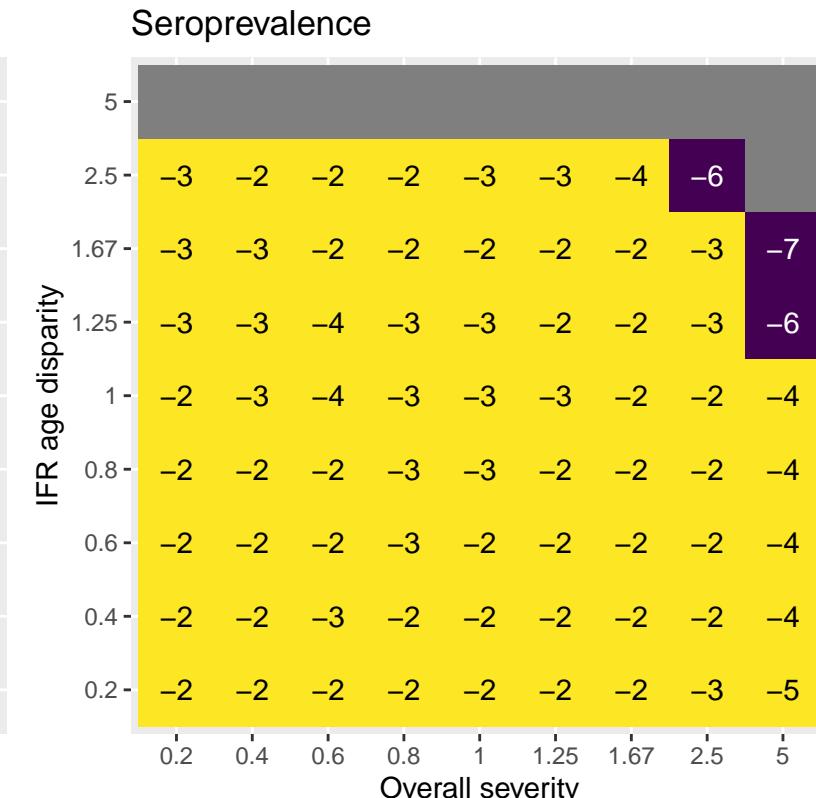
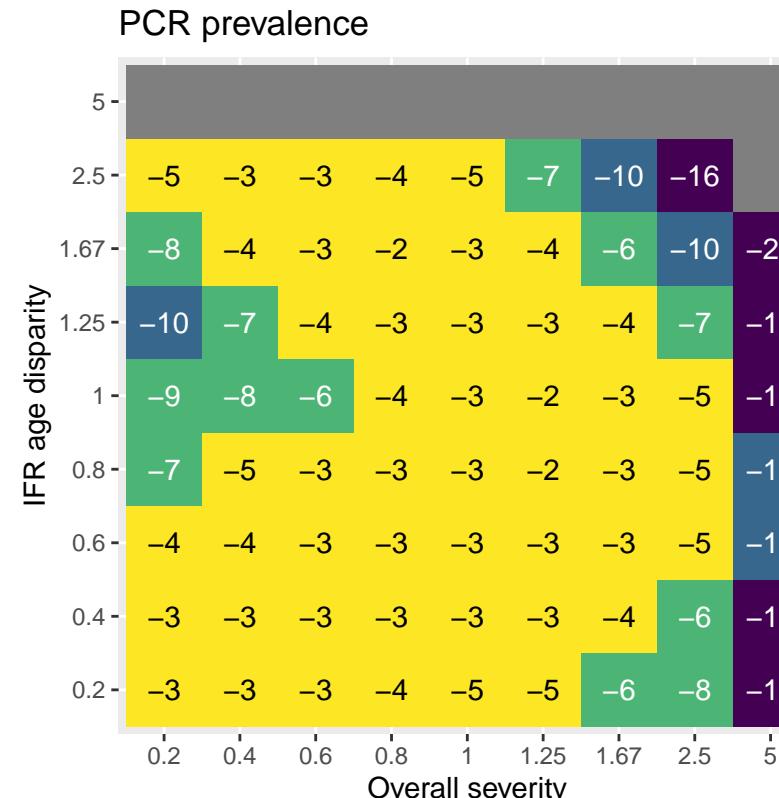
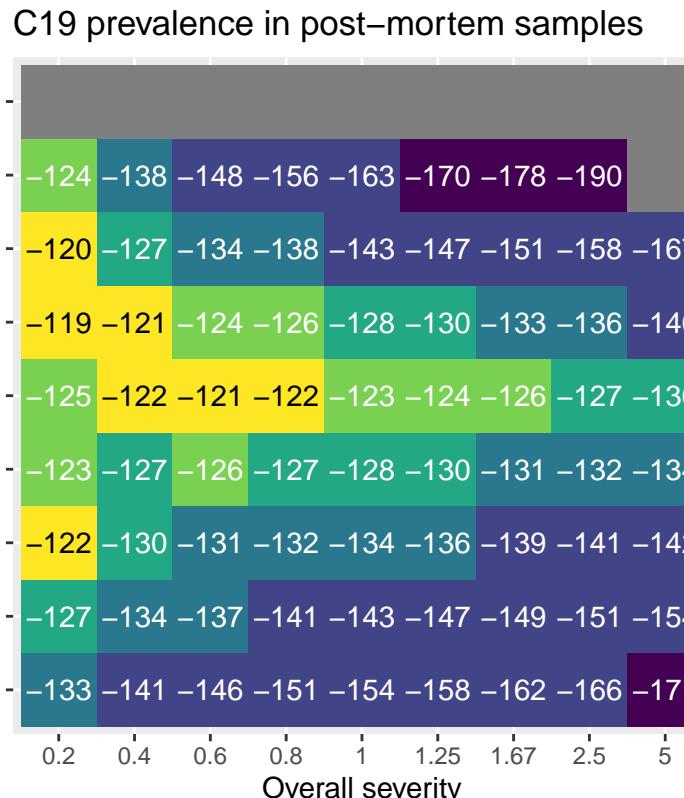
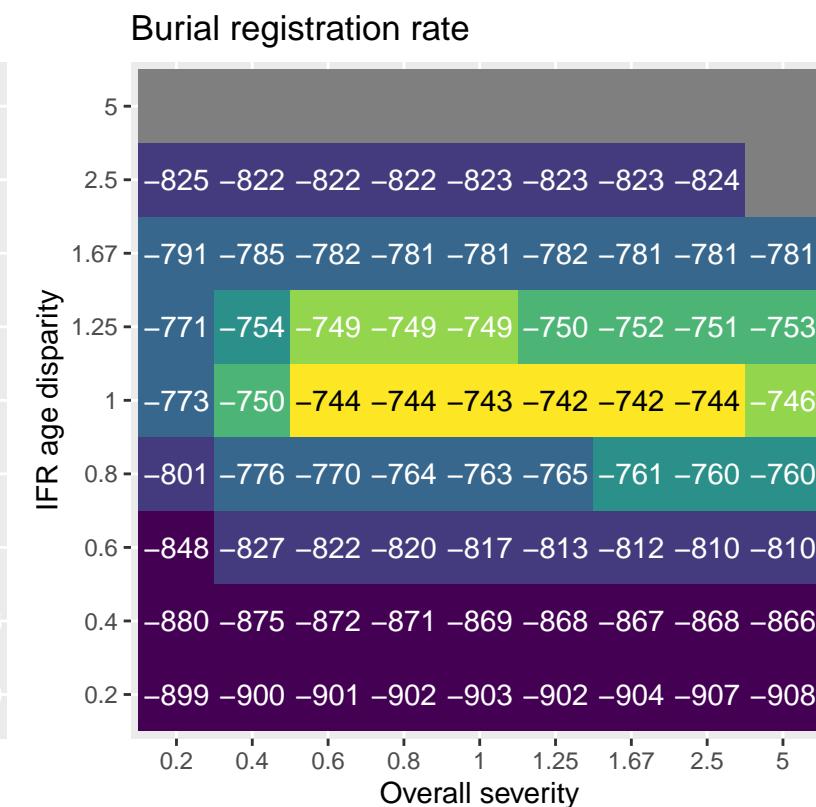
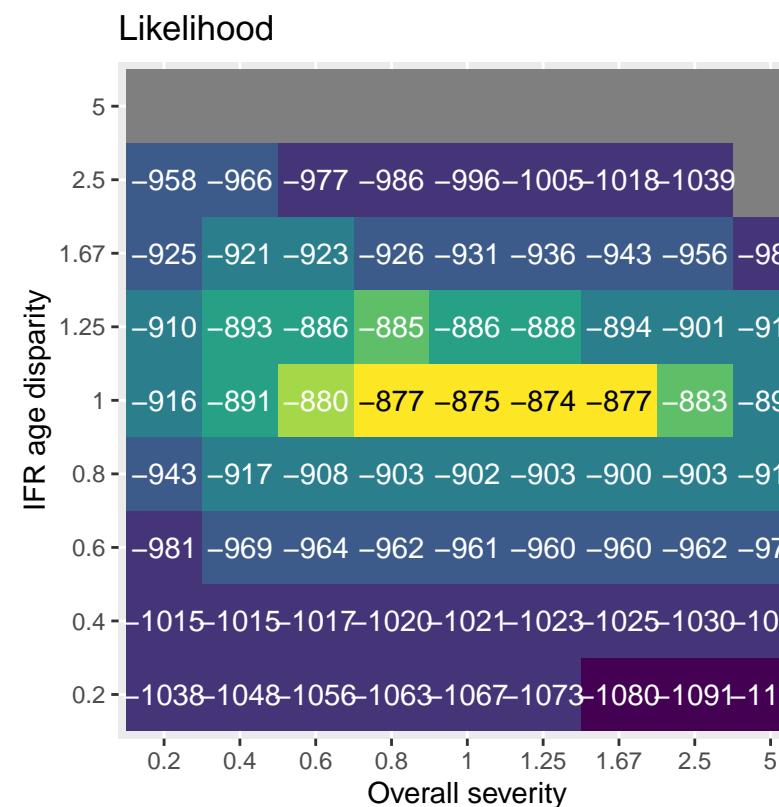
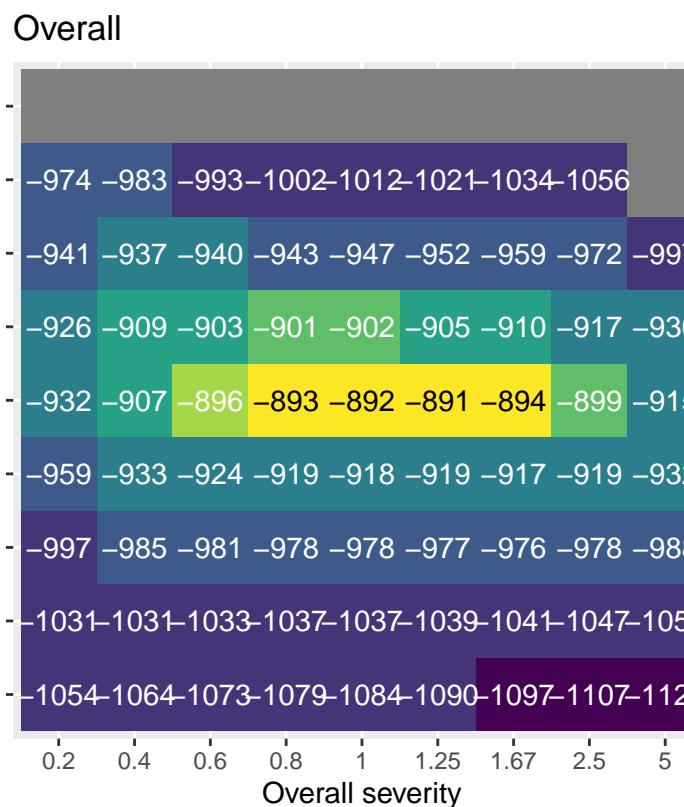
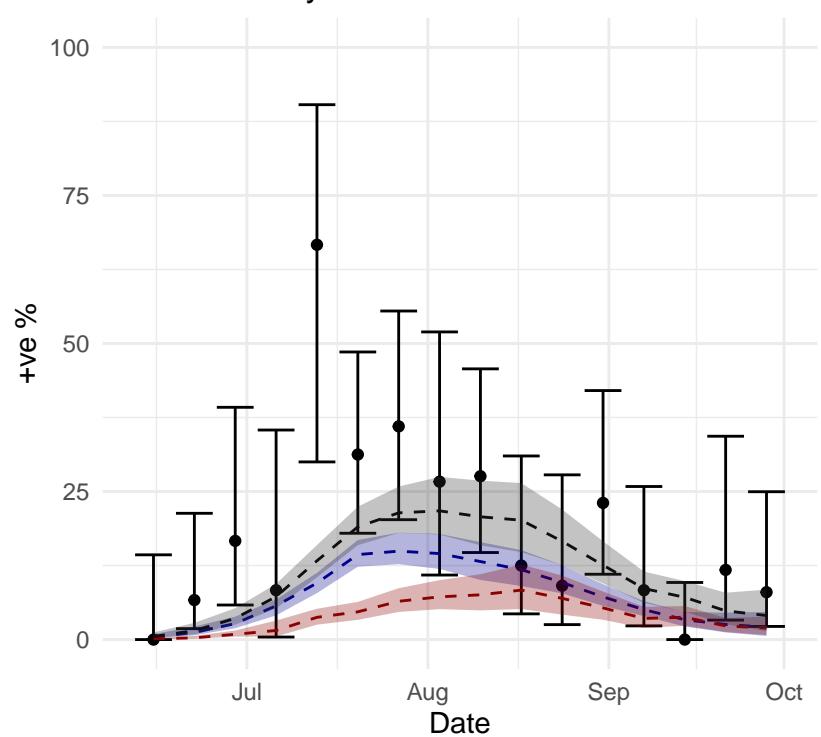


Default Model Fit



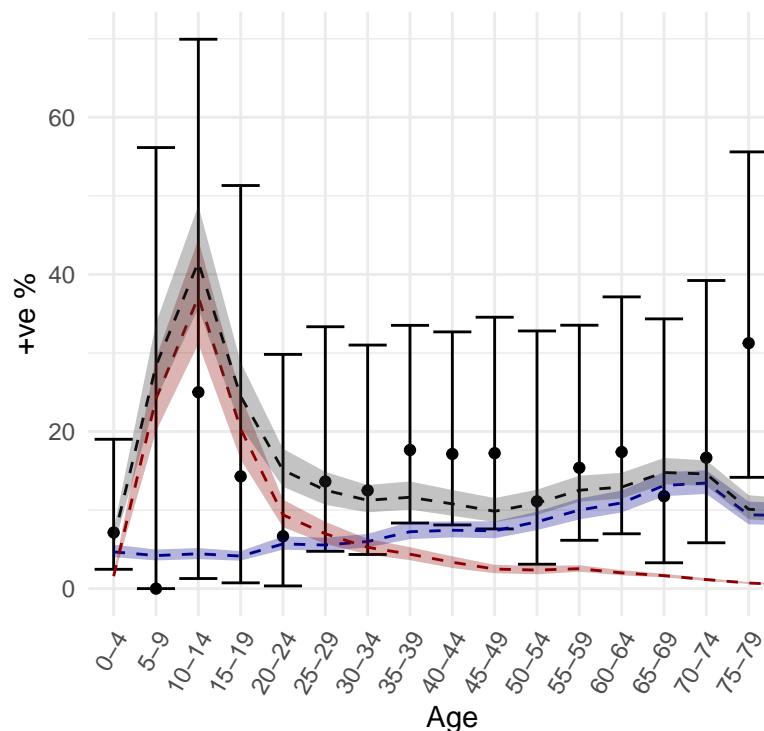
IFR x 0.2, Slope x 0.2

Post-mortem weekly PCR prev.
UTH mortuary

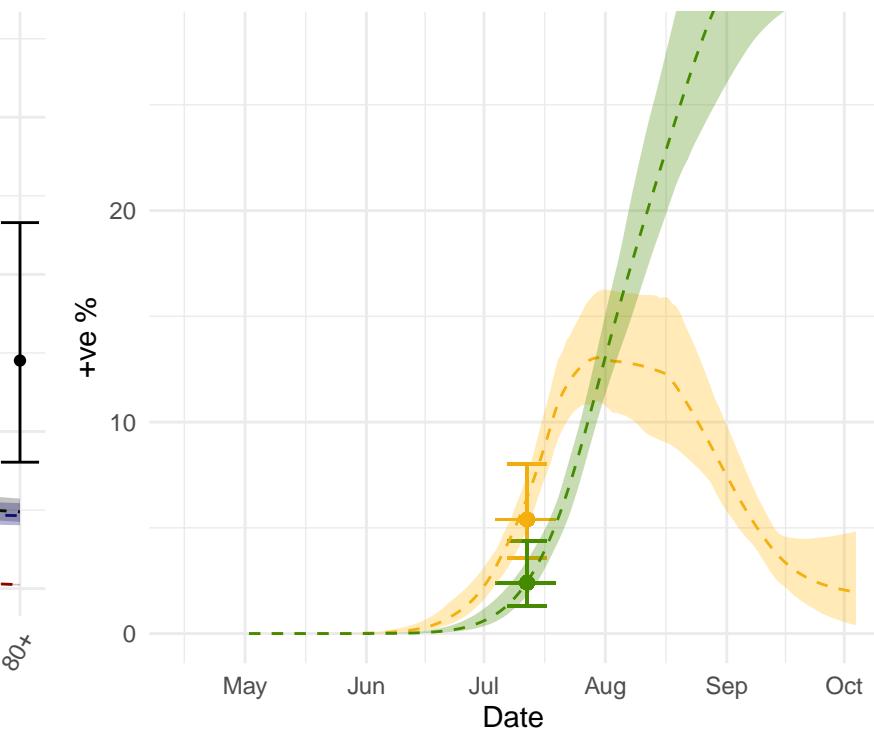


- - Total +ve deaths
- - Causal deaths
- - Coincidental deaths

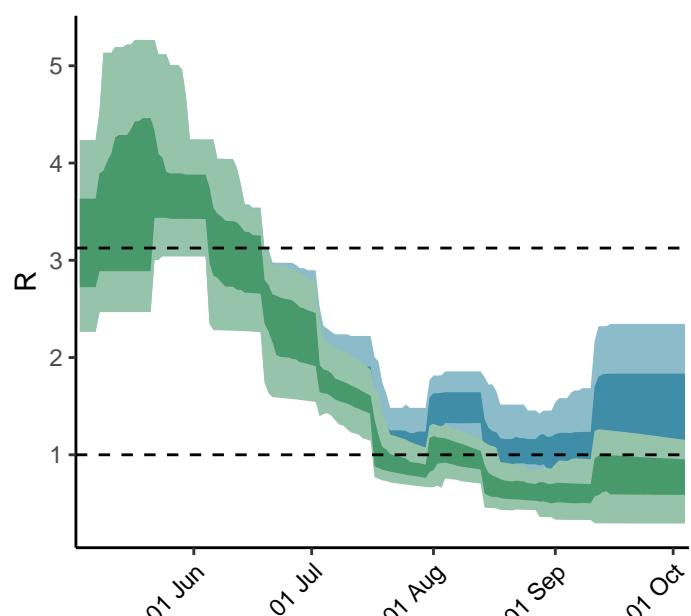
Post-mortem PCR prev. by age
UTH mortuary



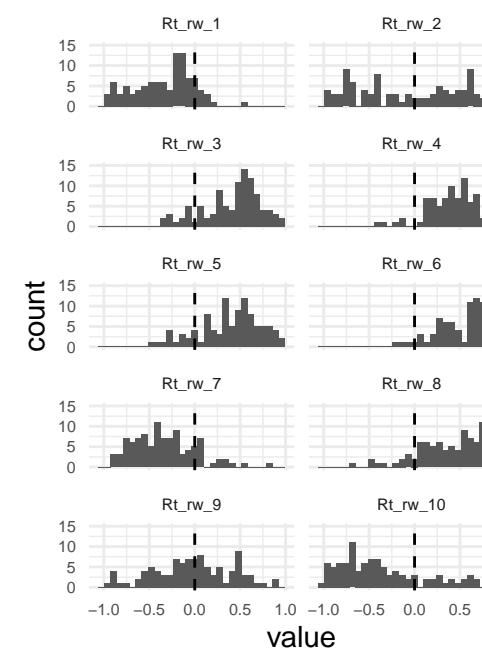
Population prevalence
Lusaka



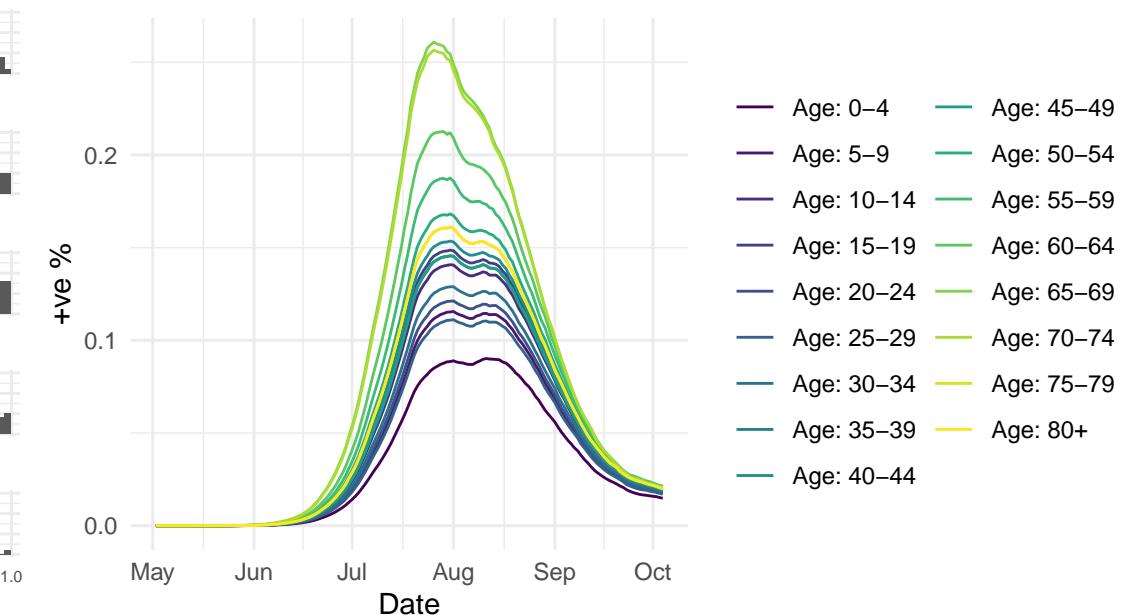
- PCR % (Lusaka)
- Sero % (Lusaka)



R_{eff}
 R_t

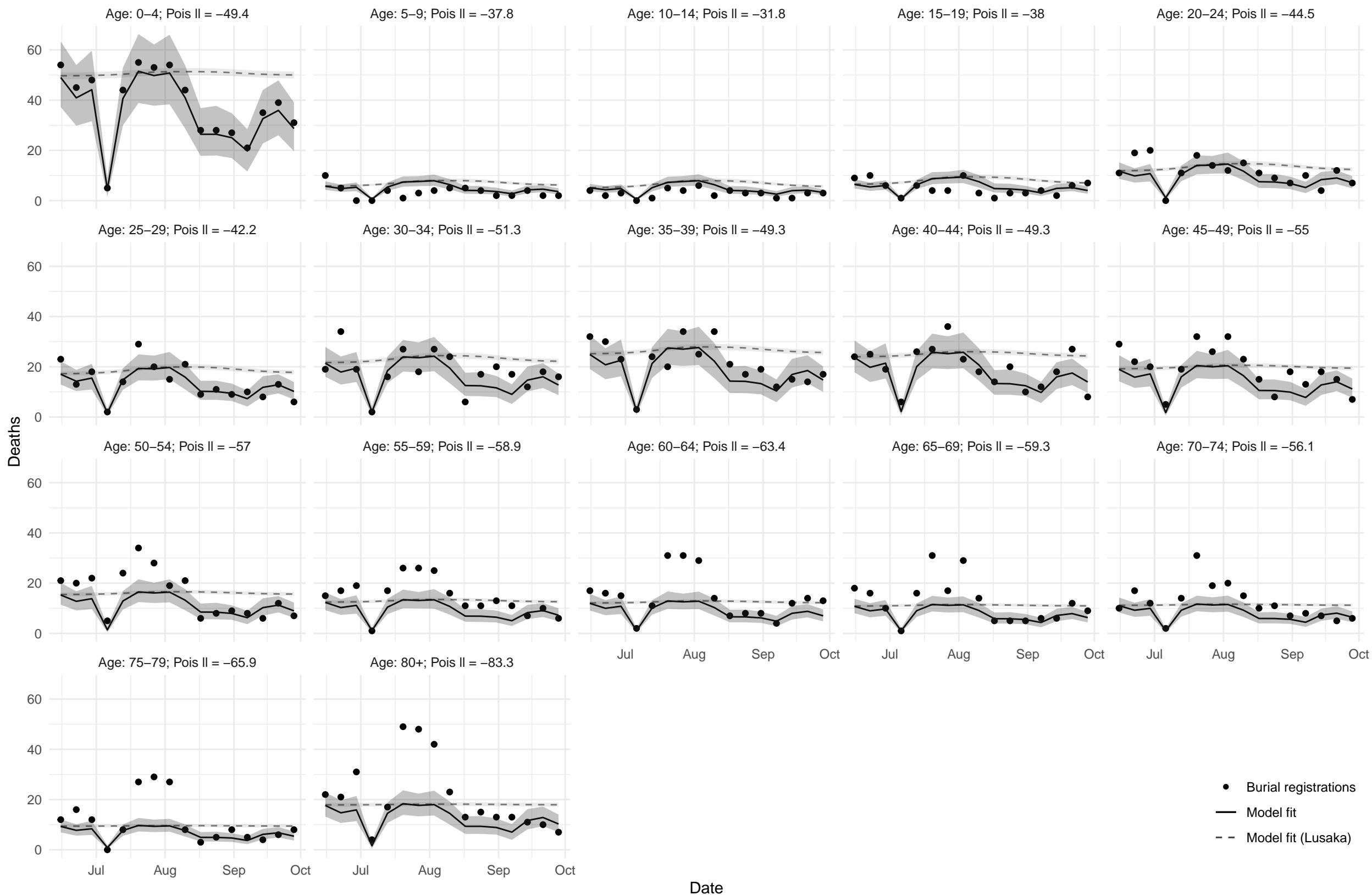


Modelled PCR %



- Age: 0-4
- Age: 5-9
- Age: 10-14
- Age: 15-19
- Age: 20-24
- Age: 25-29
- Age: 30-34
- Age: 35-39
- Age: 40-44
- Age: 45-49
- Age: 50-54
- Age: 55-59
- Age: 60-64
- Age: 65-69
- Age: 70-74
- Age: 75-79
- Age: 80+

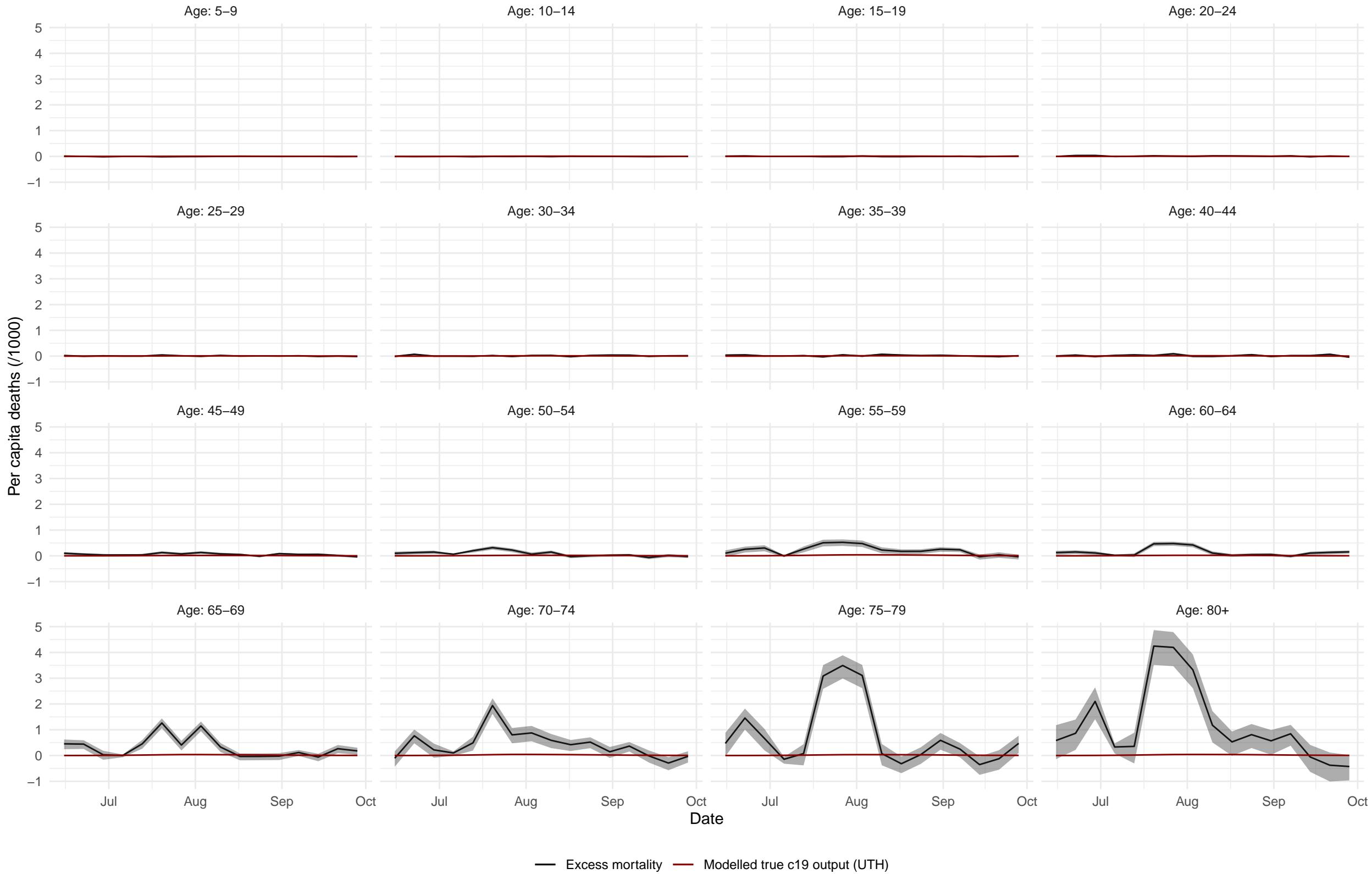
IFR x0.2, Slope x0.2
Lusaka weekly burial registrations



- Burial registrations
- Model fit
- Model fit (Lusaka)

IFR x 0.2, Slope x 0.2

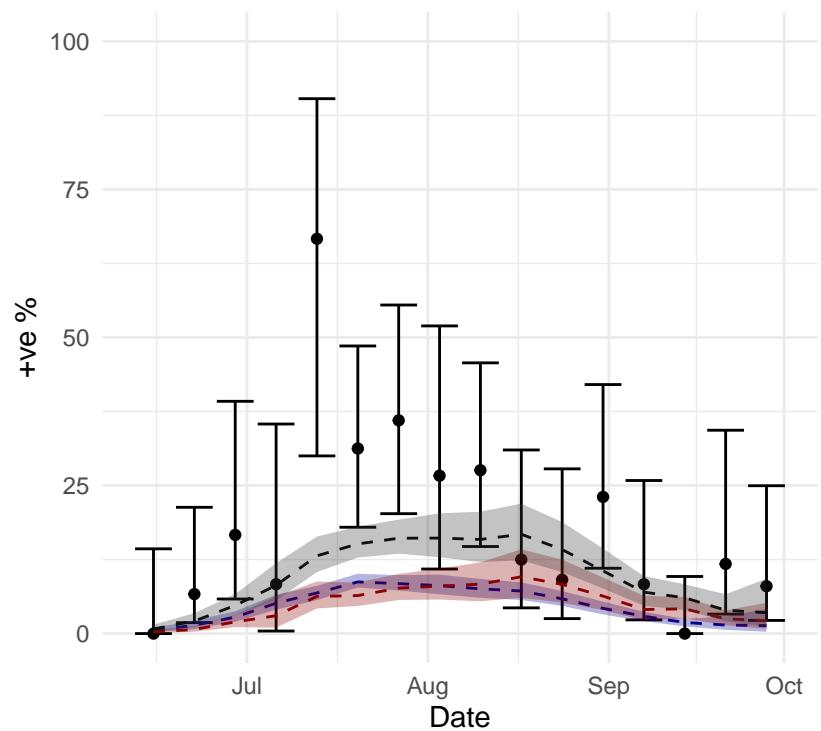
COVID-19 excess mortality: Comparison of MCMC results with squire results



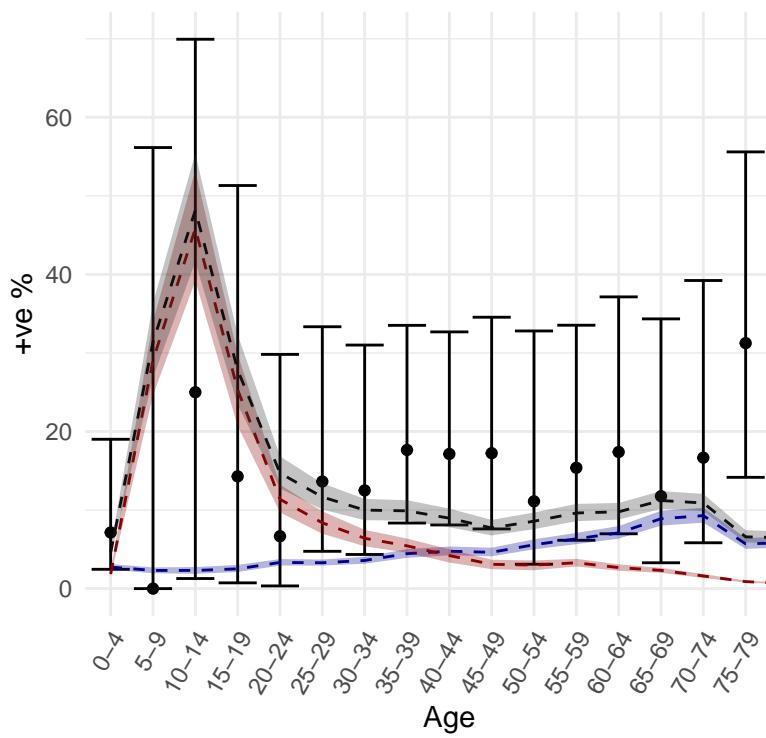
IFR x 0.4, Slope x 0.2

Post-mortem weekly PCR prev.

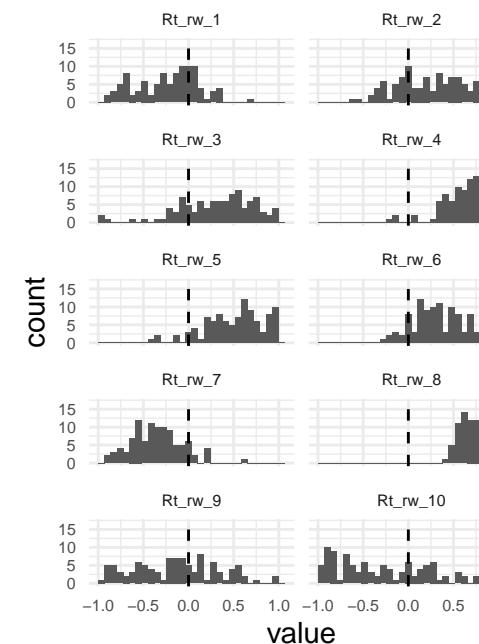
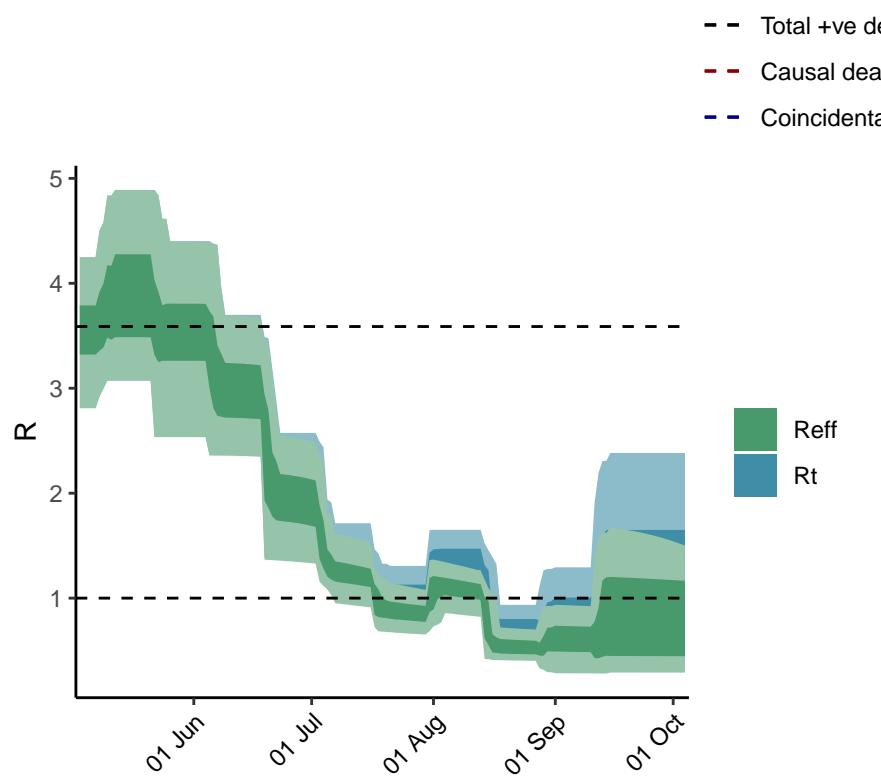
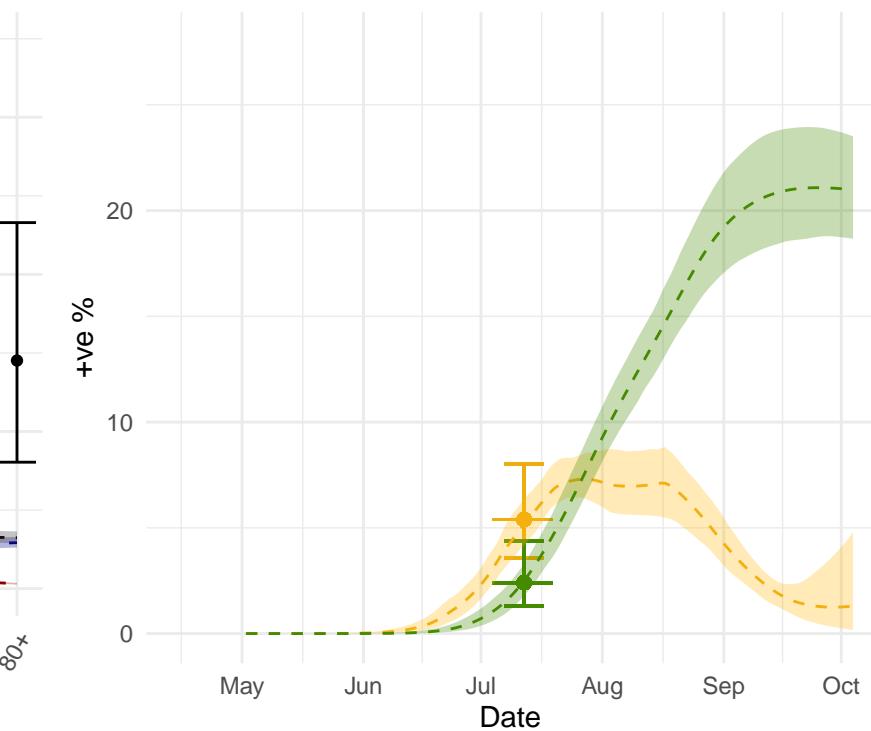
UTH mortuary



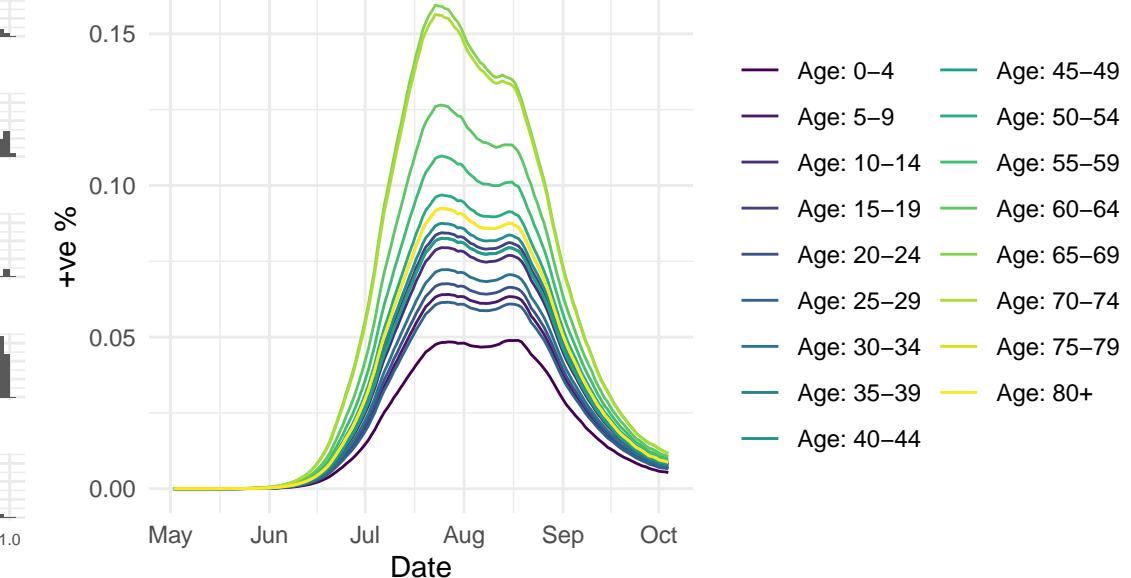
Post-mortem PCR prev. by age
UTH mortuary



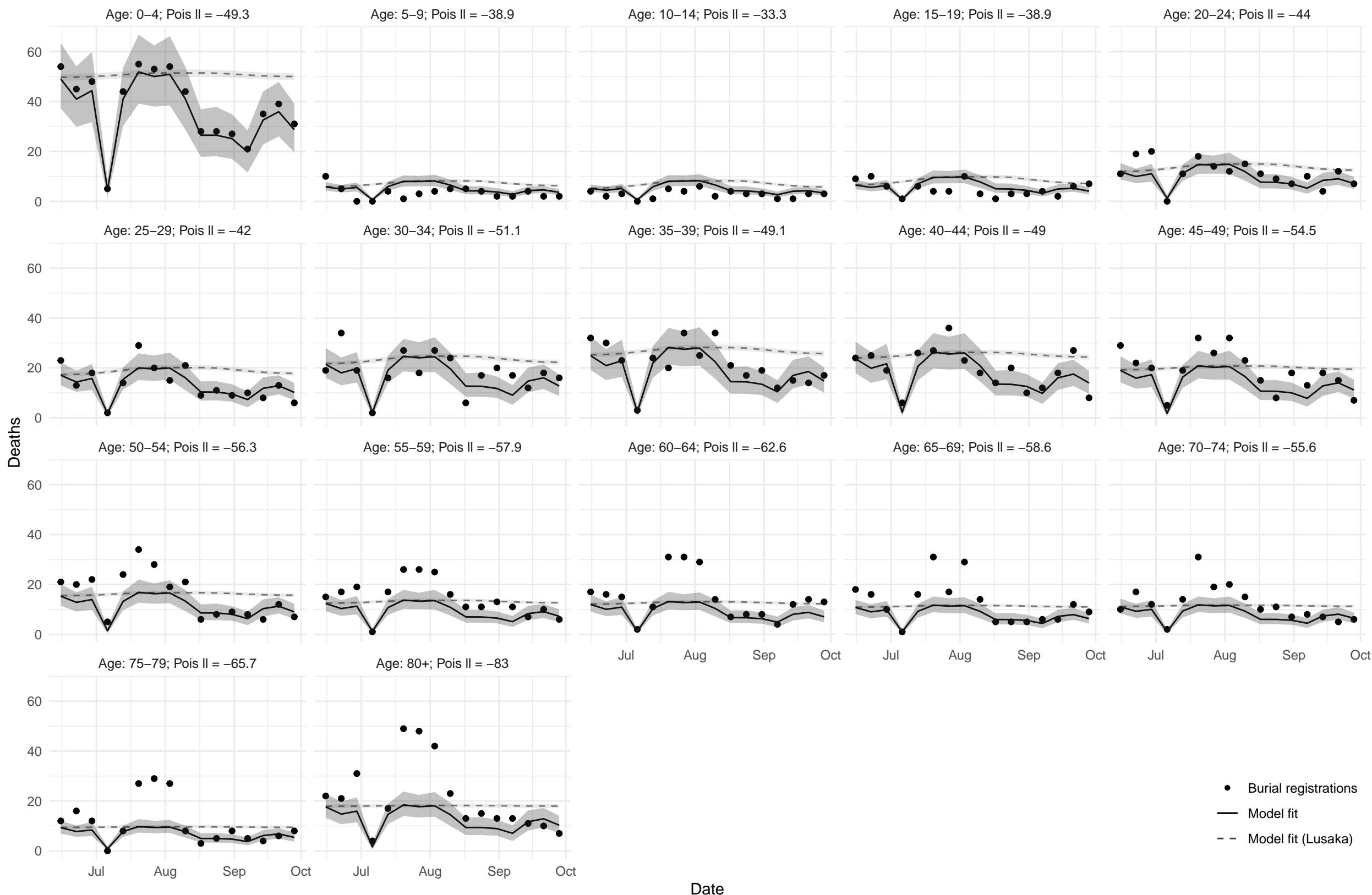
Population prevalence
Lusaka



Modelled PCR %

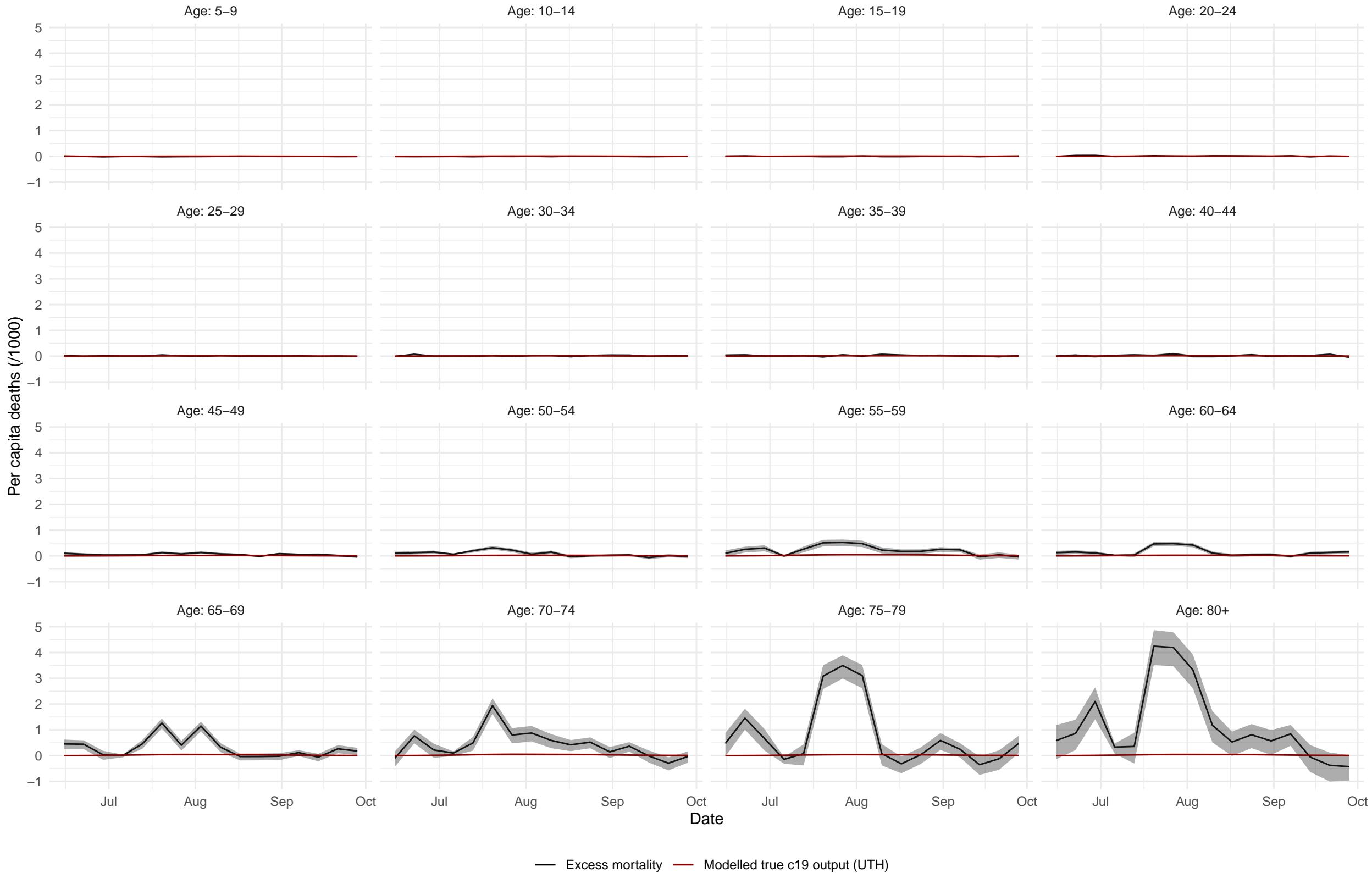


IFR x0.4, Slope x0.2
Lusaka weekly burial registrations



IFR x 0.4, Slope x 0.2

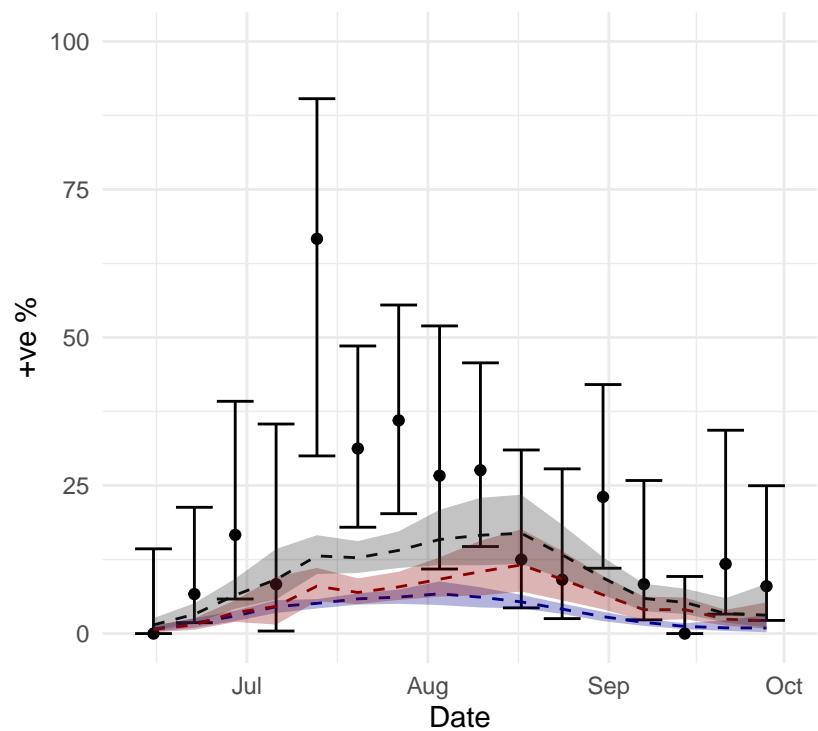
COVID-19 excess mortality: Comparison of MCMC results with squire results



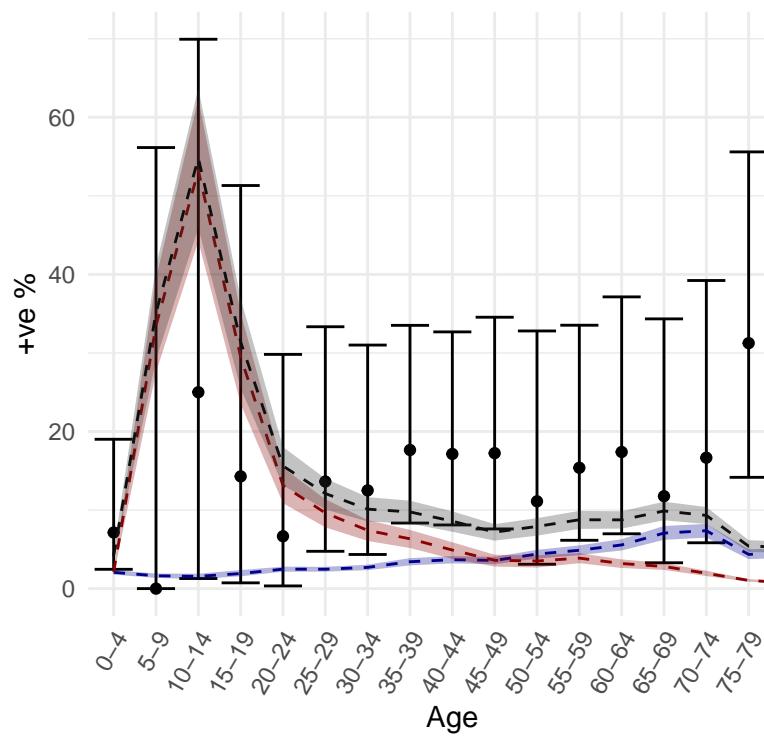
IFR x 0.6, Slope x 0.2

Post-mortem weekly PCR prev.

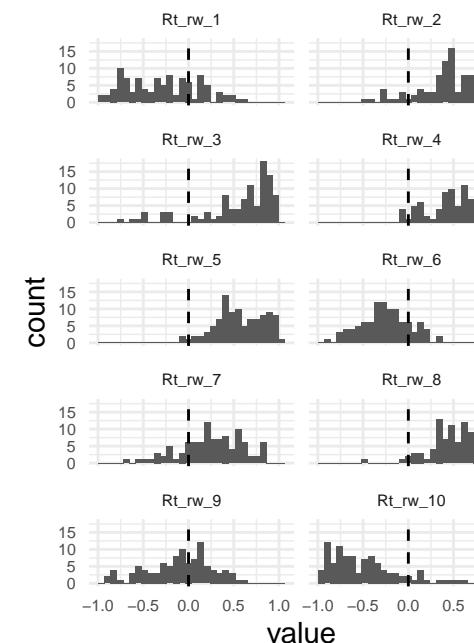
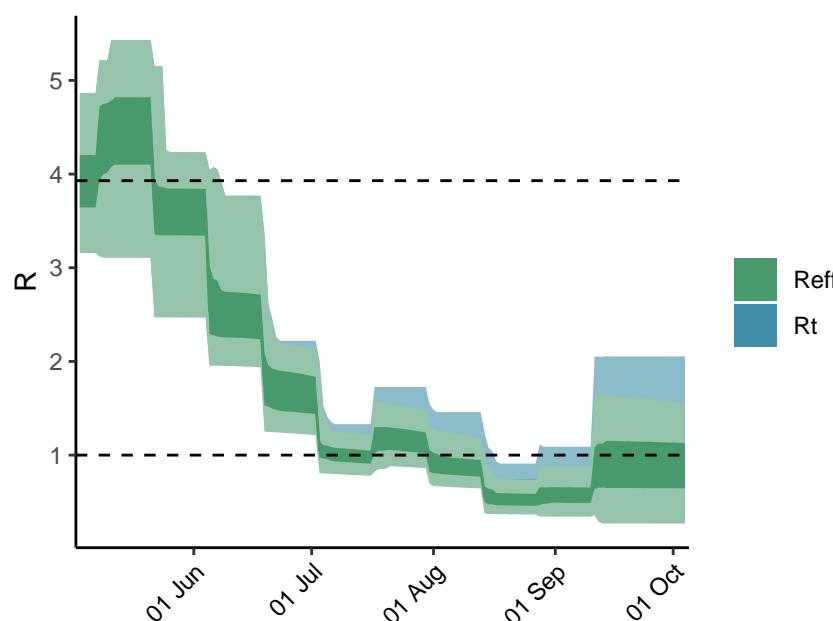
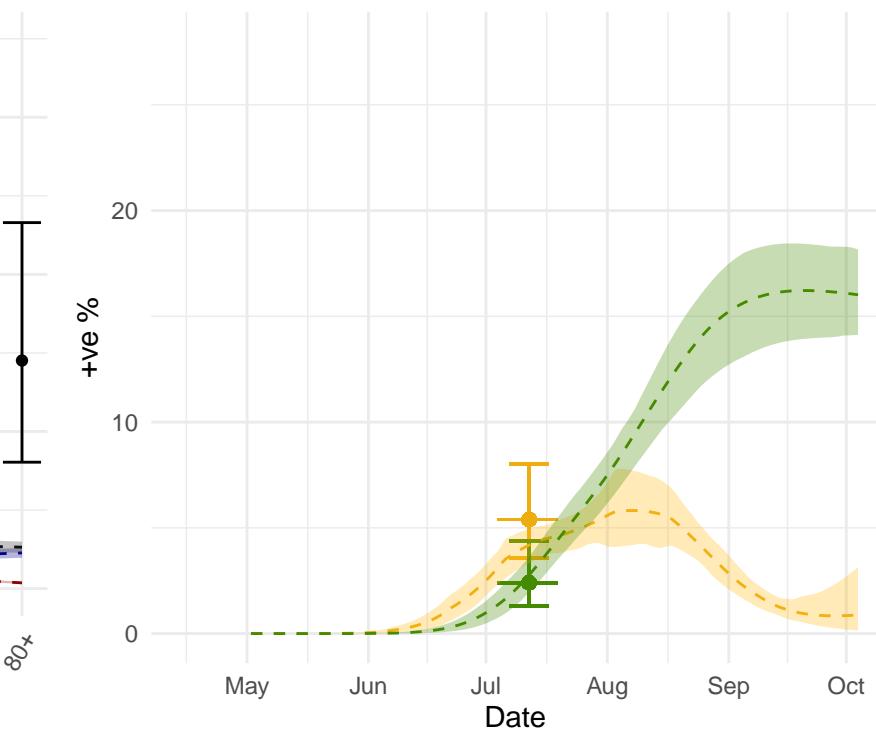
UTH mortuary



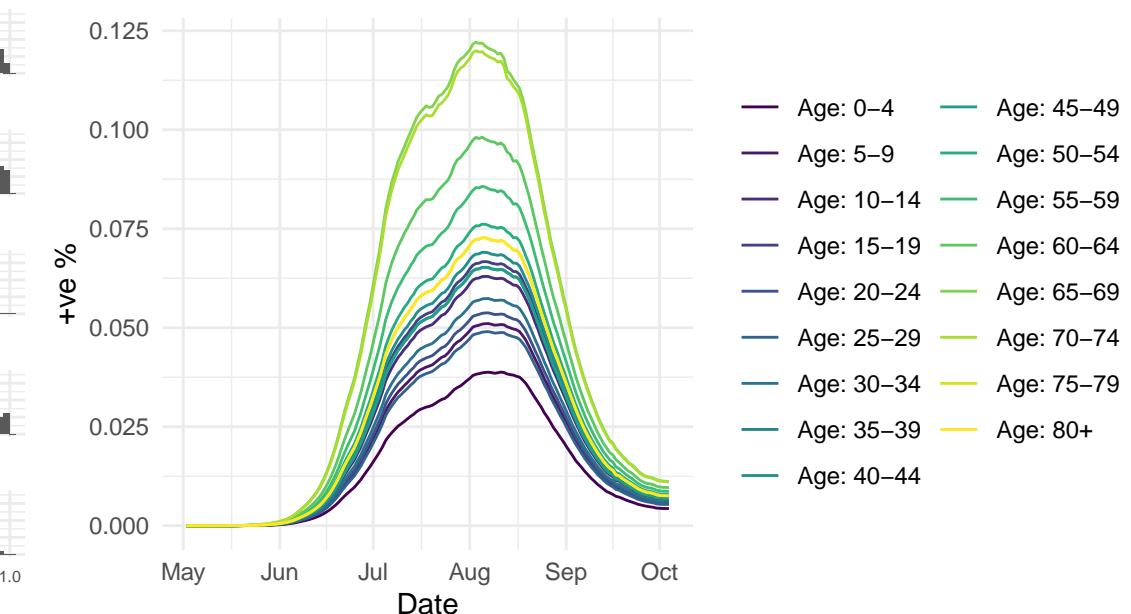
Post-mortem PCR prev. by age
UTH mortuary



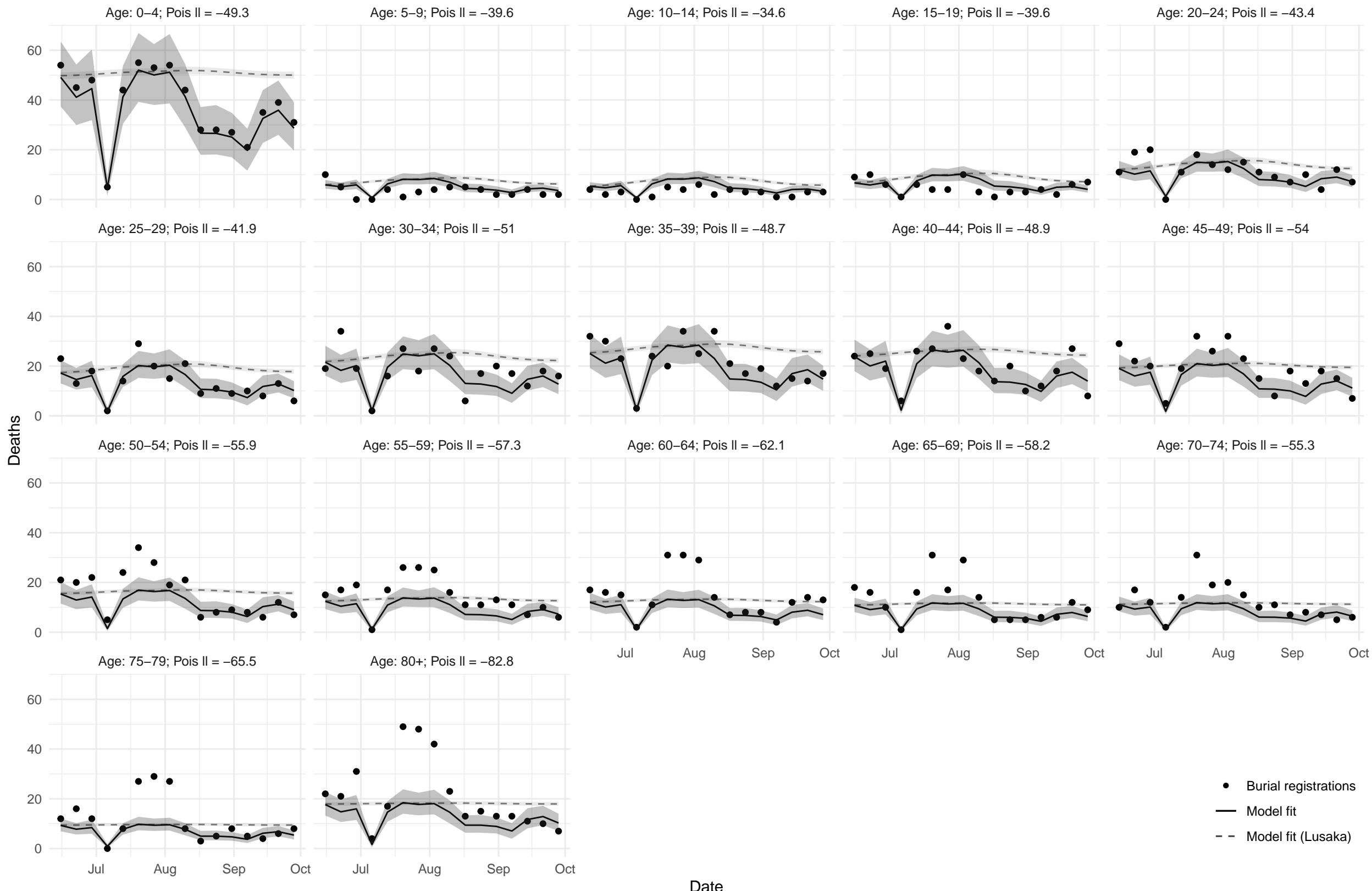
Population prevalence
Lusaka



Modelled PCR %

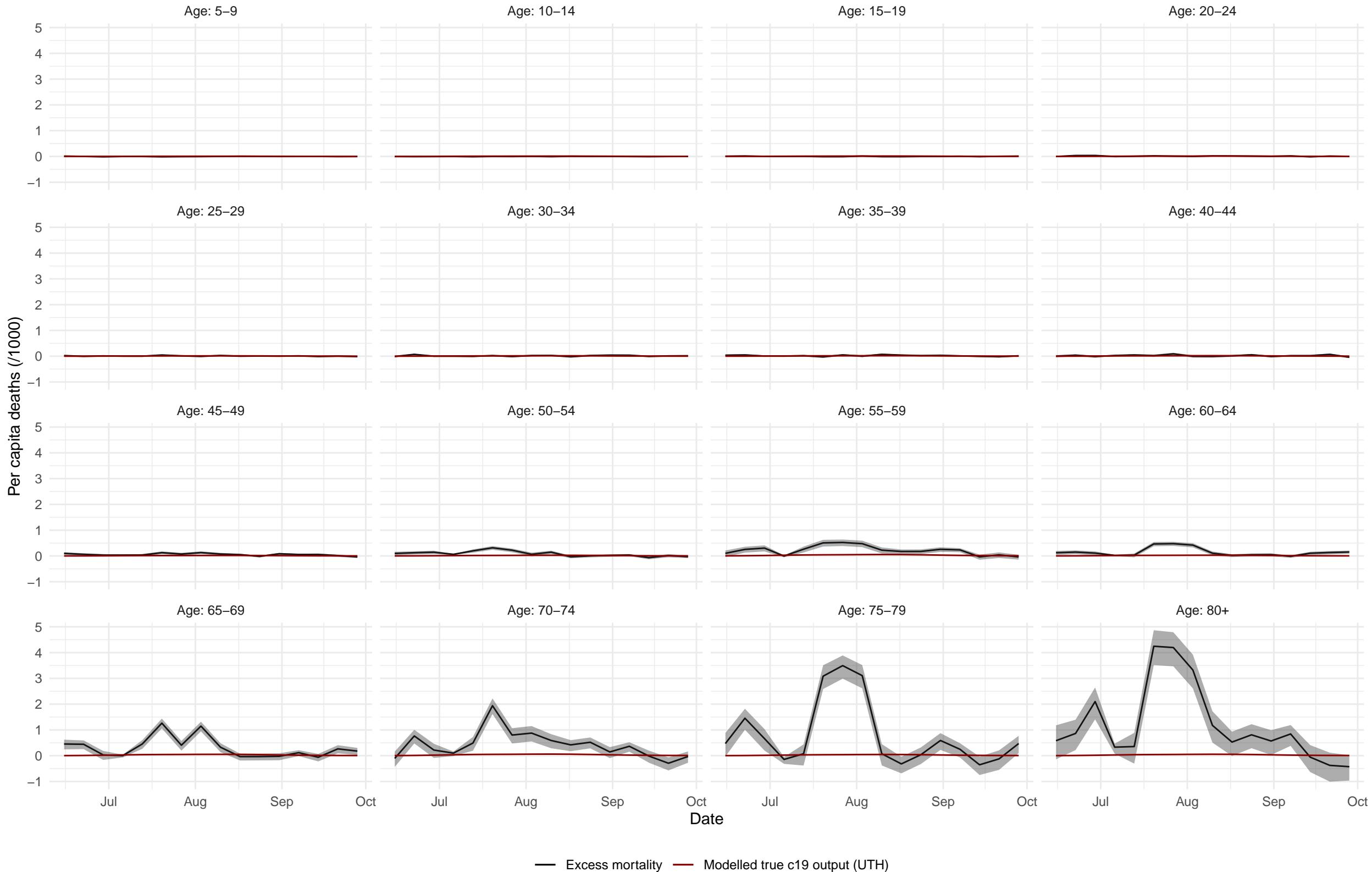


IFR x0.6, Slope x0.2
Lusaka weekly burial registrations



IFR x 0.6, Slope x 0.2

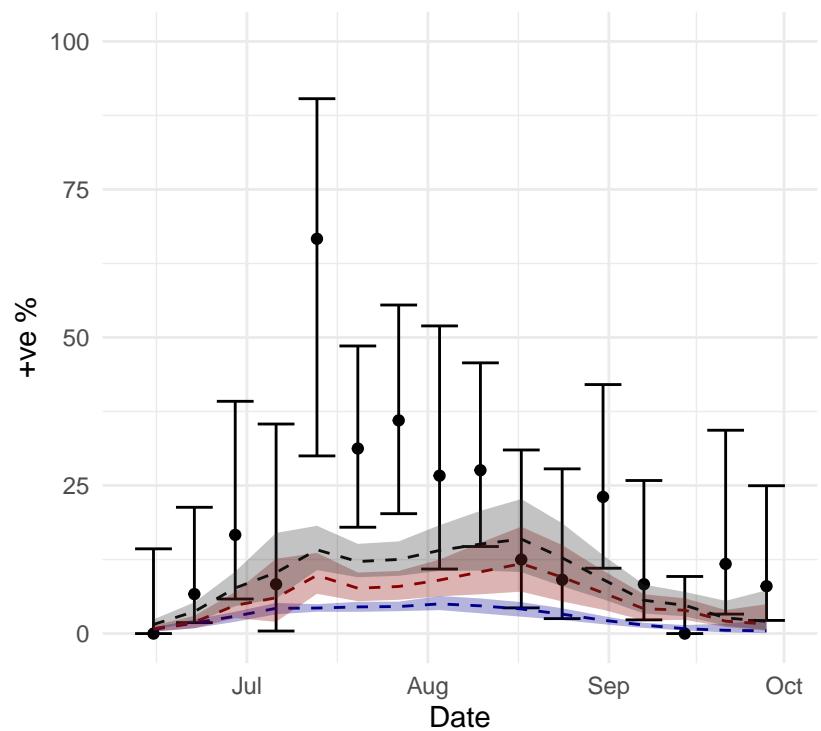
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 0.8, Slope x 0.2

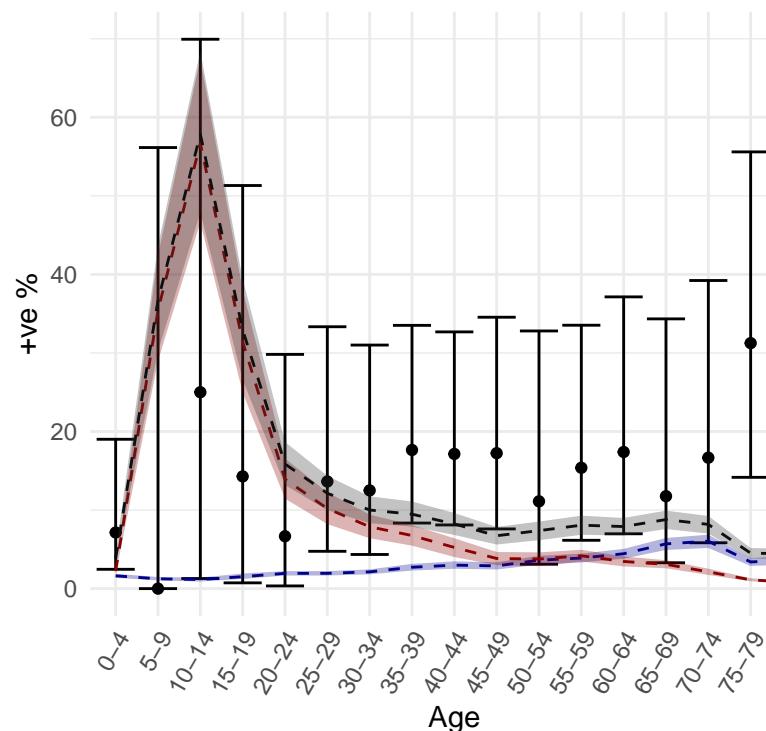
Post-mortem weekly PCR prev.

UTH mortuary

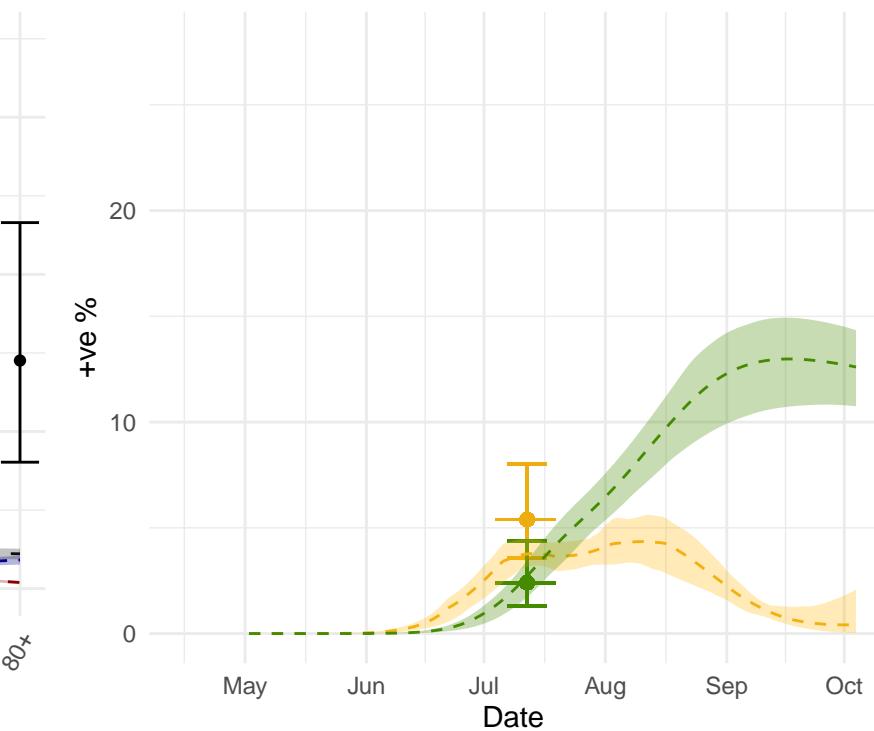


- - Total +ve deaths
- - Causal deaths
- - Coincidental deaths

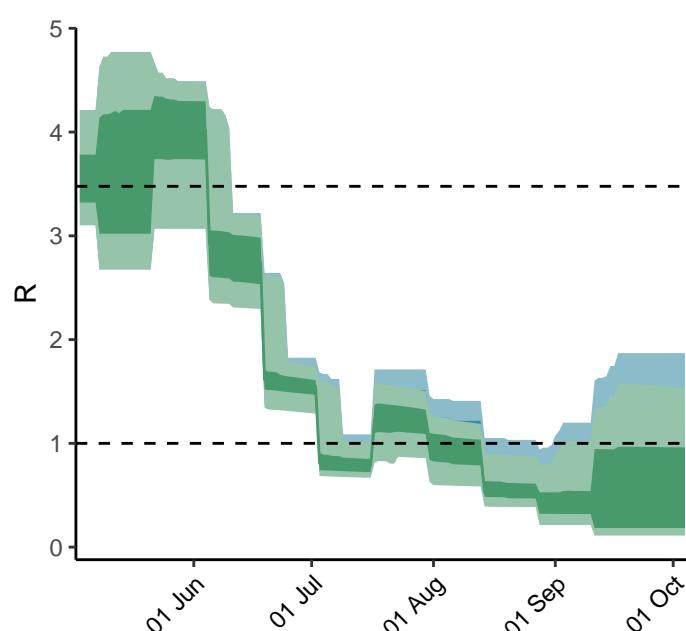
Post-mortem PCR prev. by age
UTH mortuary



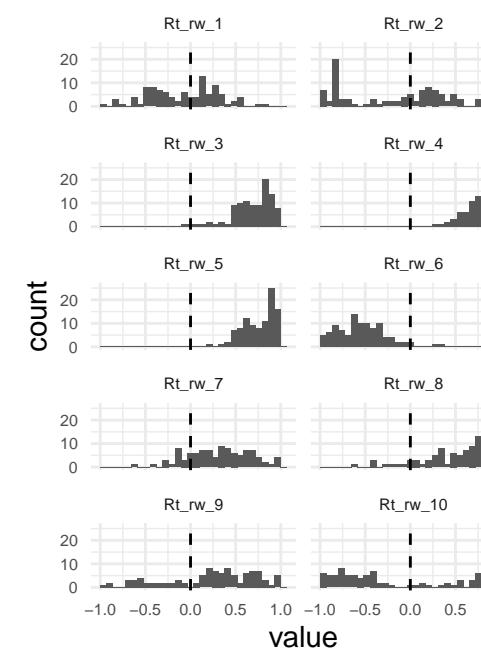
Population prevalence
Lusaka



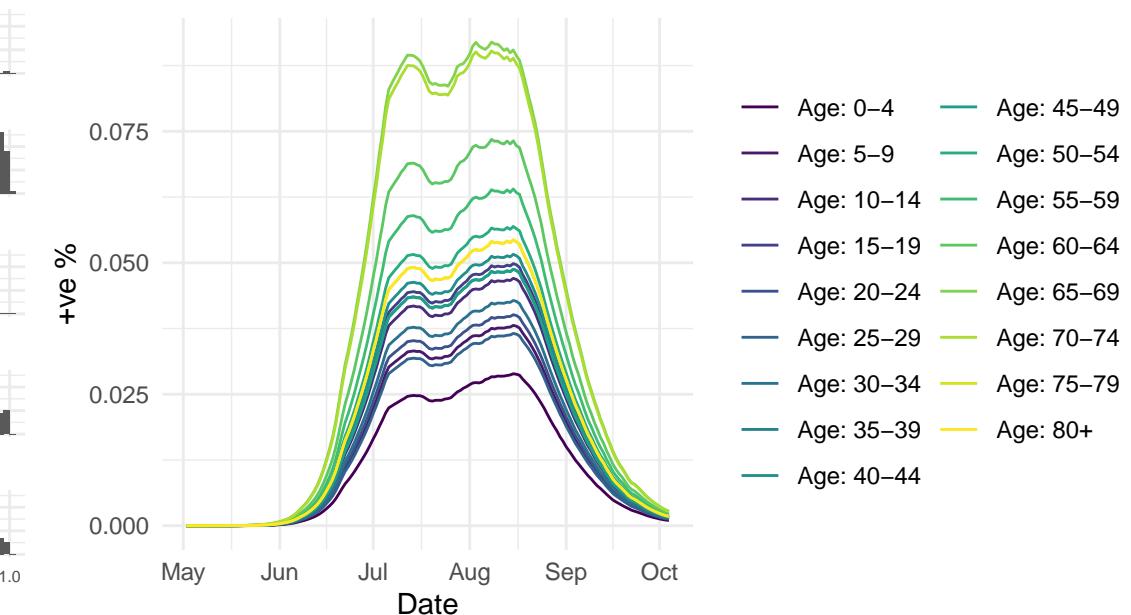
- PCR % (Lusaka)
- Sero % (Lusaka)



- Reff
- Rt

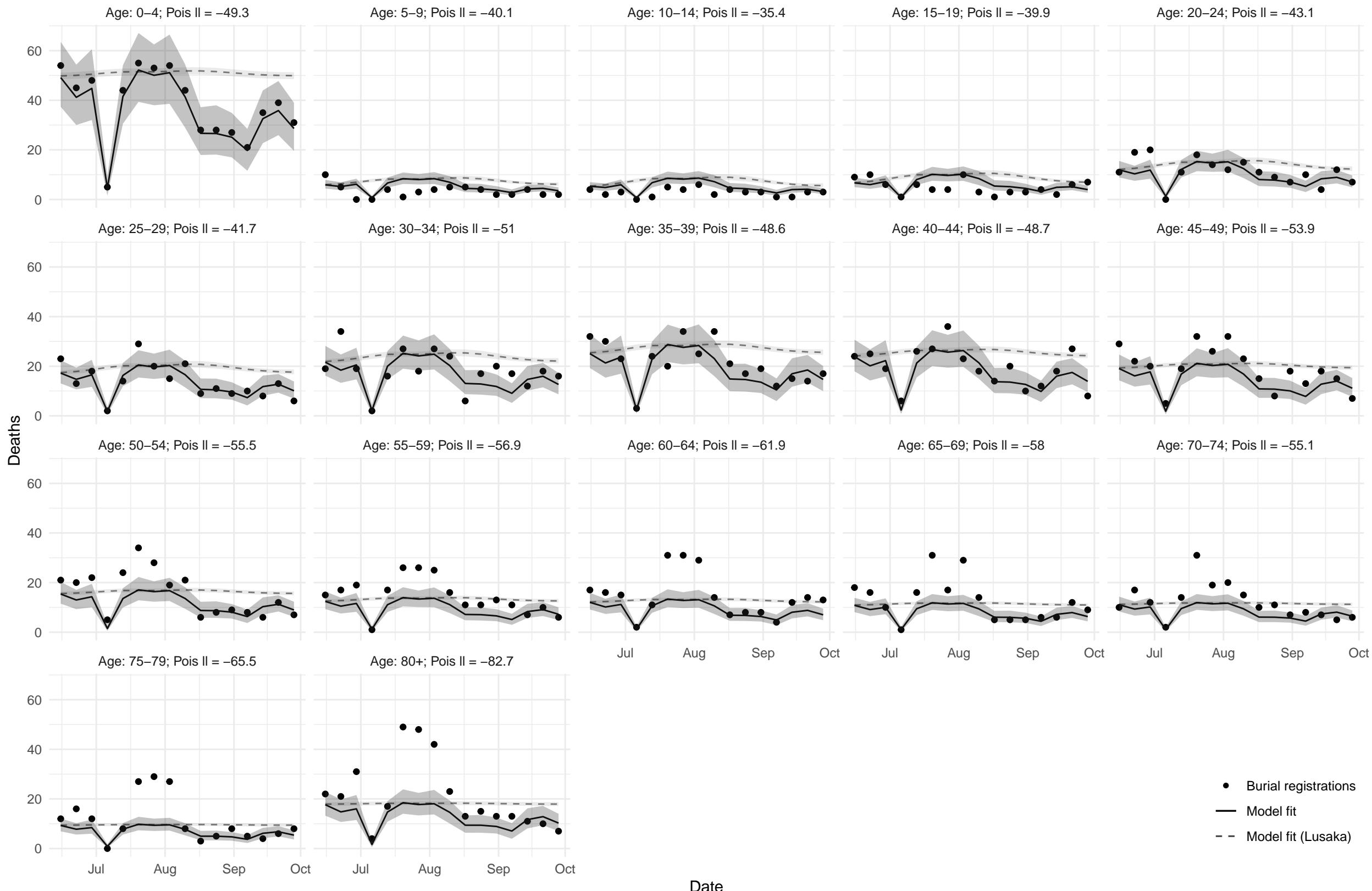


Modelled PCR %



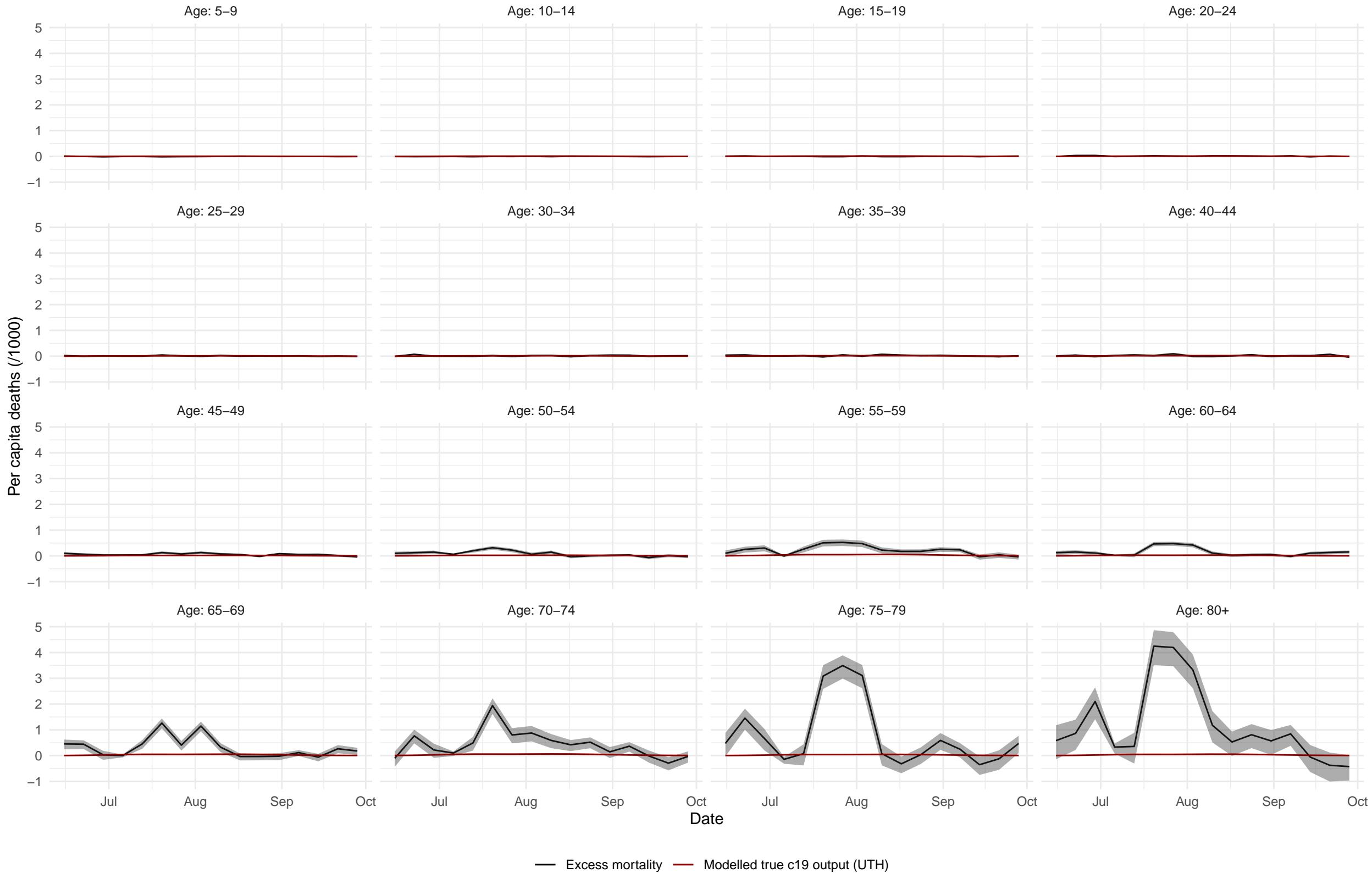
- | | |
|------------|------------|
| Age: 0-4 | Age: 45-49 |
| Age: 5-9 | Age: 50-54 |
| Age: 10-14 | Age: 55-59 |
| Age: 15-19 | Age: 60-64 |
| Age: 20-24 | Age: 65-69 |
| Age: 25-29 | Age: 70-74 |
| Age: 30-34 | Age: 75-79 |
| Age: 35-39 | Age: 80+ |
| Age: 40-44 | |

IFR x0.8, Slope x0.2
Lusaka weekly burial registrations



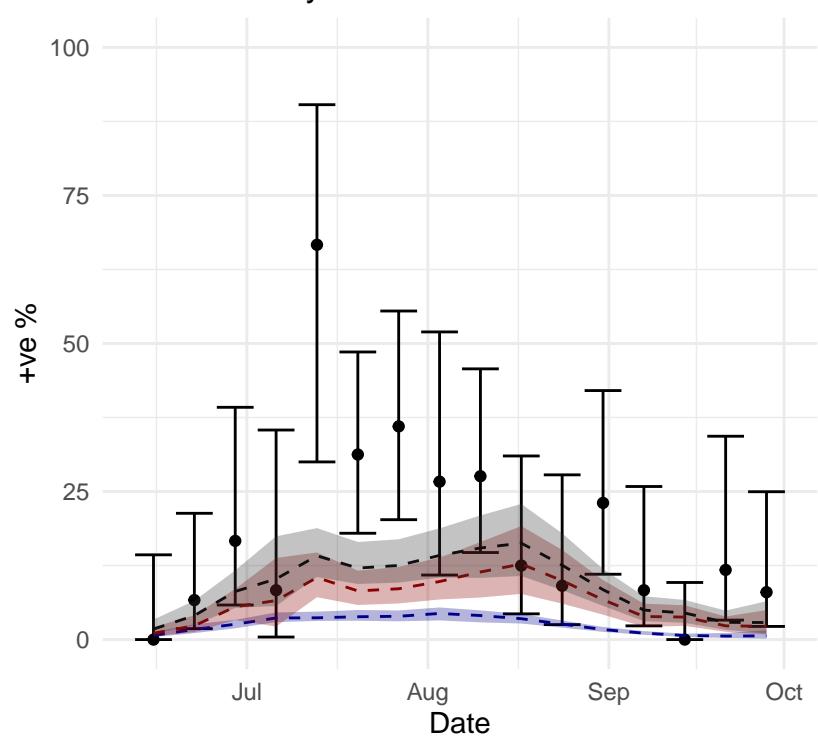
IFR x 0.8, Slope x 0.2

COVID-19 excess mortality: Comparison of MCMC results with squire results



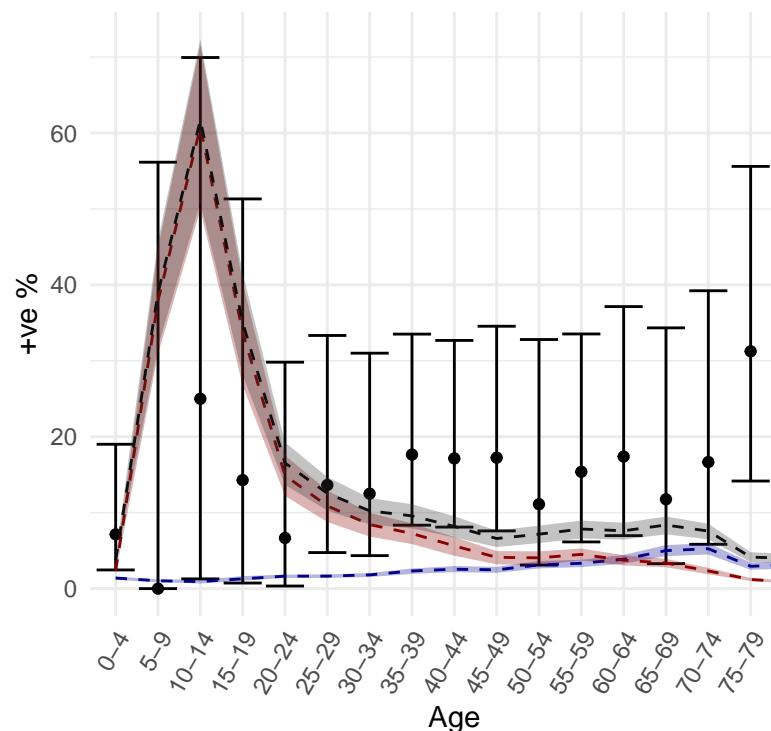
IFR x 1, Slope x 0.2

Post-mortem weekly PCR prev.
UTH mortuary

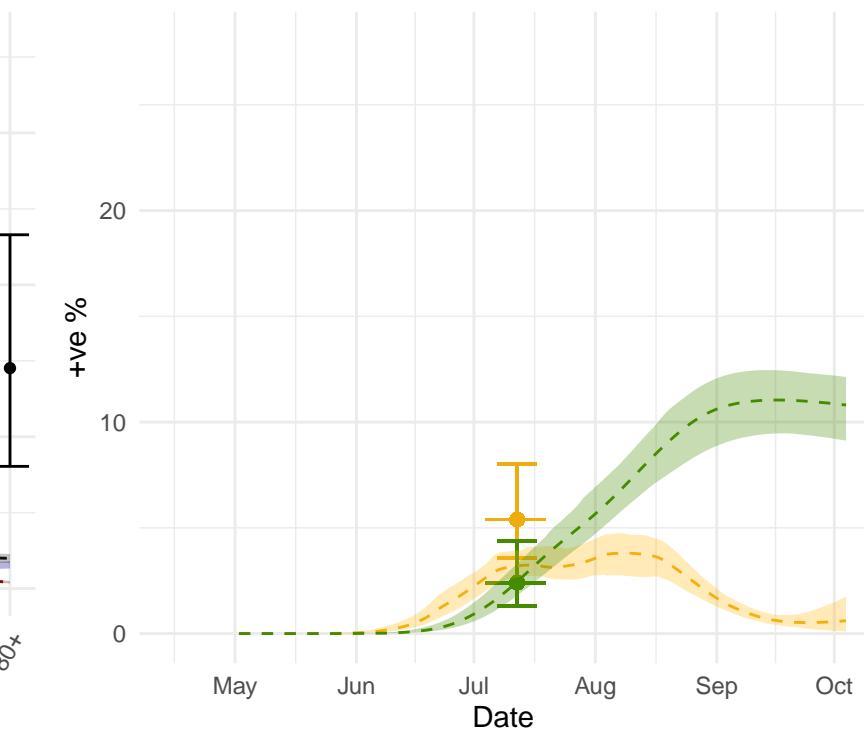


- - Total +ve deaths
- - Causal deaths
- - Coincidental deaths

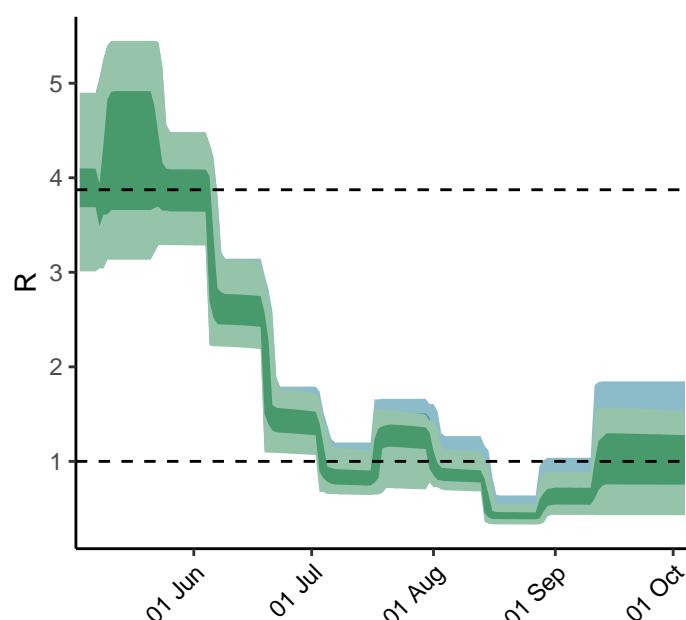
Post-mortem PCR prev. by age
UTH mortuary



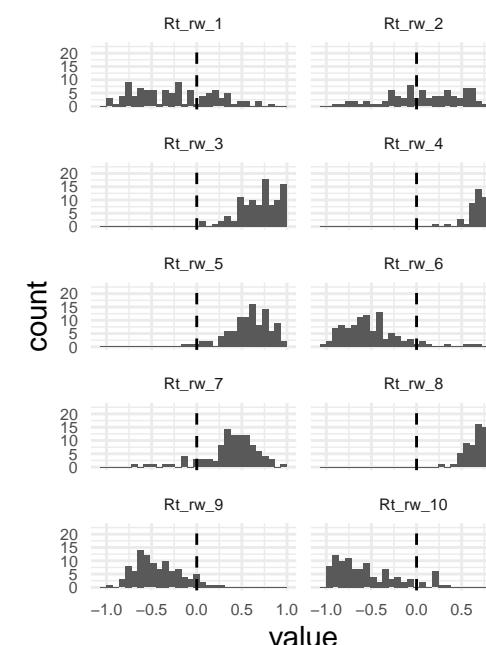
Population prevalence
Lusaka



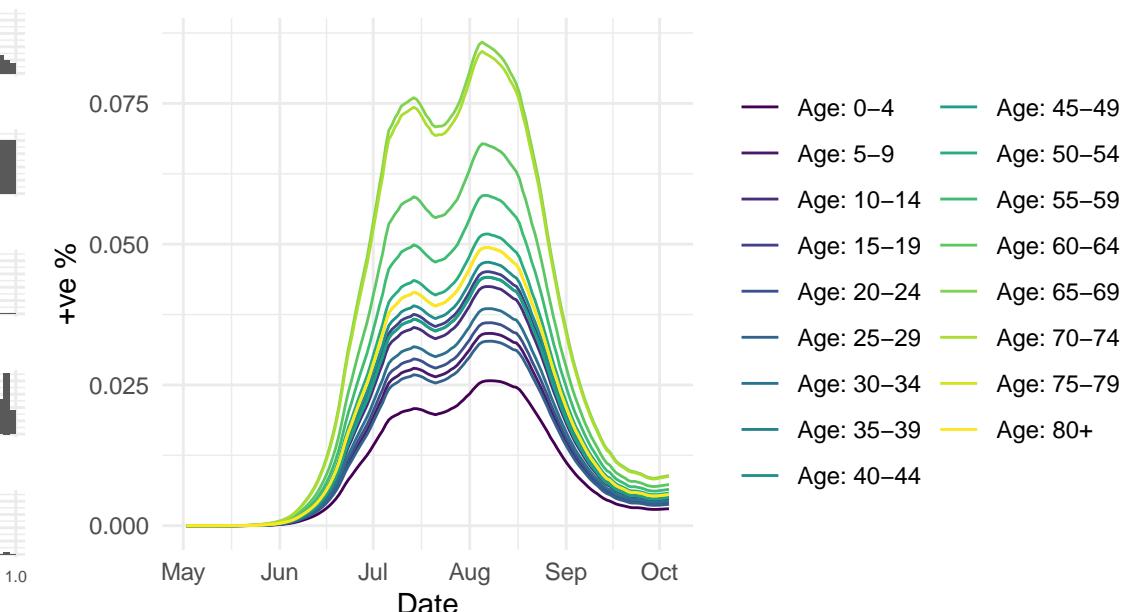
- PCR % (Lusaka)
- Sero % (Lusaka)



- Reff
- Rt

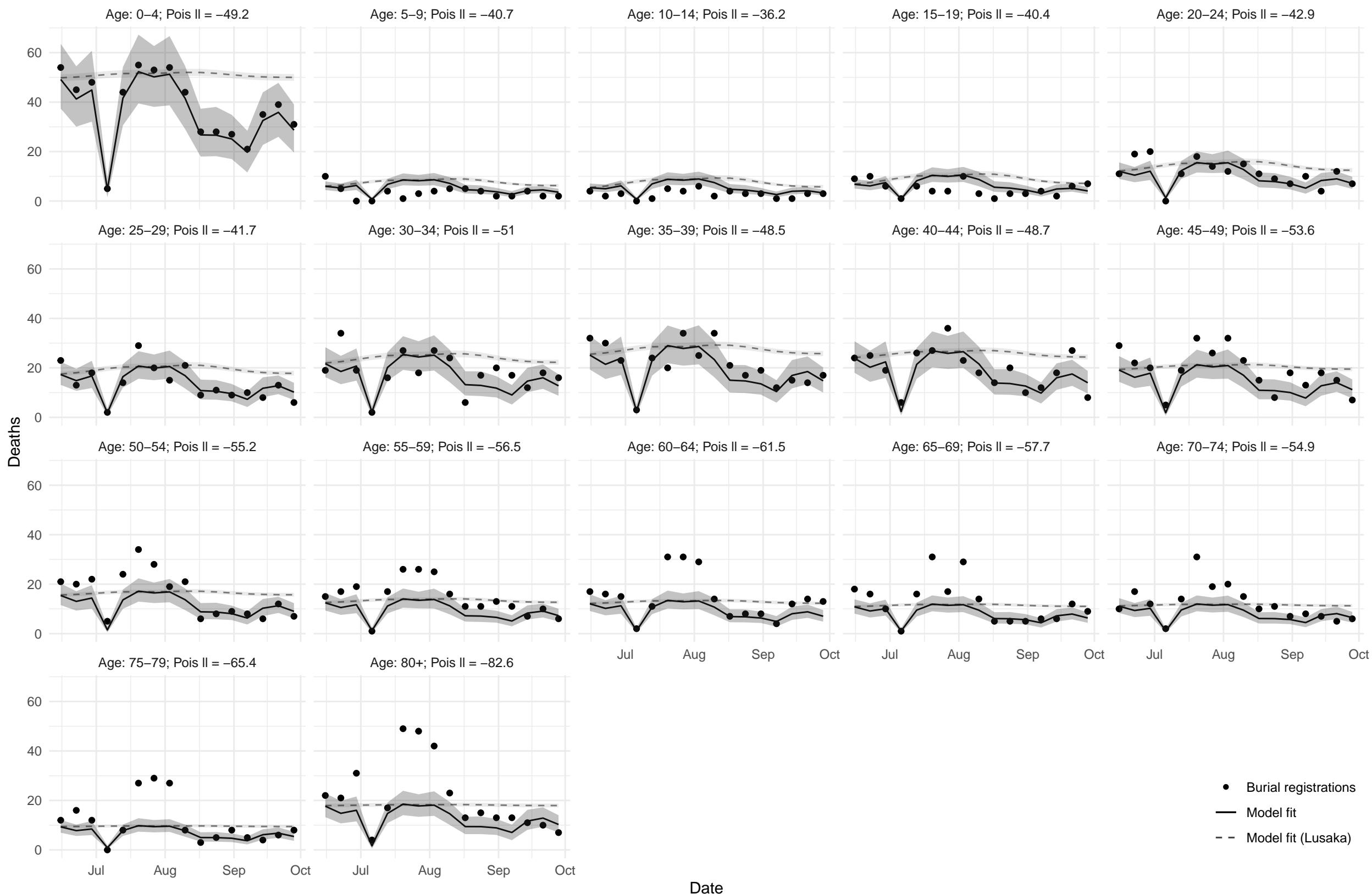


Modelled PCR %



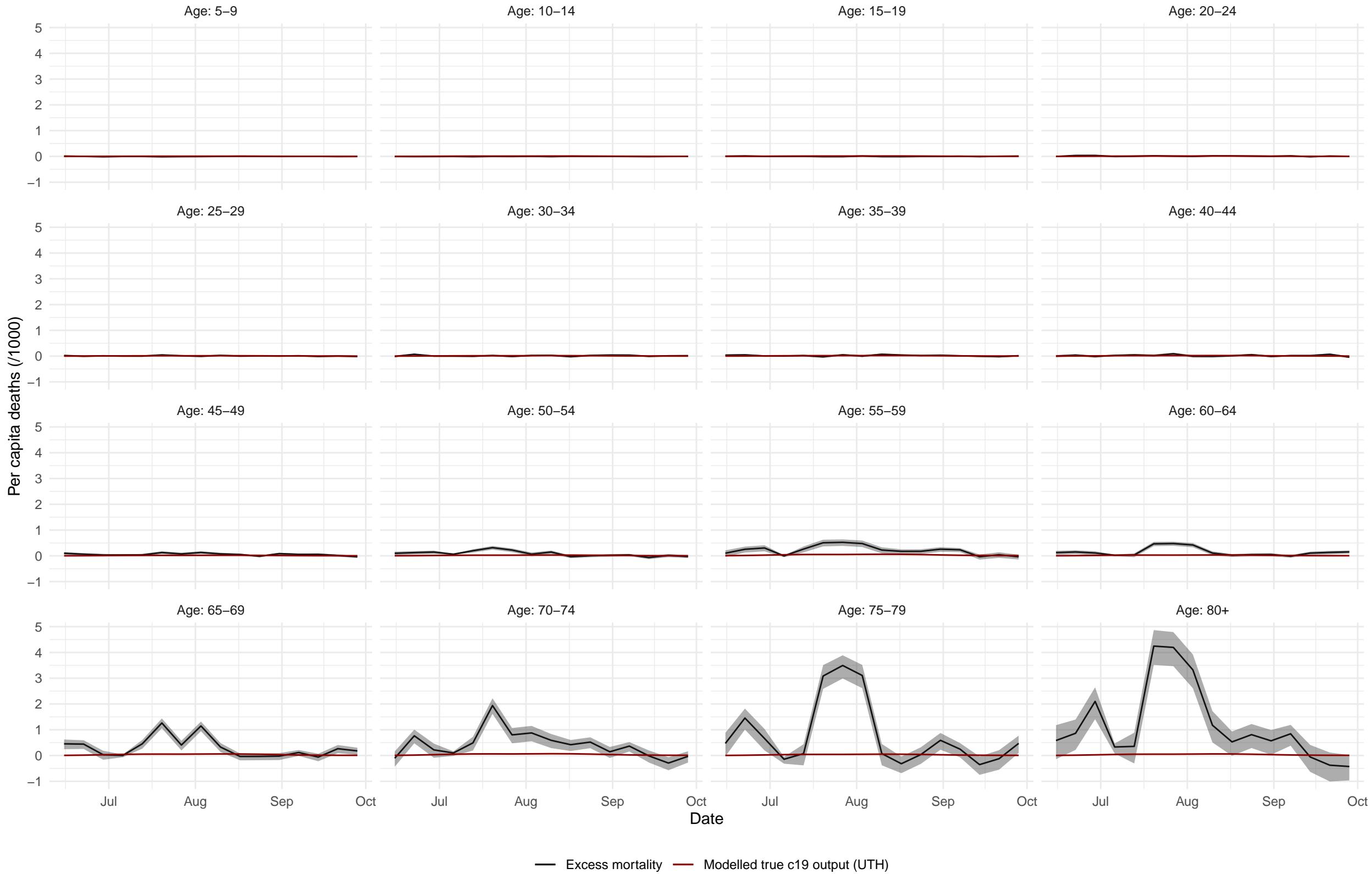
- Age: 0-4
- Age: 5-9
- Age: 10-14
- Age: 15-19
- Age: 20-24
- Age: 25-29
- Age: 30-34
- Age: 35-39
- Age: 40-44
- Age: 45-49
- Age: 50-54
- Age: 55-59
- Age: 60-64
- Age: 65-69
- Age: 70-74
- Age: 75-79
- Age: 80+

IFR x1, Slope x0.2
Lusaka weekly burial registrations



IFR x 1, Slope x 0.2

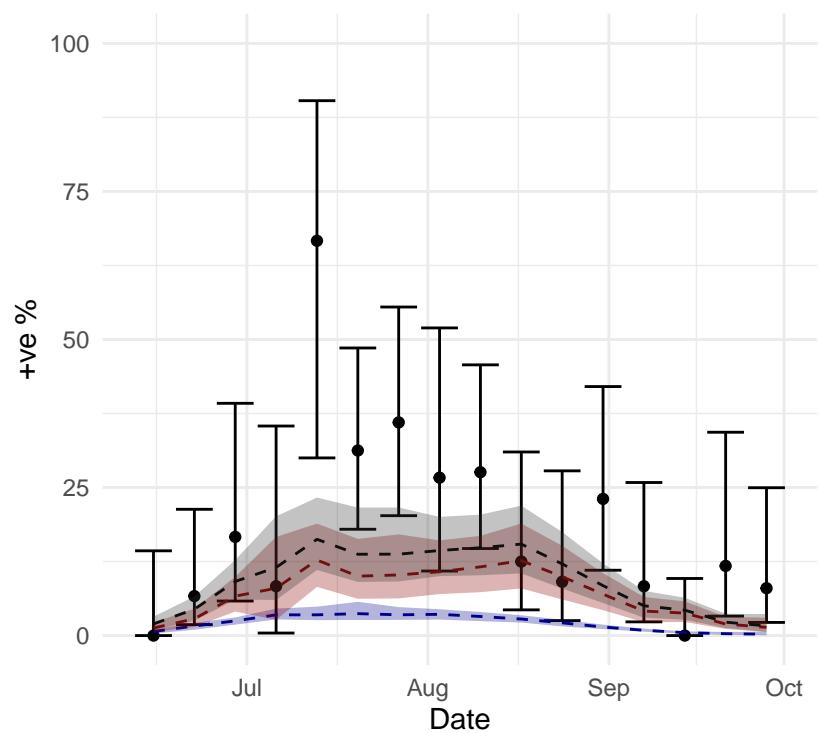
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 1.25, Slope x 0.2

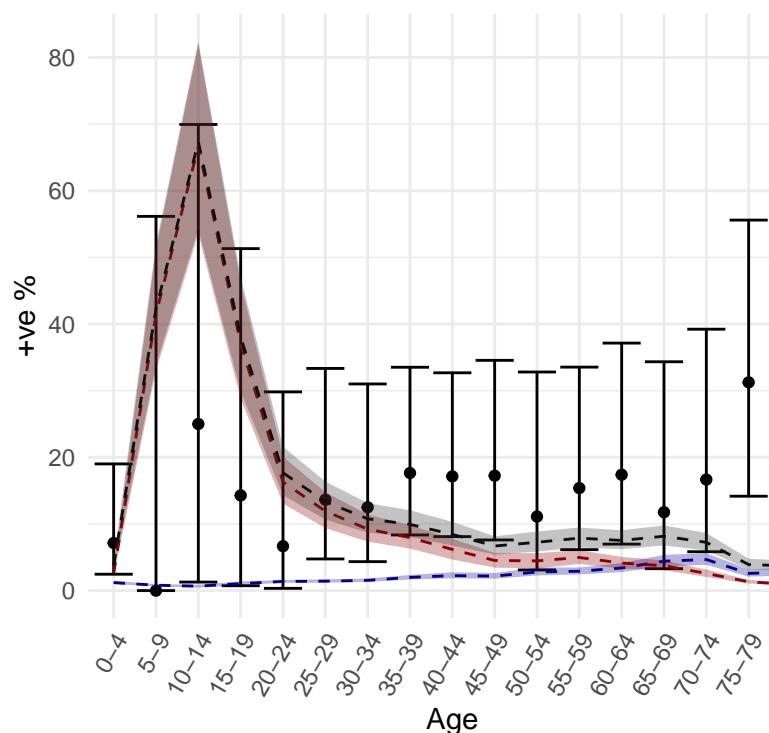
Post-mortem weekly PCR prev.

