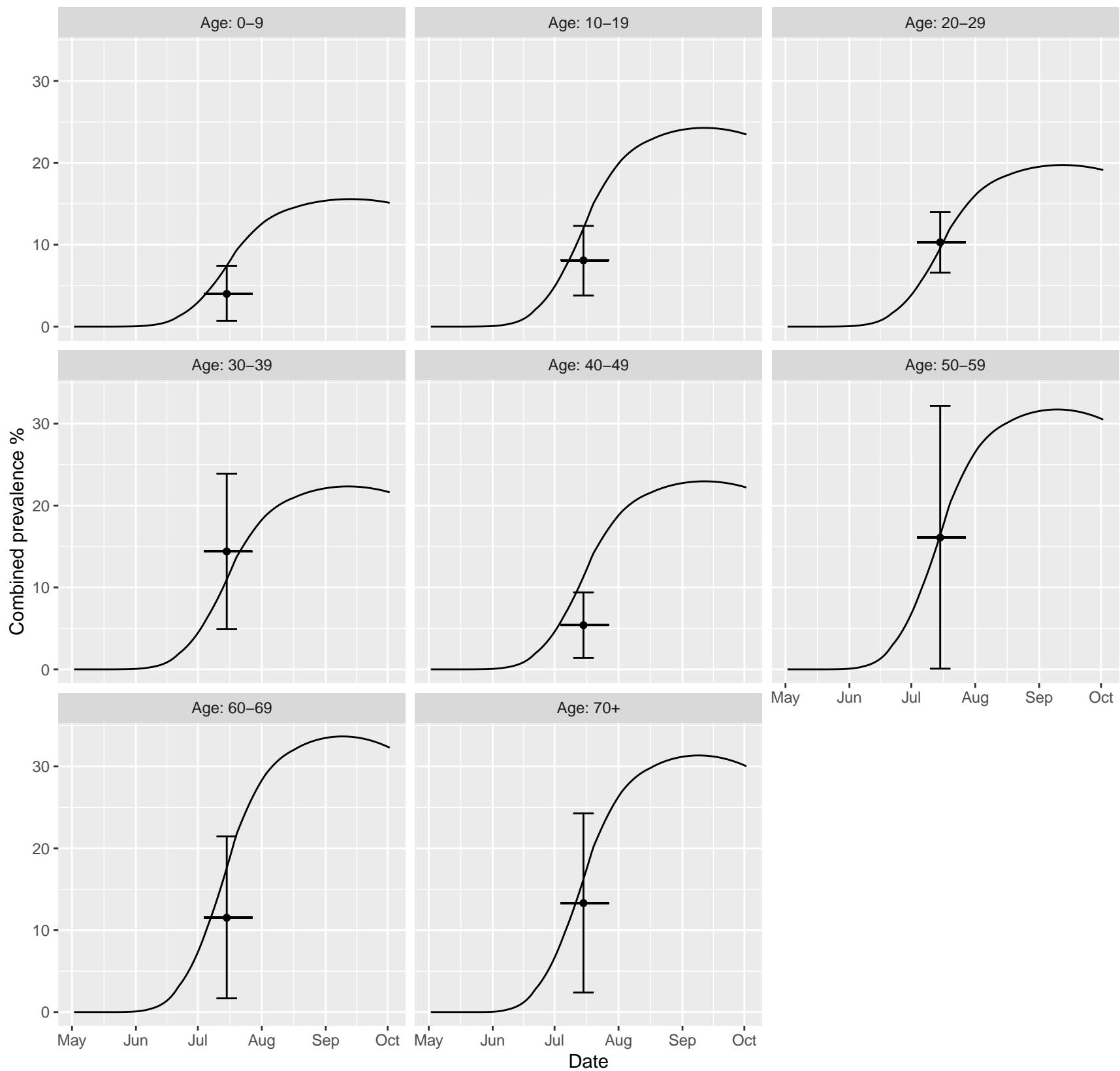
IFR x 0.8, Slope x 1.666666666666667  
COVID-19 weekly prevalence (Mortuary)  
bin II = -155.2

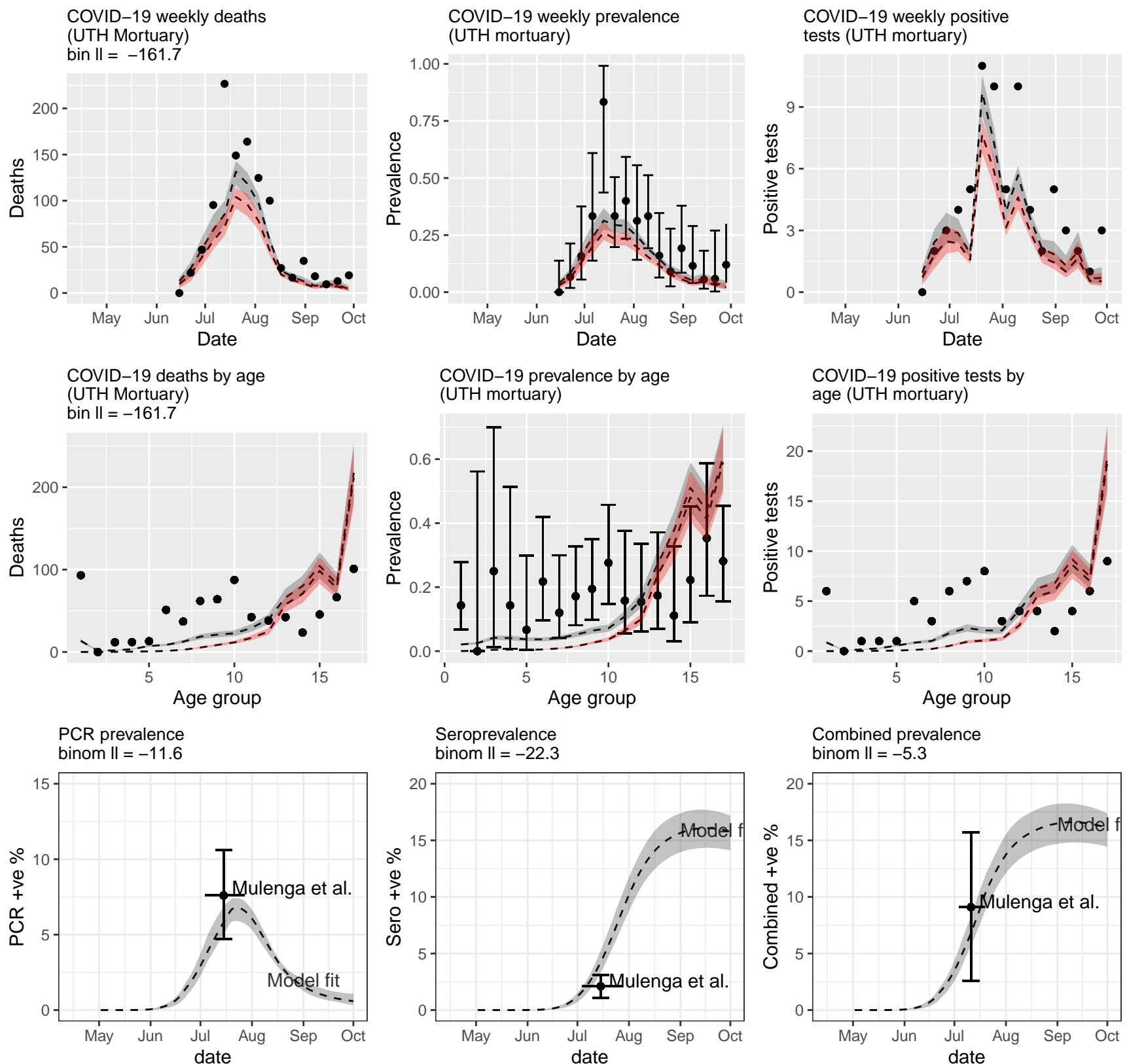


IFR x 0.8, Slope x 1.666666666666667  
COVID-19 weekly deaths (Mortuary)  
pois II = -761.5

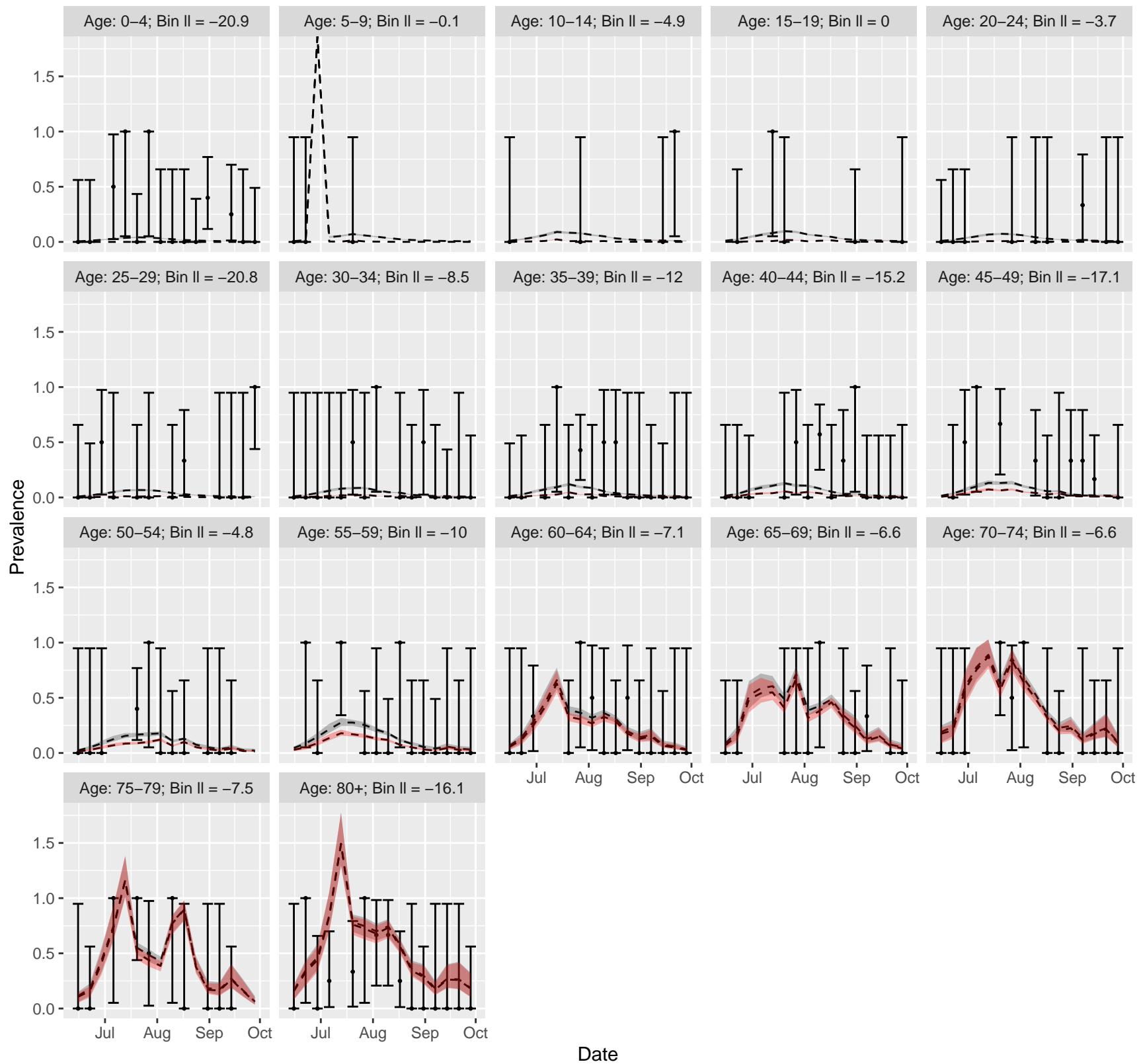


IFR x 0.8, Slope x 1.666666666666667  
Modelled COVID-19 Combined prevalence Lusaka

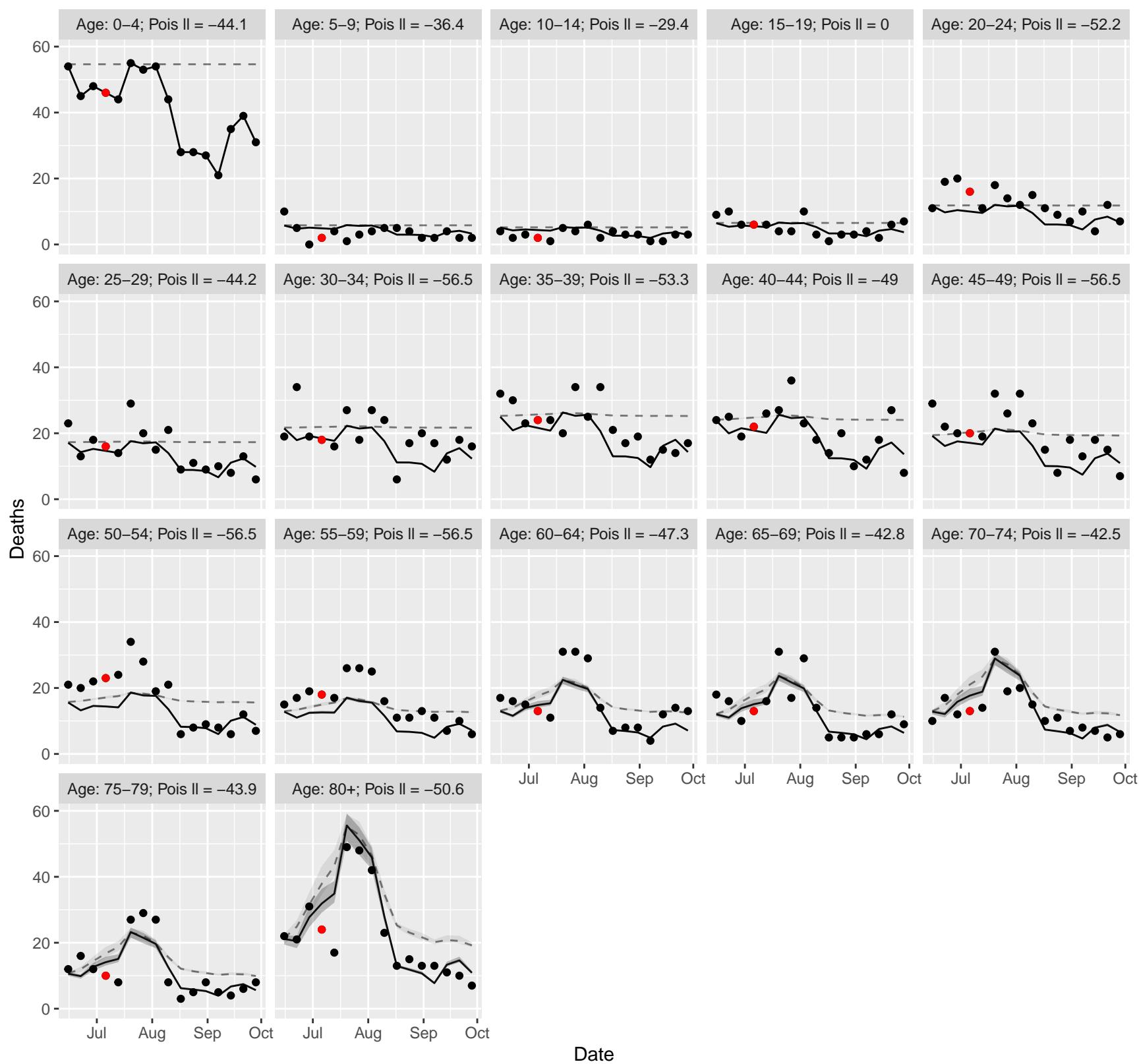




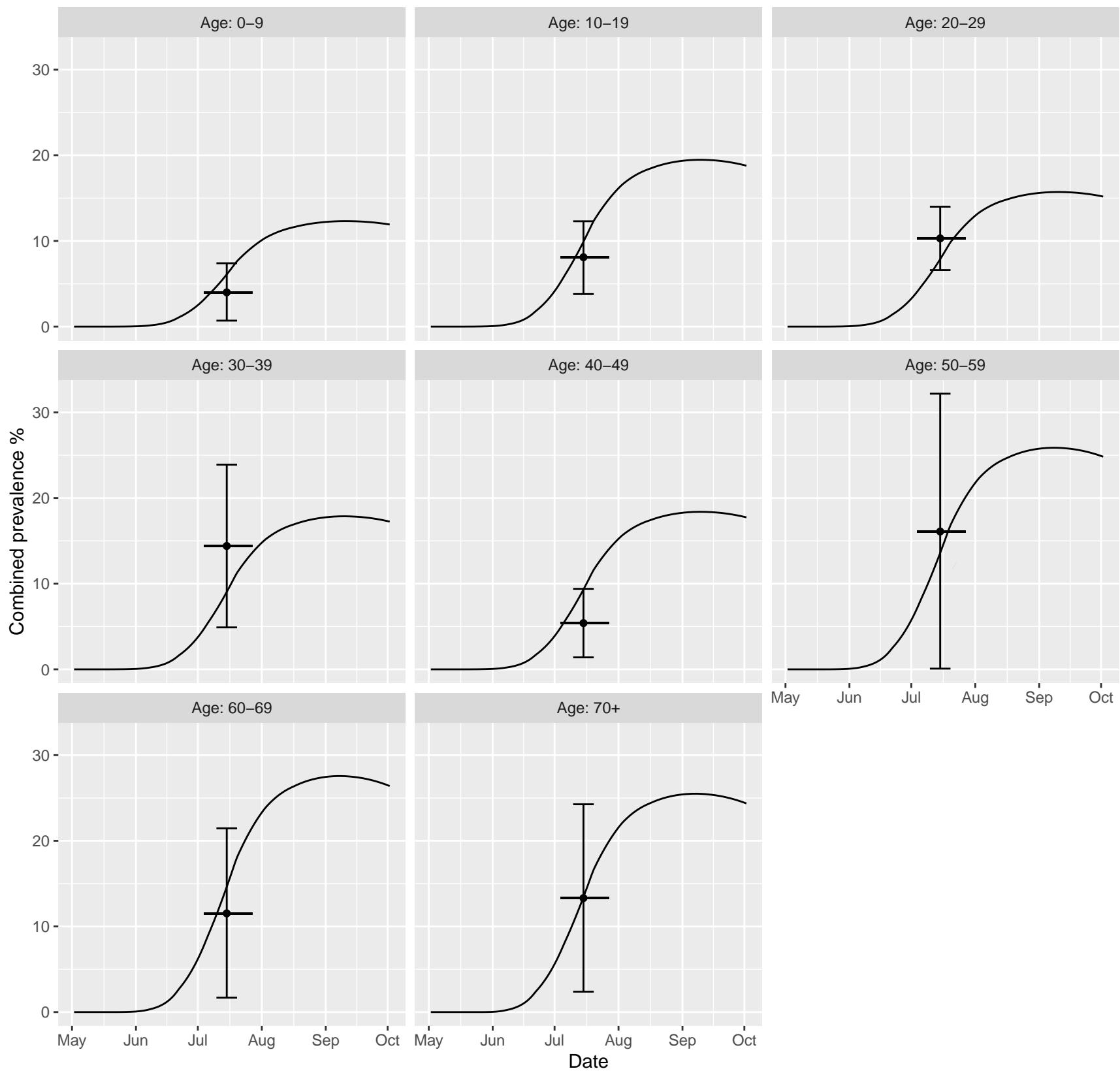
IFR x 1, Slope x 1.6666666666666667  
COVID-19 weekly prevalence (Mortuary)  
bin II = -161.7

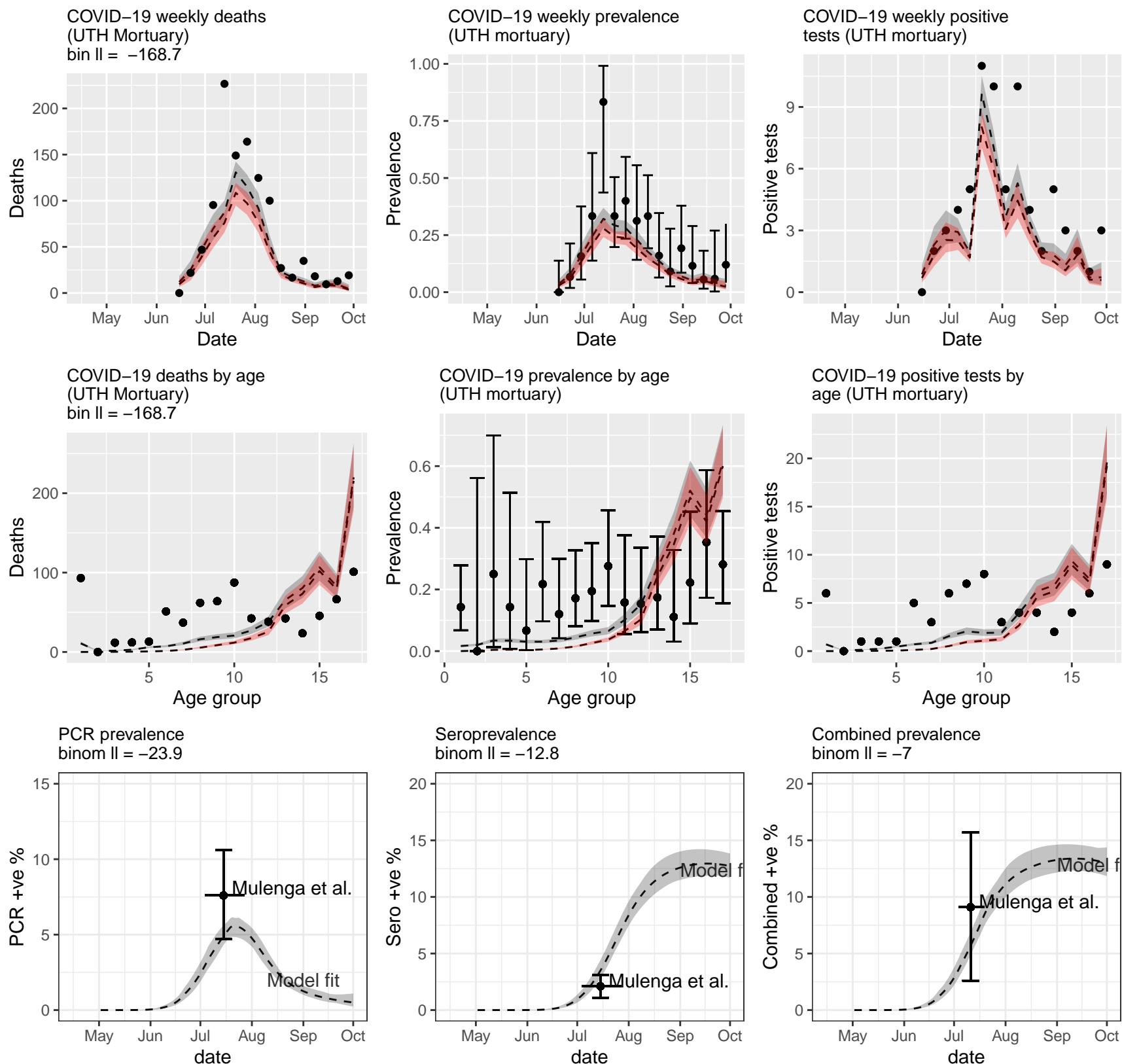


IFR x 1, Slope x 1.6666666666666667  
COVID-19 weekly deaths (Mortuary)  
pois II = -761.6