UTH mortuary



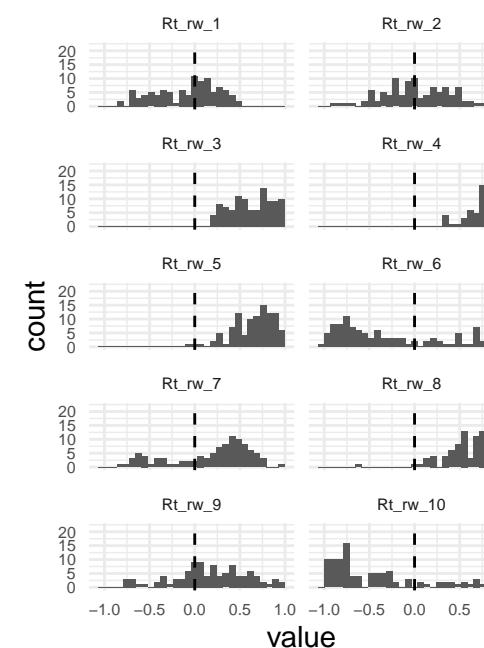
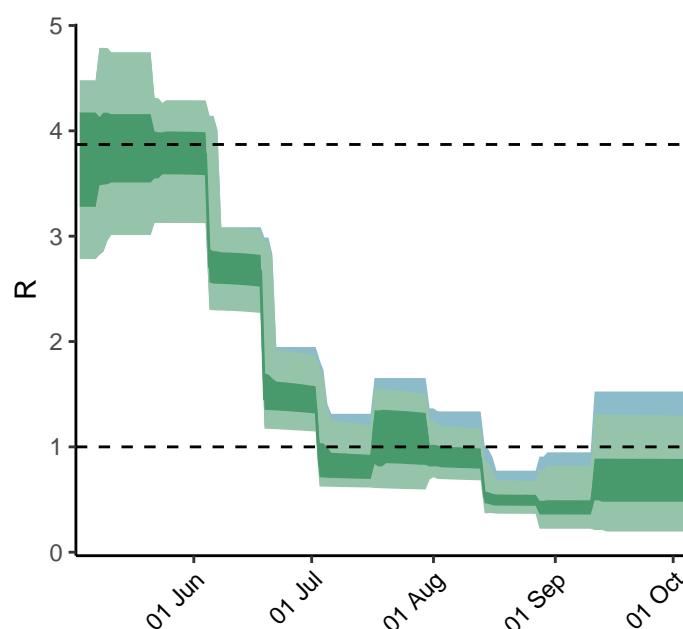
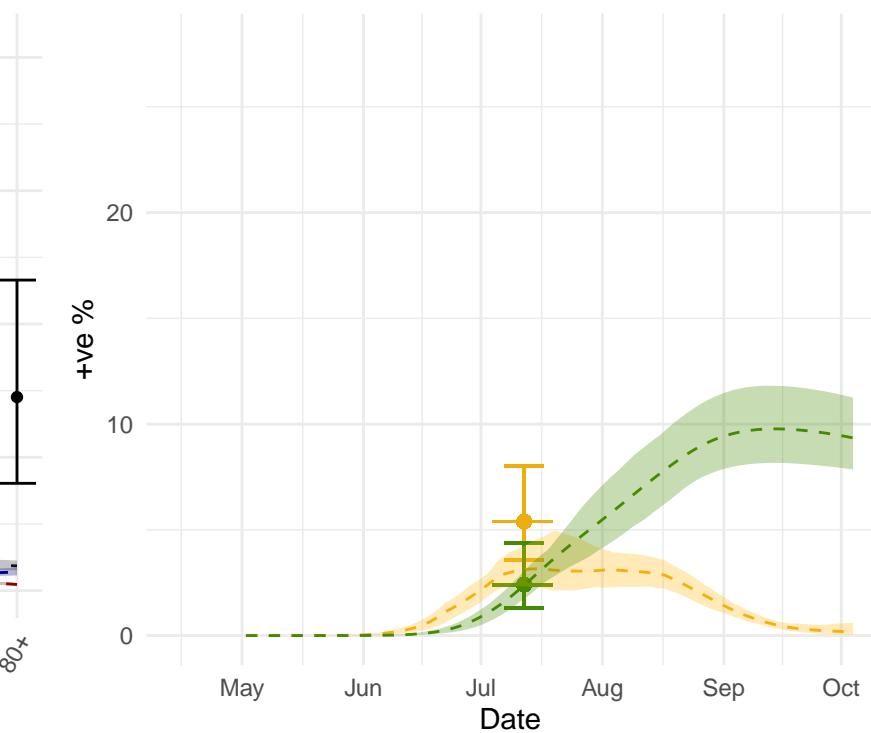
Post-mortem PCR prev. by age

UTH mortuary

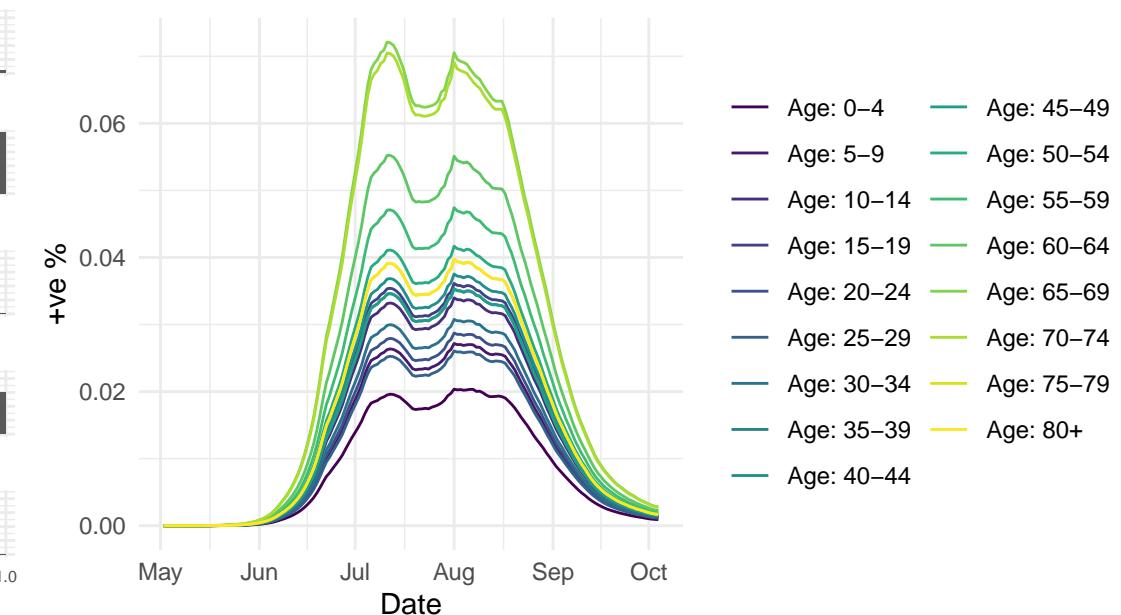


Population prevalence

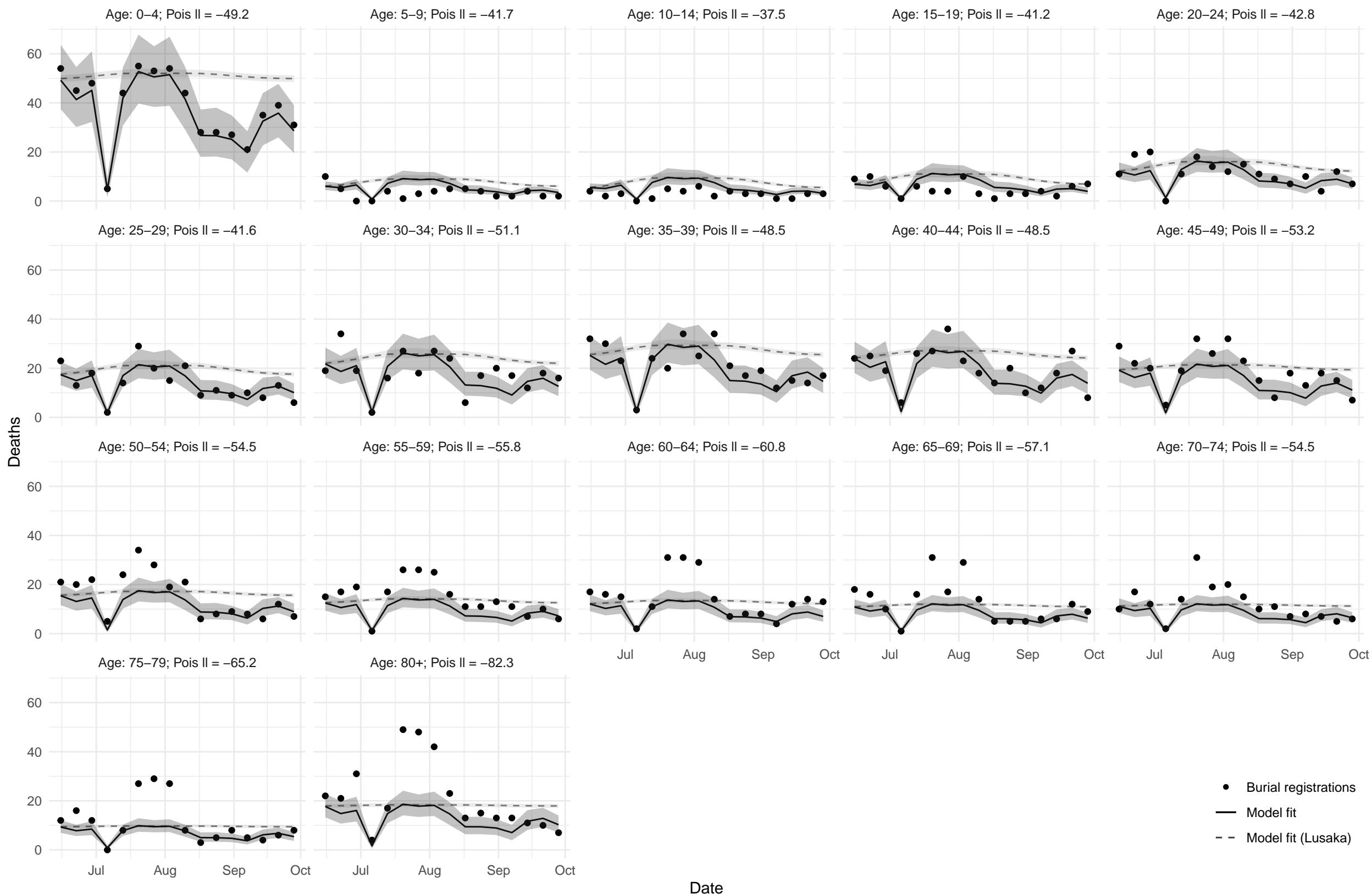
Lusaka



Modelled PCR %

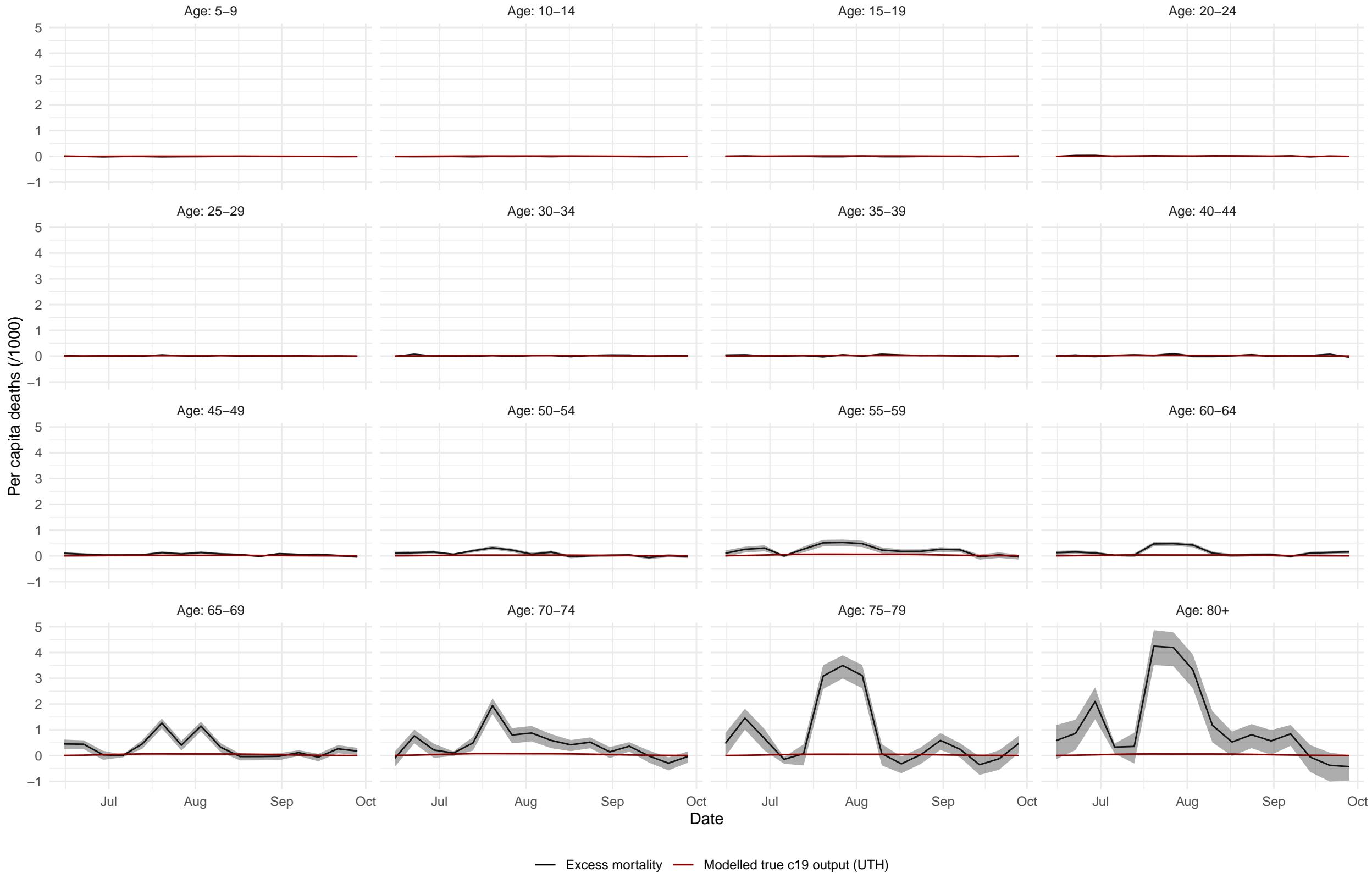


IFR x1.25, Slope x0.2
Lusaka weekly burial registrations



IFR x 1.25, Slope x 0.2

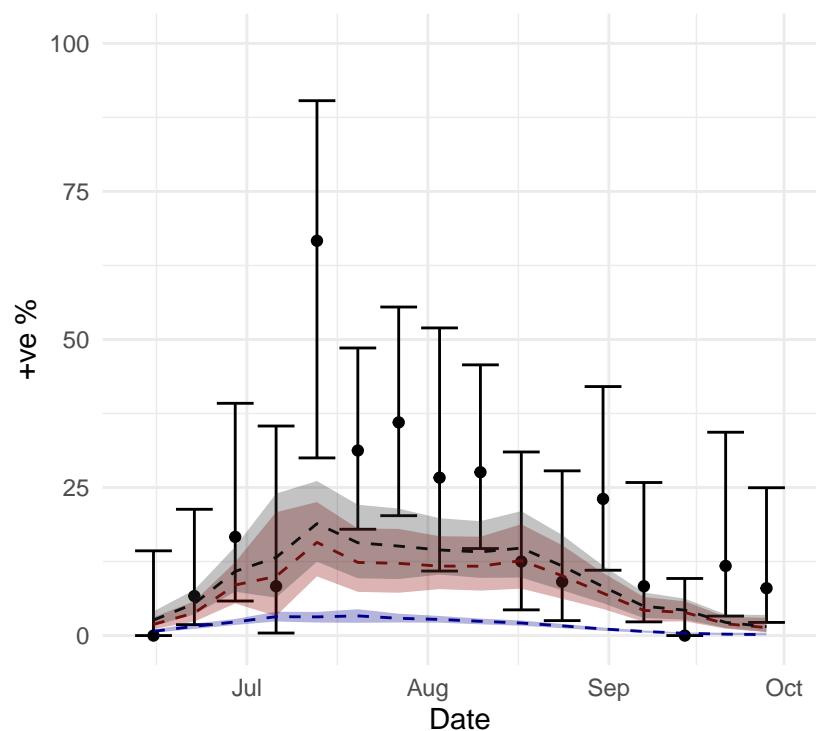
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 1.67, Slope x 0.2

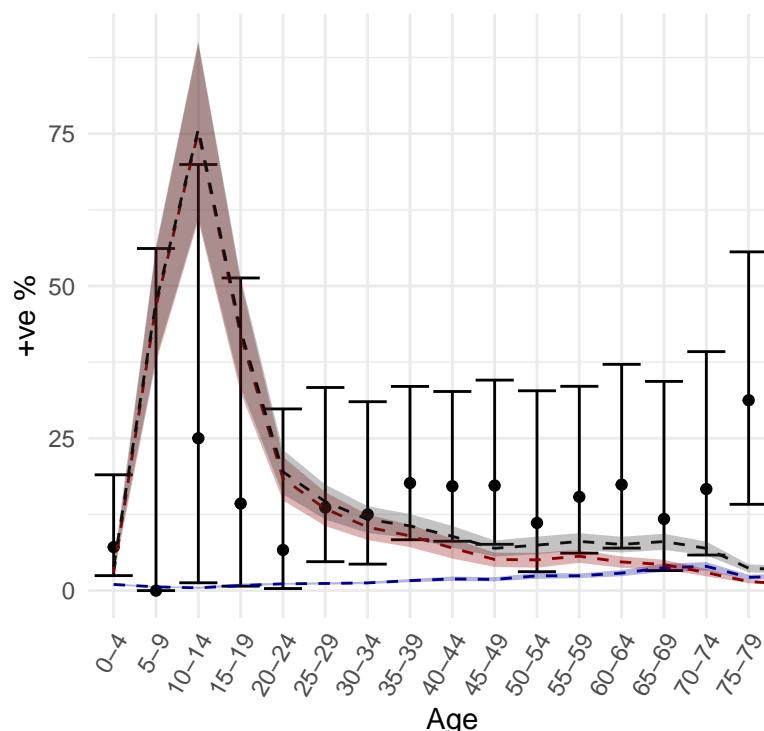
Post-mortem weekly PCR prev.

UTH mortuary



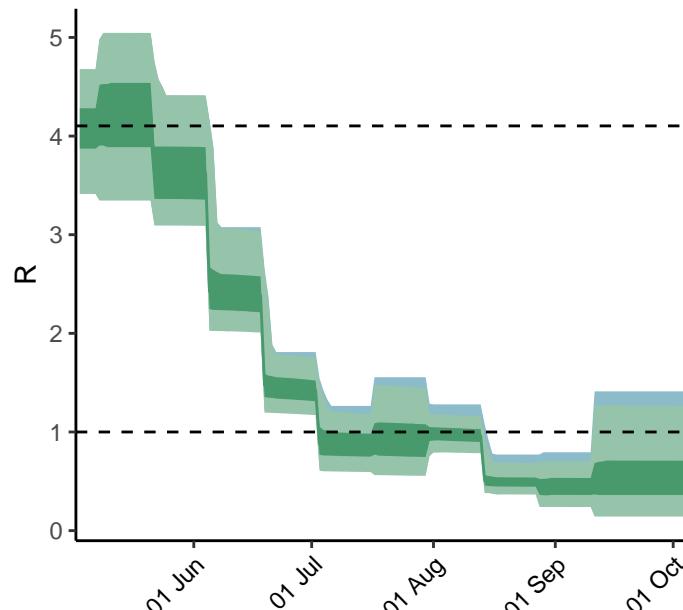
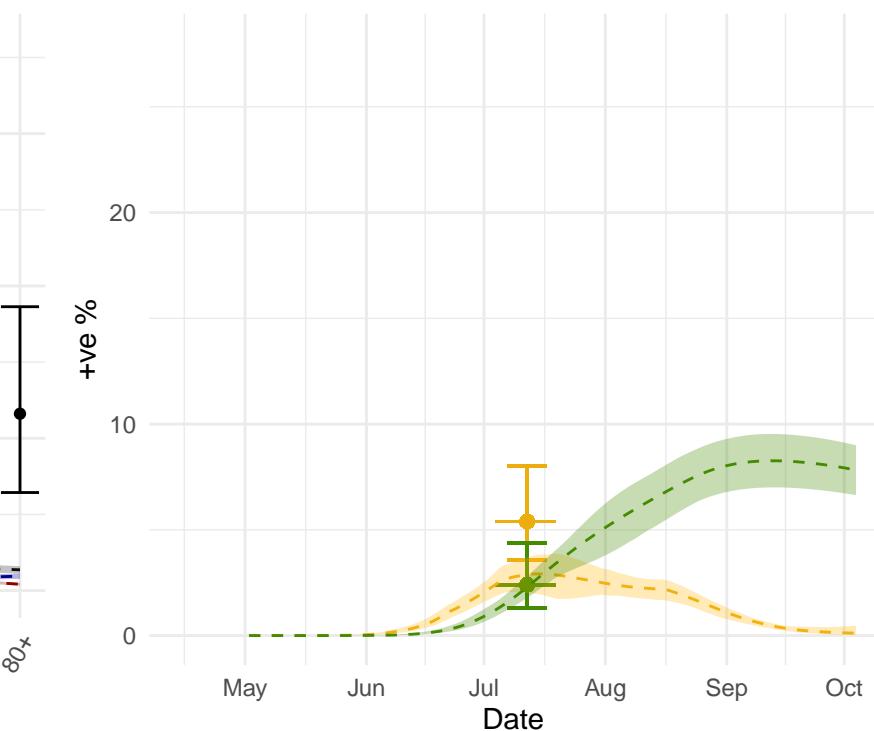
Post-mortem PCR prev. by age

UTH mortuary

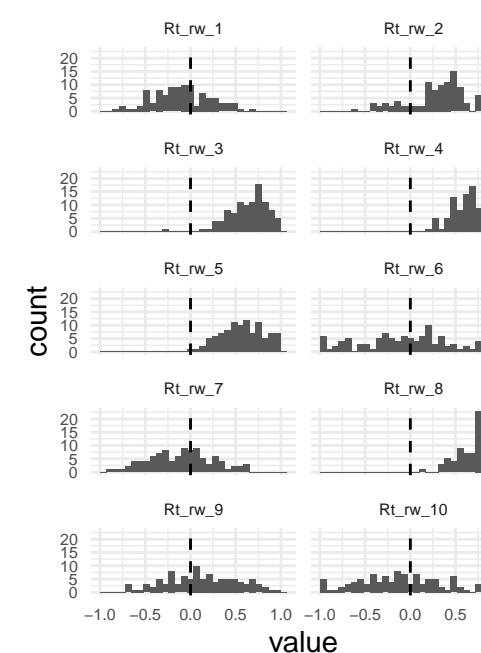


Population prevalence

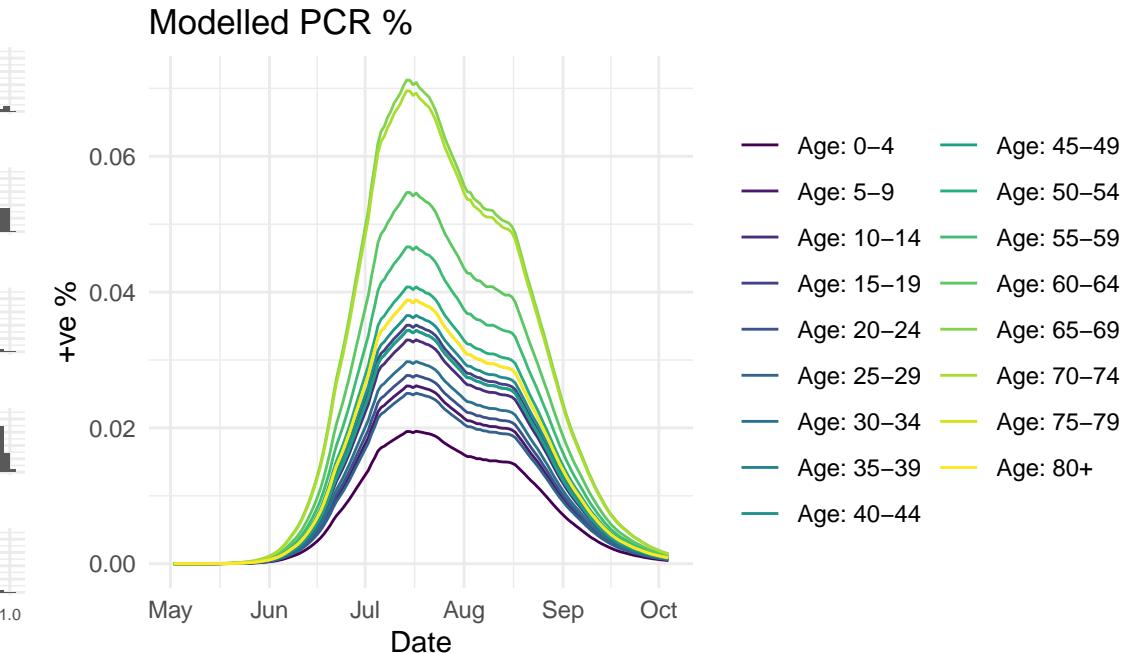
Lusaka



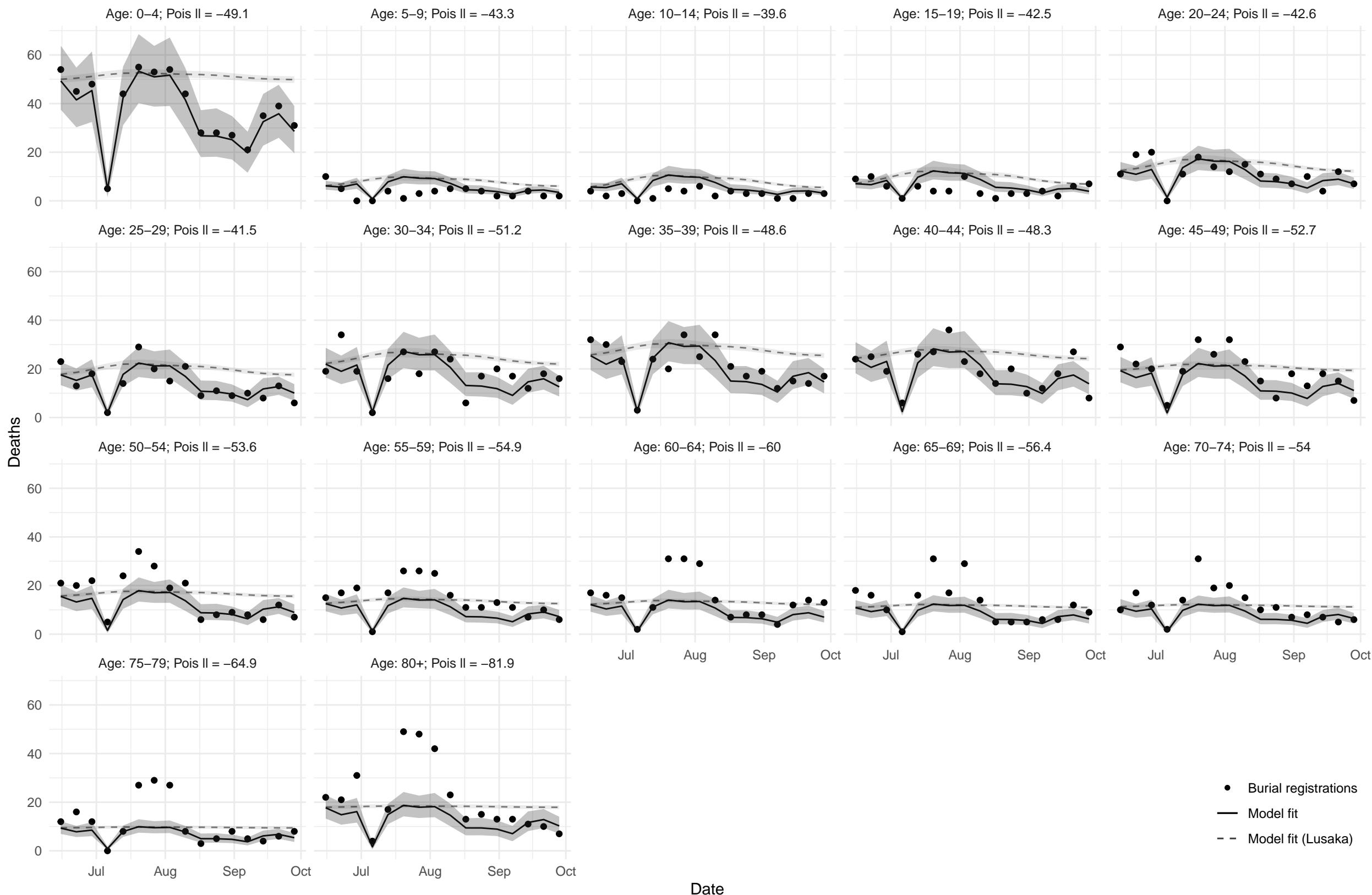
- - Total +ve deaths
- - Causal deaths
- - - Coincidental deaths



Modelled PCR %

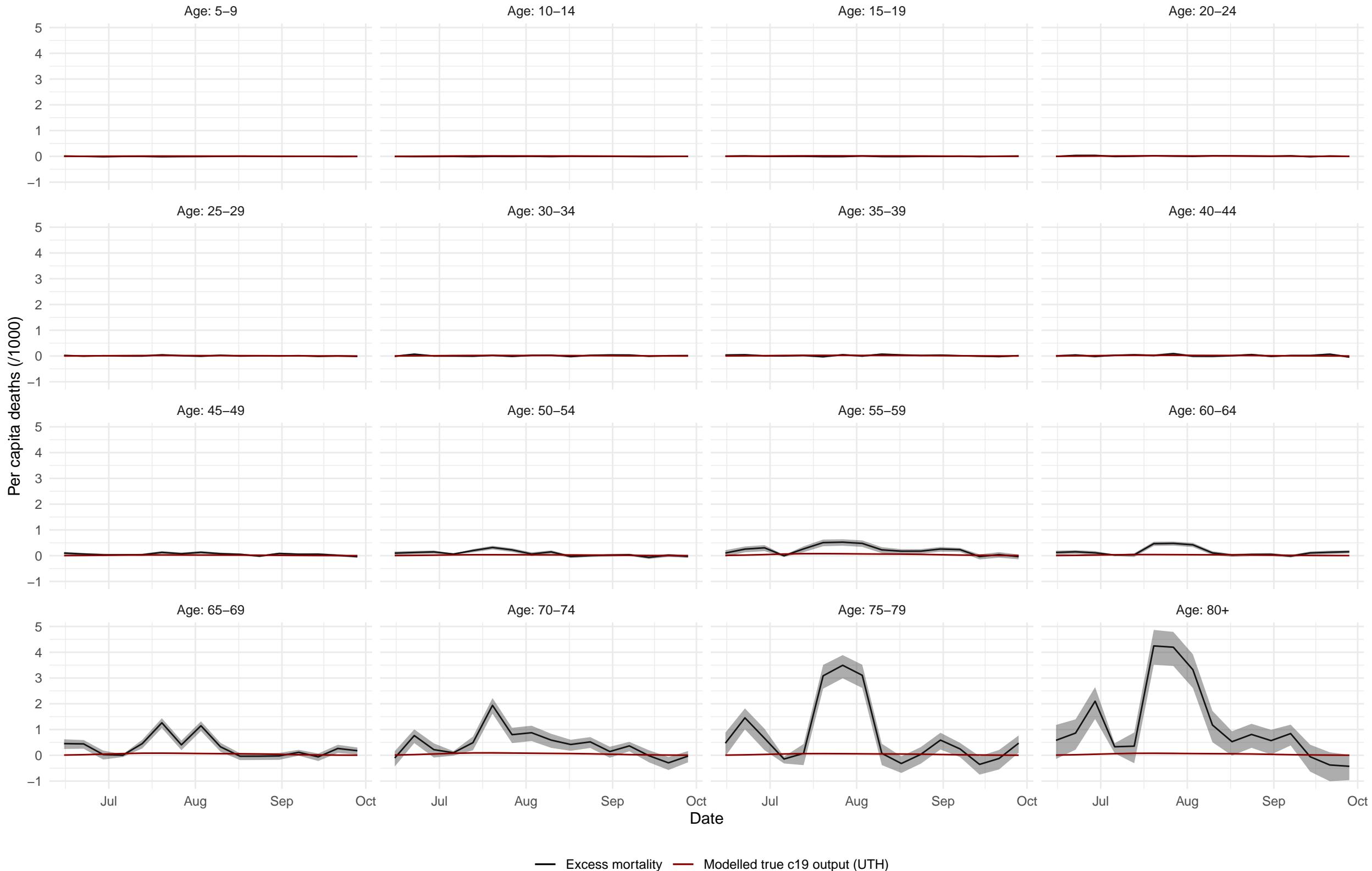


IFR x1.67, Slope x0.2
Lusaka weekly burial registrations



IFR x 1.67, Slope x 0.2

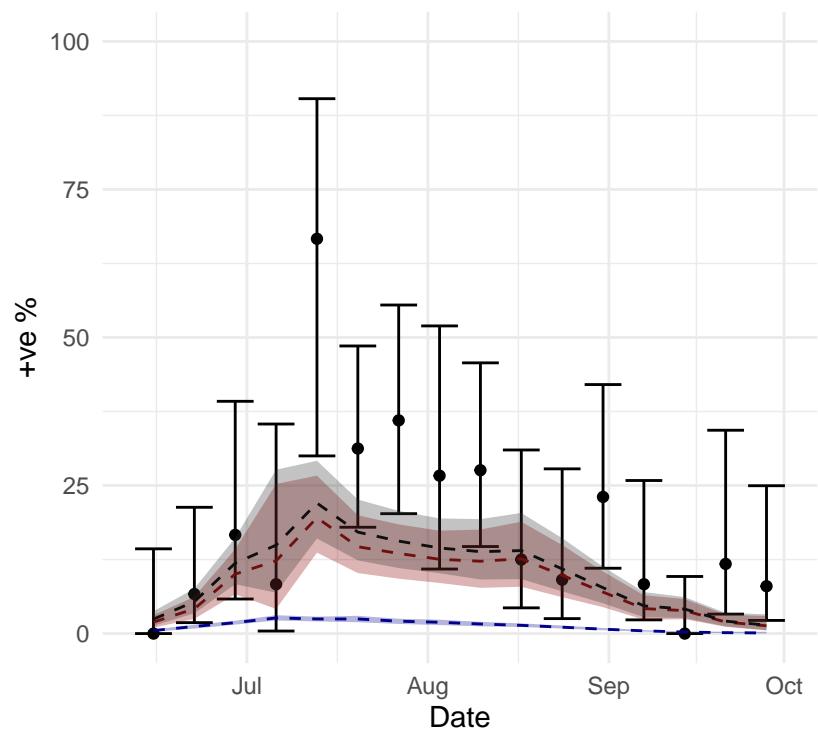
COVID-19 excess mortality: Comparison of MCMC results with squire results



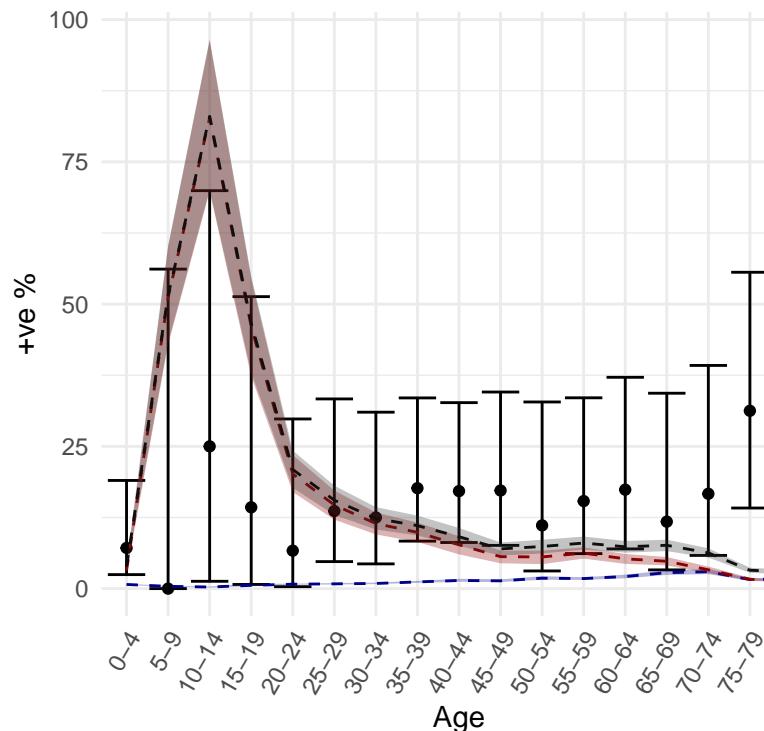
IFR x 2.5, Slope x 0.2

Post-mortem weekly PCR prev.

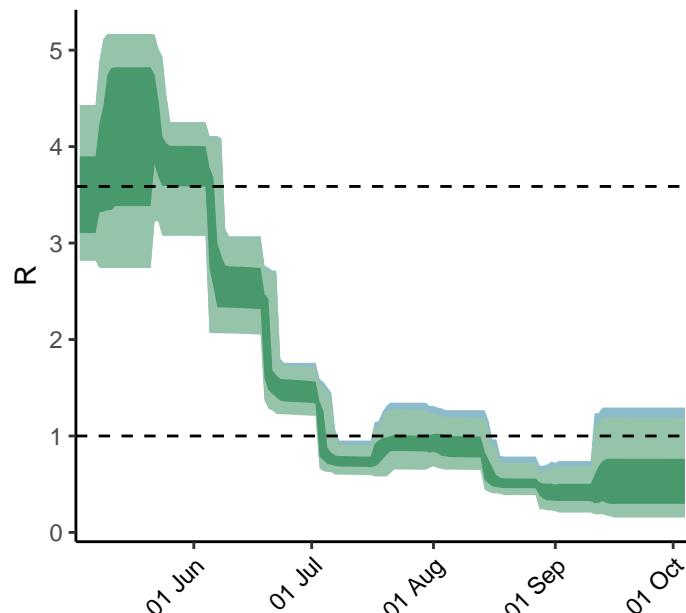
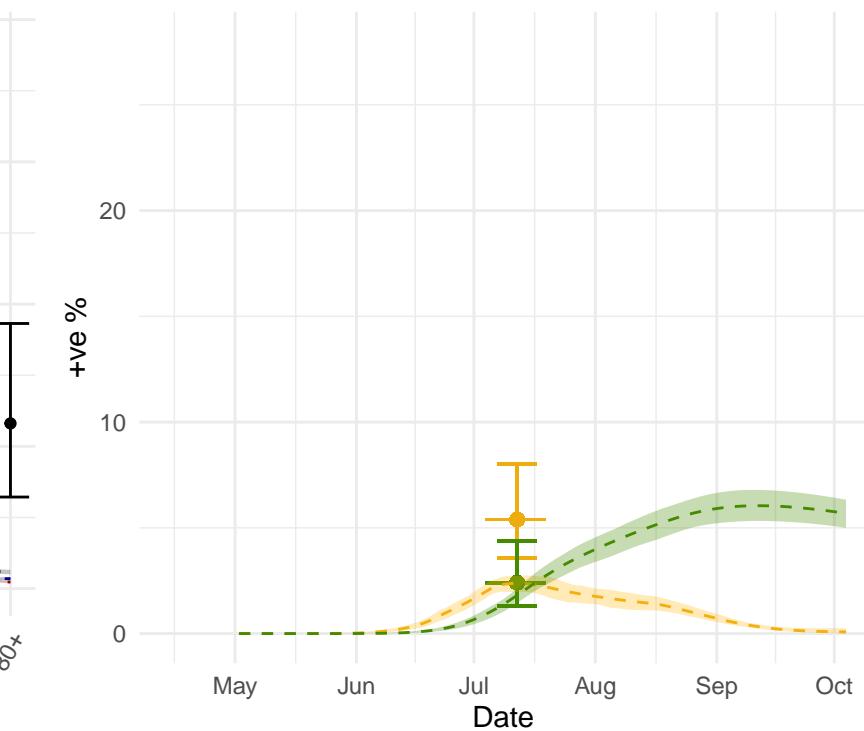
UTH mortuary



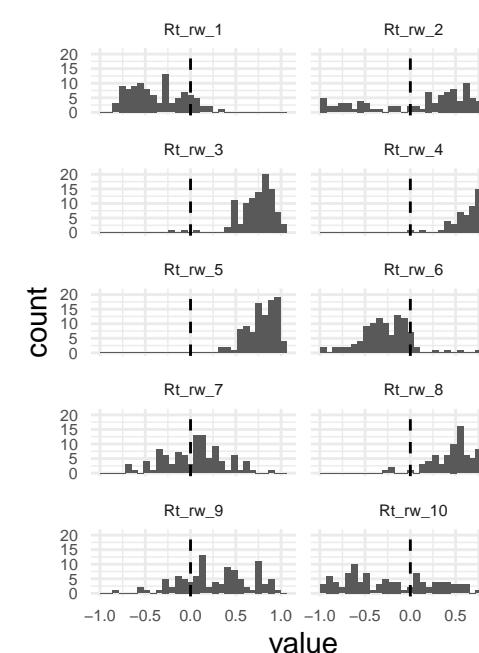
Post-mortem PCR prev. by age
UTH mortuary



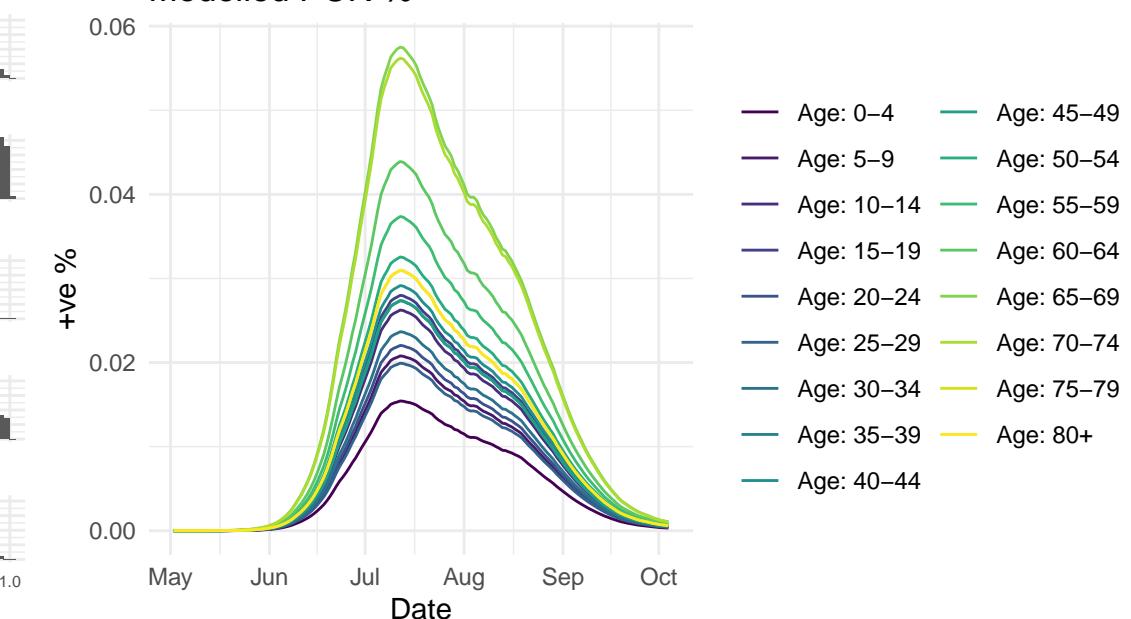
Population prevalence
Lusaka



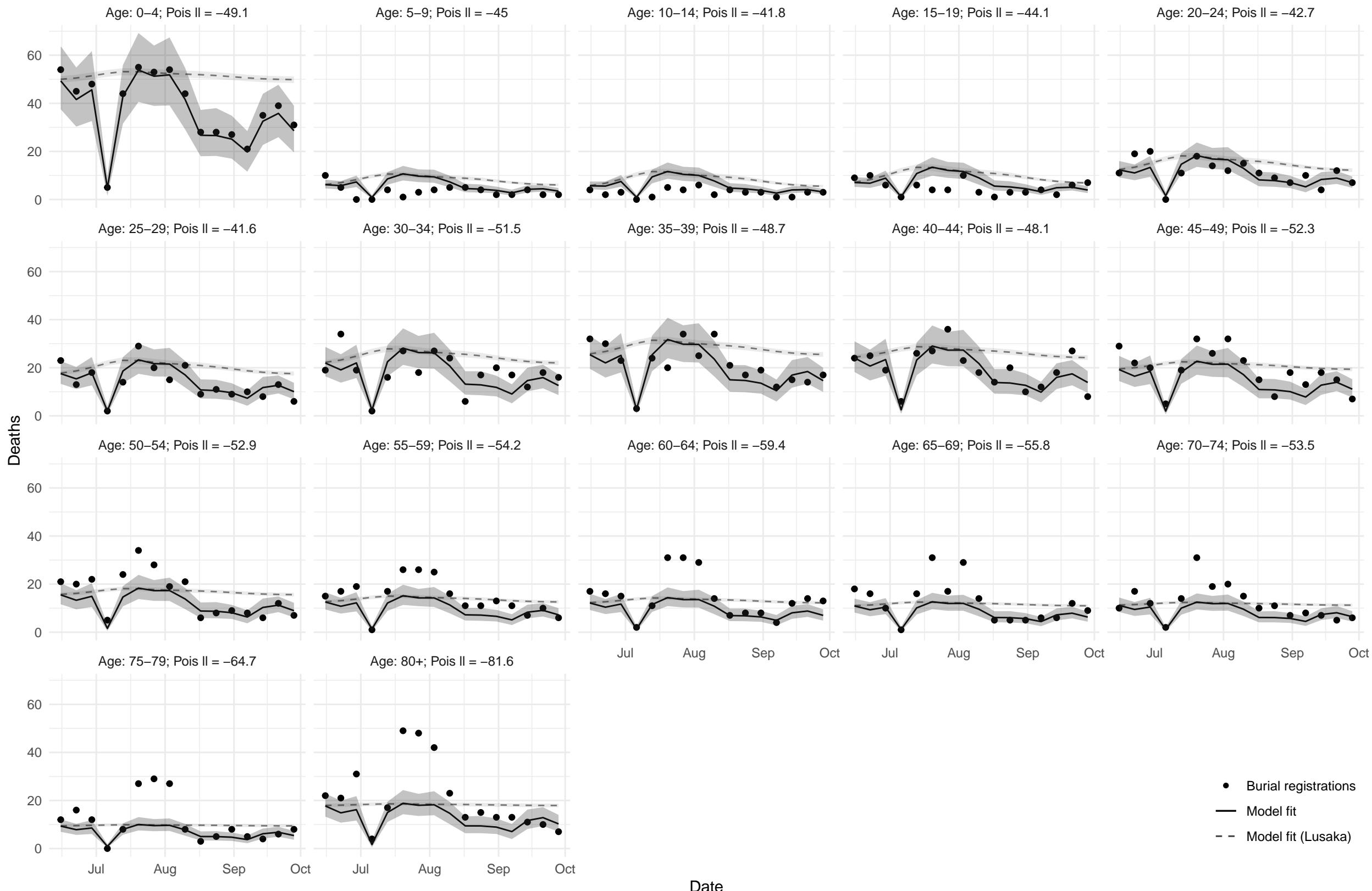
- - Total +ve deaths
- - Causal deaths
- - Coincidental deaths



Modelled PCR %

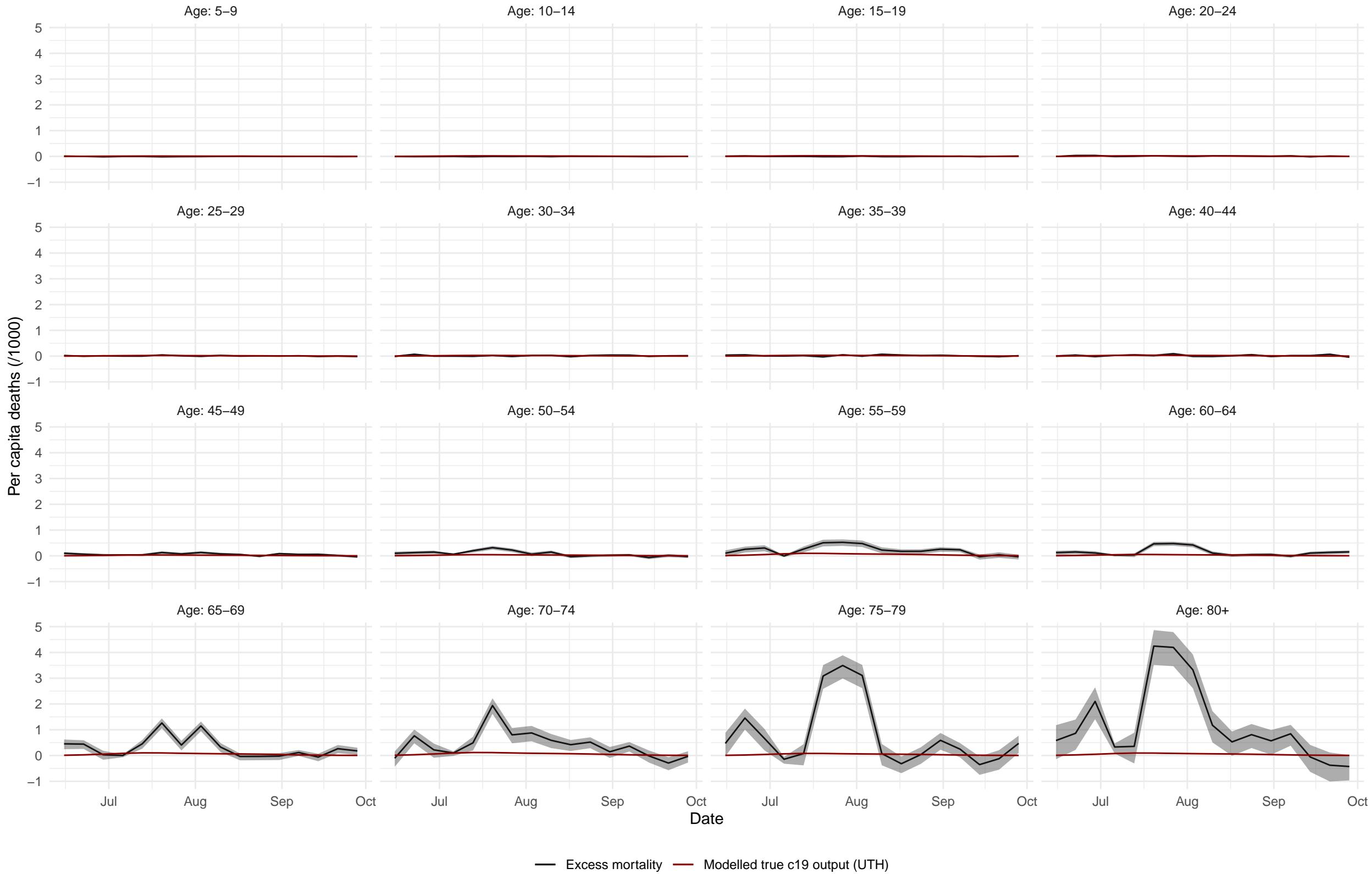


IFR x2.5, Slope x0.2
Lusaka weekly burial registrations



IFR x 2.5, Slope x 0.2

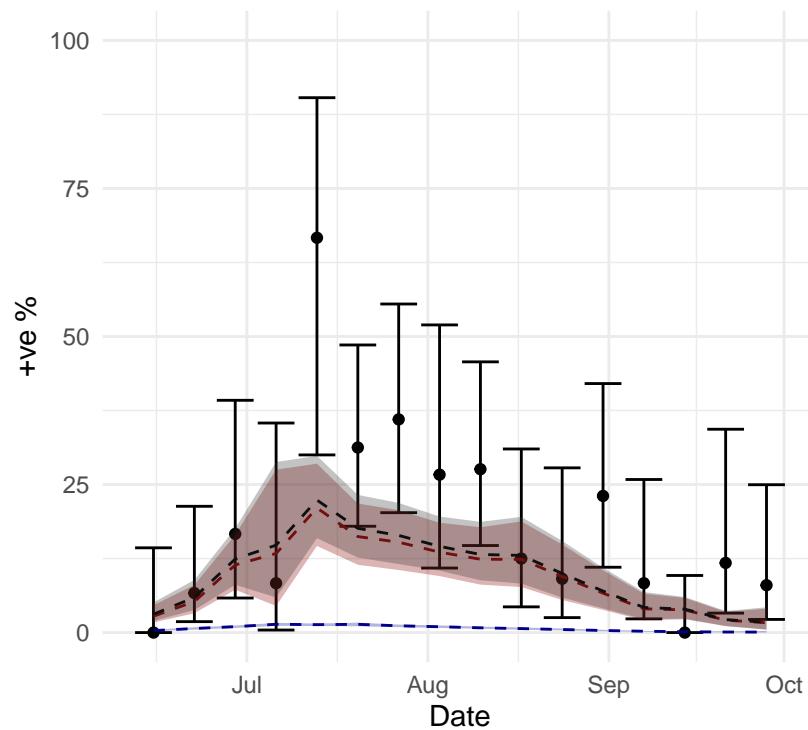
COVID-19 excess mortality: Comparison of MCMC results with squire results



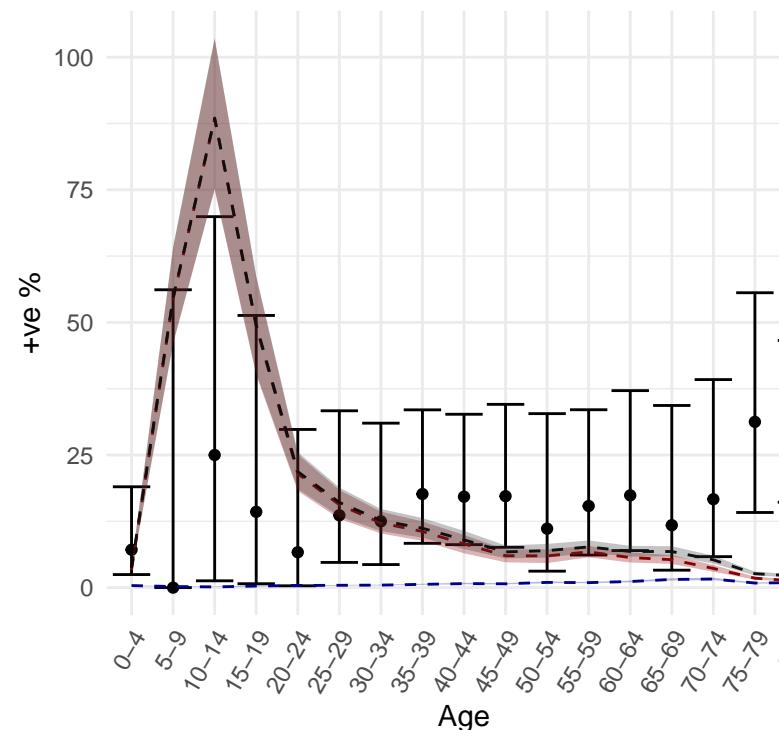
IFR x 5, Slope x 0.2

Post-mortem weekly PCR prev.

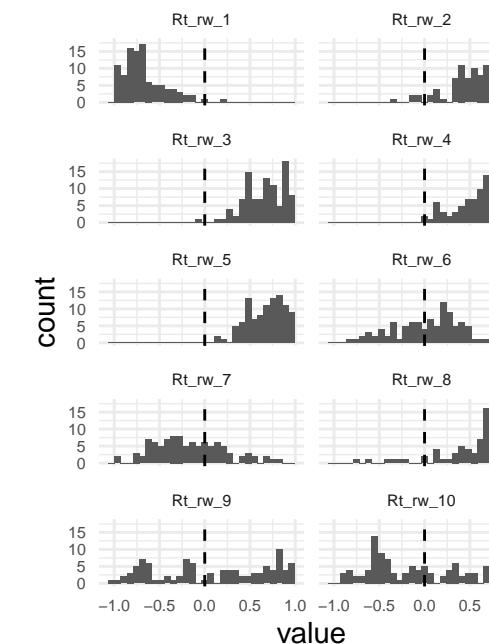
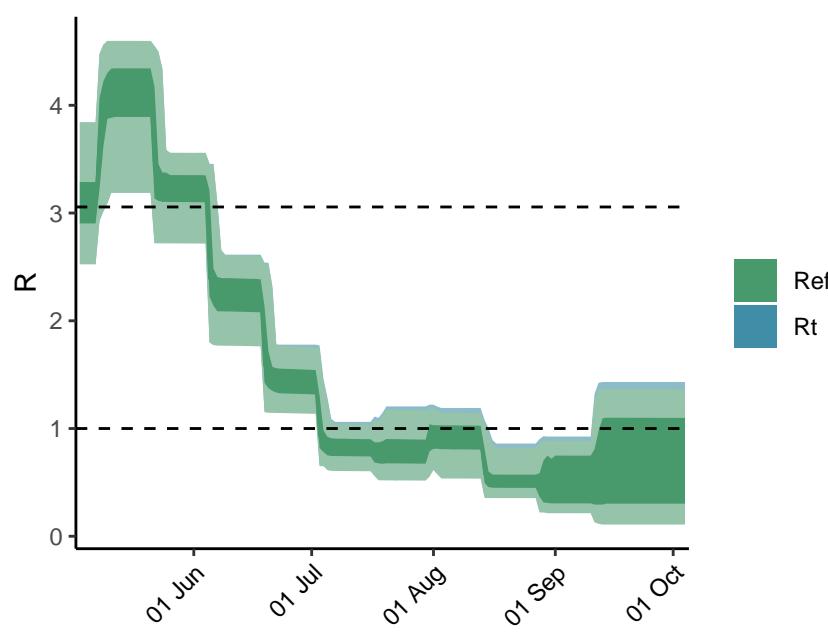
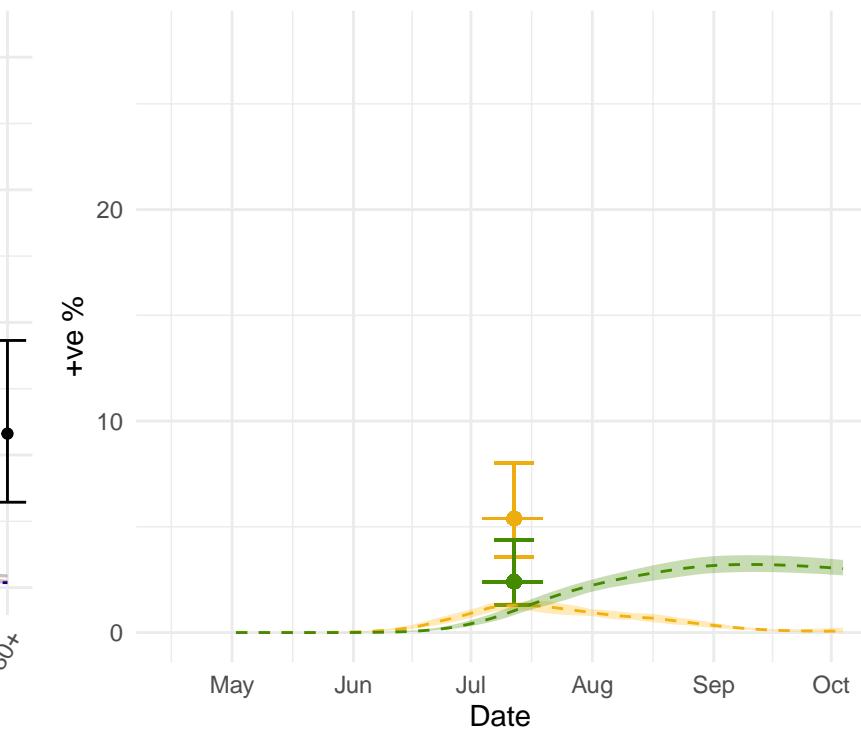
UTH mortuary



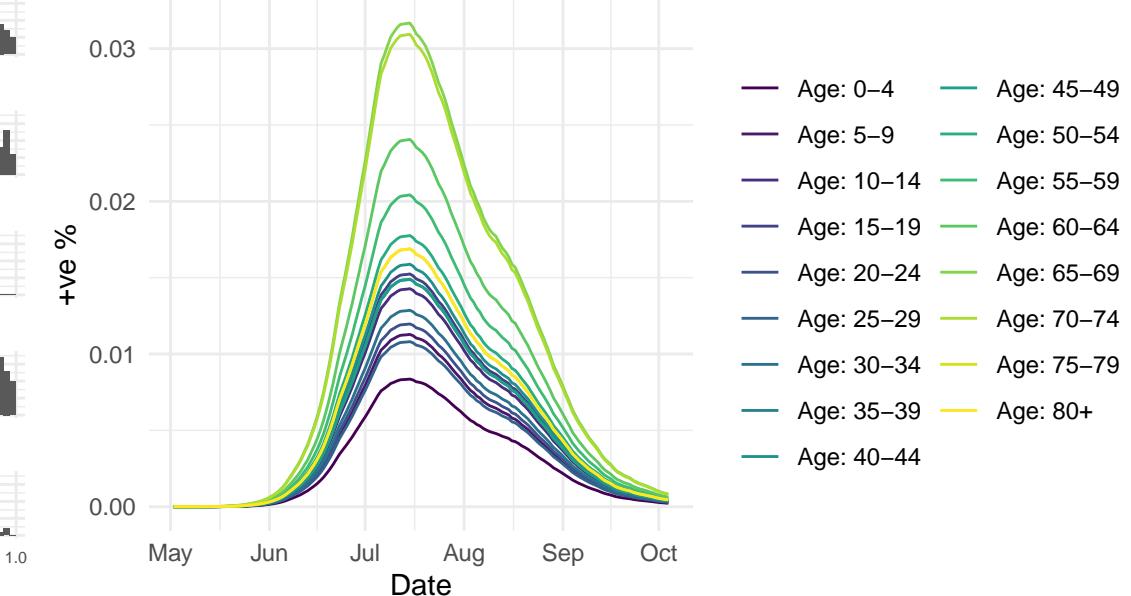
Post-mortem PCR prev. by age
UTH mortuary



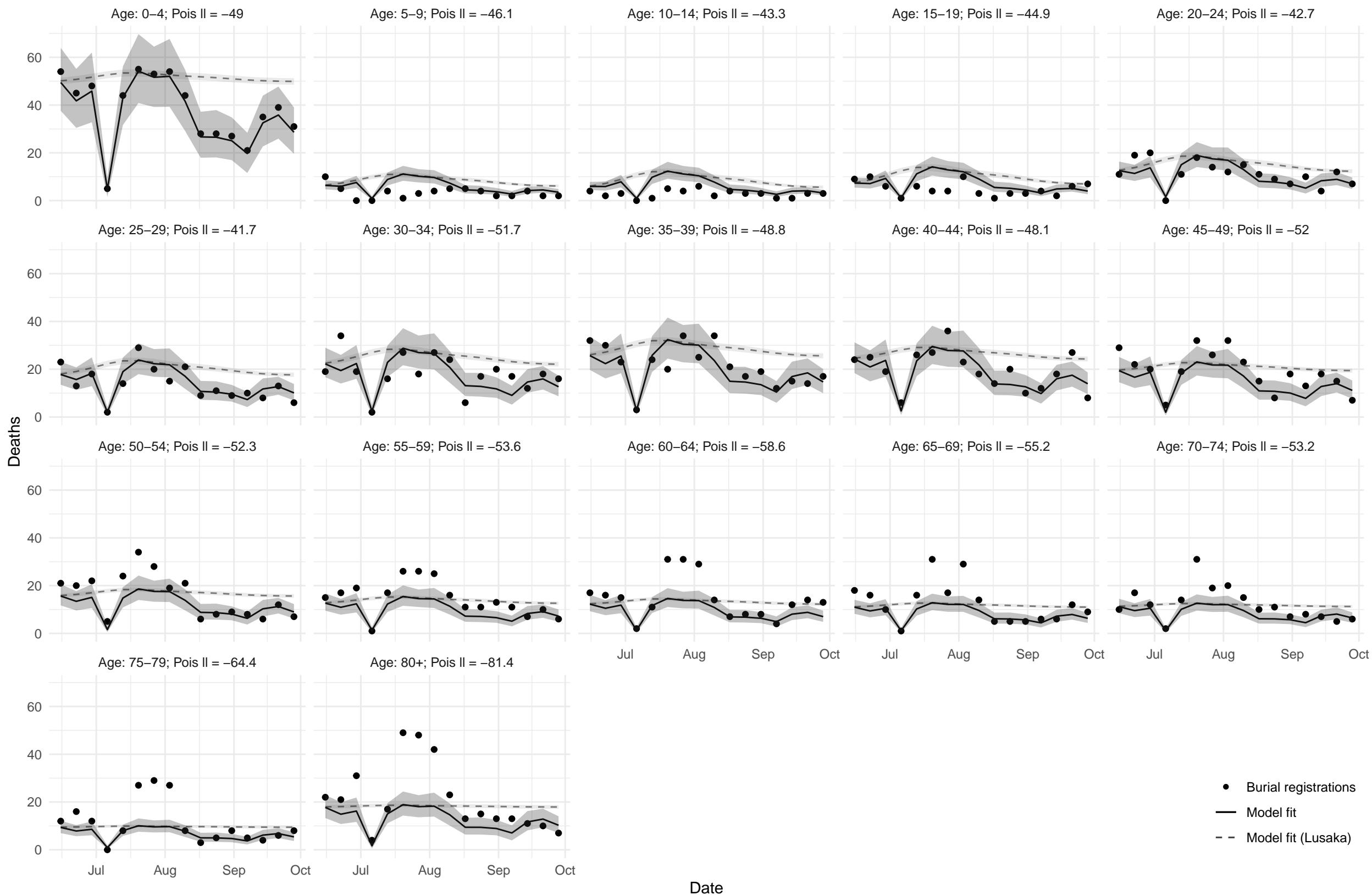
Population prevalence
Lusaka



Modelled PCR %

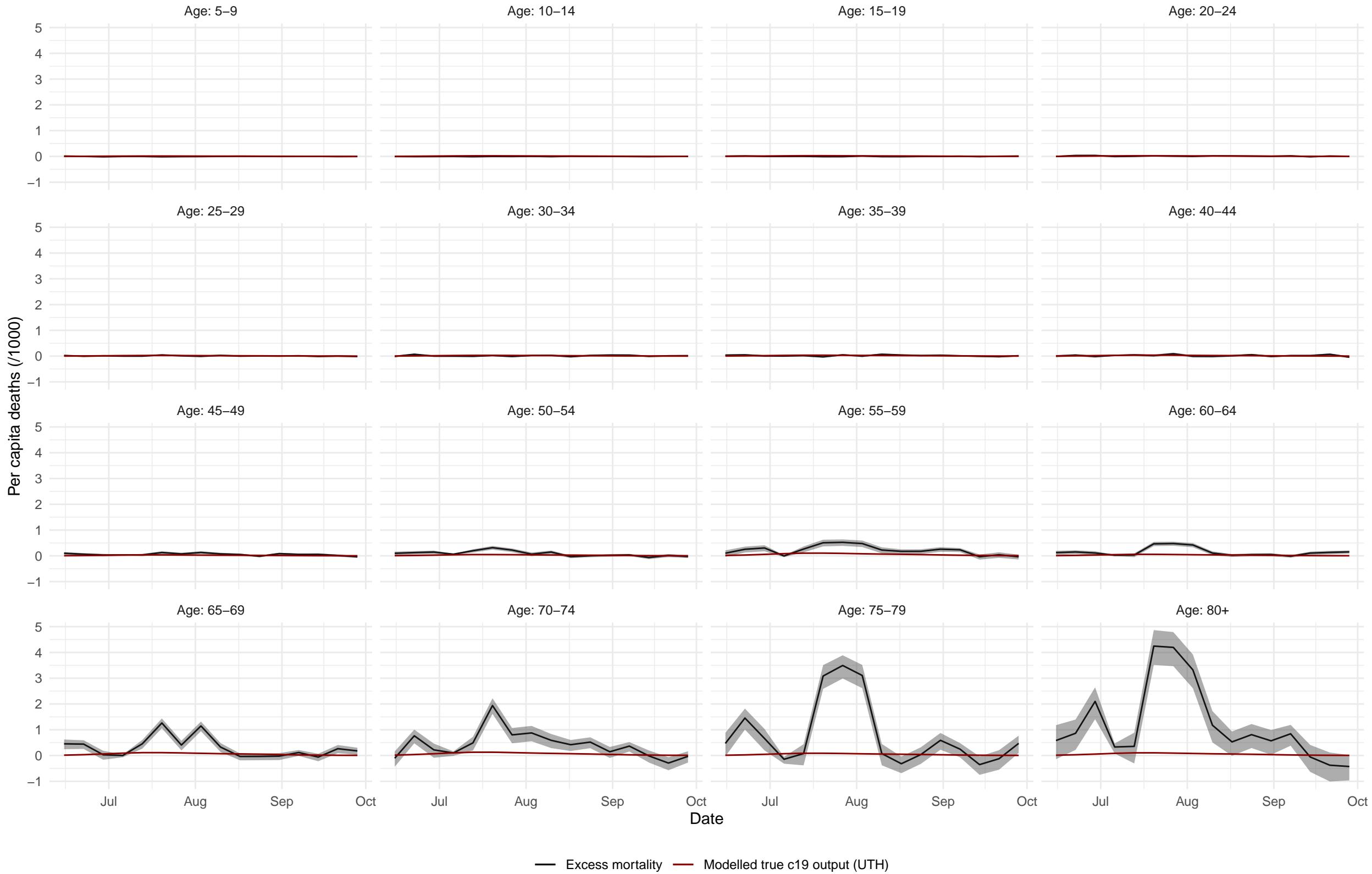


IFR x5, Slope x0.2
Lusaka weekly burial registrations



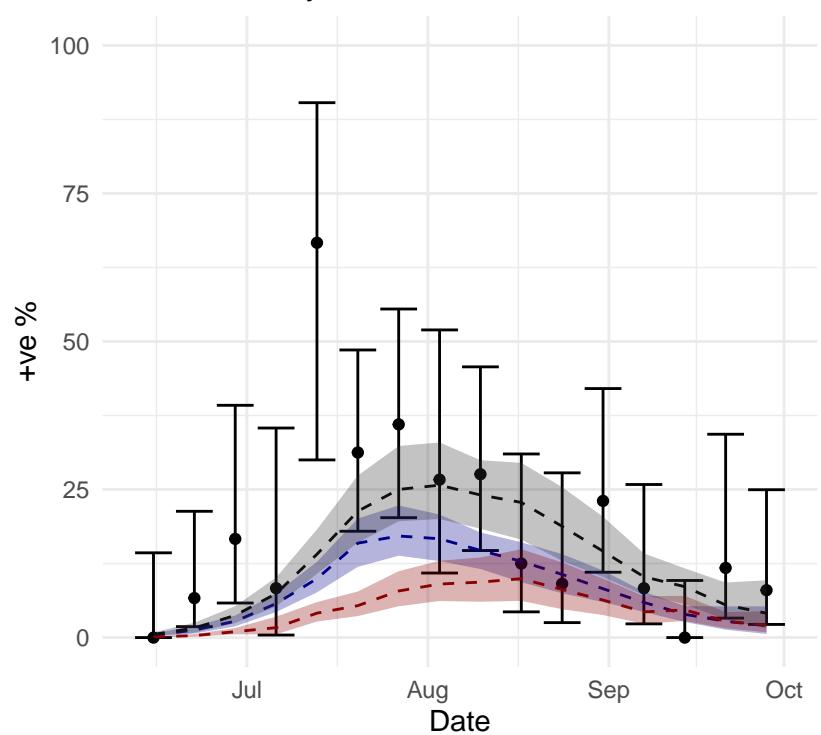
IFR x 5, Slope x 0.2

COVID-19 excess mortality: Comparison of MCMC results with squire results

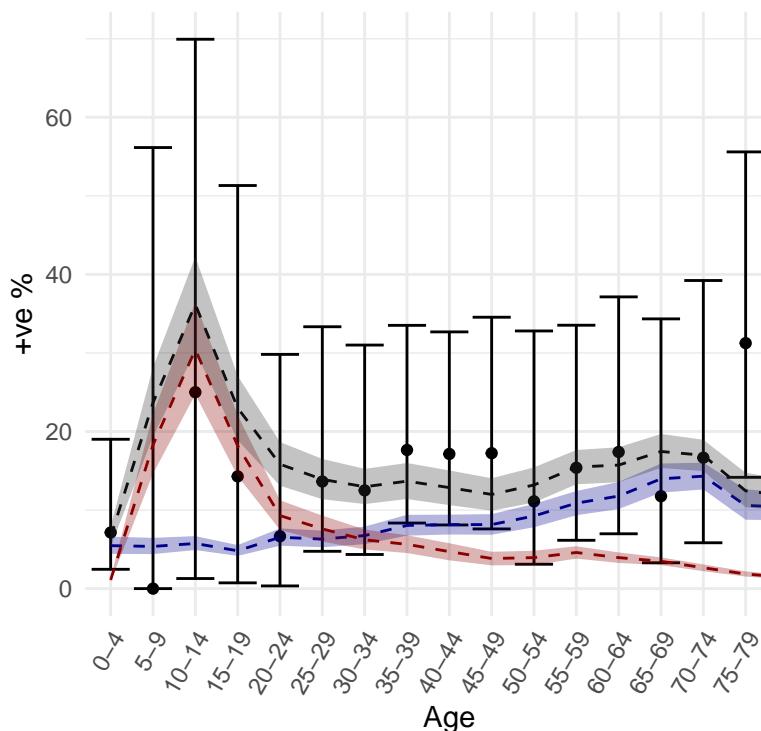


IFR x 0.2, Slope x 0.4

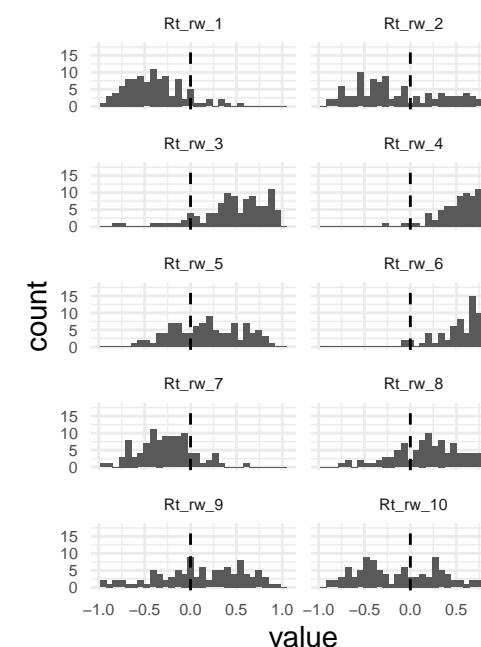
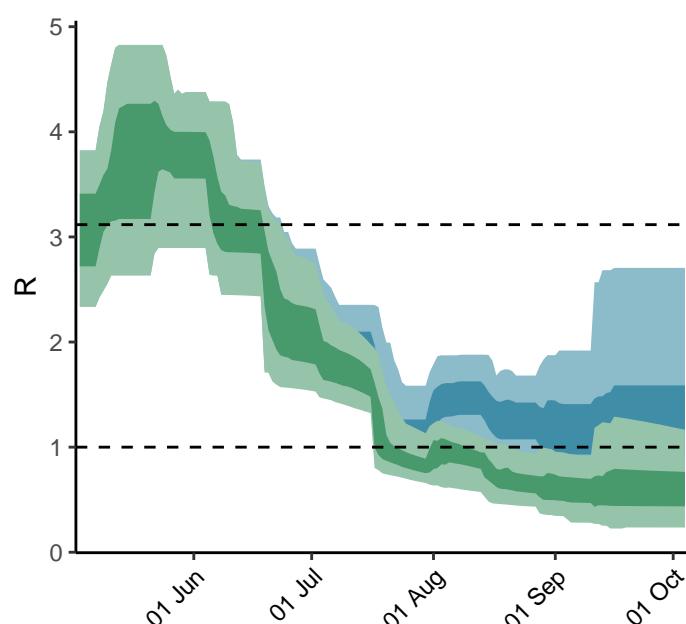
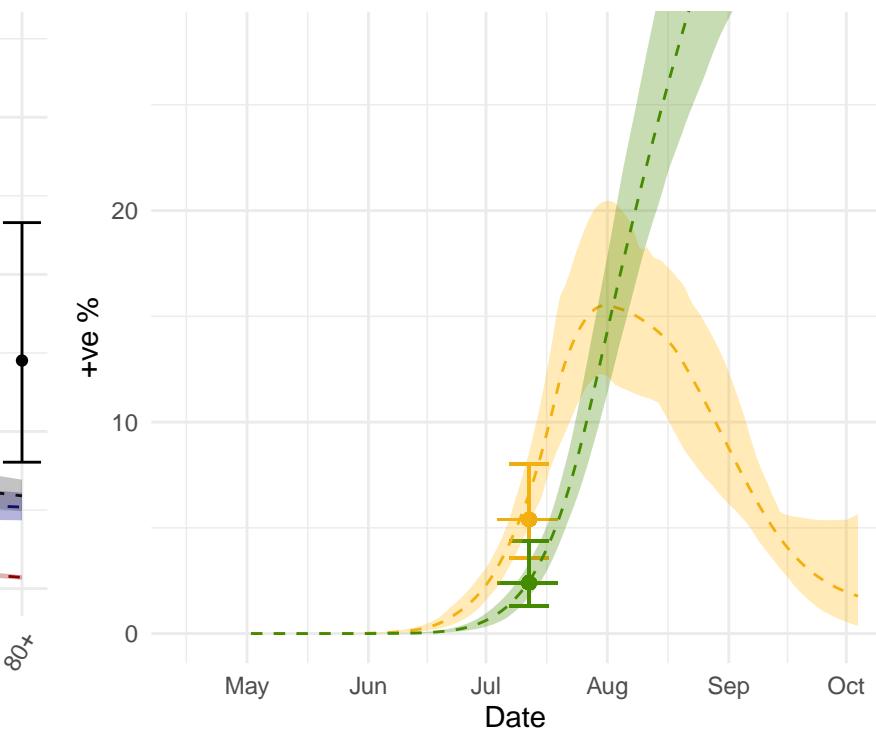
Post-mortem weekly PCR prev.
UTH mortuary



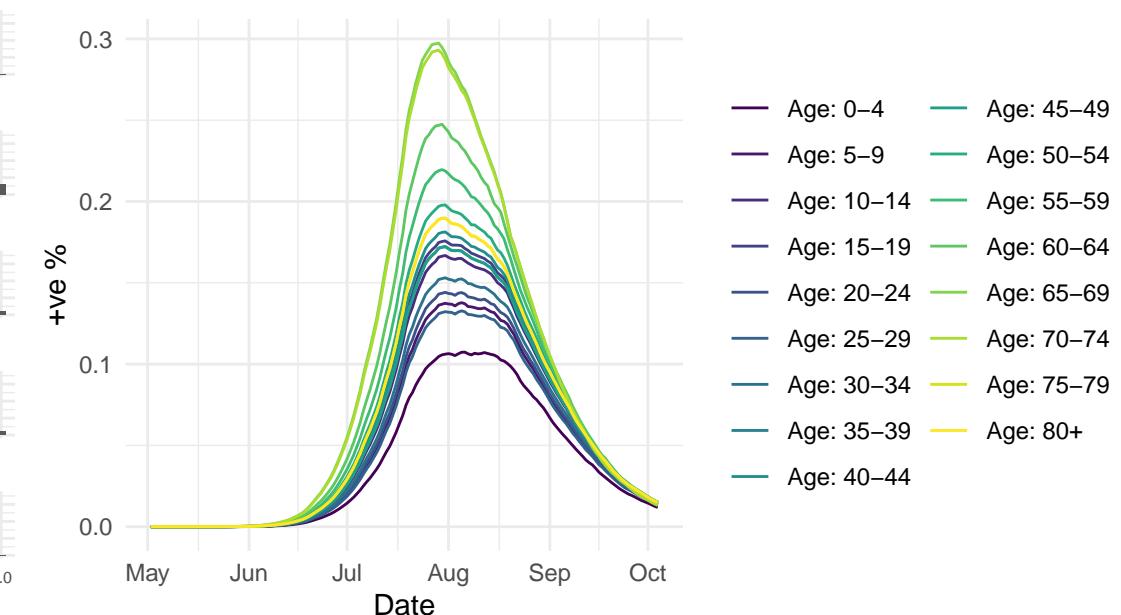
Post-mortem PCR prev. by age
UTH mortuary



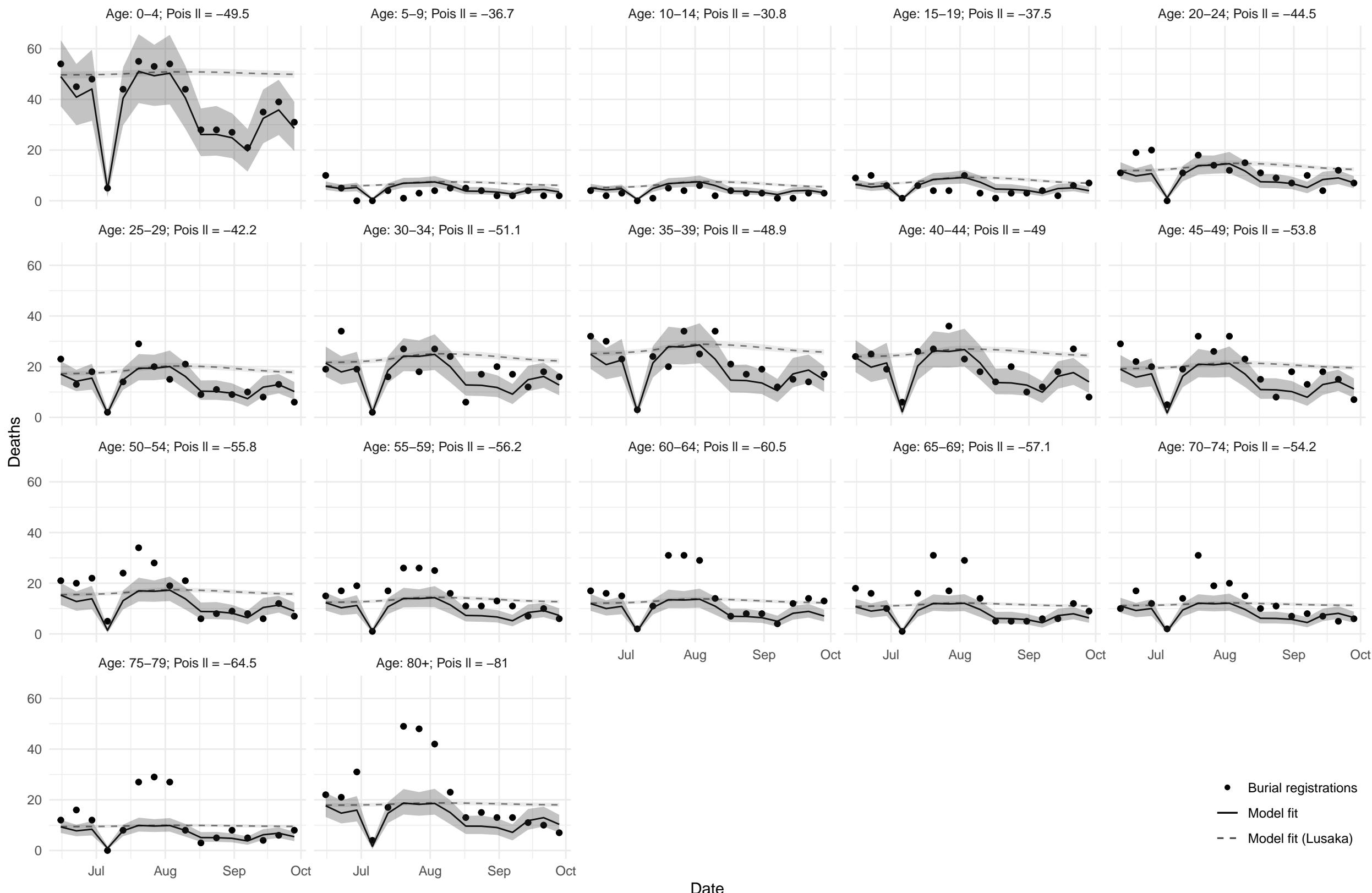
Population prevalence
Lusaka



Modelled PCR %

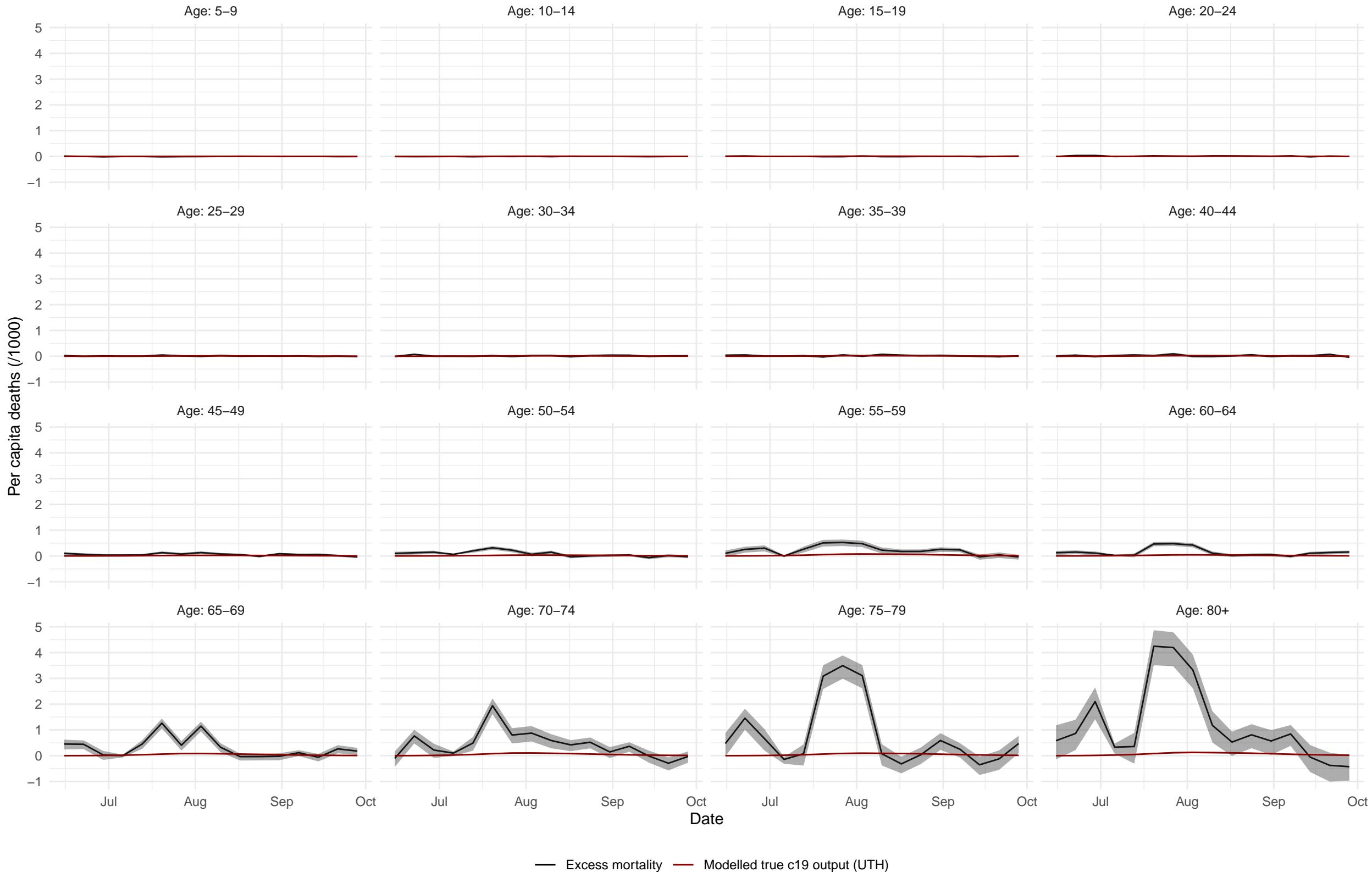


IFR x0.2, Slope x0.4
Lusaka weekly burial registrations



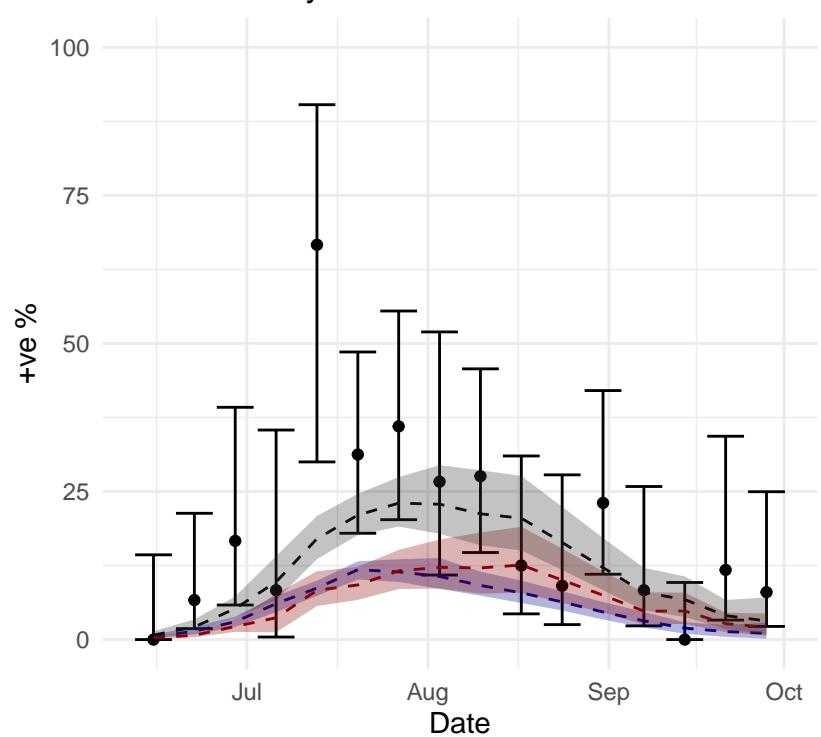
IFR x 0.2, Slope x 0.4

COVID-19 excess mortality: Comparison of MCMC results with squire results

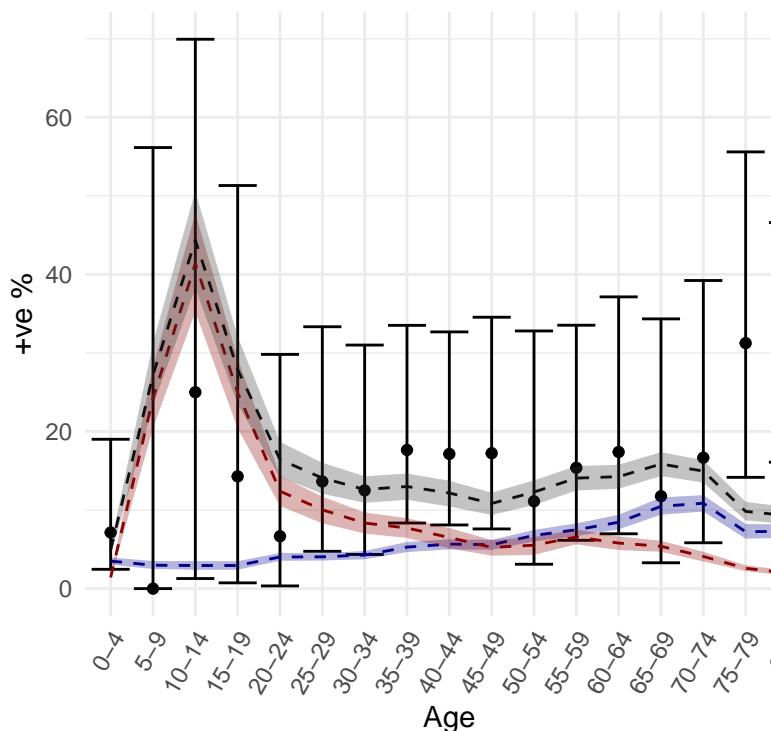


IFR x 0.4, Slope x 0.4

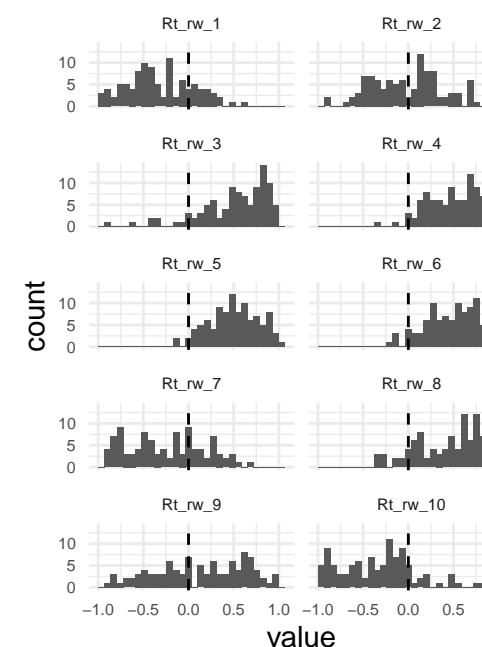
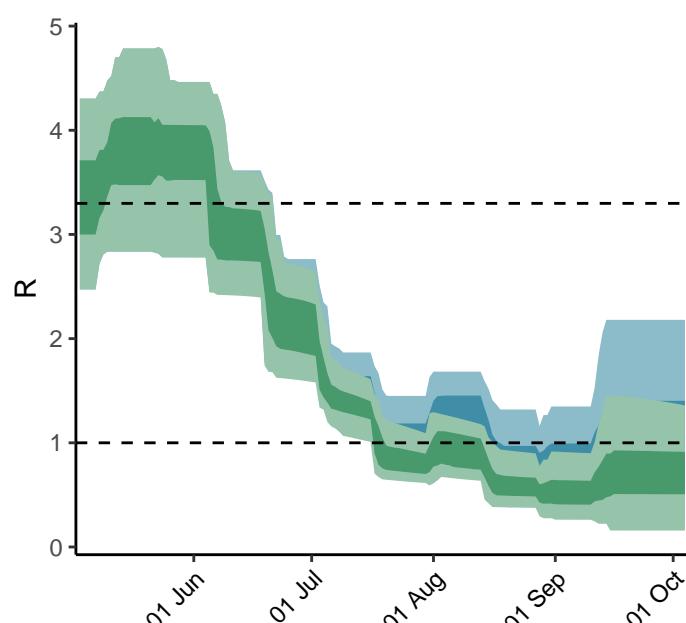
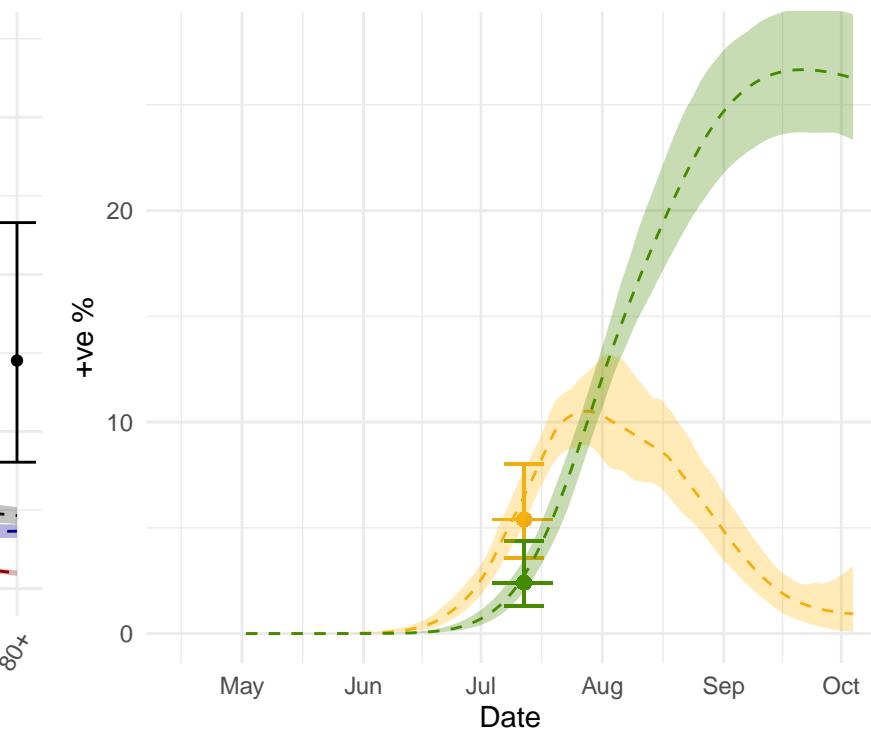
Post-mortem weekly PCR prev.
UTH mortuary



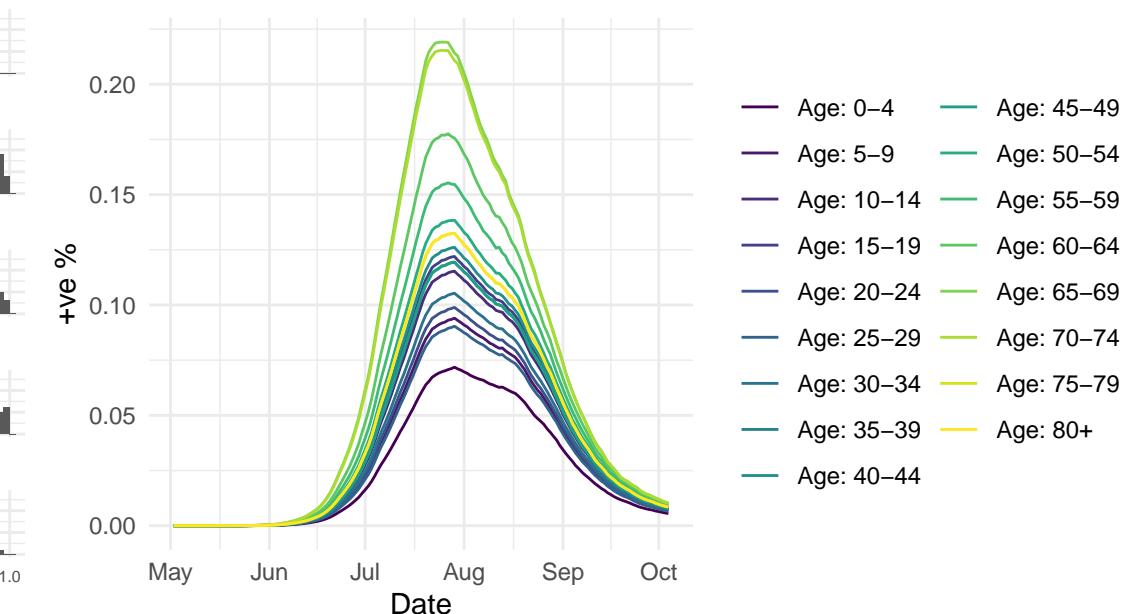
Post-mortem PCR prev. by age
UTH mortuary



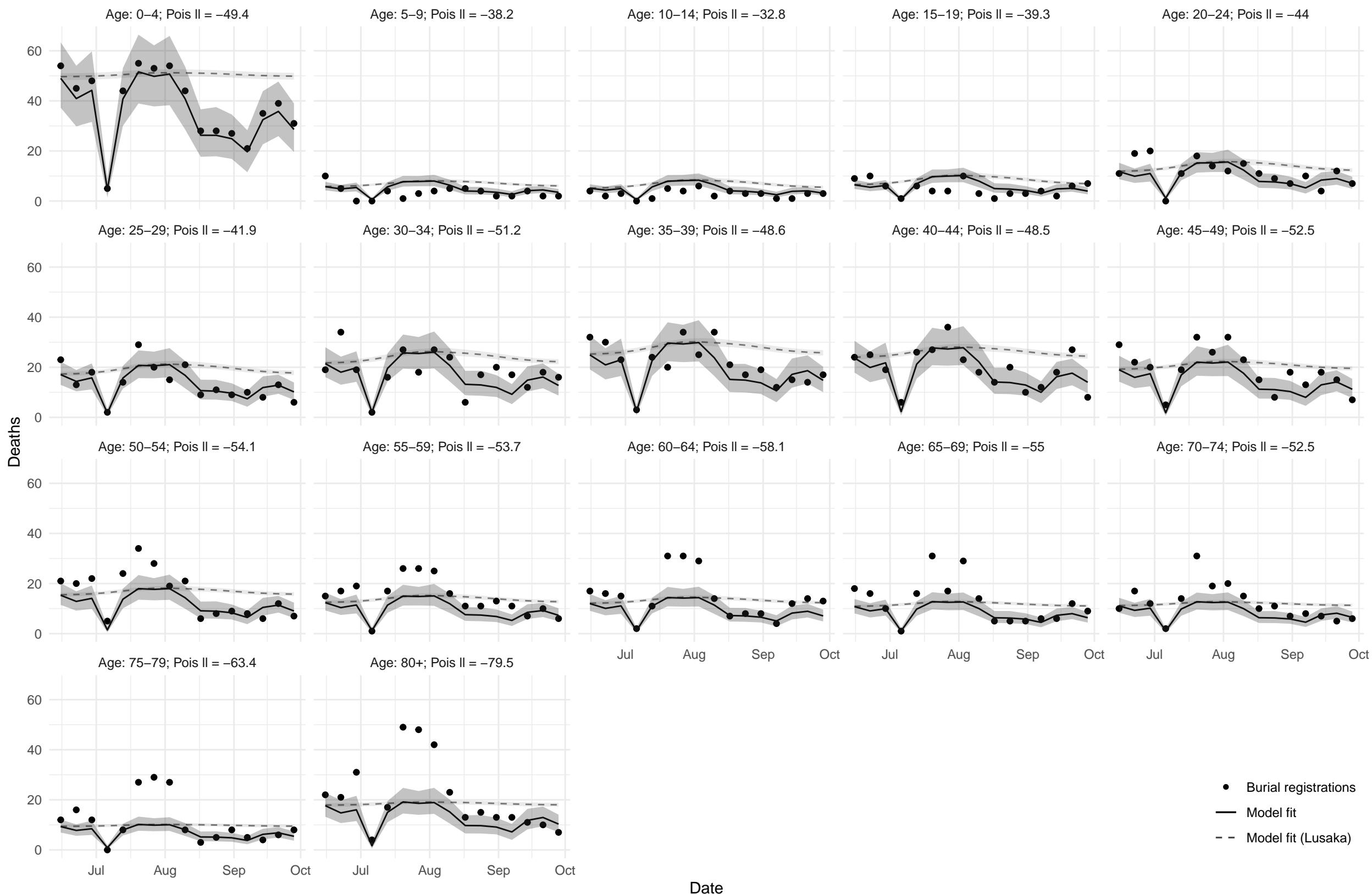
Population prevalence
Lusaka



Modelled PCR %

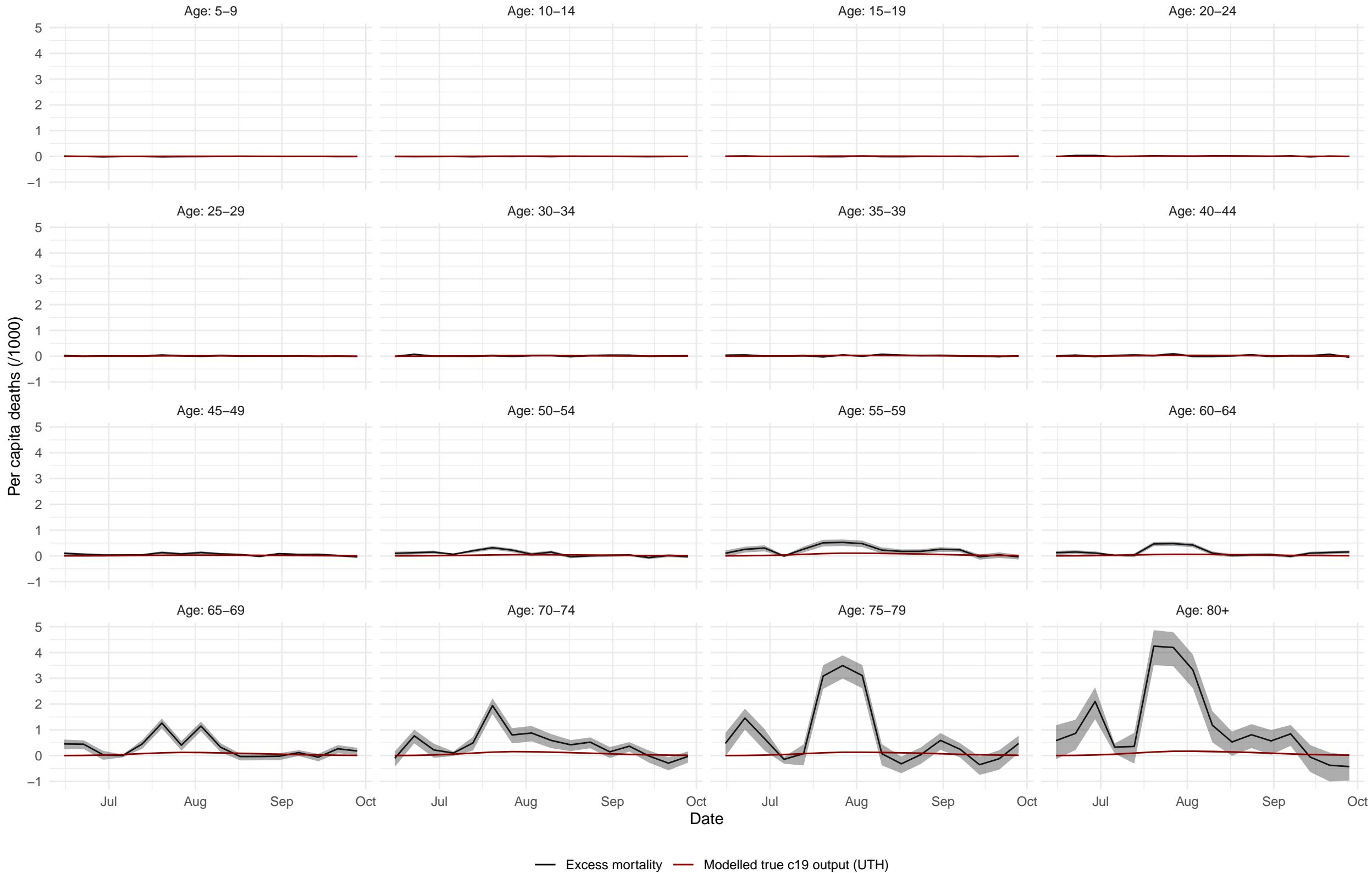


IFR x0.4, Slope x0.4
Lusaka weekly burial registrations



IFR x 0.4, Slope x 0.4

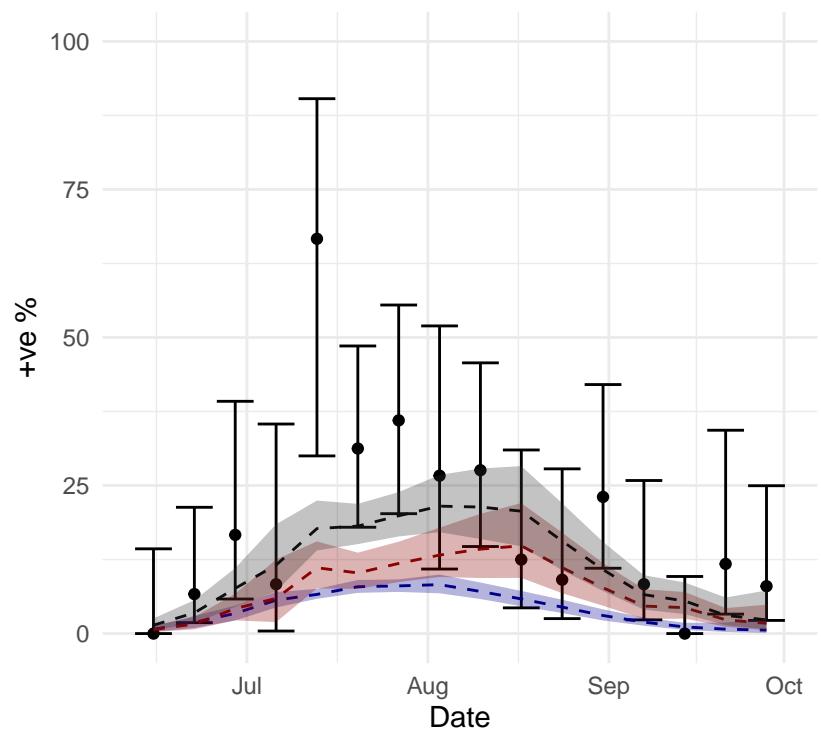
COVID-19 excess mortality: Comparison of MCMC results with squire results



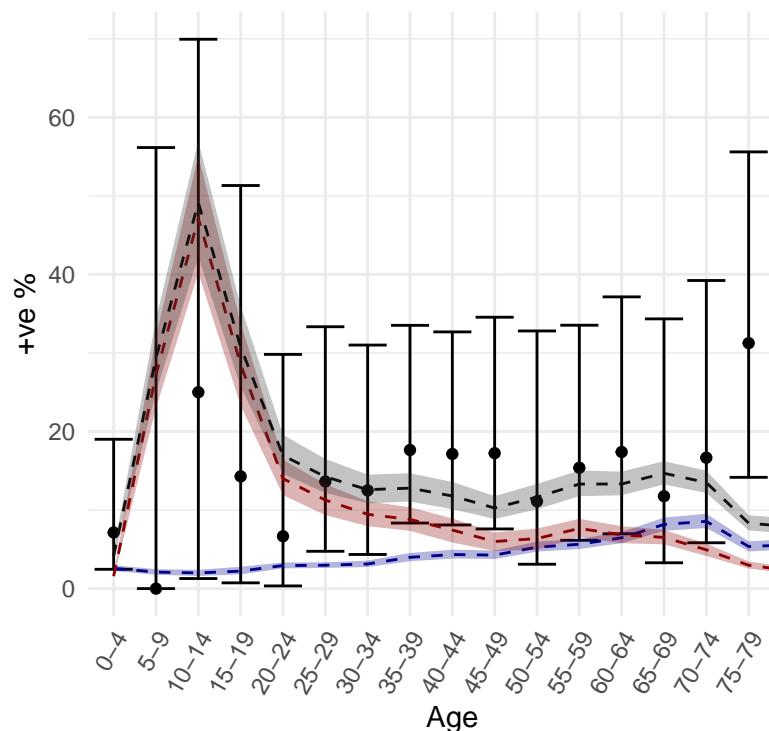
IFR x 0.6, Slope x 0.4

Post-mortem weekly PCR prev.

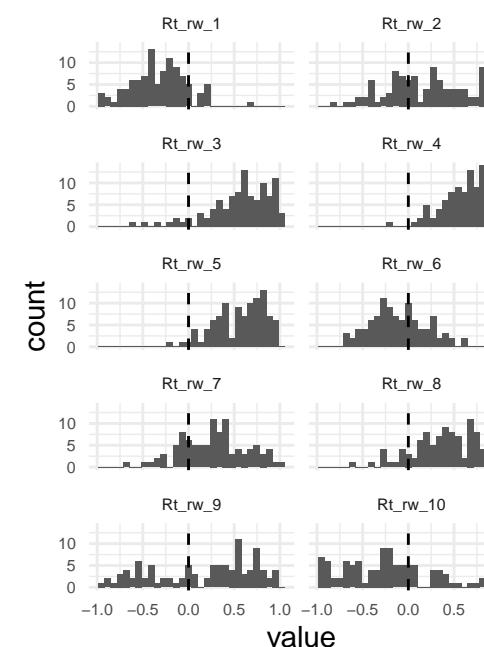
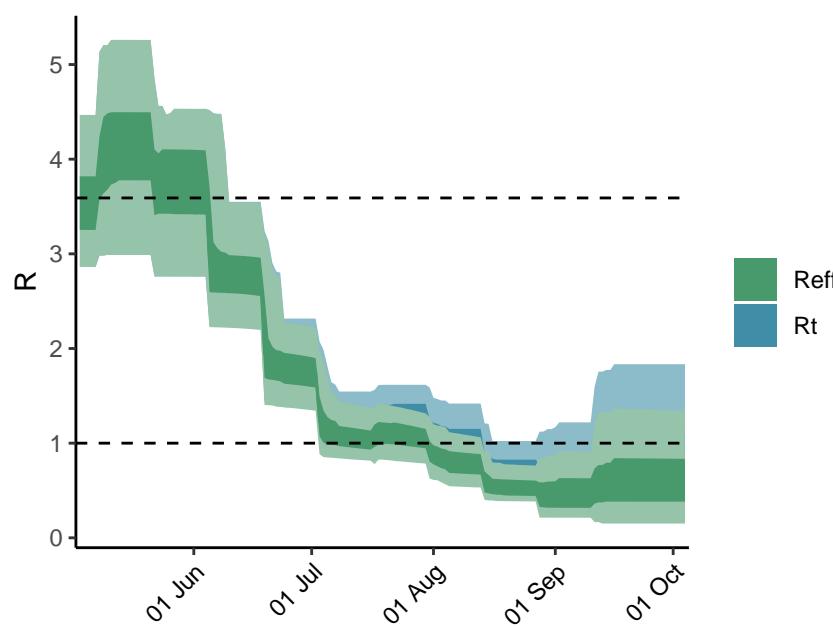
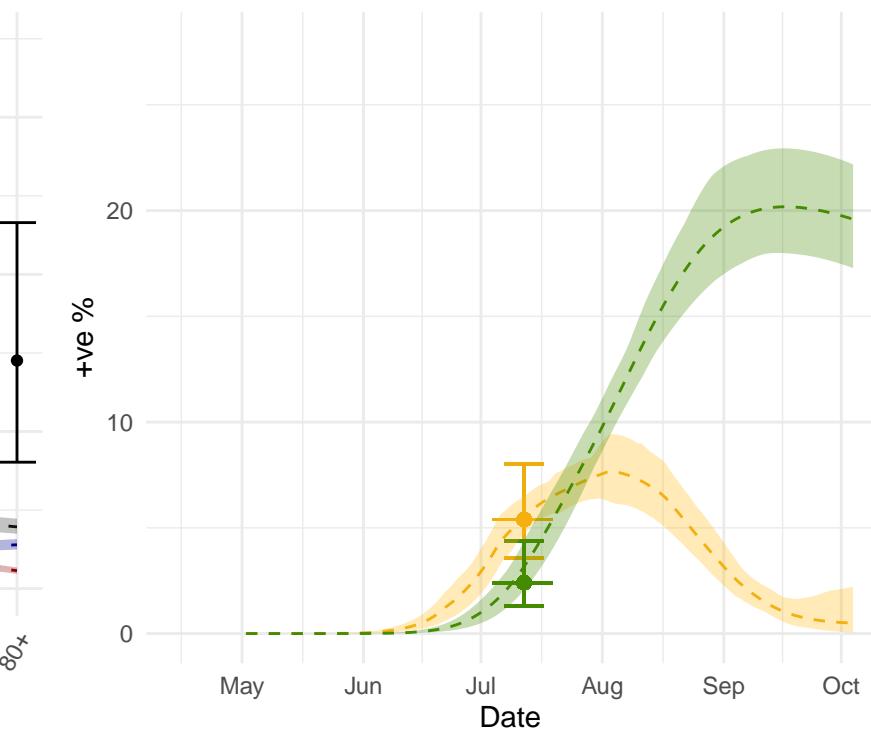
UTH mortuary



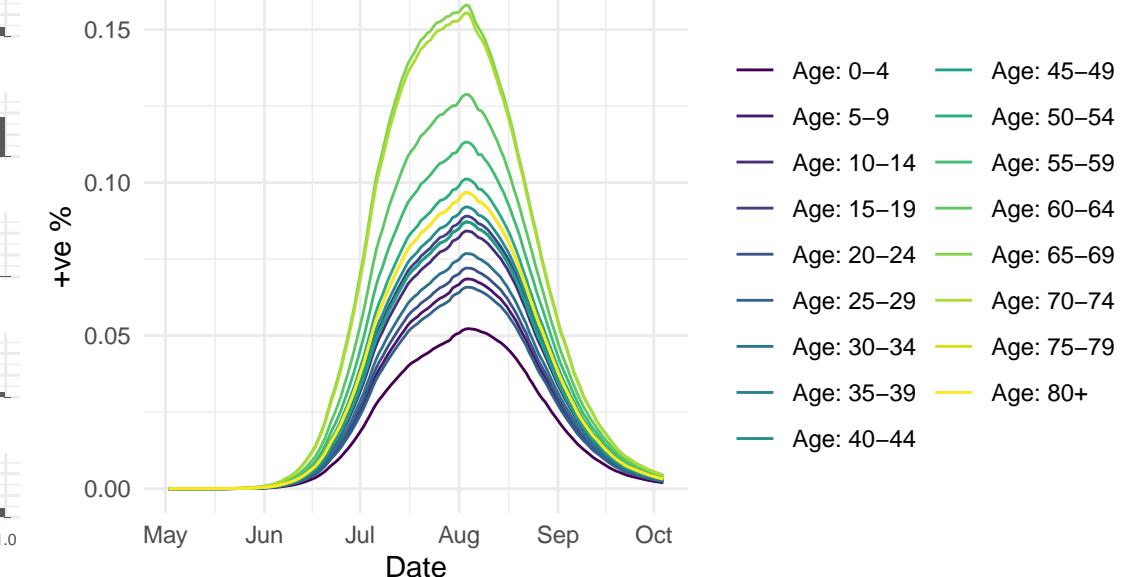
Post-mortem PCR prev. by age
UTH mortuary



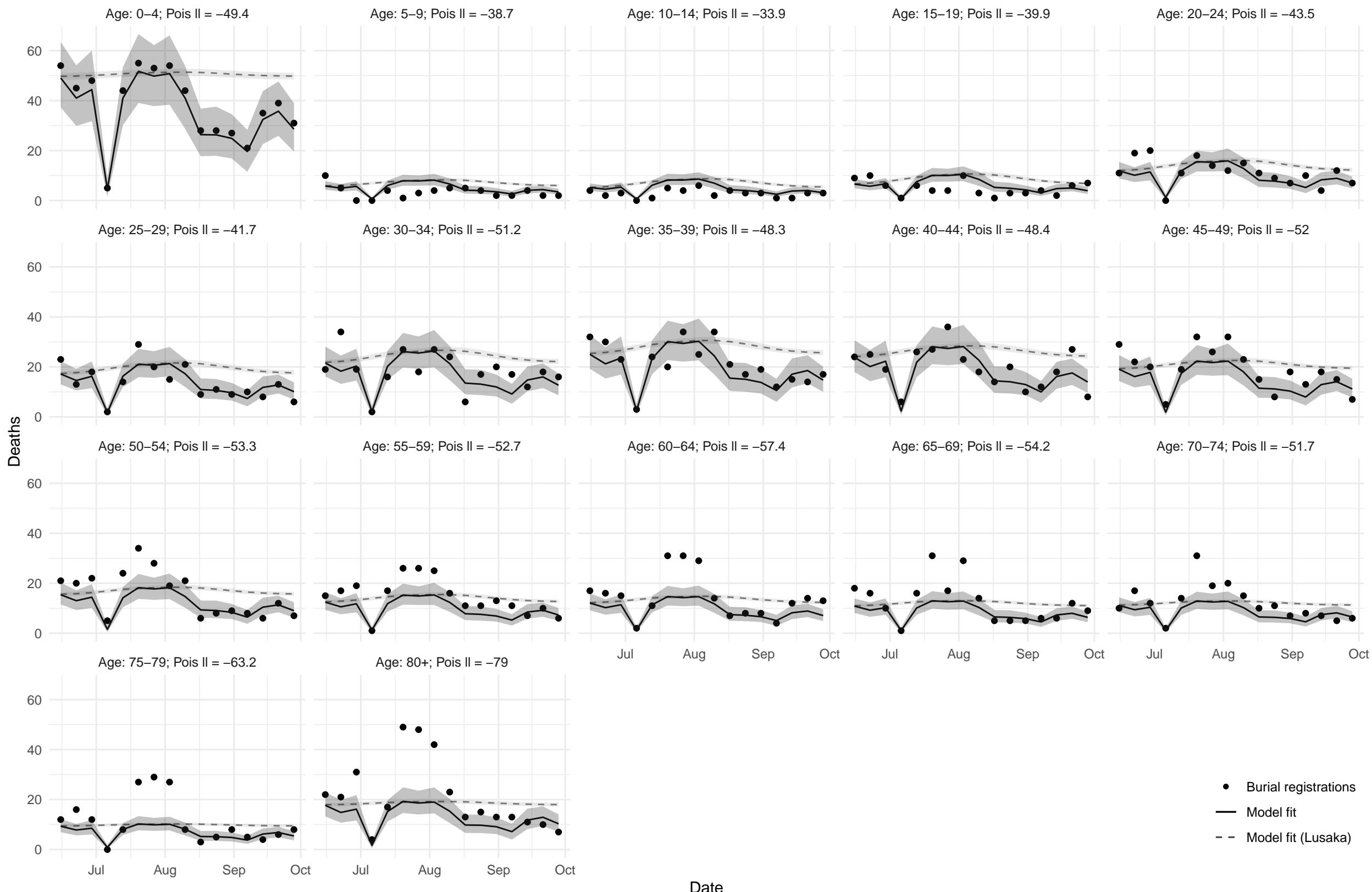
Population prevalence
Lusaka



Modelled PCR %



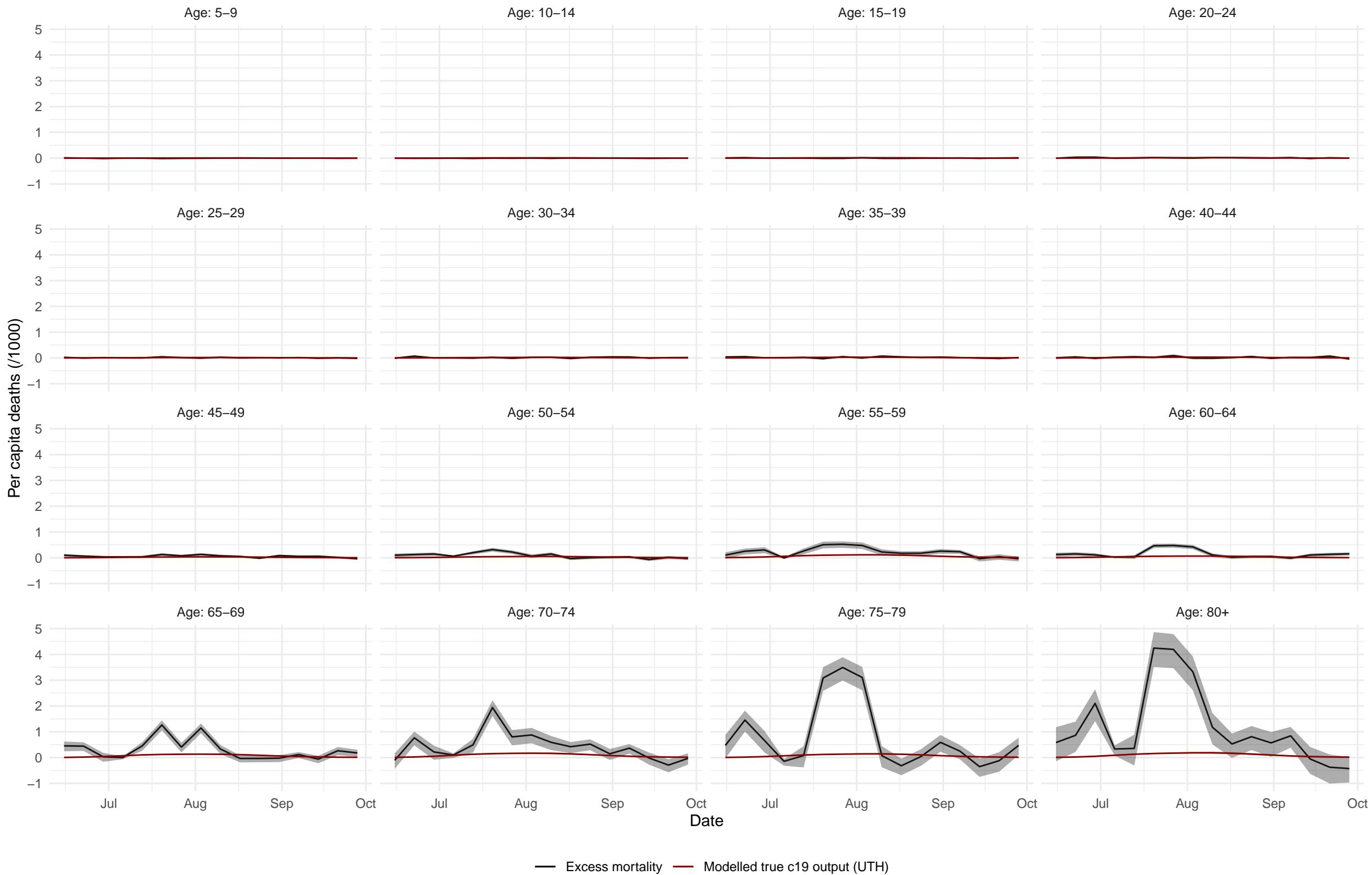
IFR x0.6, Slope x0.4
Lusaka weekly burial registrations



- Burial registrations
- Model fit
- Model fit (Lusaka)

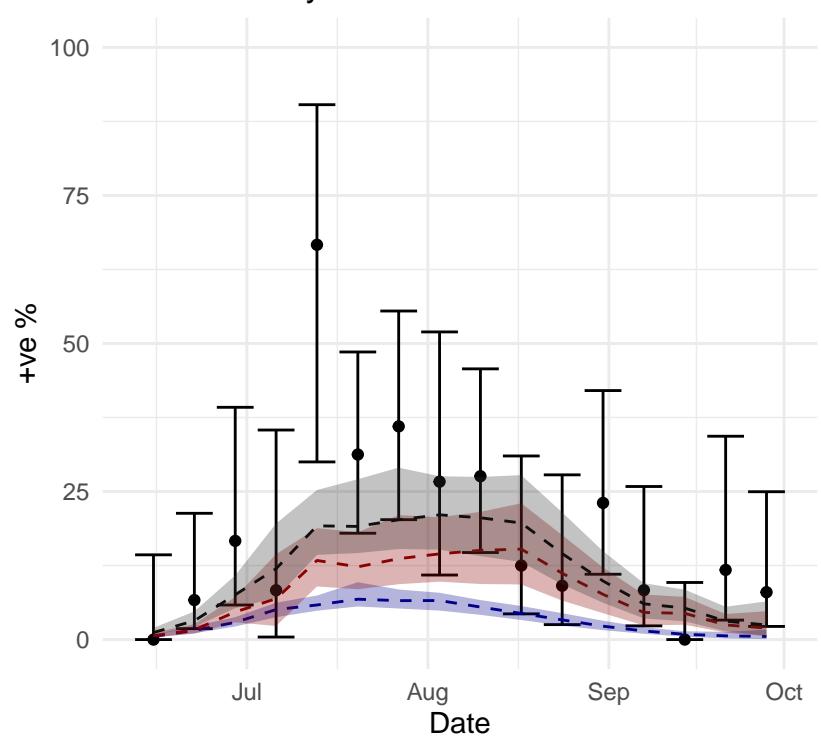
IFR x 0.6, Slope x 0.4

COVID-19 excess mortality: Comparison of MCMC results with squire results

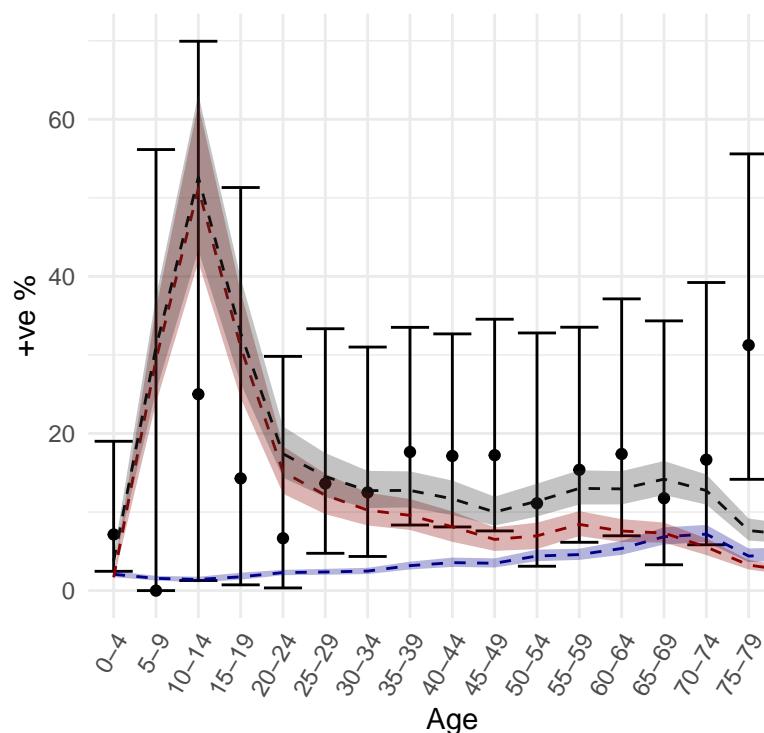


IFR x 0.8, Slope x 0.4

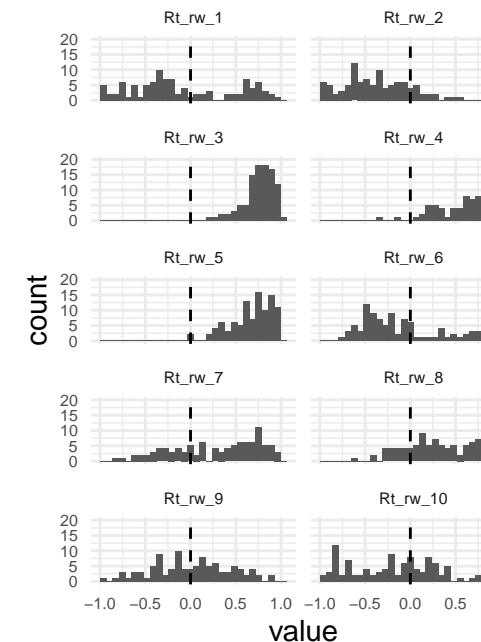
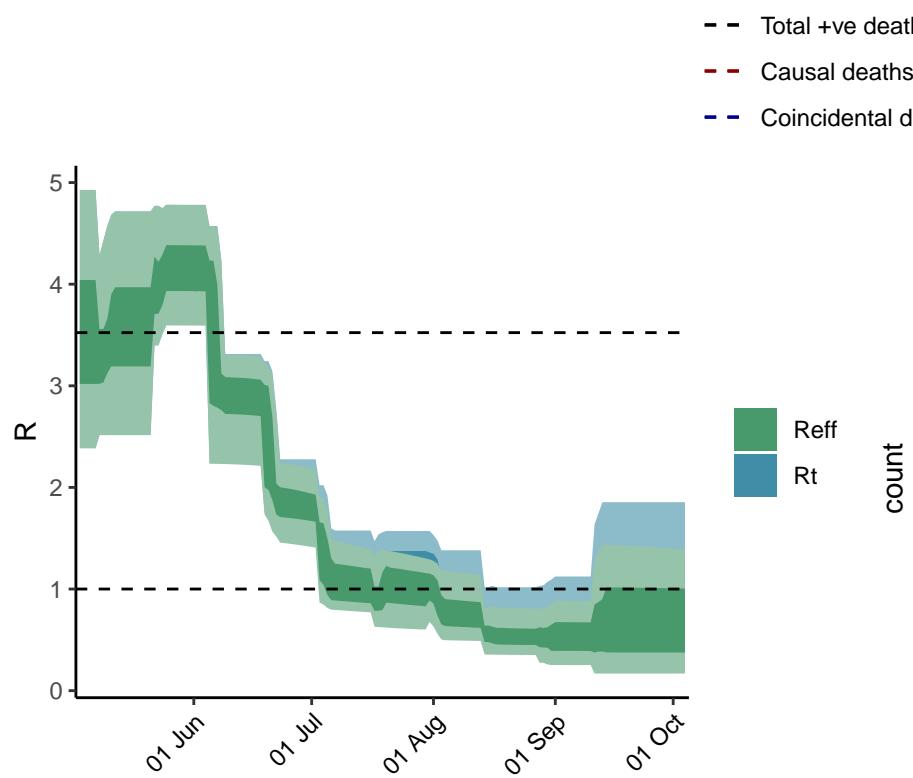
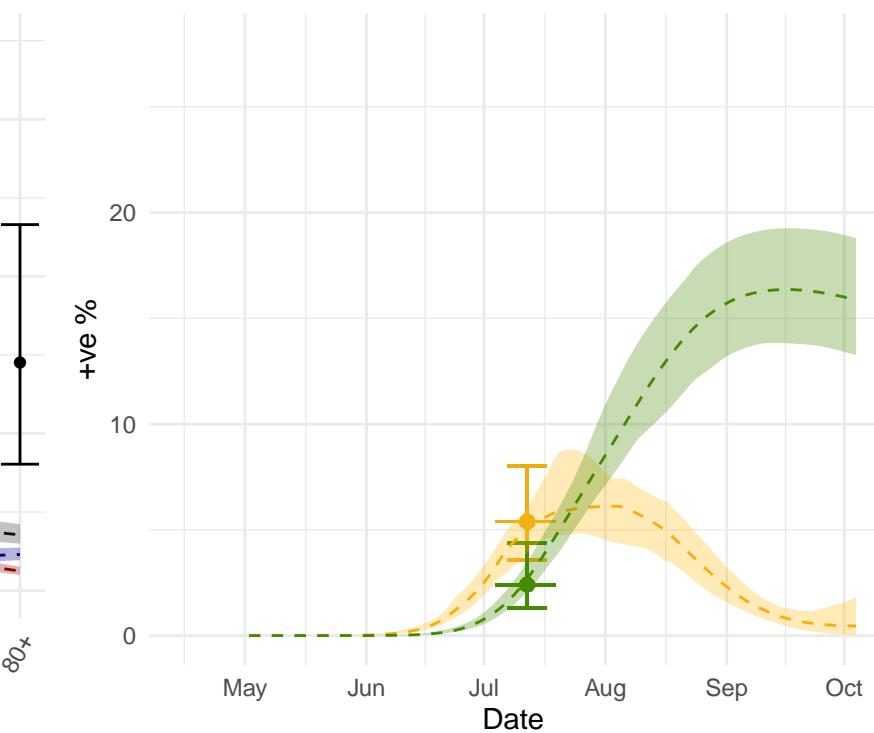
Post-mortem weekly PCR prev.
UTH mortuary



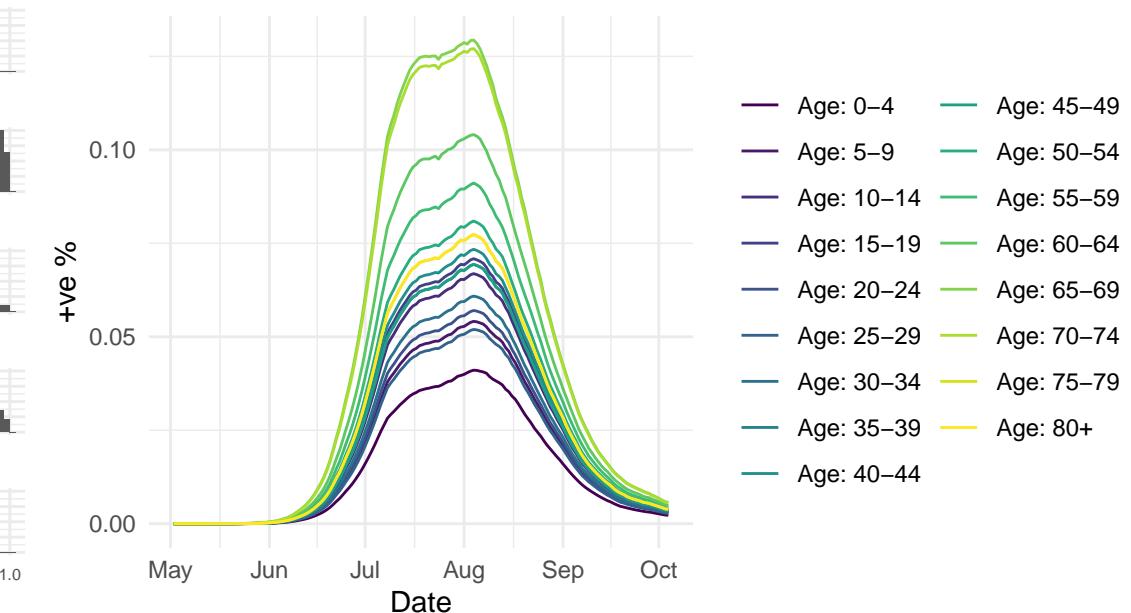
Post-mortem PCR prev. by age
UTH mortuary



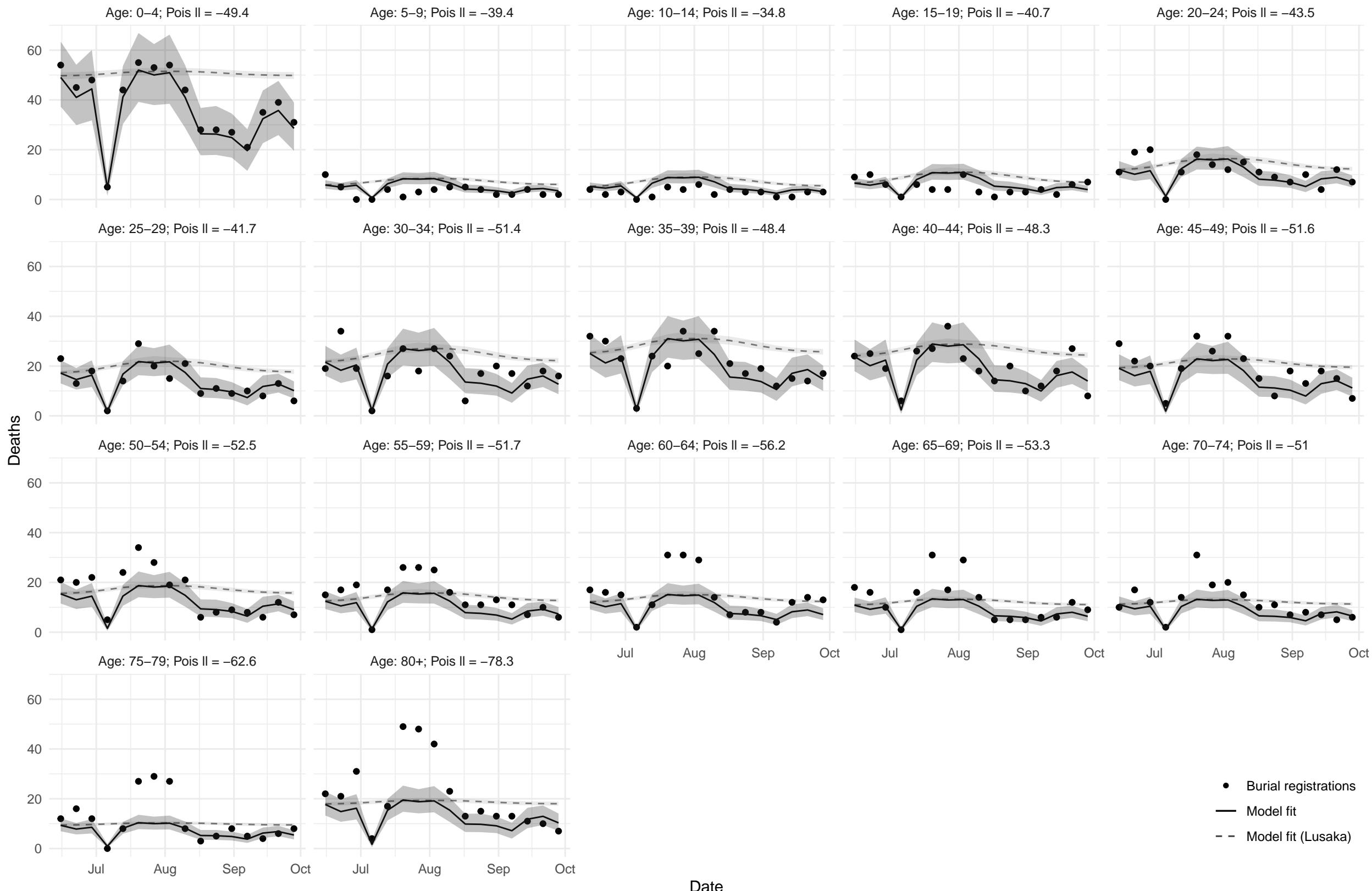
Population prevalence
Lusaka



Modelled PCR %



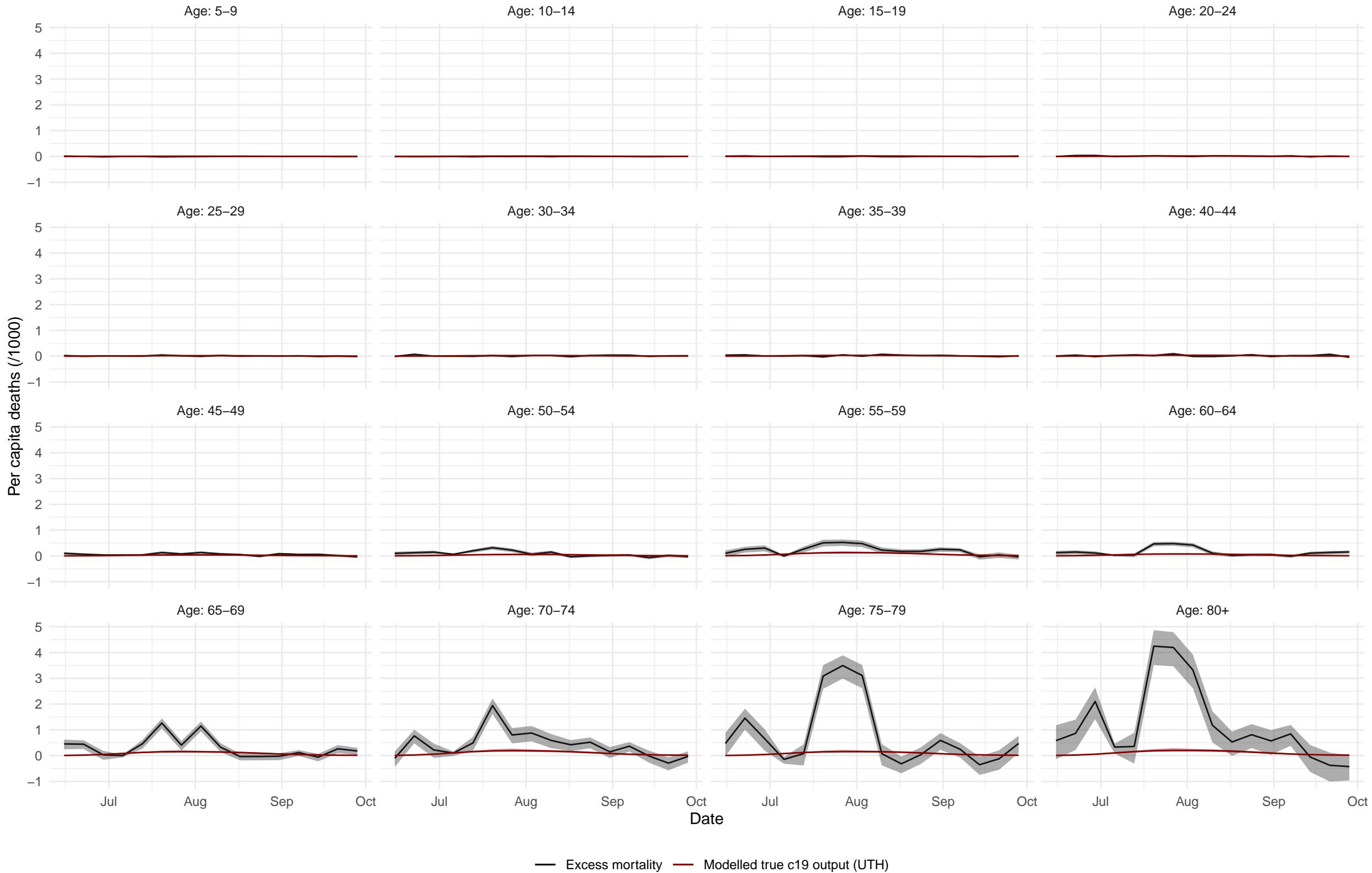
IFR x0.8, Slope x0.4
Lusaka weekly burial registrations



- Burial registrations
- Model fit
- Model fit (Lusaka)

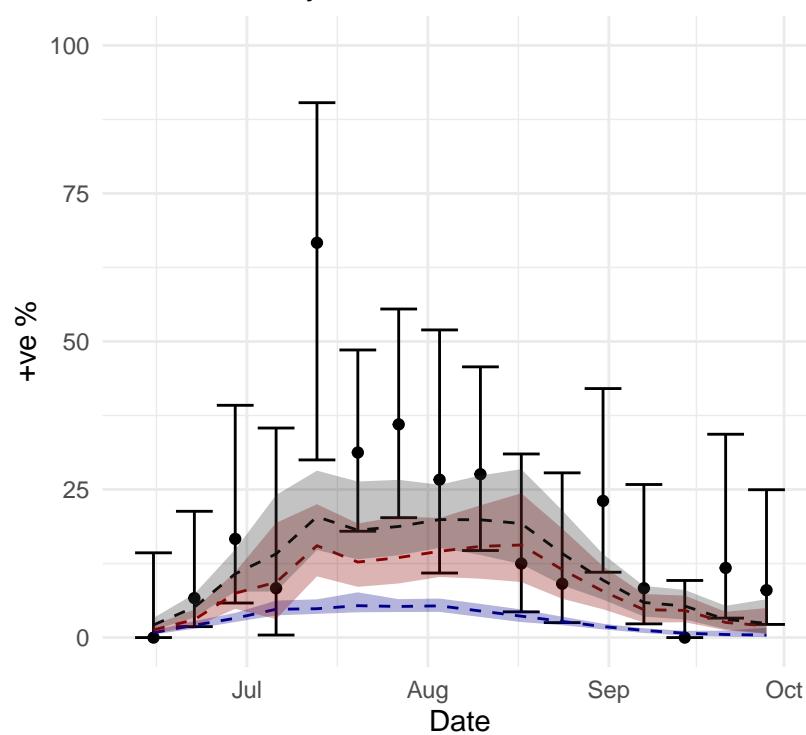
IFR x 0.8, Slope x 0.4

COVID-19 excess mortality: Comparison of MCMC results with squire results

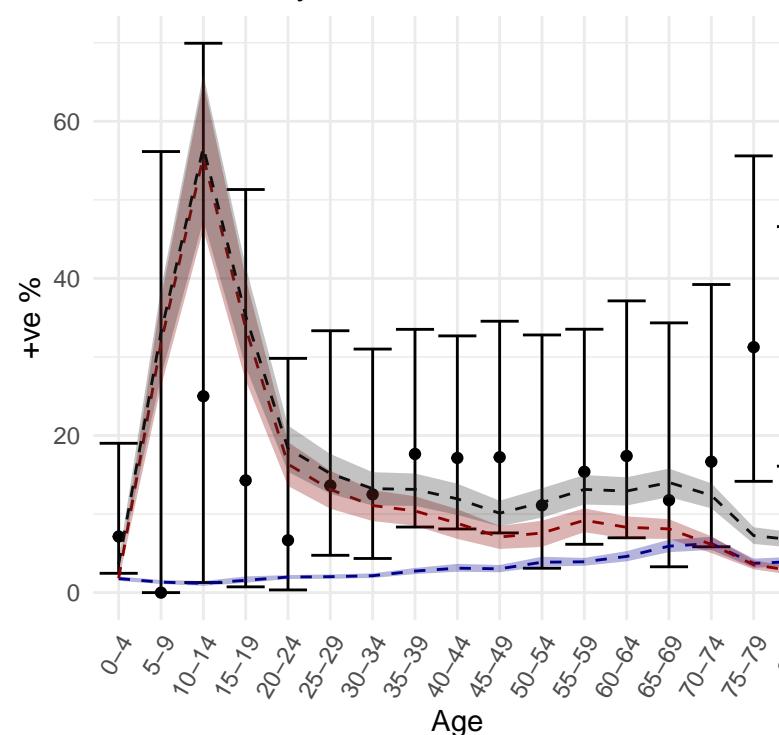


IFR x 1, Slope x 0.4

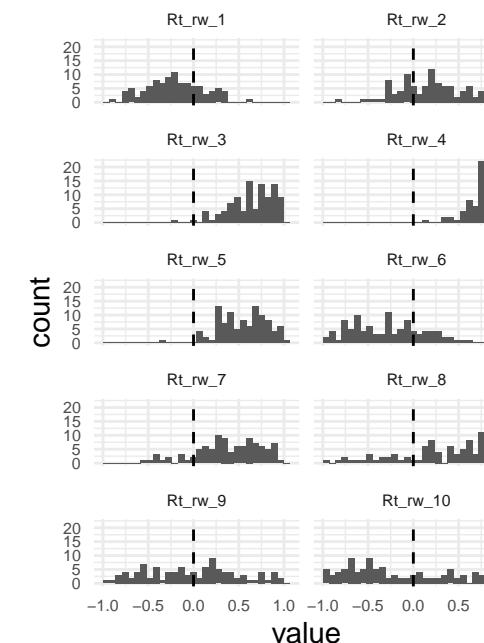
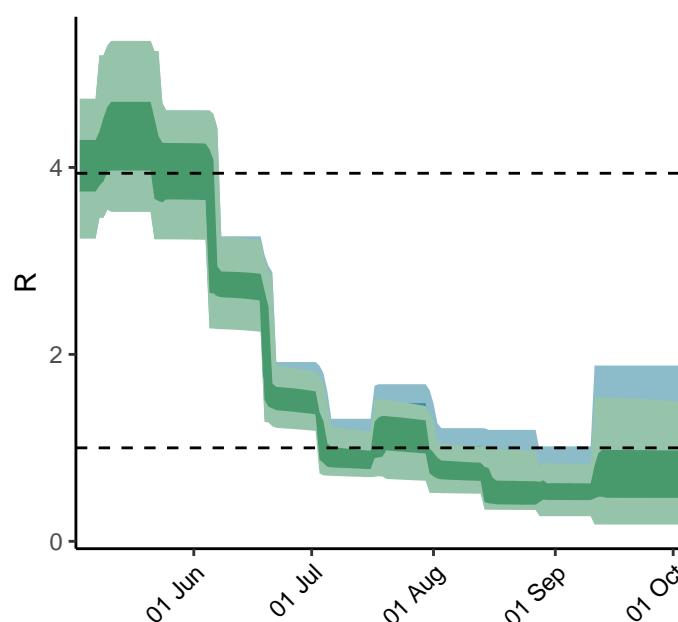
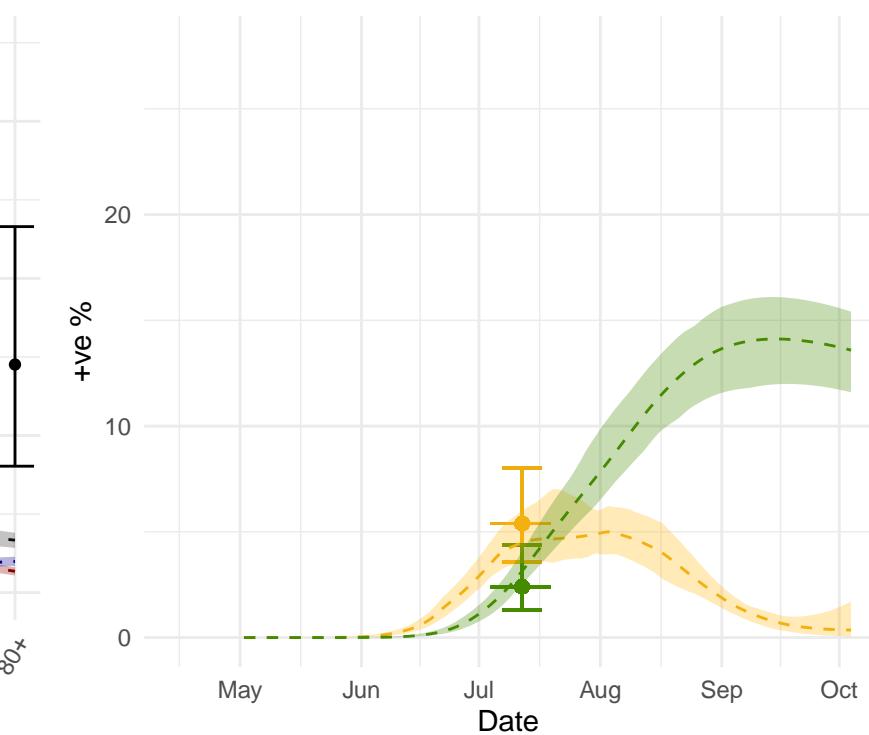
Post-mortem weekly PCR prev.
UTH mortuary



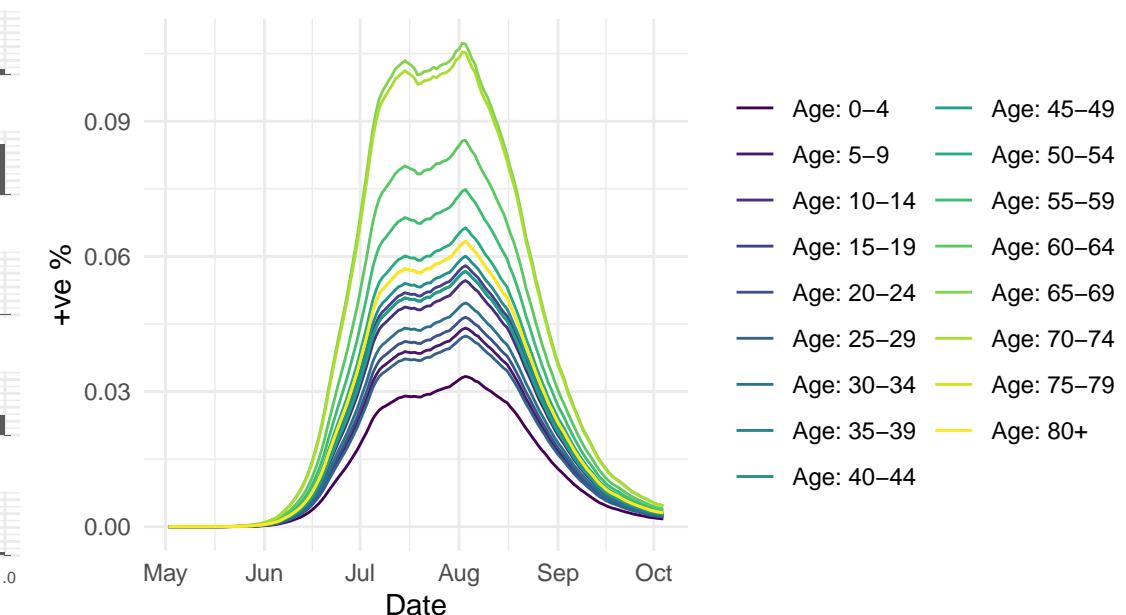
Post-mortem PCR prev. by age
UTH mortuary



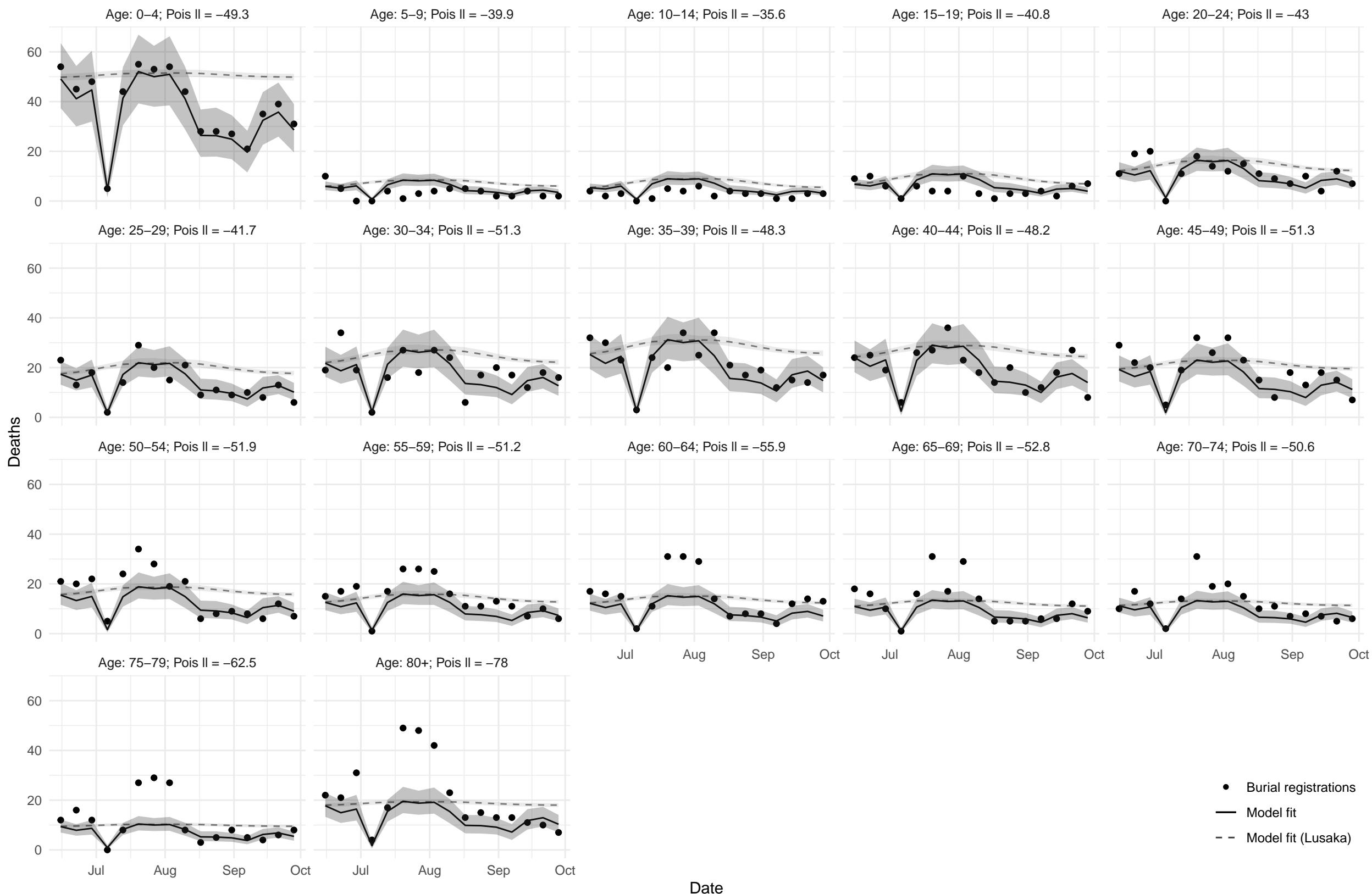
Population prevalence
Lusaka



Modelled PCR %



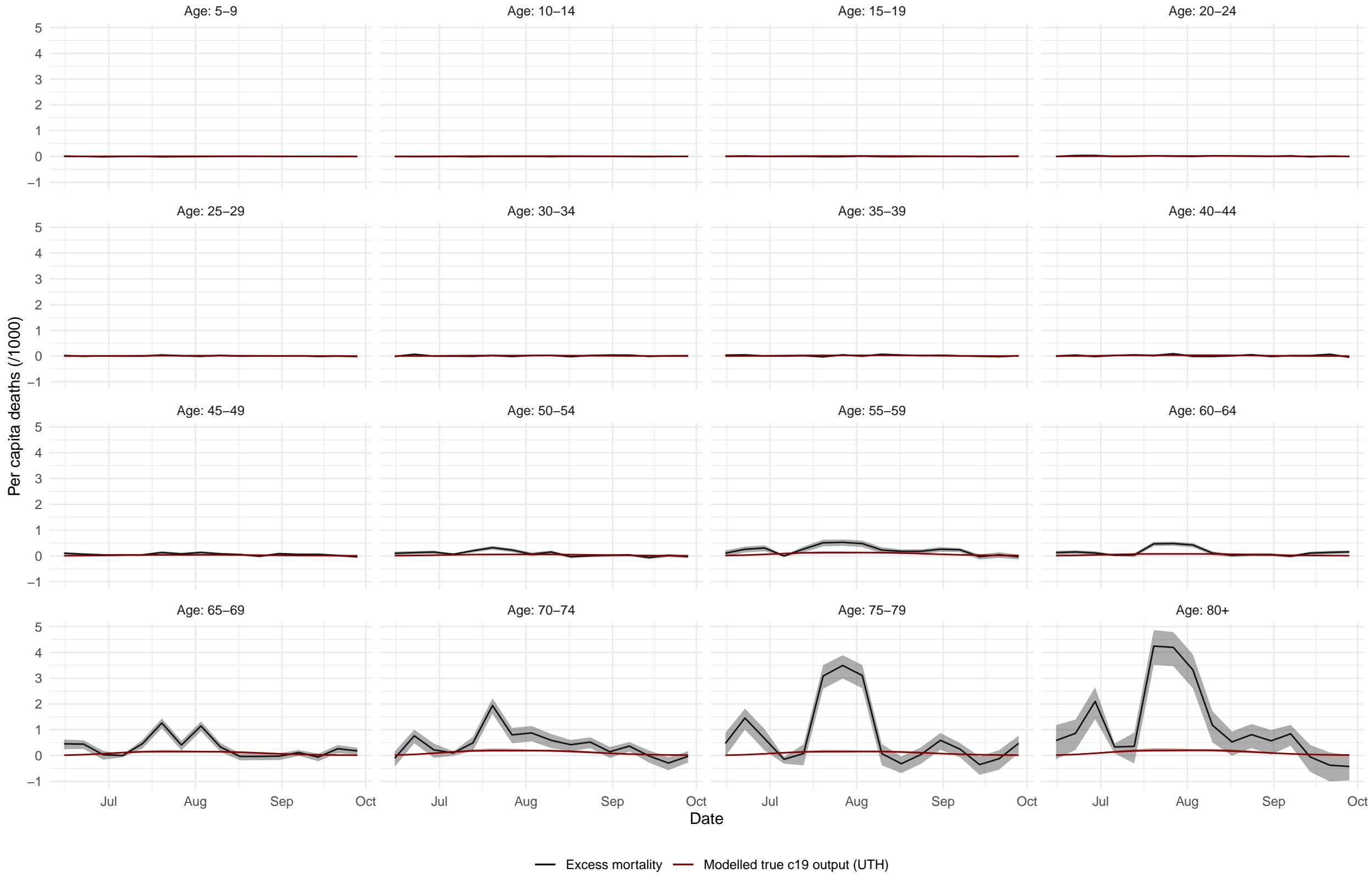
IFR x1, Slope x0.4
Lusaka weekly burial registrations



- Burial registrations
- Model fit
- Model fit (Lusaka)

IFR x 1, Slope x 0.4

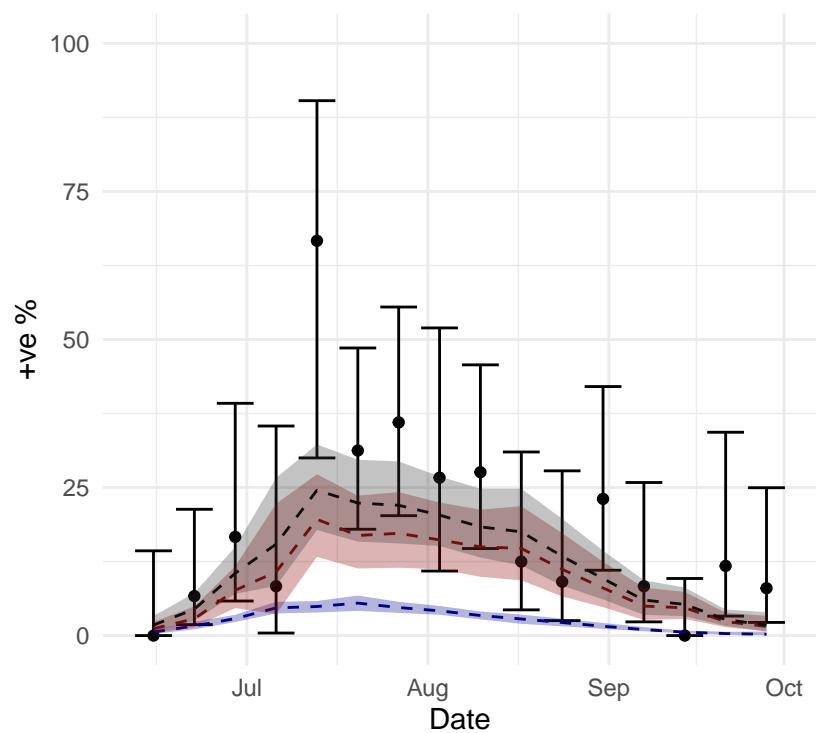
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 1.25, Slope x 0.4

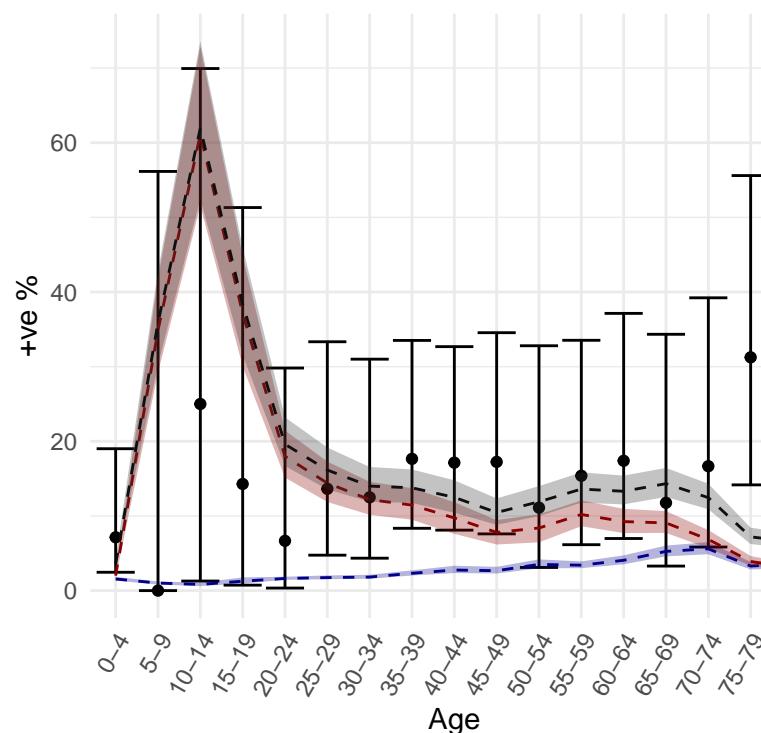
Post-mortem weekly PCR prev.

UTH mortuary



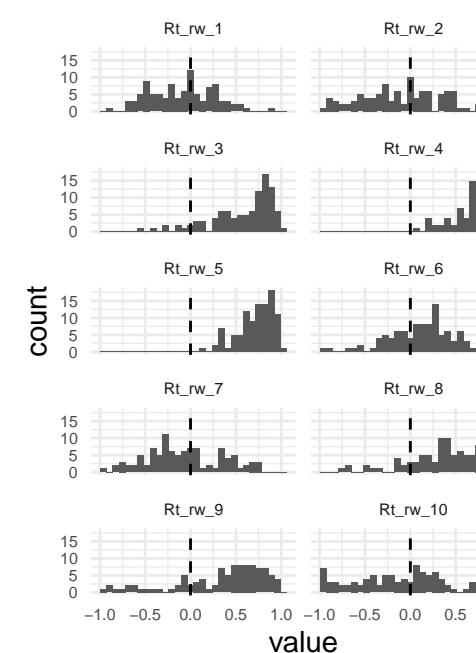
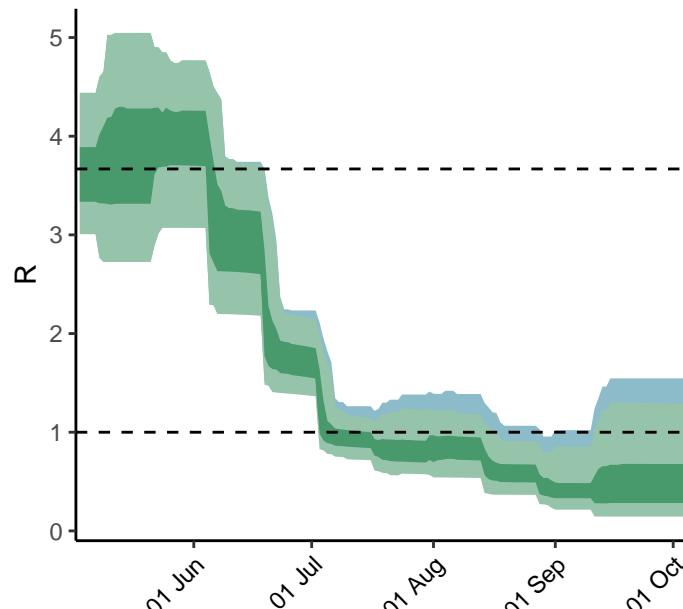
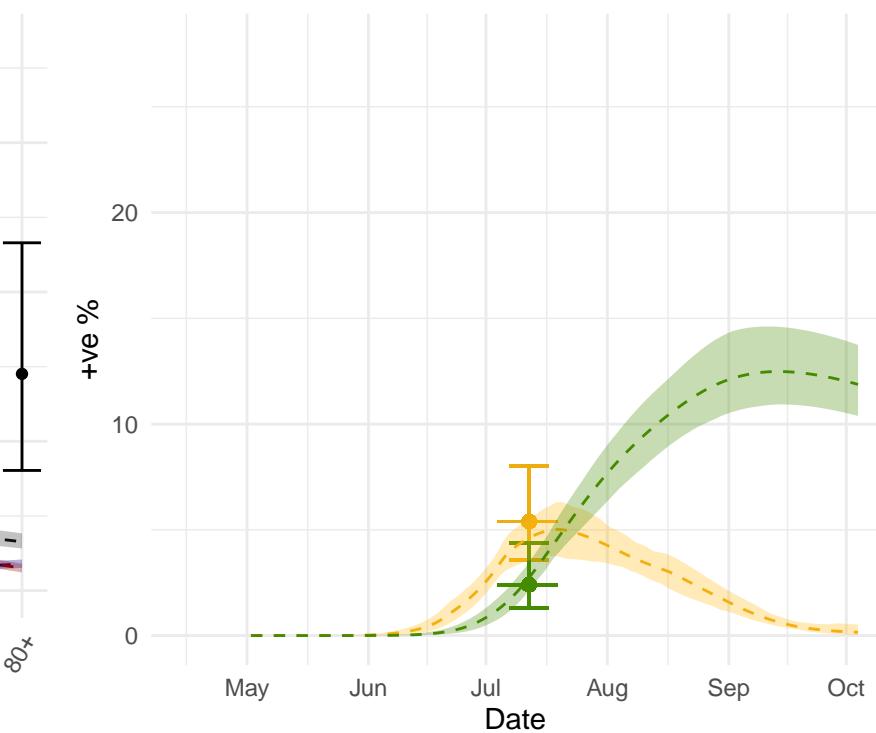
Post-mortem PCR prev. by age

UTH mortuary

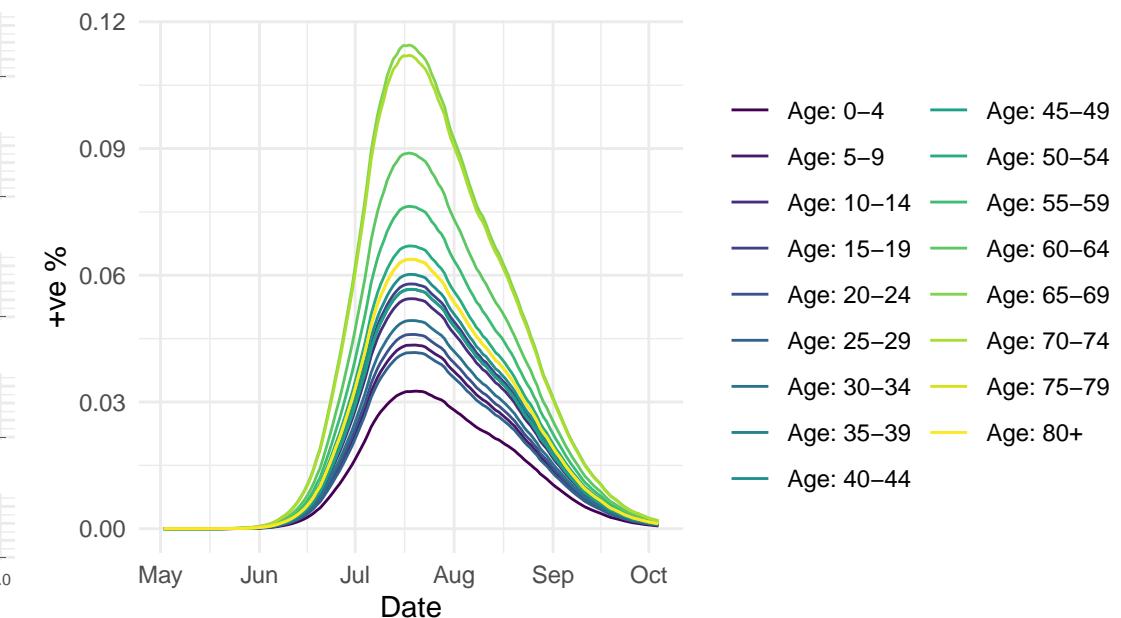


Population prevalence

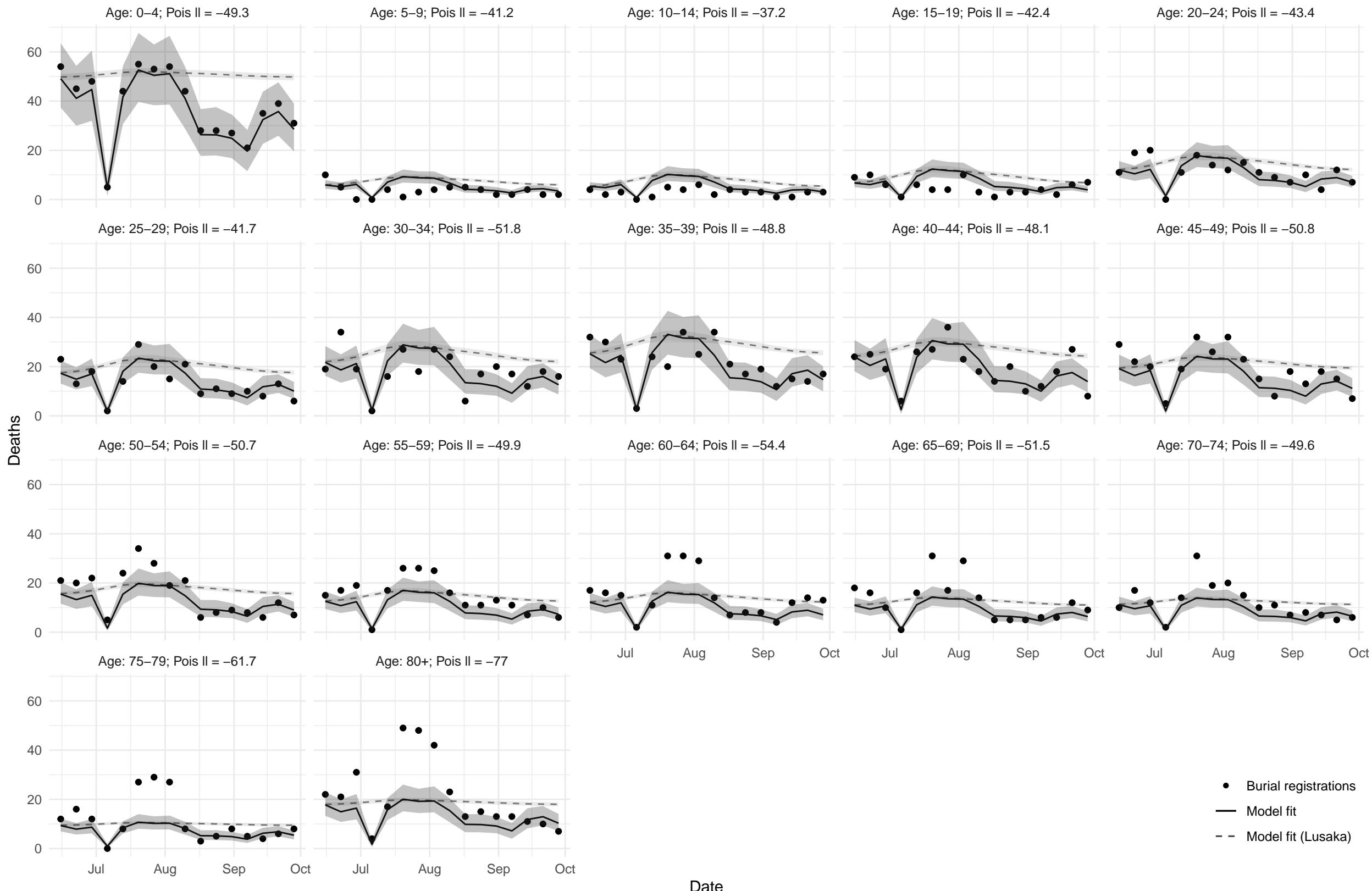
Lusaka



Modelled PCR %

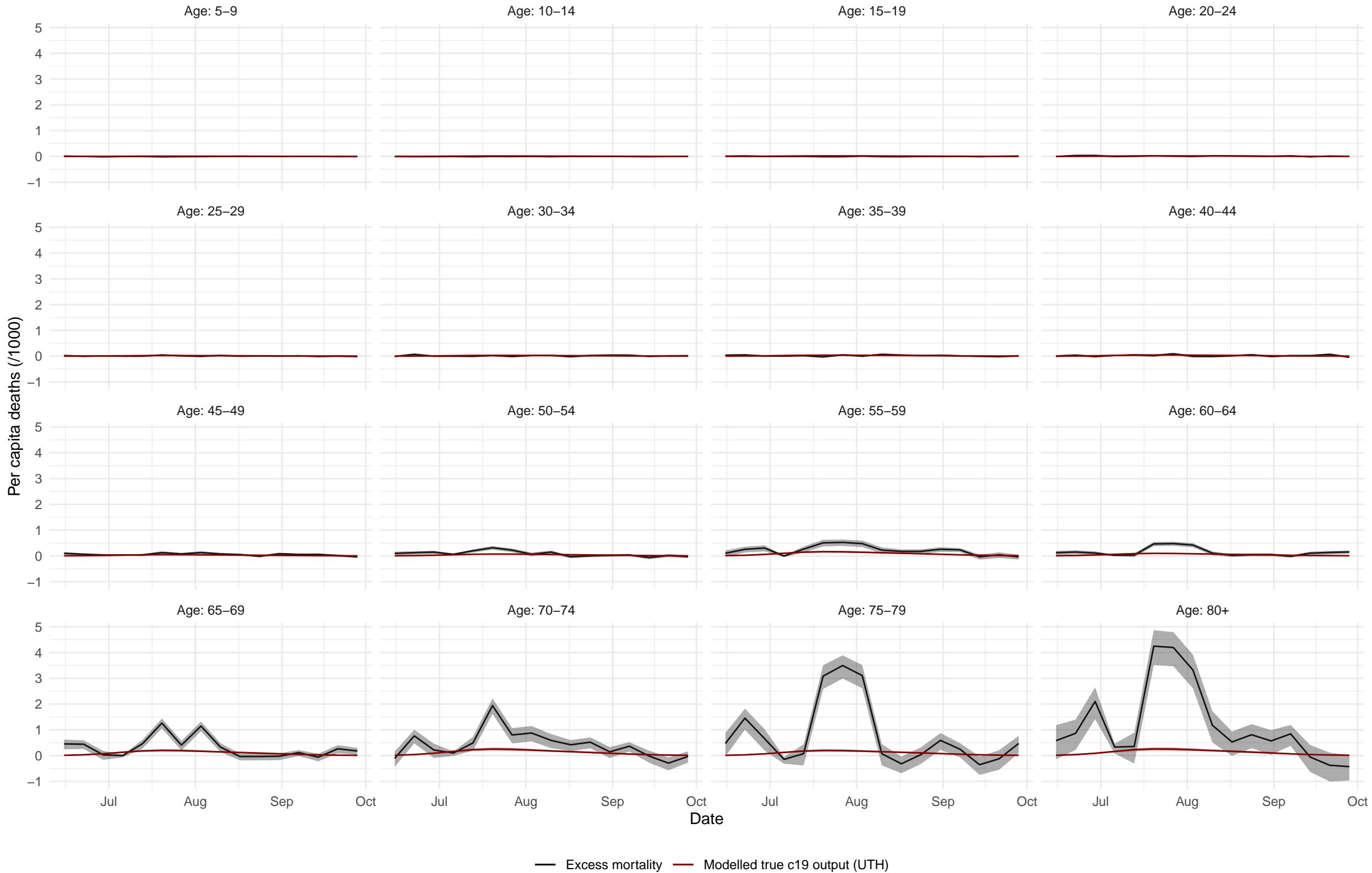


IFR x1.25, Slope x0.4
Lusaka weekly burial registrations



IFR x 1.25, Slope x 0.4

COVID-19 excess mortality: Comparison of MCMC results with squire results

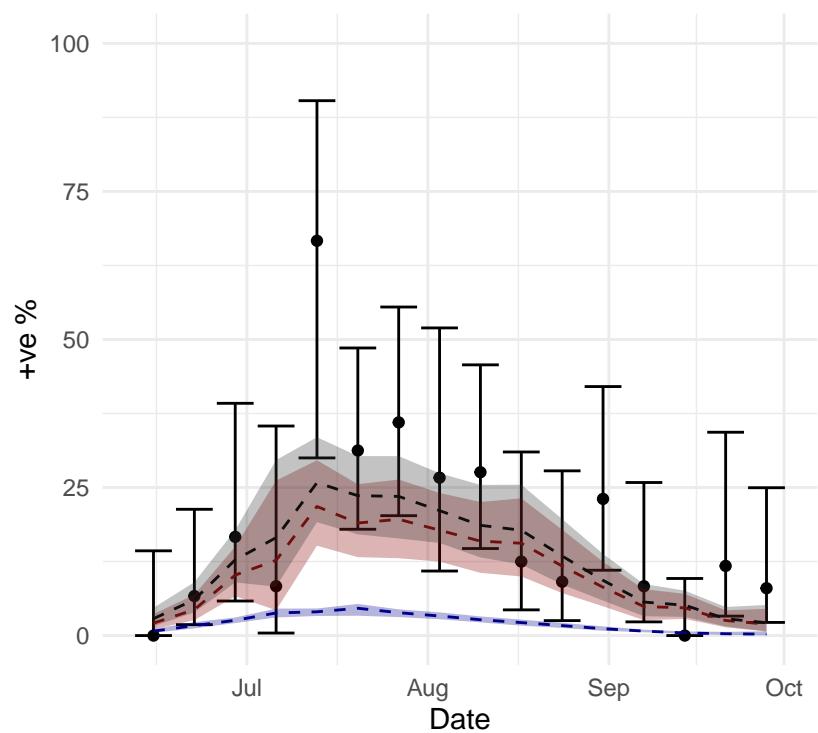


— Excess mortality — Modelled true c19 output (UTH)

IFR x 1.67, Slope x 0.4

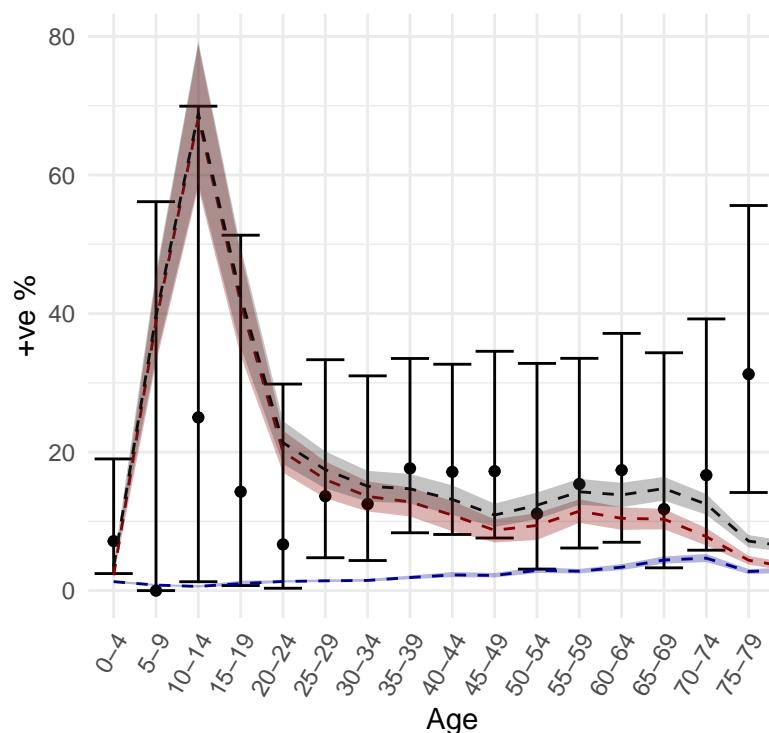
Post-mortem weekly PCR prev.