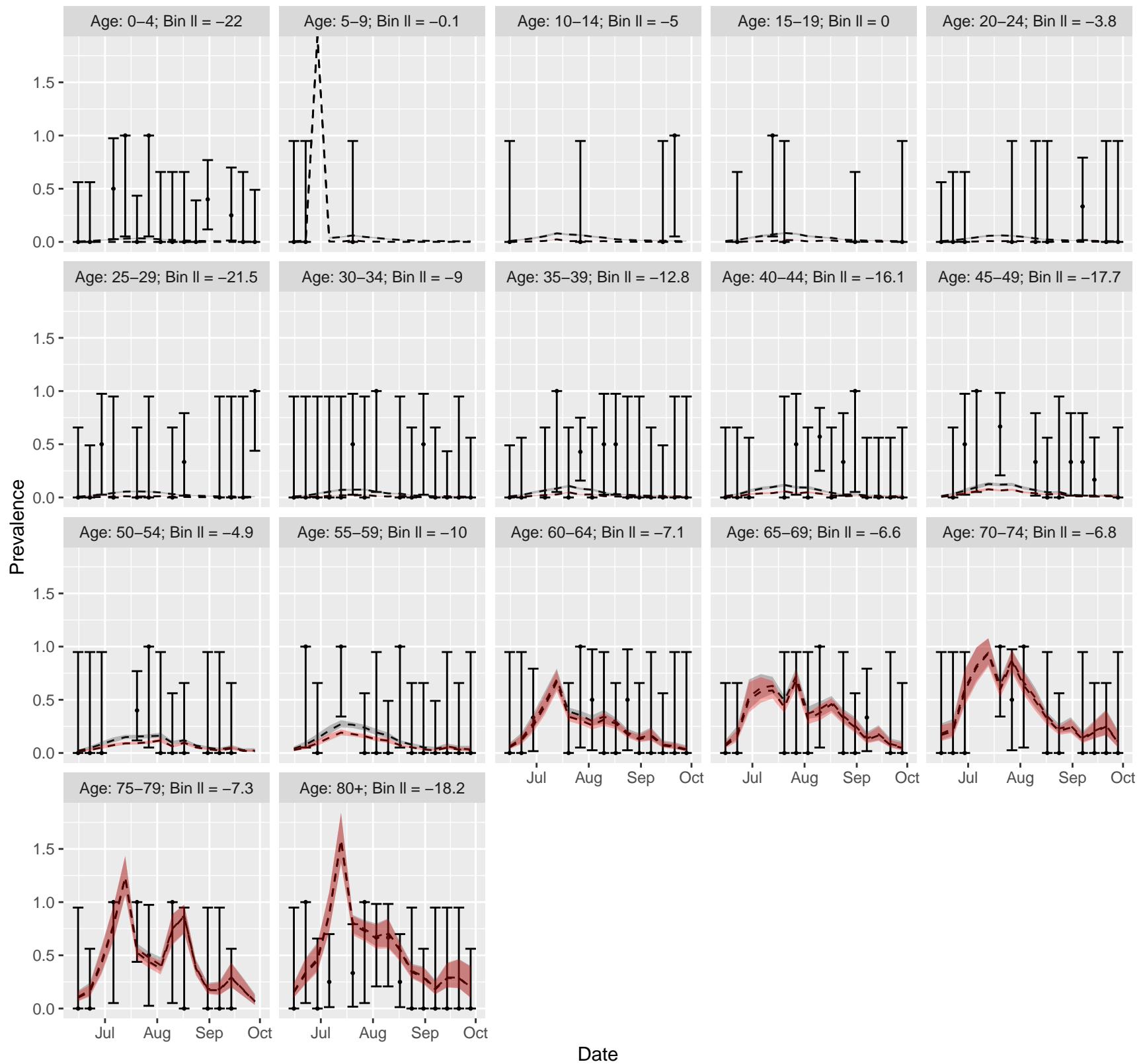


IFR x 1, Slope x 1.66666666666667  
Modelled COVID-19 Combined prevalence Lusaka





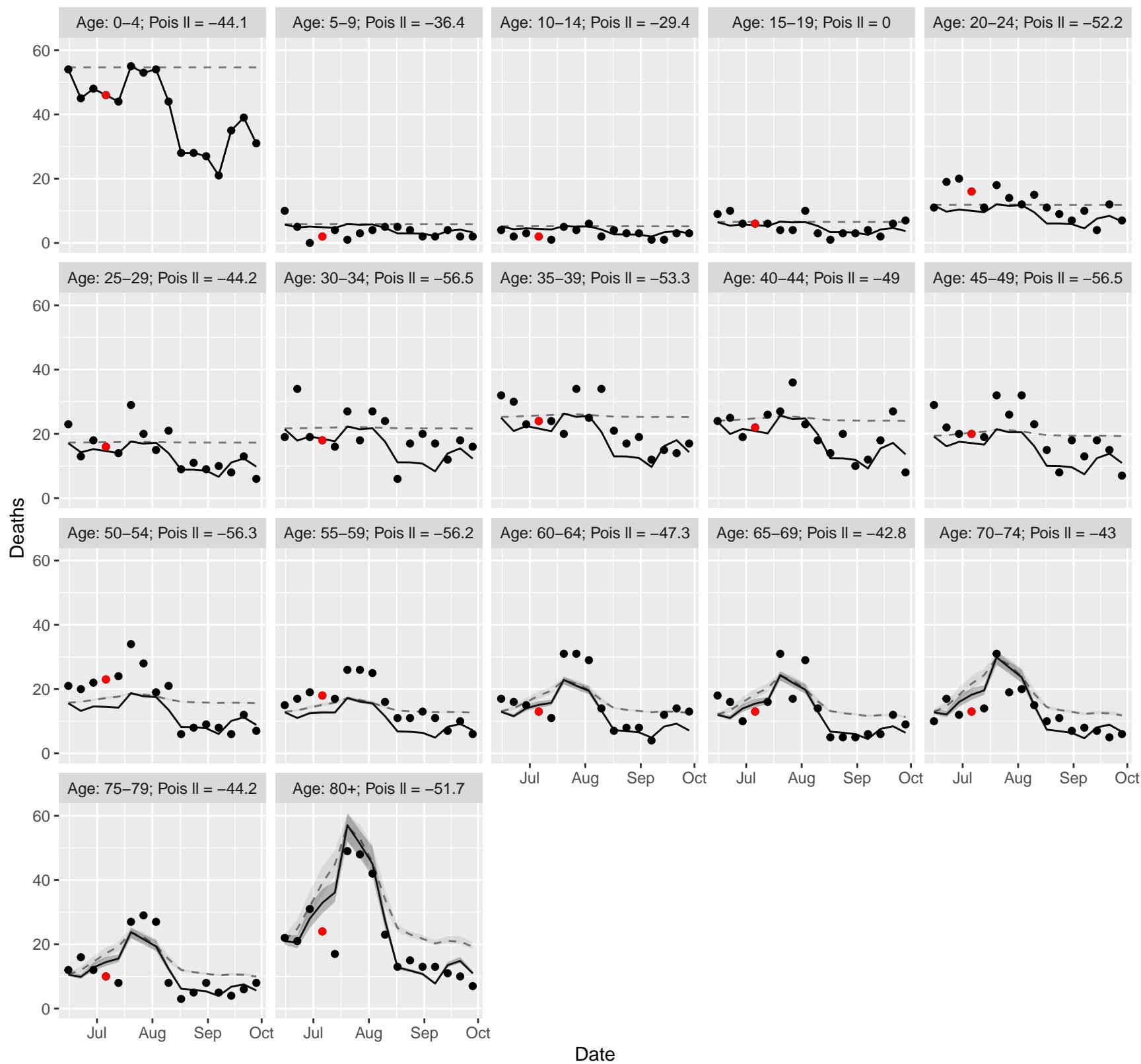
IFR x 1.25, Slope x 1.666666666666667  
COVID-19 weekly prevalence (Mortuary)  
bin II = -168.7



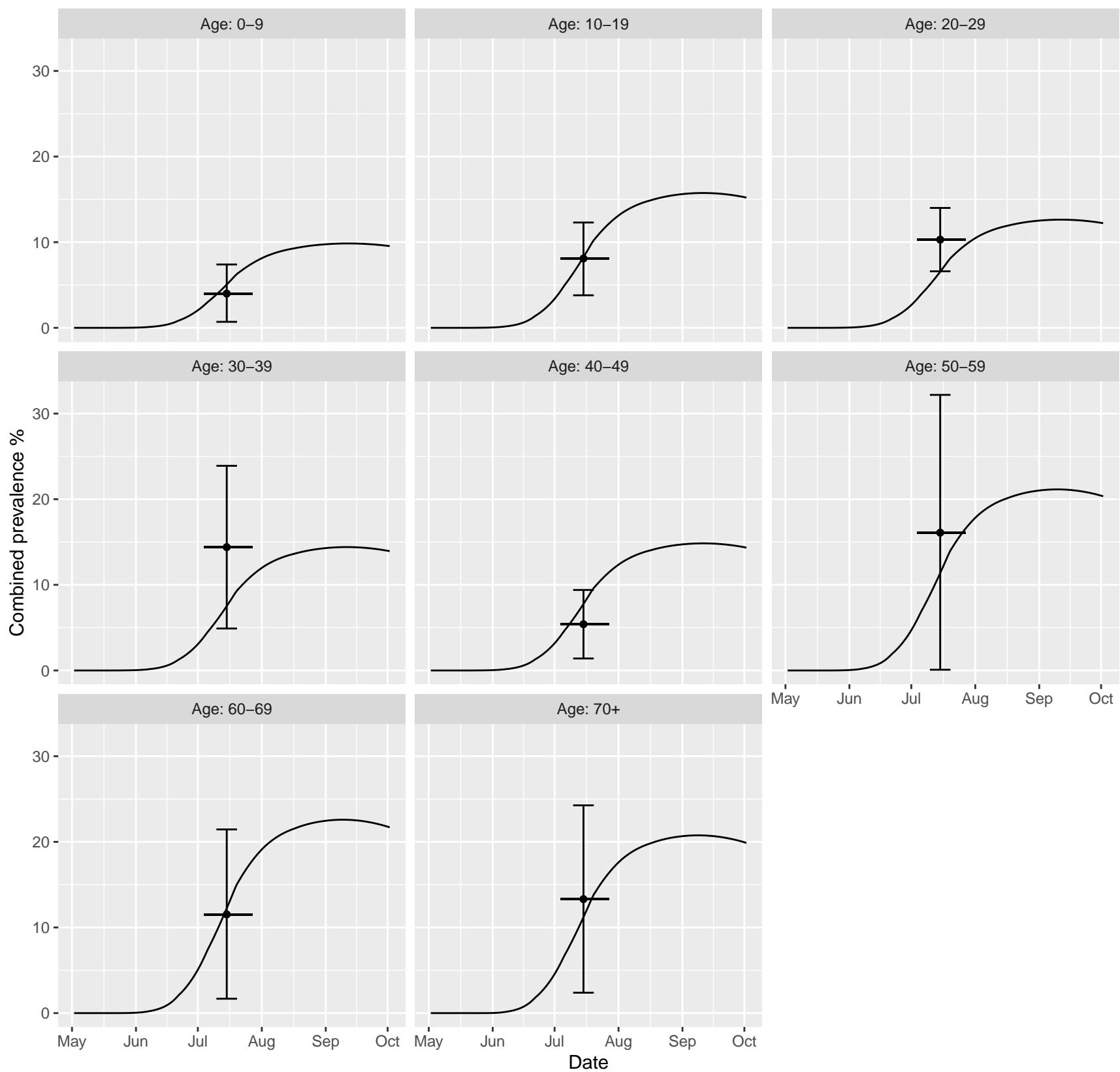
IFR x 1.25, Slope x 1.6666666666666667

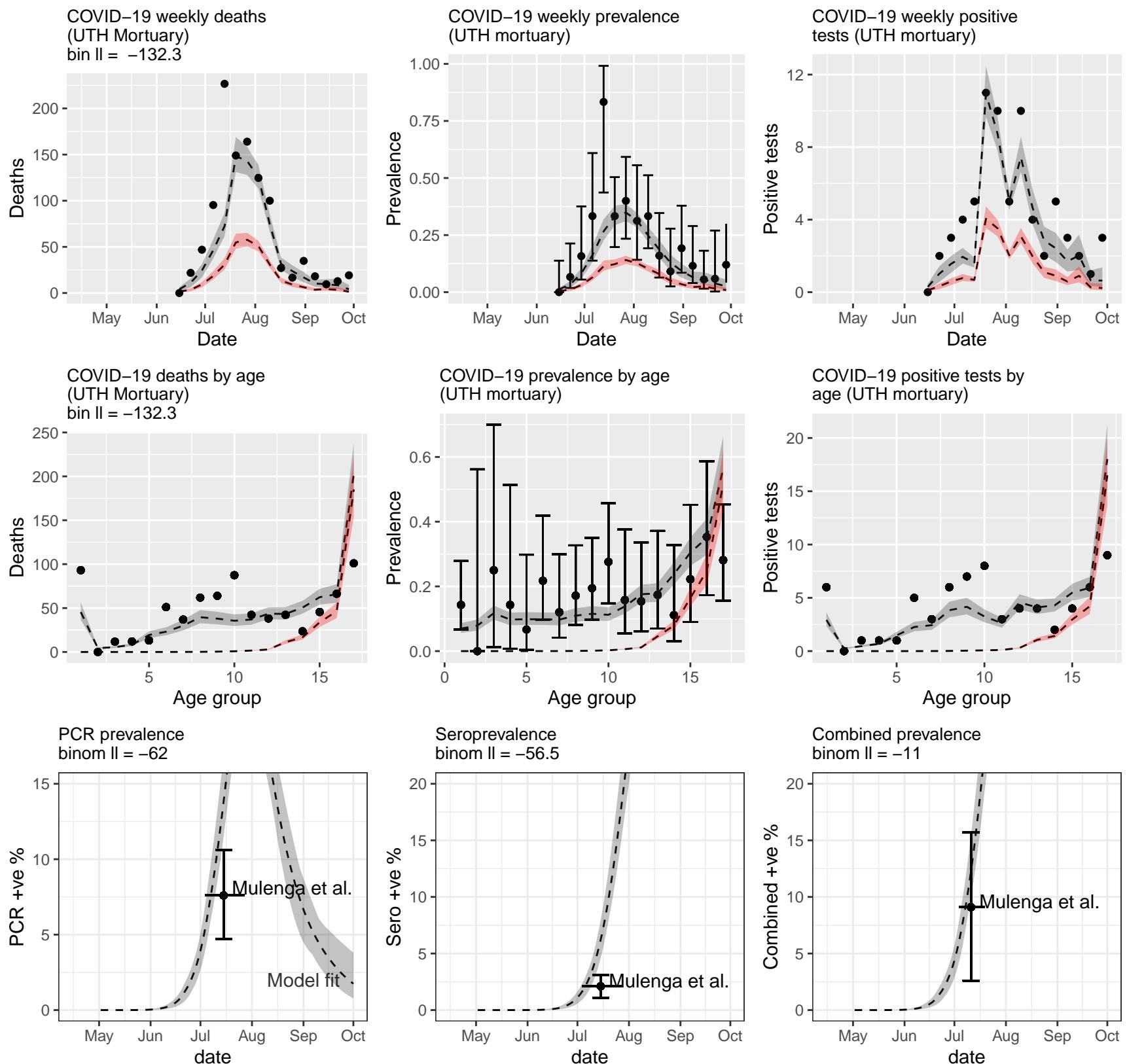
COVID-19 weekly deaths (Mortuary)

pois II = -763



IFR x 1.25, Slope x 1.6666666666666667  
Modelled COVID-19 Combined prevalence Lusaka

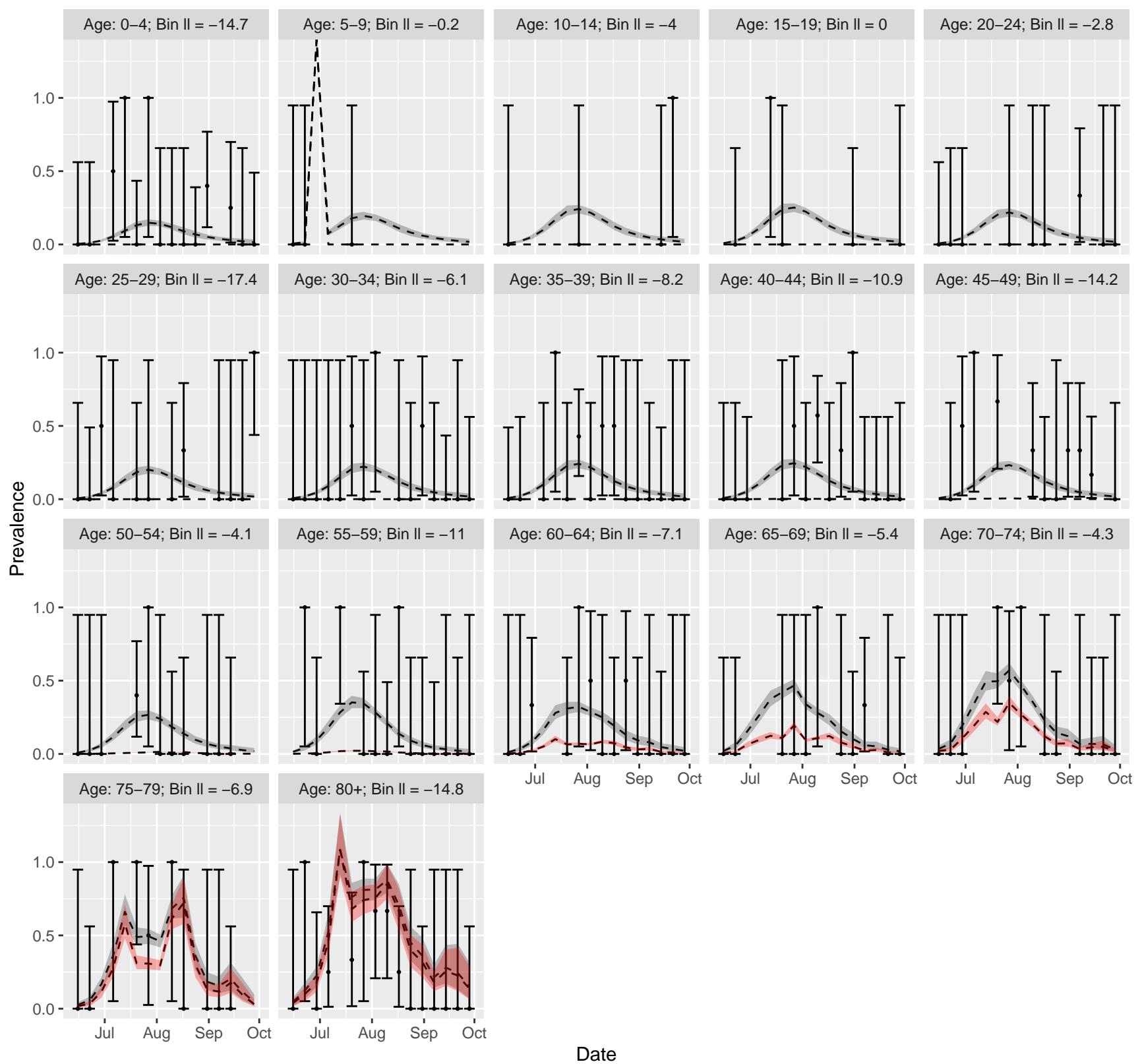




IFR x 0.2, Slope x 2.5

COVID-19 weekly prevalence (Mortuary)