UTH mortuary



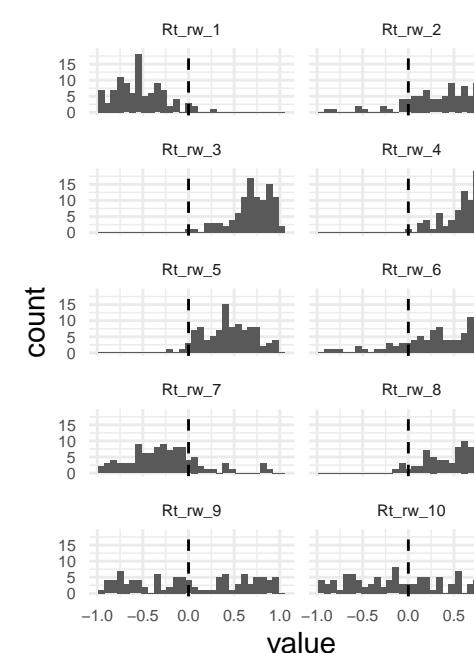
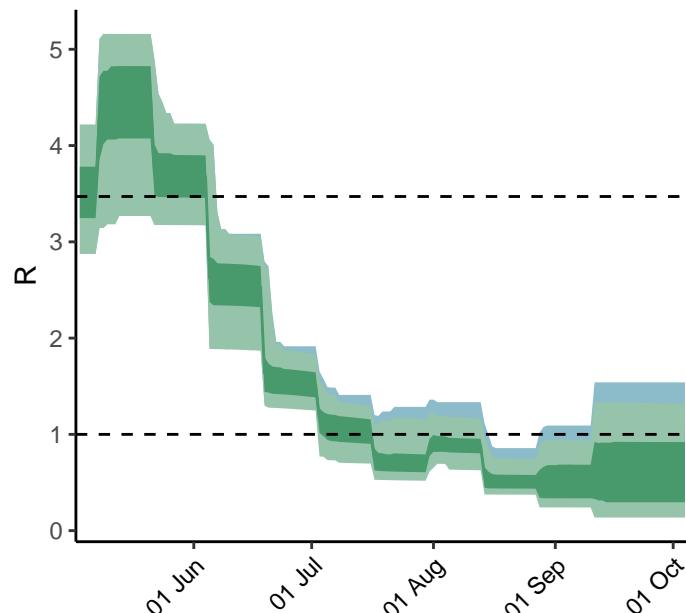
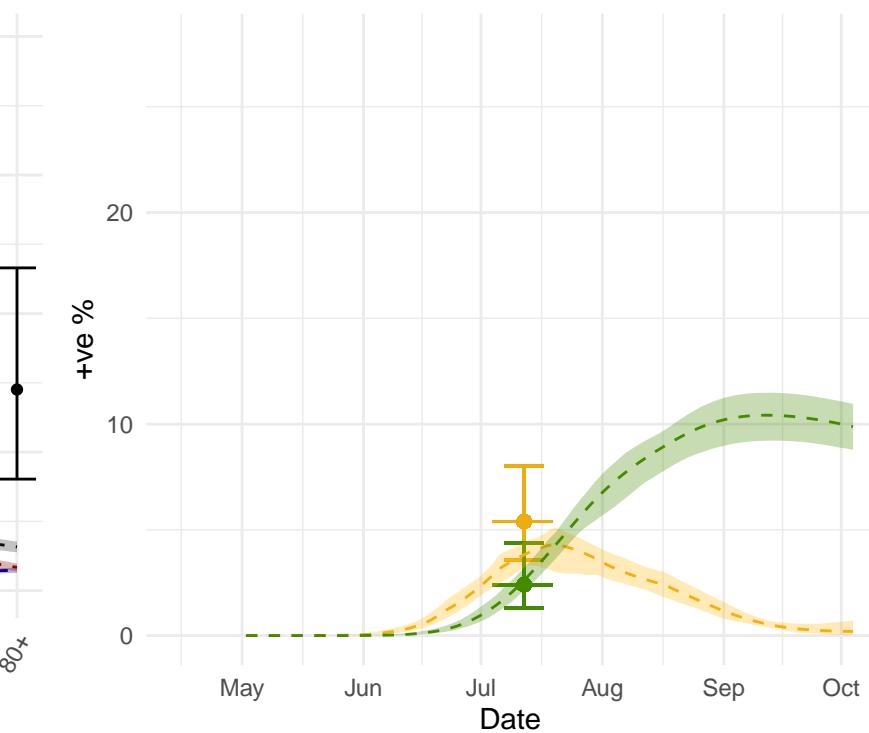
Post-mortem PCR prev. by age

UTH mortuary

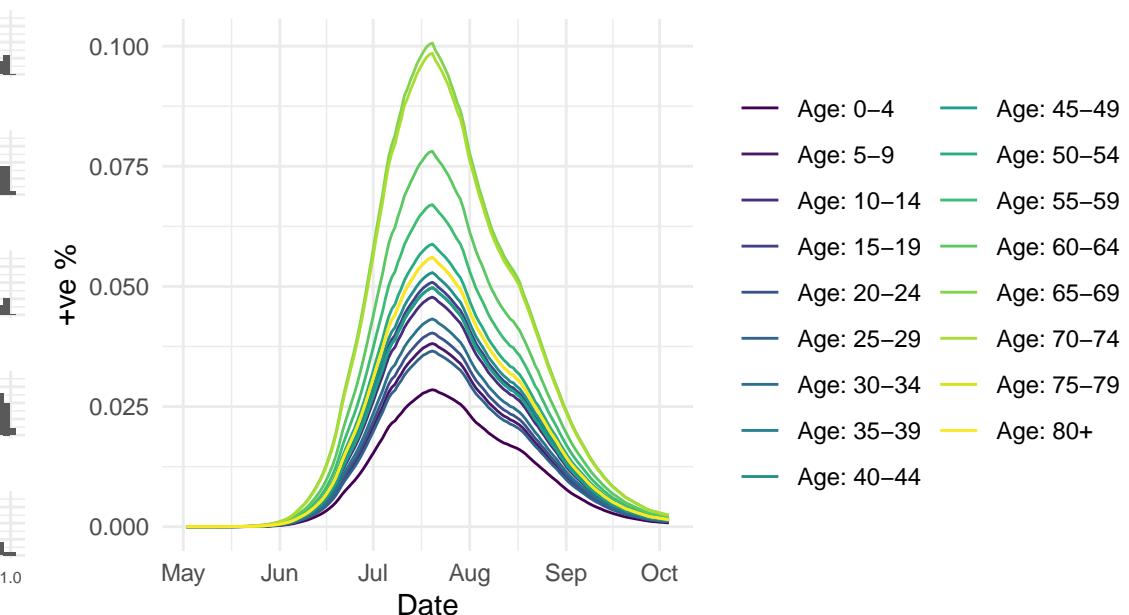


Population prevalence

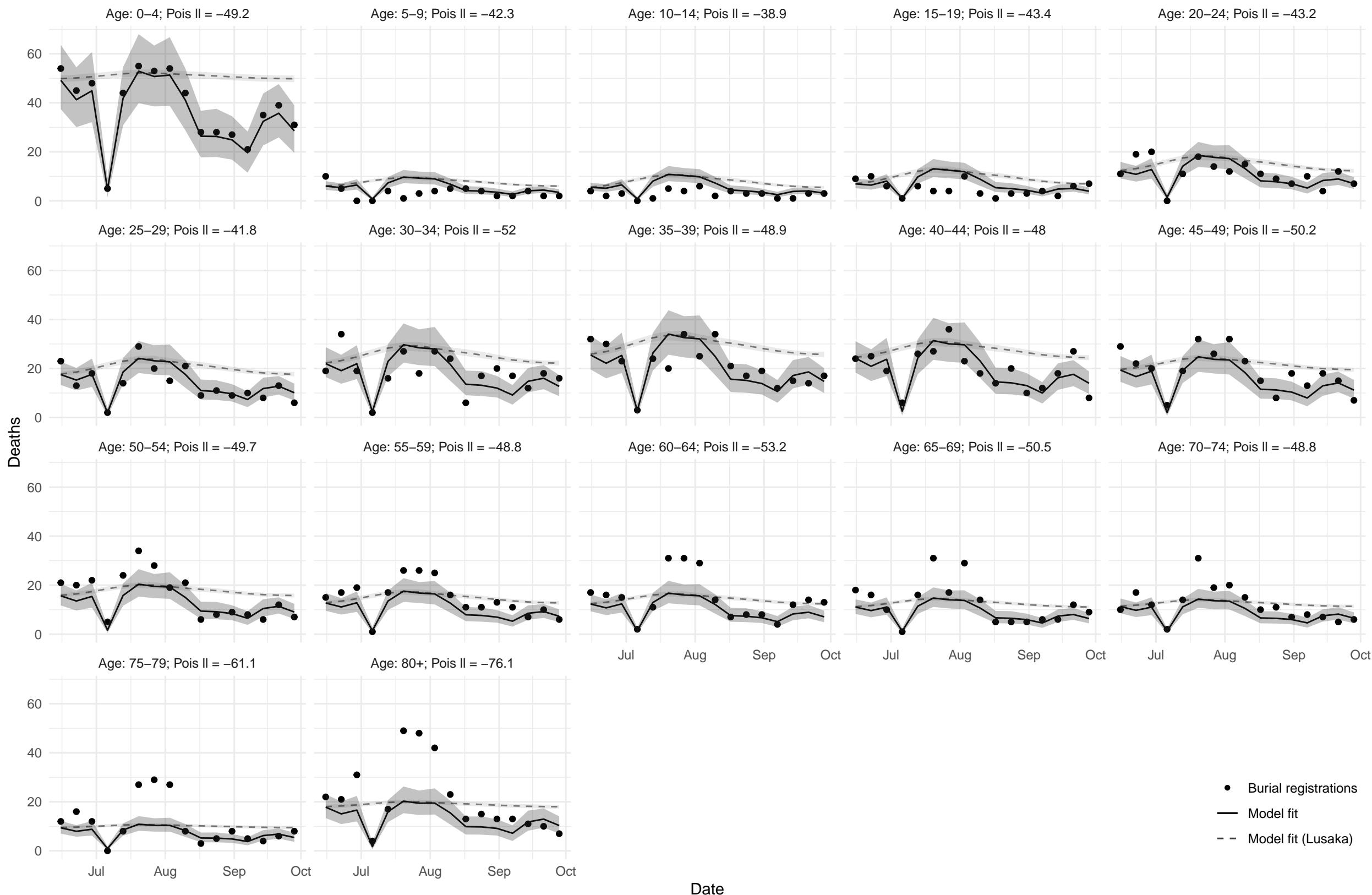
Lusaka



Modelled PCR %

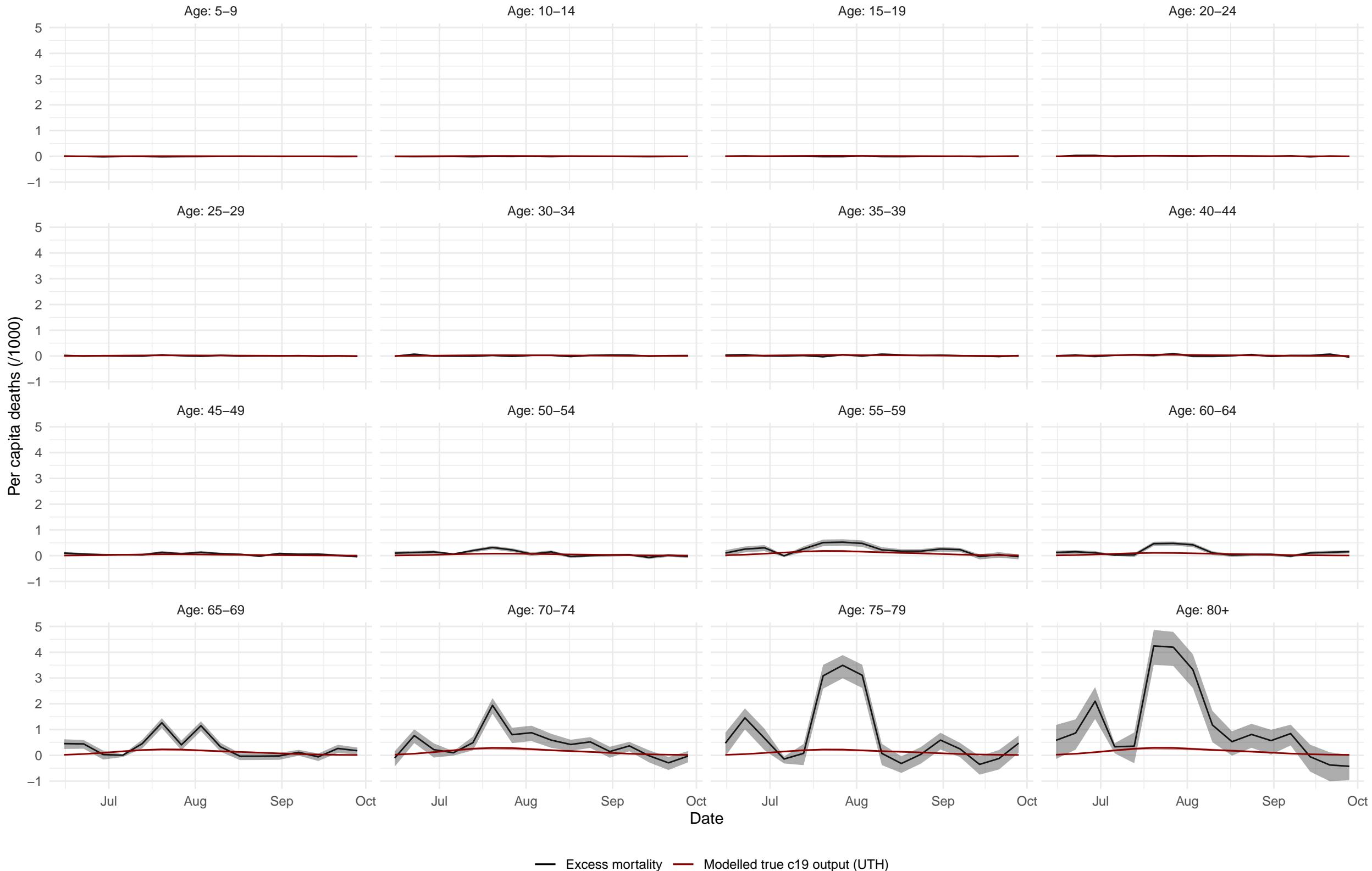


IFR x1.67, Slope x0.4
Lusaka weekly burial registrations



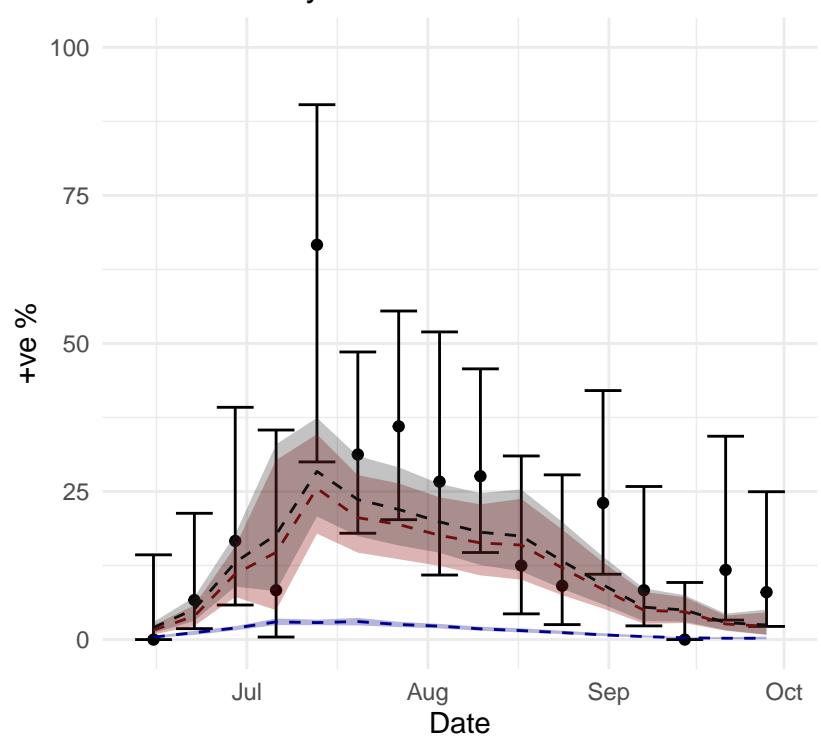
IFR x 1.67, Slope x 0.4

COVID-19 excess mortality: Comparison of MCMC results with squire results

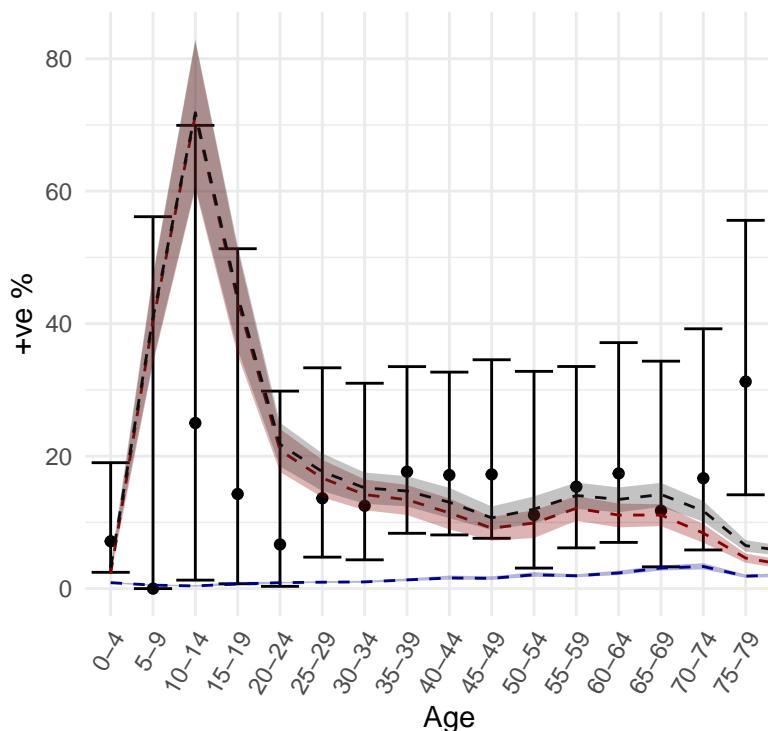


IFR x 2.5, Slope x 0.4

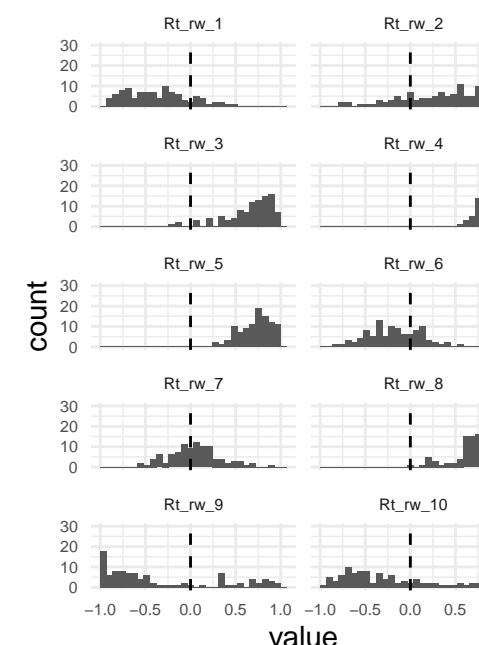
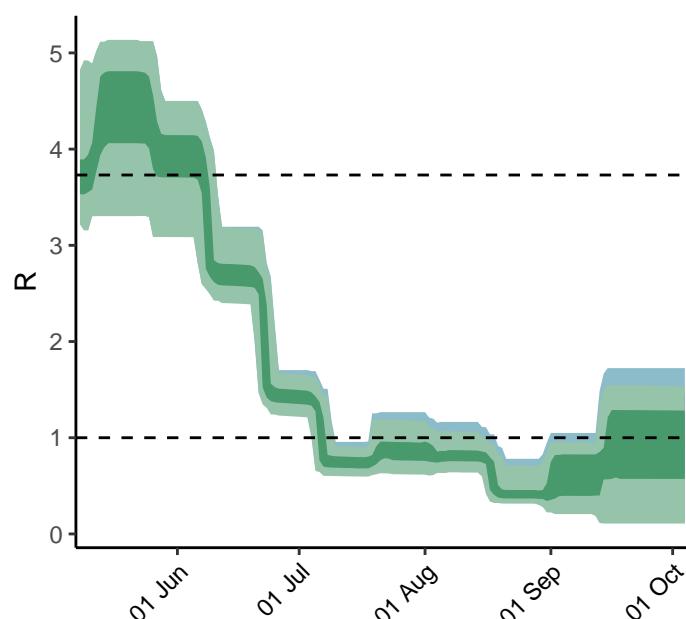
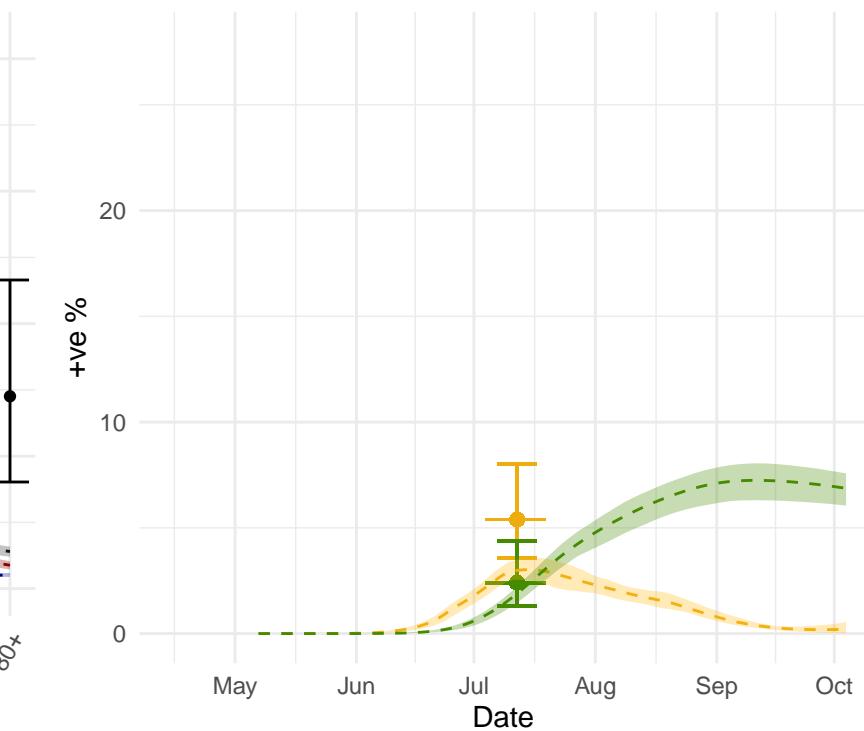
Post-mortem weekly PCR prev.
UTH mortuary



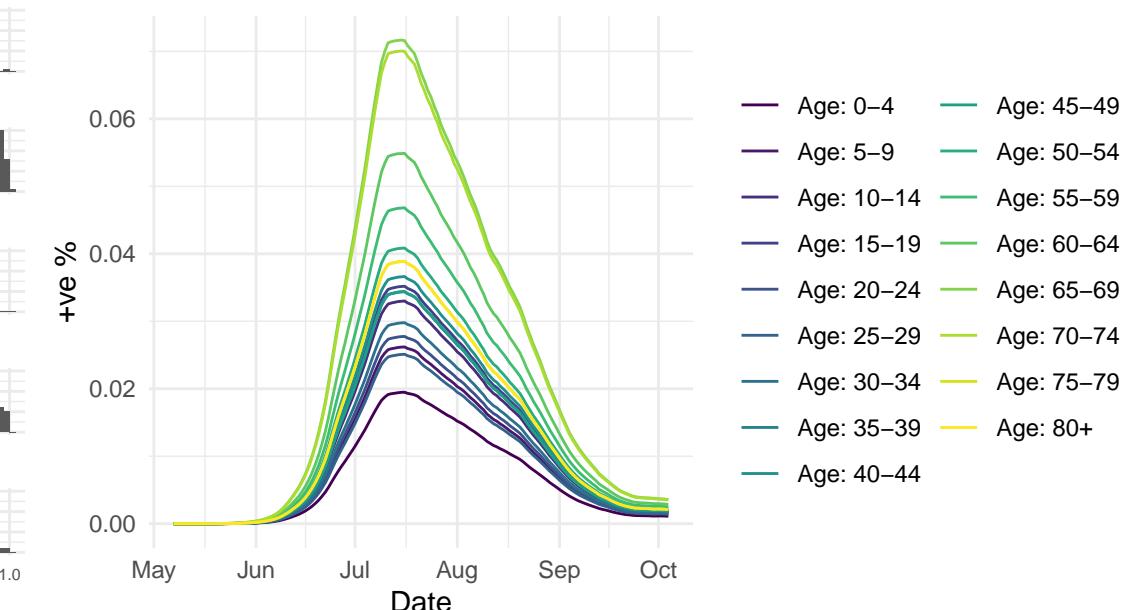
Post-mortem PCR prev. by age
UTH mortuary



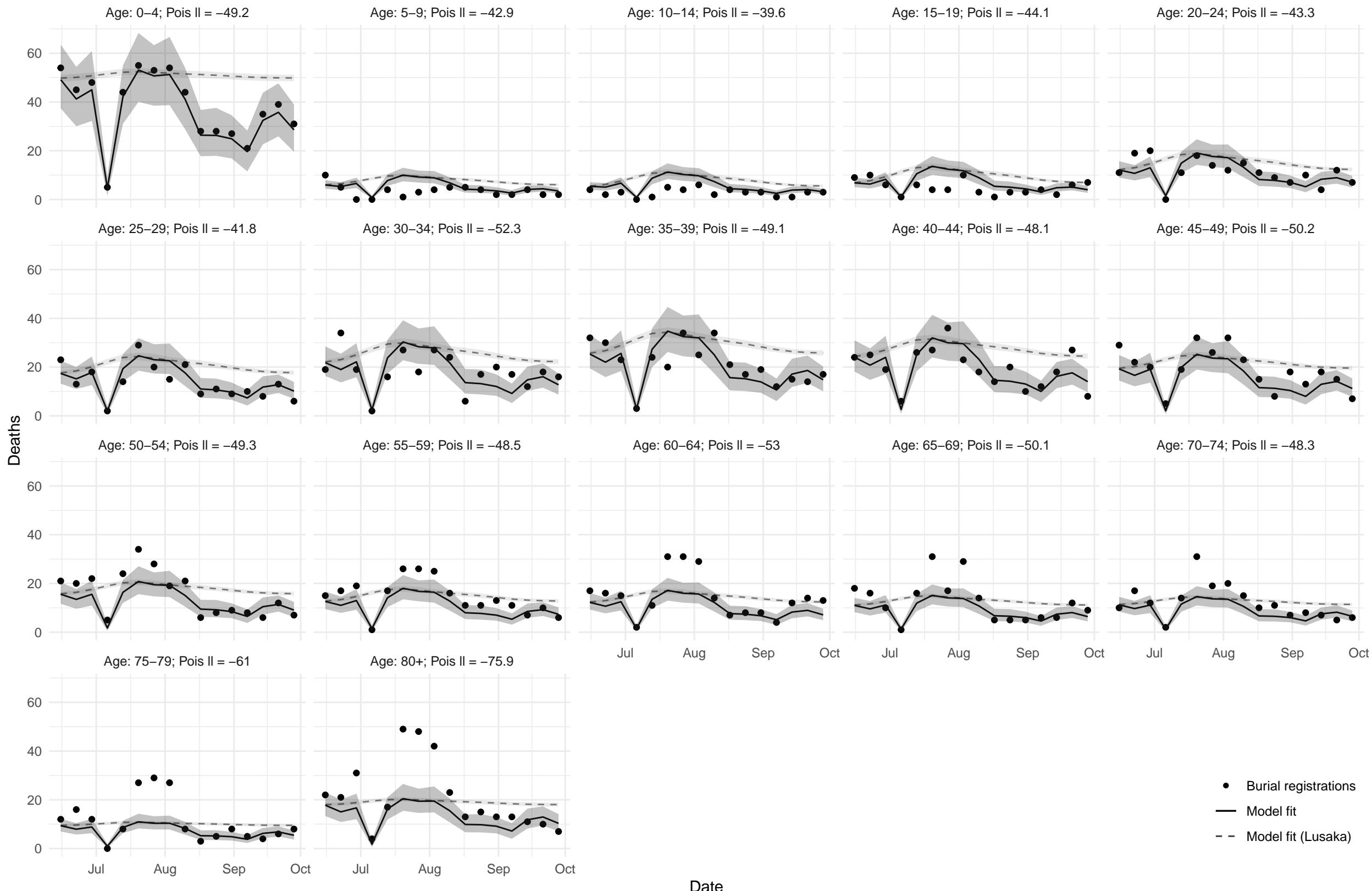
Population prevalence
Lusaka



Modelled PCR %

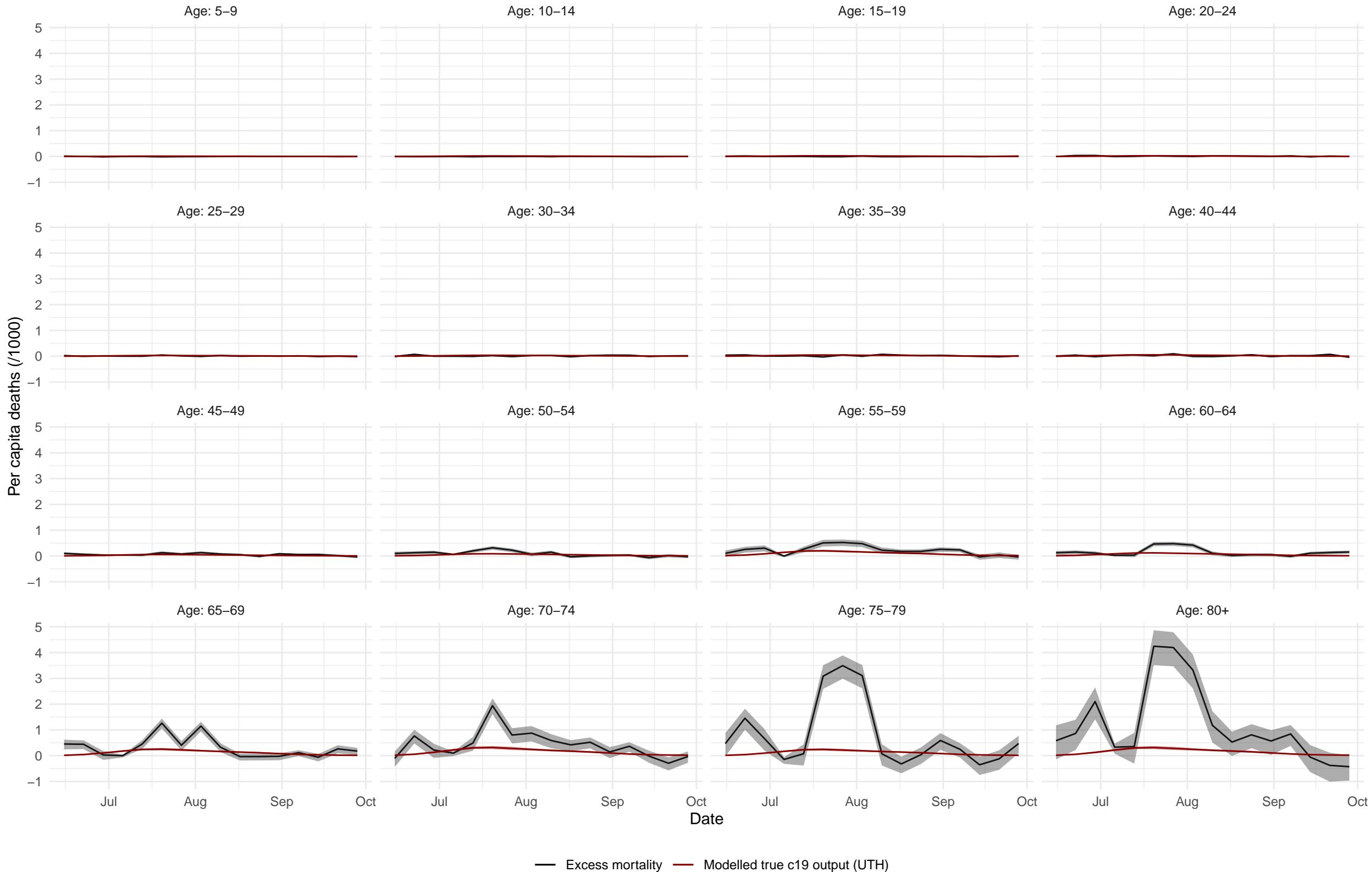


IFR x2.5, Slope x0.4
Lusaka weekly burial registrations



IFR x 2.5, Slope x 0.4

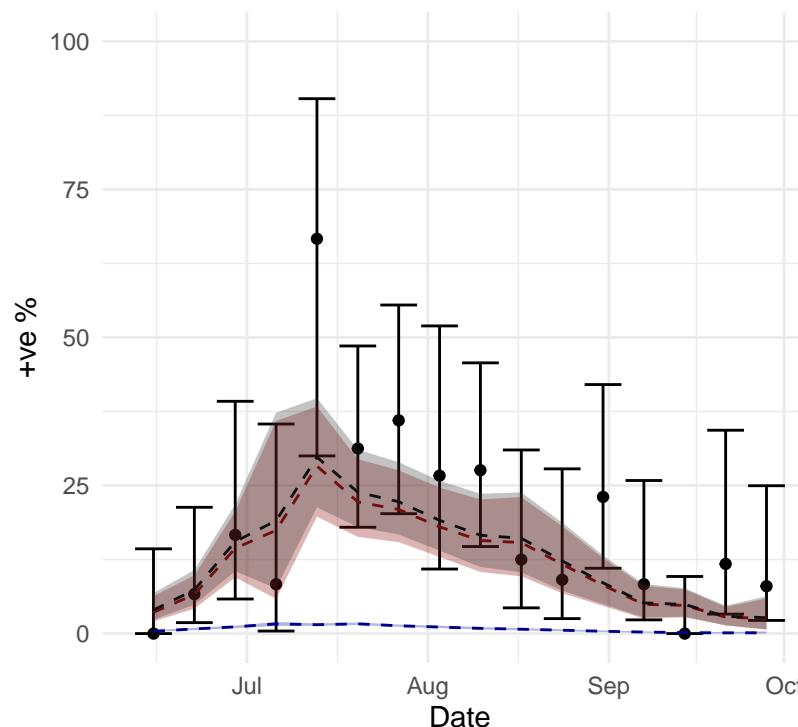
COVID-19 excess mortality: Comparison of MCMC results with squire results



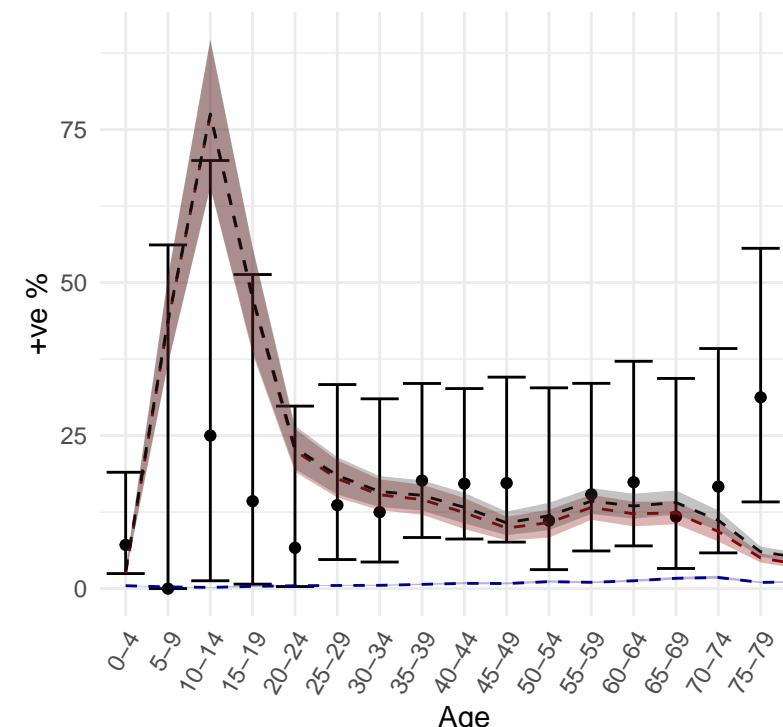
IFR x 5, Slope x 0.4

Post-mortem weekly PCR prev.

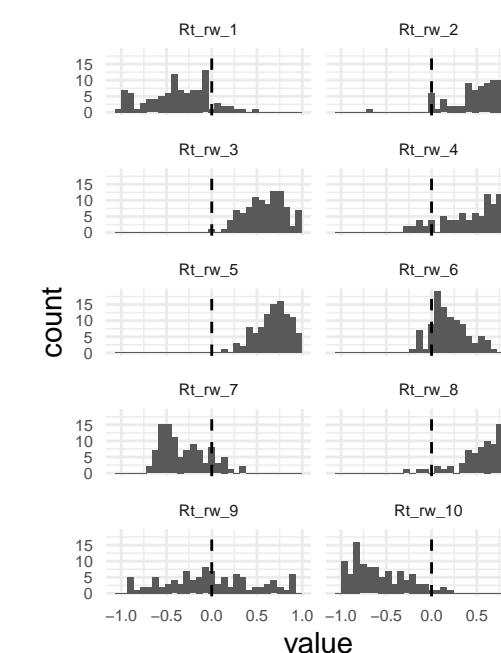
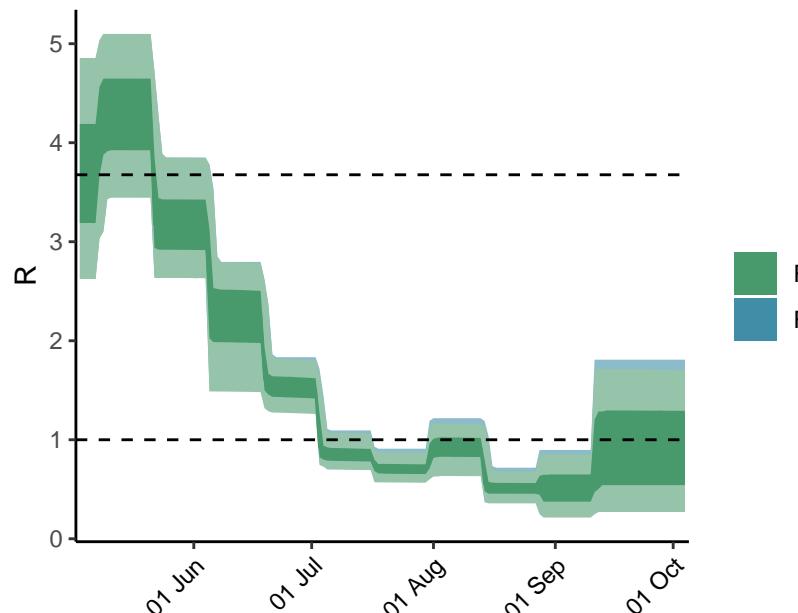
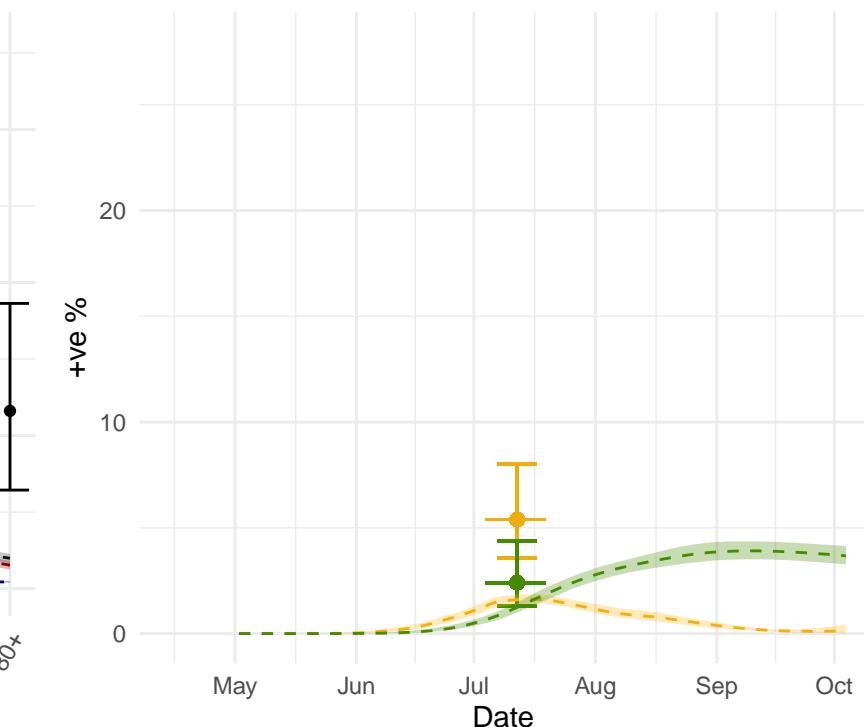
UTH mortuary



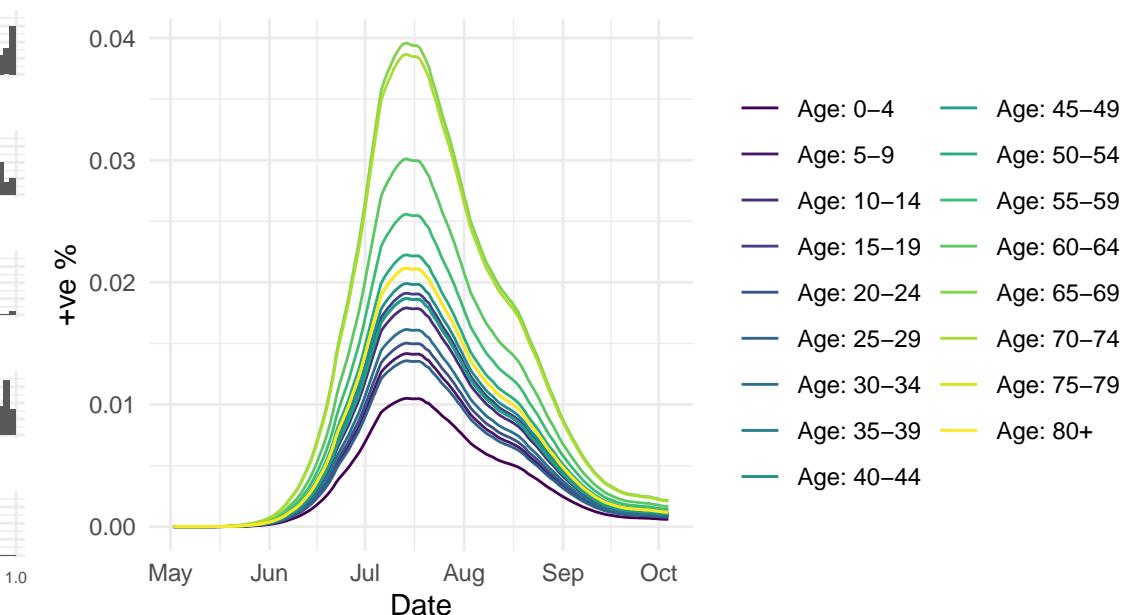
Post-mortem PCR prev. by age
UTH mortuary



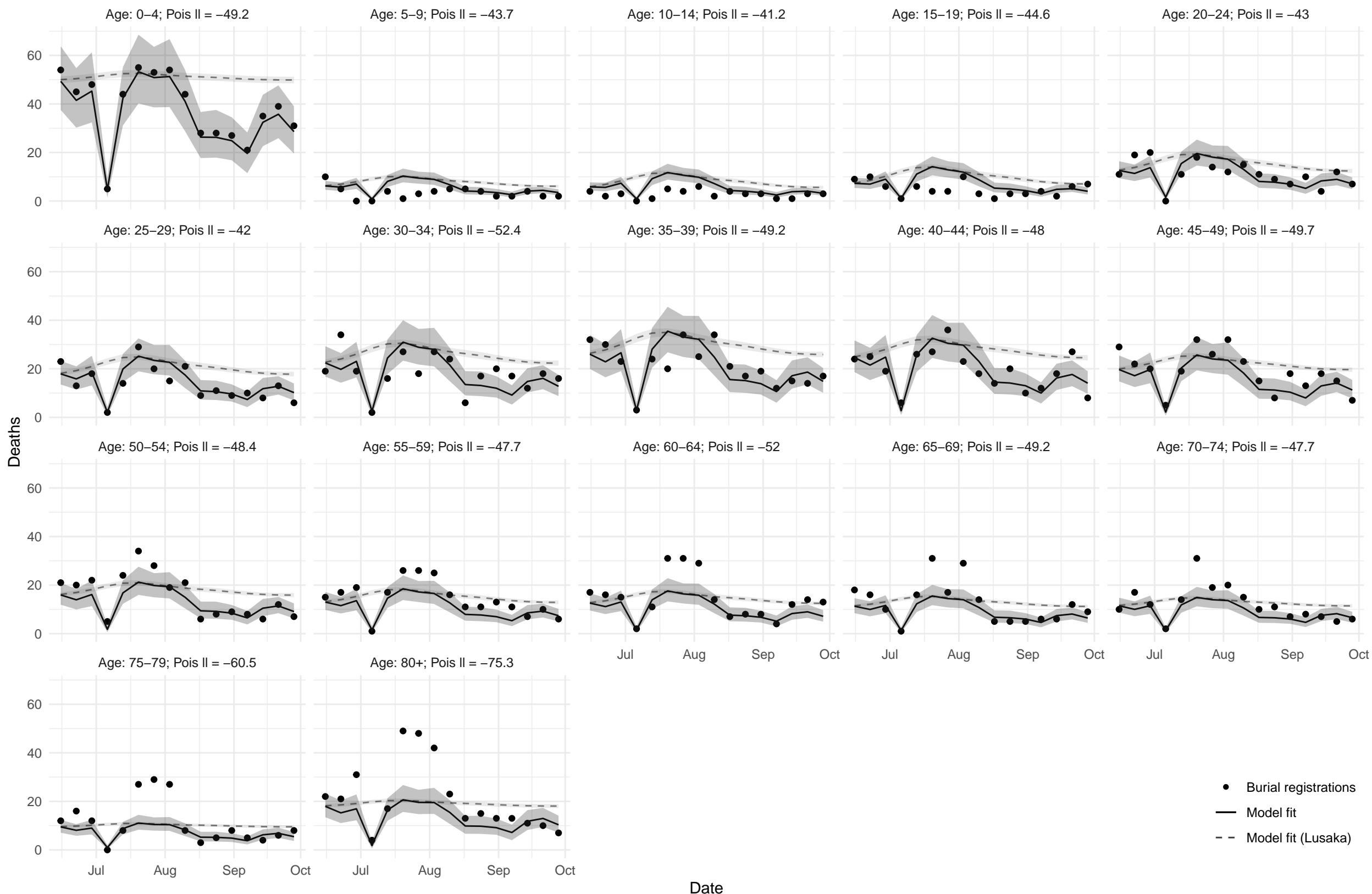
Population prevalence
Lusaka



Modelled PCR %

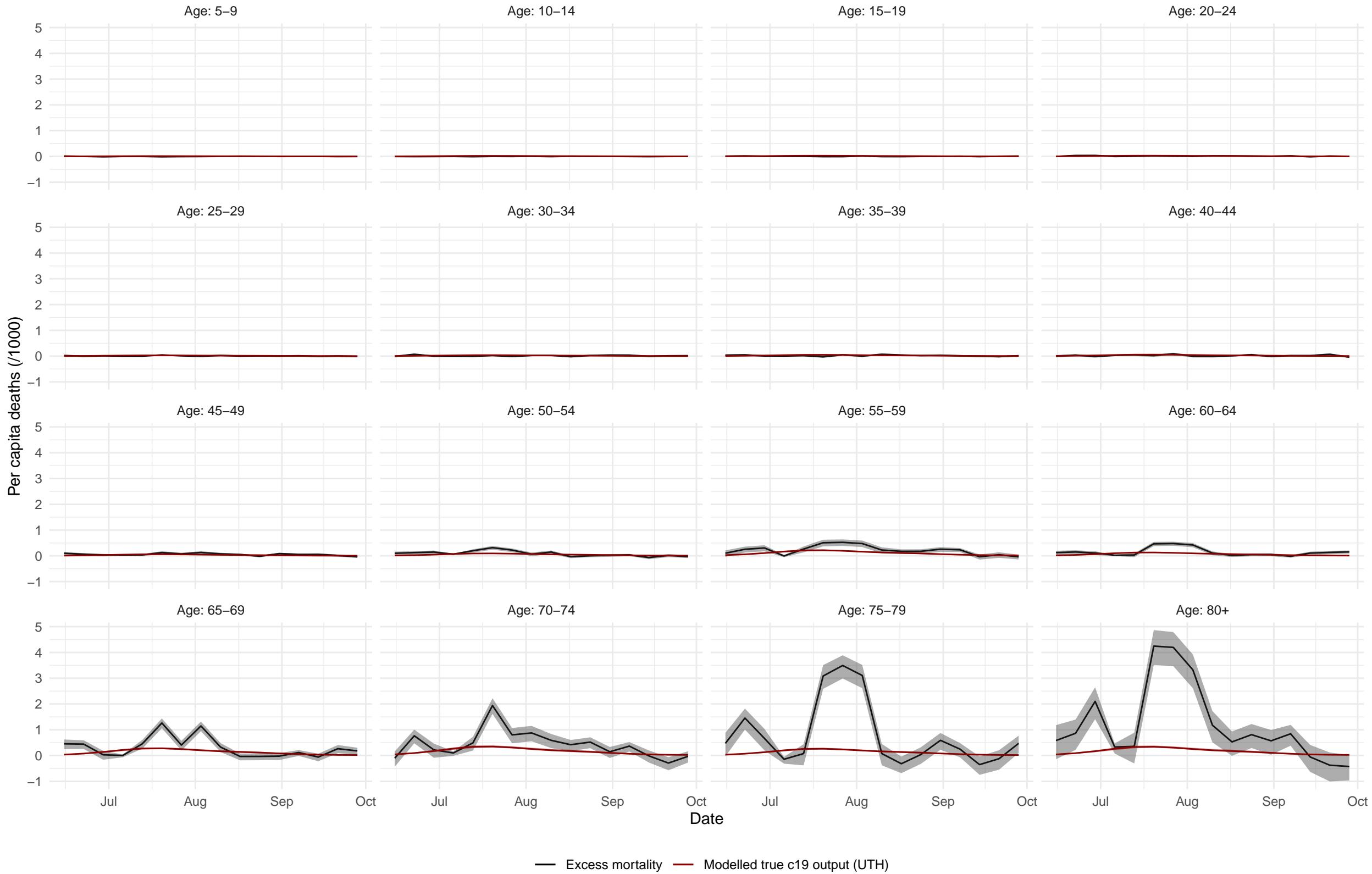


IFR x5, Slope x0.4
Lusaka weekly burial registrations



IFR x 5, Slope x 0.4

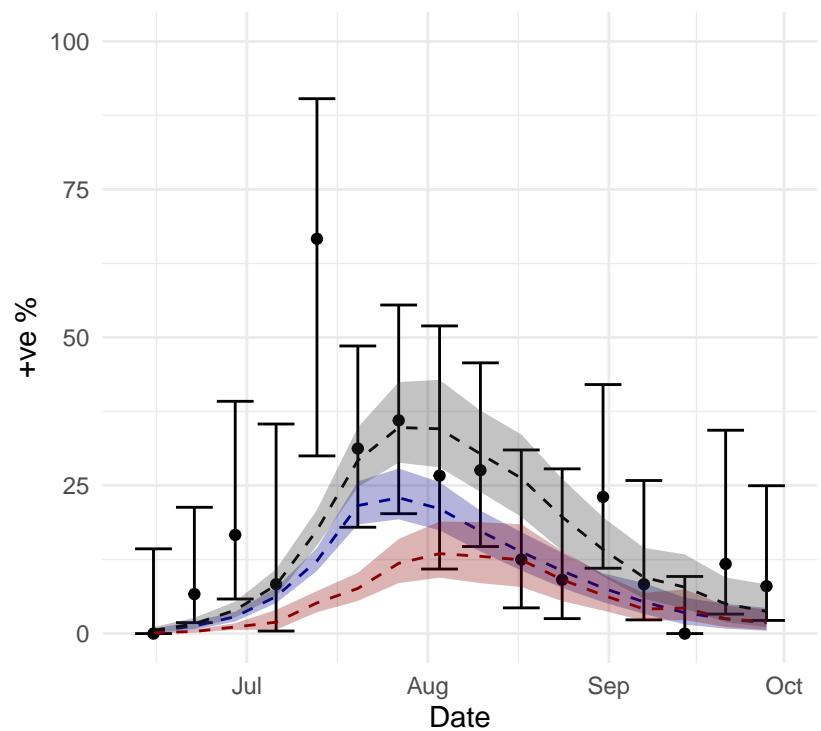
COVID-19 excess mortality: Comparison of MCMC results with squire results



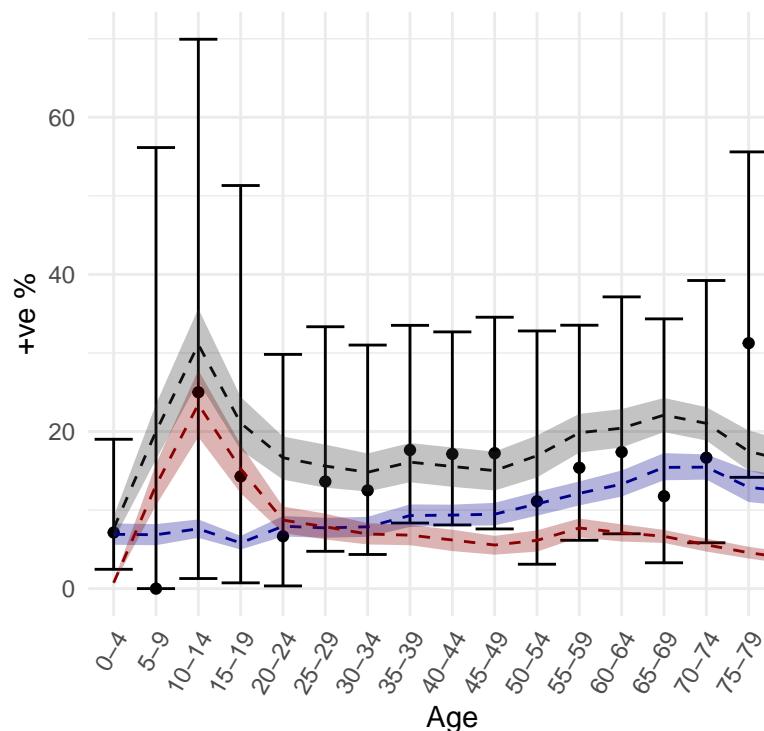
IFR x 0.2, Slope x 0.6

Post-mortem weekly PCR prev.

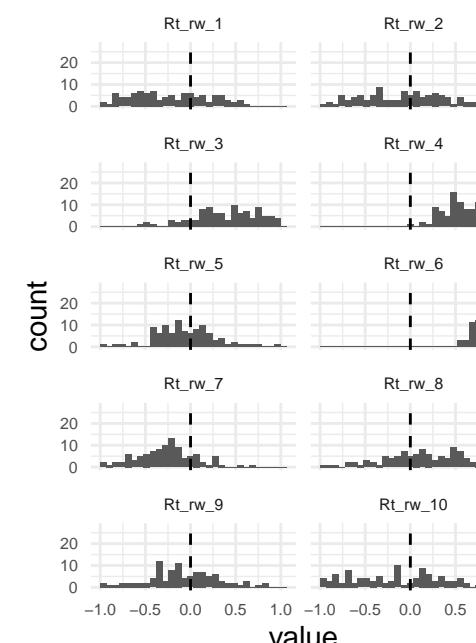
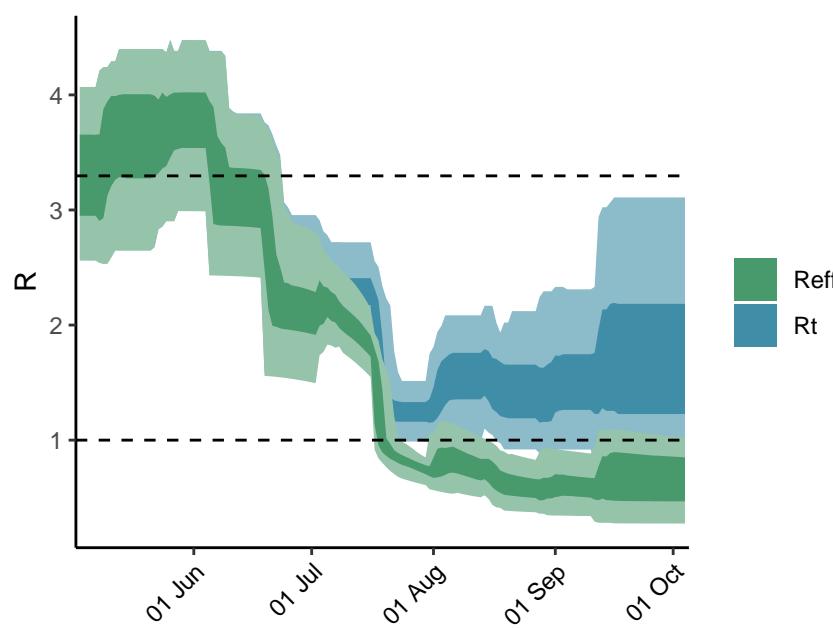
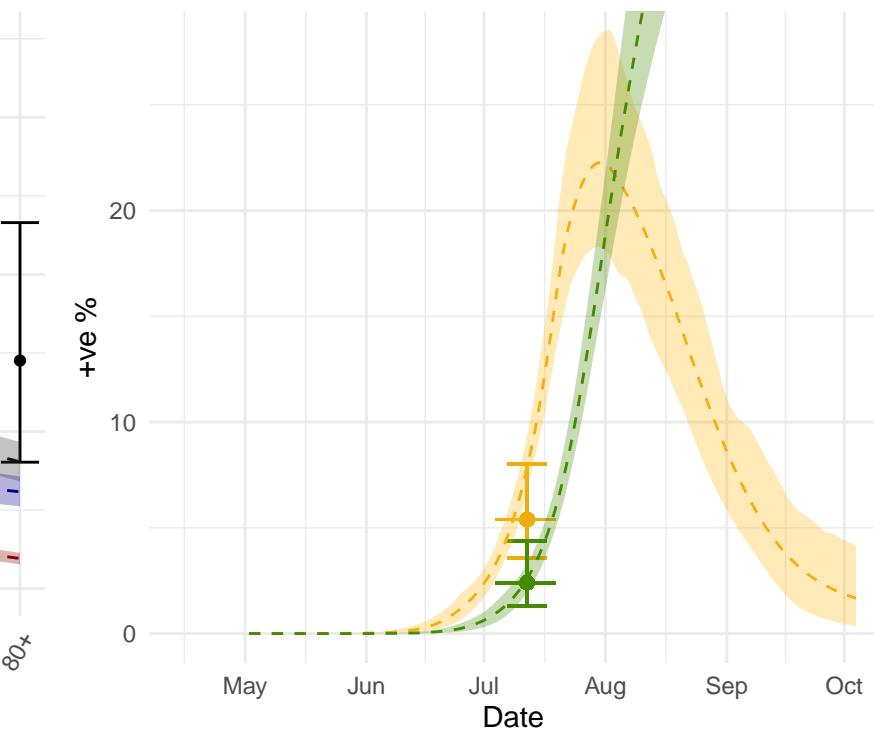
UTH mortuary



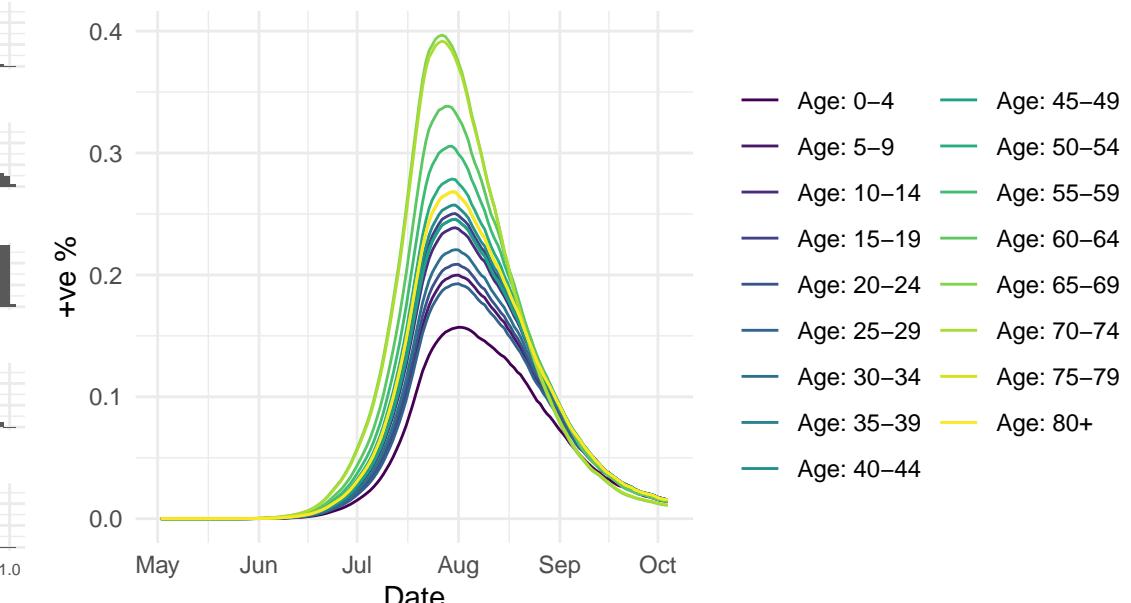
Post-mortem PCR prev. by age
UTH mortuary



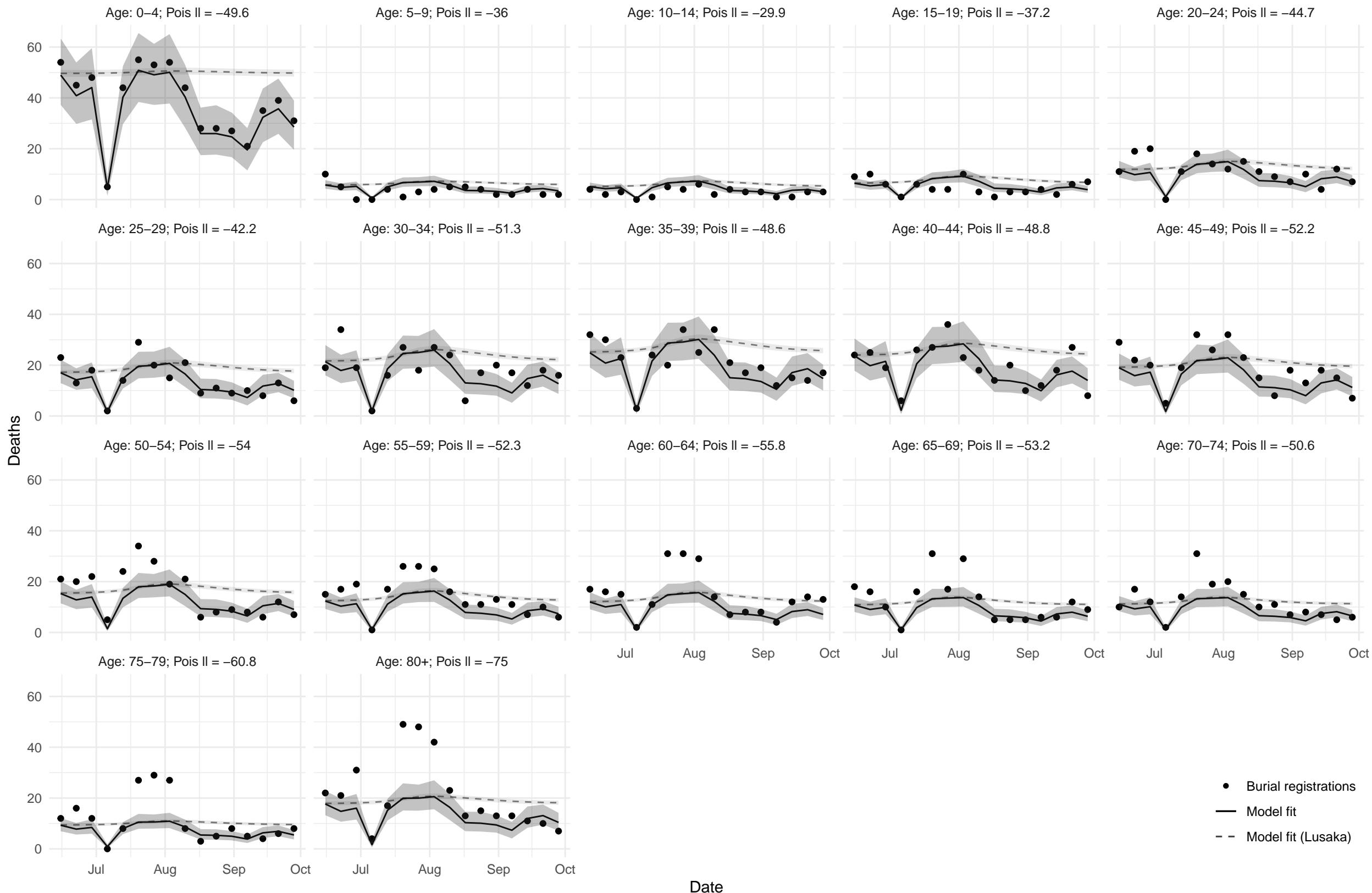
Population prevalence
Lusaka



Modelled PCR %

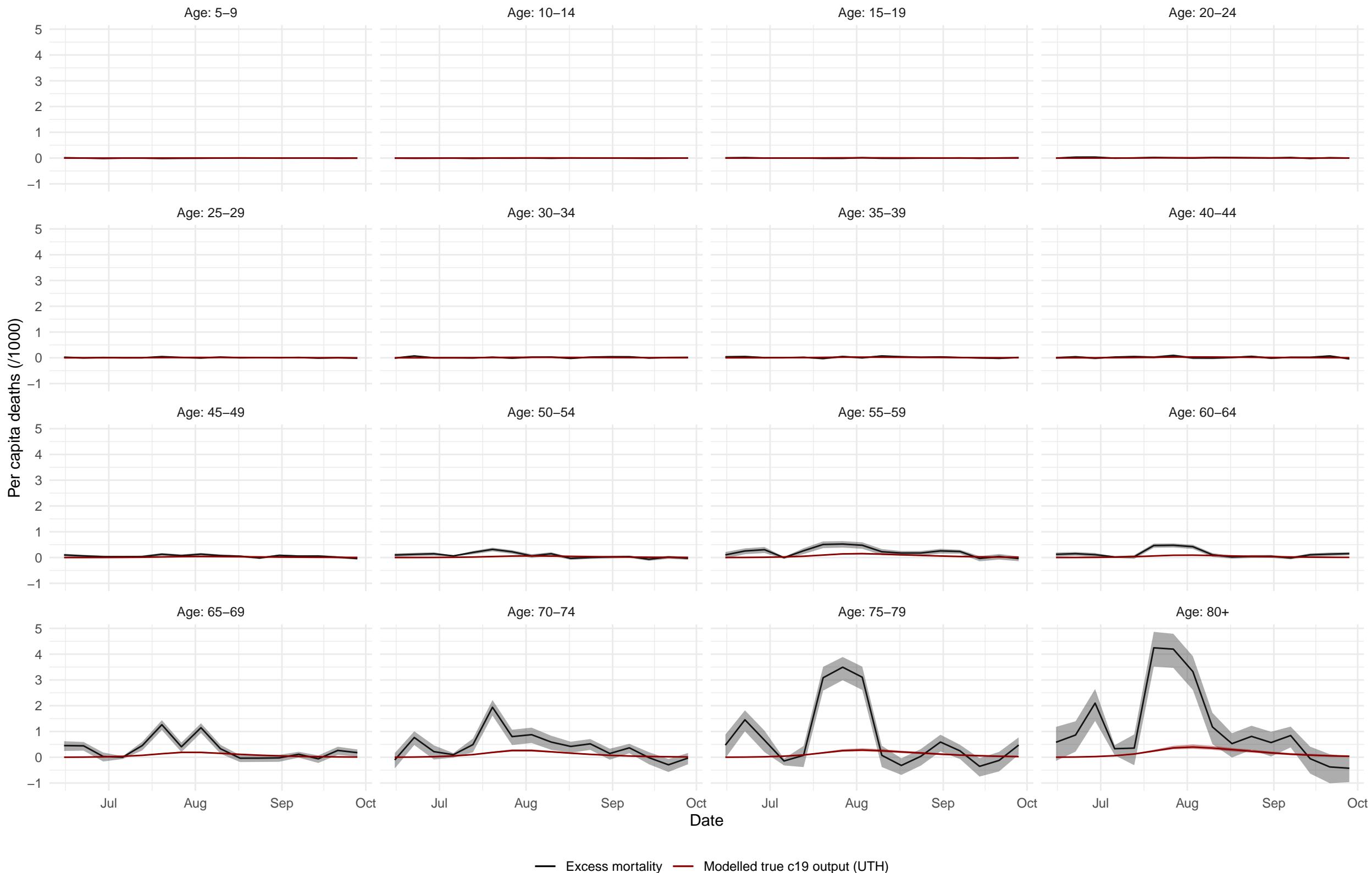


IFR x0.2, Slope x0.6
Lusaka weekly burial registrations

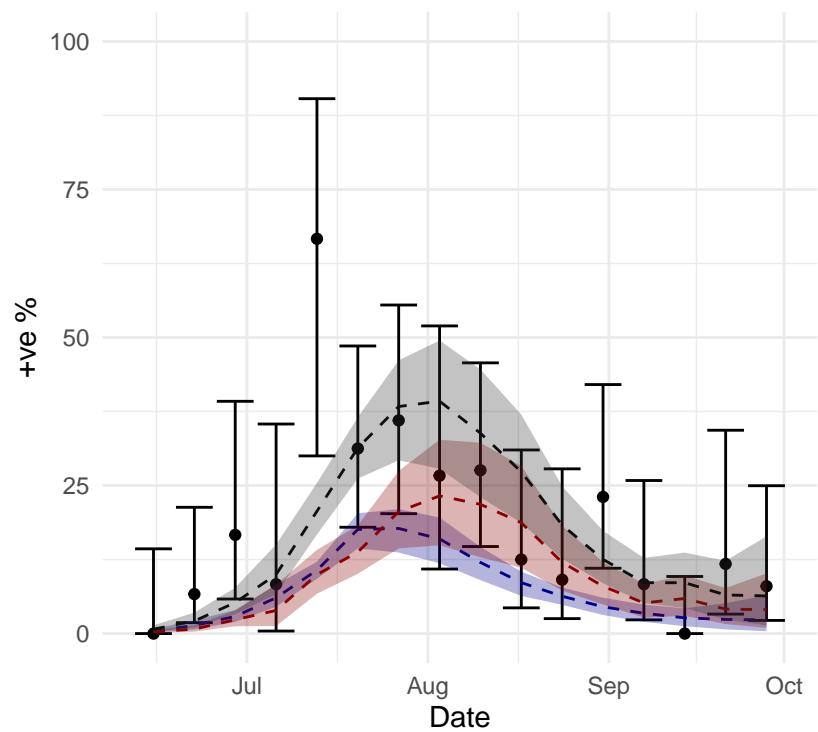


IFR x 0.2, Slope x 0.6

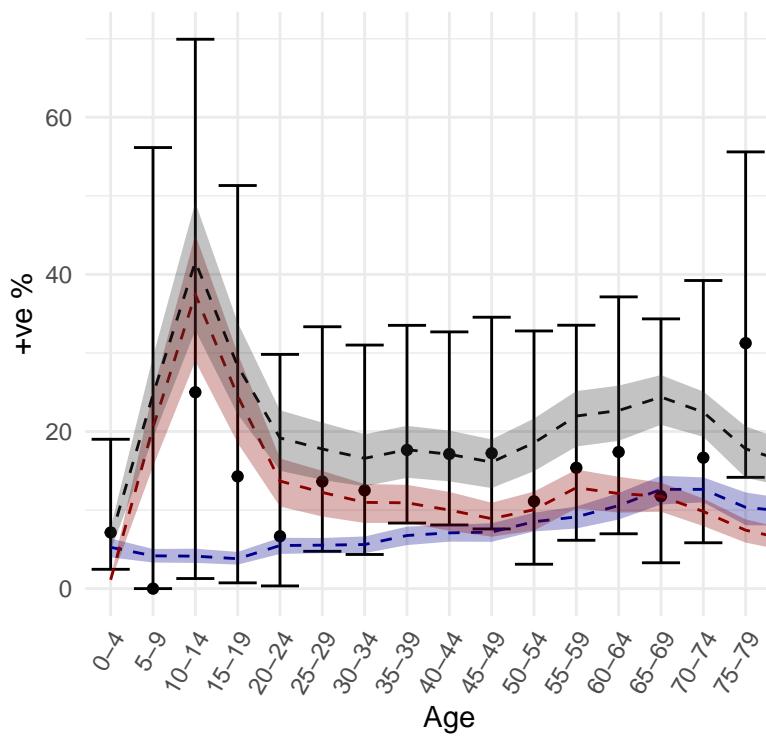
COVID-19 excess mortality: Comparison of MCMC results with squire results



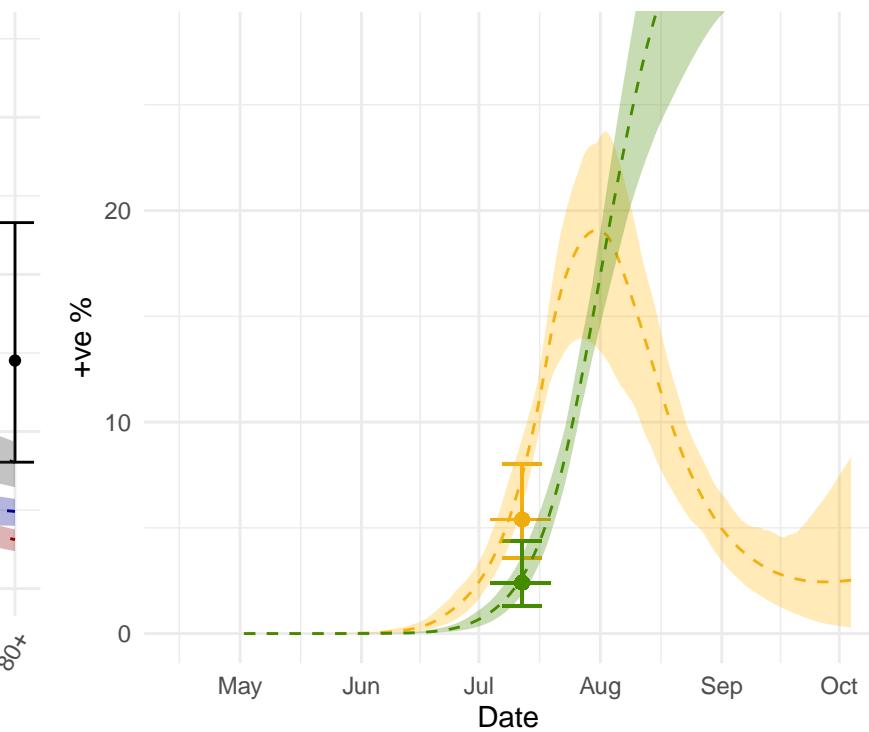
IFR x 0.4, Slope x 0.6
Post-mortem weekly PCR prev.
UTH mortuary



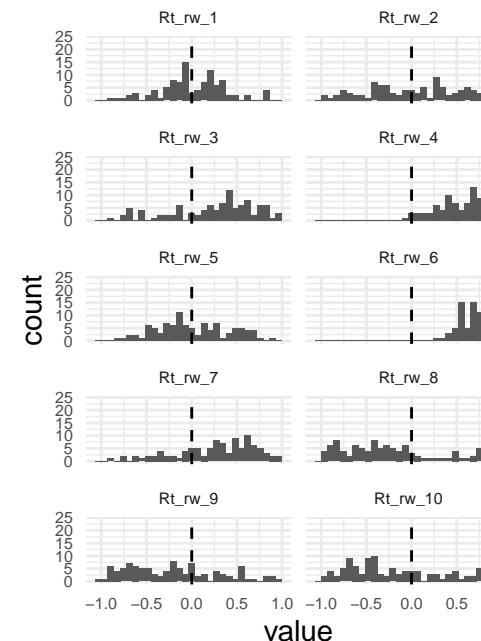
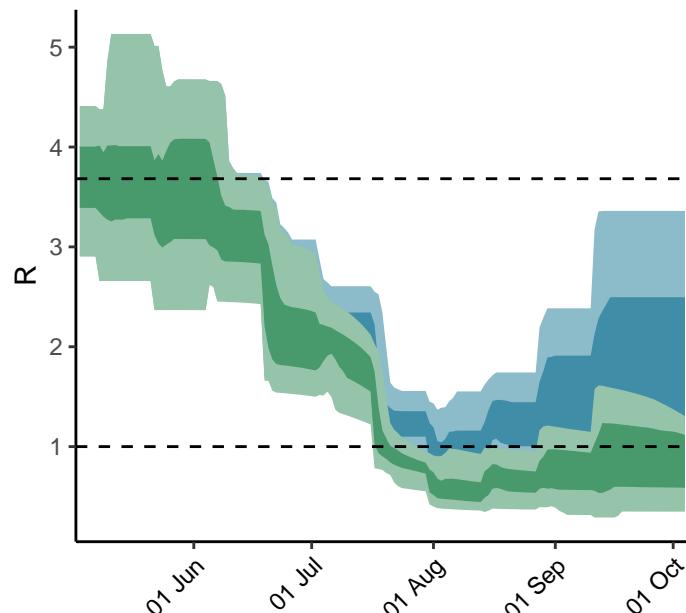
Post-mortem PCR prev. by age
UTH mortuary



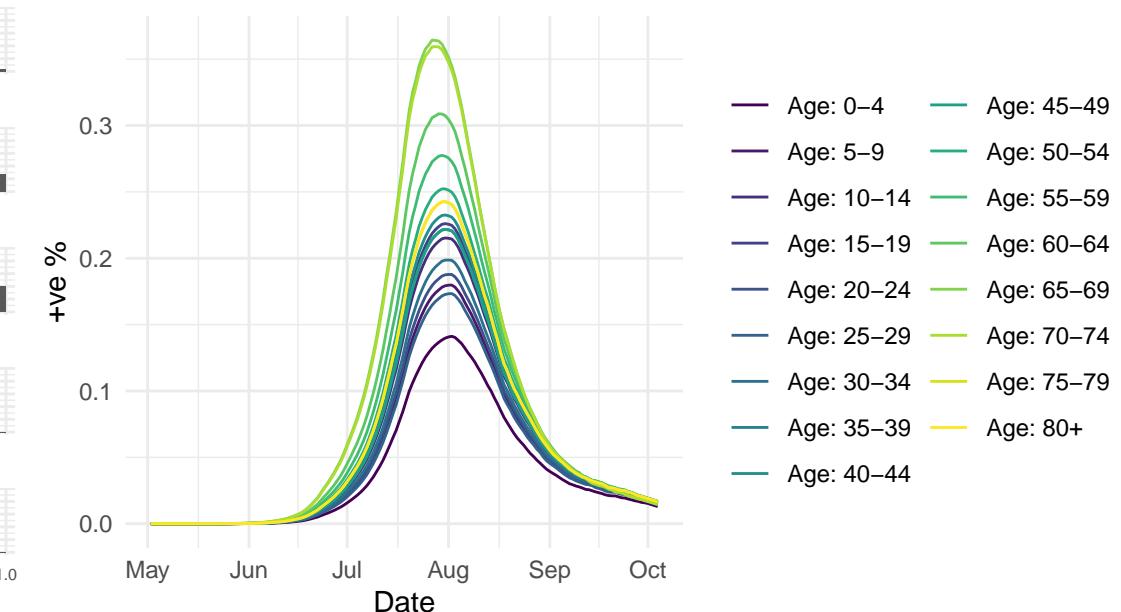
Population prevalence
Lusaka



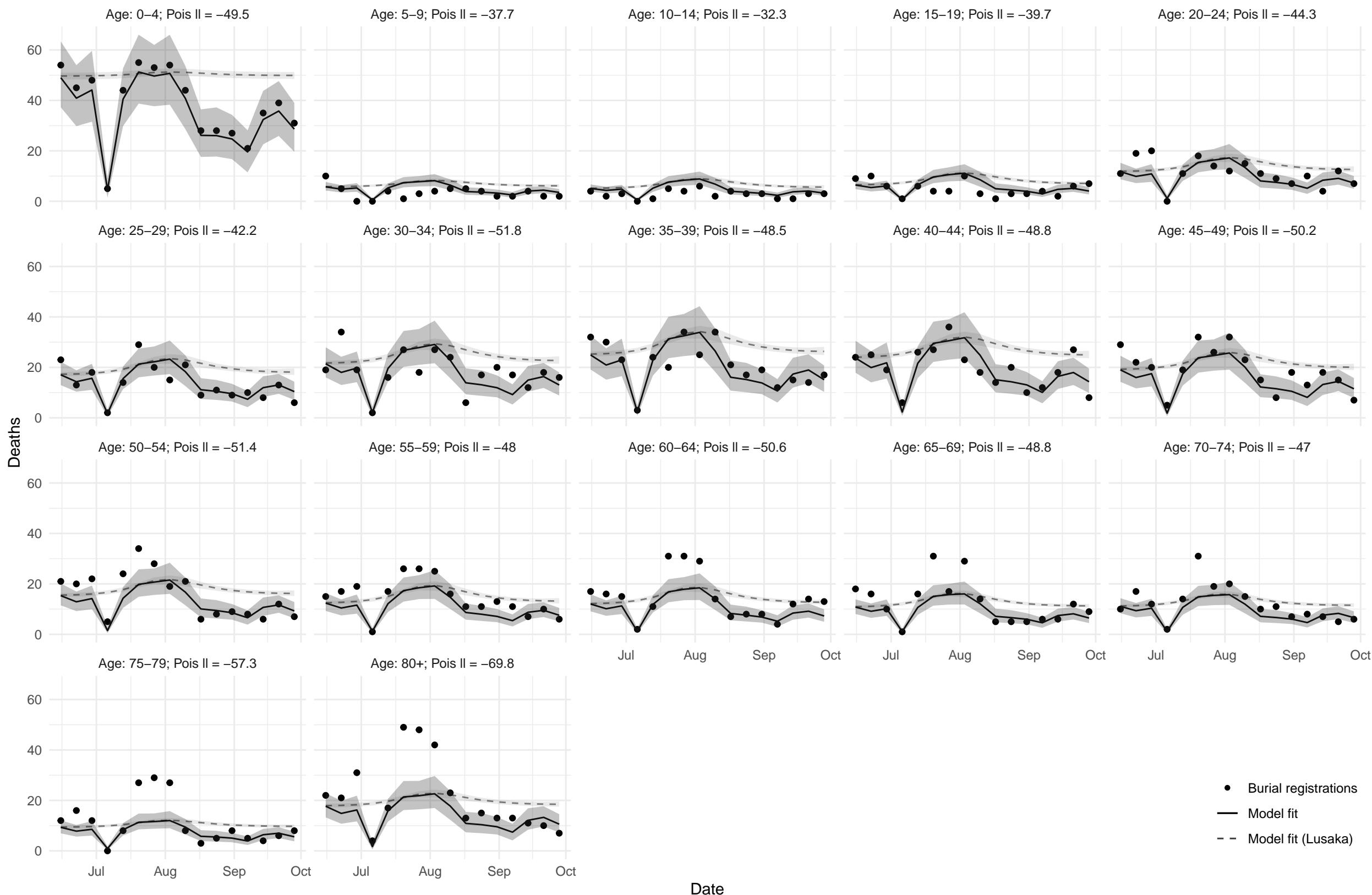
R_{eff}
R_t



Modelled PCR %

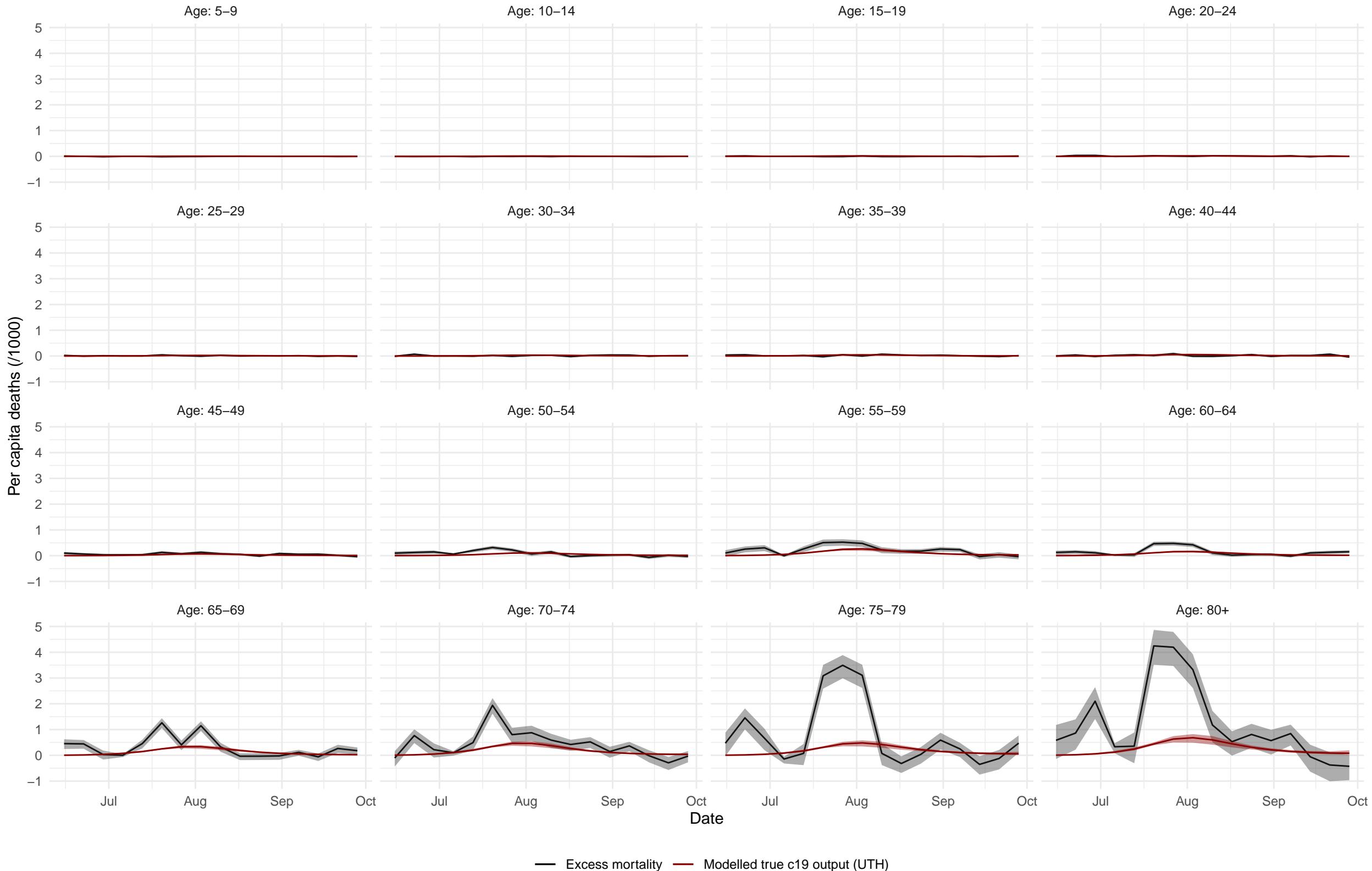


IFR x0.4, Slope x0.6
Lusaka weekly burial registrations



IFR x 0.4, Slope x 0.6

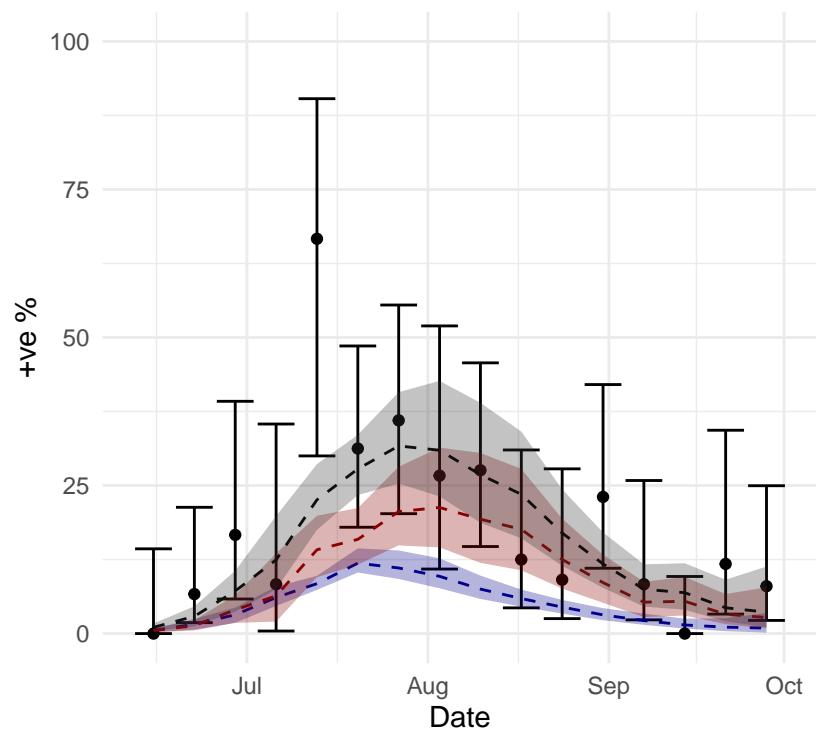
COVID-19 excess mortality: Comparison of MCMC results with squire results



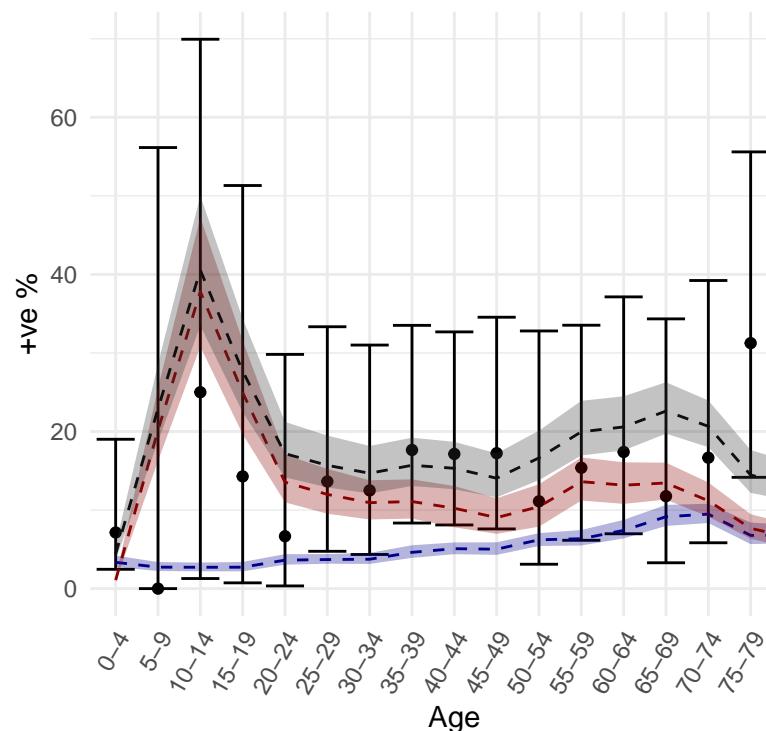
IFR x 0.6, Slope x 0.6

Post-mortem weekly PCR prev.

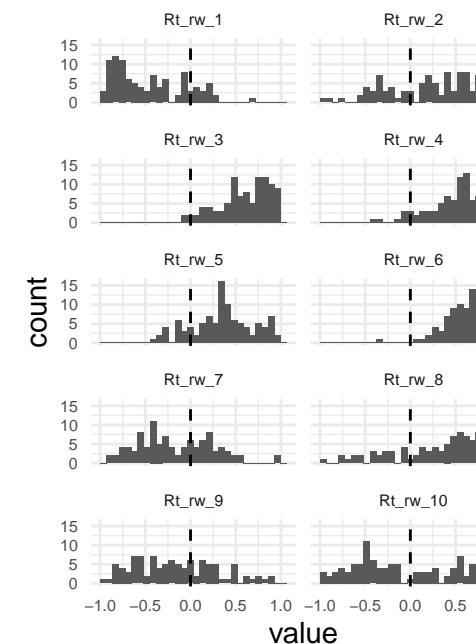
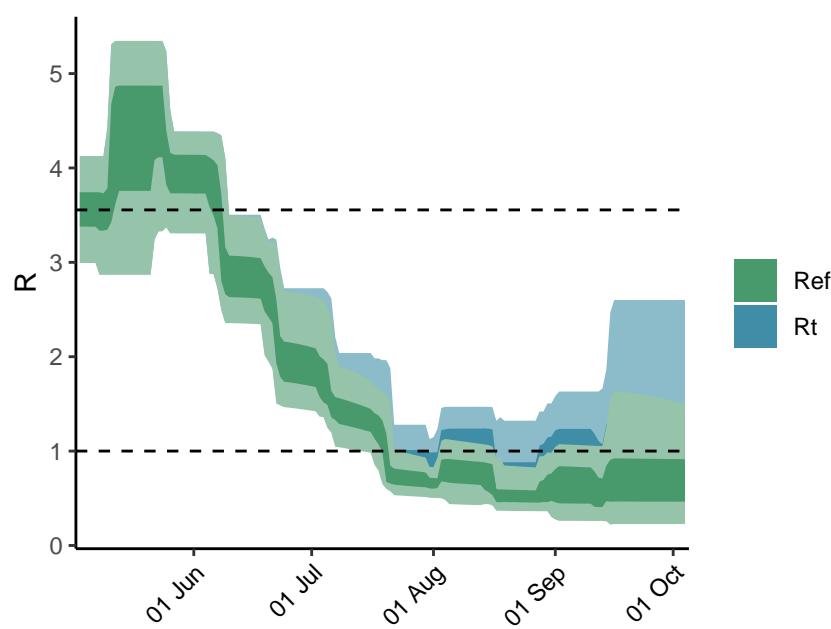
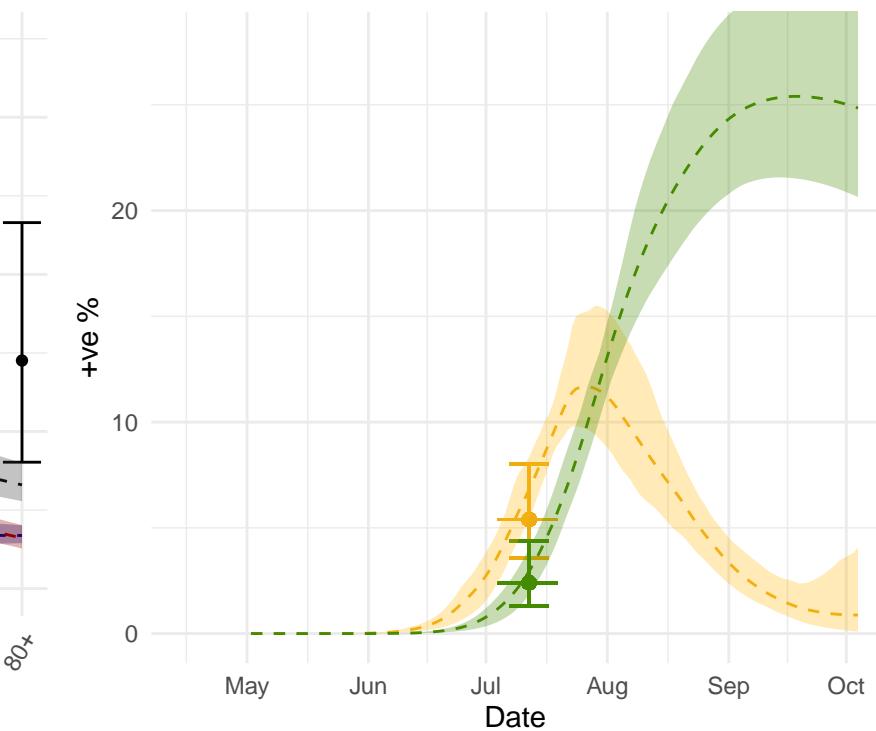
UTH mortuary



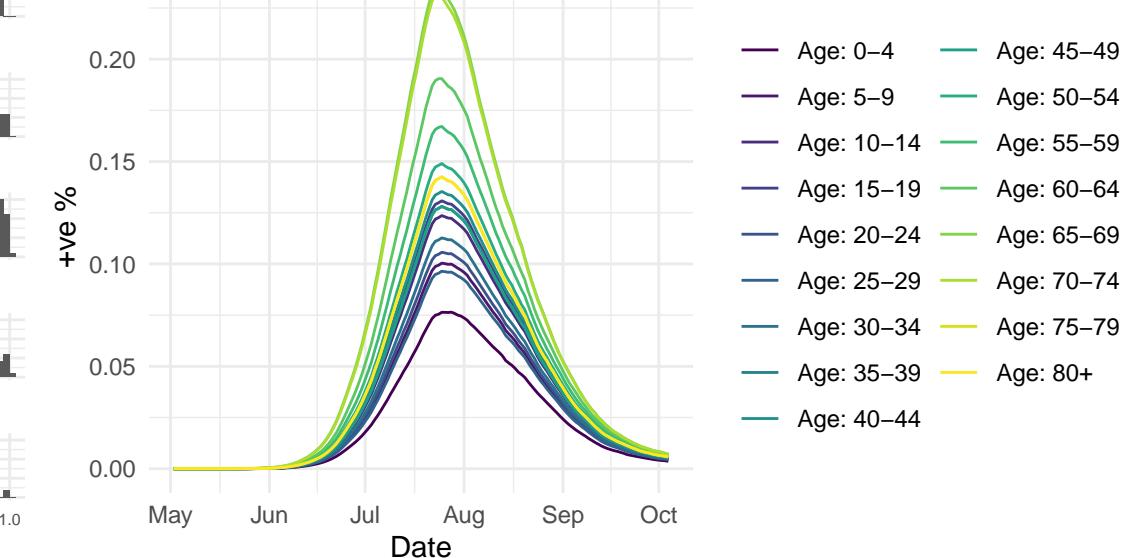
Post-mortem PCR prev. by age
UTH mortuary



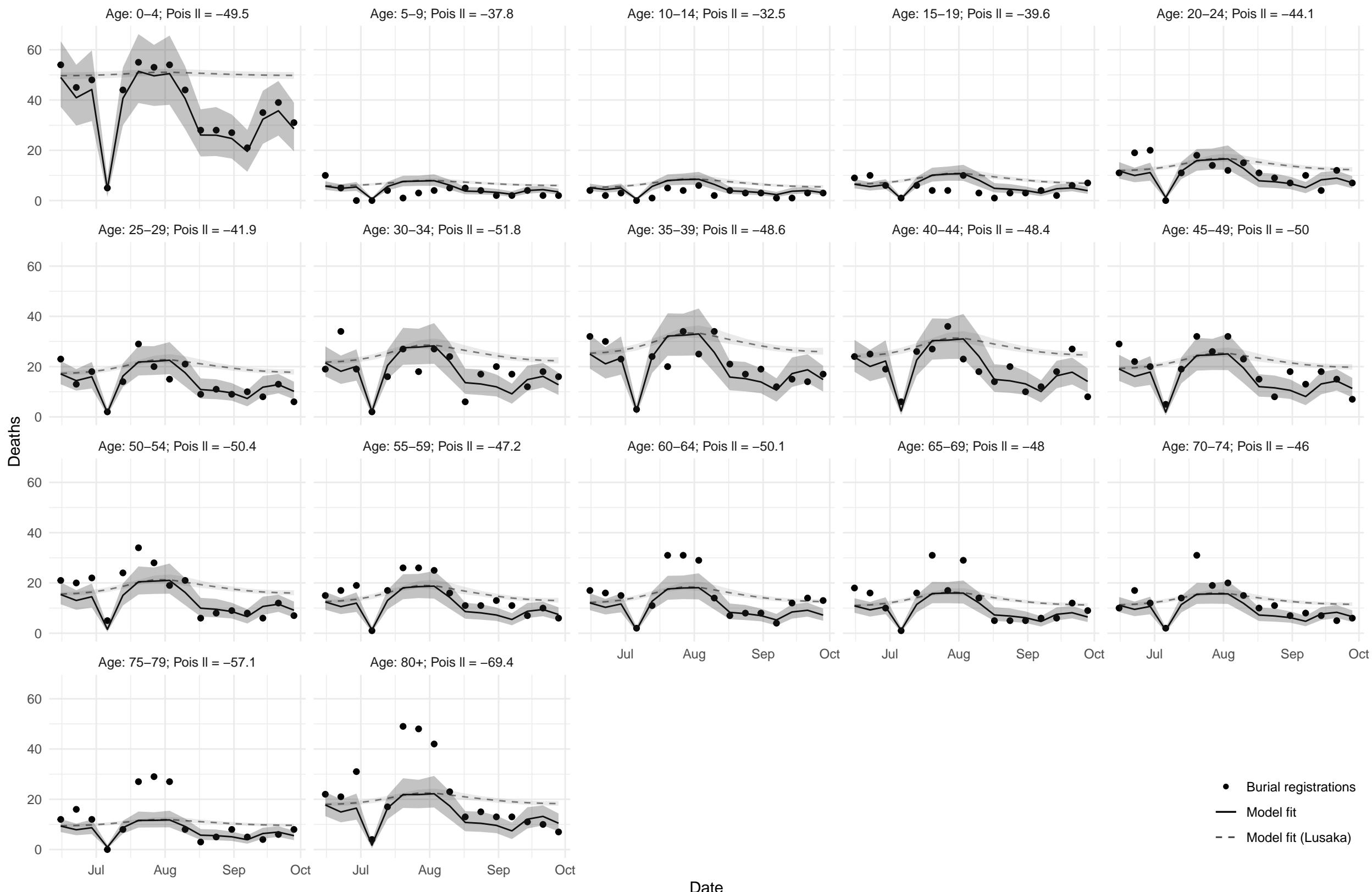
Population prevalence
Lusaka



Modelled PCR %



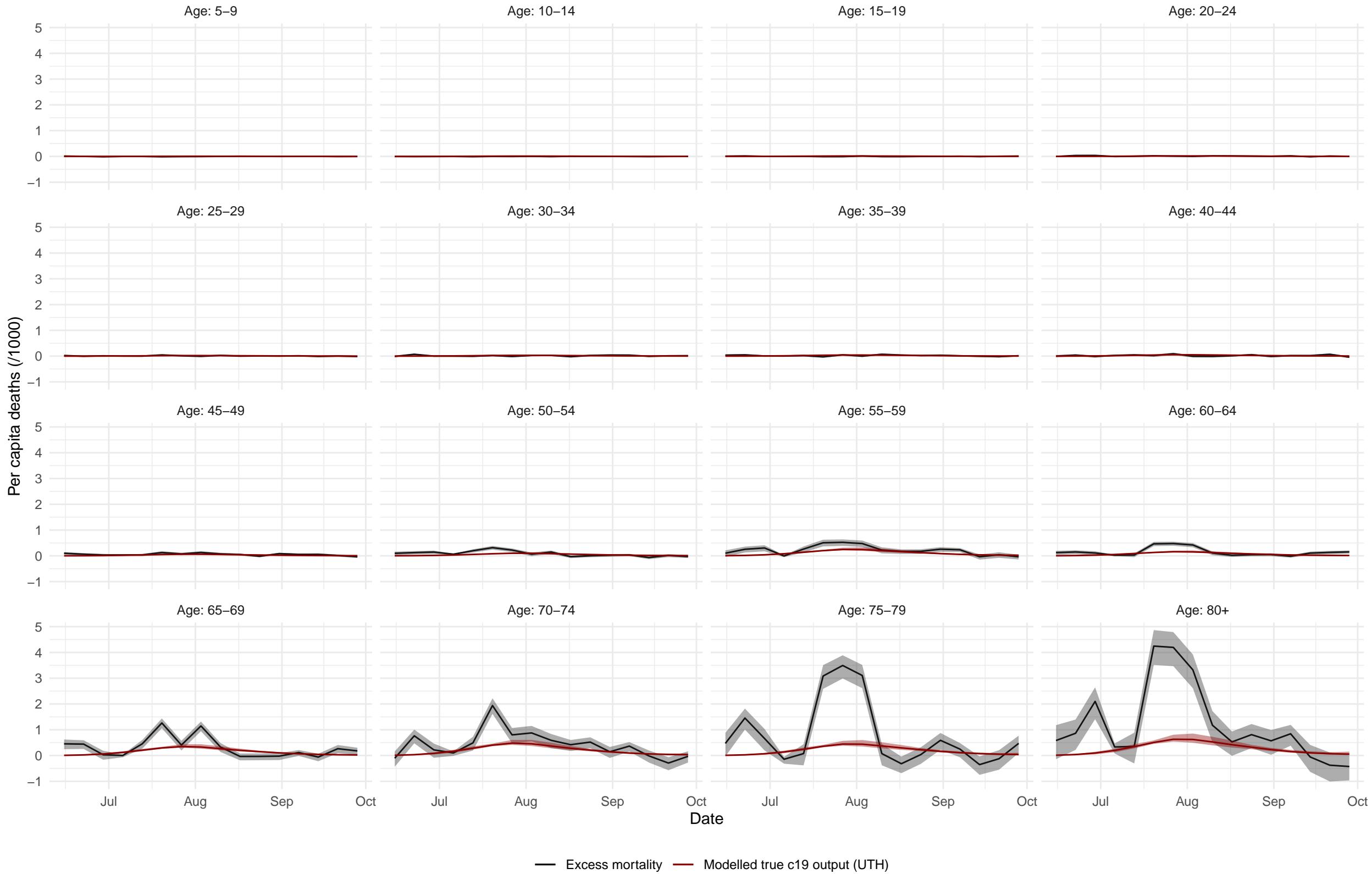
IFR x0.6, Slope x0.6
Lusaka weekly burial registrations



- Burial registrations
- Model fit
- Model fit (Lusaka)

IFR x 0.6, Slope x 0.6

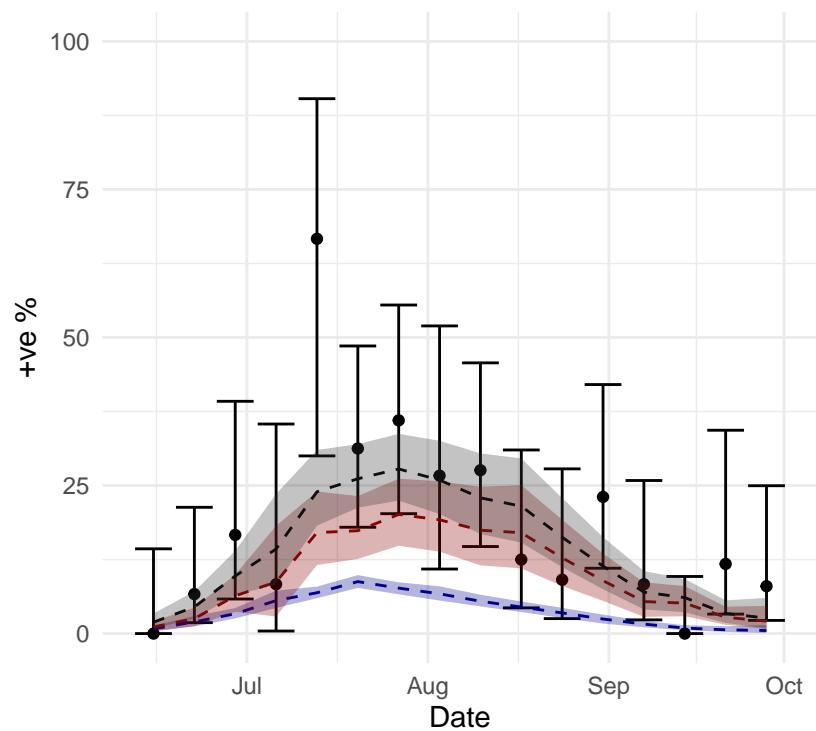
COVID-19 excess mortality: Comparison of MCMC results with squire results



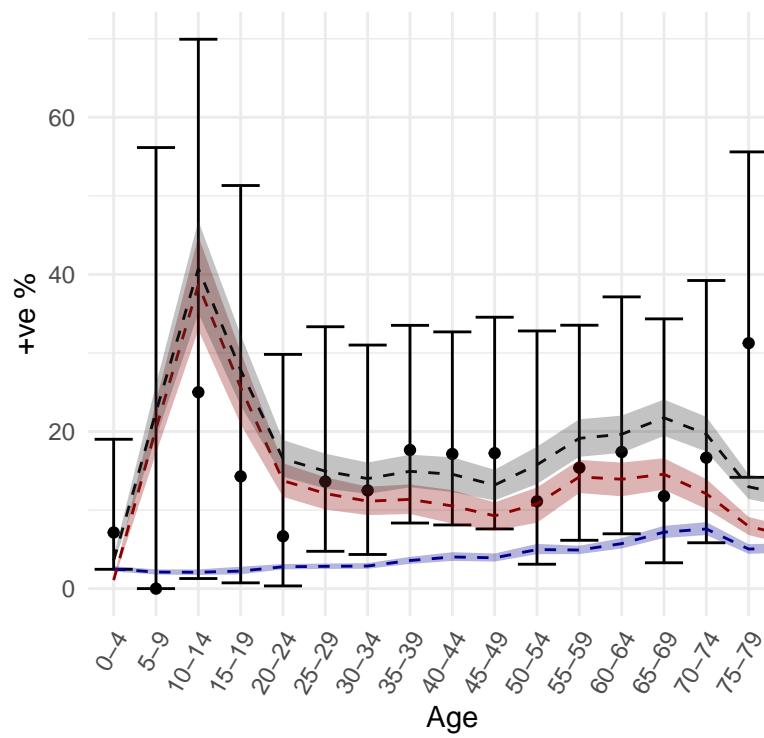
IFR x 0.8, Slope x 0.6

Post-mortem weekly PCR prev.