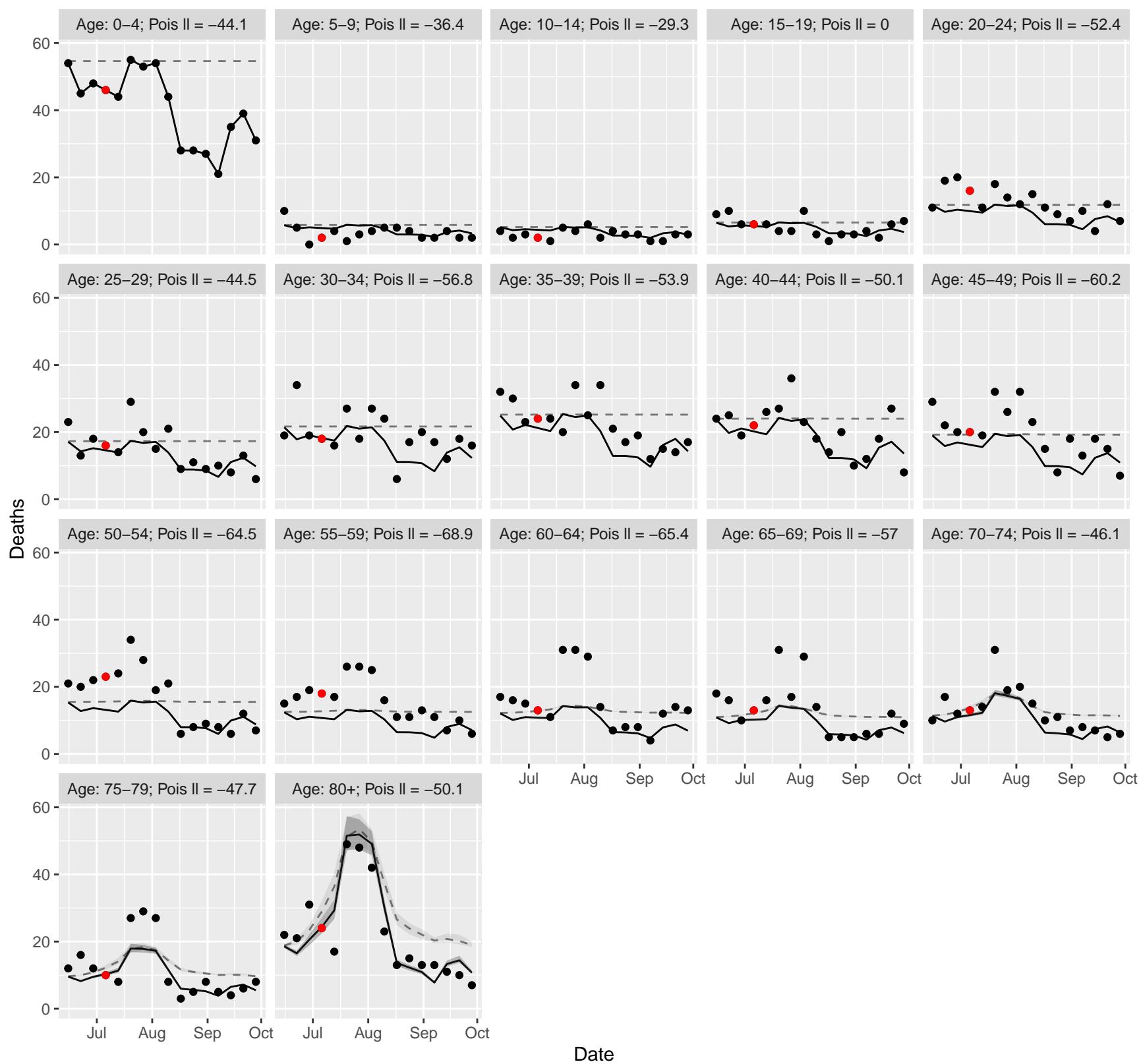
bin II = -132.3



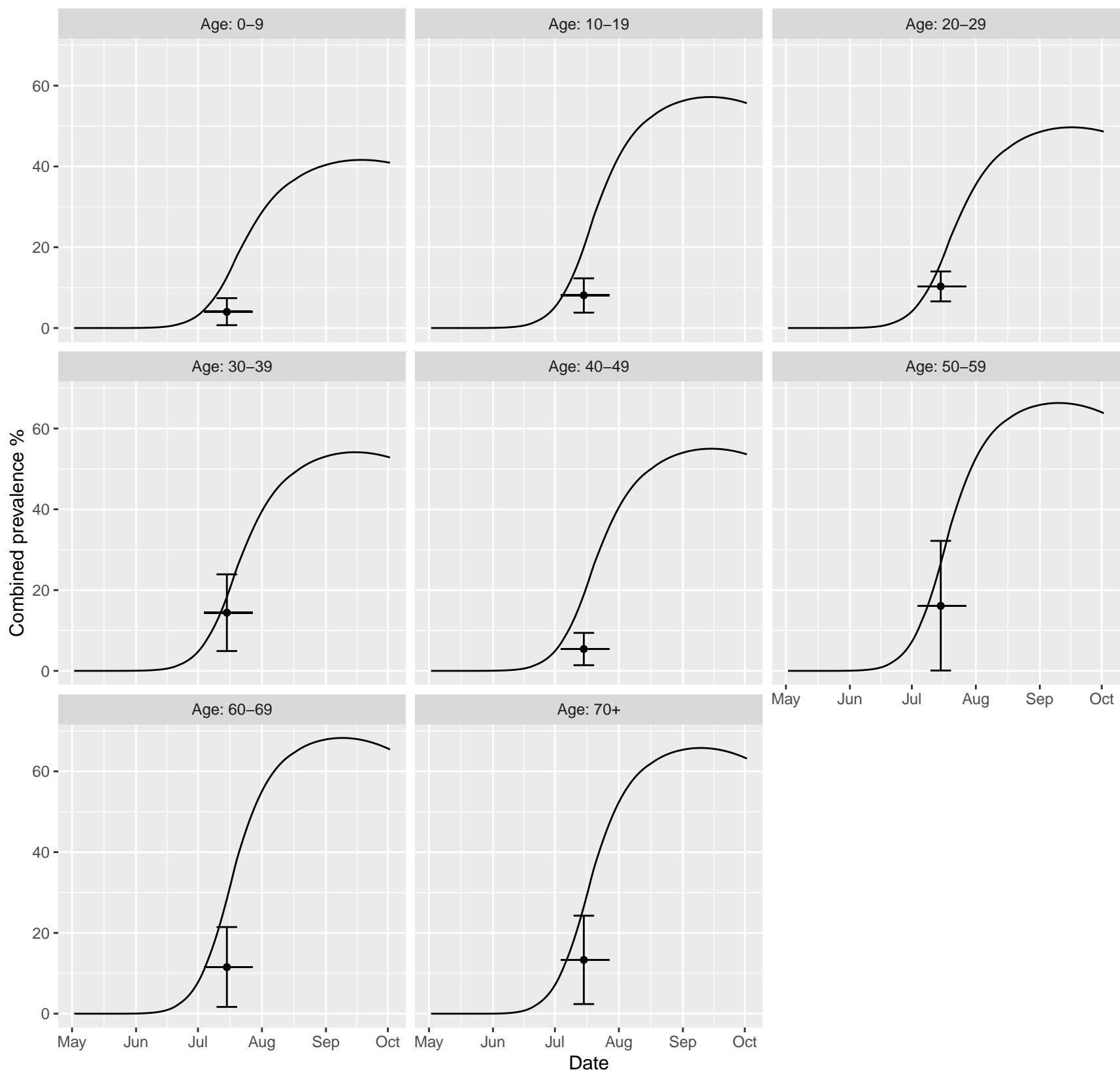
IFR x 0.2, Slope x 2.5

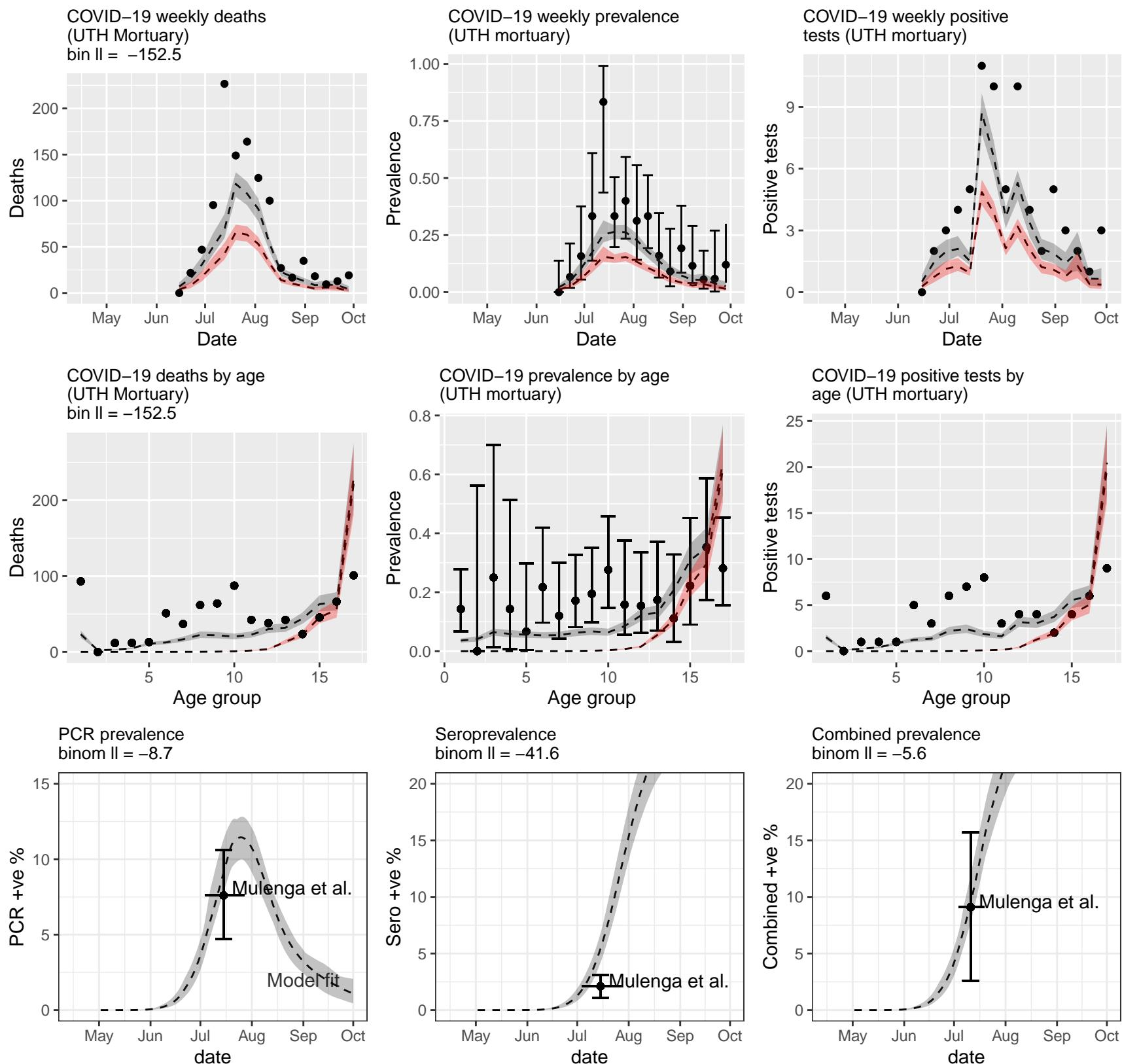
COVID-19 weekly deaths (Mortuary)

pois II = -827.3



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

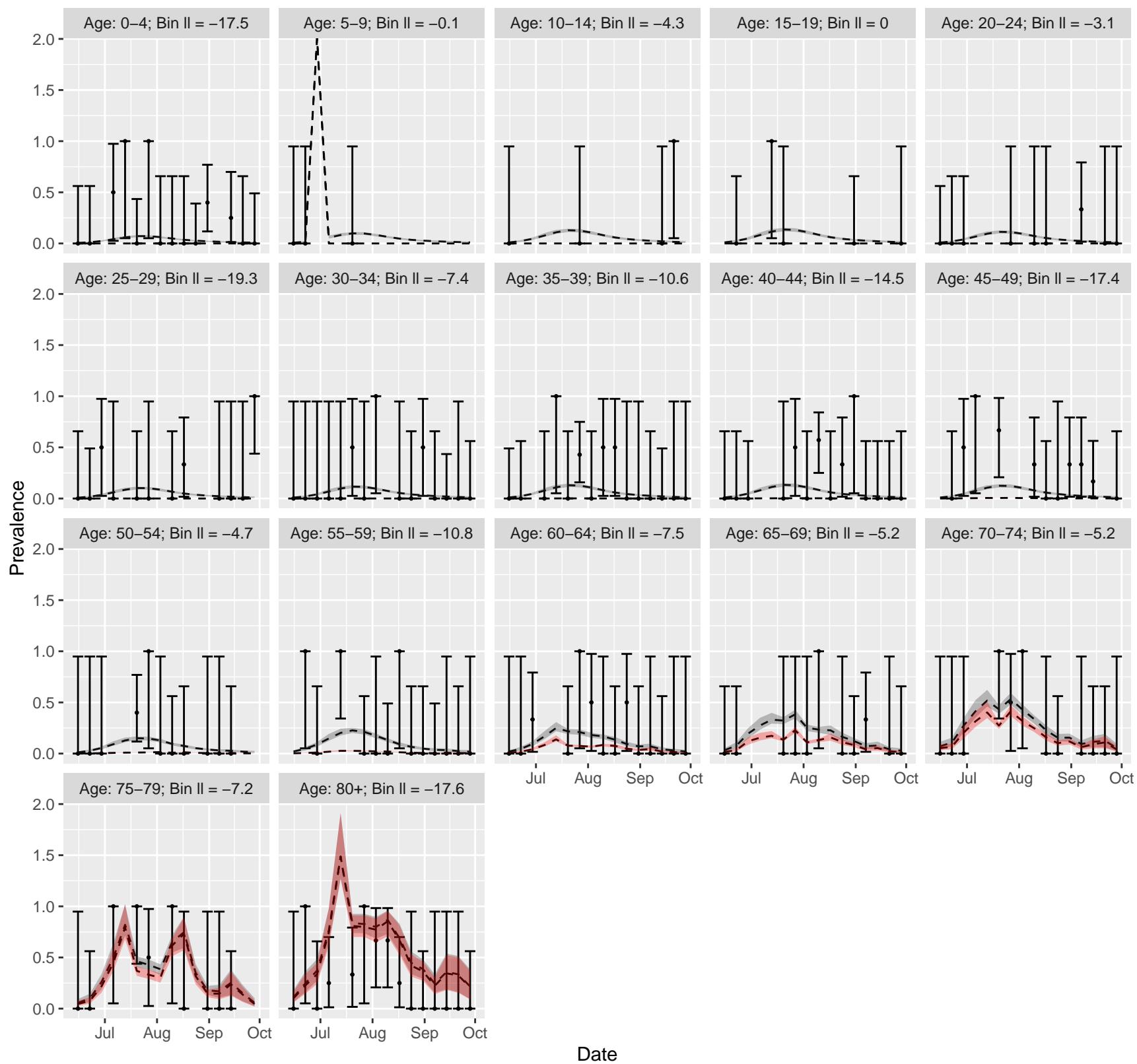




IFR x 0.4, Slope x 2.5

COVID-19 weekly prevalence (Mortuary)

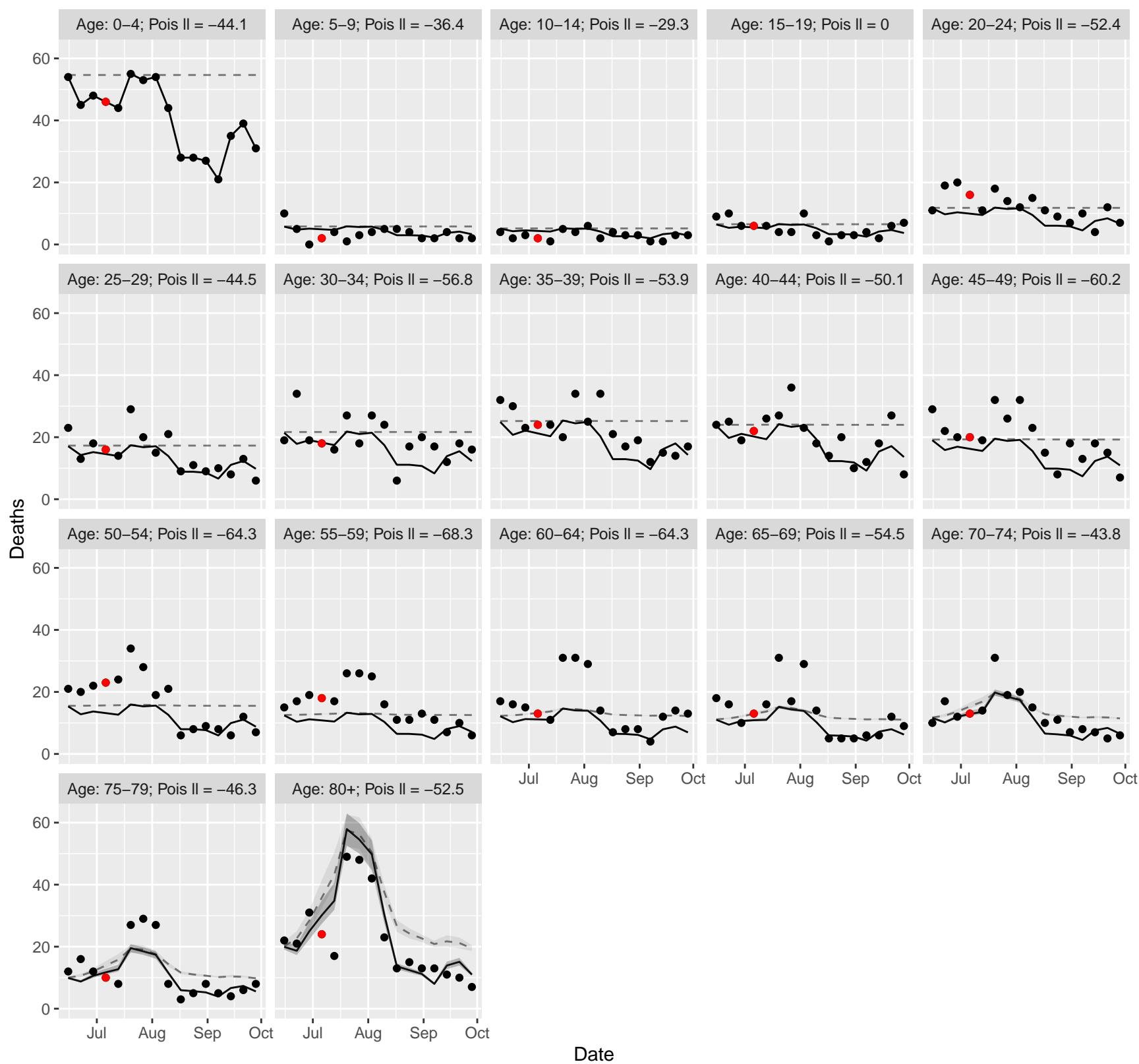
bin II = -152.5



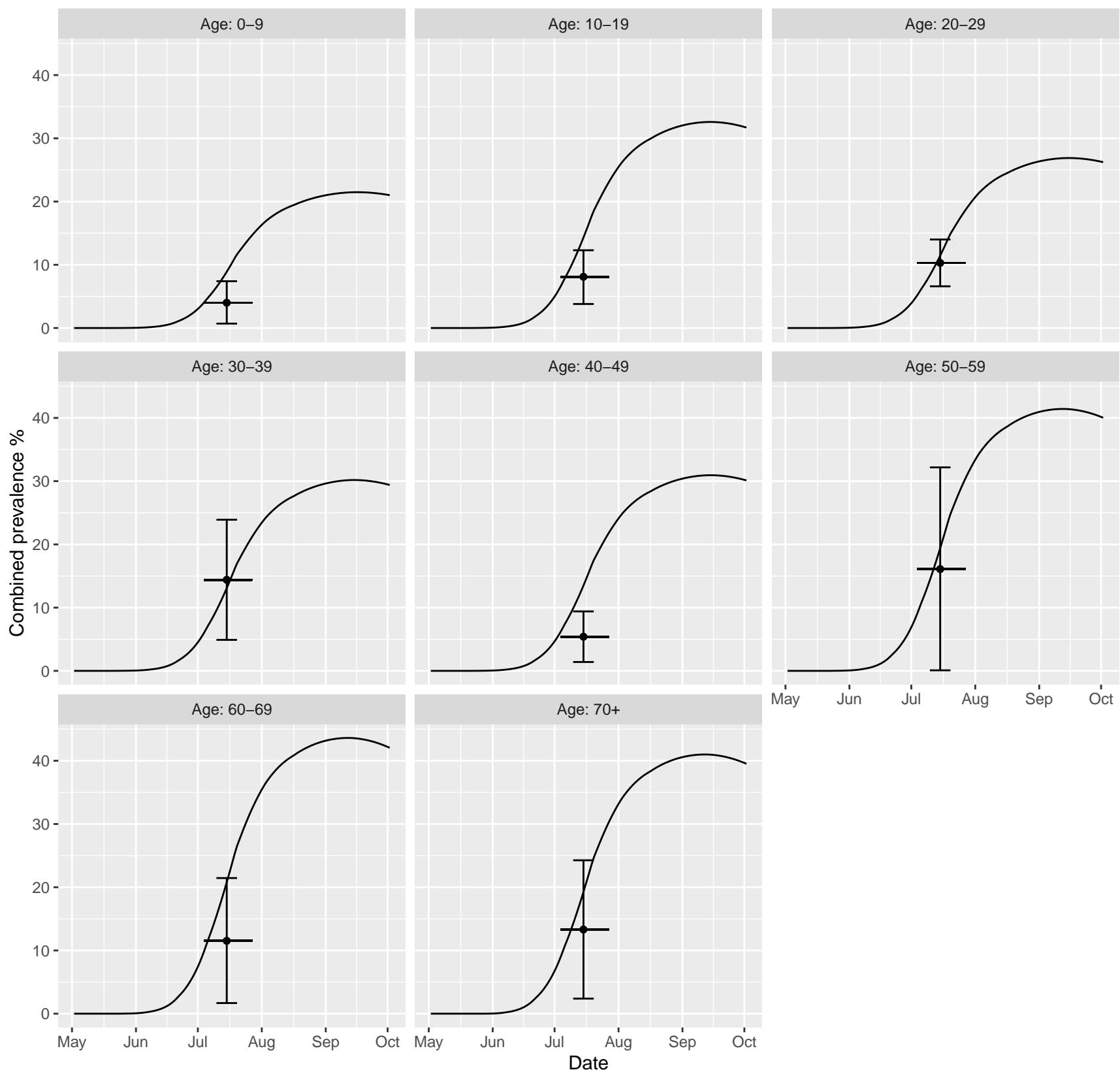
IFR x 0.4, Slope x 2.5

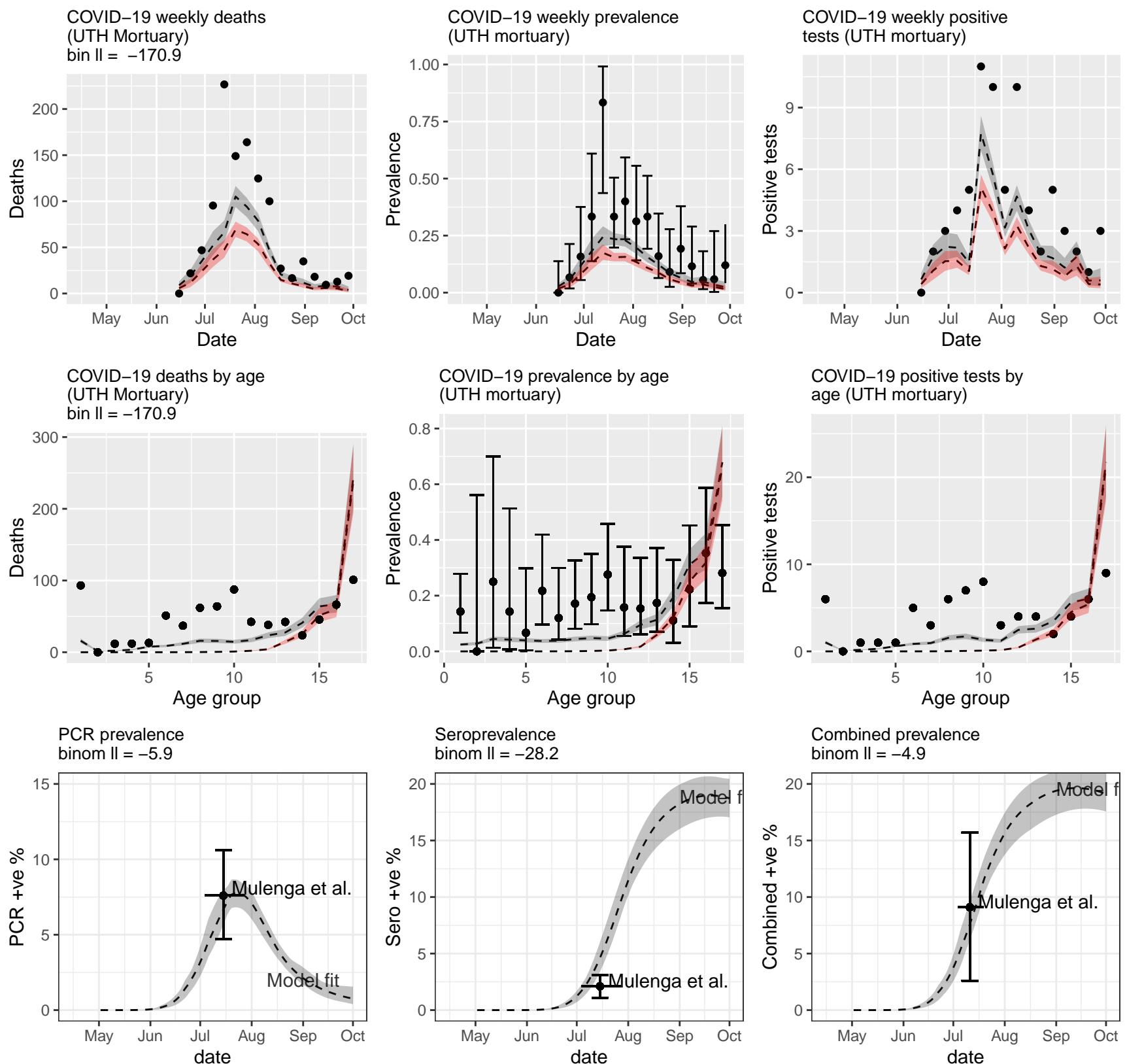
COVID-19 weekly deaths (Mortuary)