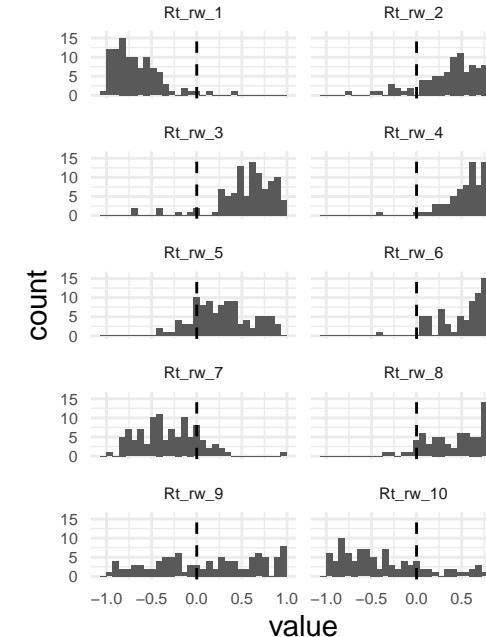
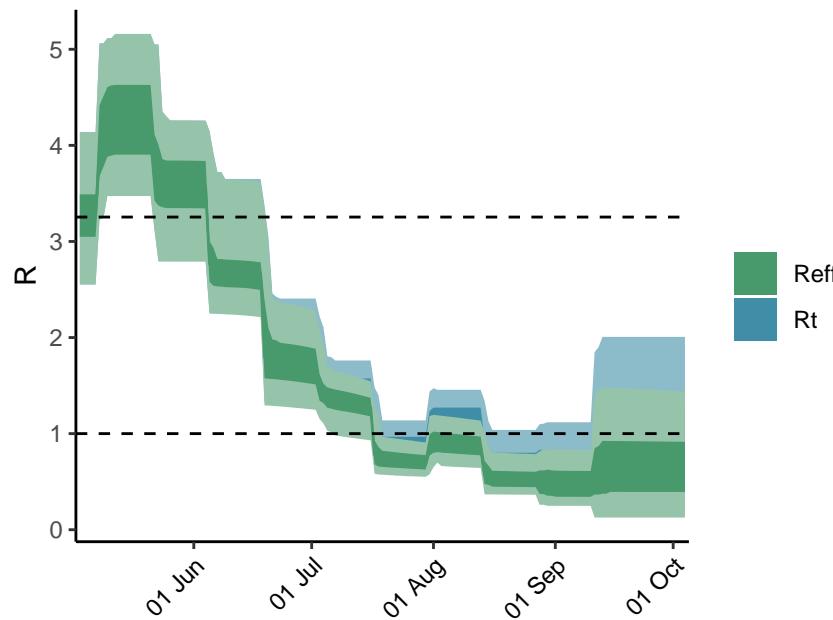
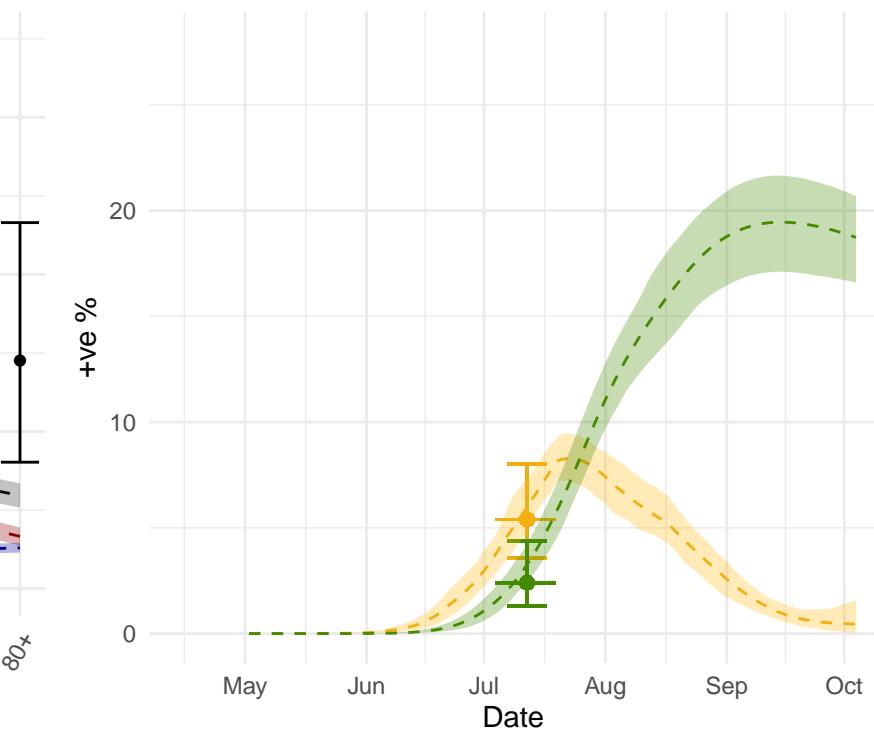
UTH mortuary



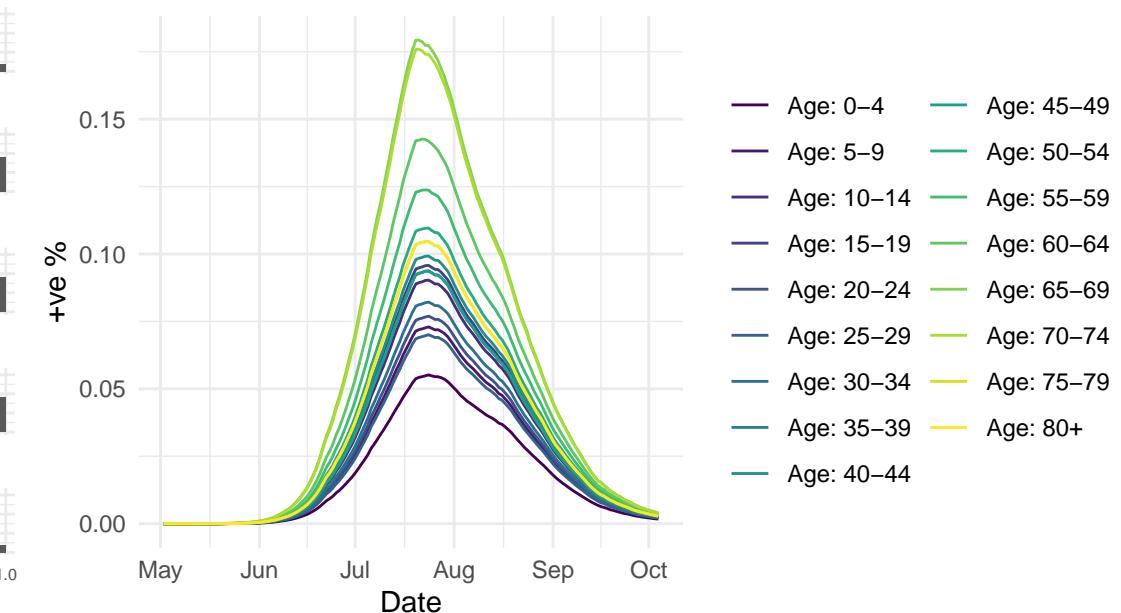
Post-mortem PCR prev. by age
UTH mortuary



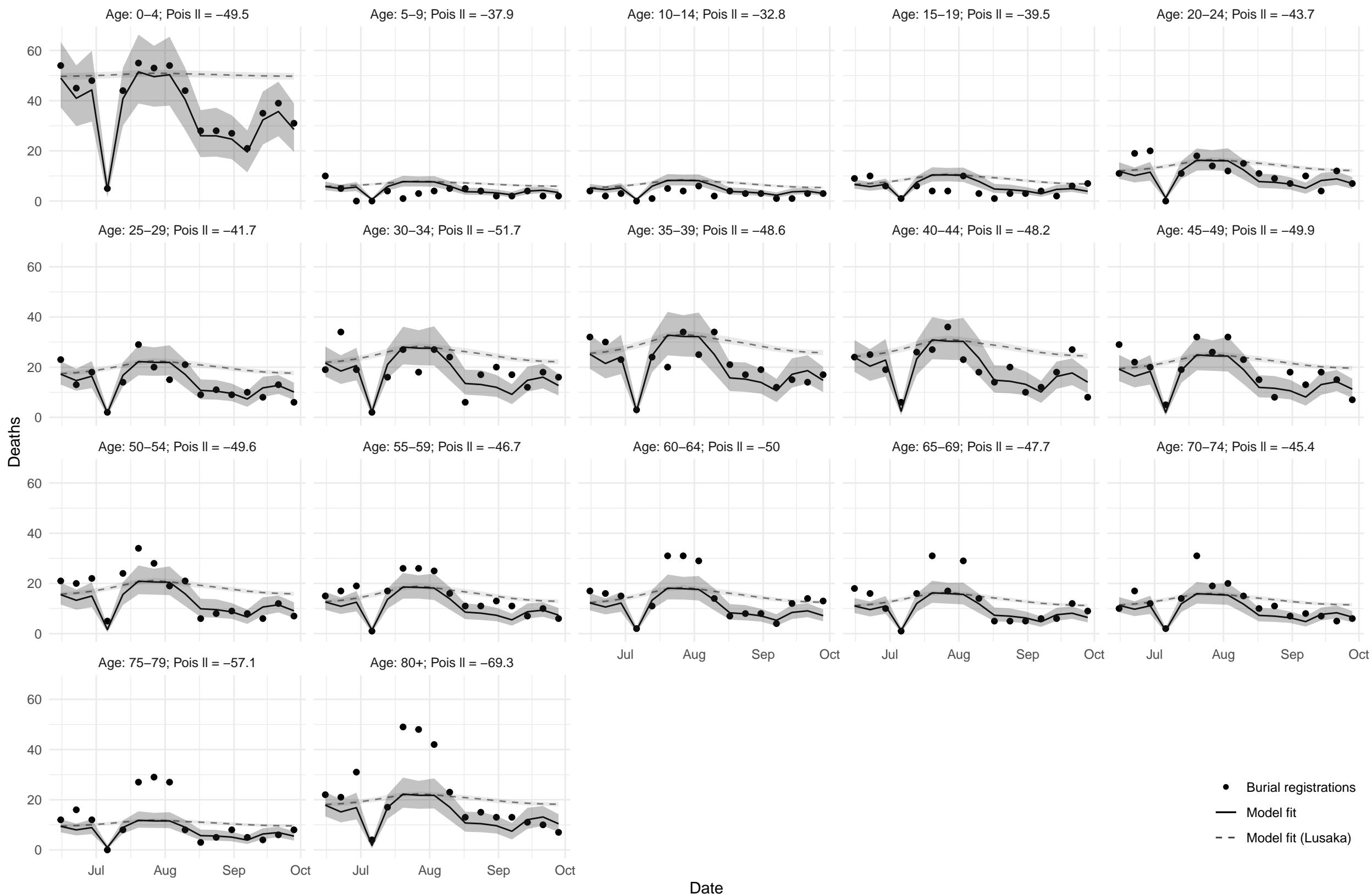
Population prevalence
Lusaka



Modelled PCR %



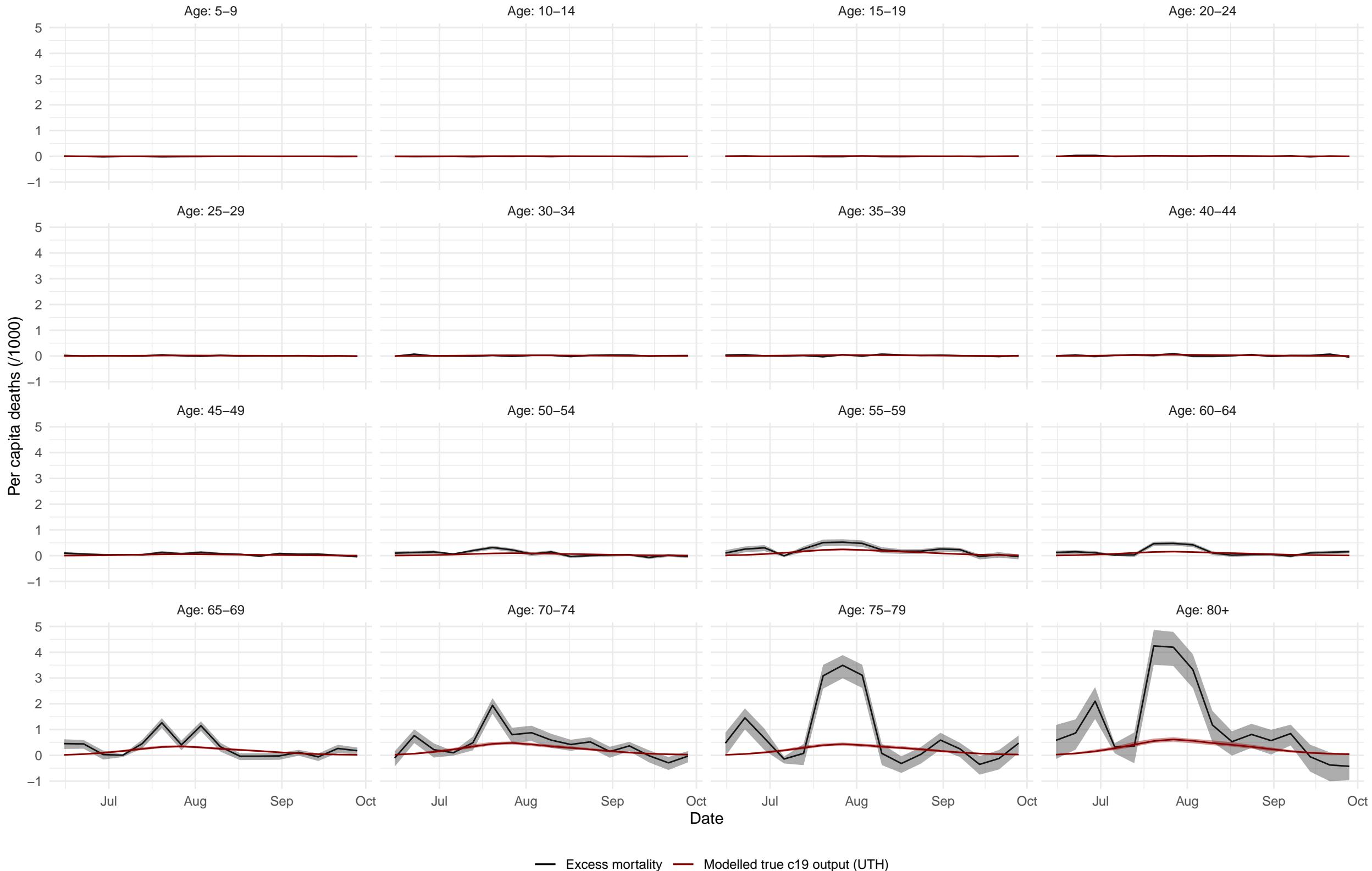
IFR x0.8, Slope x0.6
Lusaka weekly burial registrations



- Burial registrations
- Model fit
- Model fit (Lusaka)

IFR x 0.8, Slope x 0.6

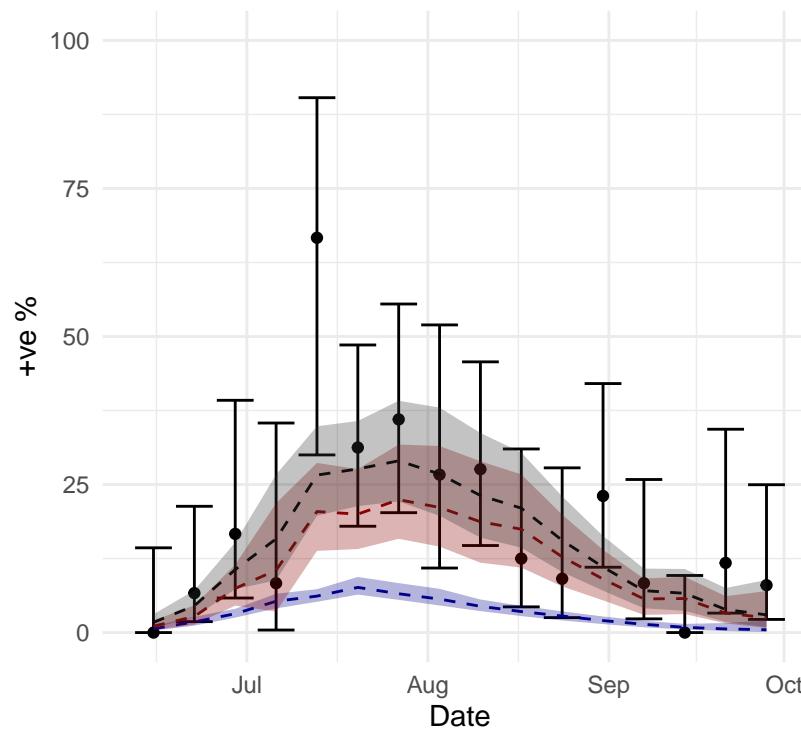
COVID-19 excess mortality: Comparison of MCMC results with squire results



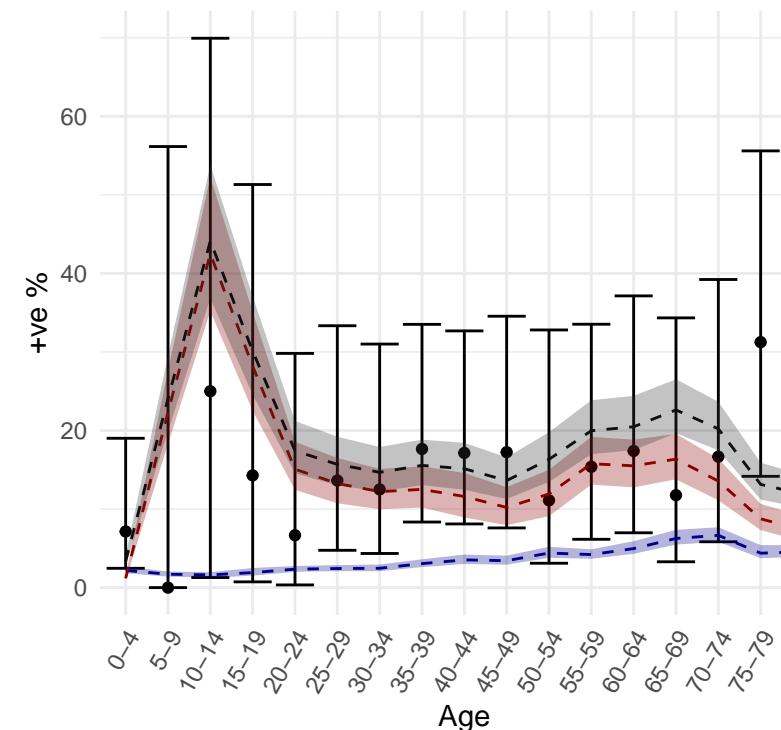
IFR x 1, Slope x 0.6

Post-mortem weekly PCR prev.

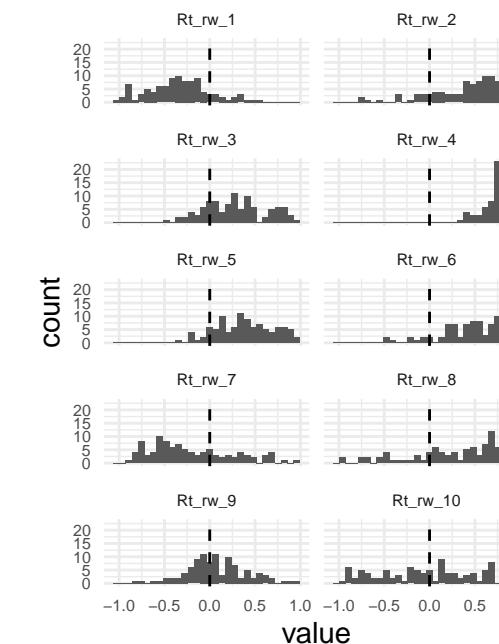
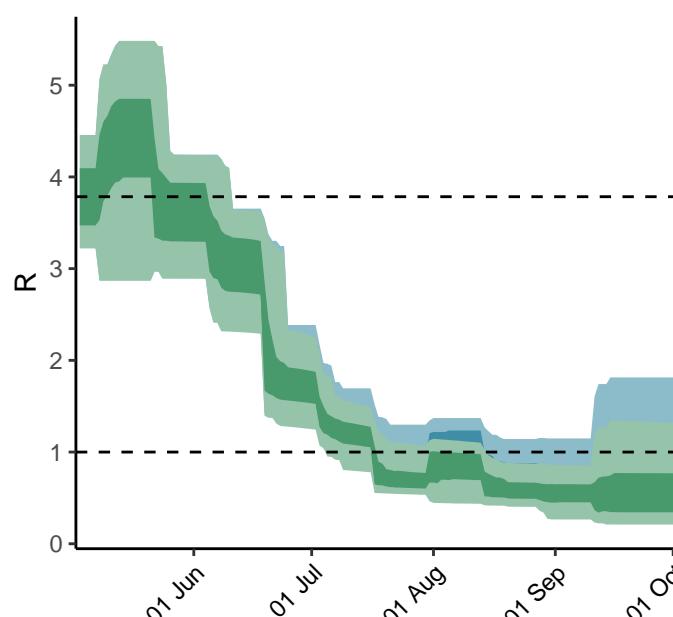
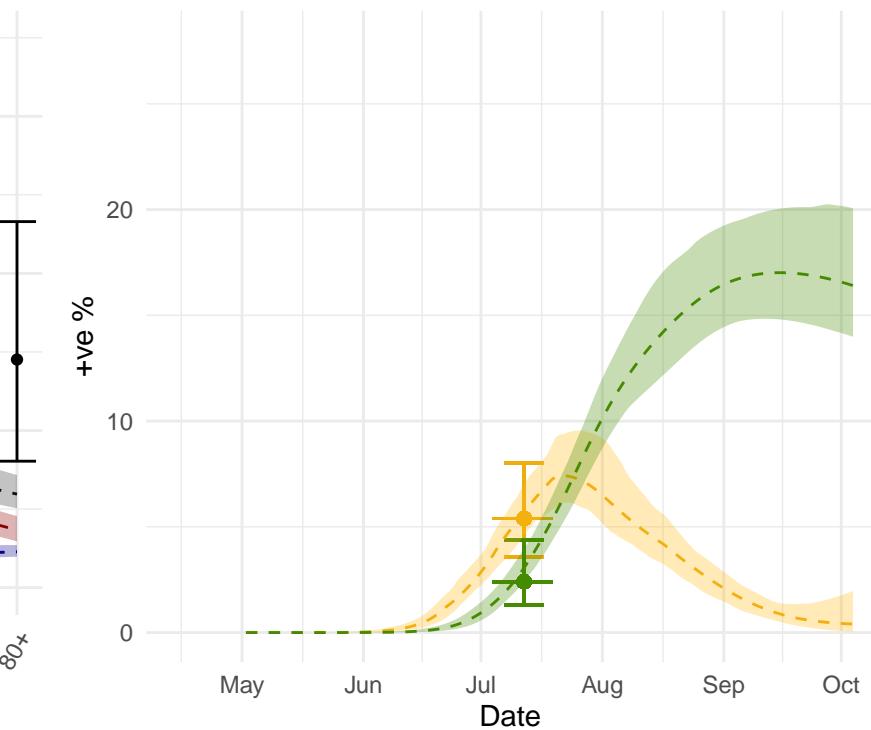
UTH mortuary



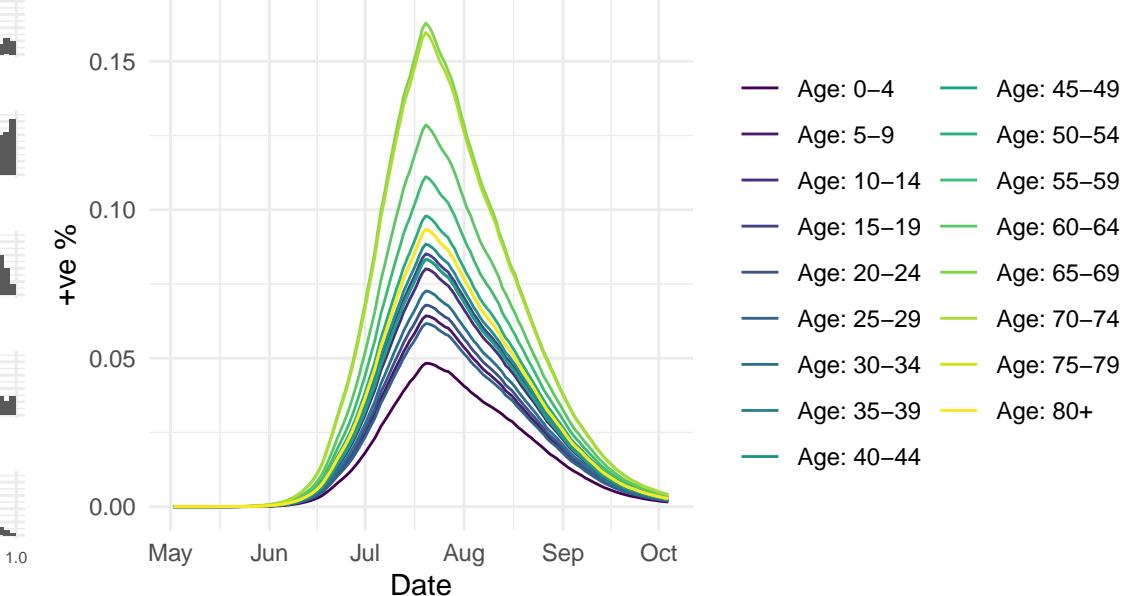
Post-mortem PCR prev. by age
UTH mortuary



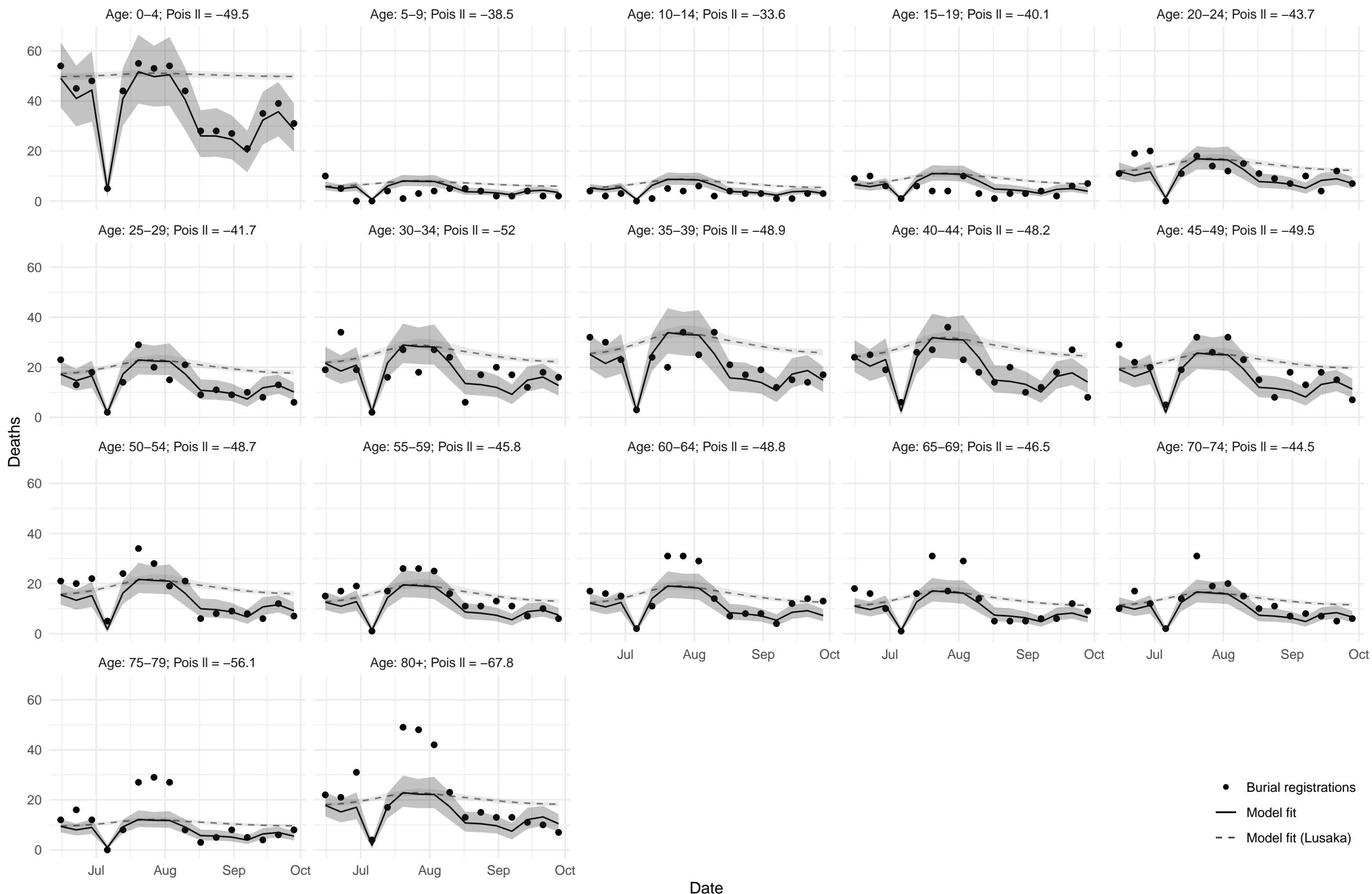
Population prevalence
Lusaka



Modelled PCR %

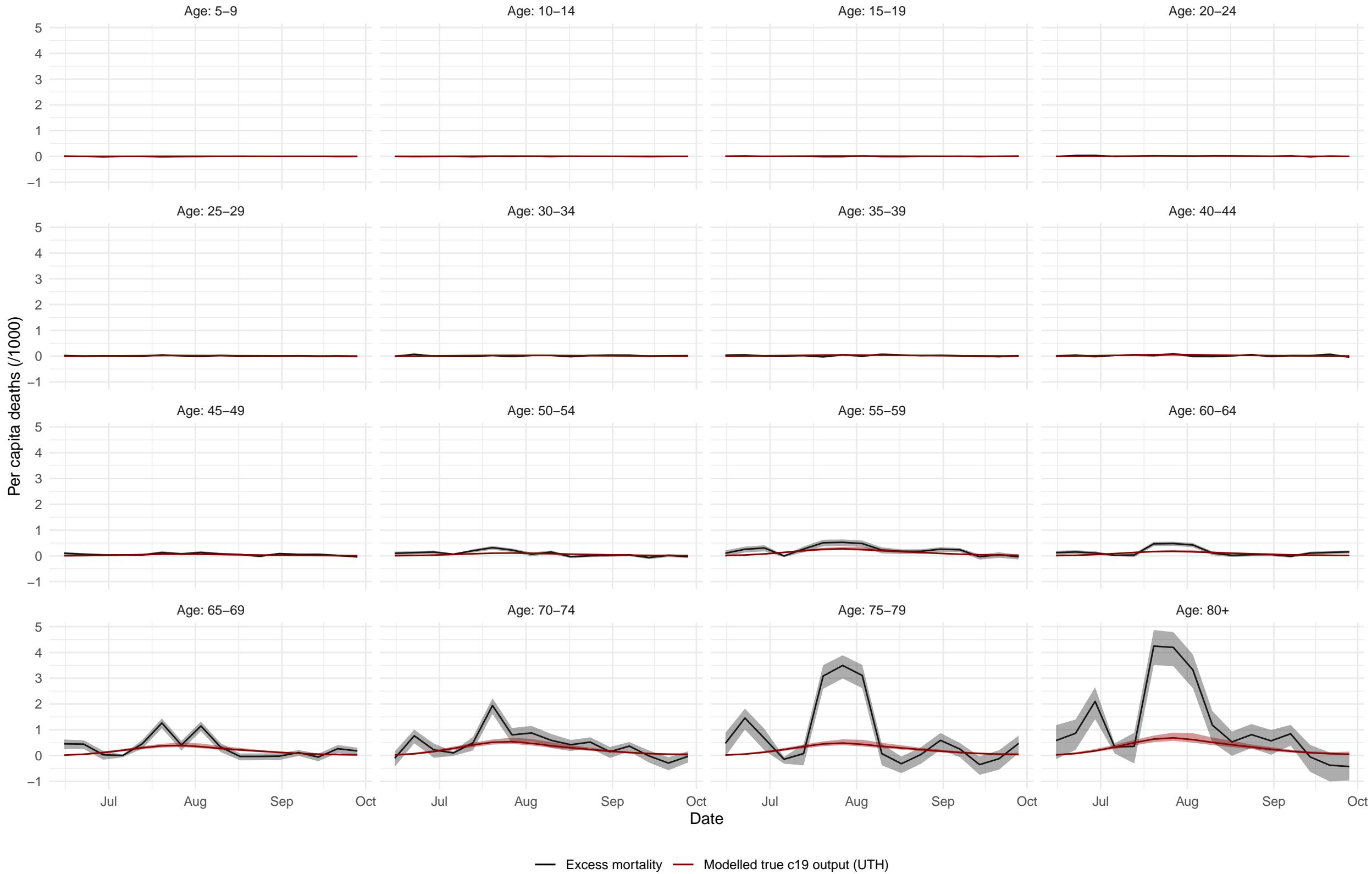


IFR x1, Slope x0.6
Lusaka weekly burial registrations

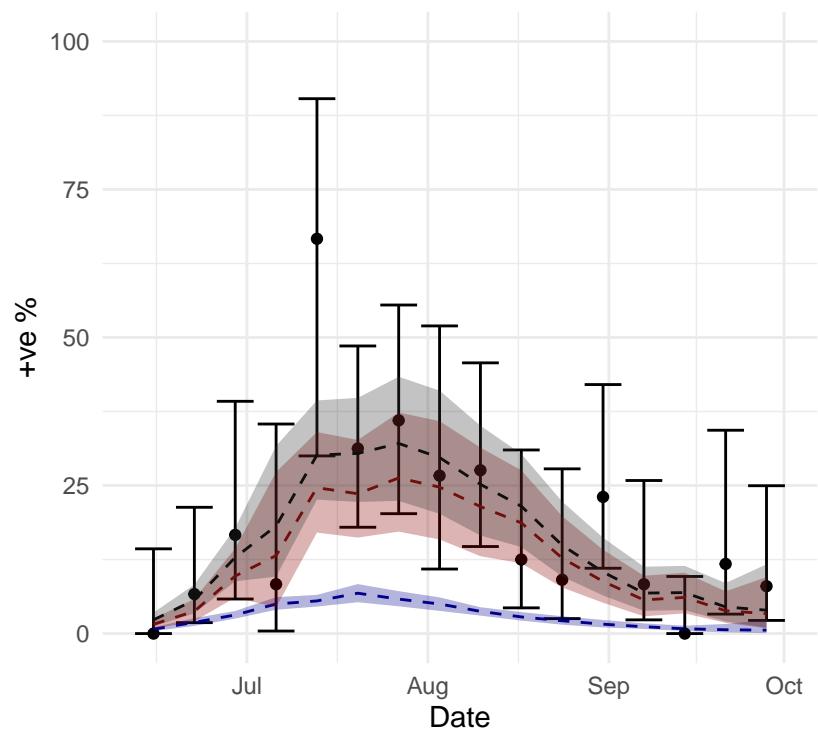


IFR x 1, Slope x 0.6

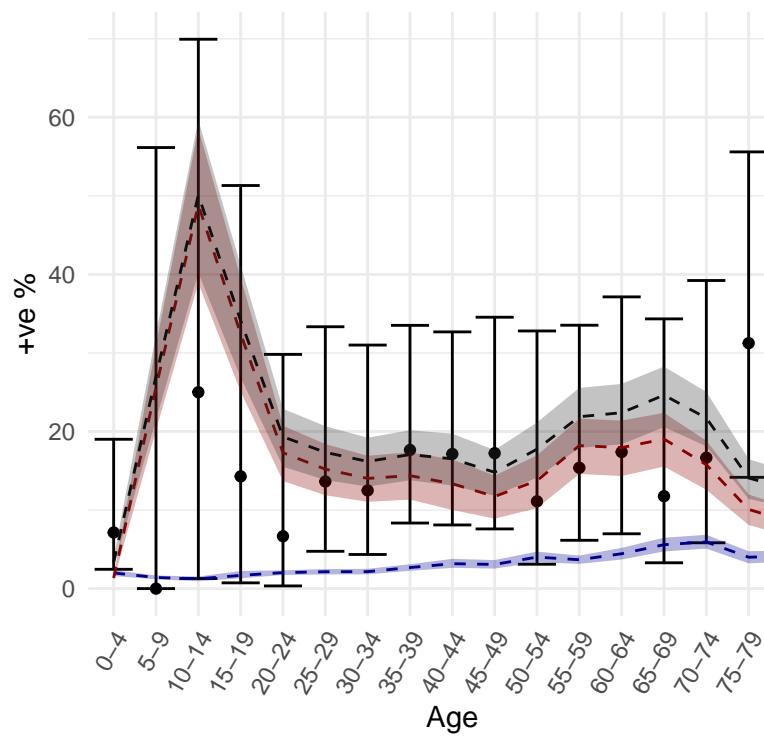
COVID-19 excess mortality: Comparison of MCMC results with squire results



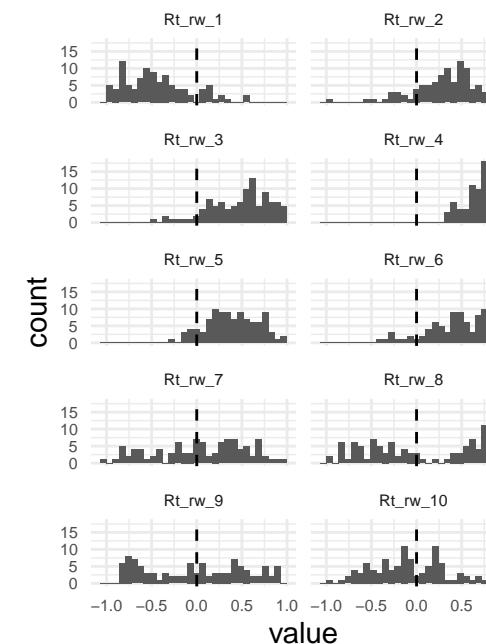
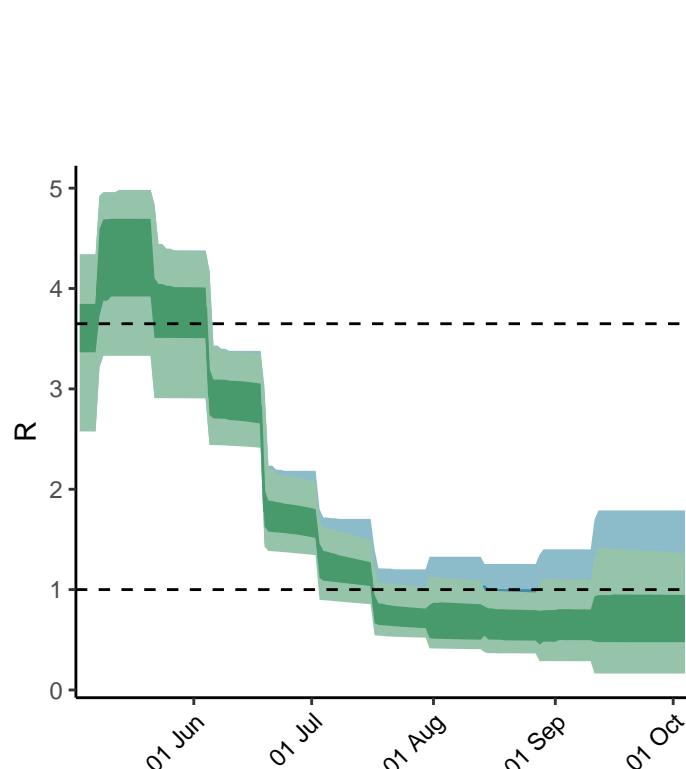
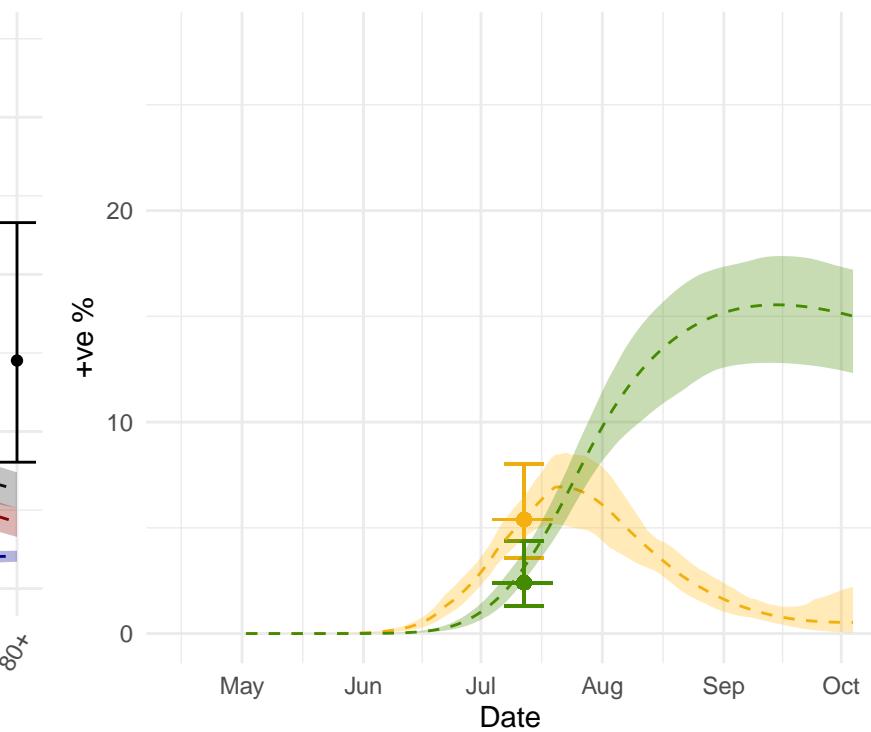
IFR x 1.25, Slope x 0.6
Post-mortem weekly PCR prev.
UTH mortuary



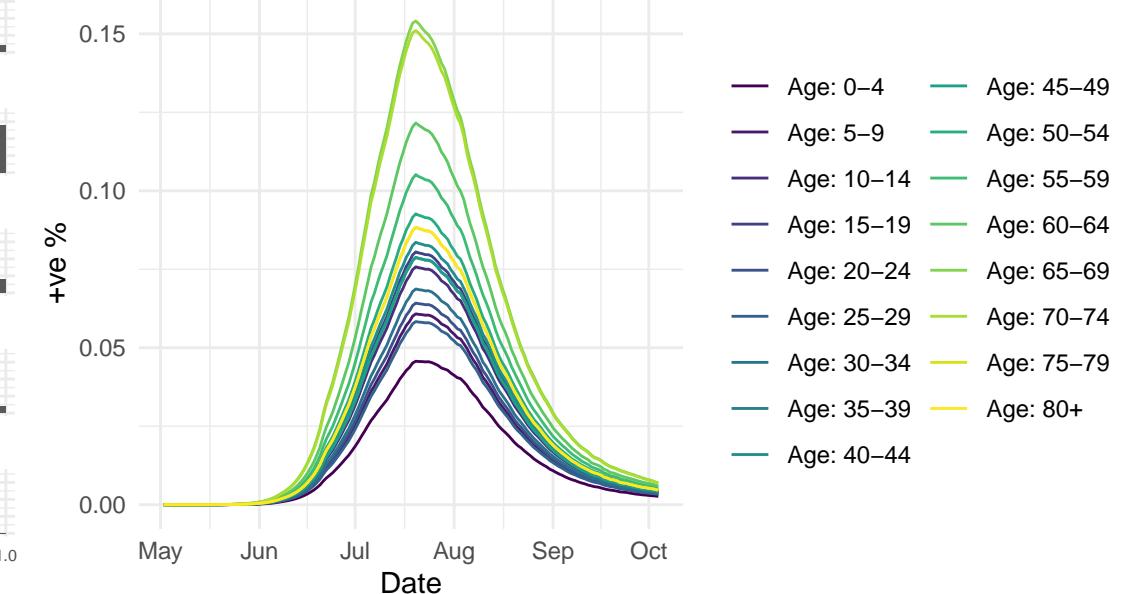
Post-mortem PCR prev. by age
UTH mortuary



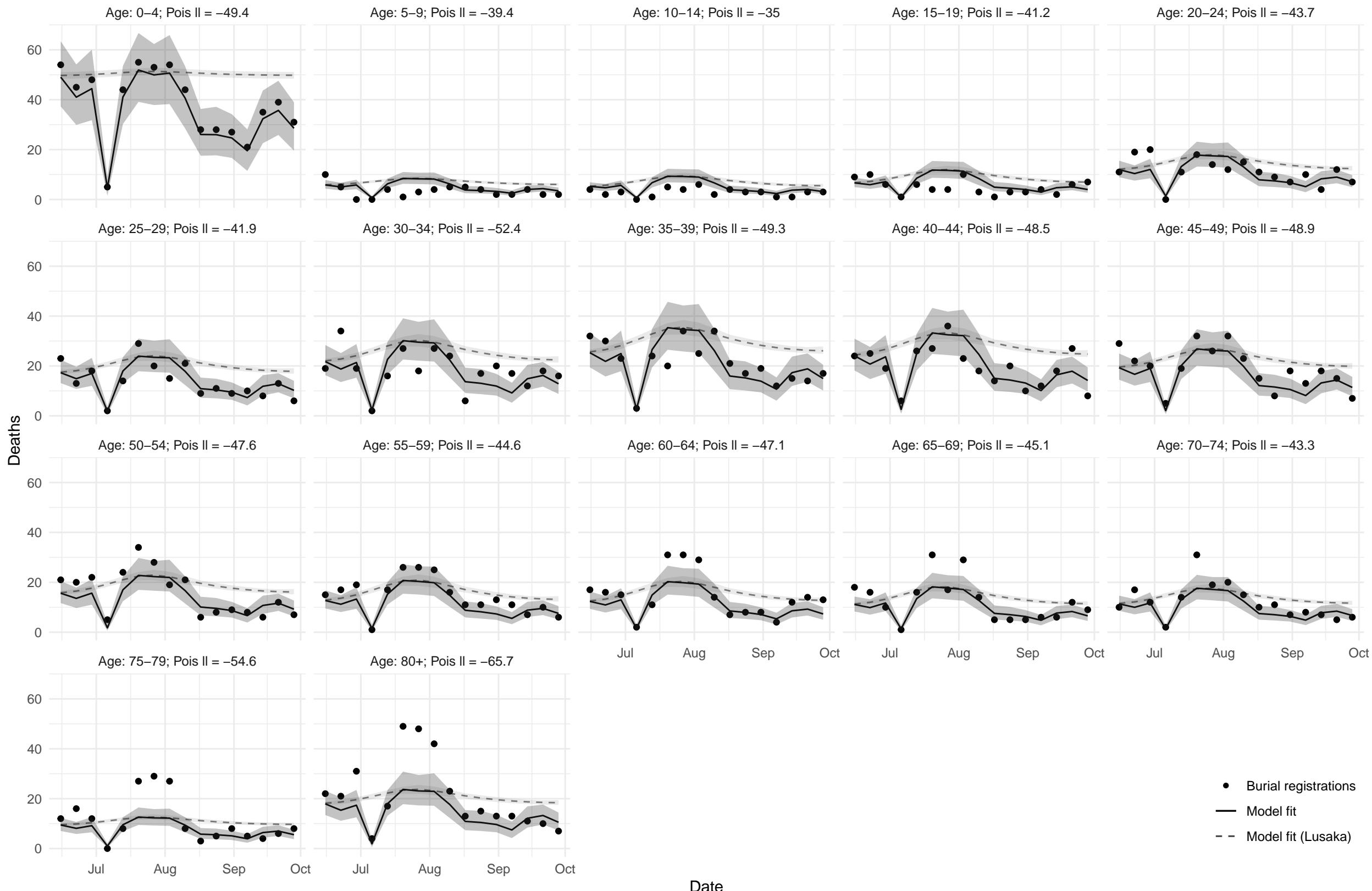
Population prevalence
Lusaka



Modelled PCR %

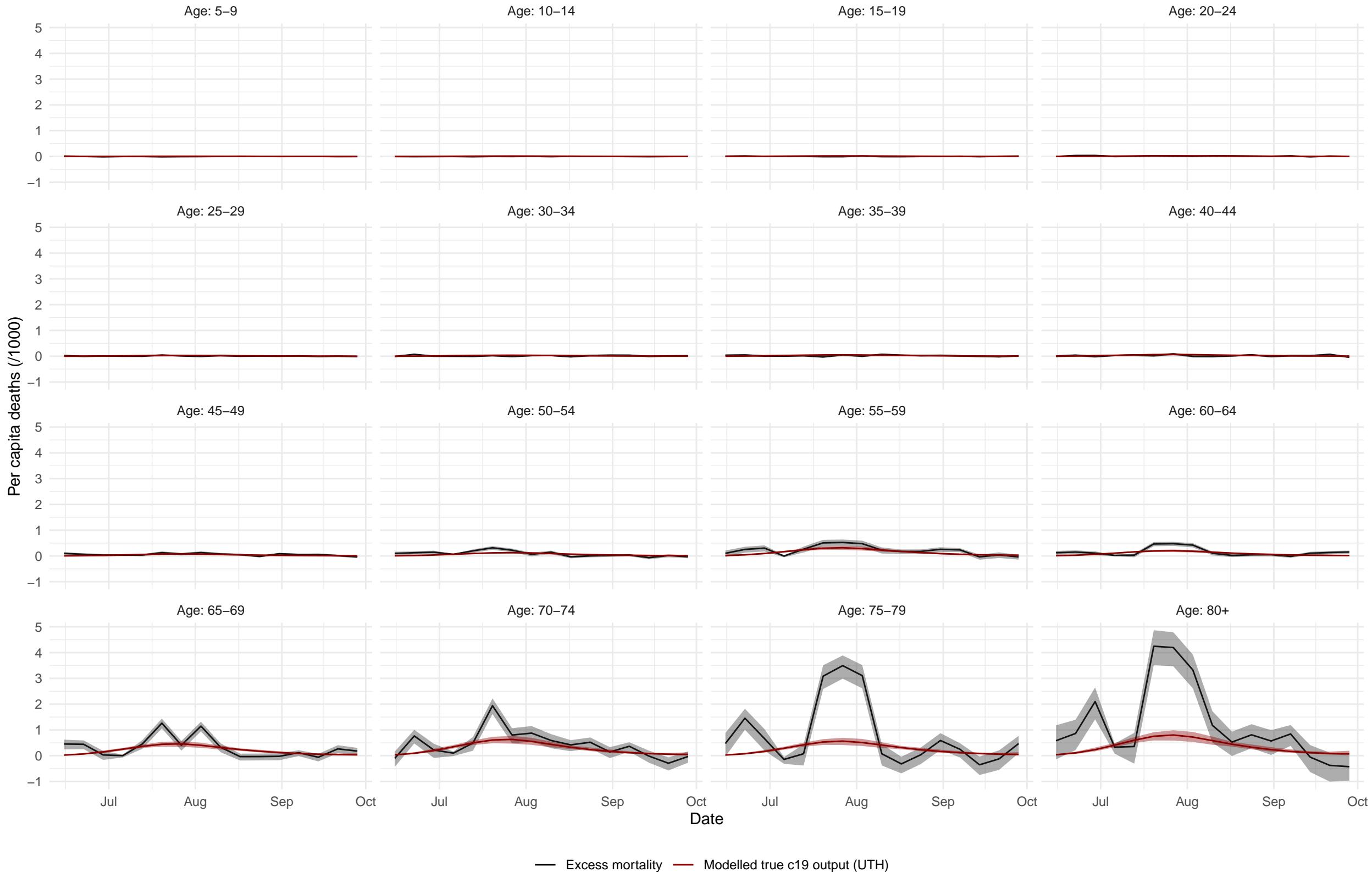


IFR x1.25, Slope x0.6
Lusaka weekly burial registrations



IFR x 1.25, Slope x 0.6

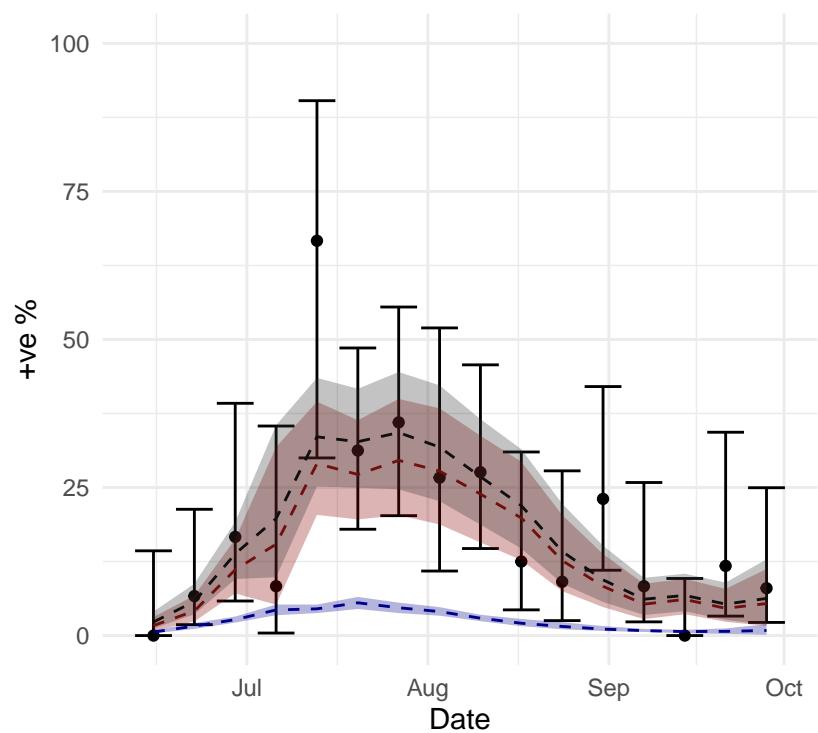
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 1.67, Slope x 0.6

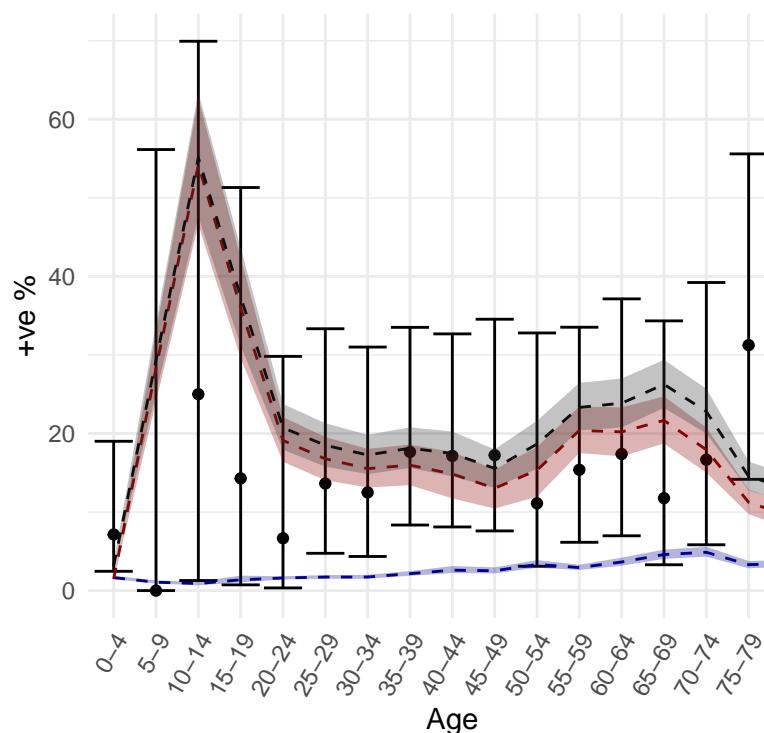
Post-mortem weekly PCR prev.

UTH mortuary



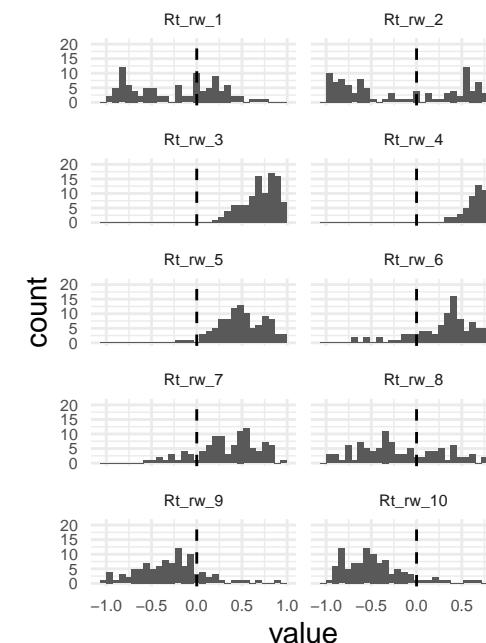
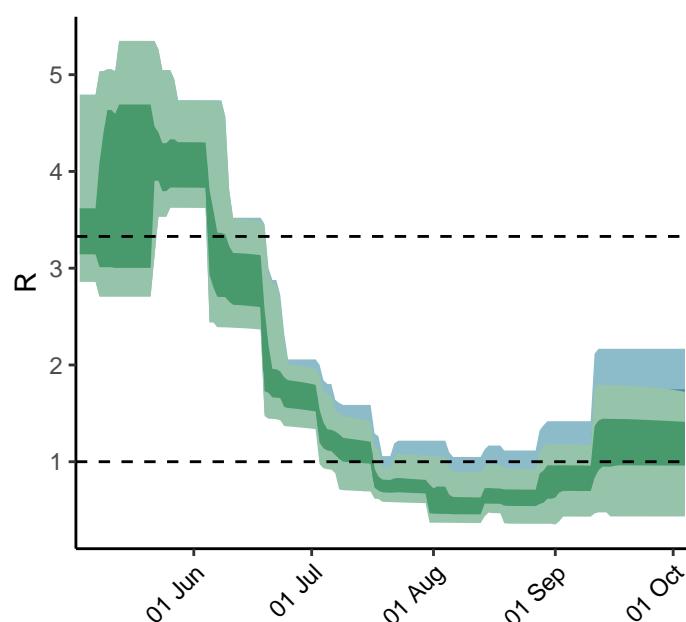
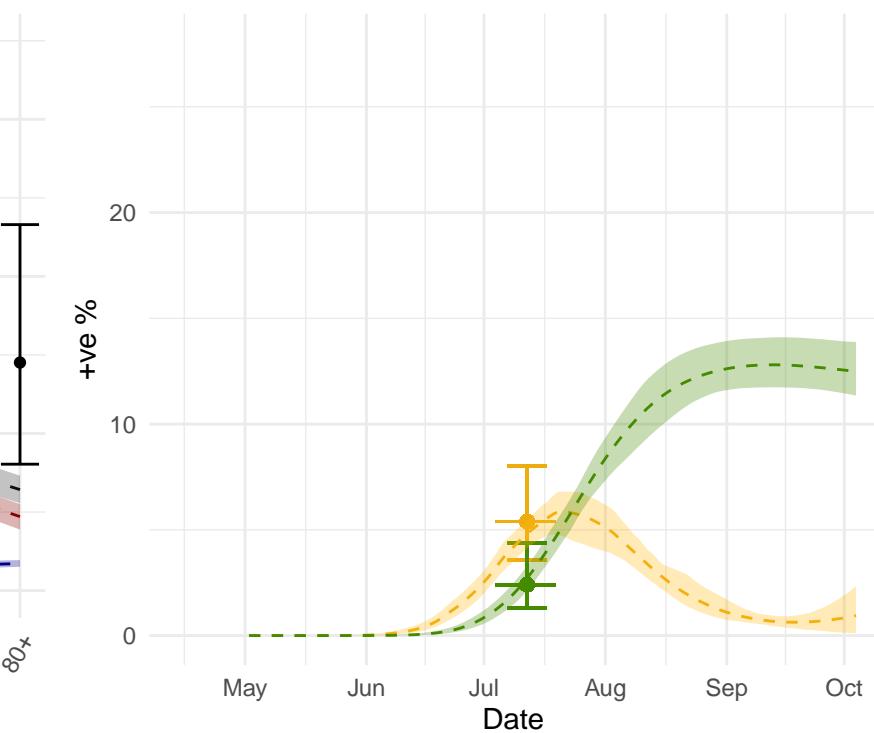
Post-mortem PCR prev. by age

UTH mortuary

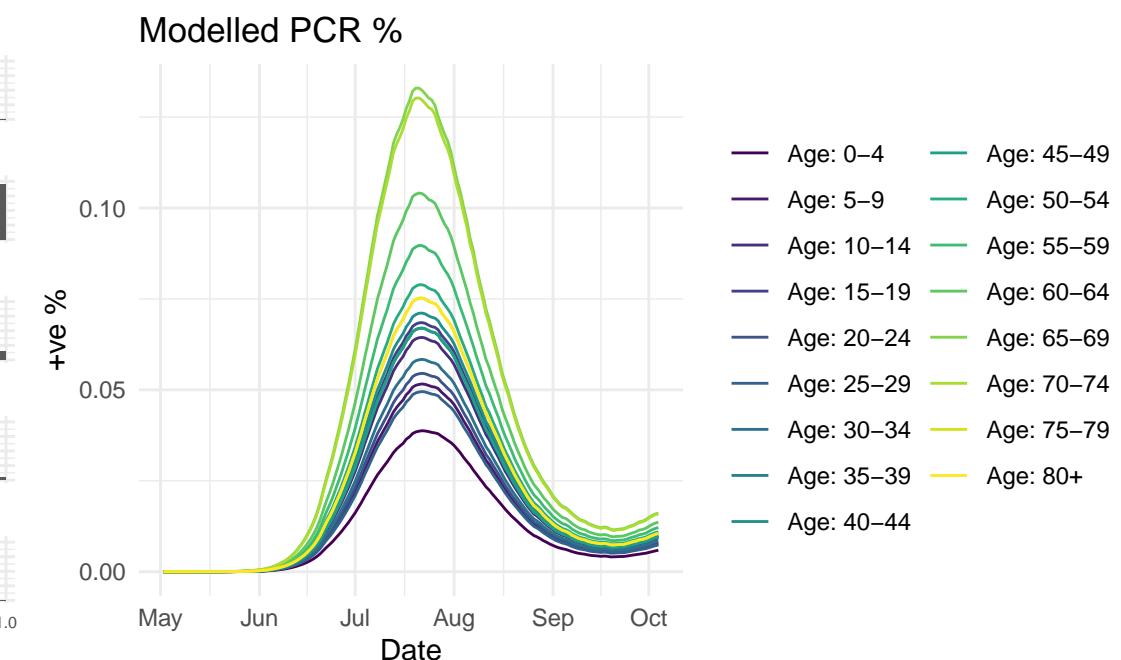


Population prevalence

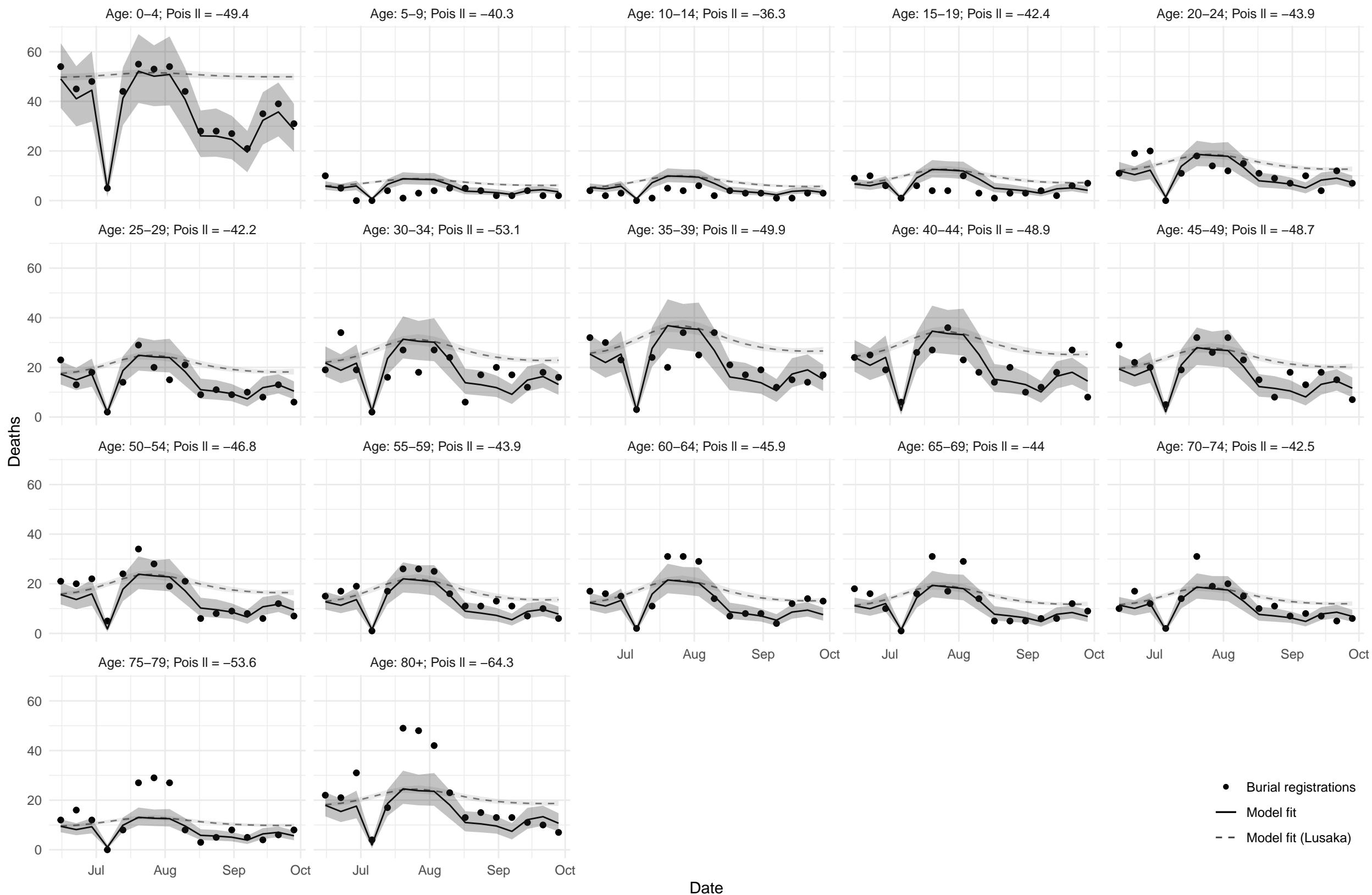
Lusaka



Modelled PCR %

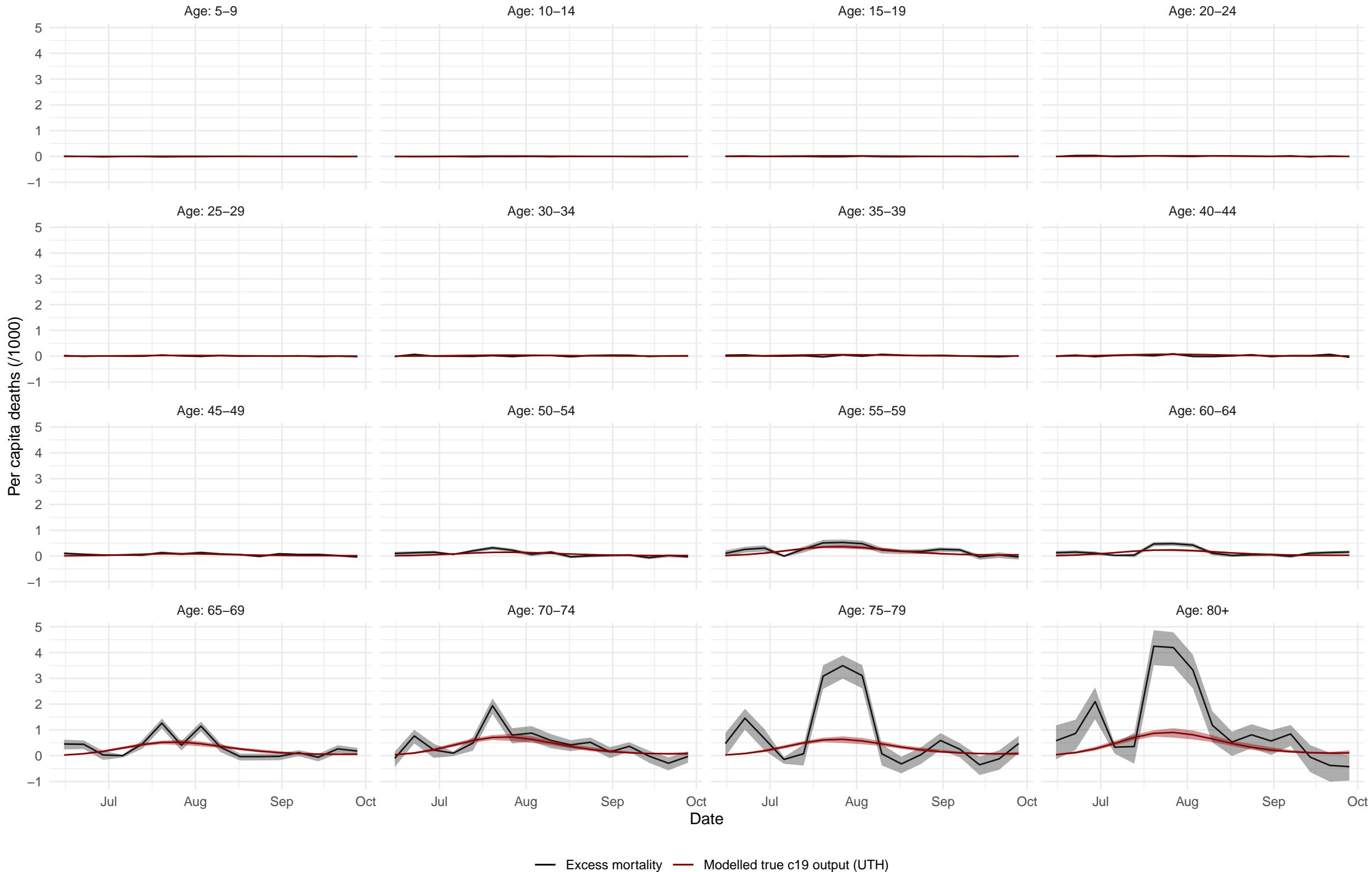


IFR x1.67, Slope x0.6
Lusaka weekly burial registrations



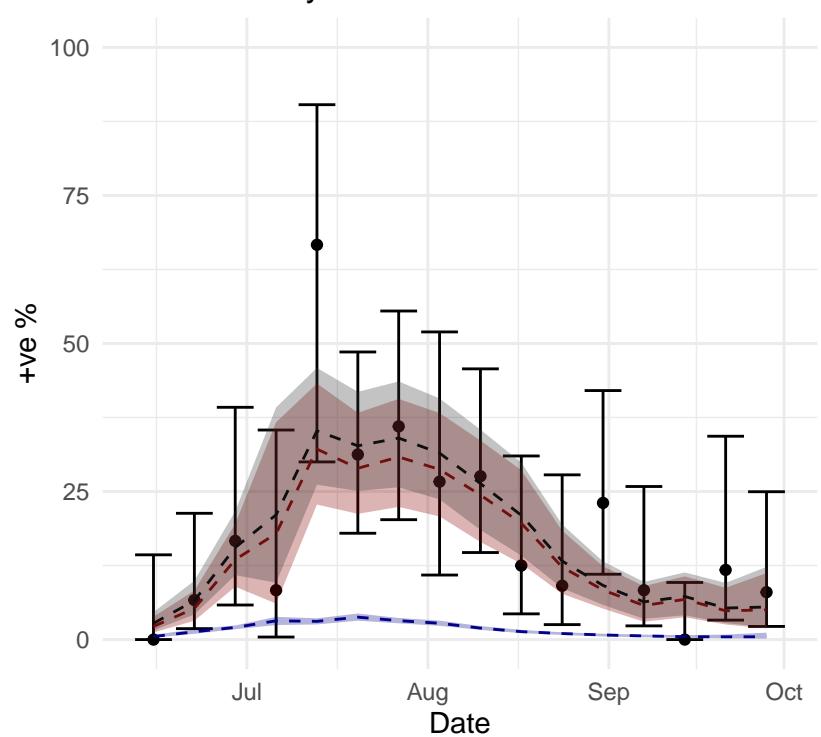
IFR x 1.67, Slope x 0.6

COVID-19 excess mortality: Comparison of MCMC results with squire results

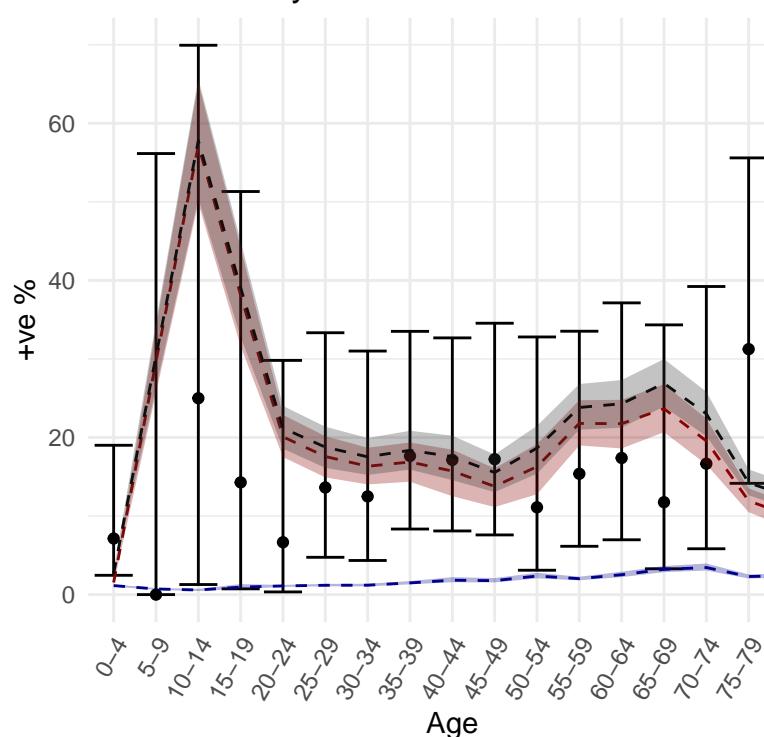


IFR x 2.5, Slope x 0.6

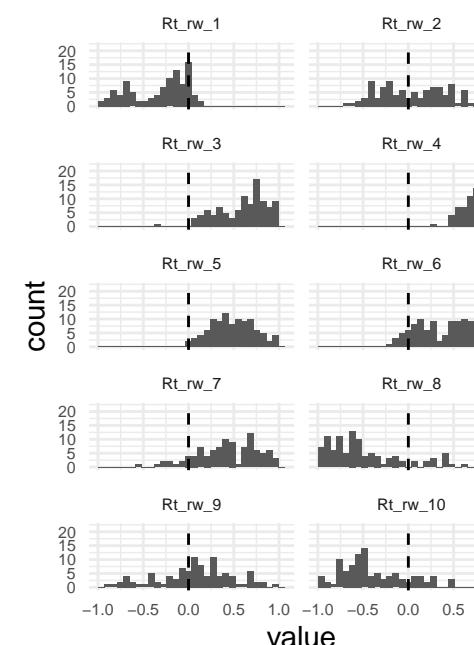
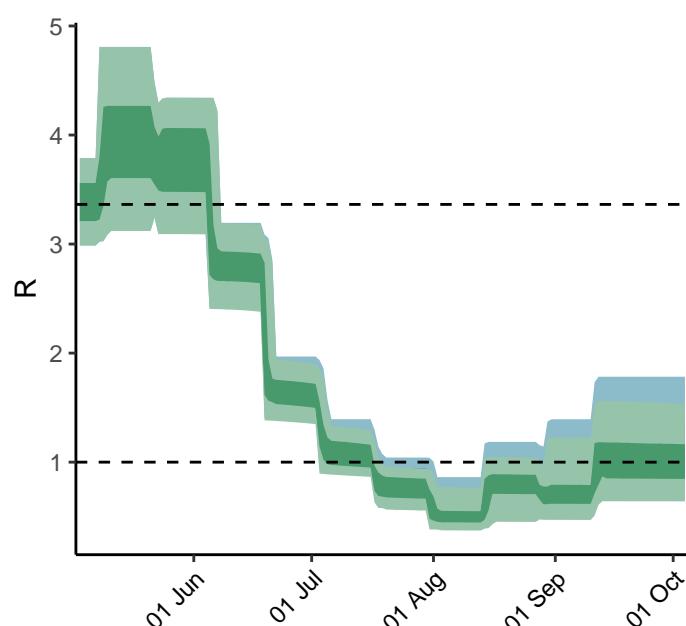
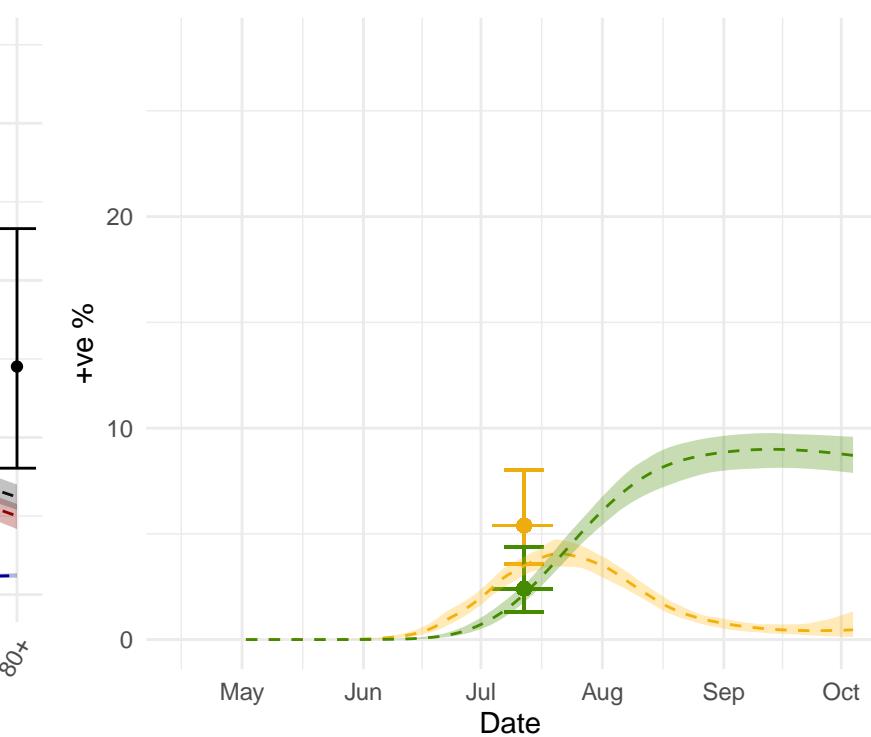
Post-mortem weekly PCR prev.
UTH mortuary



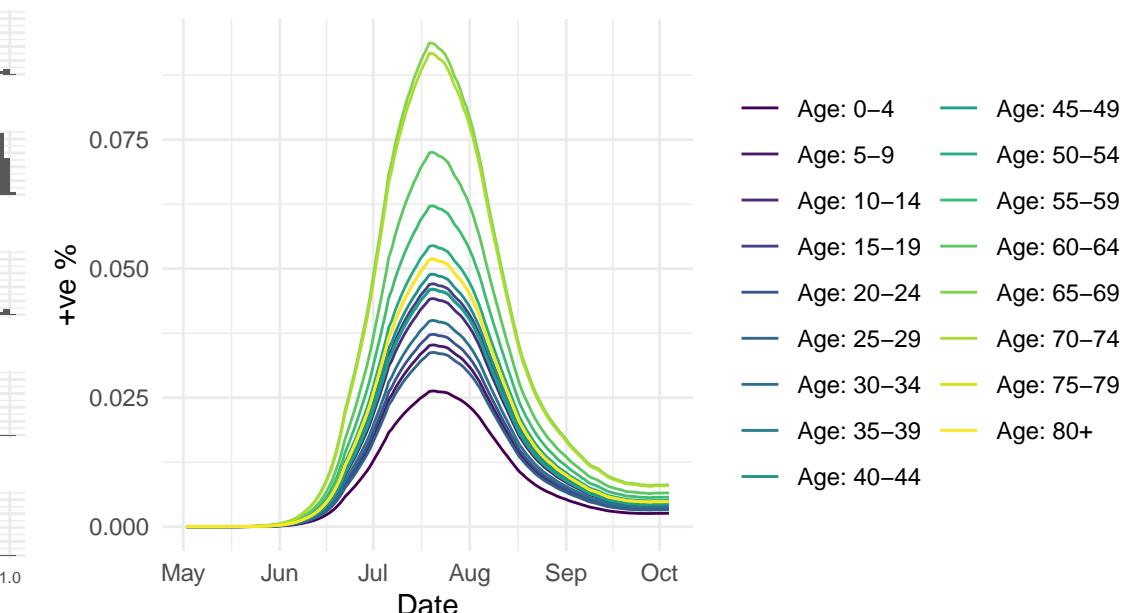
Post-mortem PCR prev. by age
UTH mortuary



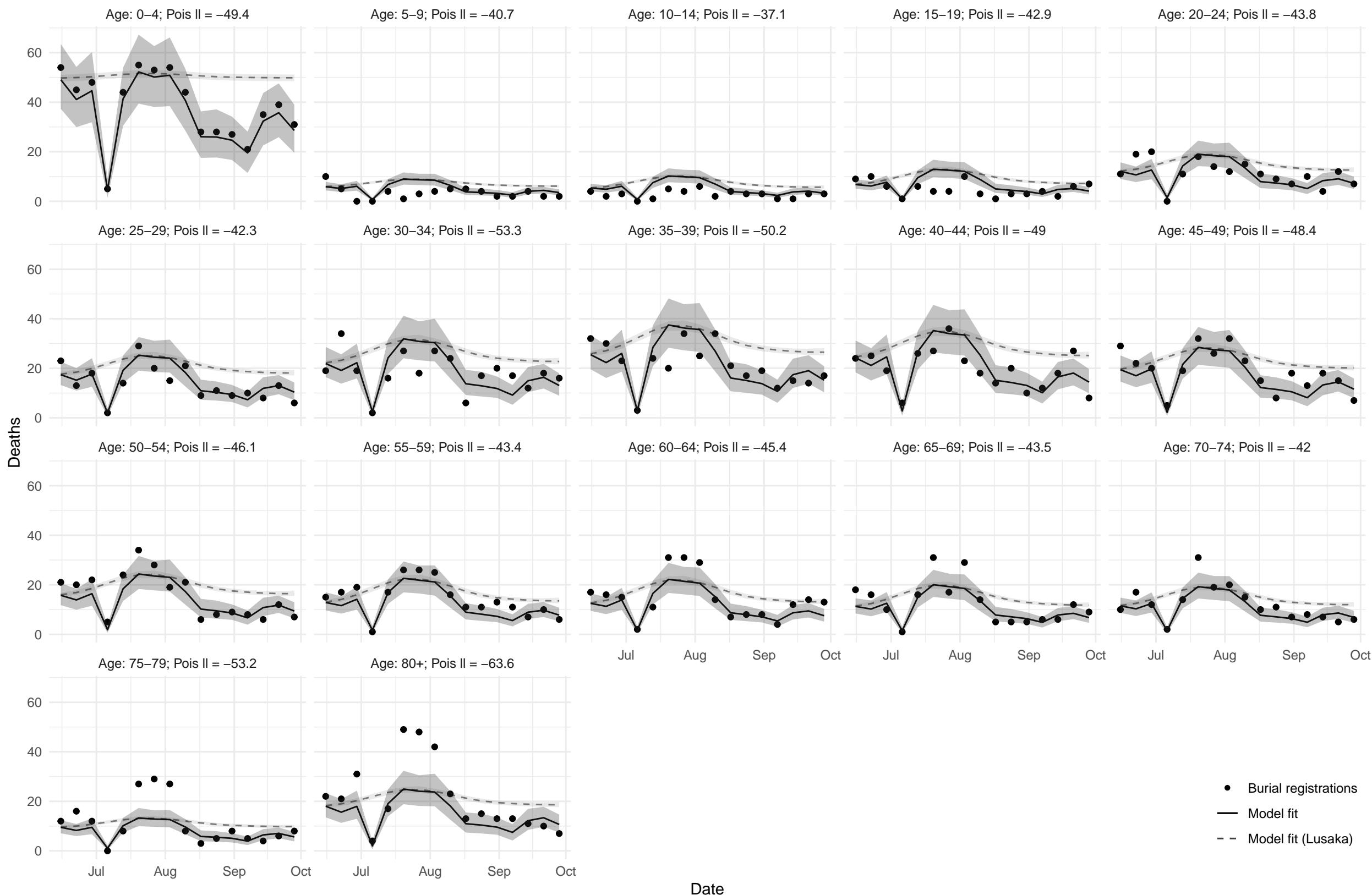
Population prevalence
Lusaka



Modelled PCR %

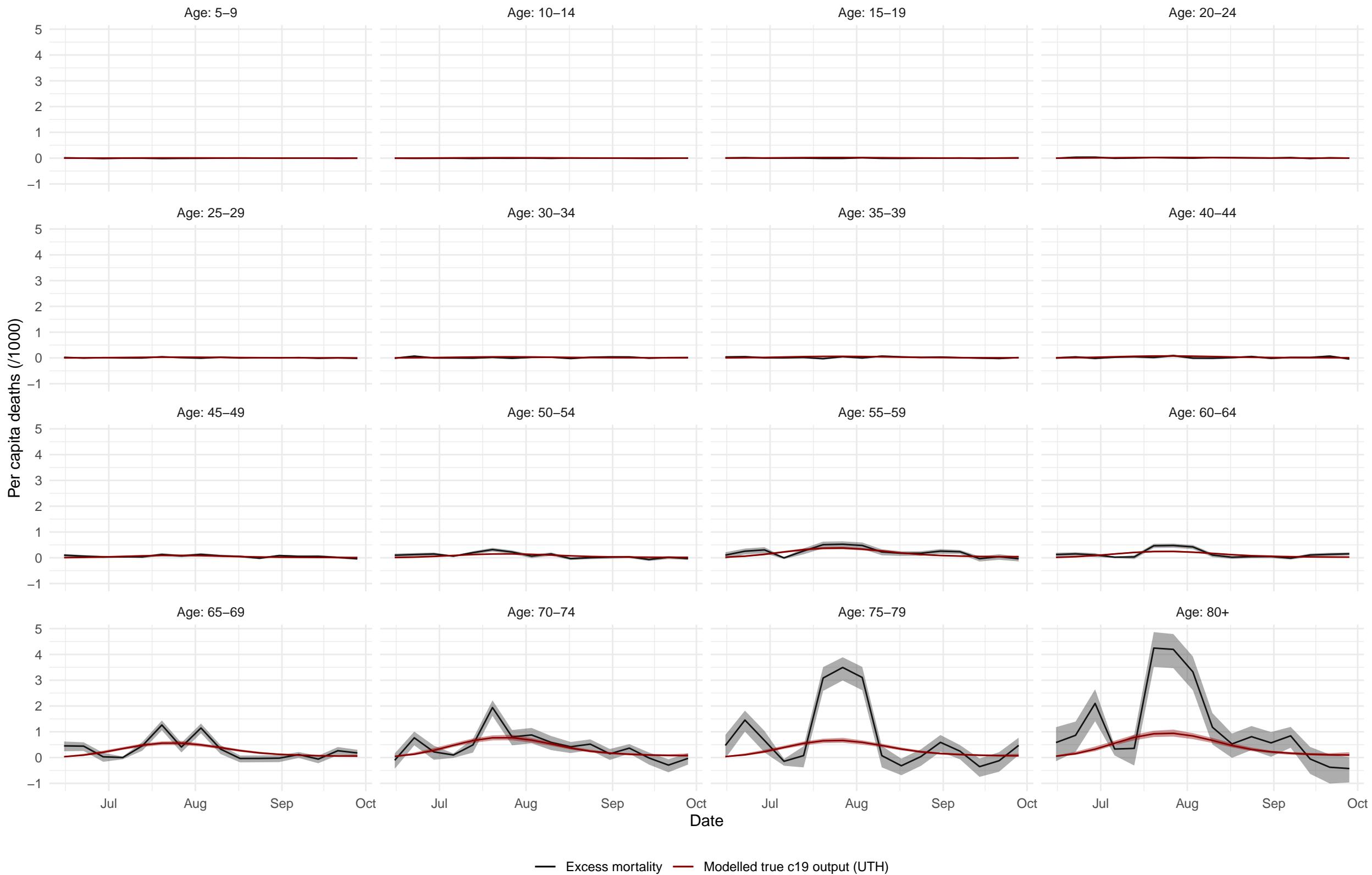


IFR x2.5, Slope x0.6
Lusaka weekly burial registrations



IFR x 2.5, Slope x 0.6

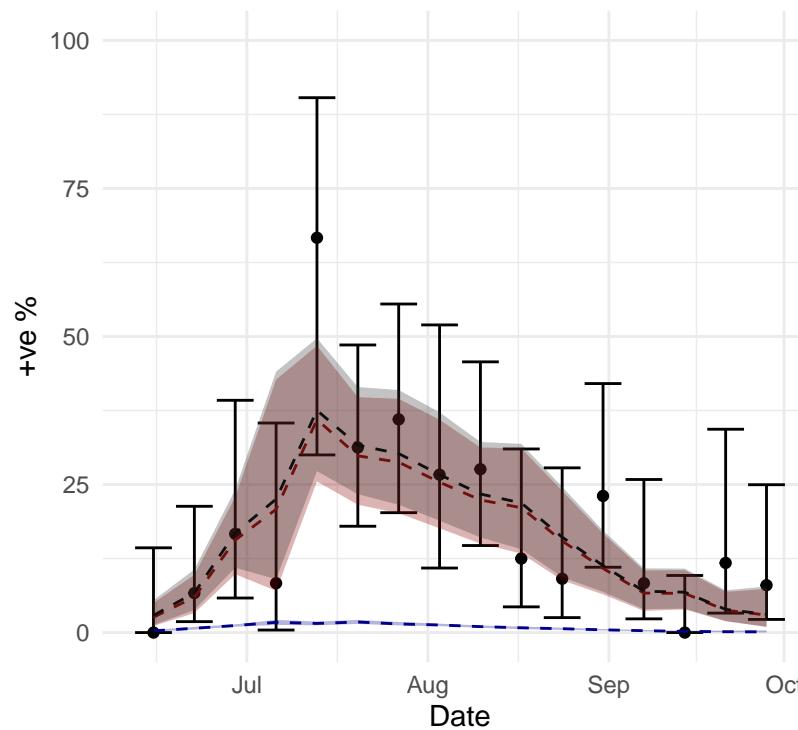
COVID-19 excess mortality: Comparison of MCMC results with squire results



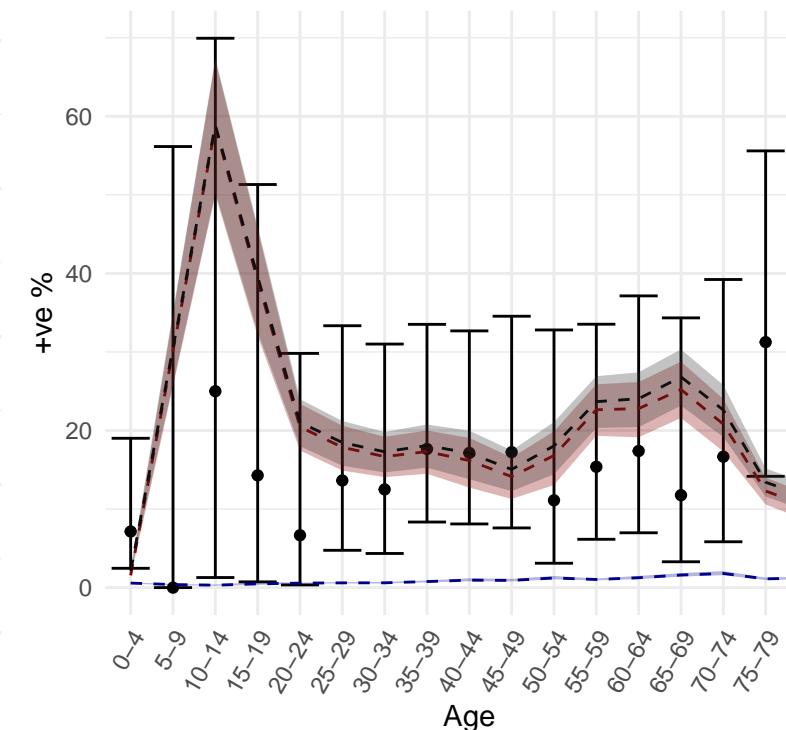
IFR x 5, Slope x 0.6

Post-mortem weekly PCR prev.