pois II = -821.7



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

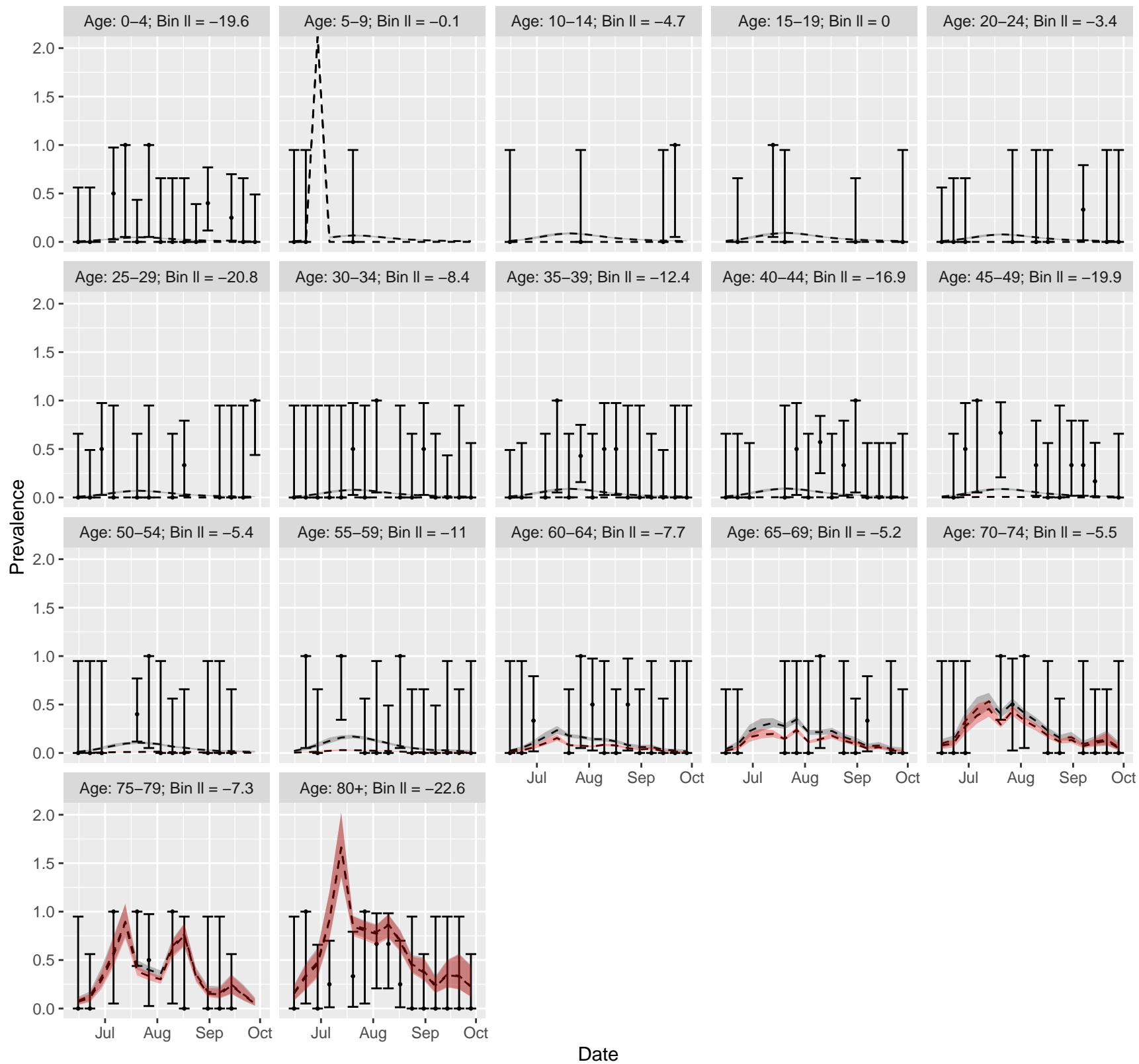




IFR x 0.6, Slope x 2.5

COVID-19 weekly prevalence (Mortuary)

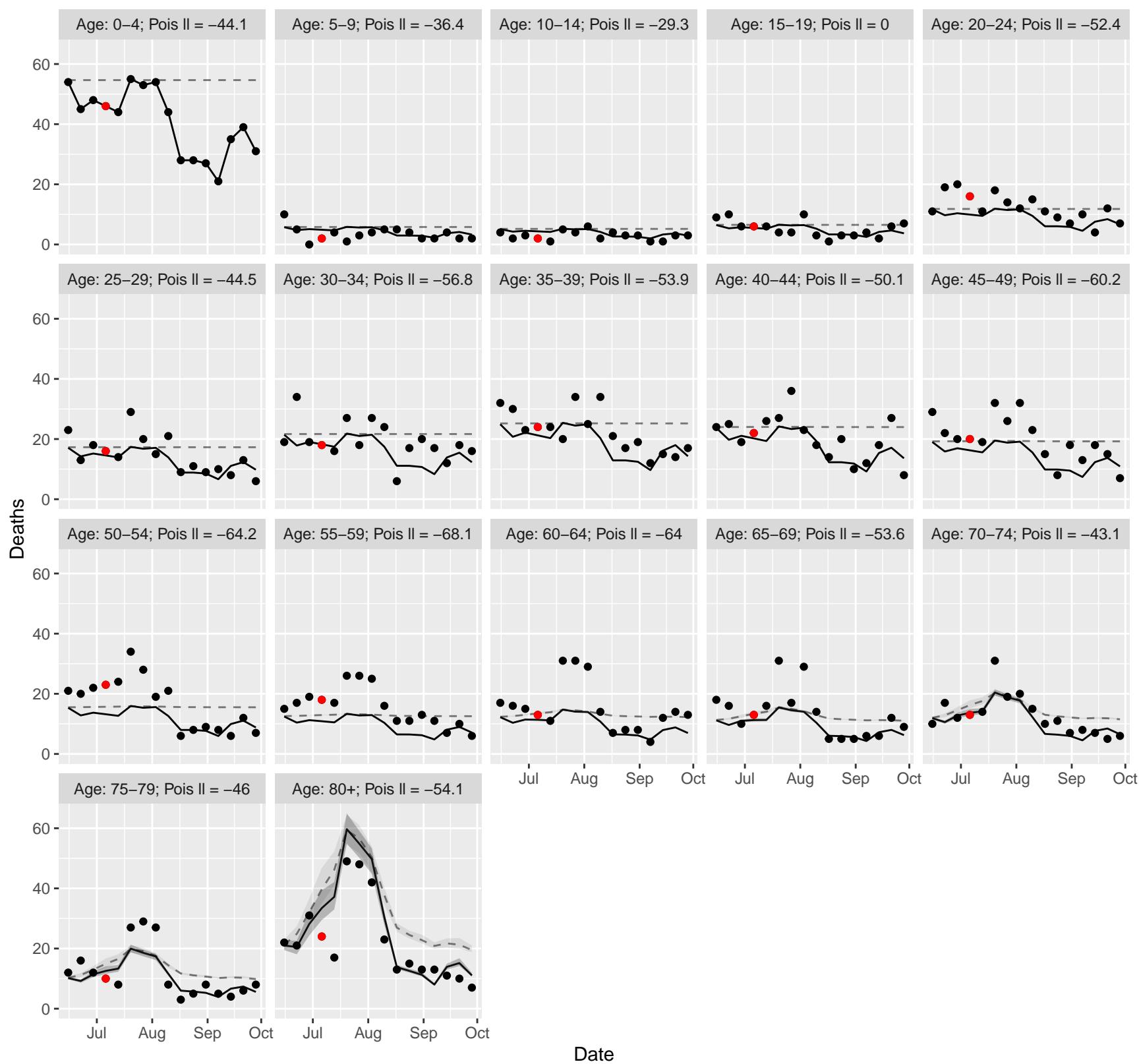
bin II = -170.9



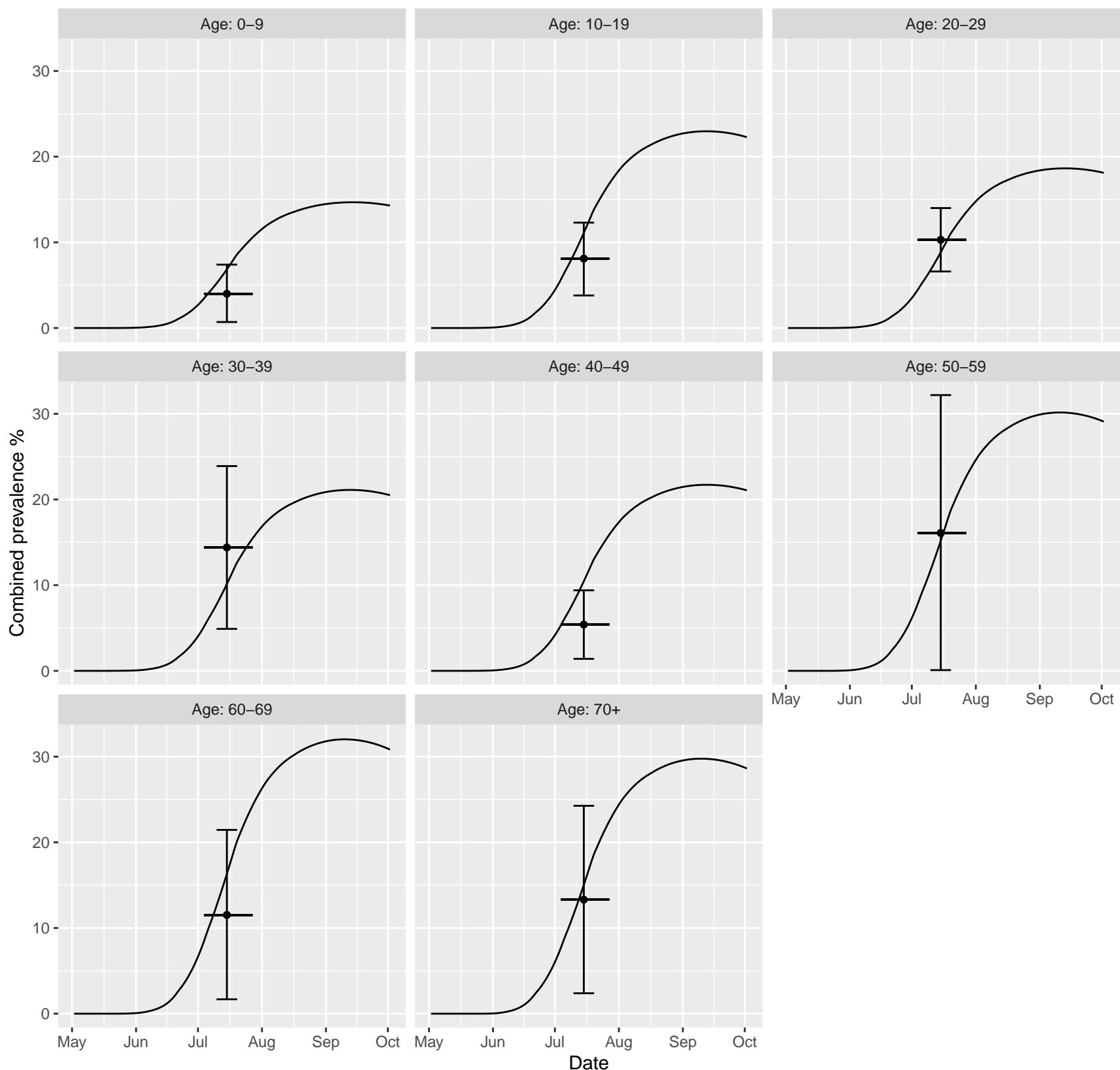
IFR x 0.6, Slope x 2.5

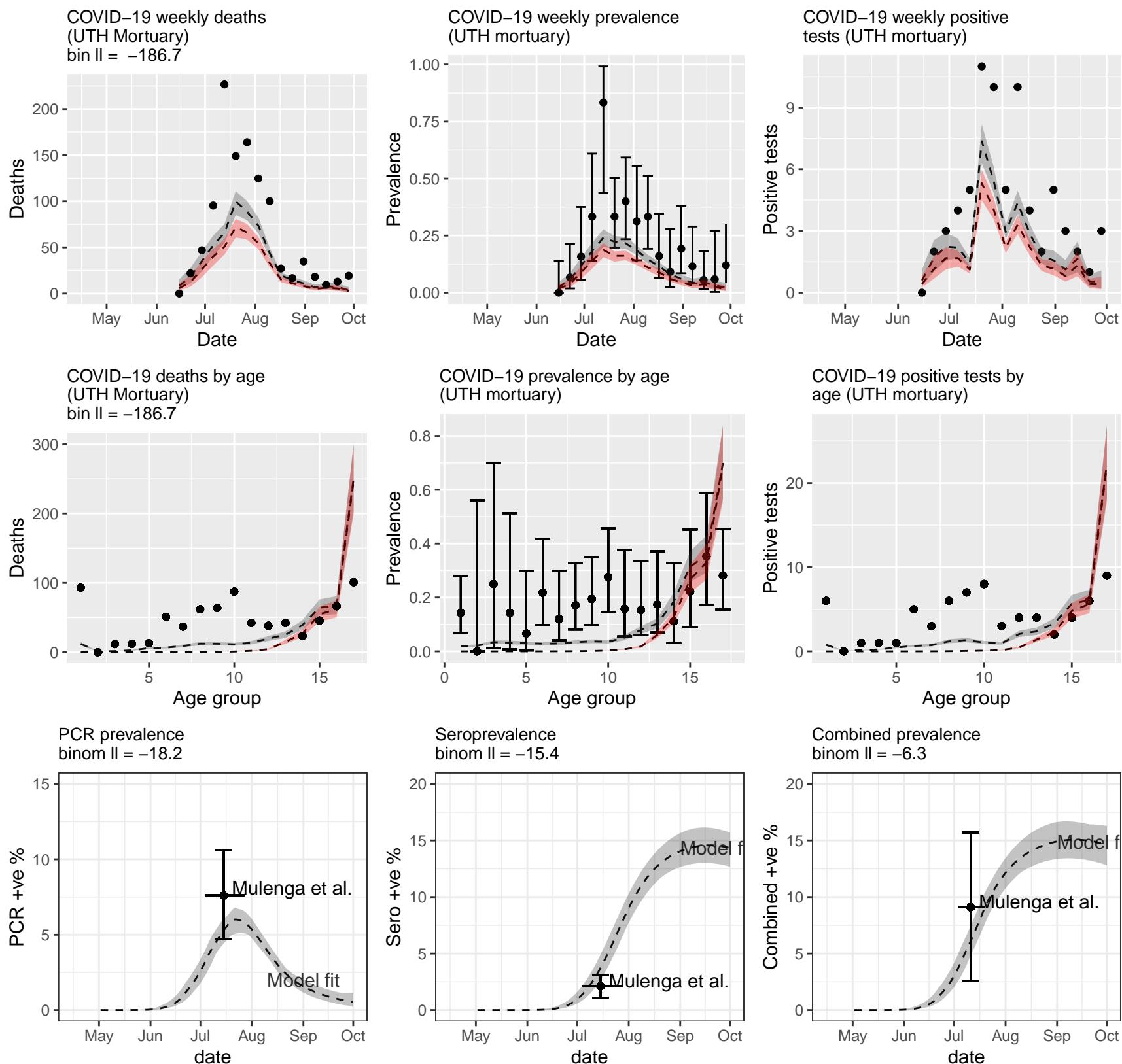
COVID-19 weekly deaths (Mortuary)

pois II = -820.7



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

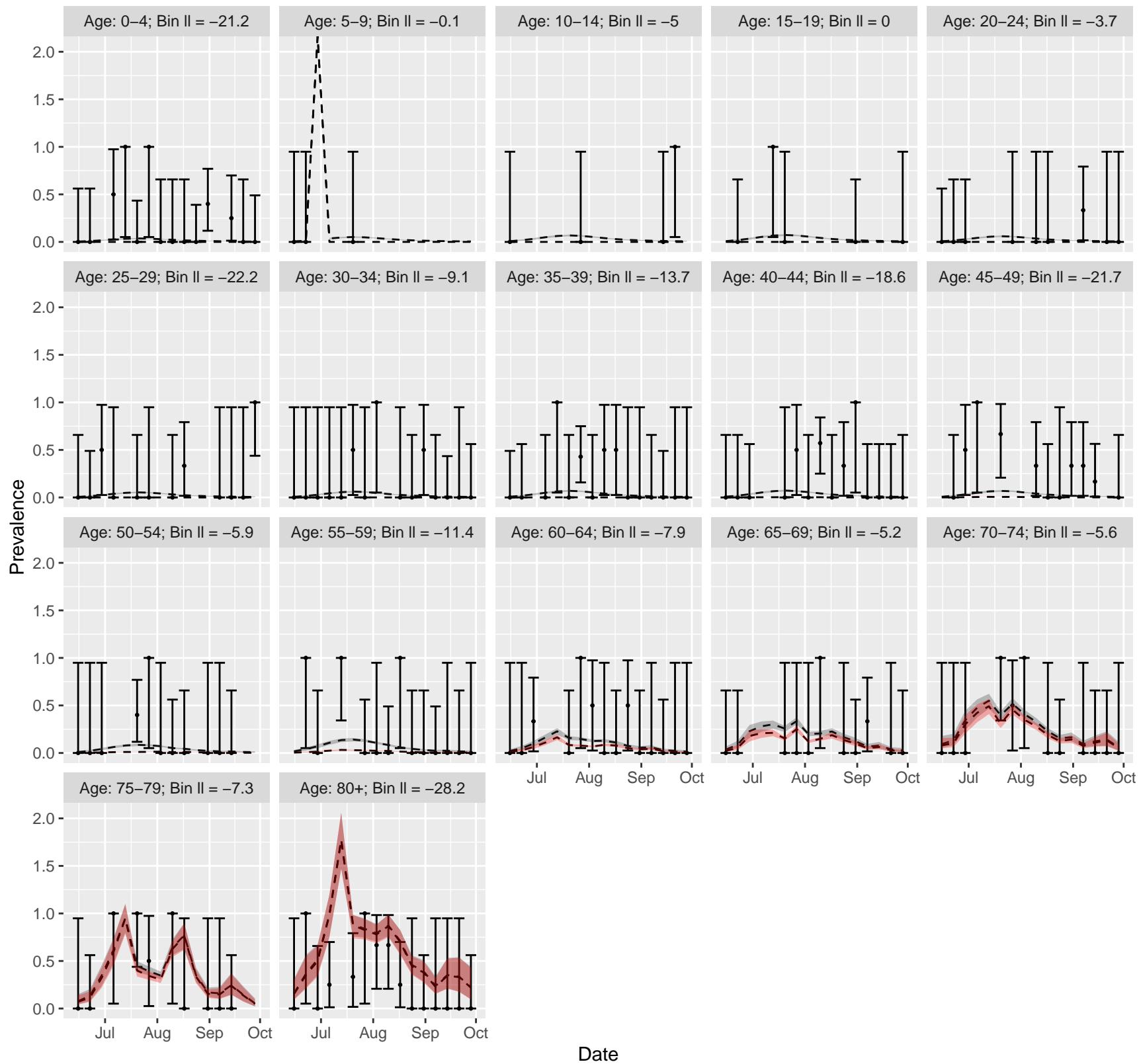




IFR x 0.8, Slope x 2.5

COVID-19 weekly prevalence (Mortuary)

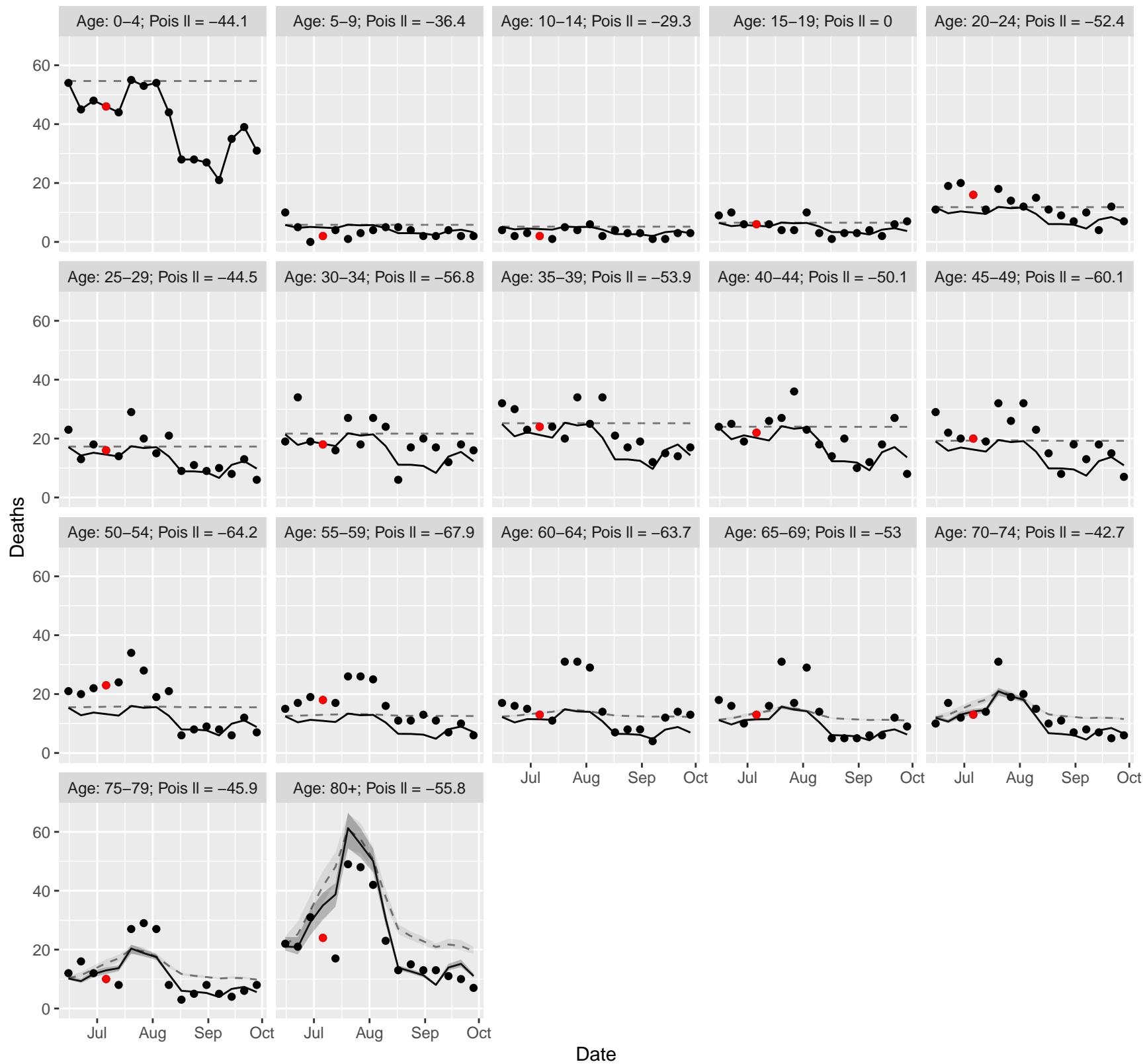
bin II = -186.7



IFR x 0.8, Slope x 2.5

COVID-19 weekly deaths (Mortuary)

pois II = -820.8



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