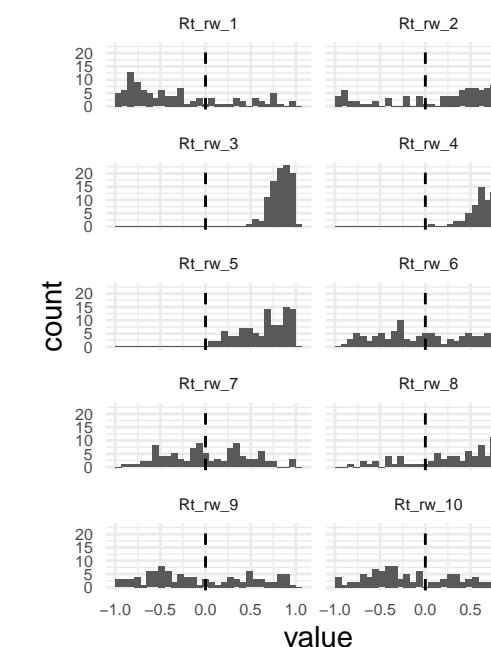
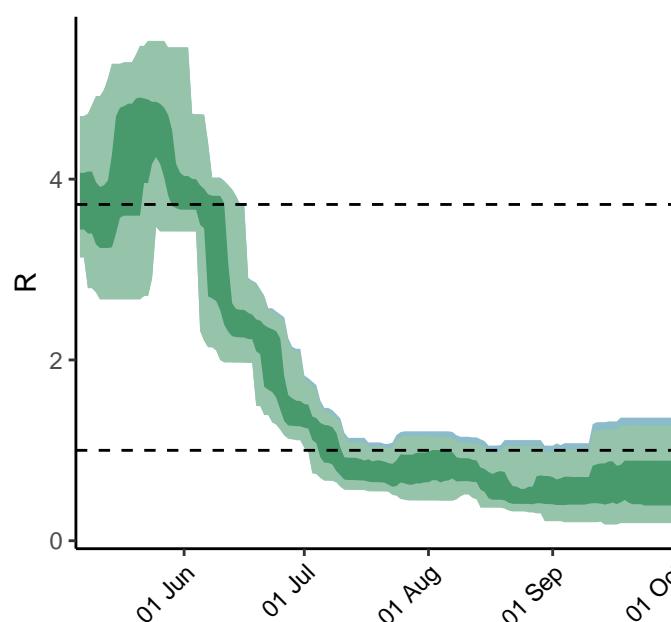
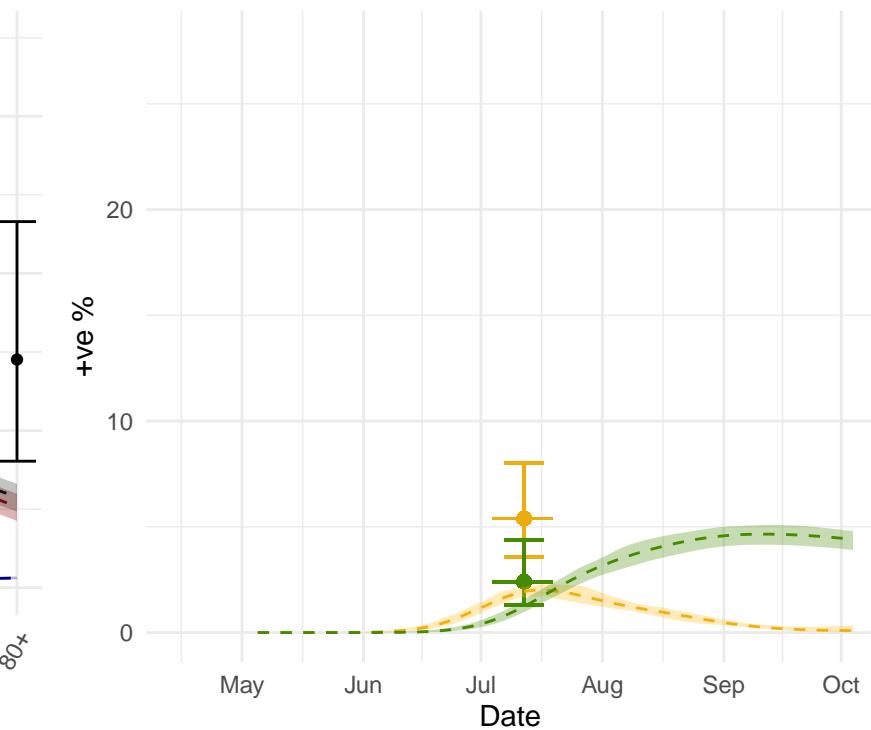
UTH mortuary



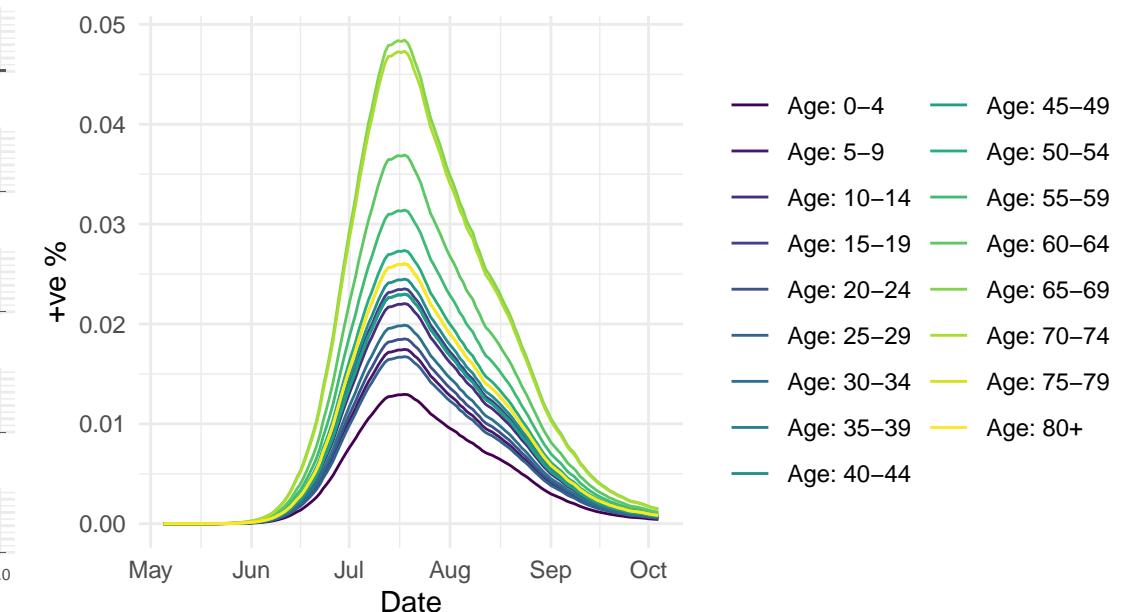
Post-mortem PCR prev. by age
UTH mortuary



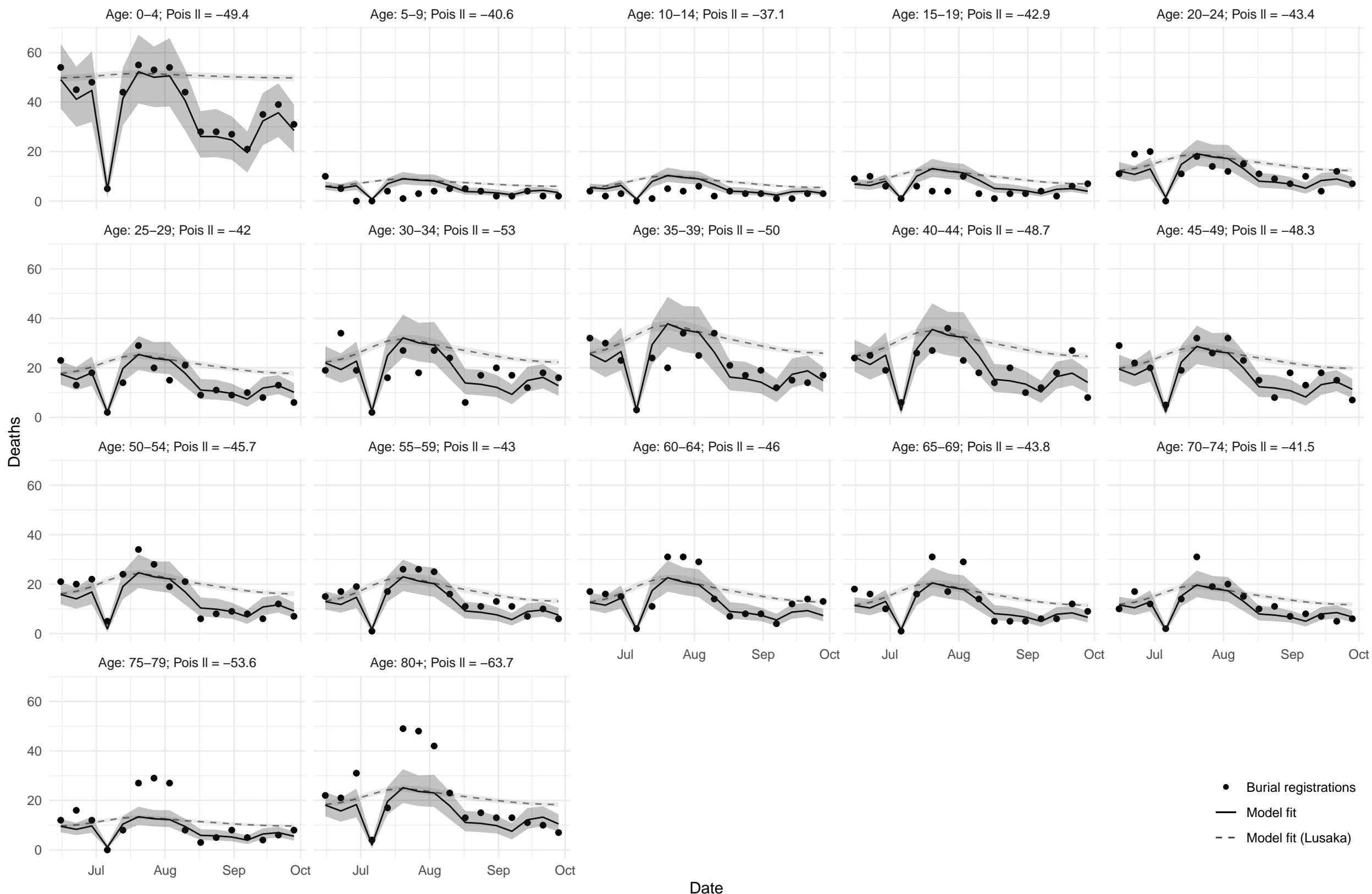
Population prevalence
Lusaka



Modelled PCR %

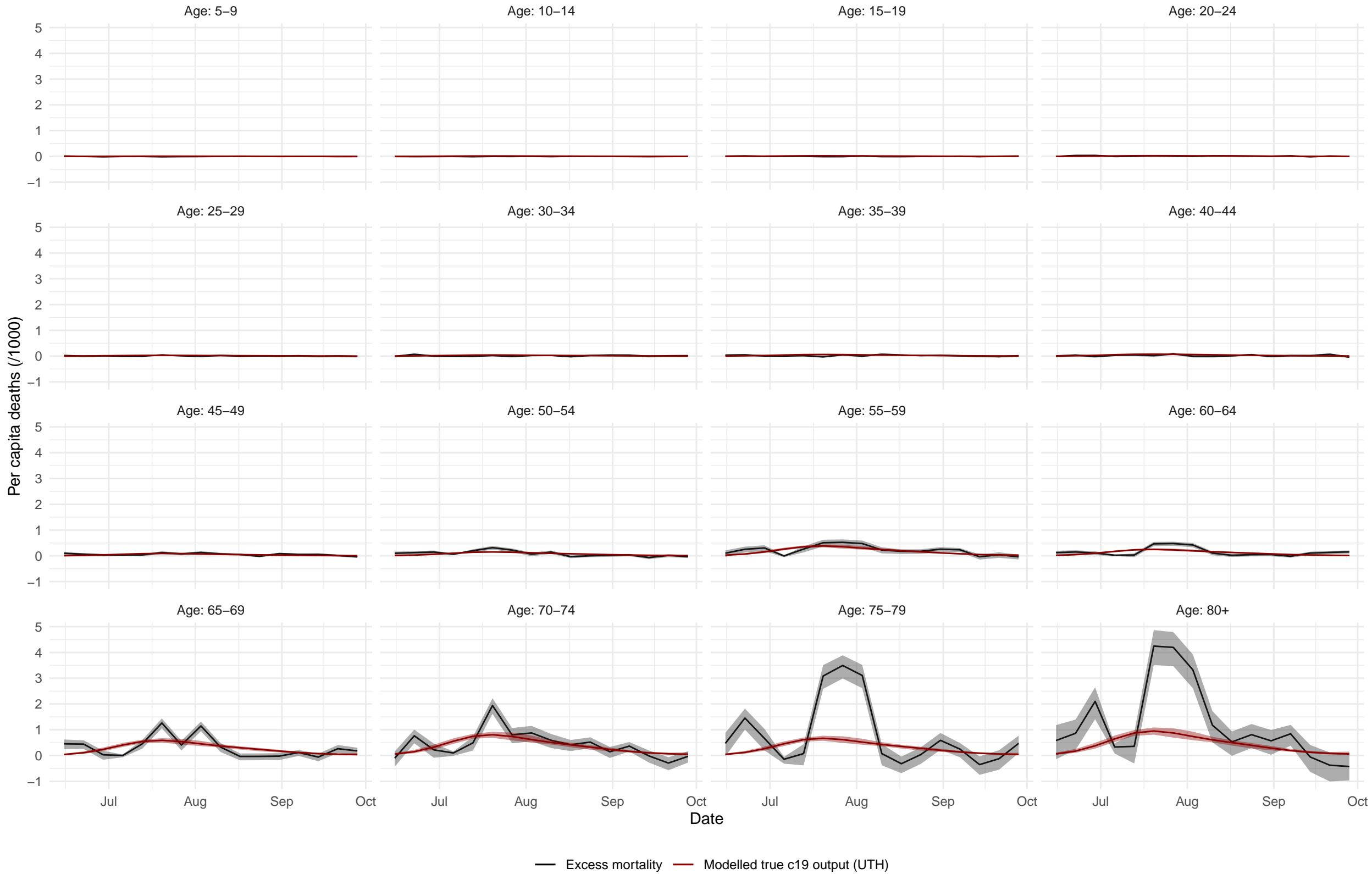


IFR x5, Slope x0.6
Lusaka weekly burial registrations



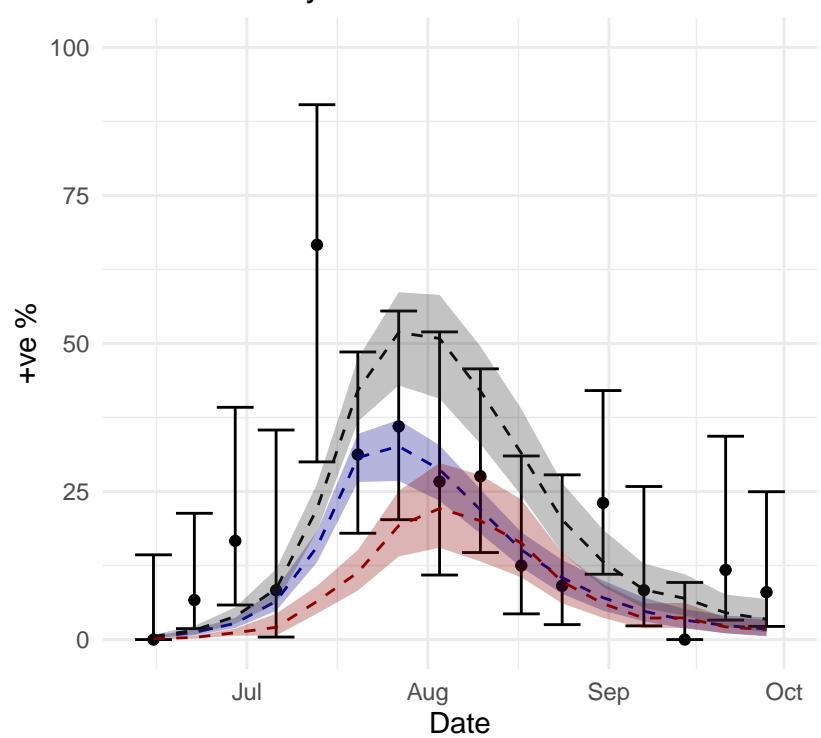
IFR x 5, Slope x 0.6

COVID-19 excess mortality: Comparison of MCMC results with squire results

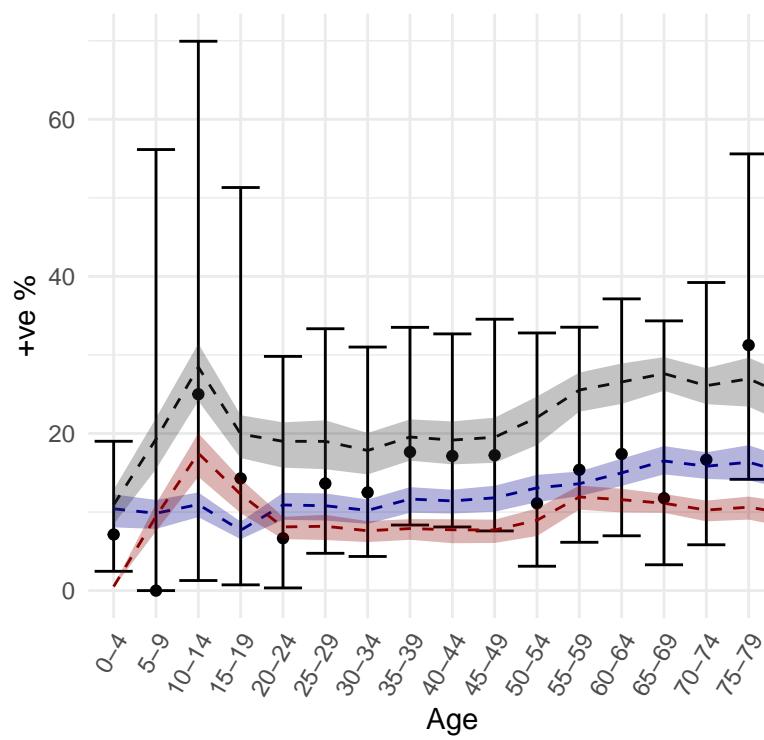


IFR x 0.2, Slope x 0.8

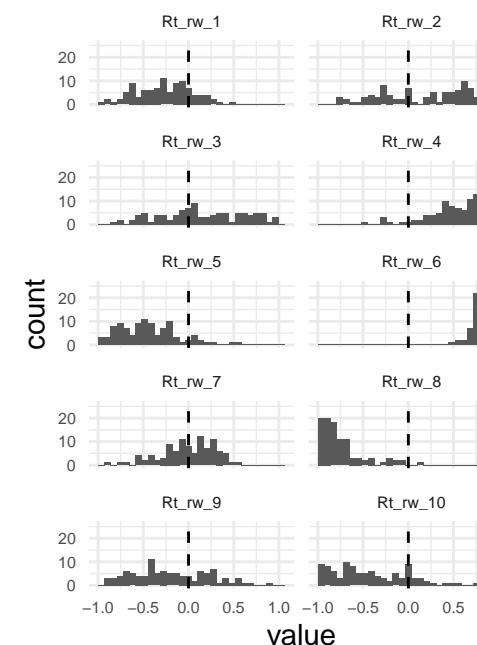
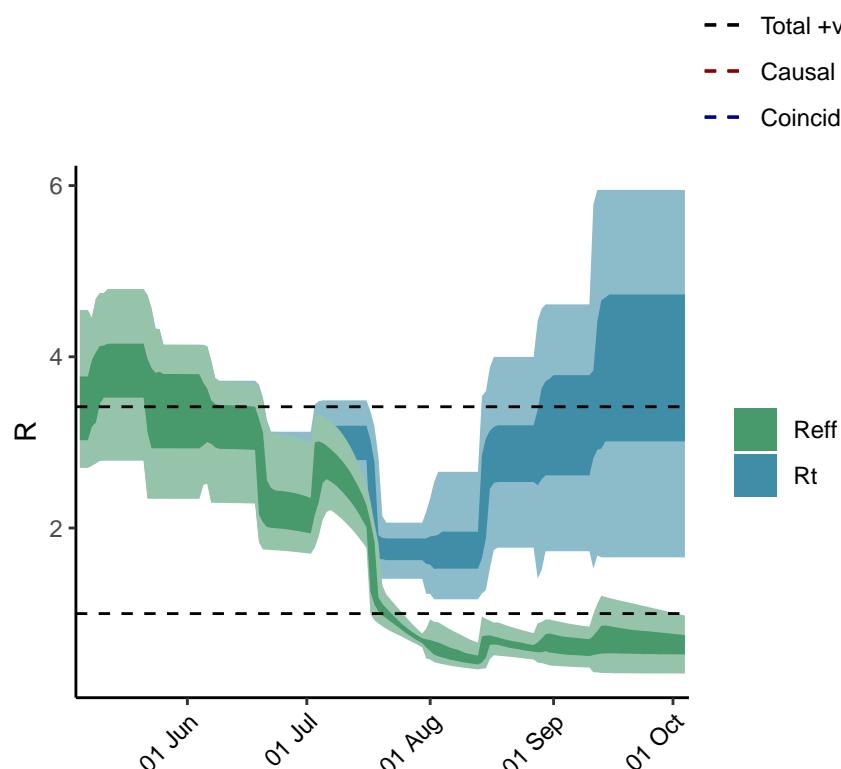
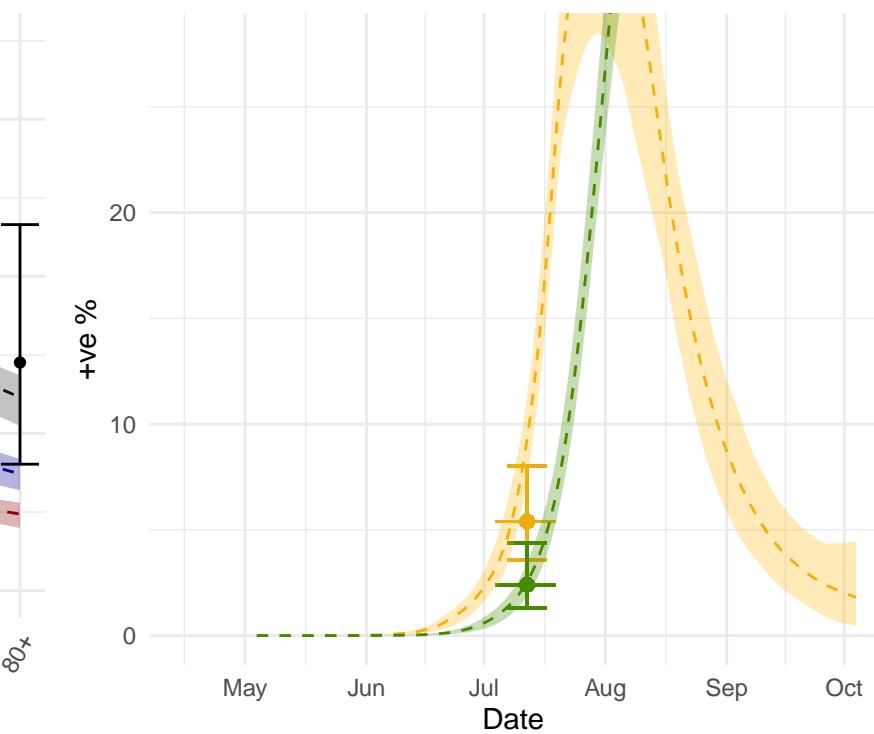
Post-mortem weekly PCR prev.
UTH mortuary



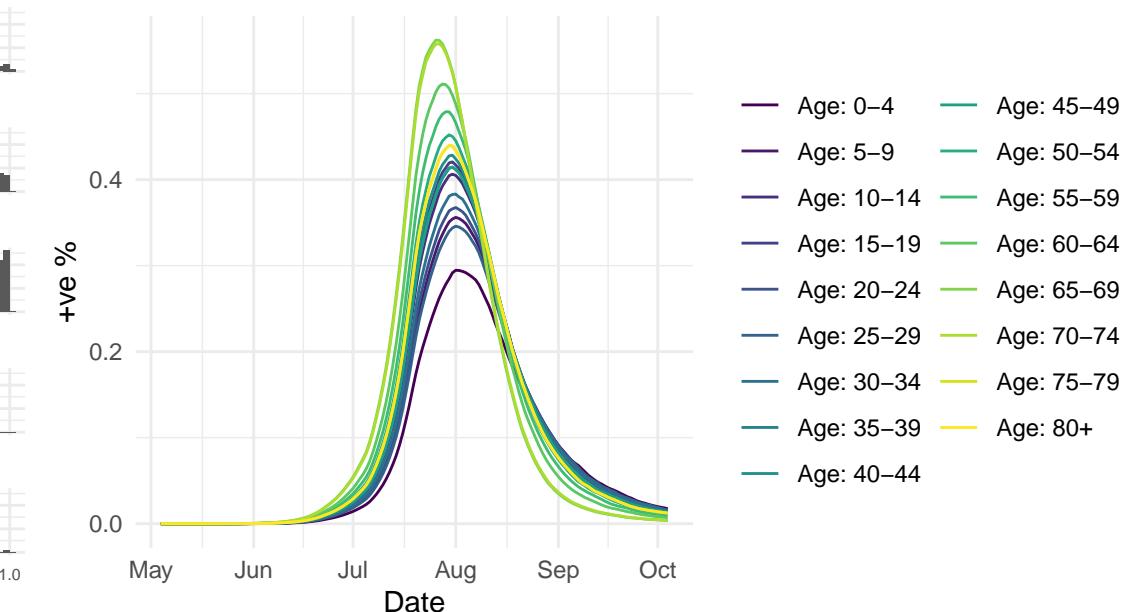
Post-mortem PCR prev. by age
UTH mortuary



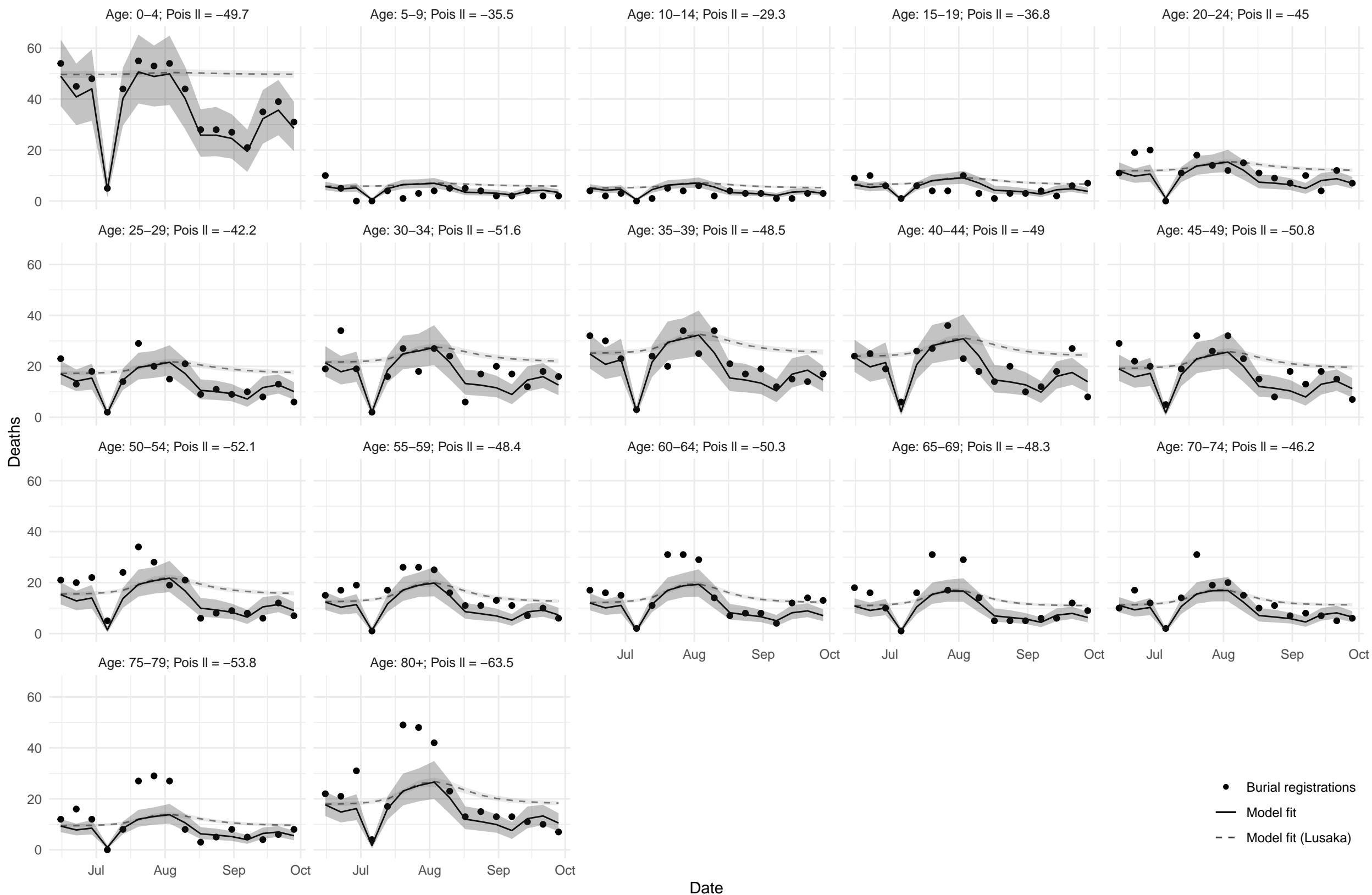
Population prevalence
Lusaka



Modelled PCR %

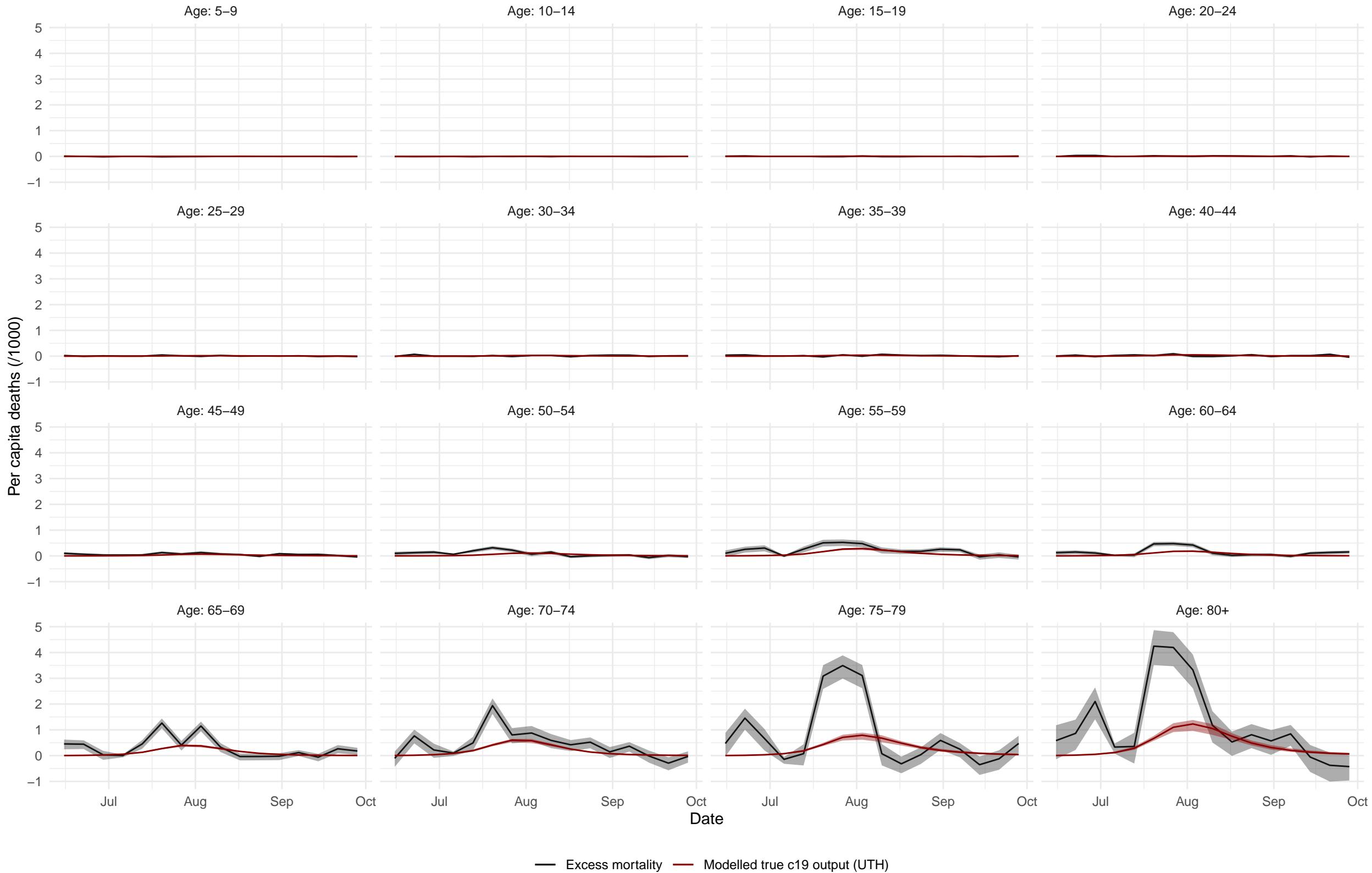


IFR x0.2, Slope x0.8
Lusaka weekly burial registrations



IFR x 0.2, Slope x 0.8

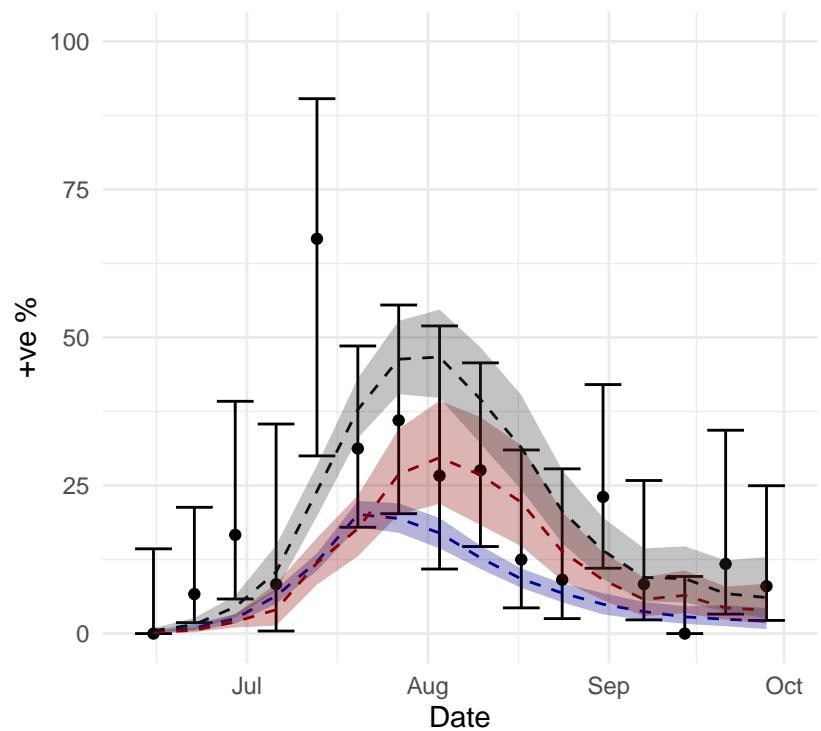
COVID-19 excess mortality: Comparison of MCMC results with squire results



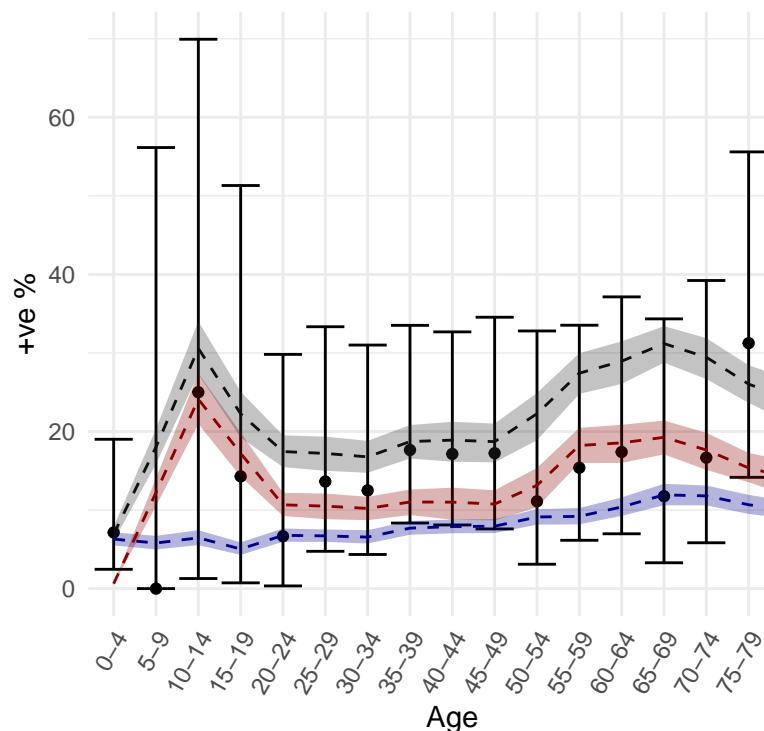
IFR x 0.4, Slope x 0.8

Post-mortem weekly PCR prev.

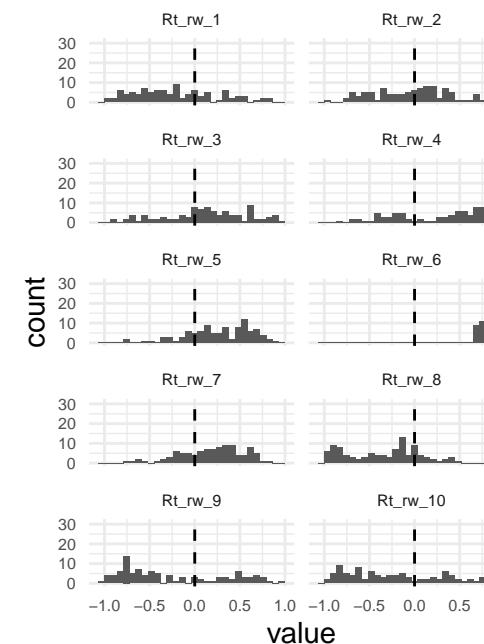
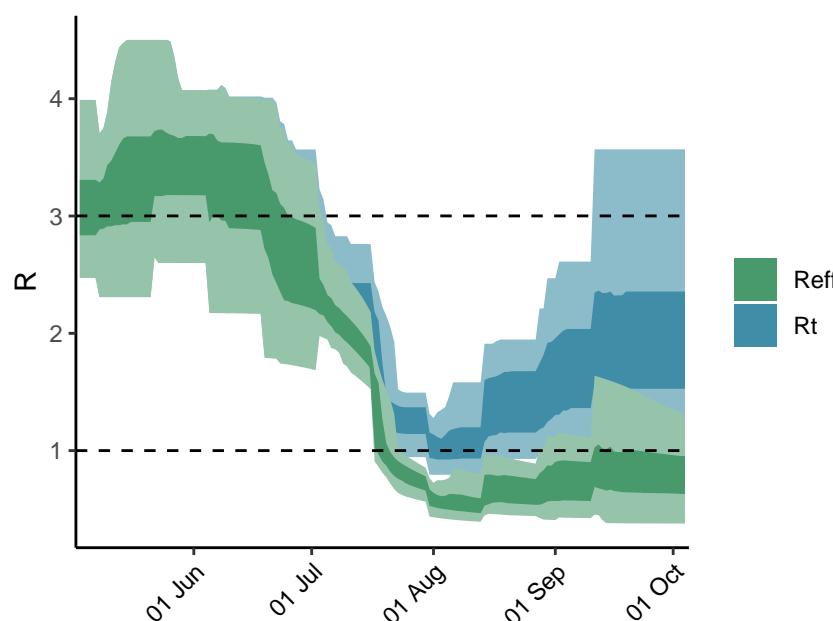
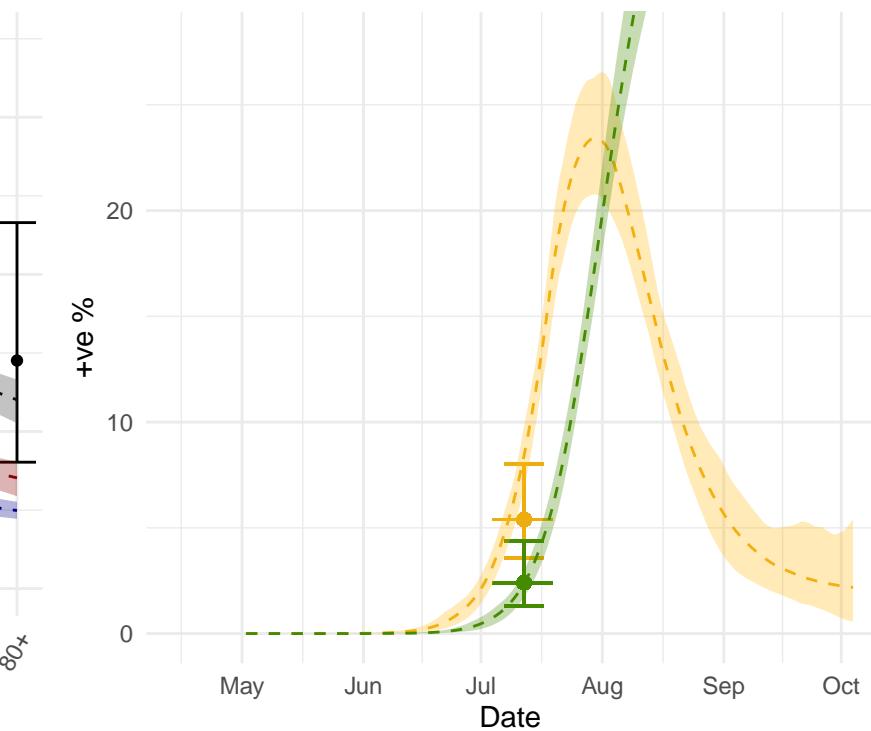
UTH mortuary



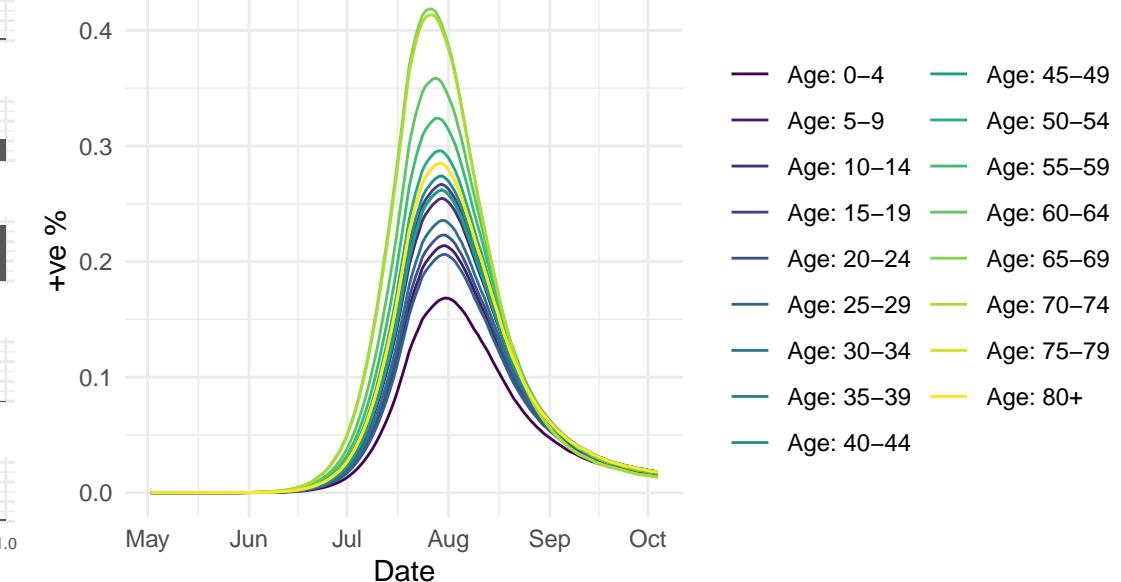
Post-mortem PCR prev. by age
UTH mortuary



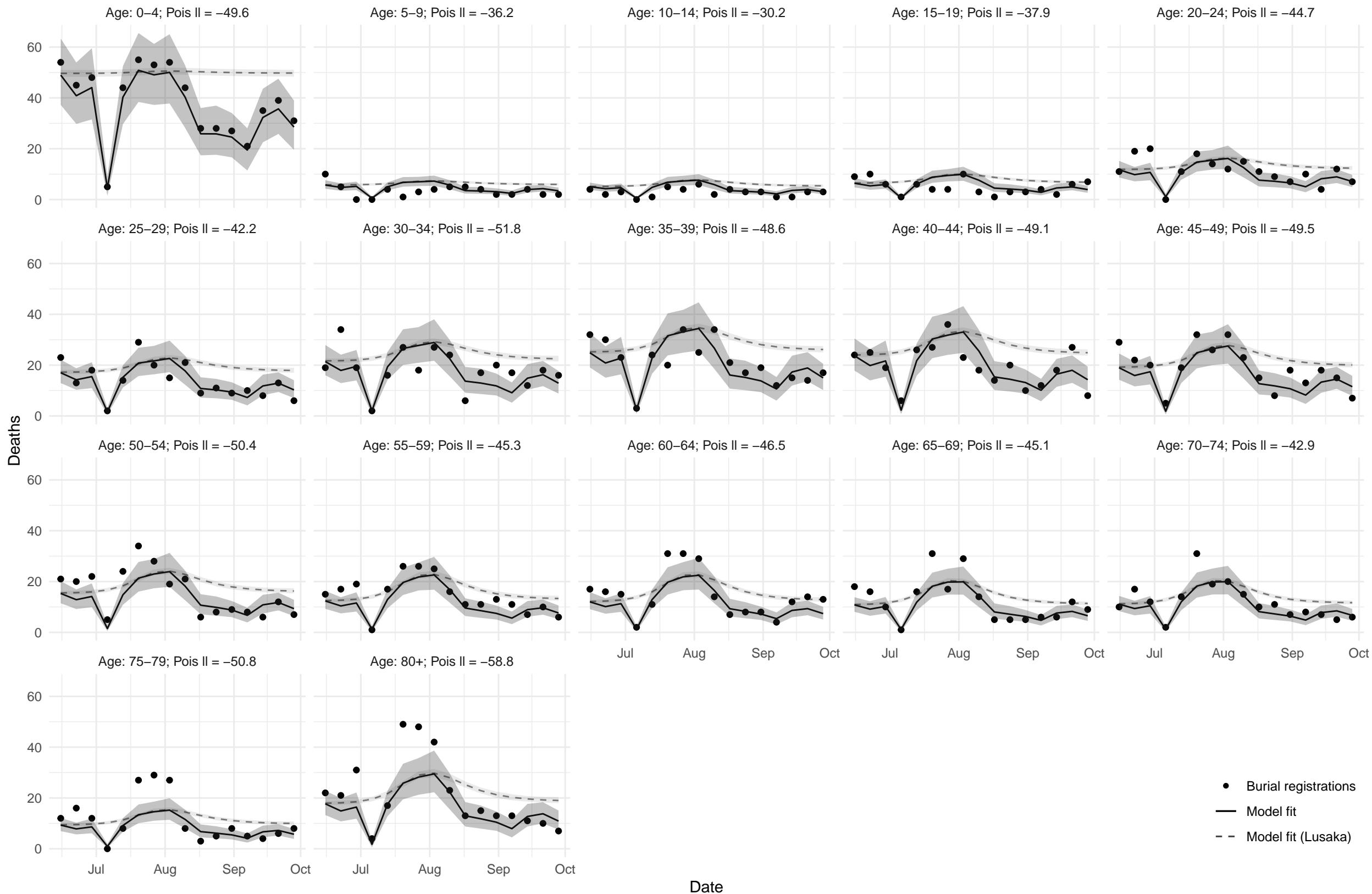
Population prevalence
Lusaka



Modelled PCR %

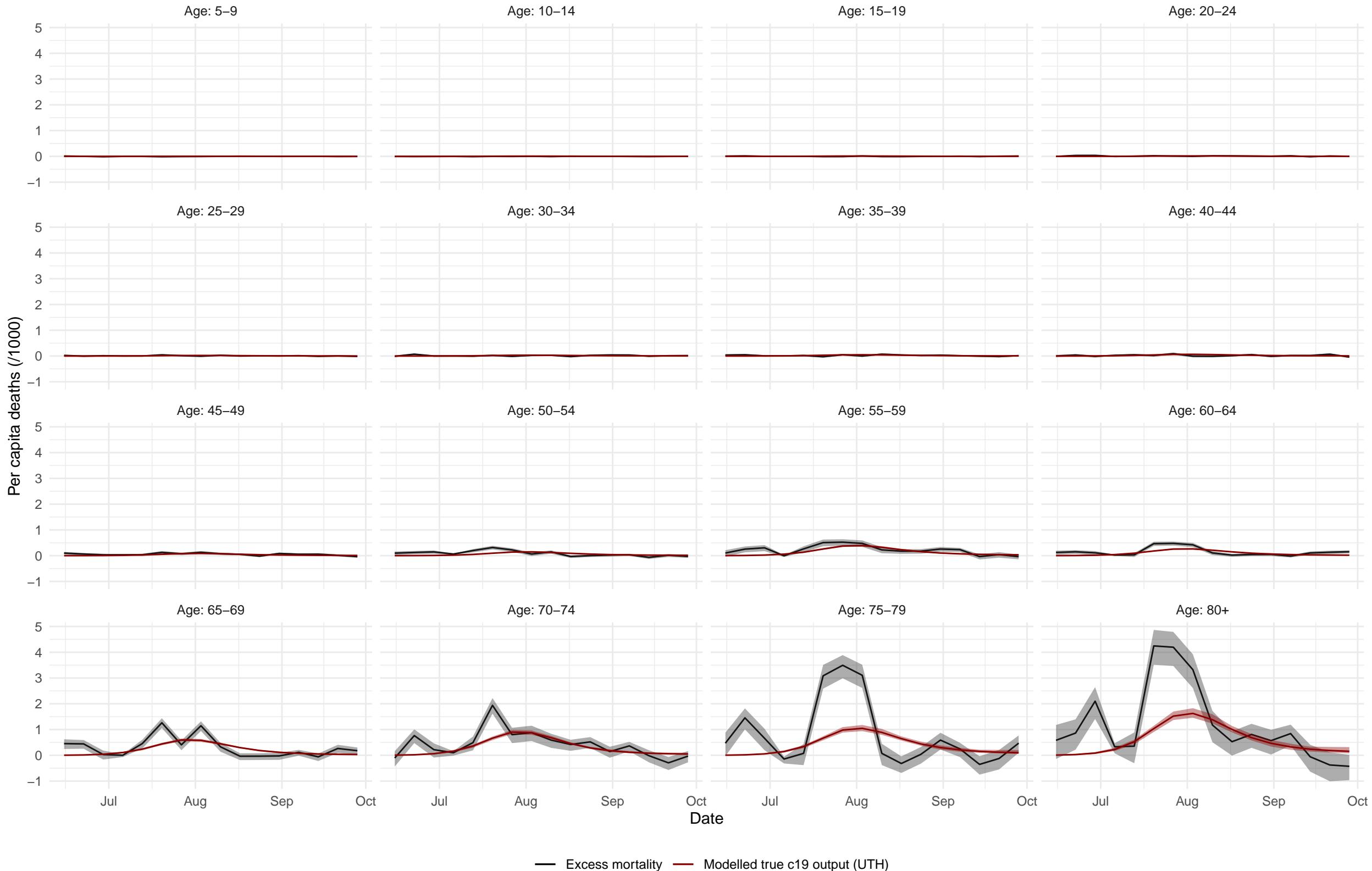


IFR x0.4, Slope x0.8
Lusaka weekly burial registrations

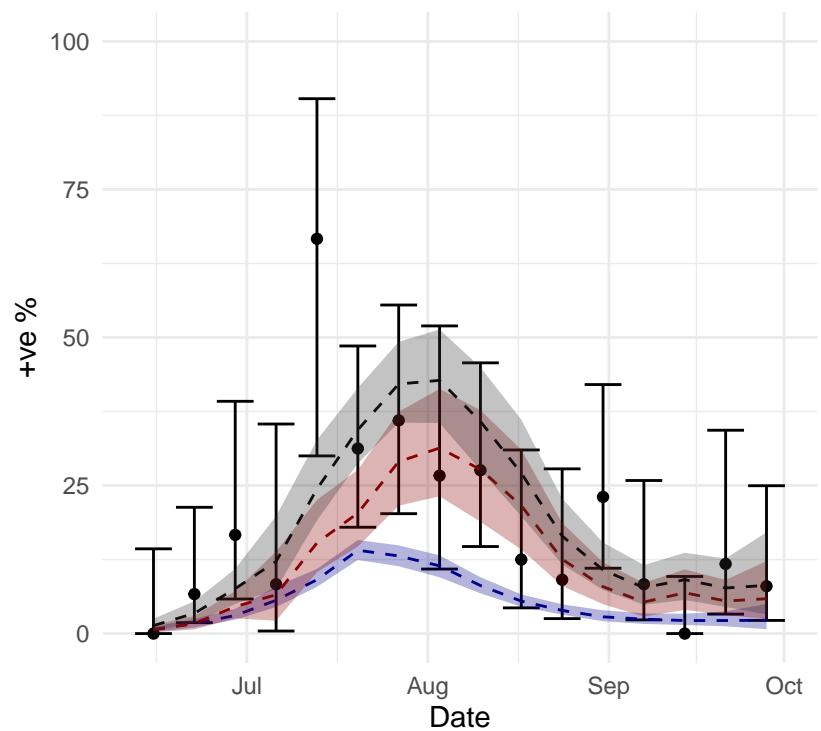


IFR x 0.4, Slope x 0.8

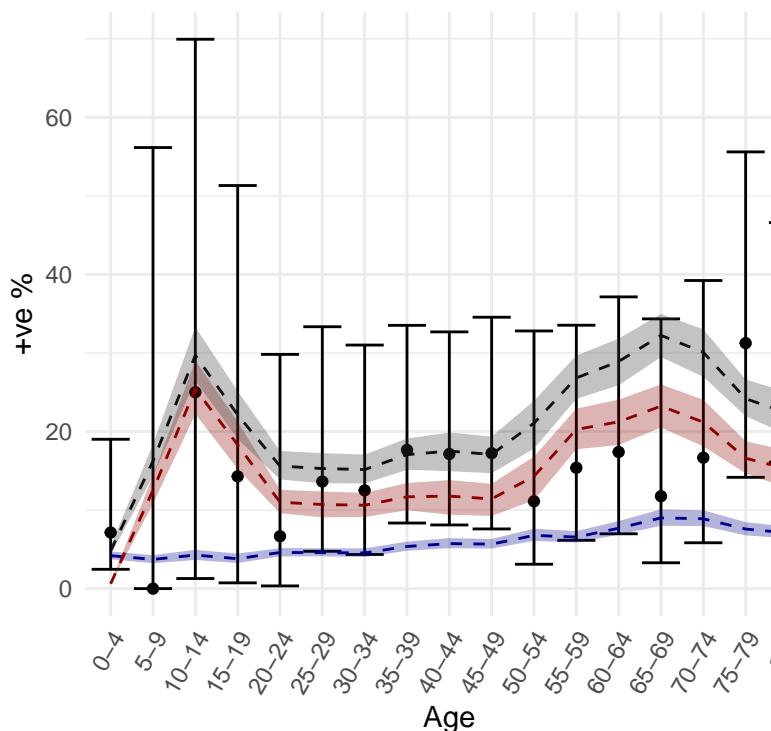
COVID-19 excess mortality: Comparison of MCMC results with squire results



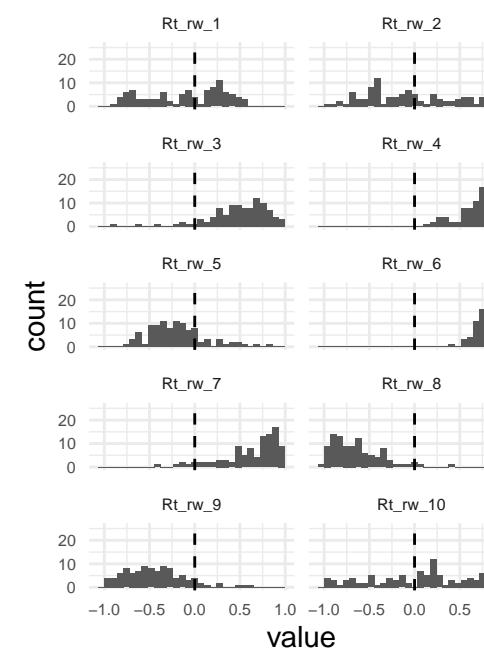
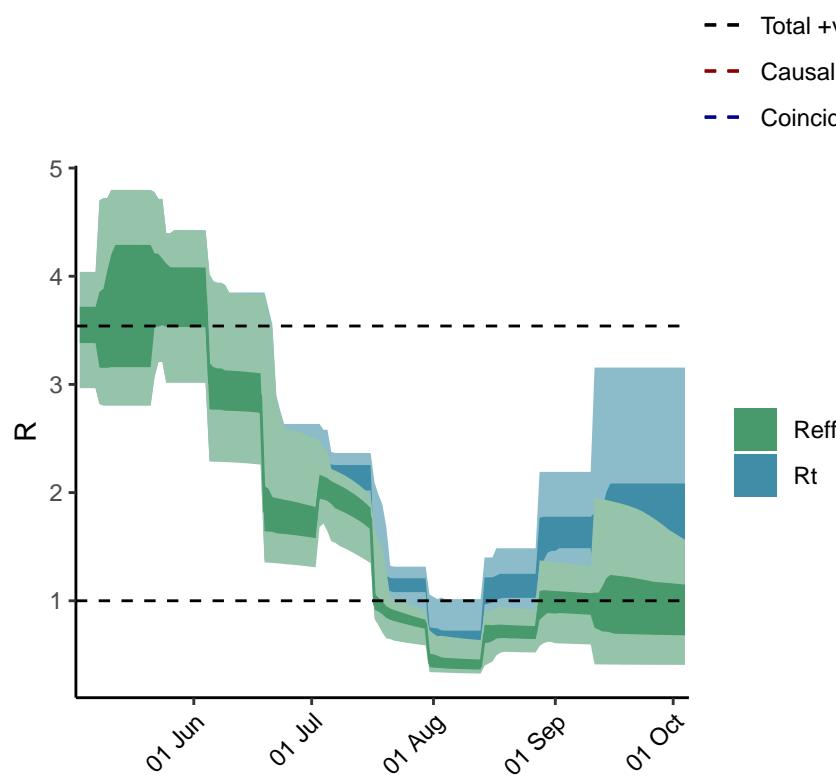
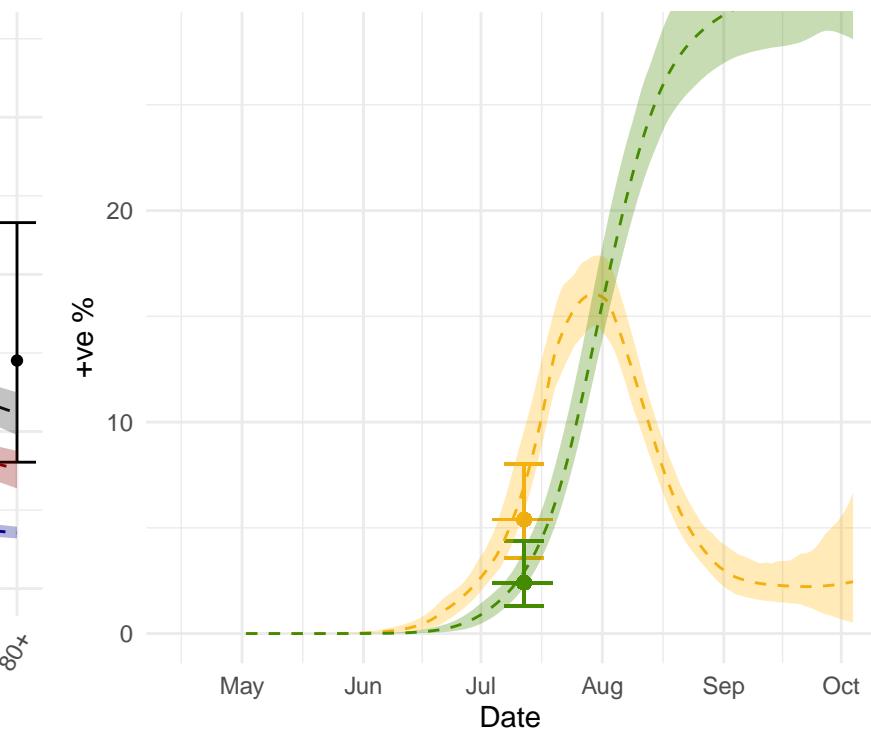
IFR x 0.6, Slope x 0.8
Post-mortem weekly PCR prev.
UTH mortuary



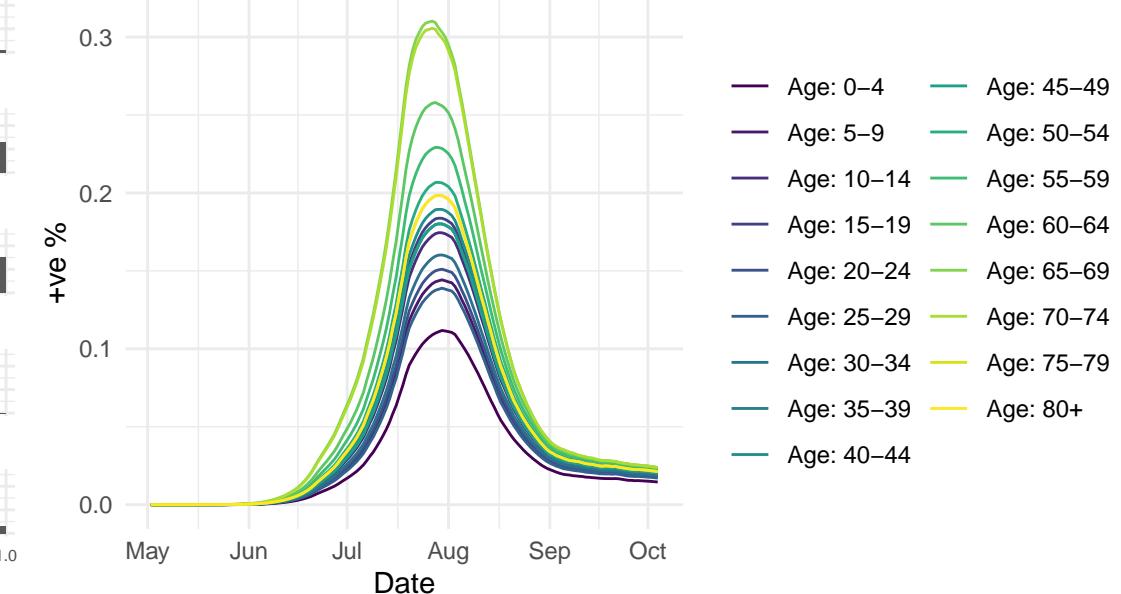
Post-mortem PCR prev. by age
UTH mortuary



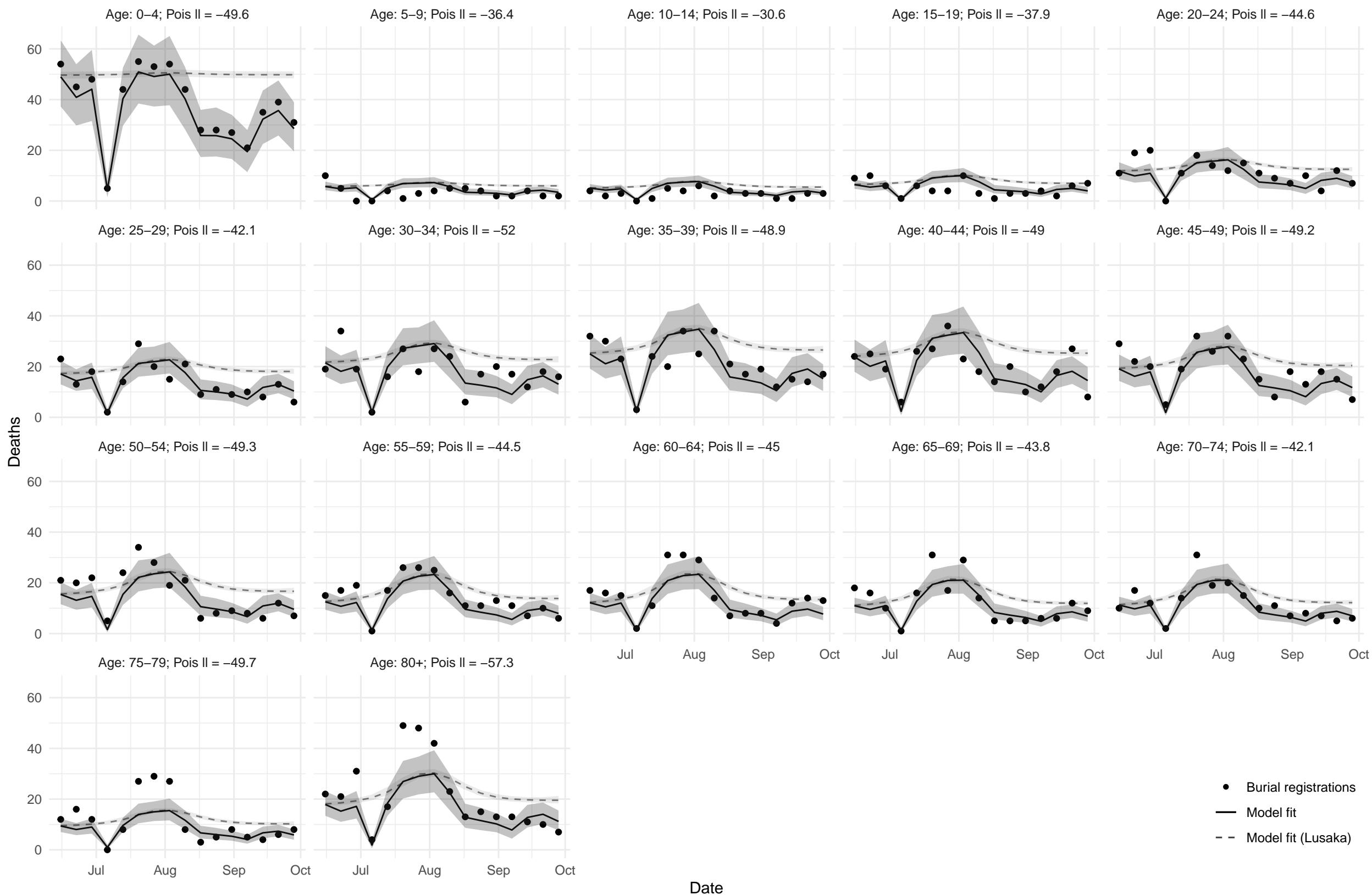
Population prevalence
Lusaka



Modelled PCR %

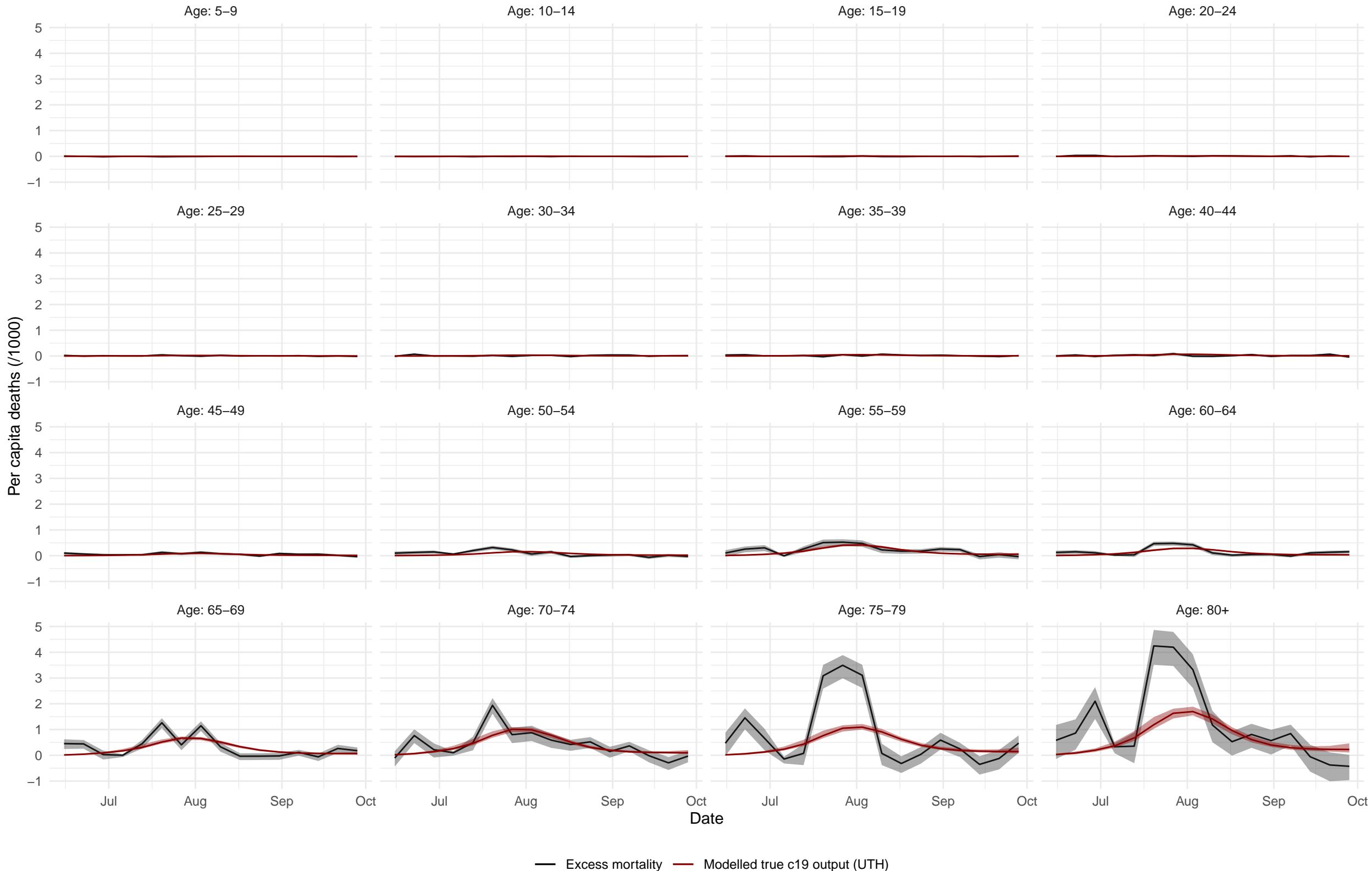


IFR x0.6, Slope x0.8
Lusaka weekly burial registrations



IFR x 0.6, Slope x 0.8

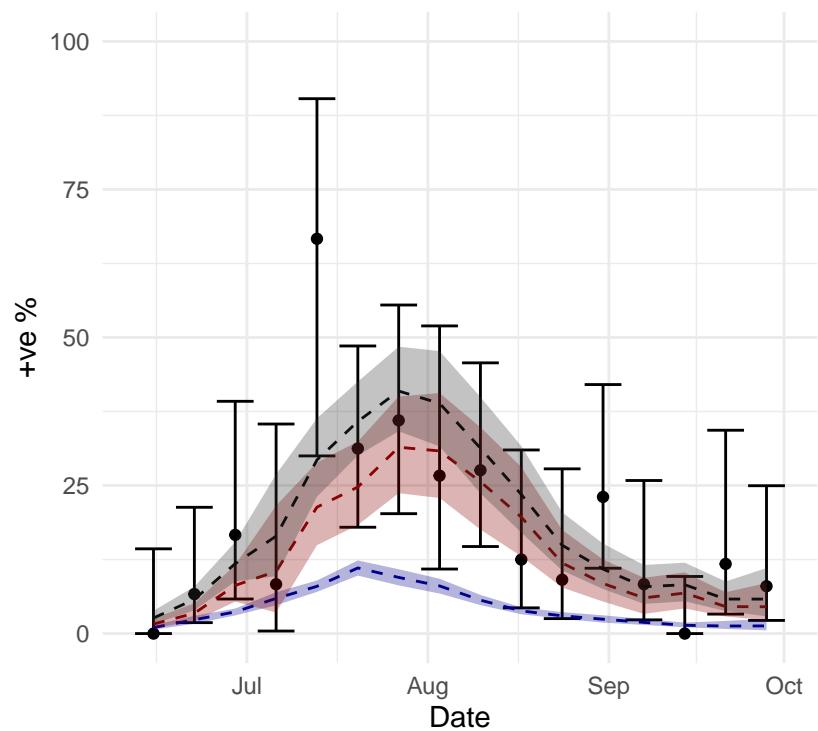
COVID-19 excess mortality: Comparison of MCMC results with squire results



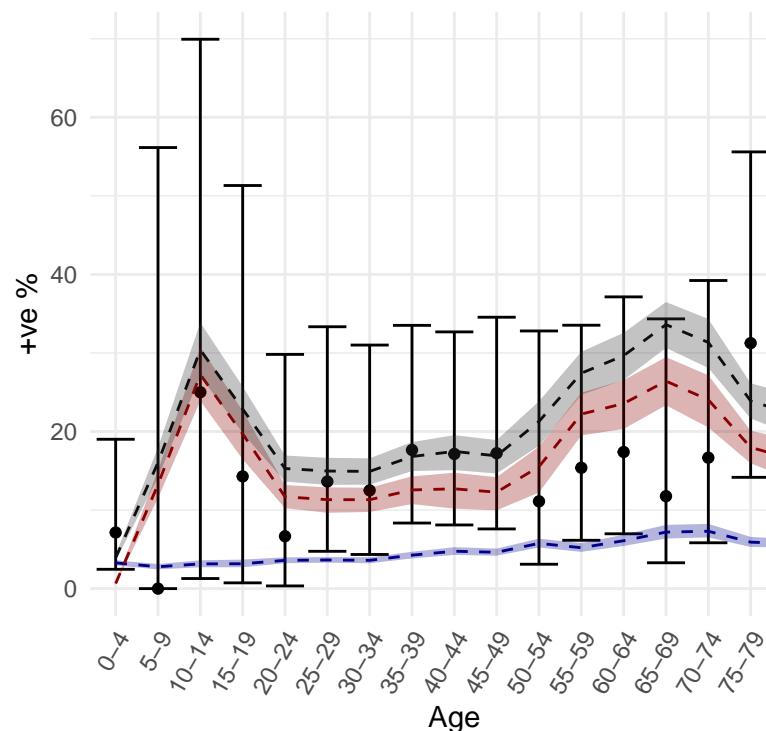
IFR x 0.8, Slope x 0.8

Post-mortem weekly PCR prev.

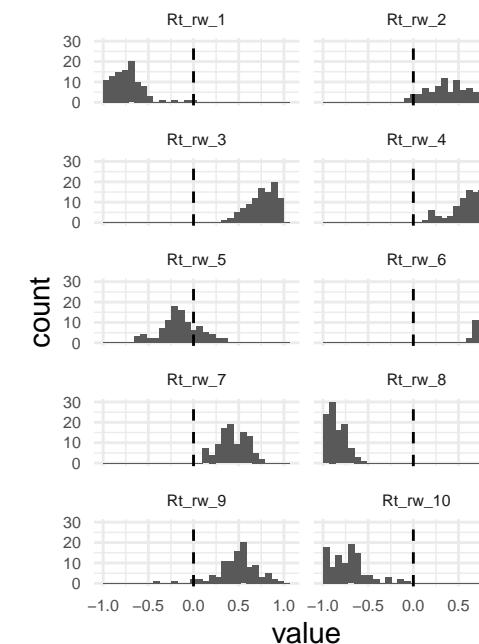
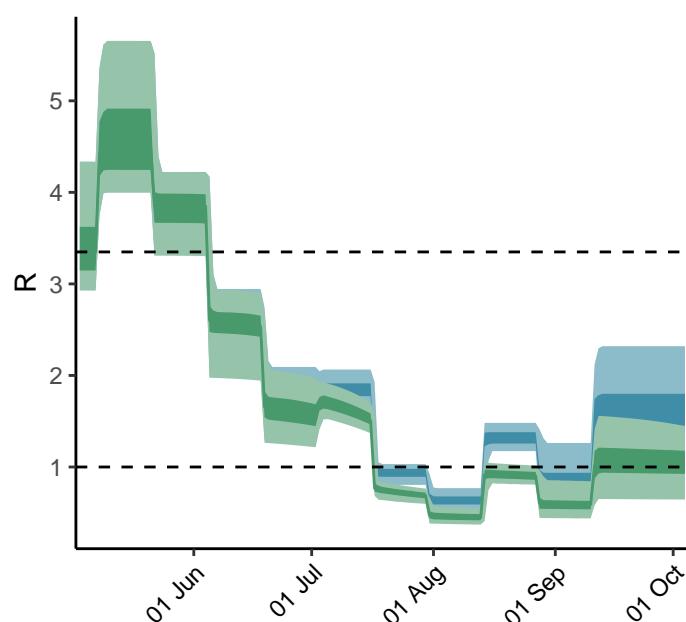
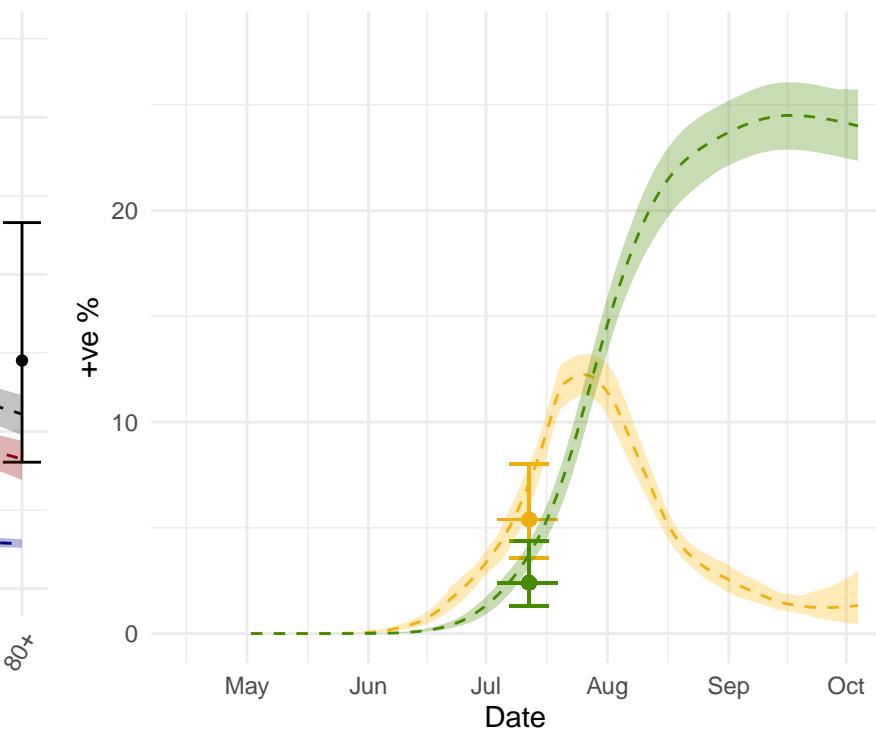
UTH mortuary



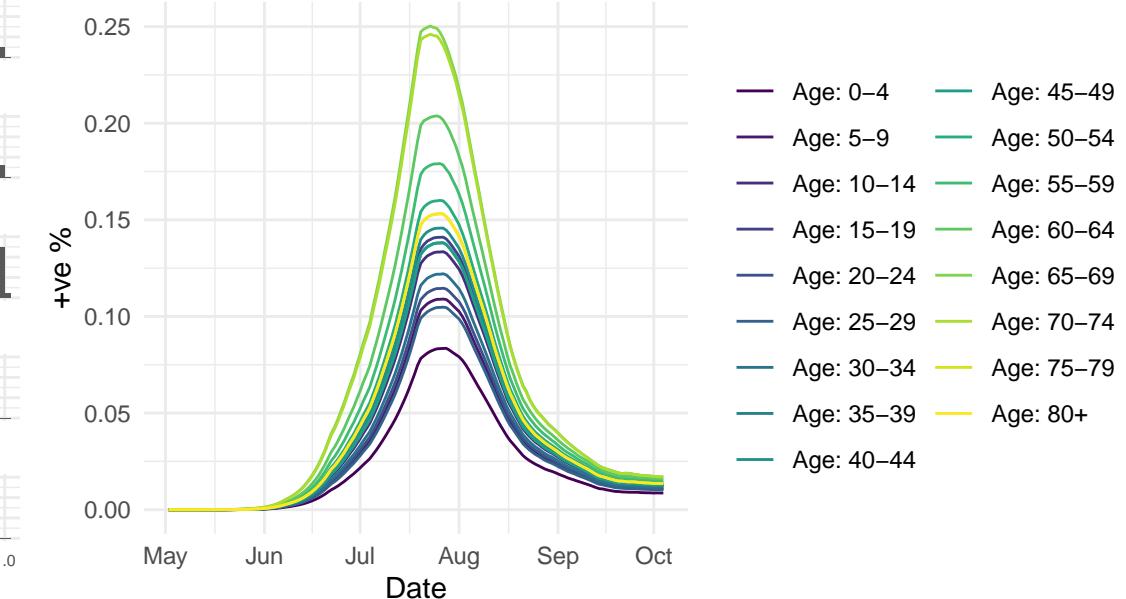
Post-mortem PCR prev. by age
UTH mortuary



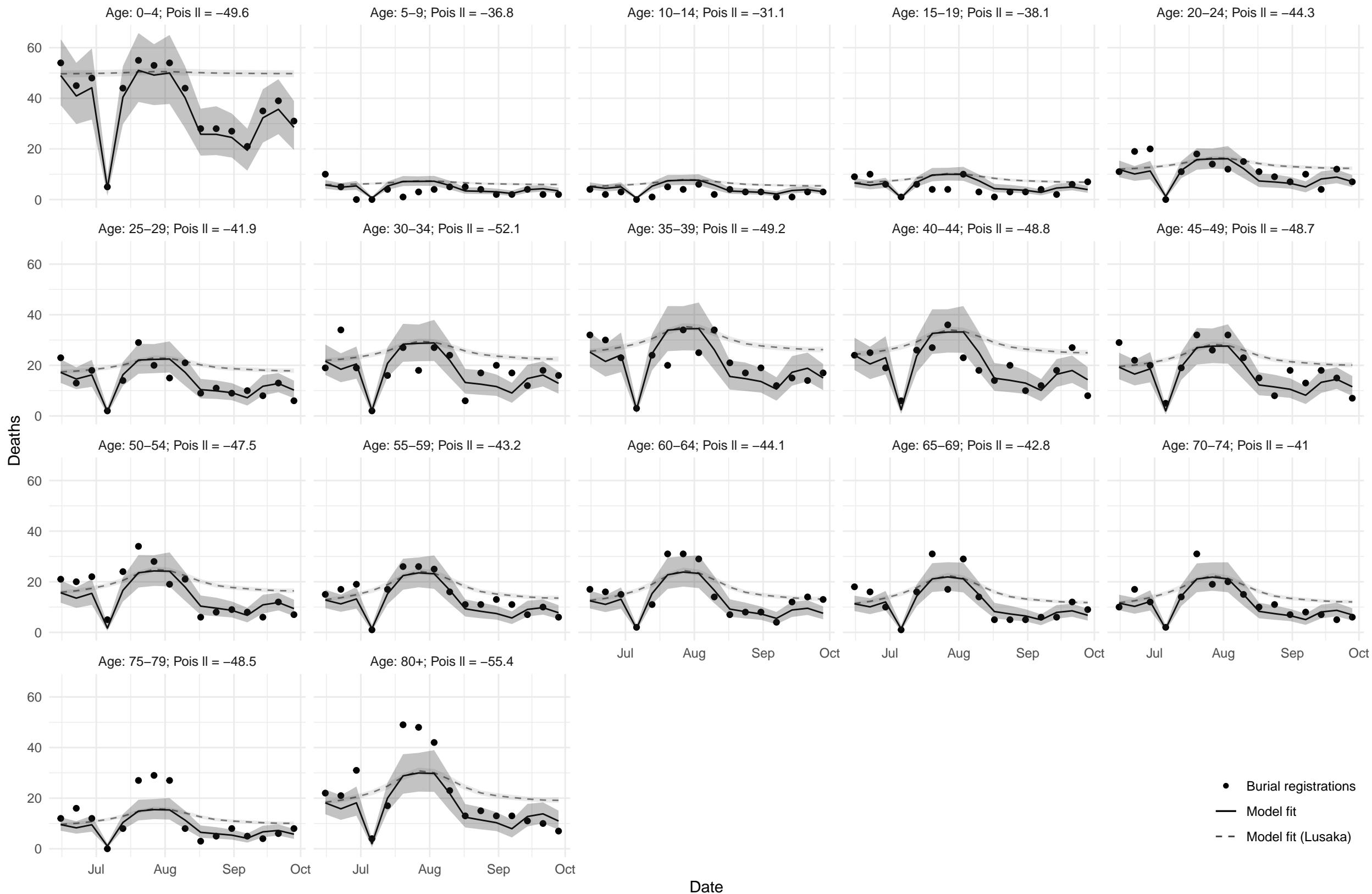
Population prevalence
Lusaka



Modelled PCR %

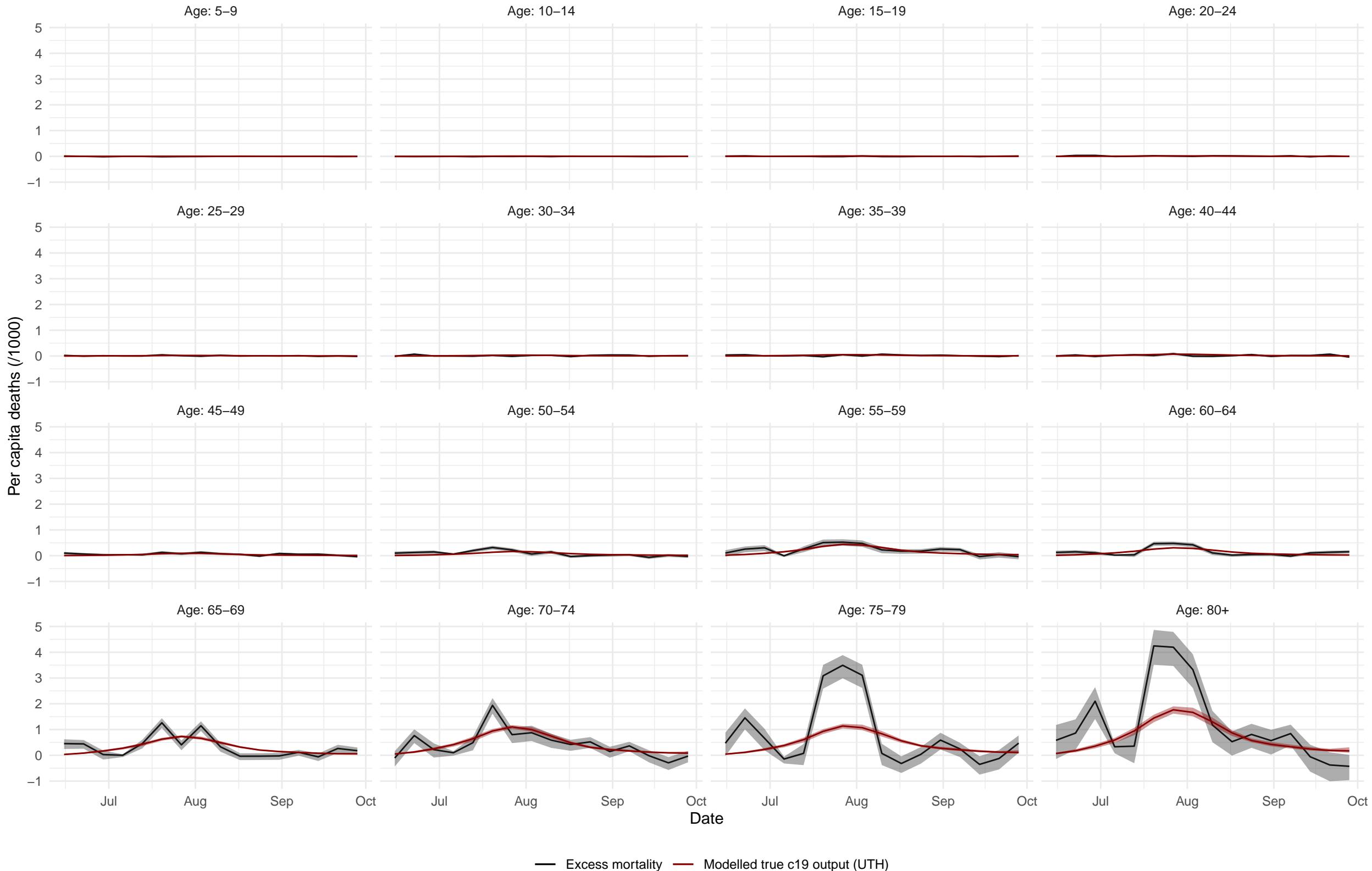


IFR x0.8, Slope x0.8
Lusaka weekly burial registrations



IFR x 0.8, Slope x 0.8

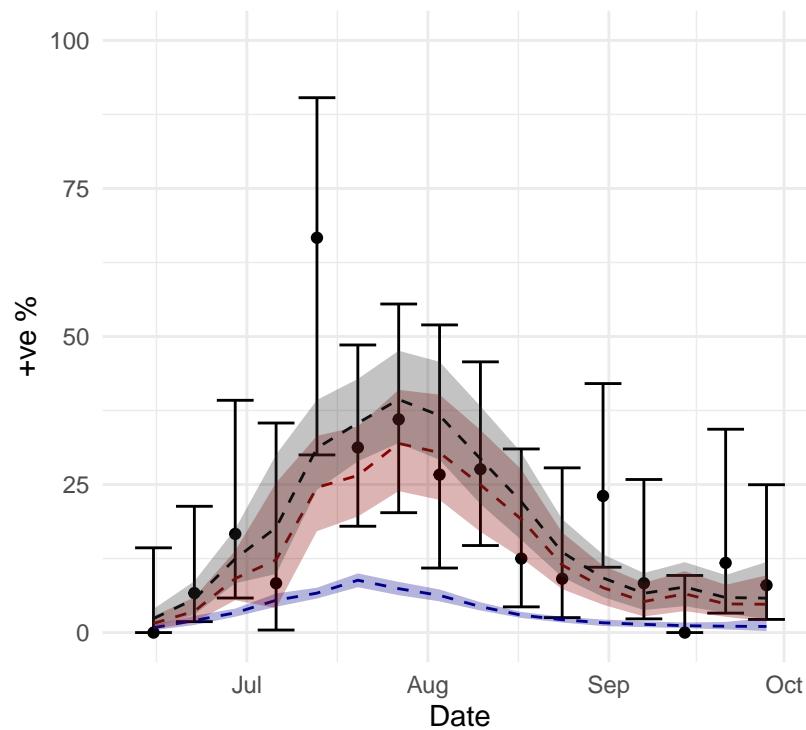
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 1, Slope x 0.8

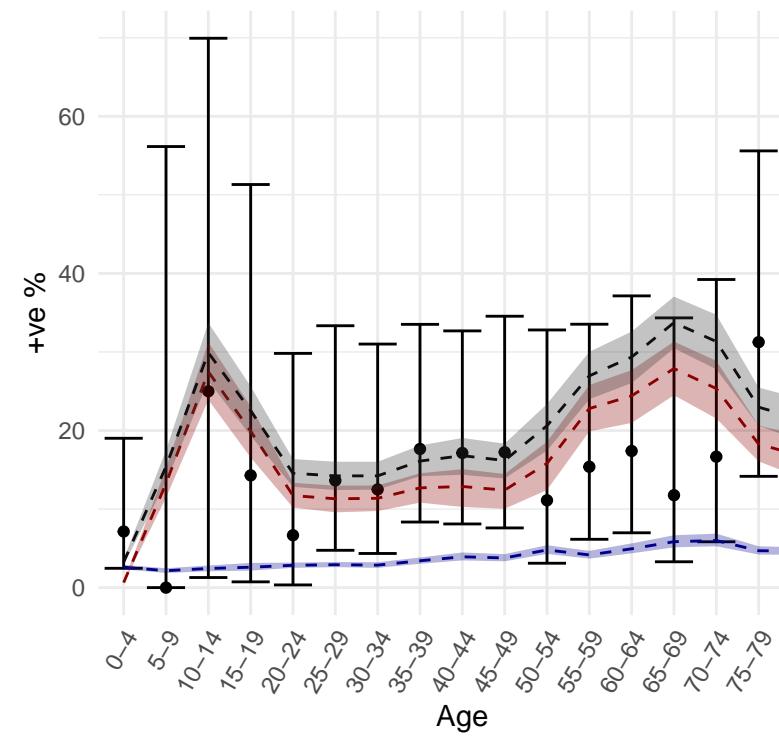
Post-mortem weekly PCR prev.

UTH mortuary



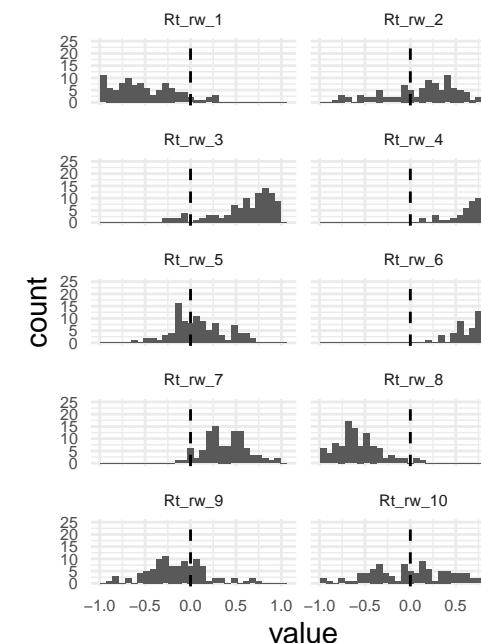
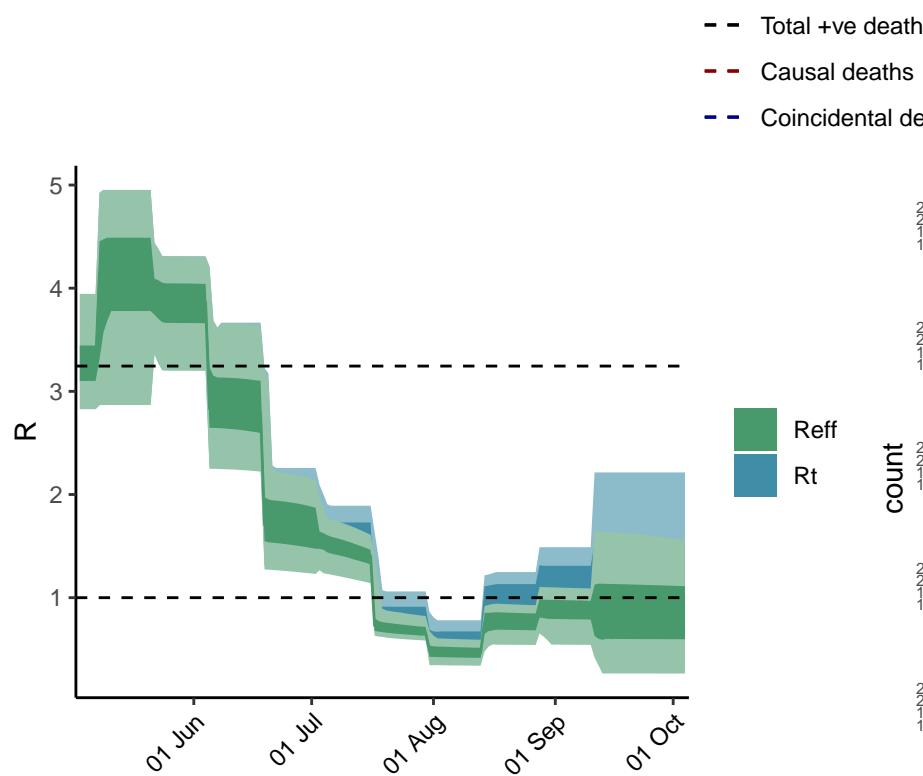
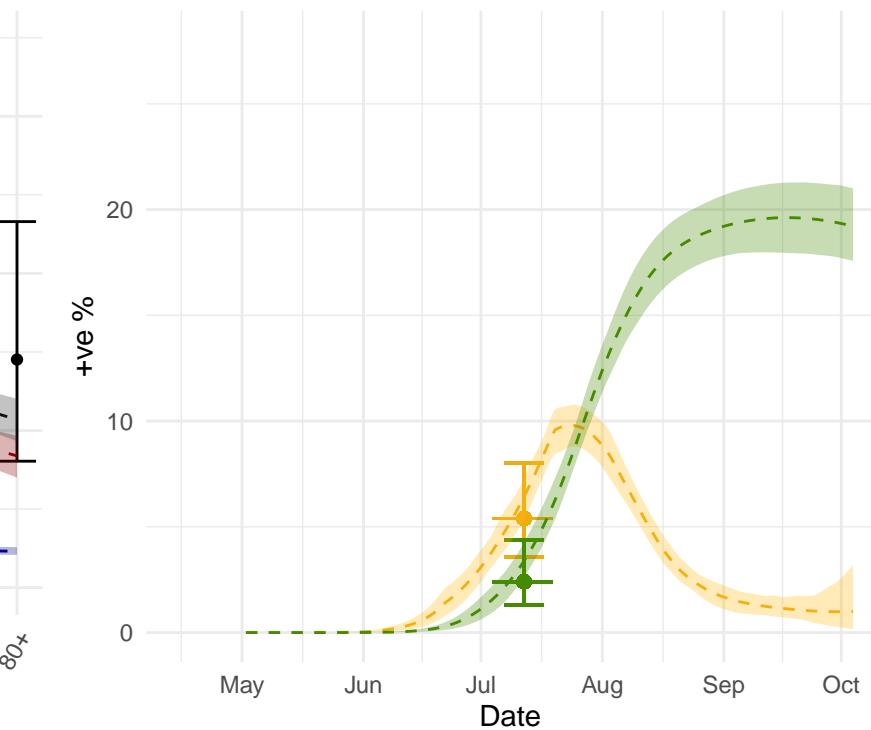
Post-mortem PCR prev. by age

UTH mortuary

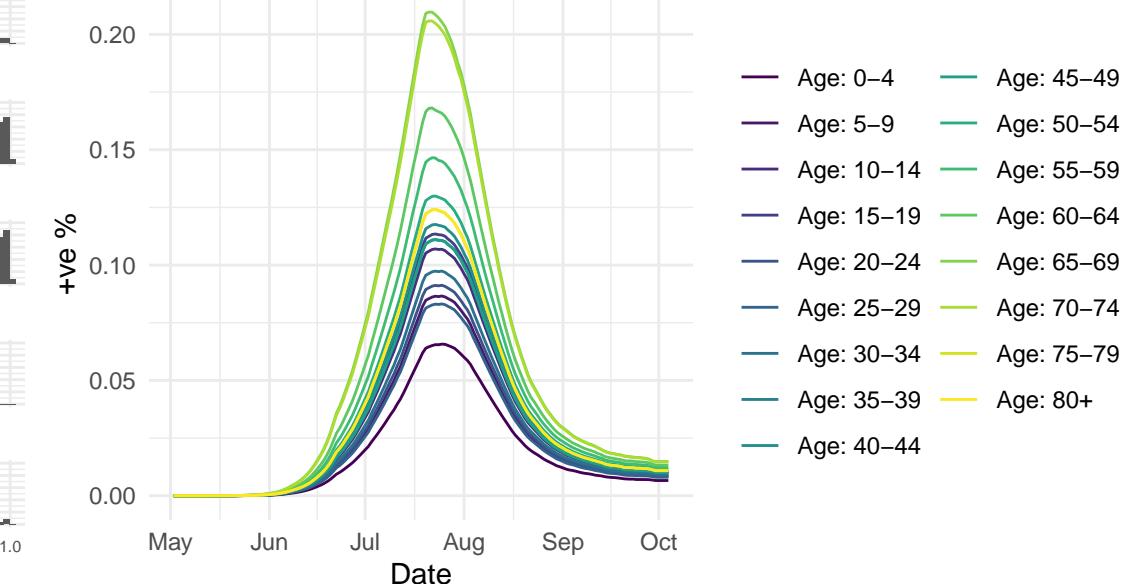


Population prevalence

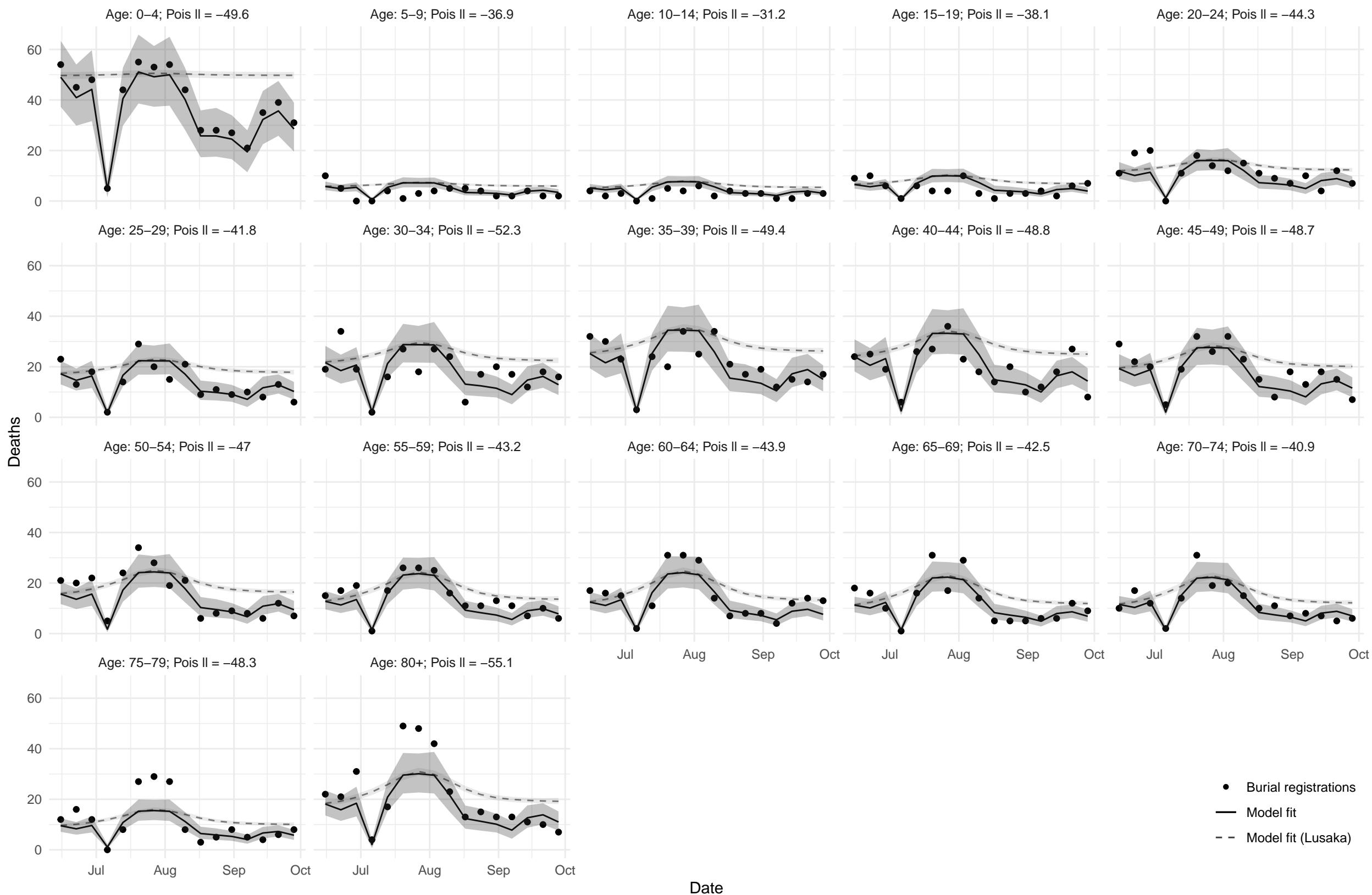
Lusaka



Modelled PCR %

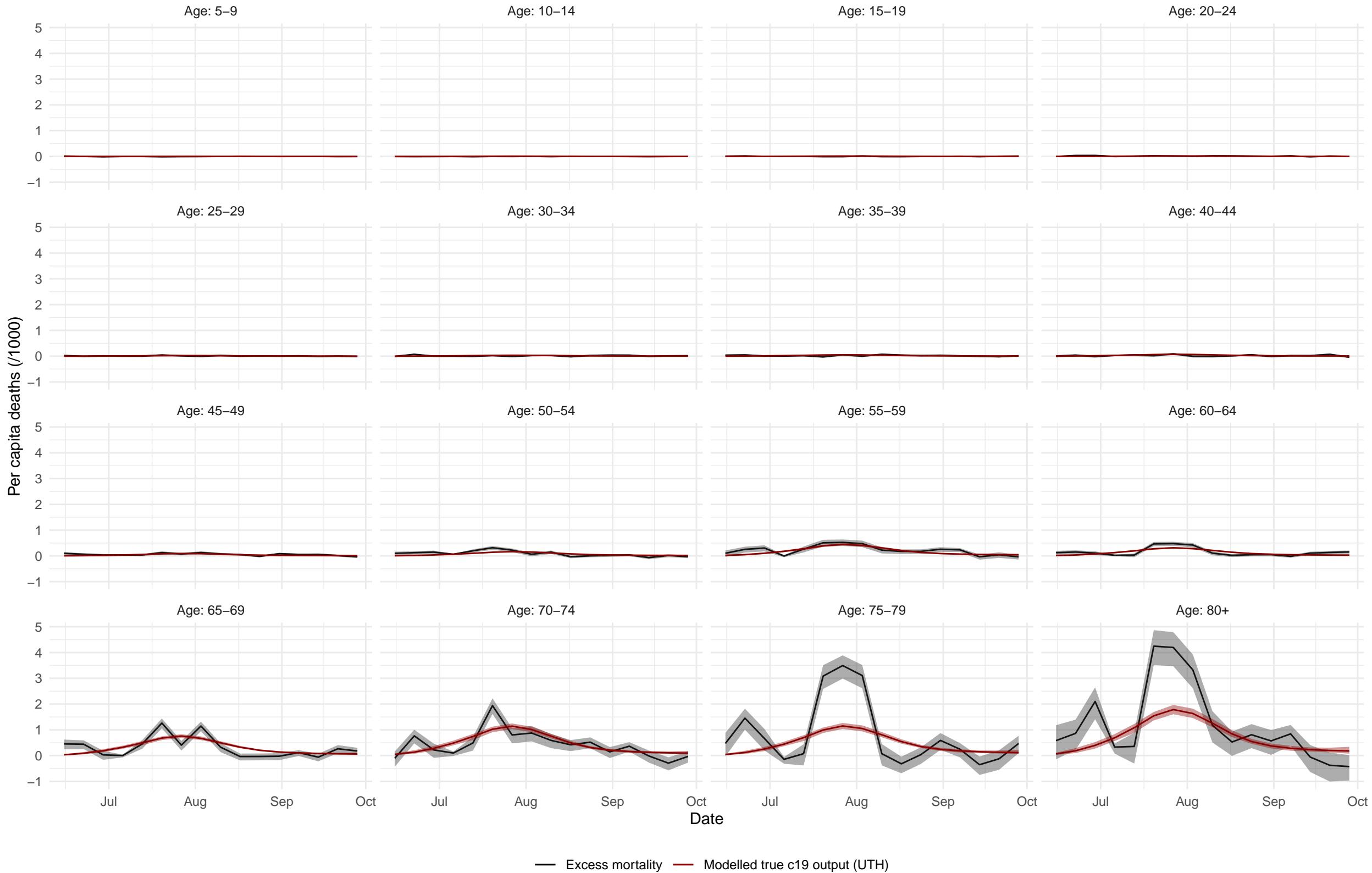


IFR x1, Slope x0.8
Lusaka weekly burial registrations



IFR x 1, Slope x 0.8

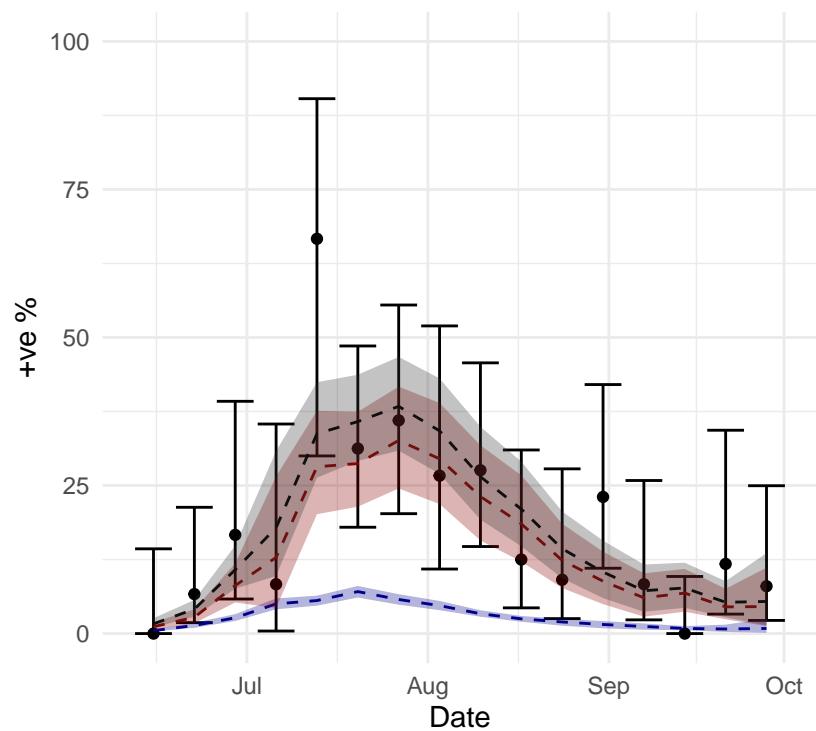
COVID-19 excess mortality: Comparison of MCMC results with squire results



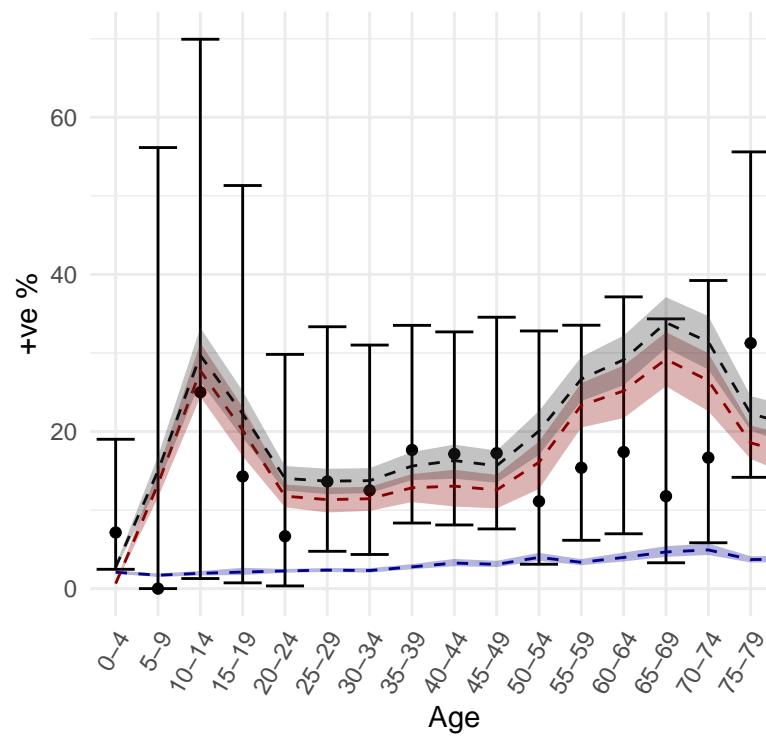
IFR x 1.25, Slope x 0.8

Post-mortem weekly PCR prev.

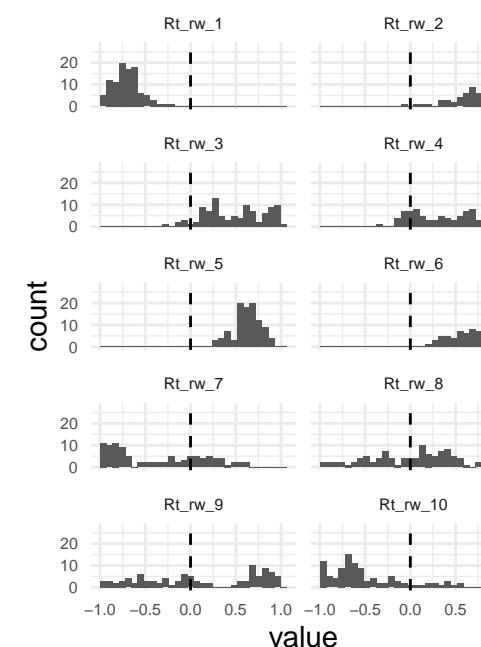
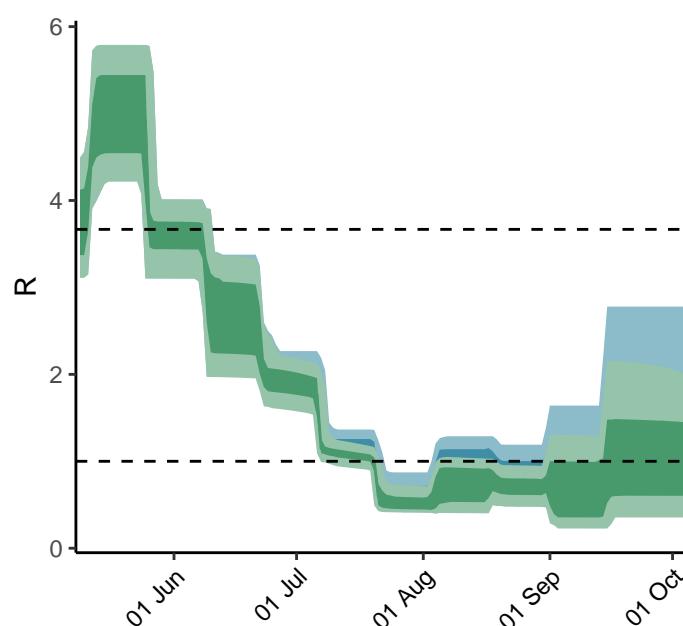
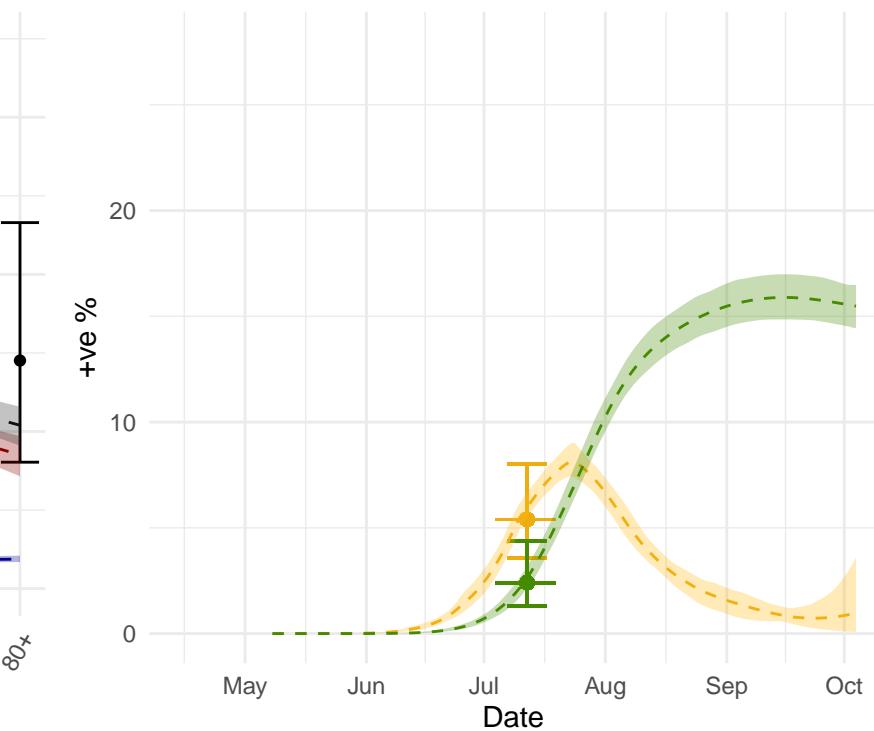
UTH mortuary



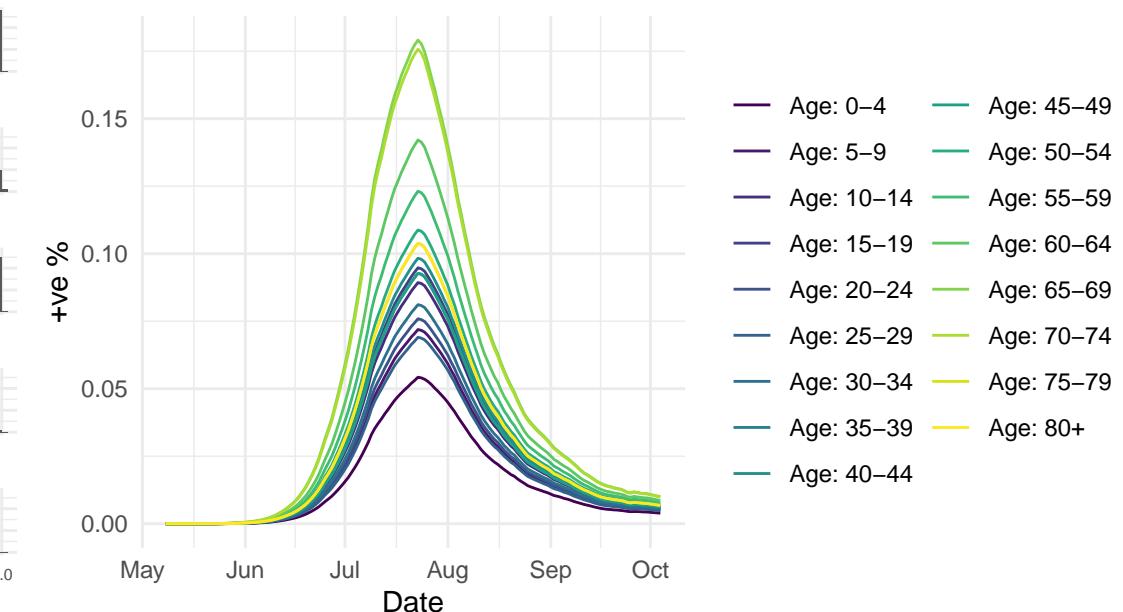
Post-mortem PCR prev. by age
UTH mortuary



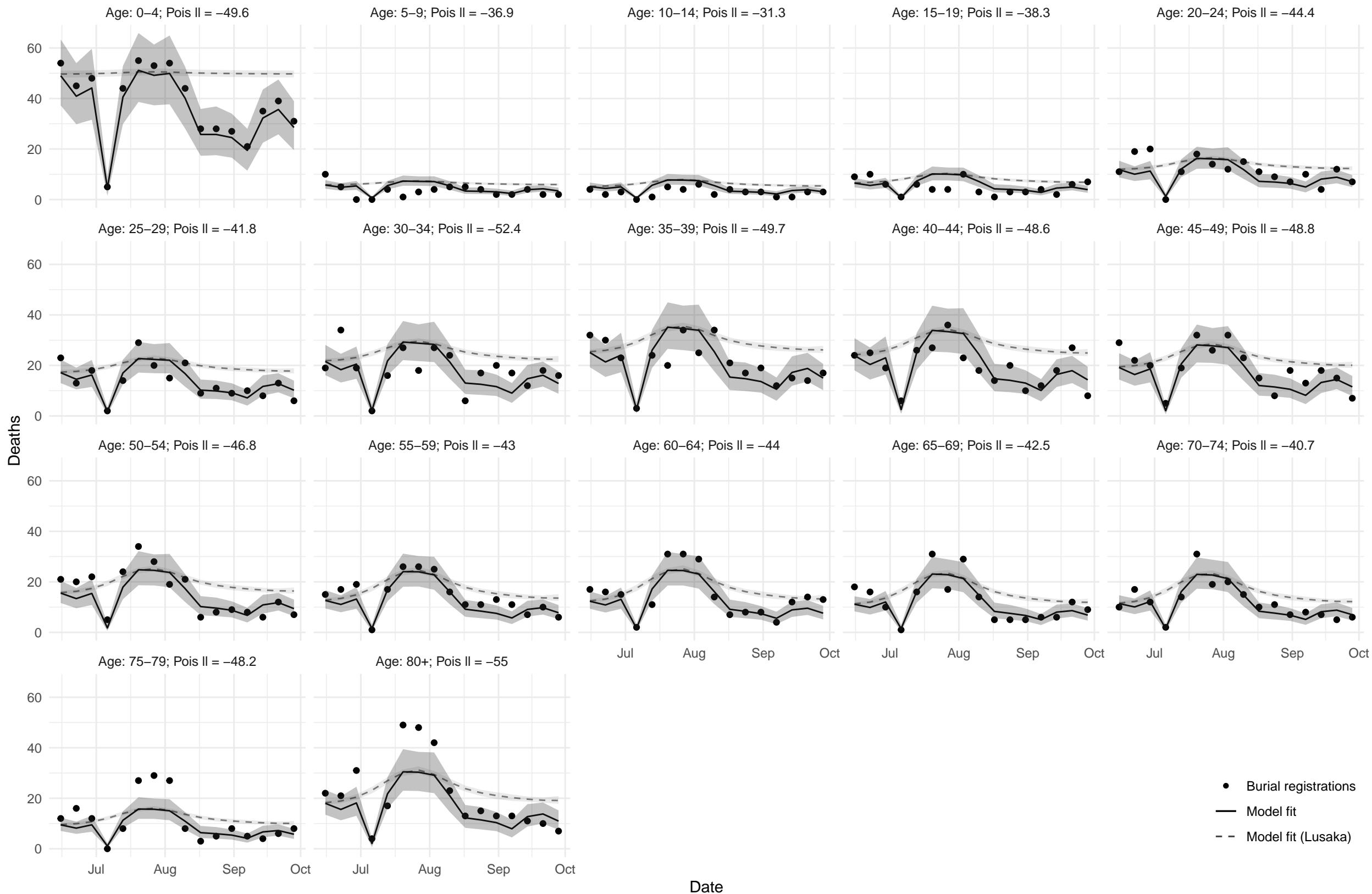
Population prevalence
Lusaka



Modelled PCR %

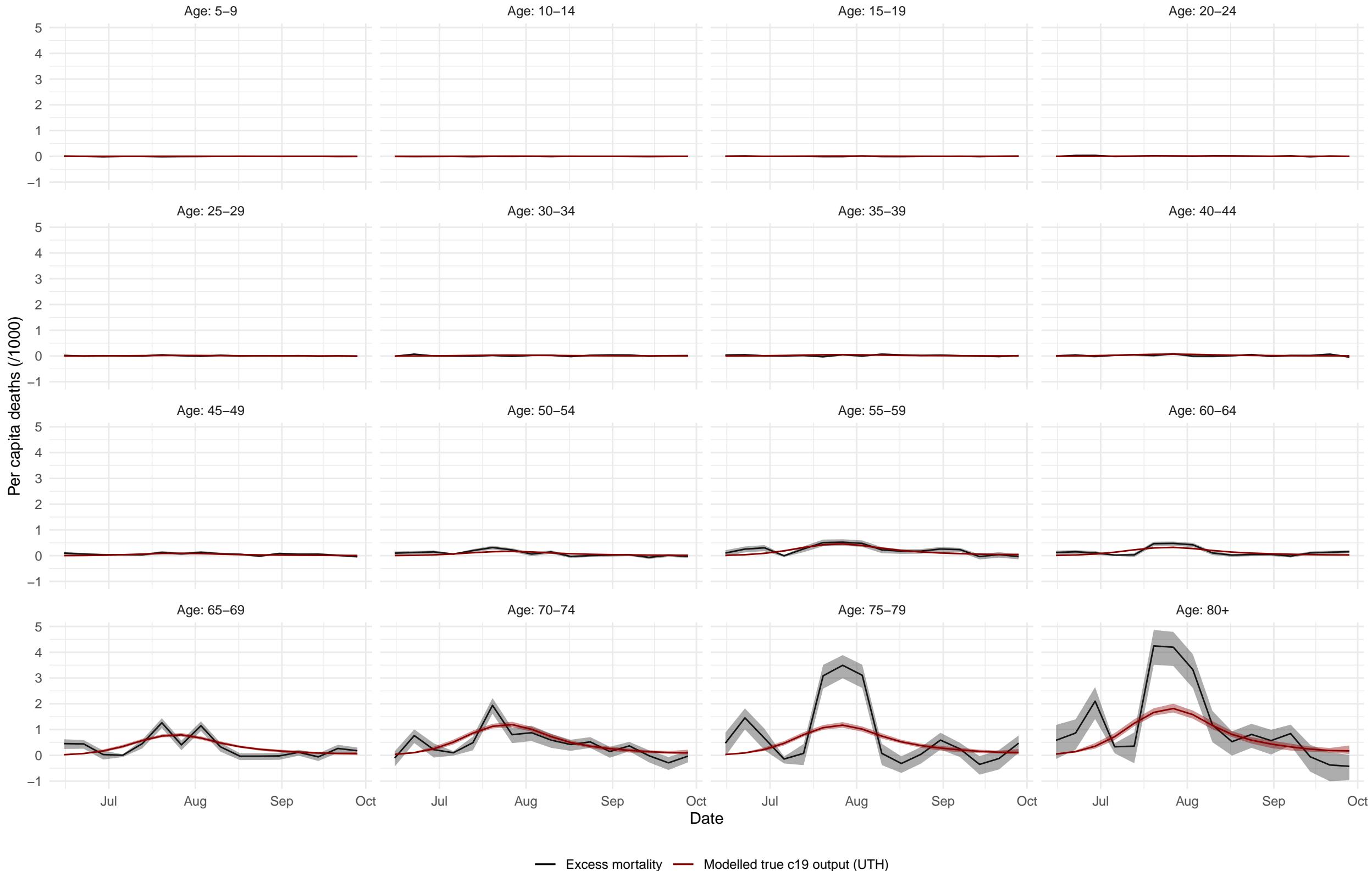


IFR x1.25, Slope x0.8
Lusaka weekly burial registrations

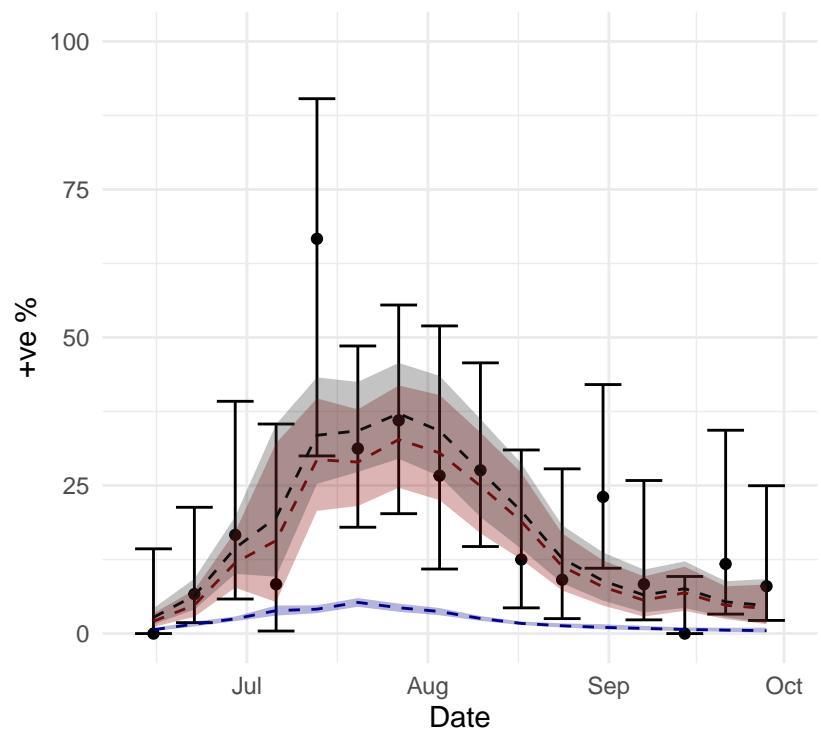


IFR x 1.25, Slope x 0.8

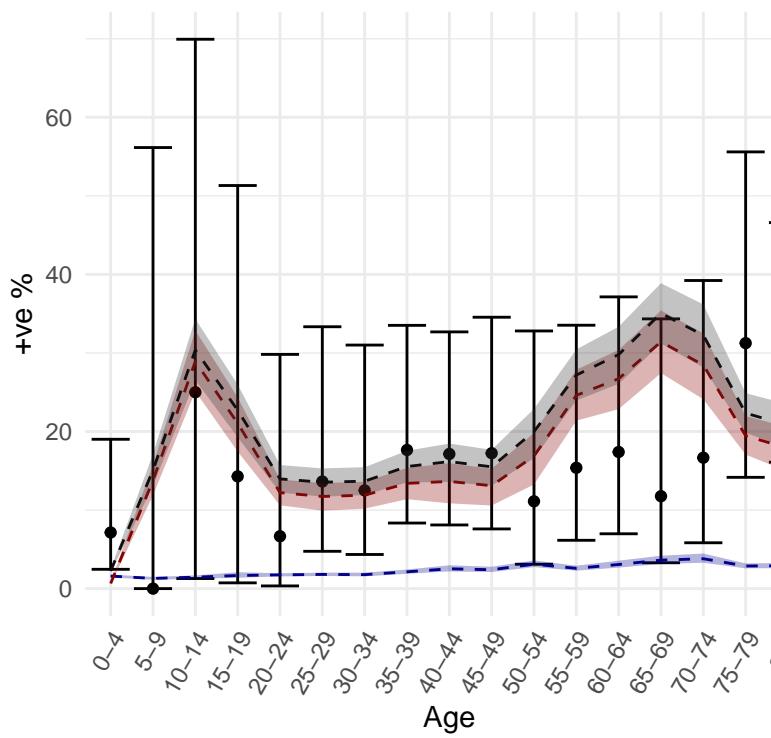
COVID-19 excess mortality: Comparison of MCMC results with squire results



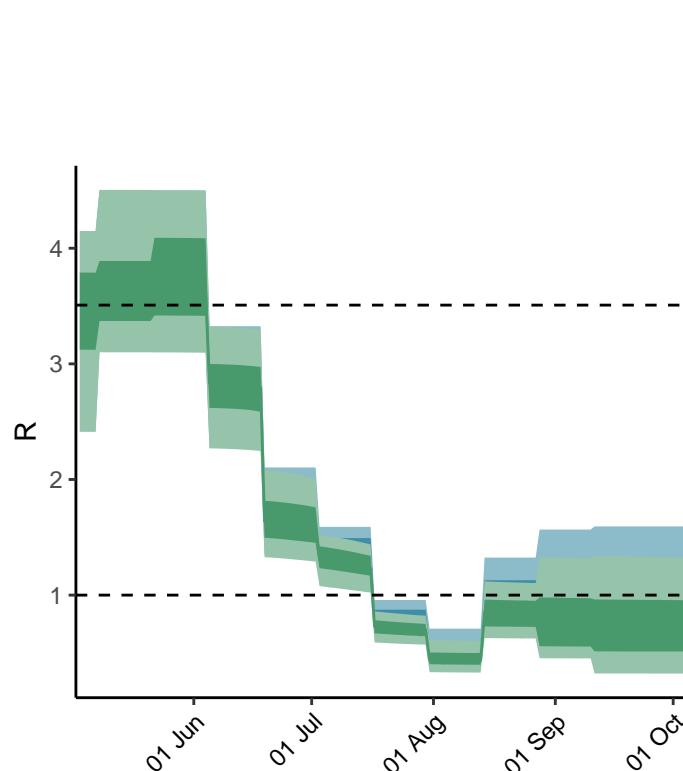
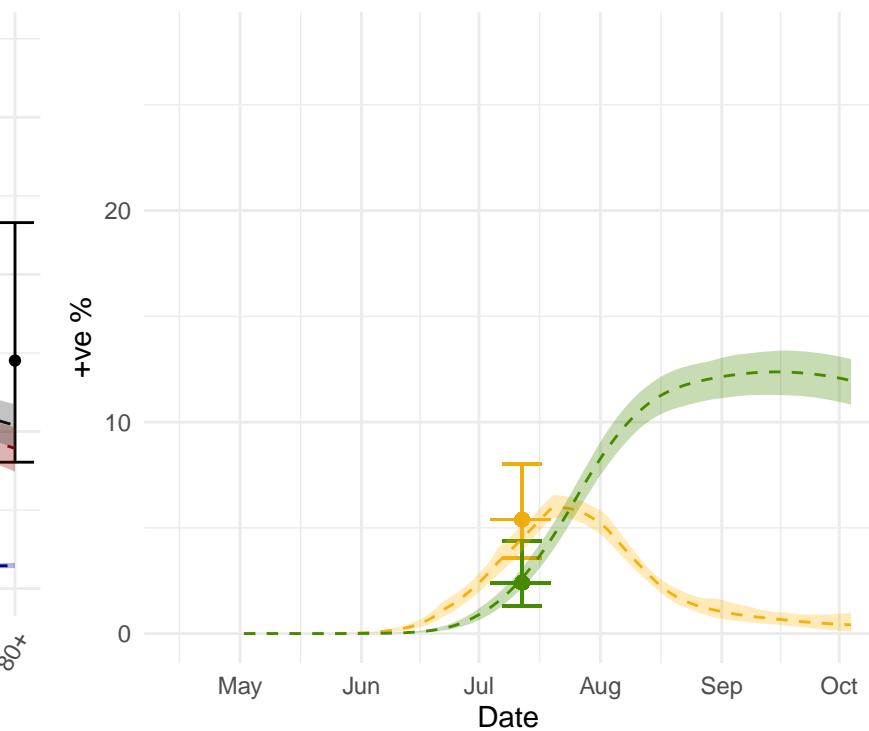
IFR x 1.67, Slope x 0.8
Post-mortem weekly PCR prev.
UTH mortuary



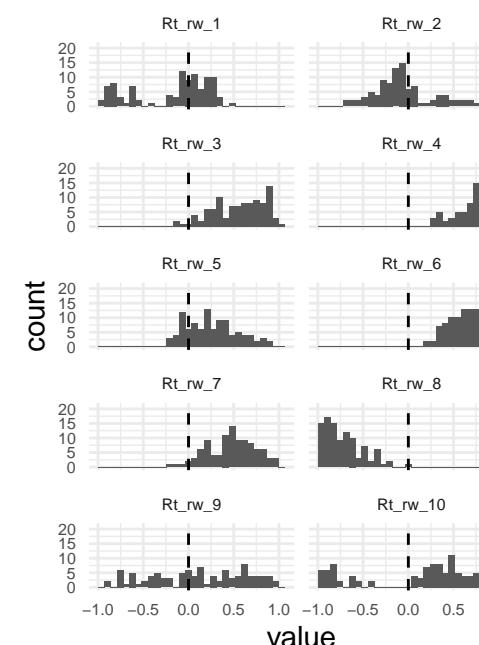
Post-mortem PCR prev. by age
UTH mortuary



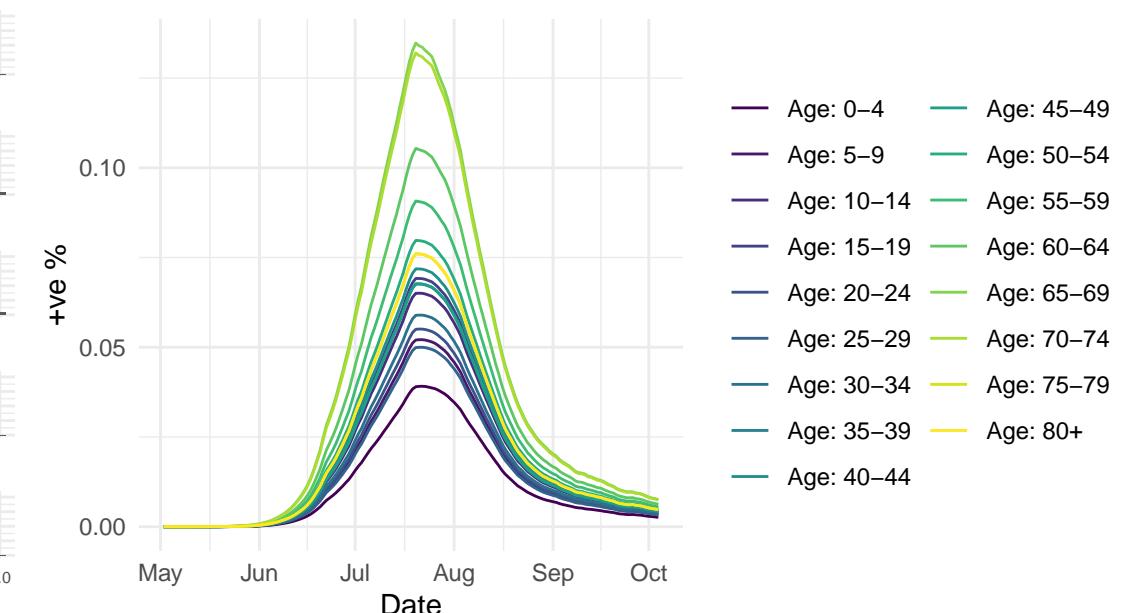
Population prevalence
Lusaka



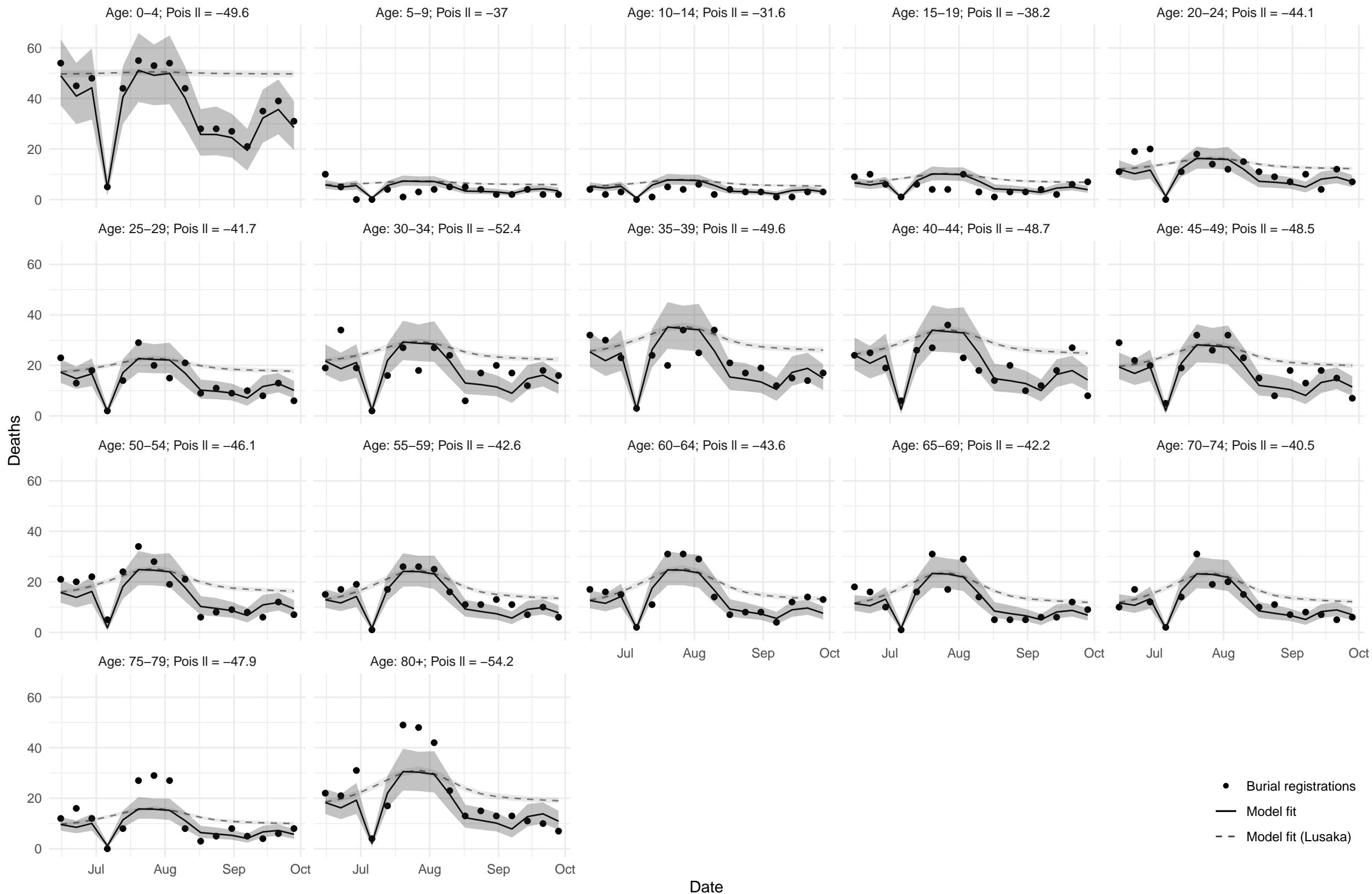
- - Total +ve deaths
- - - Causal deaths
- - - - Coincidental deaths



Modelled PCR %

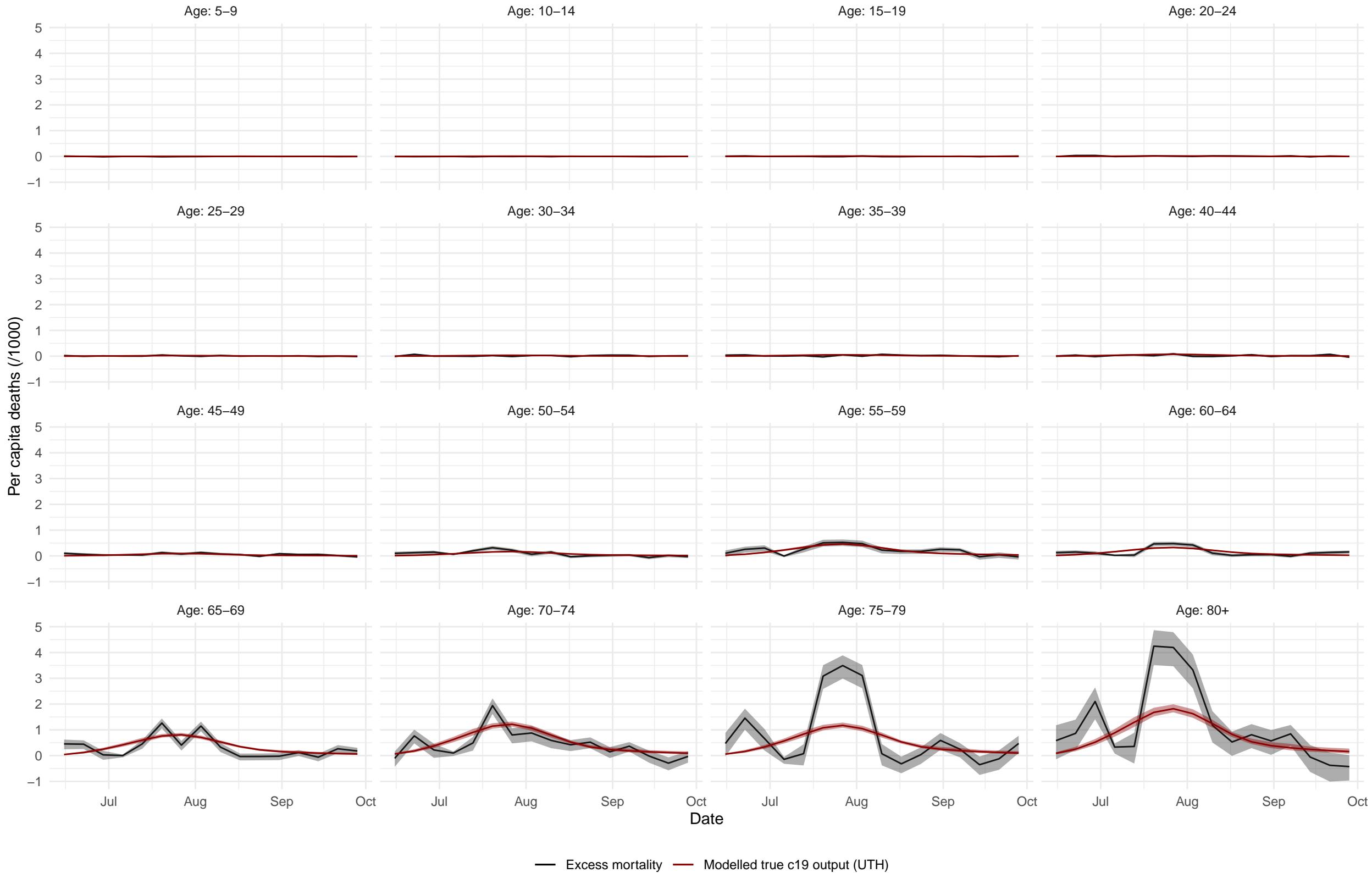


IFR x1.67, Slope x0.8
Lusaka weekly burial registrations



IFR x 1.67, Slope x 0.8

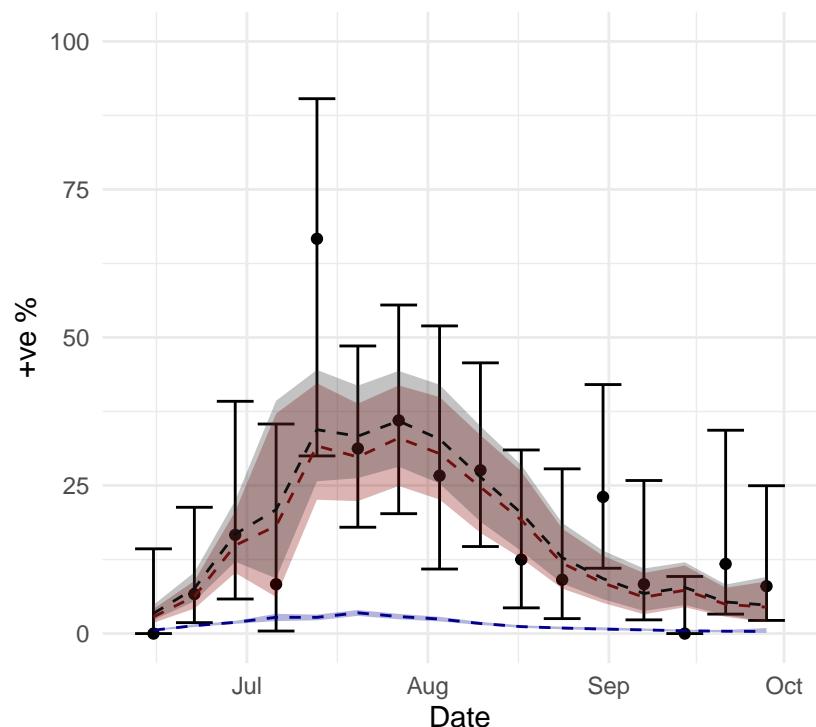
COVID-19 excess mortality: Comparison of MCMC results with squire results



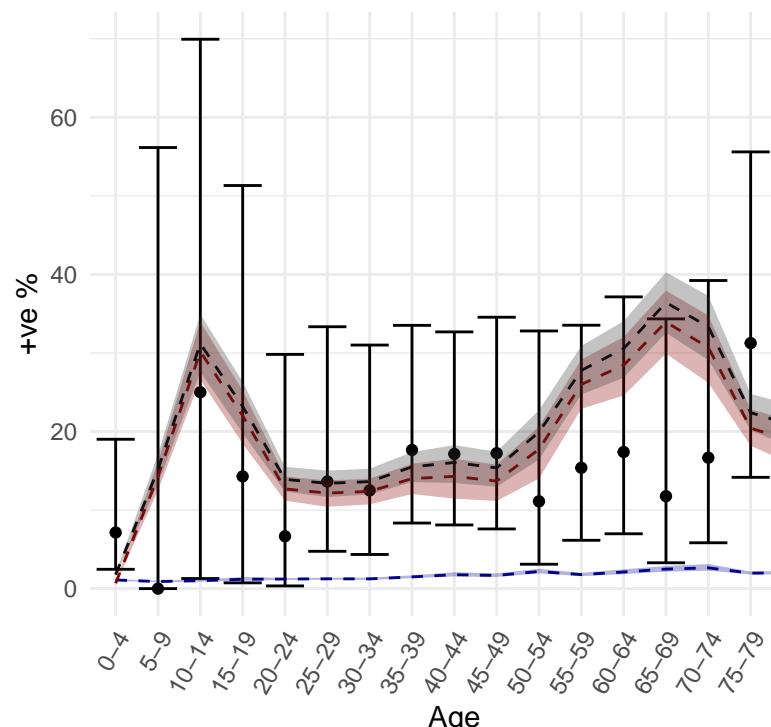
IFR x 2.5, Slope x 0.8

Post-mortem weekly PCR prev.

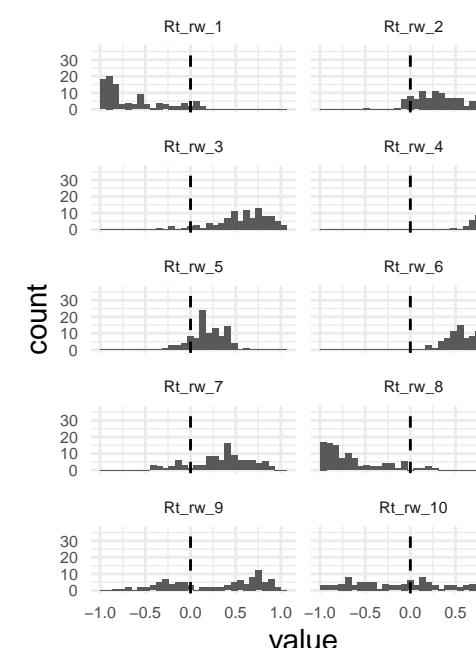
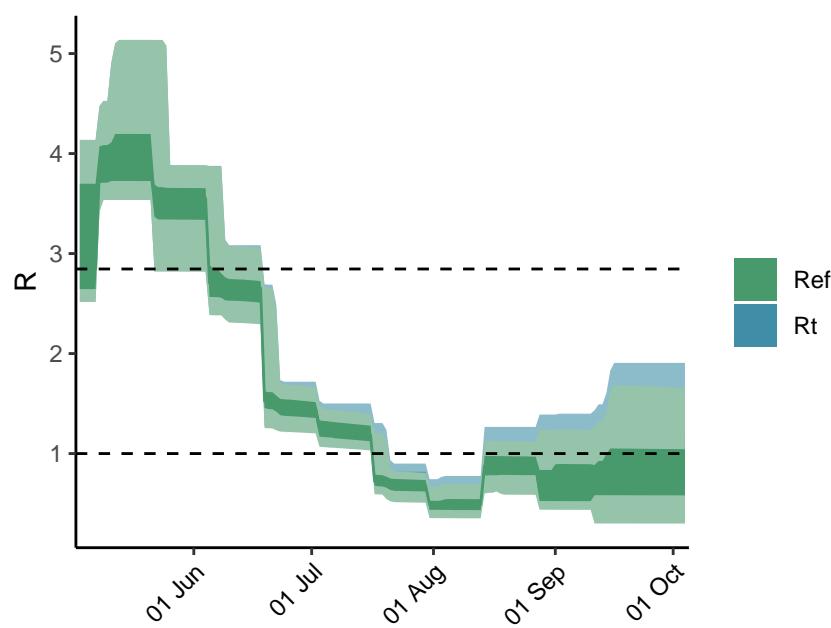
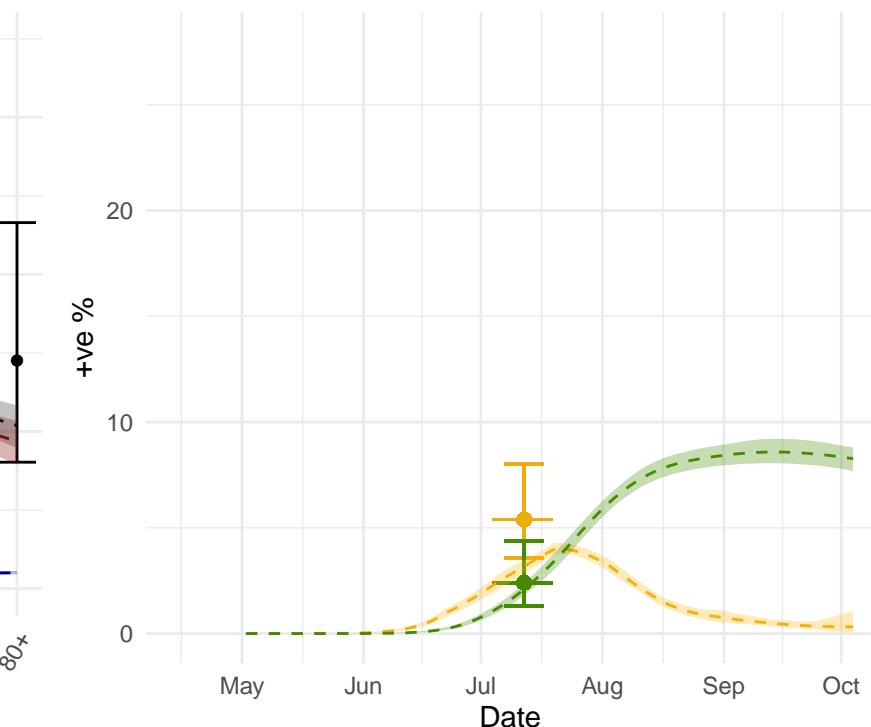
UTH mortuary



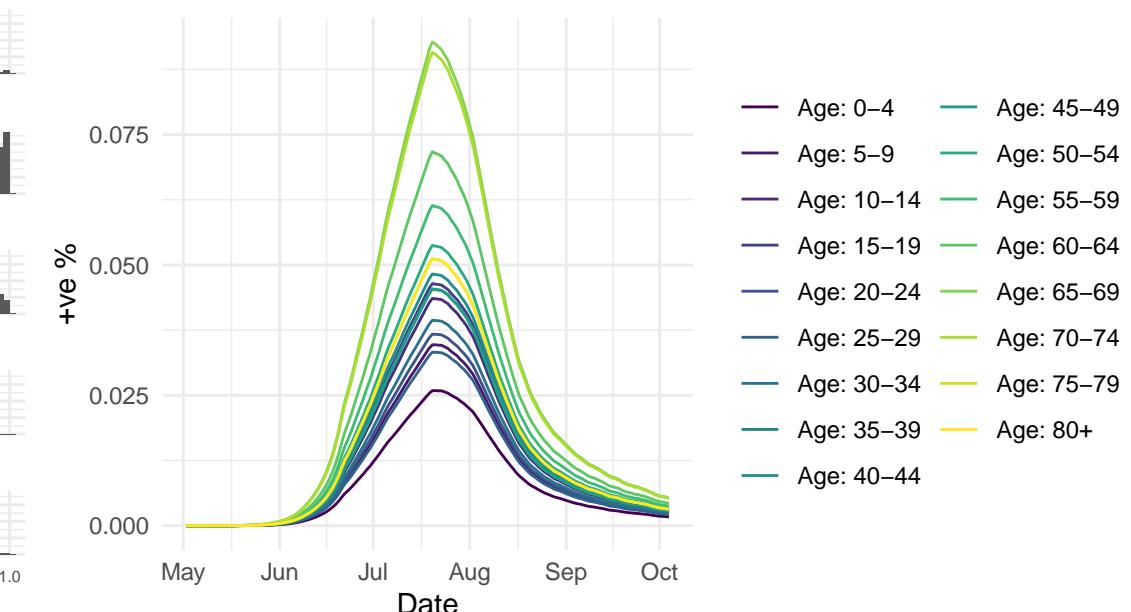
Post-mortem PCR prev. by age
UTH mortuary



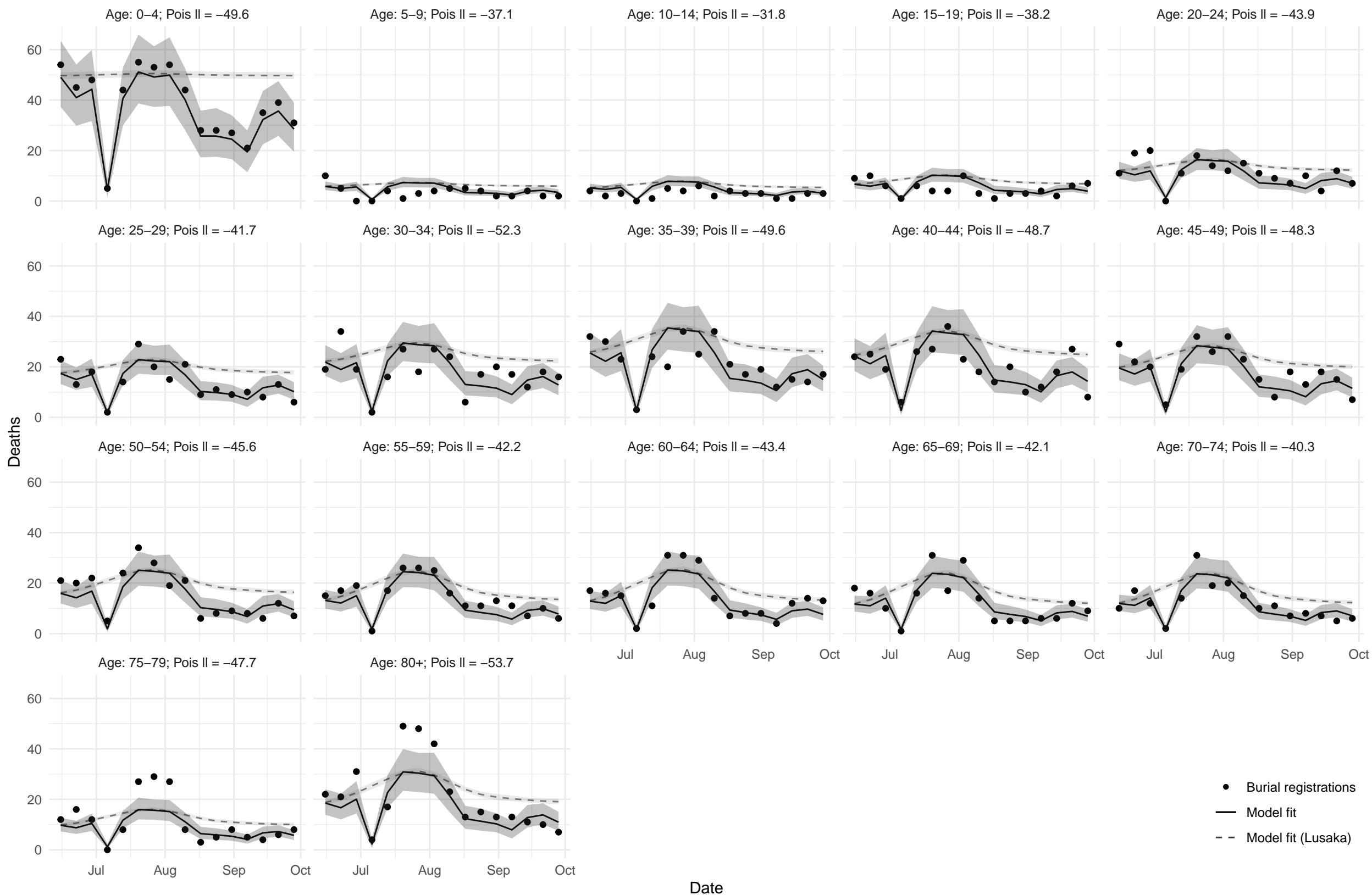
Population prevalence
Lusaka



Modelled PCR %

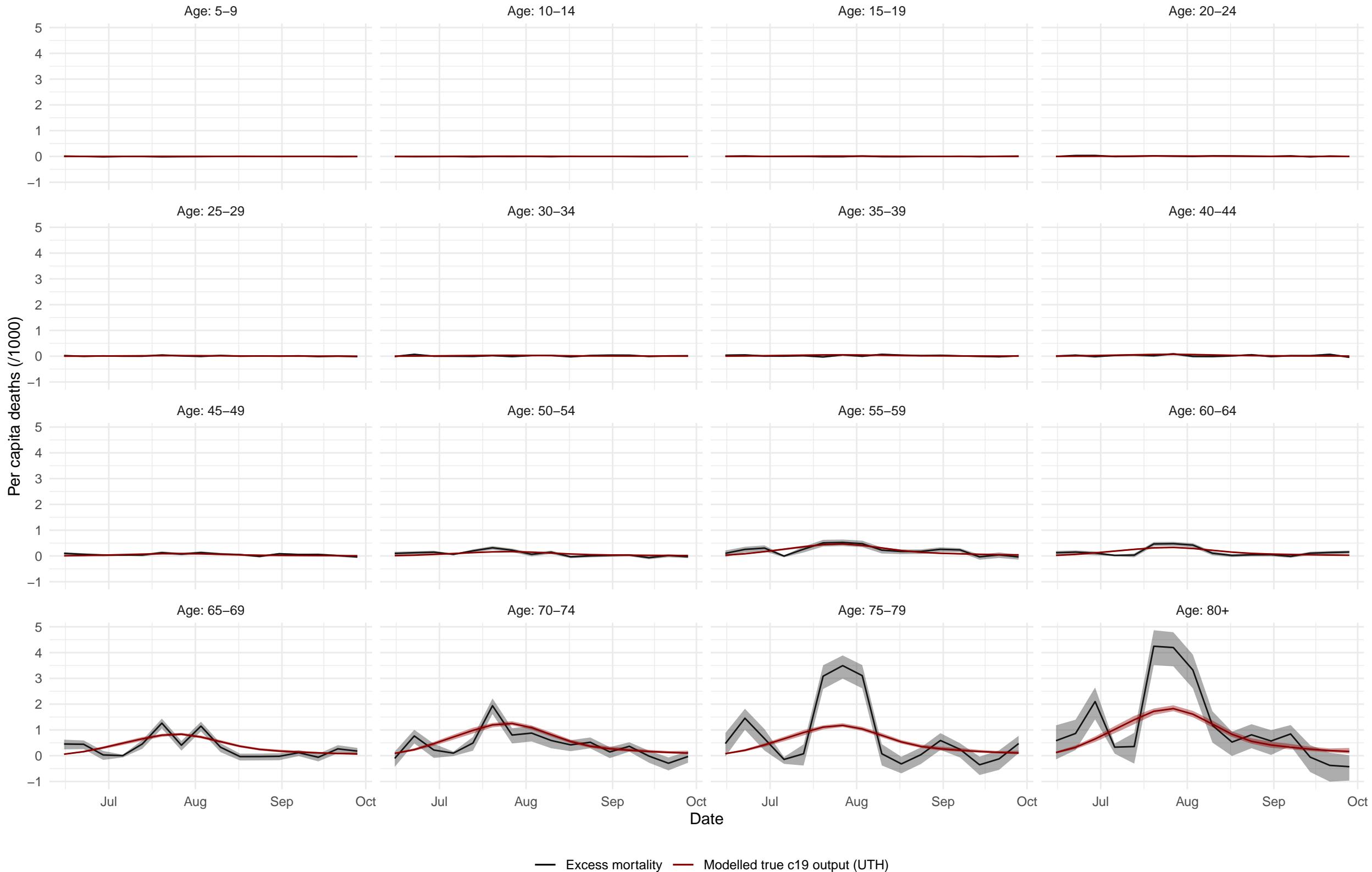


IFR x2.5, Slope x0.8
Lusaka weekly burial registrations



IFR x 2.5, Slope x 0.8

COVID-19 excess mortality: Comparison of MCMC results with squire results

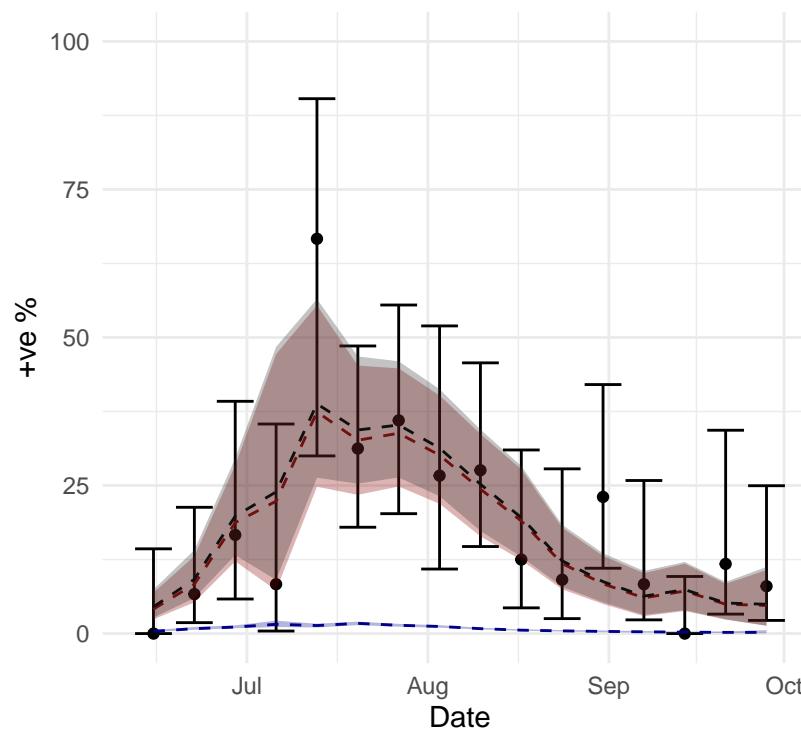


— Excess mortality — Modelled true c19 output (UTH)

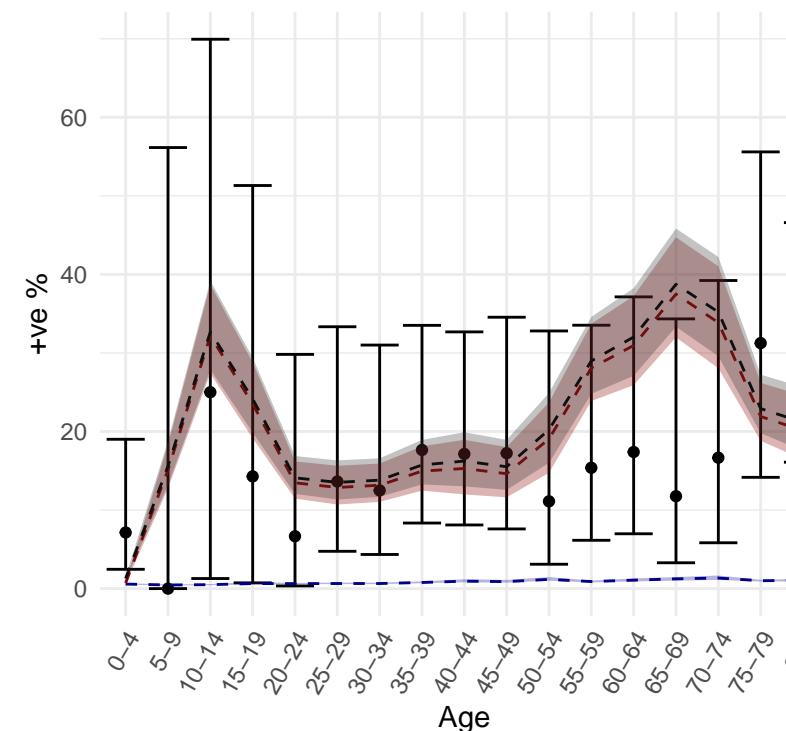
IFR x 5, Slope x 0.8

Post-mortem weekly PCR prev.

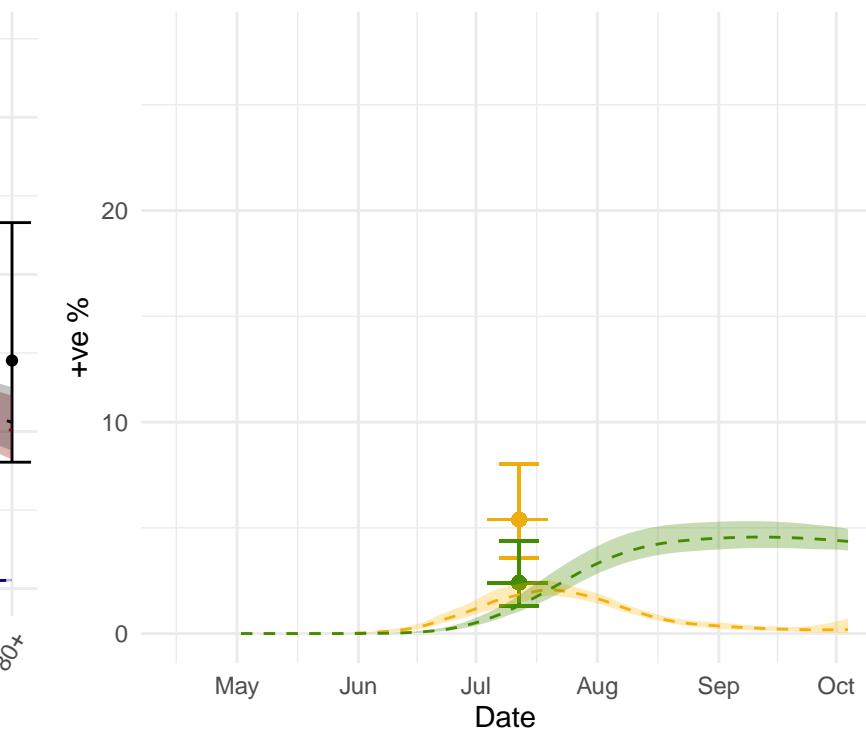
UTH mortuary



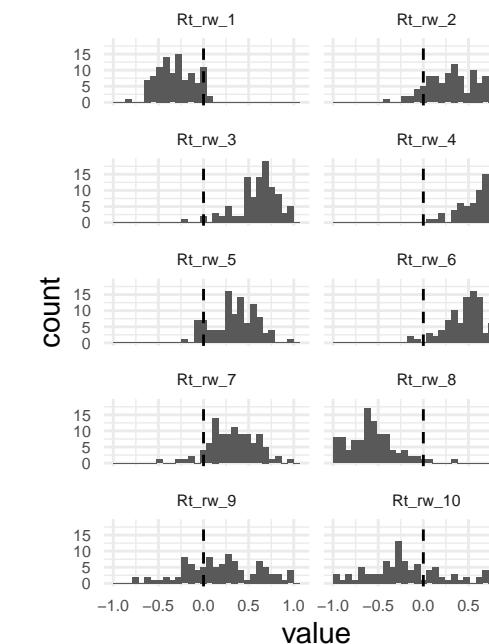
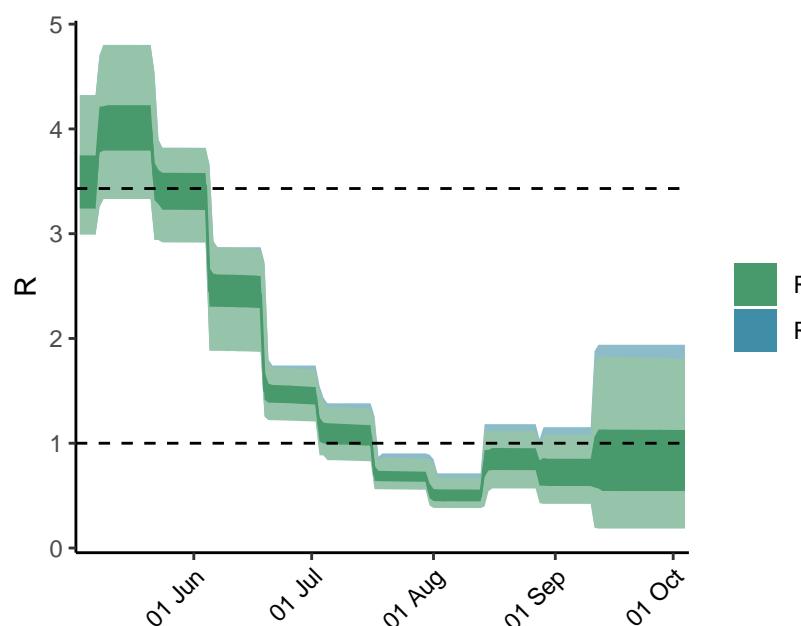
Post-mortem PCR prev. by age
UTH mortuary



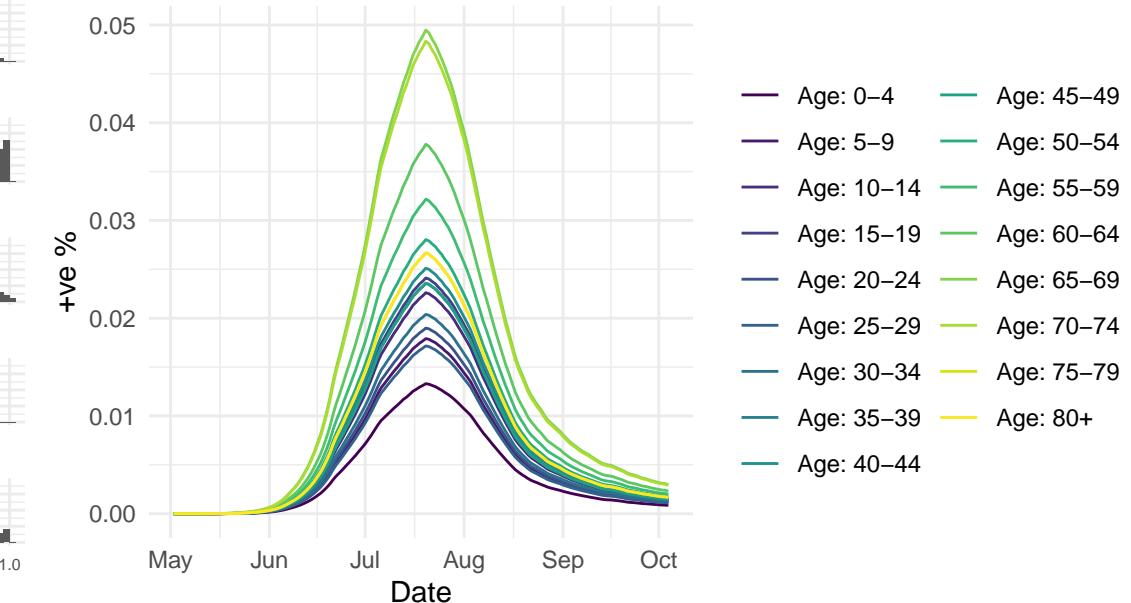
Population prevalence
Lusaka



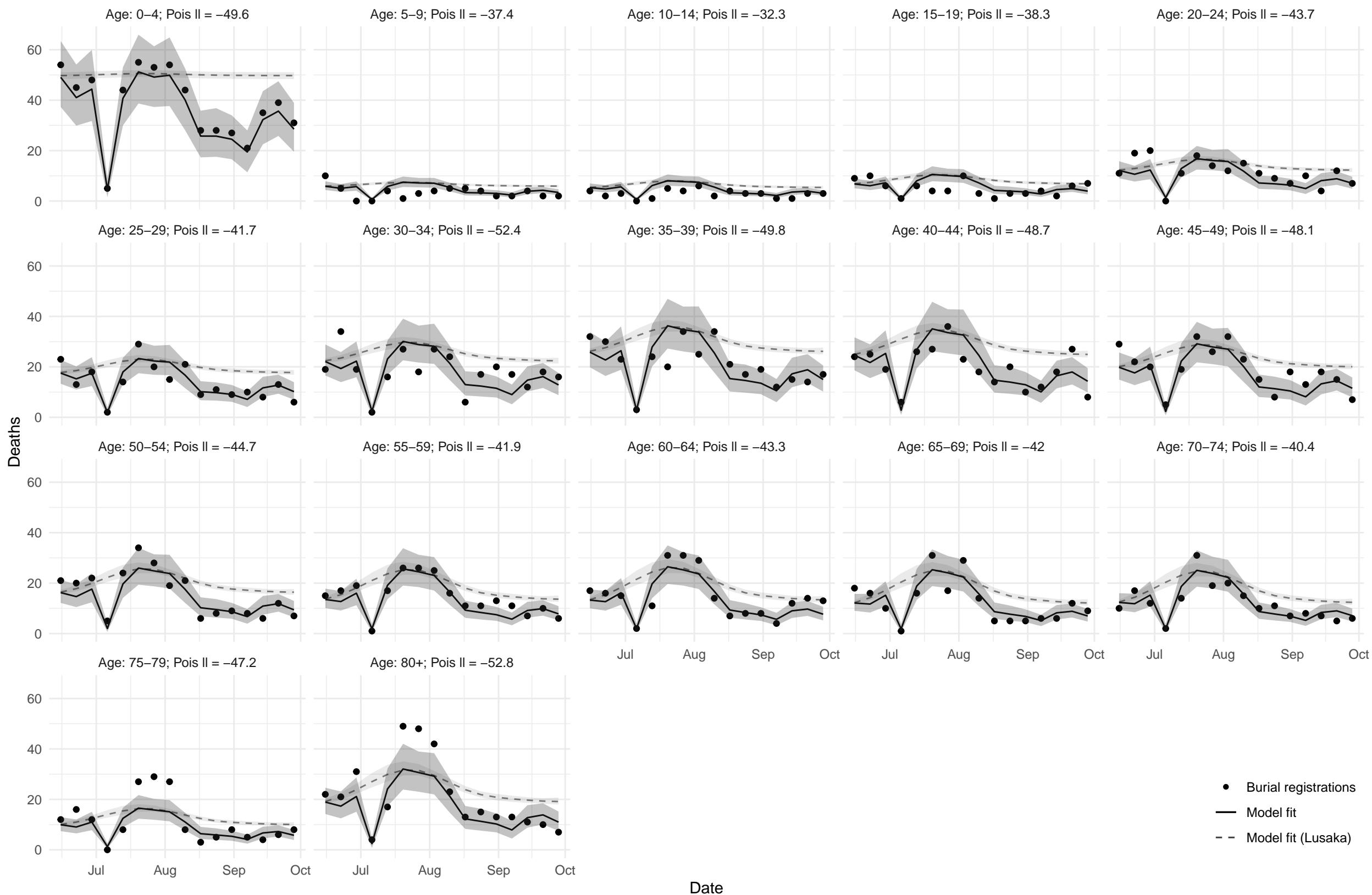
- Total +ve deaths
- - Causal deaths
- - - Coincidental deaths



Modelled PCR %

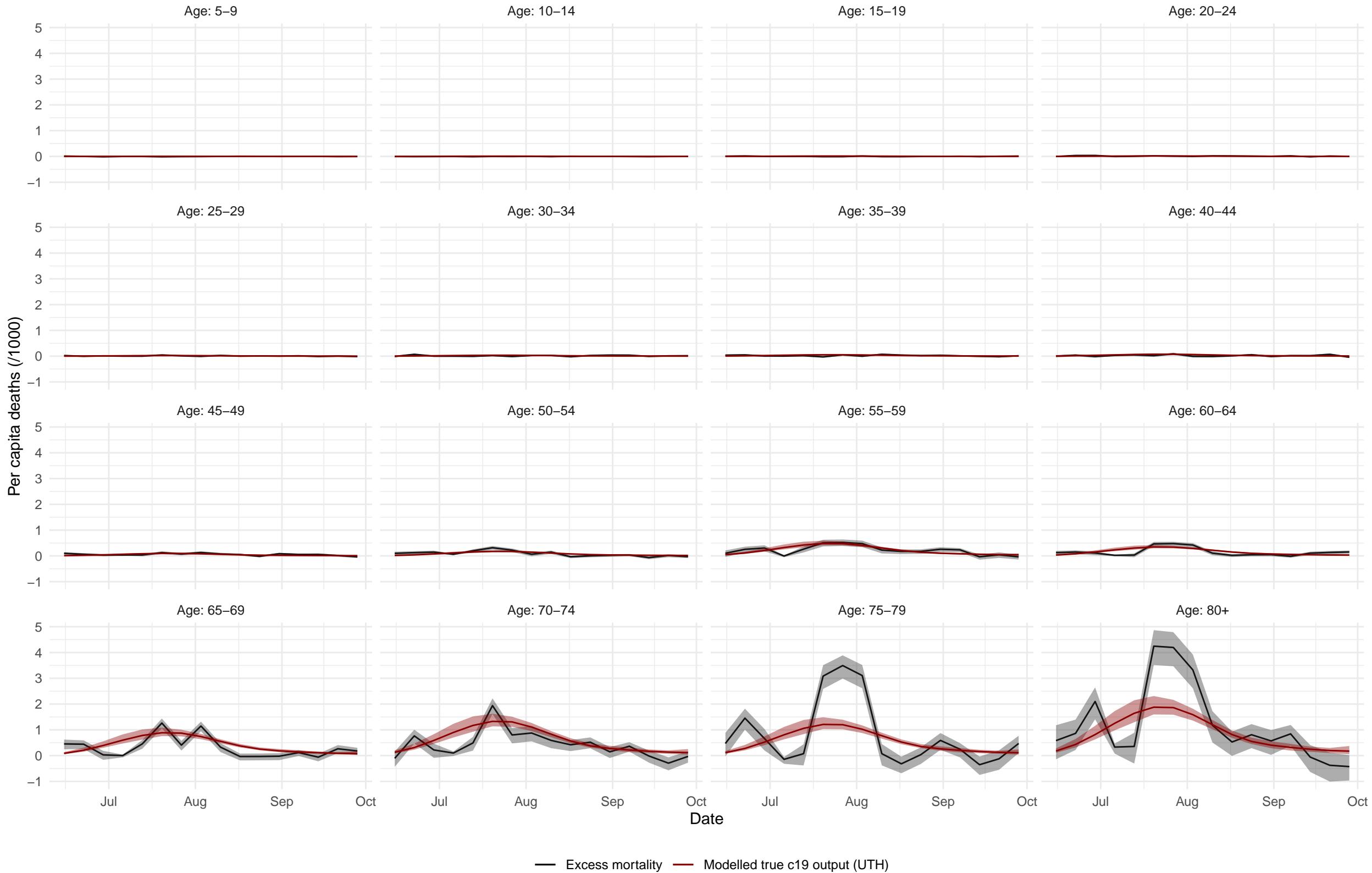


IFR x5, Slope x0.8
Lusaka weekly burial registrations



IFR x 5, Slope x 0.8

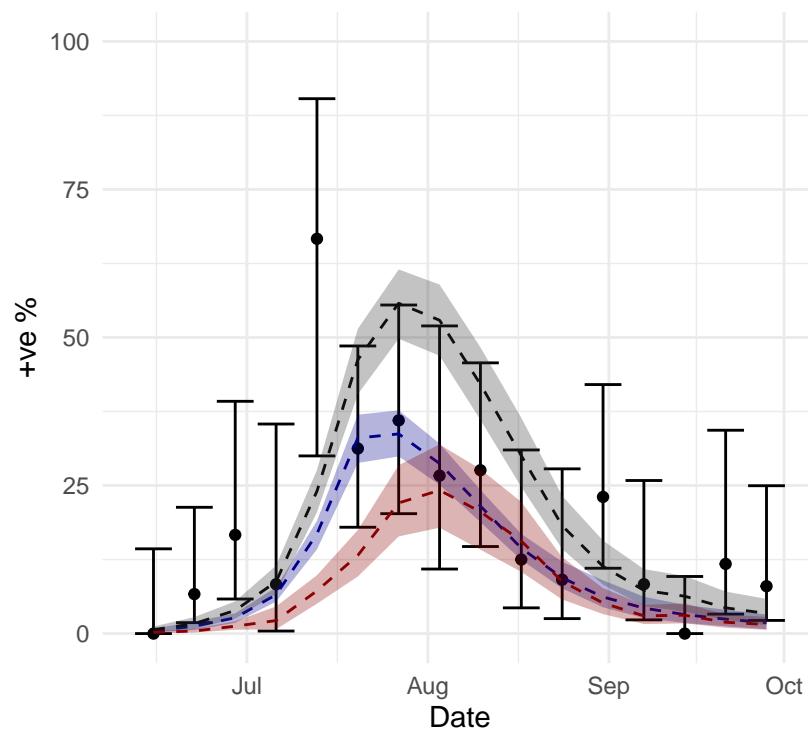
COVID-19 excess mortality: Comparison of MCMC results with squire results



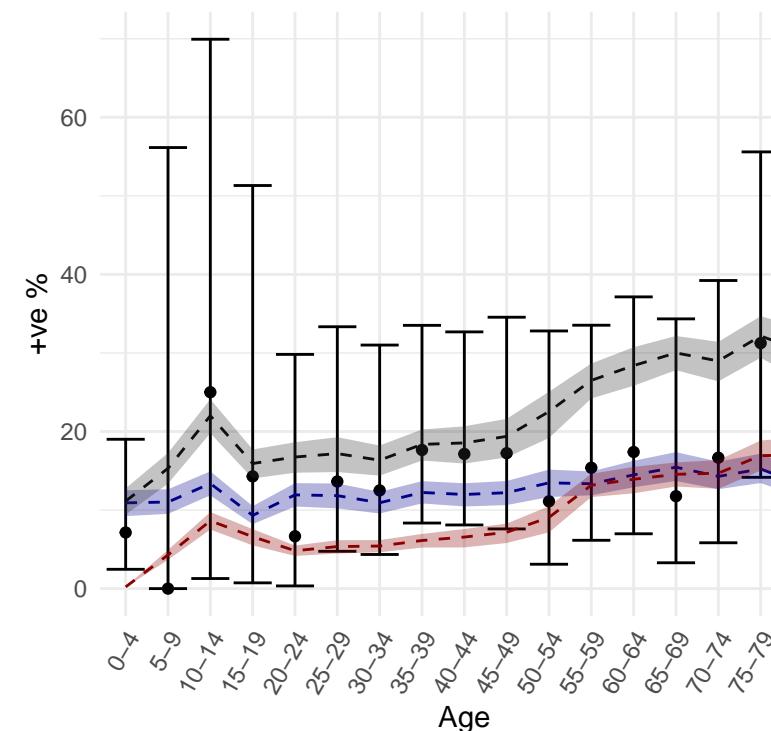
IFR x 0.2, Slope x 1

Post-mortem weekly PCR prev.

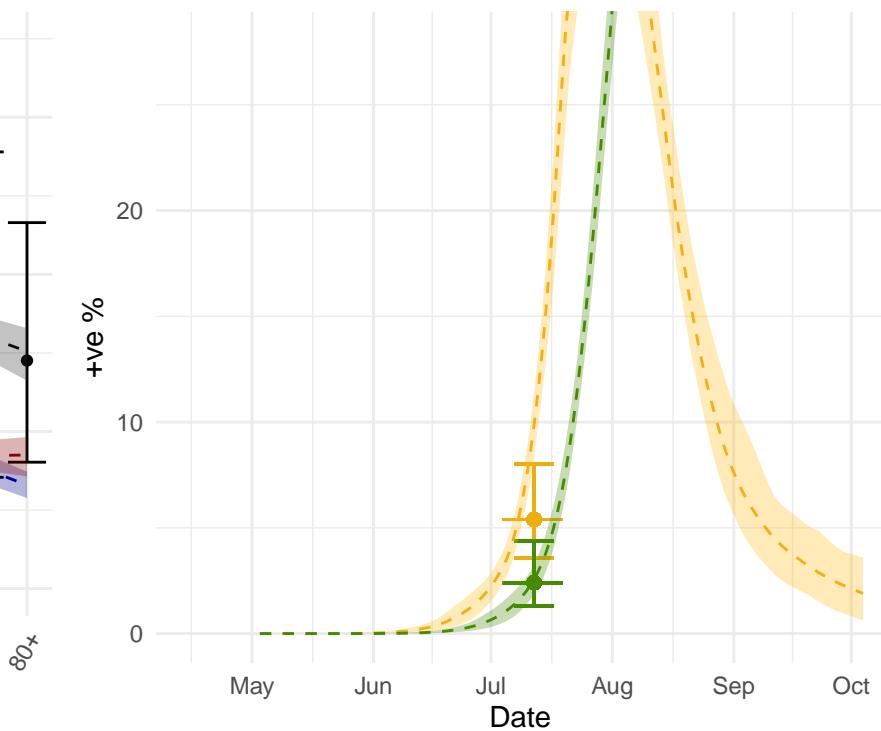
UTH mortuary



Post-mortem PCR prev. by age
UTH mortuary

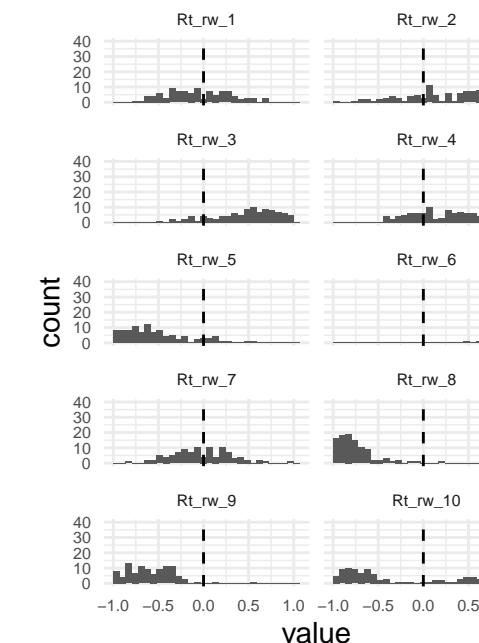
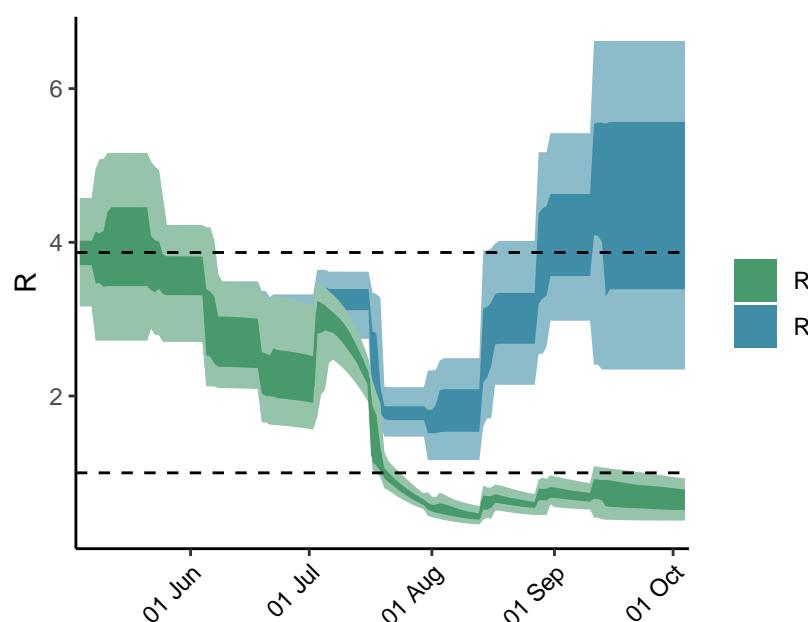


Population prevalence
Lusaka

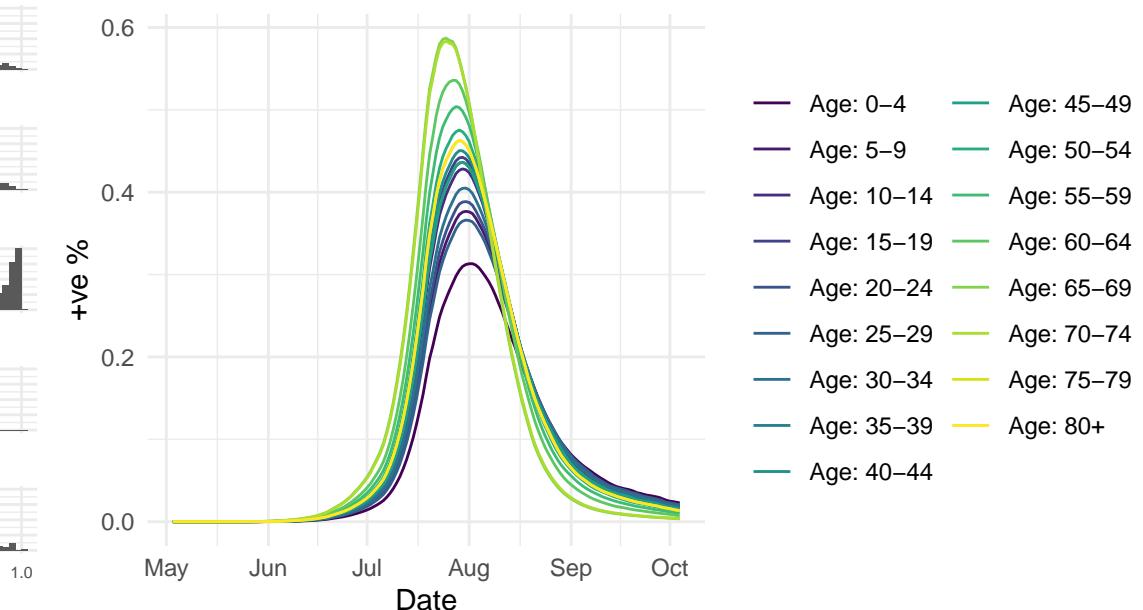


R_{eff}

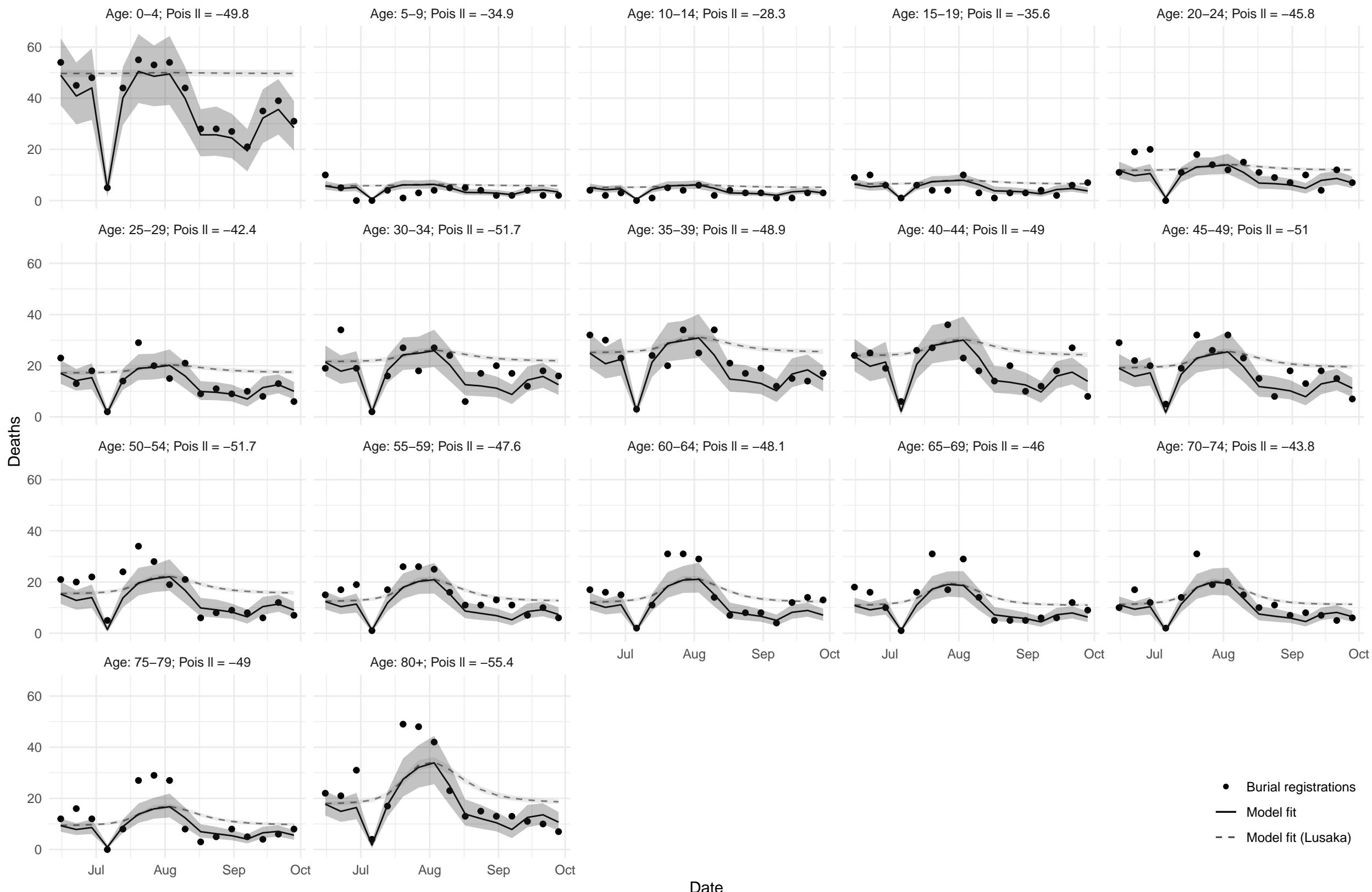
R_t



Modelled PCR %

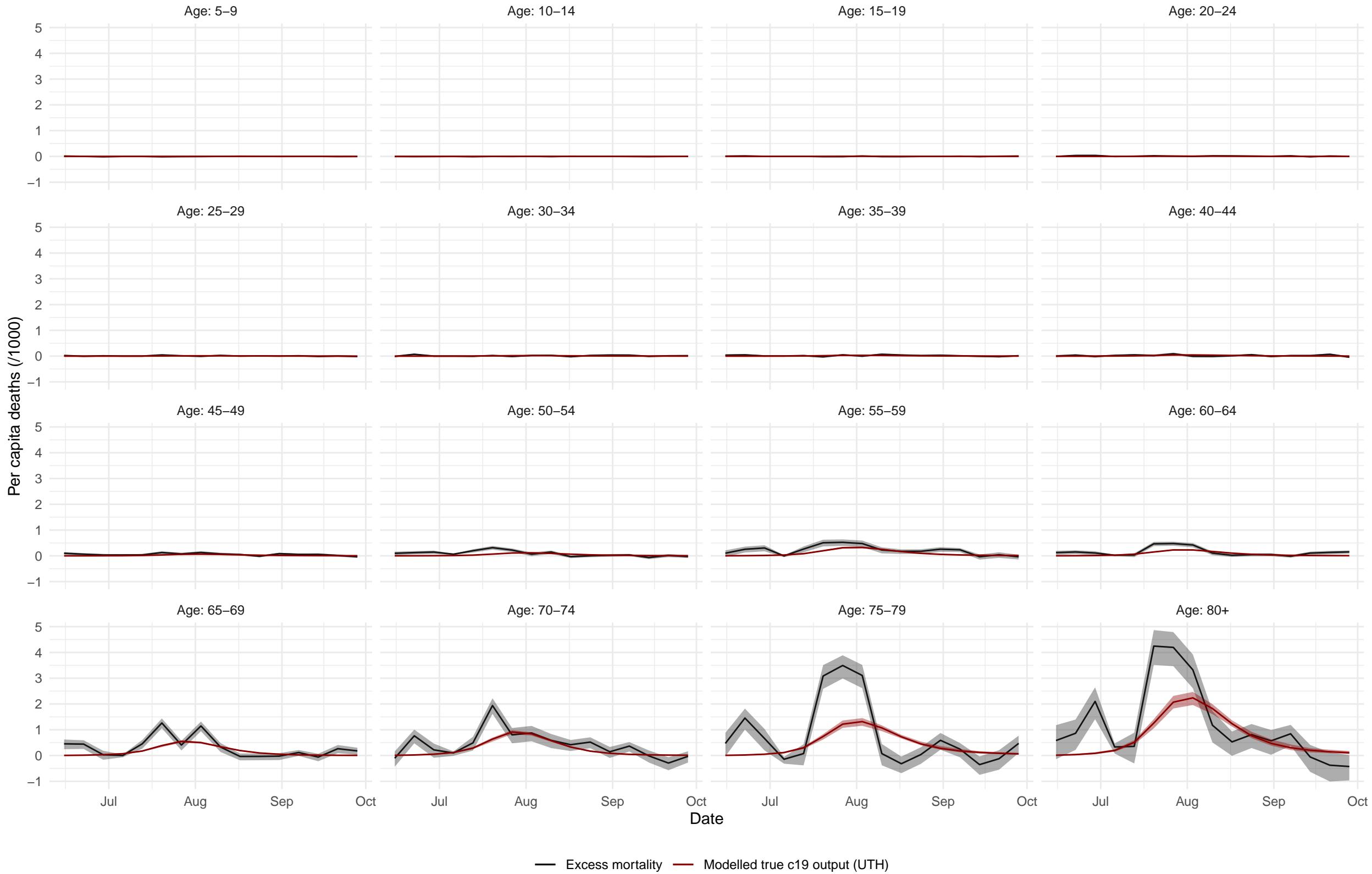


IFR x0.2, Slope x1
Lusaka weekly burial registrations



IFR x 0.2, Slope x 1

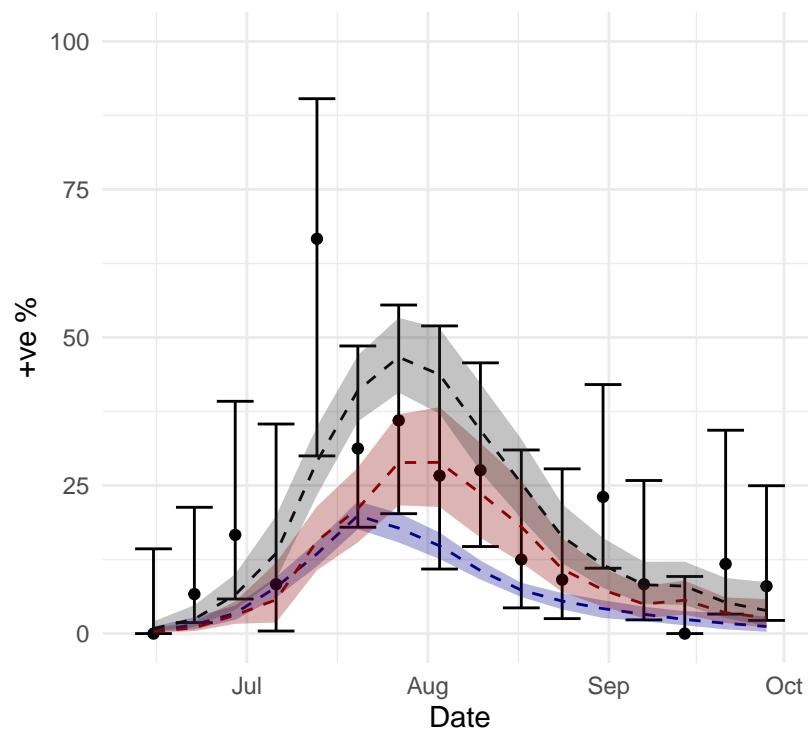
COVID-19 excess mortality: Comparison of MCMC results with squire results



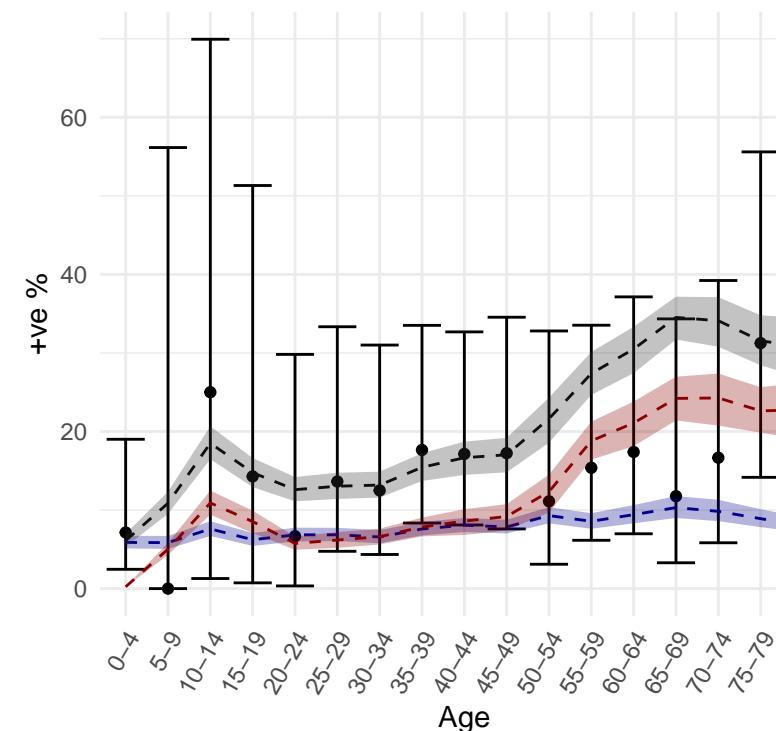
IFR x 0.4, Slope x 1

Post-mortem weekly PCR prev.

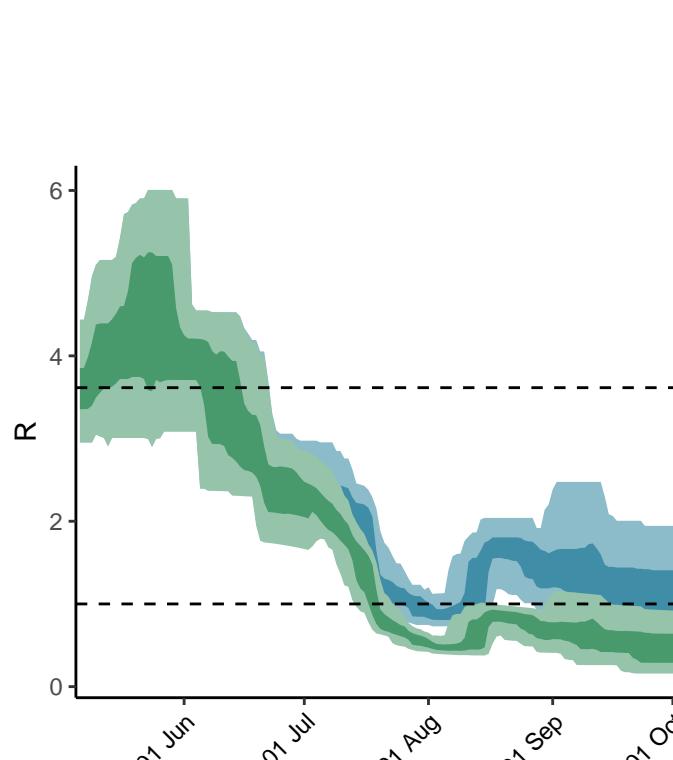
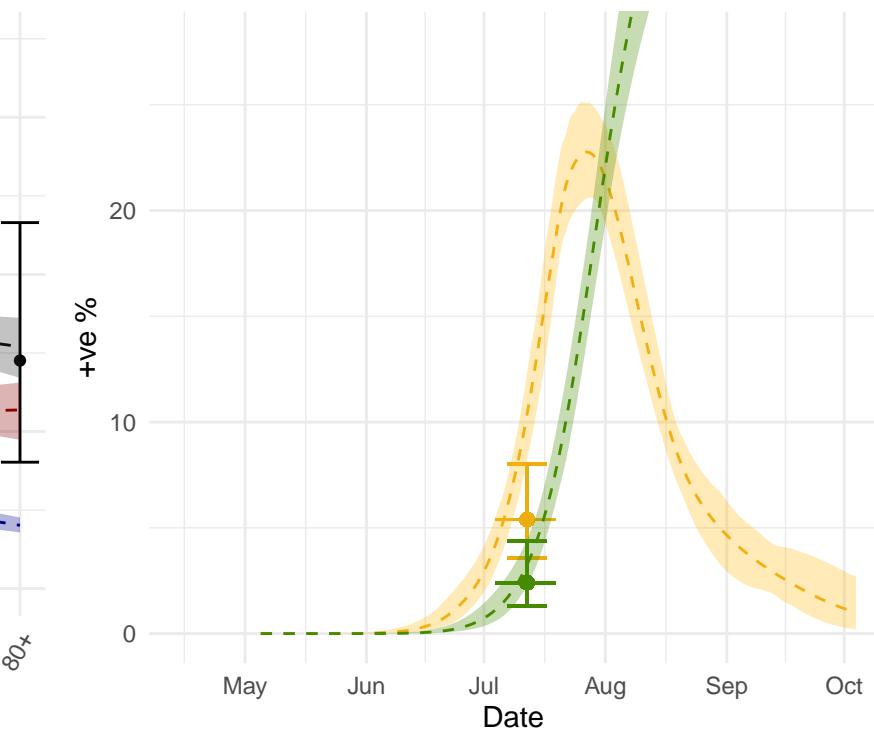
UTH mortuary



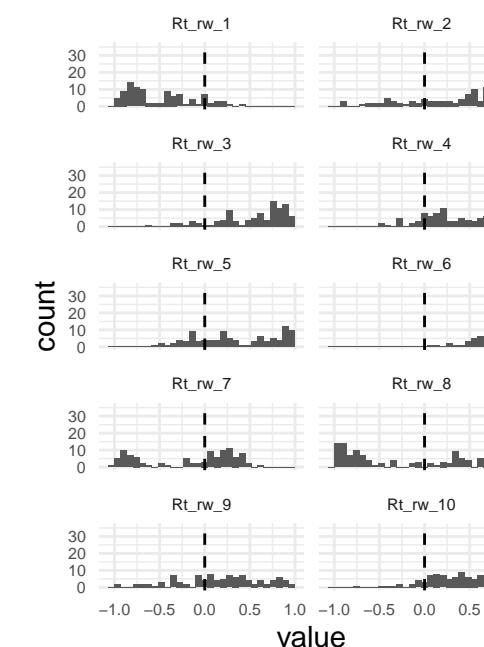
Post-mortem PCR prev. by age
UTH mortuary



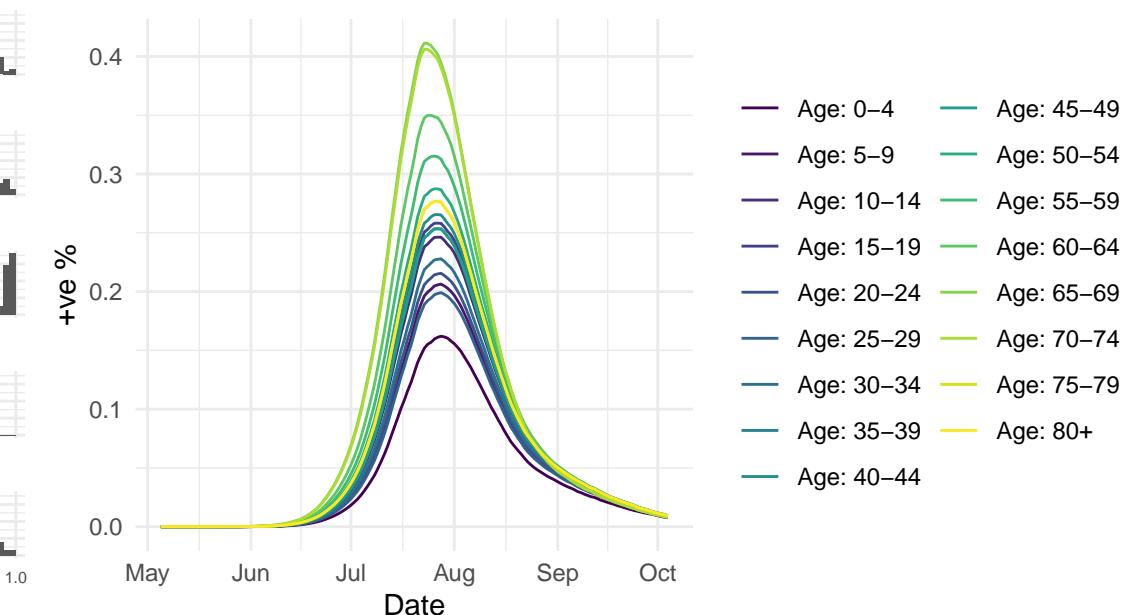
Population prevalence
Lusaka



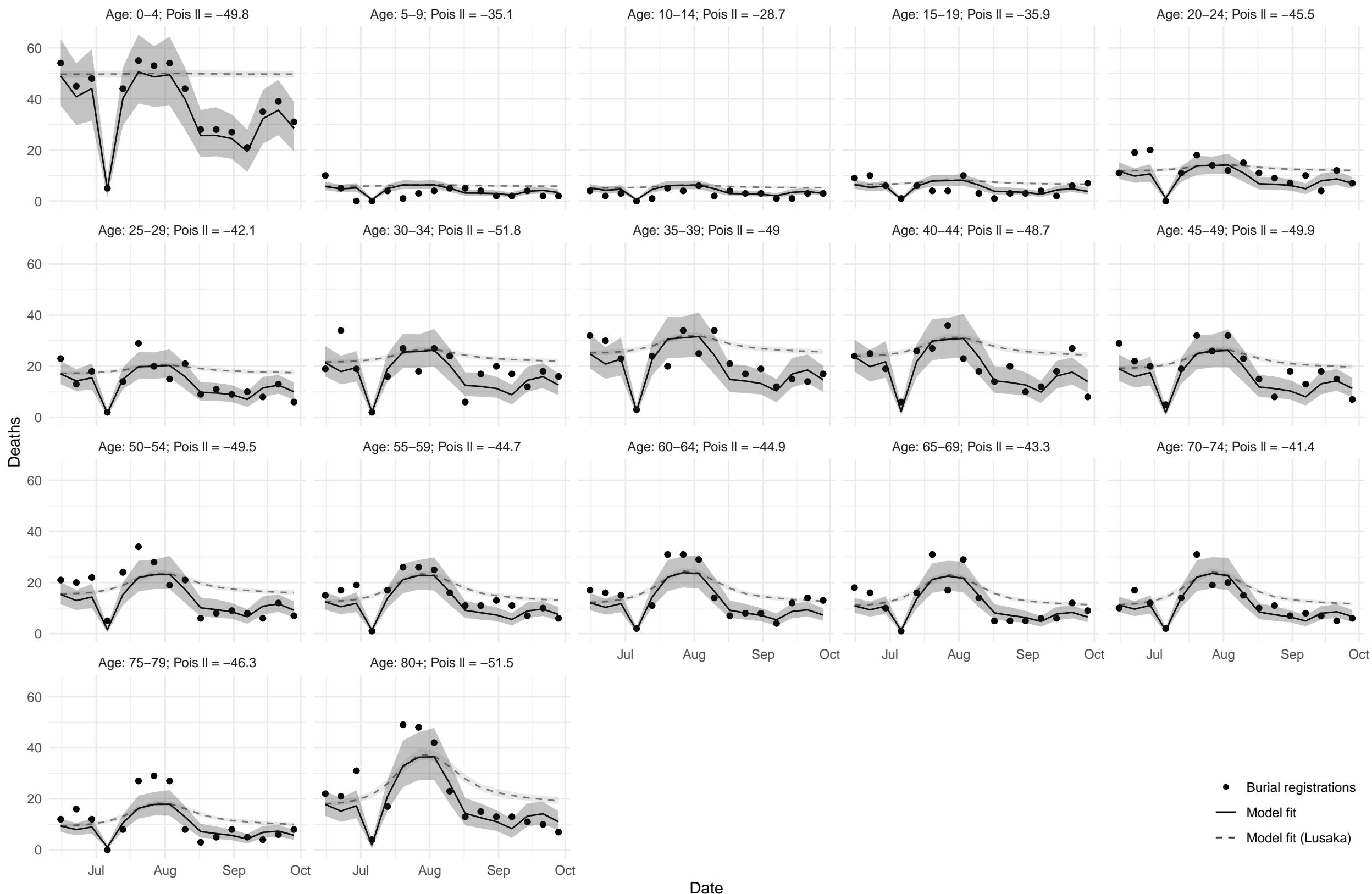
- - Total +ve deaths
- - Causal deaths
- - Coincidental deaths



Modelled PCR %

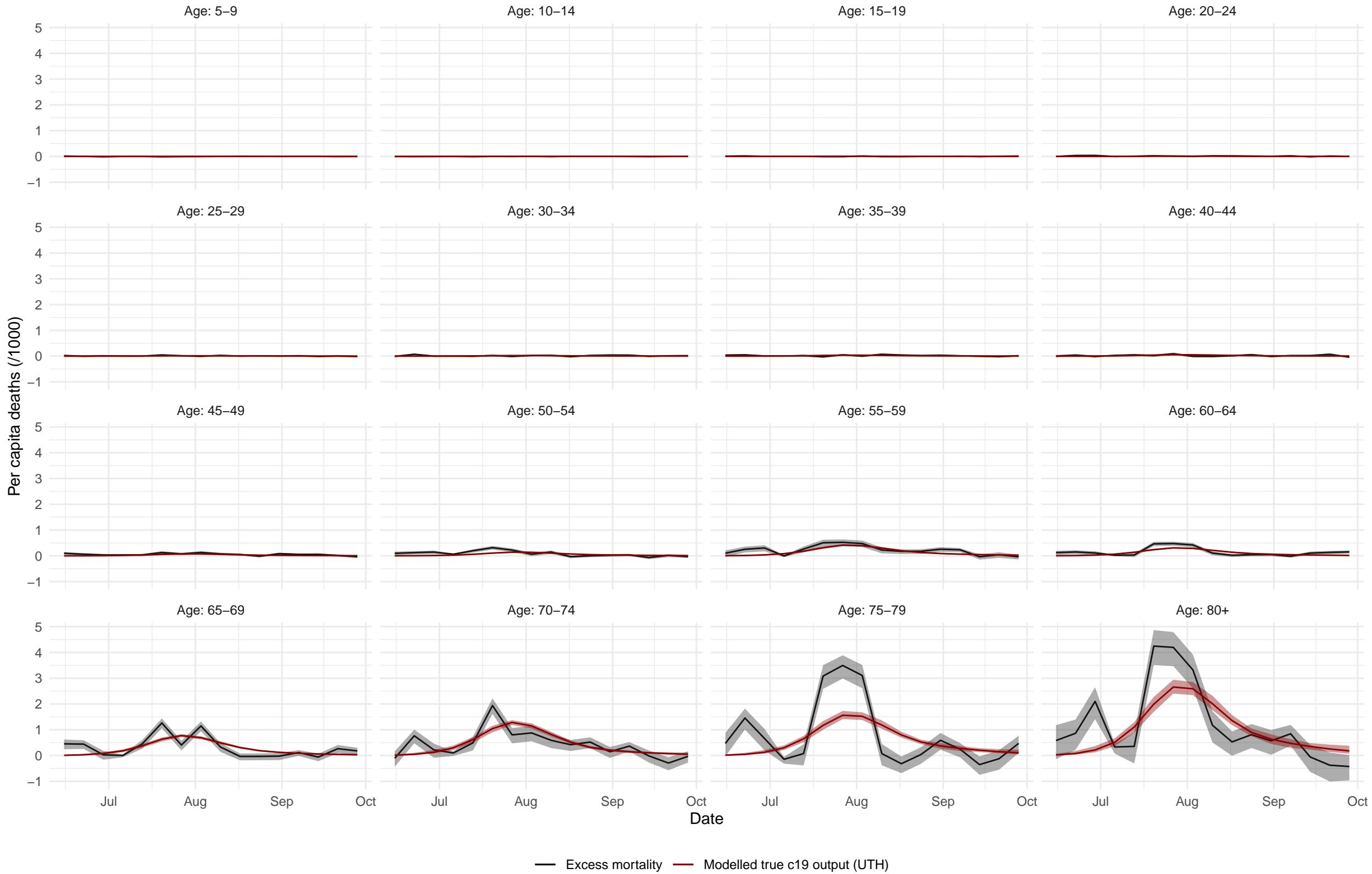


IFR x0.4, Slope x1
Lusaka weekly burial registrations



IFR x 0.4, Slope x 1

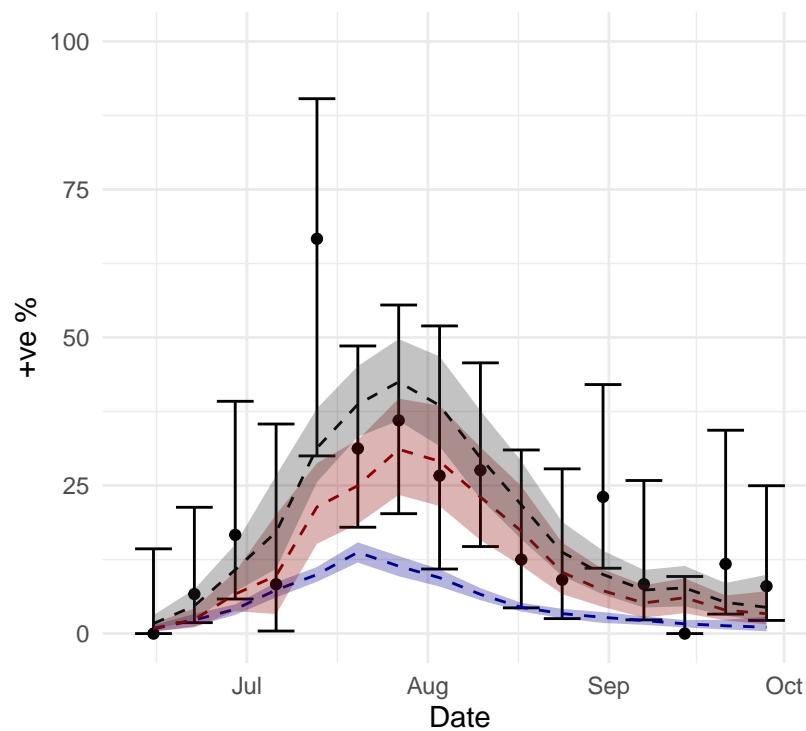
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 0.6, Slope x 1

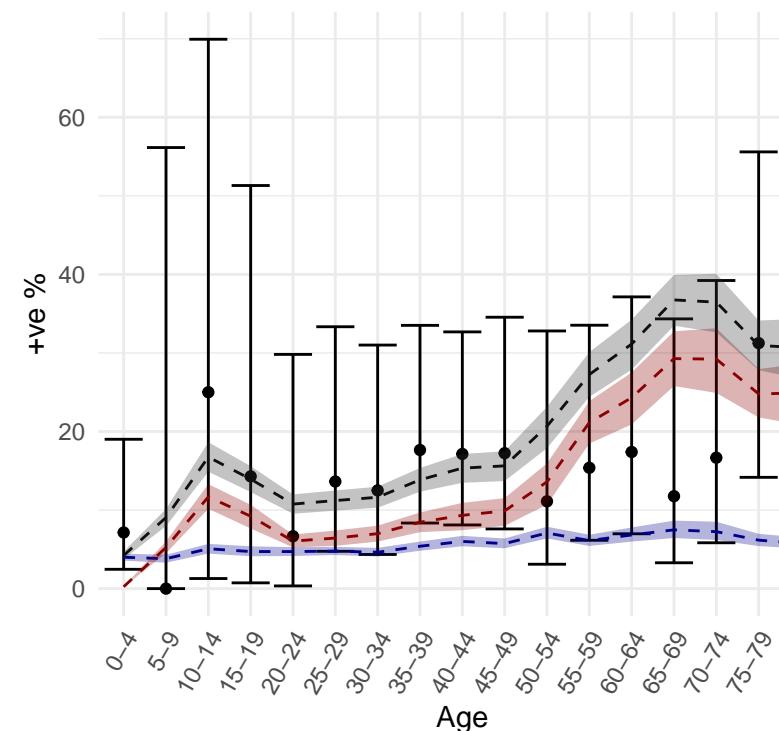
Post-mortem weekly PCR prev.

UTH mortuary

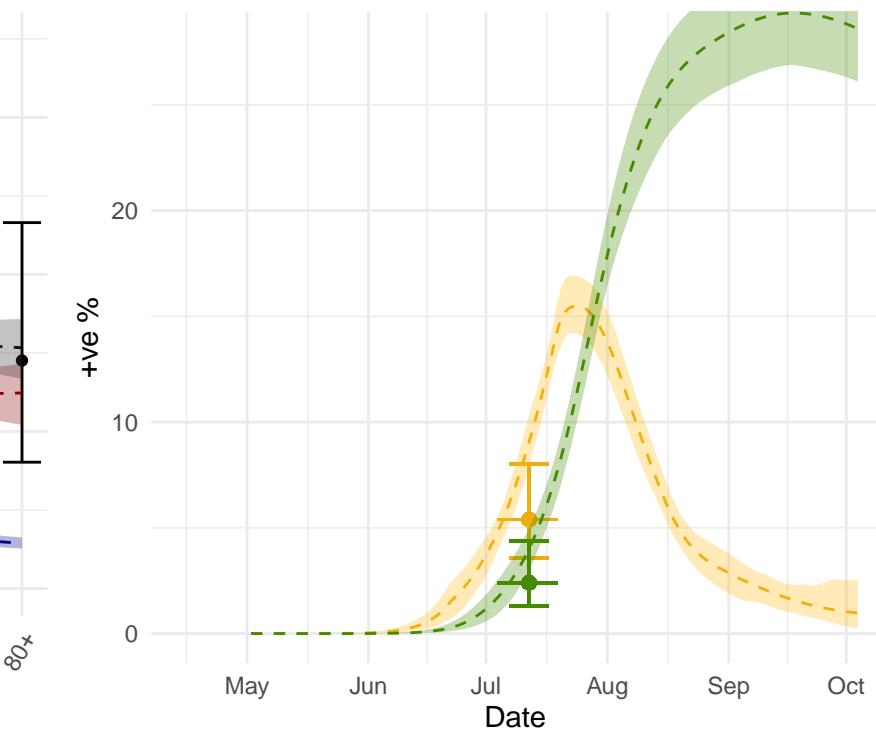


- - Total +ve deaths
- - Causal deaths
- - Coincidental deaths

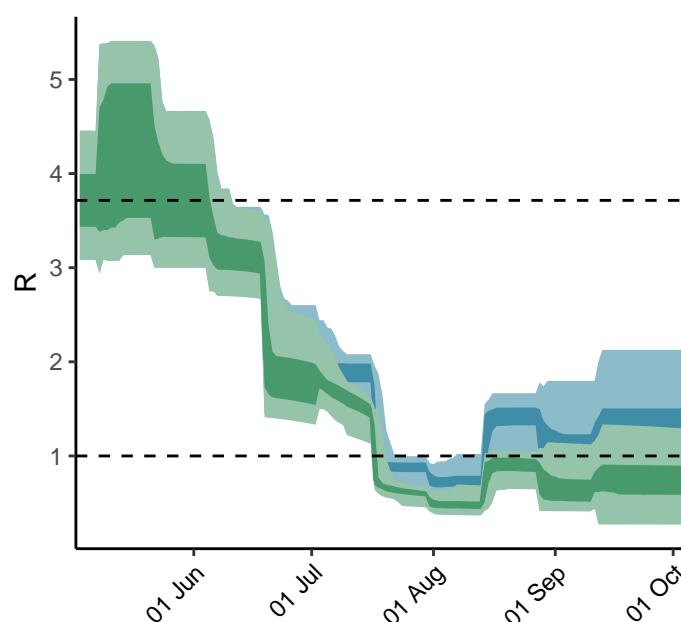
Post-mortem PCR prev. by age
UTH mortuary



Population prevalence
Lusaka

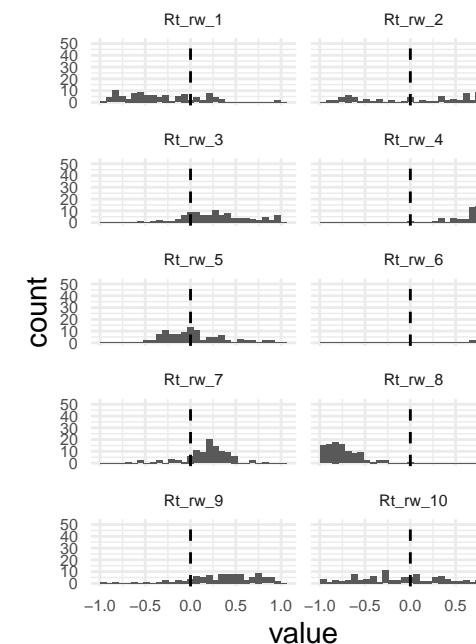


- PCR % (Lusaka)
- Sero % (Lusaka)

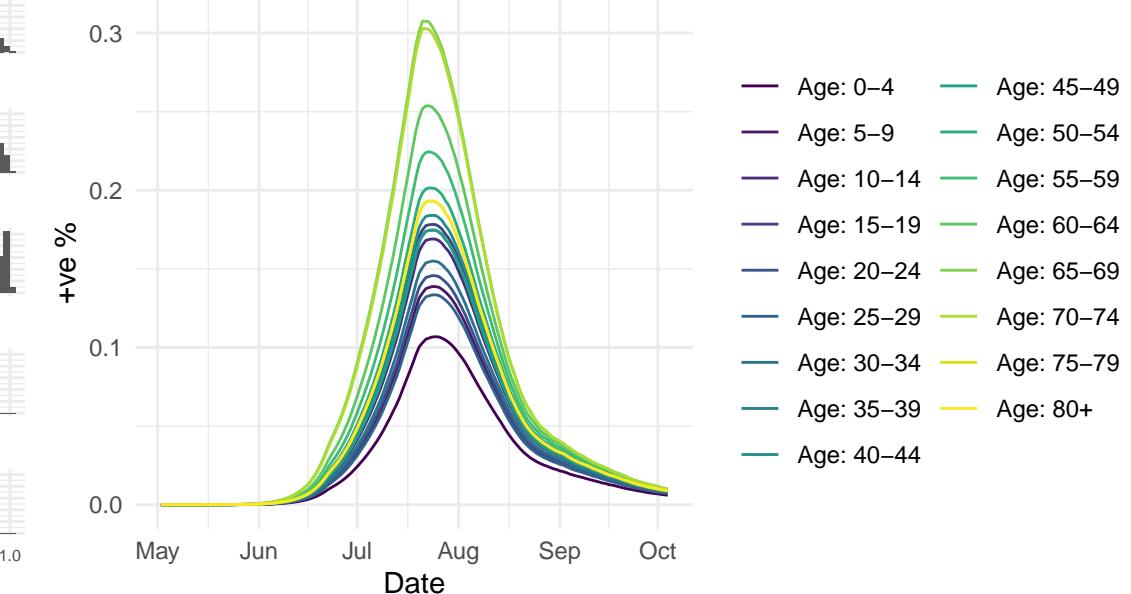


R_{eff}

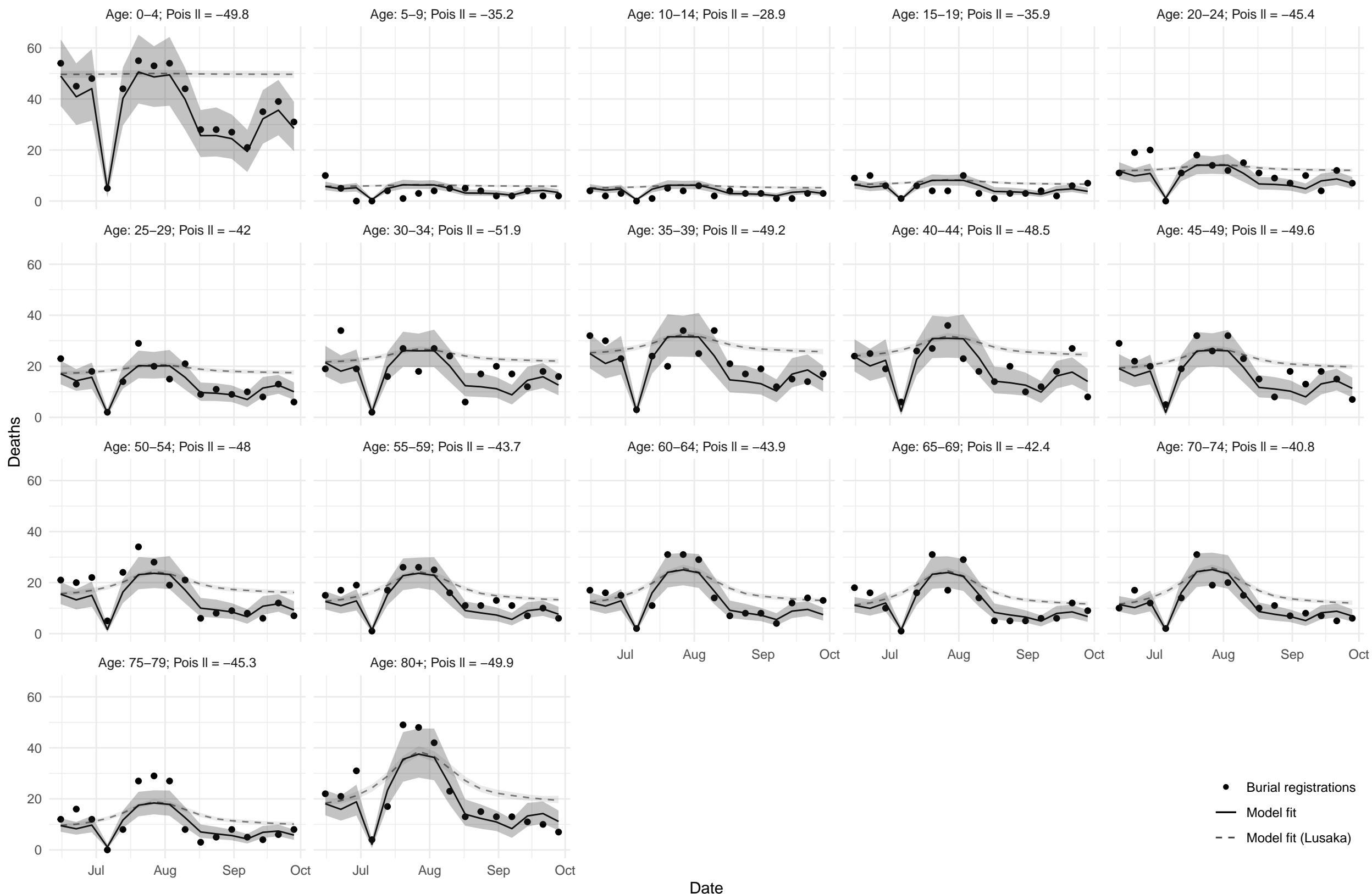
R_t



Modelled PCR %

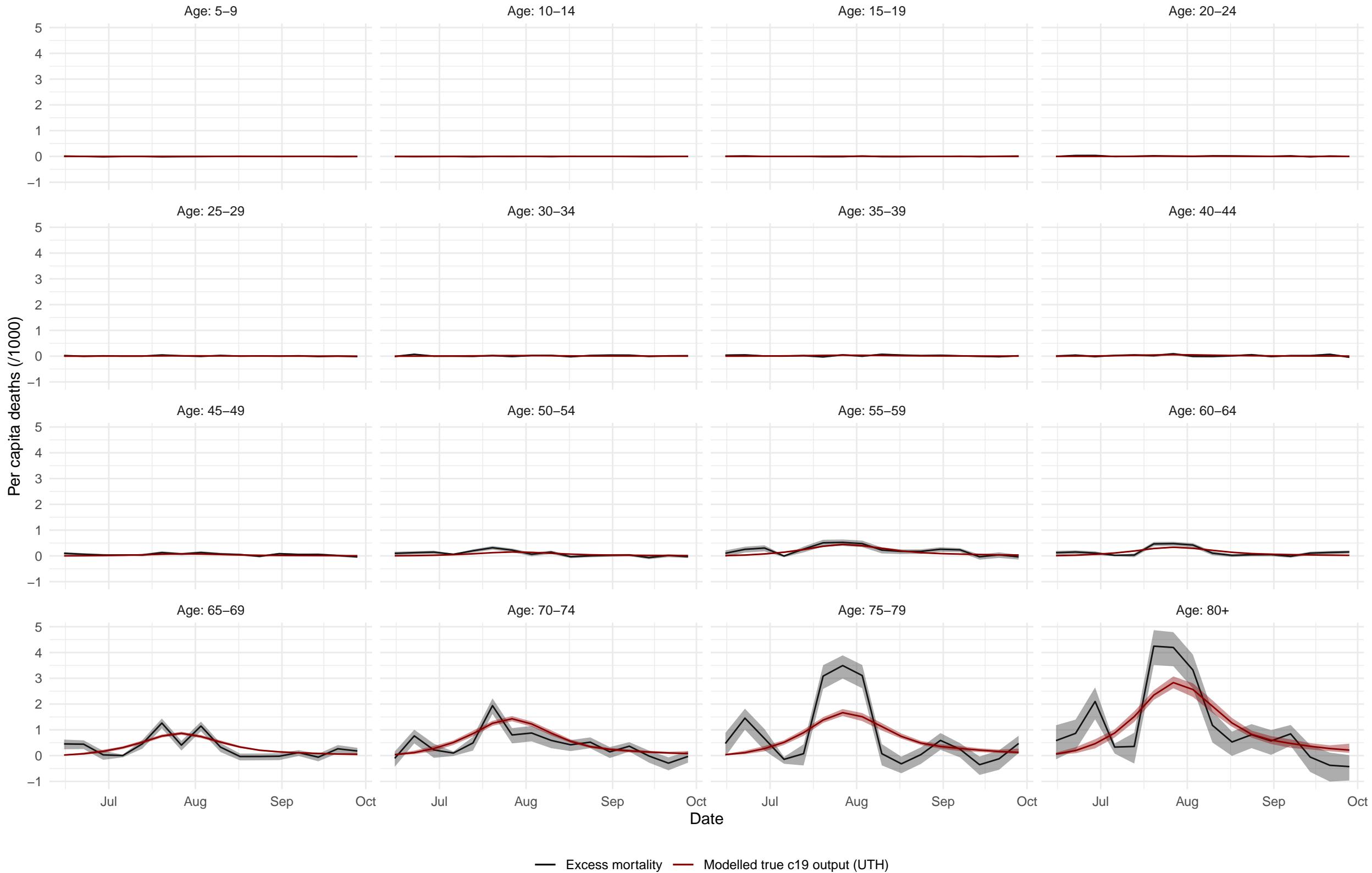


IFR x0.6, Slope x1
Lusaka weekly burial registrations



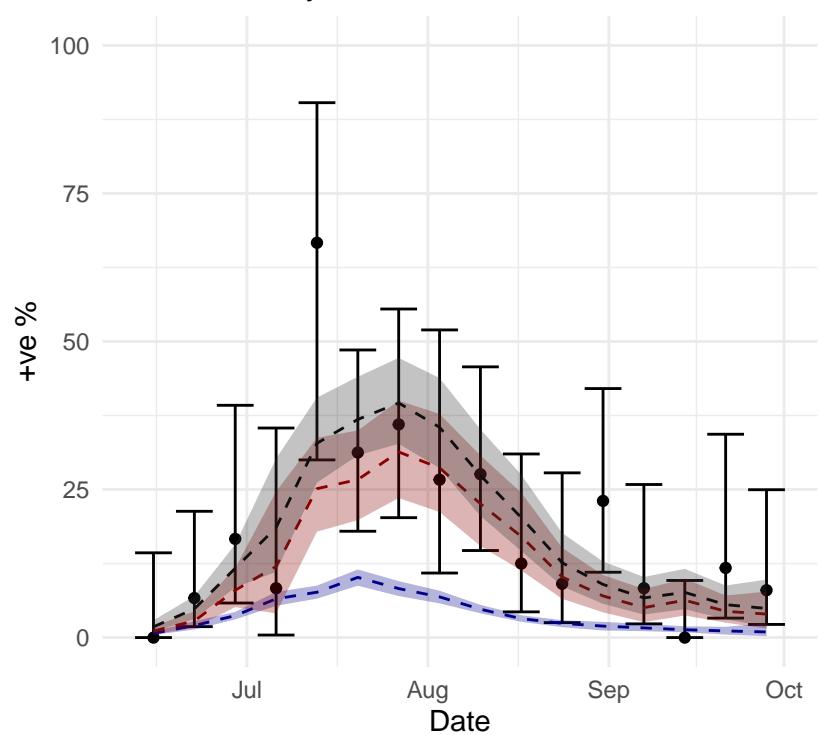
IFR x 0.6, Slope x 1

COVID-19 excess mortality: Comparison of MCMC results with squire results

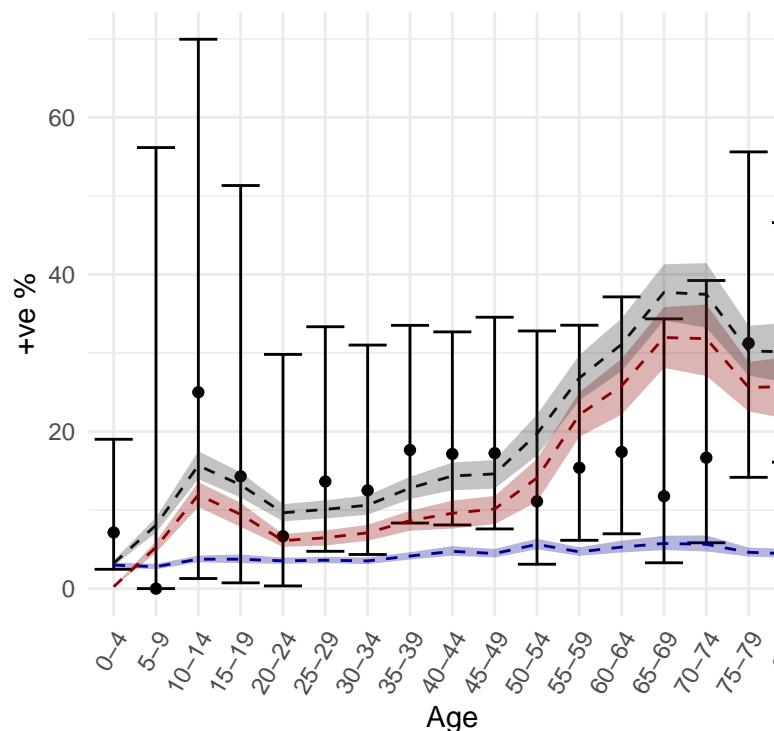


IFR x 0.8, Slope x 1

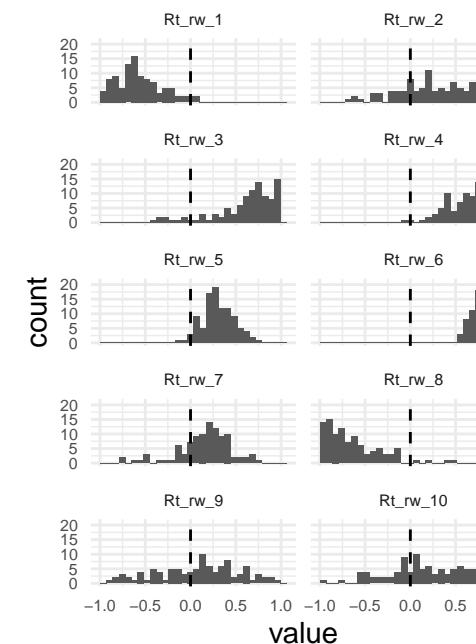
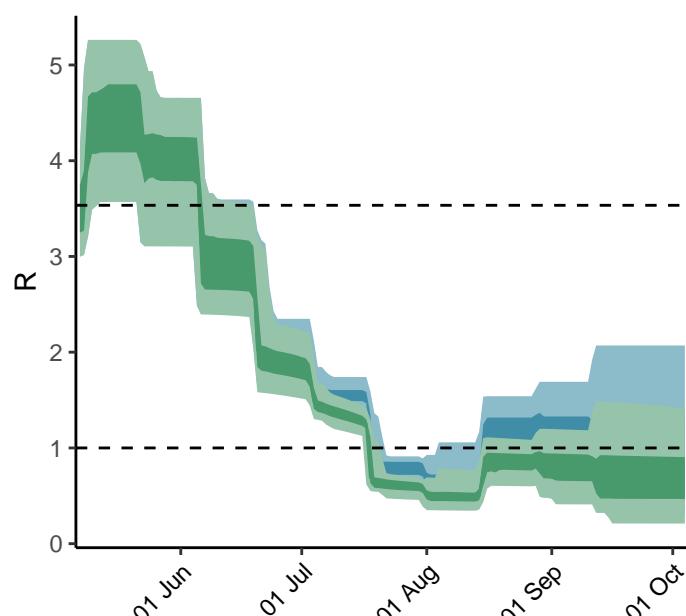
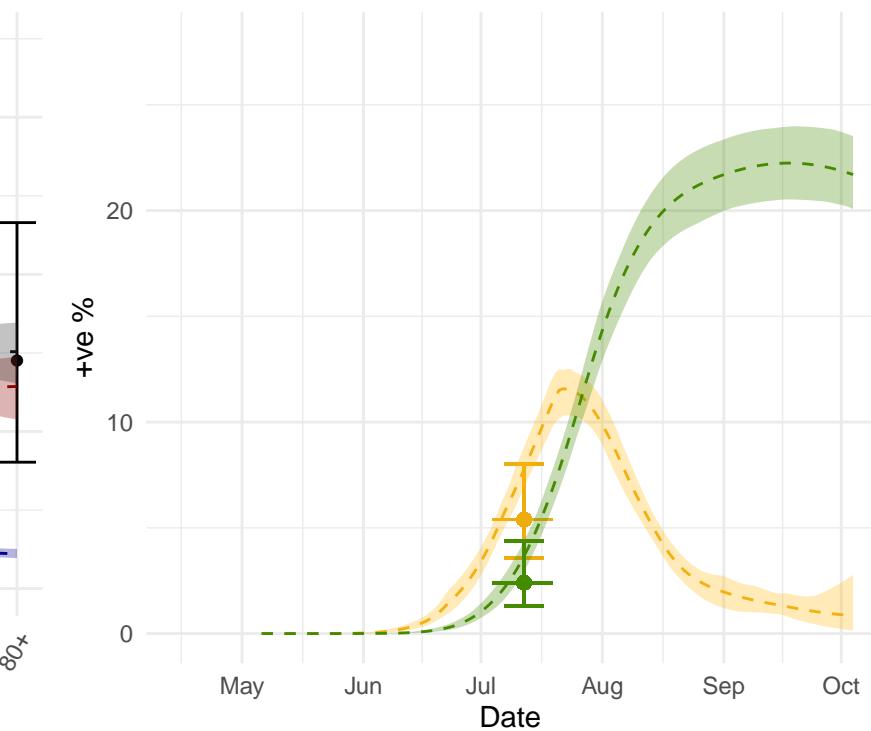
Post-mortem weekly PCR prev.
UTH mortuary



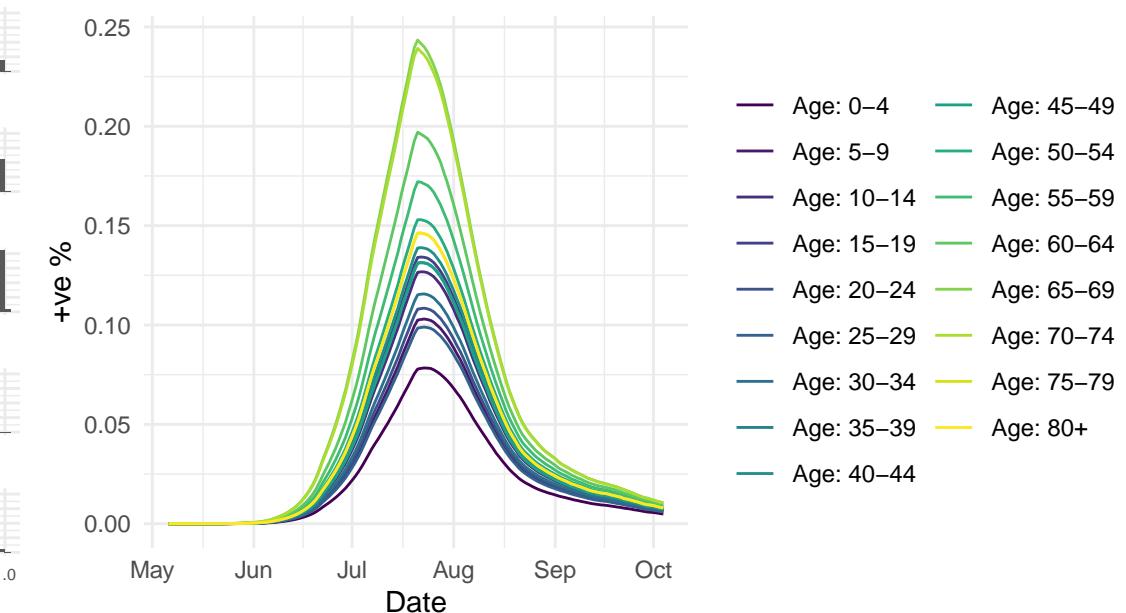
Post-mortem PCR prev. by age
UTH mortuary



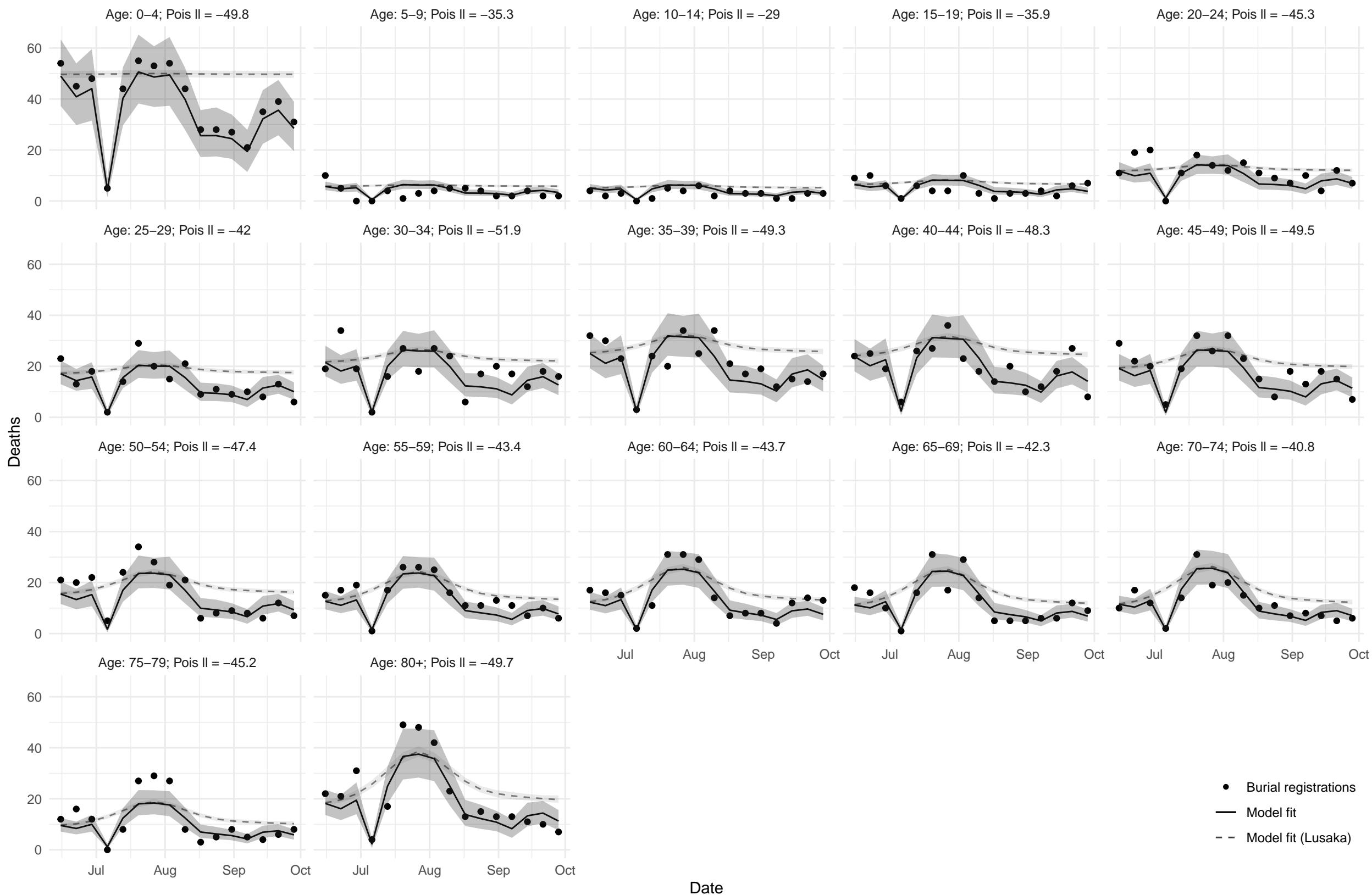
Population prevalence
Lusaka



Modelled PCR %

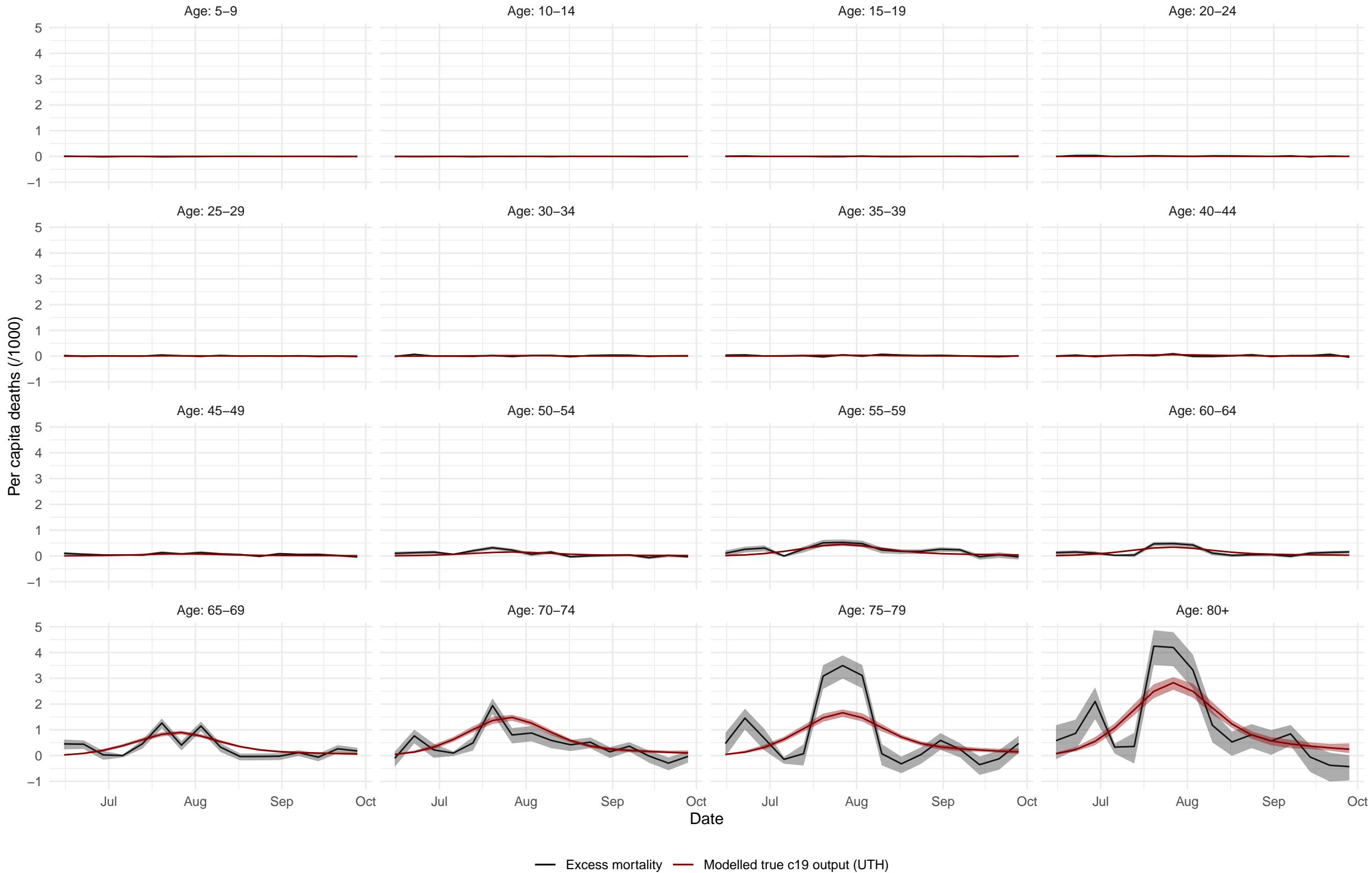


IFR x0.8, Slope x1
Lusaka weekly burial registrations



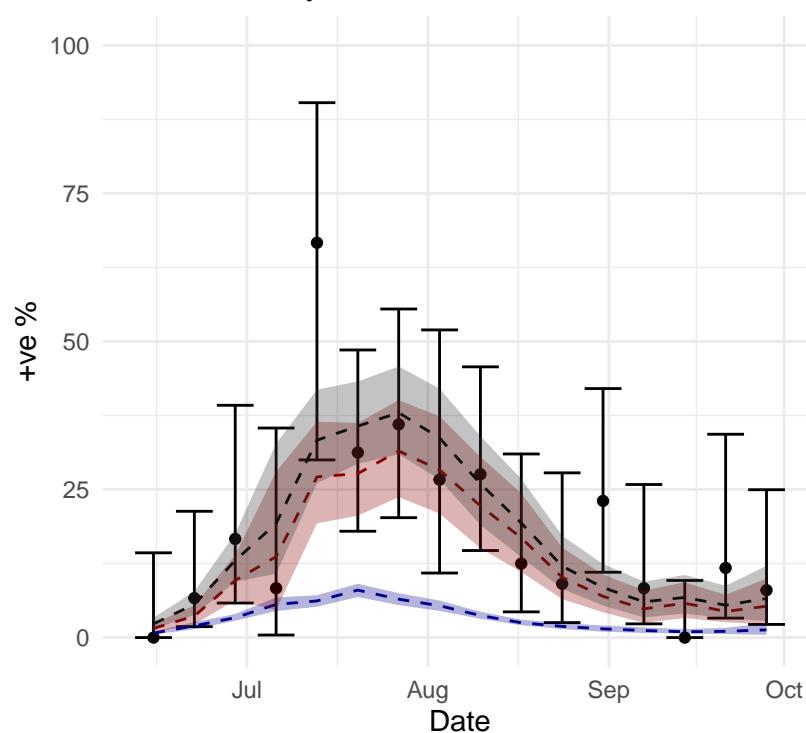
IFR x 0.8, Slope x 1

COVID-19 excess mortality: Comparison of MCMC results with squire results

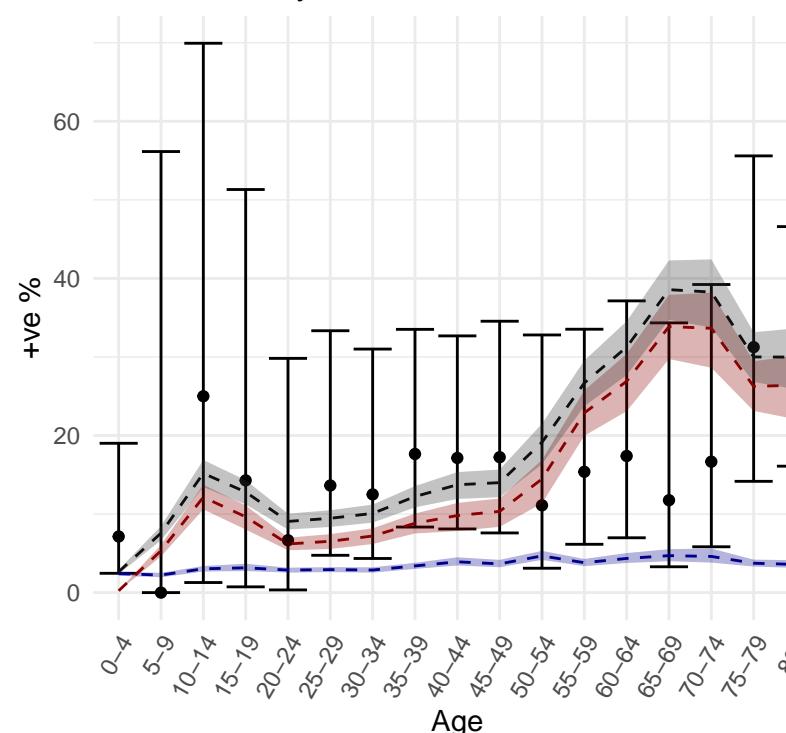


IFR x 1, Slope x 1

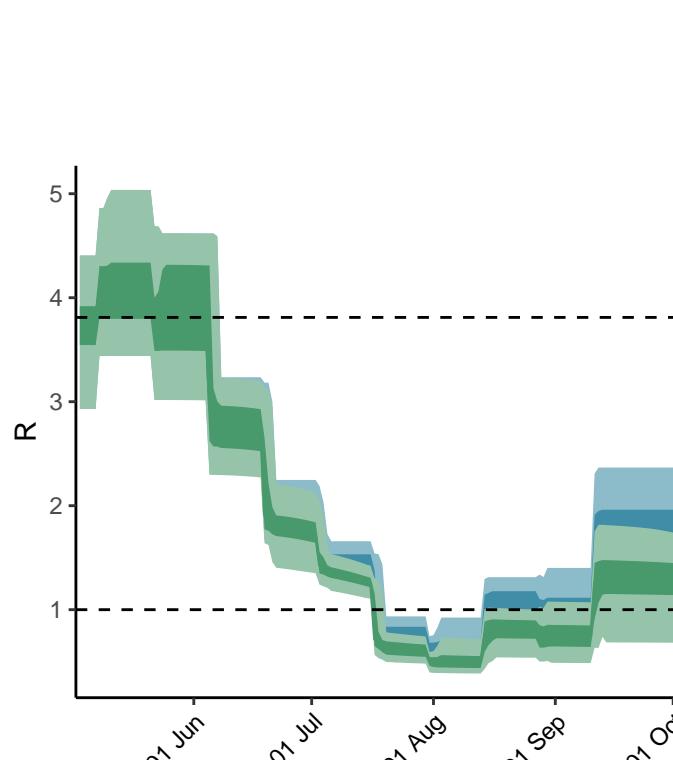
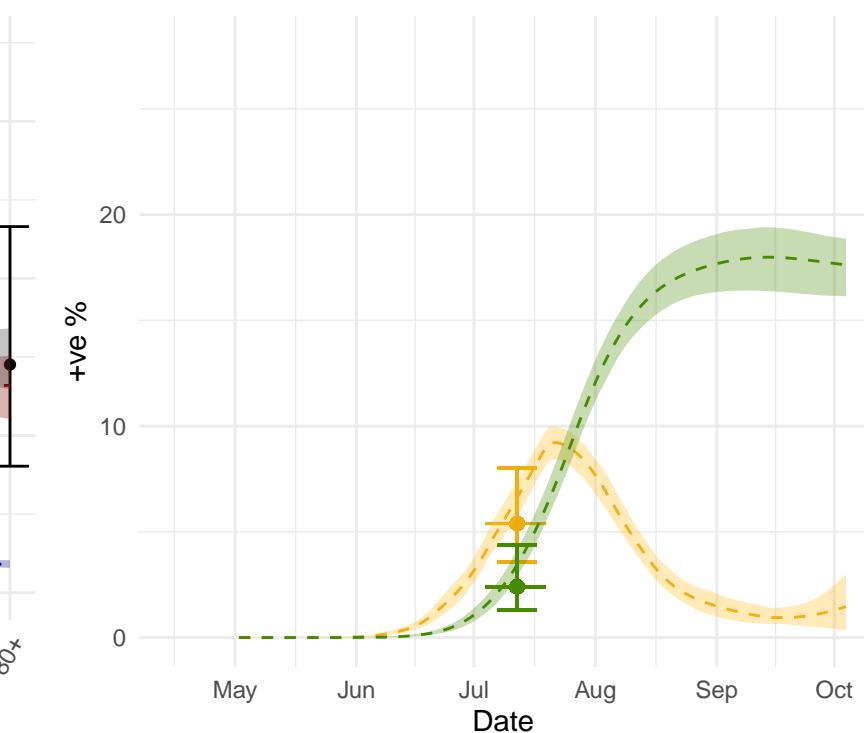
Post-mortem weekly PCR prev.
UTH mortuary



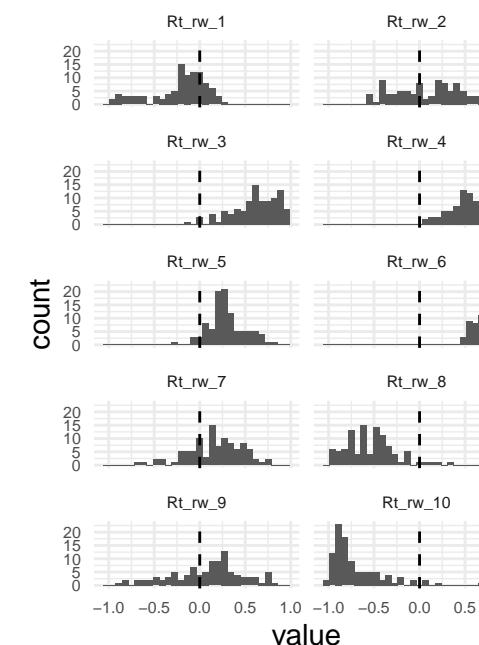
Post-mortem PCR prev. by age
UTH mortuary



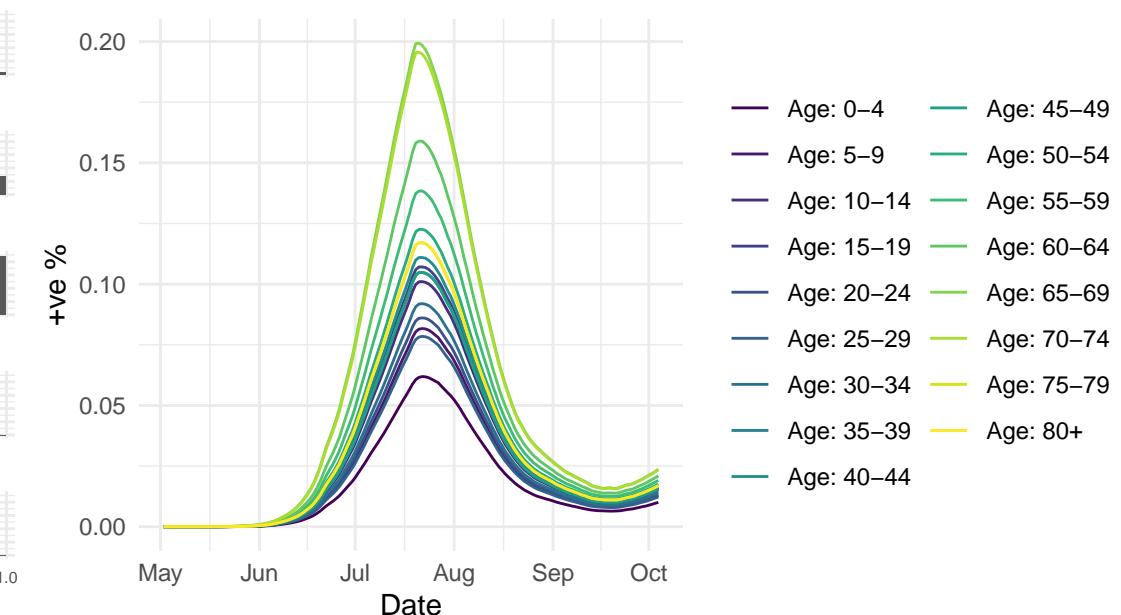
Population prevalence
Lusaka



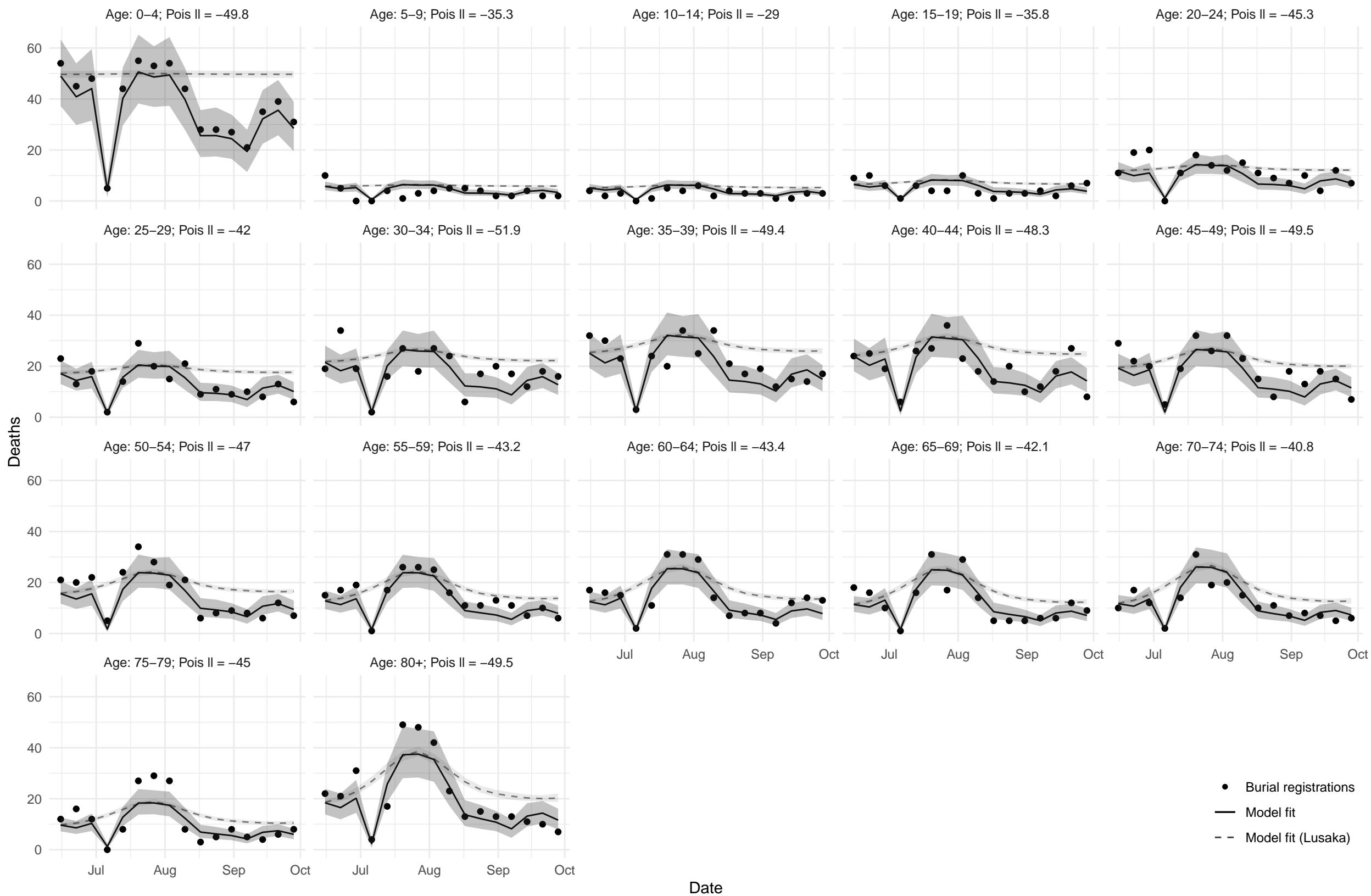
- - Total +ve deaths
- - Causal deaths
- - Coincidental deaths



Modelled PCR %

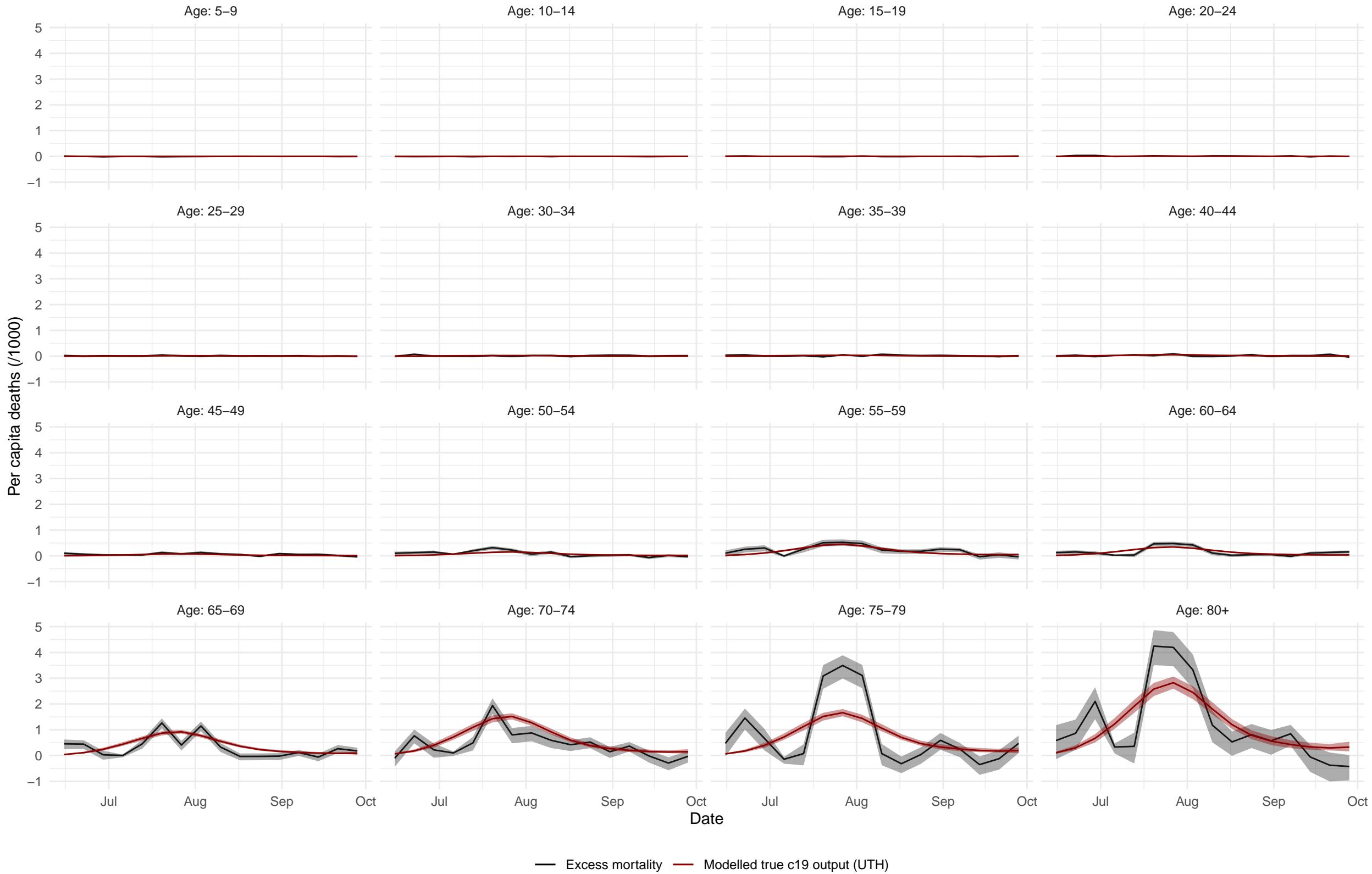


IFR x1, Slope x1
Lusaka weekly burial registrations



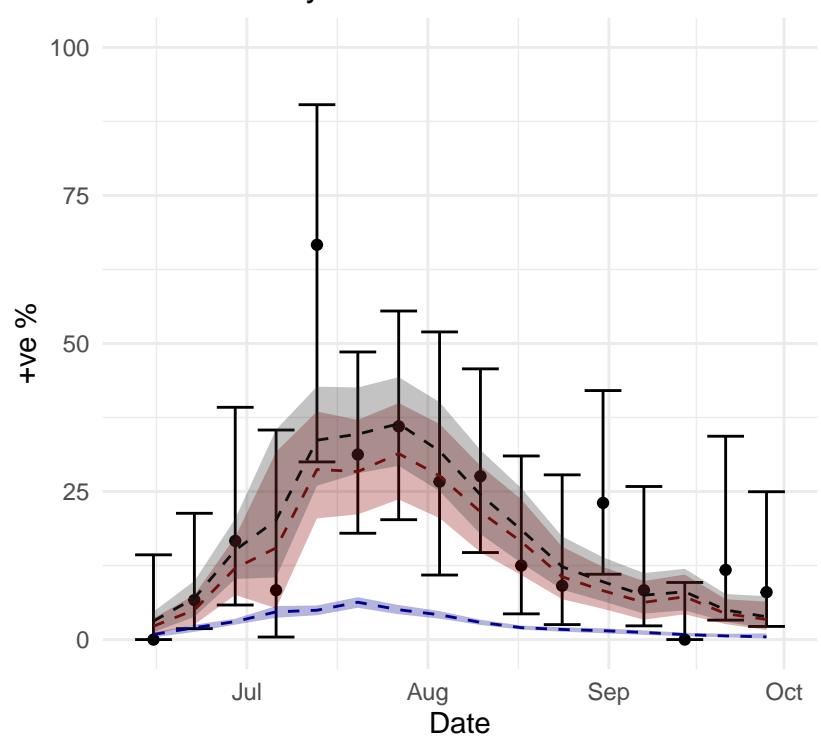
IFR x 1, Slope x 1

COVID-19 excess mortality: Comparison of MCMC results with squire results

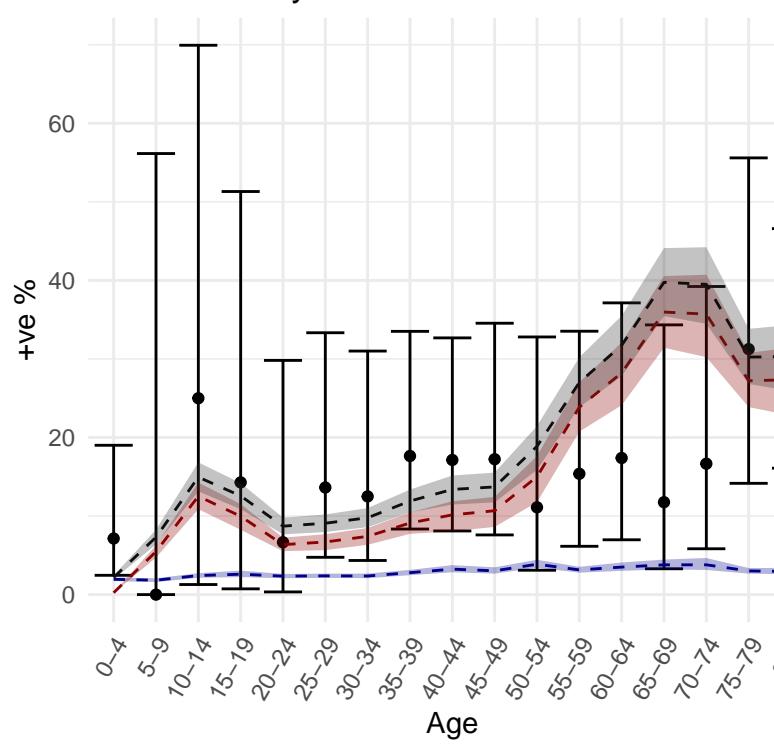


IFR x 1.25, Slope x 1

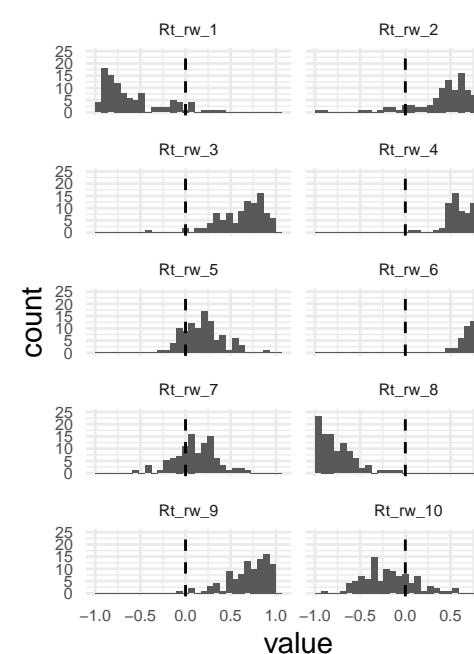
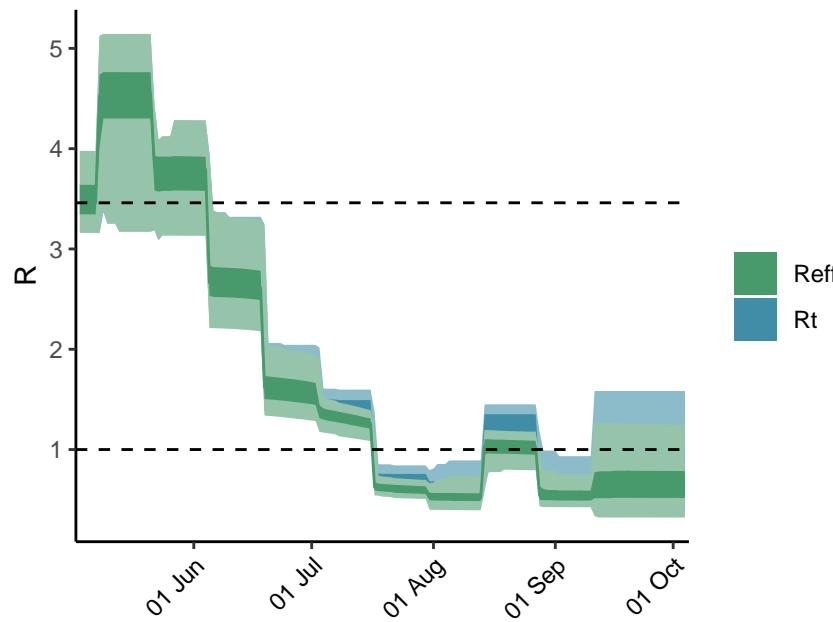
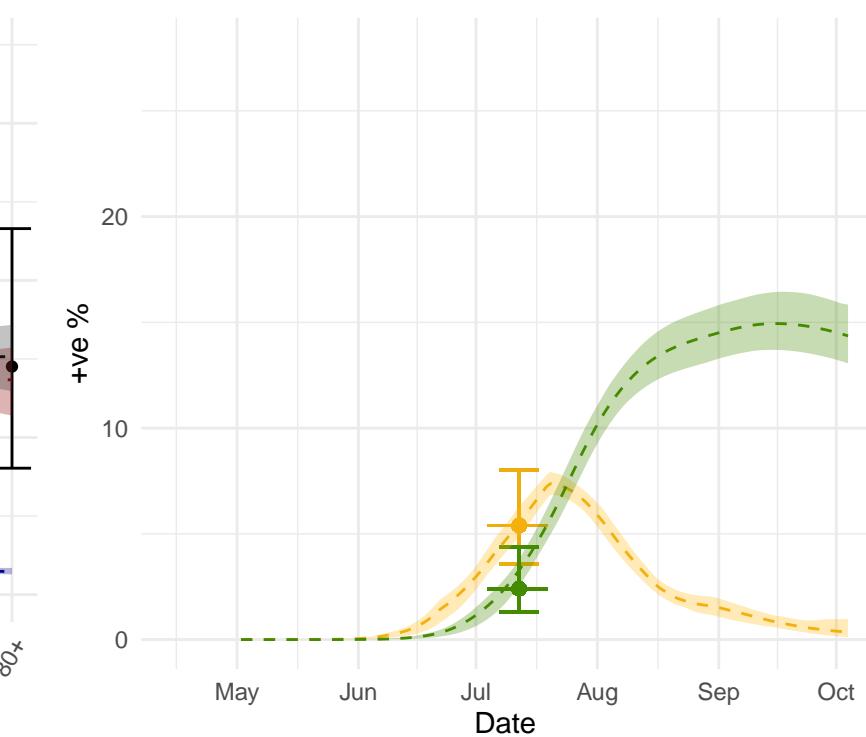
Post-mortem weekly PCR prev.
UTH mortuary



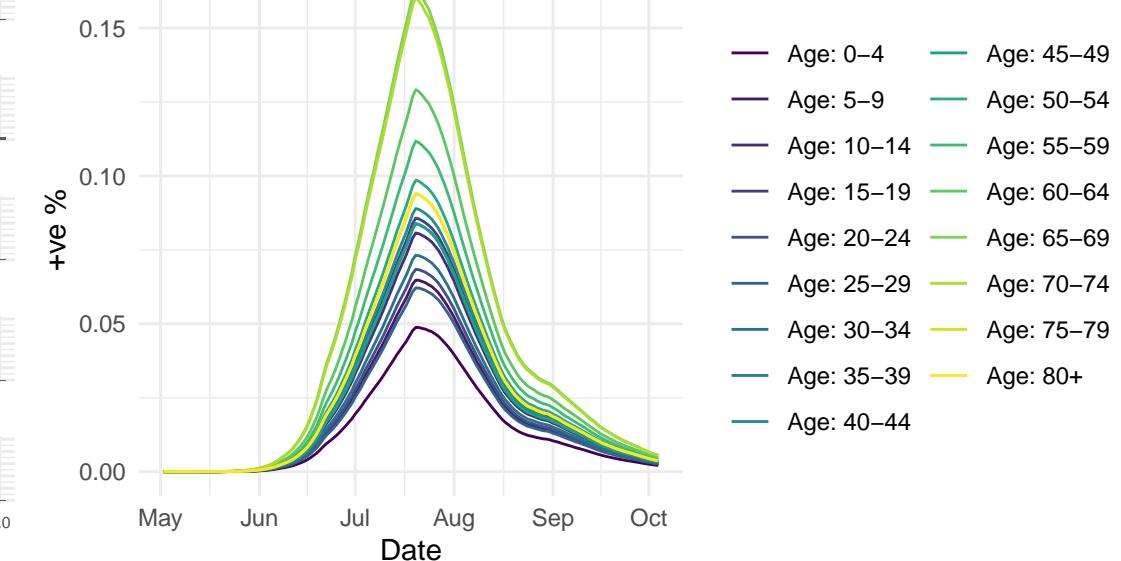
Post-mortem PCR prev. by age
UTH mortuary



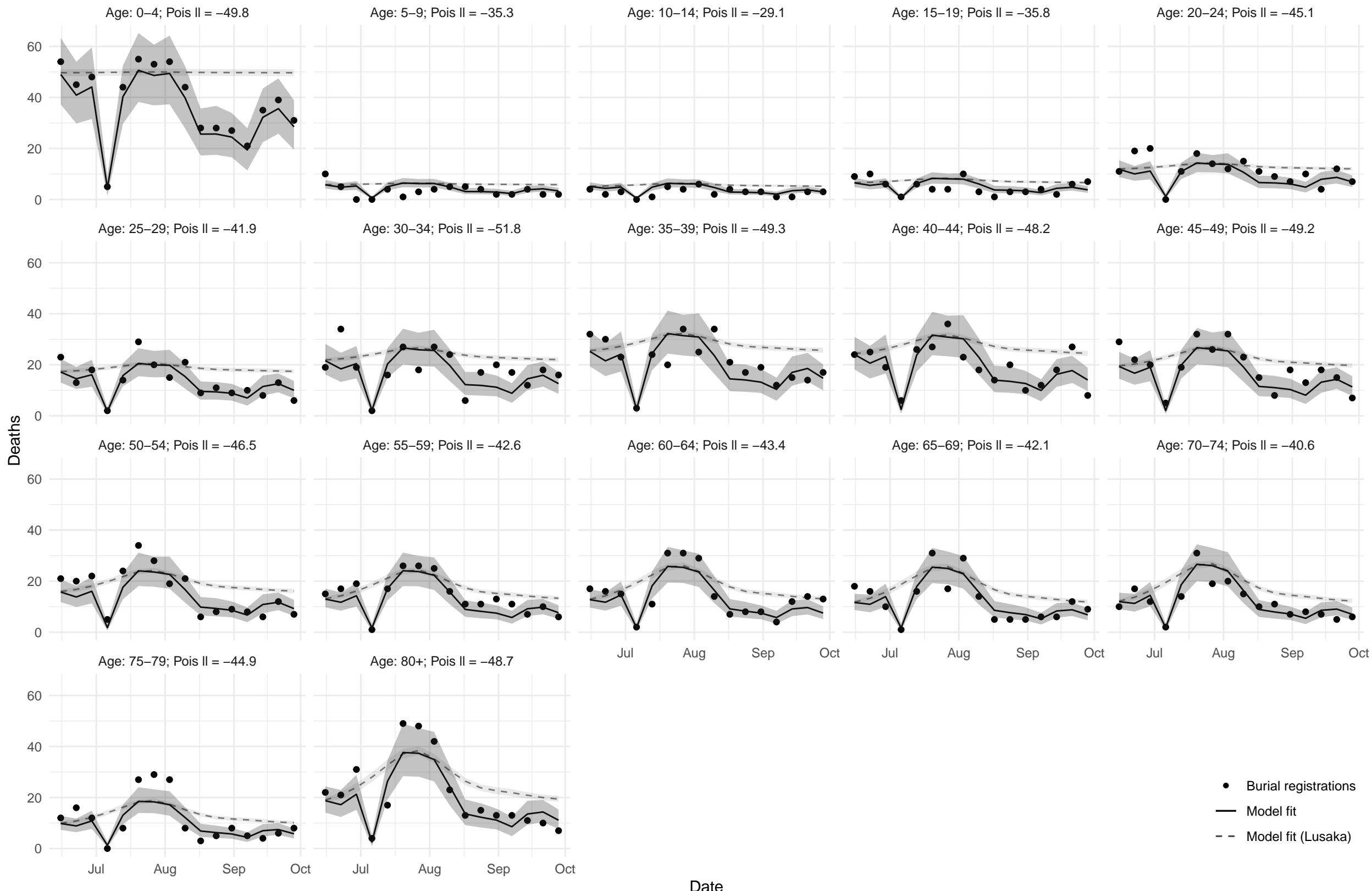
Population prevalence
Lusaka



Modelled PCR %

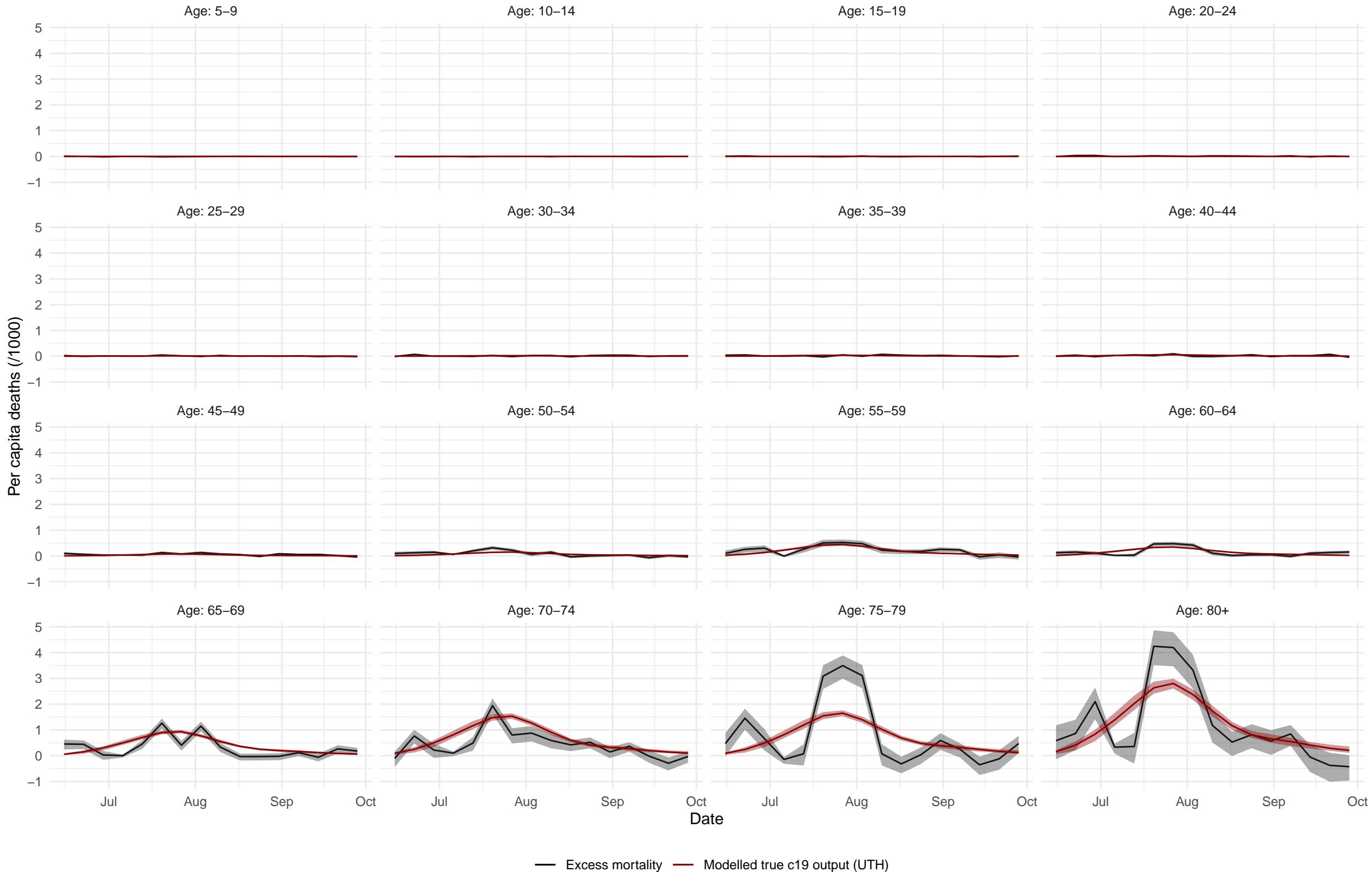


IFR x1.25, Slope x1
Lusaka weekly burial registrations



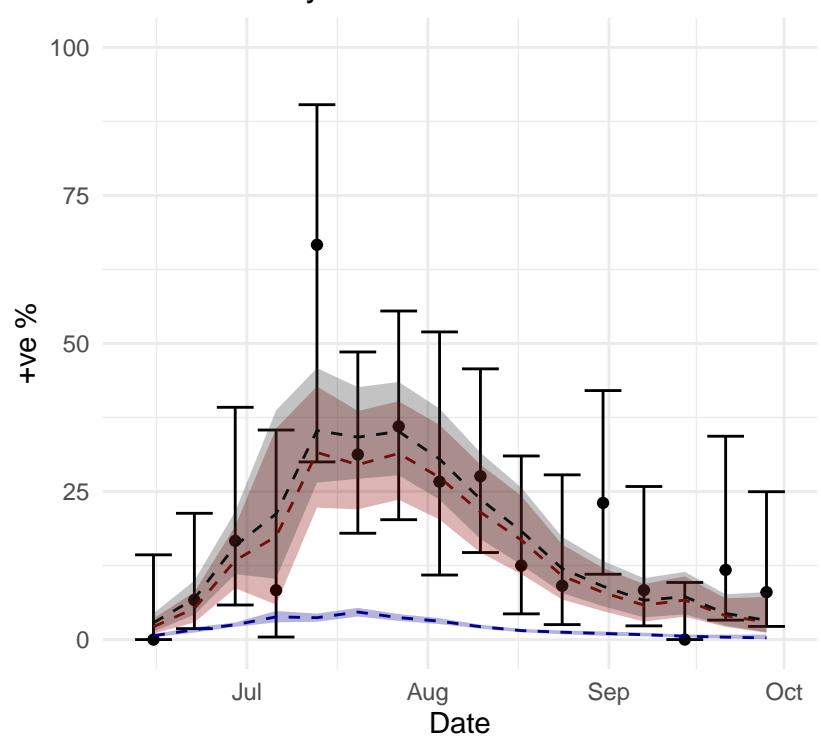
IFR x 1.25, Slope x 1

COVID-19 excess mortality: Comparison of MCMC results with squire results

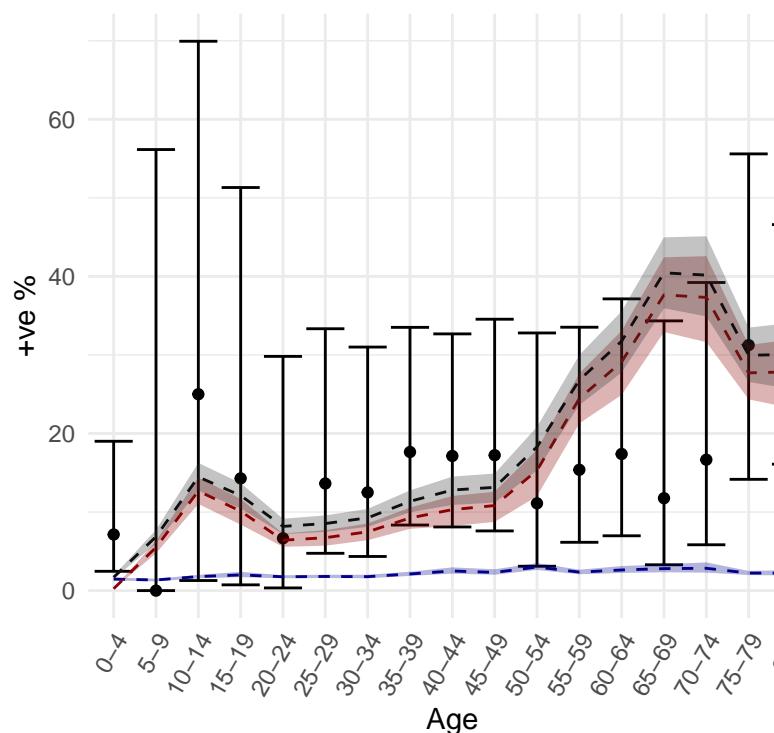


IFR x 1.67, Slope x 1

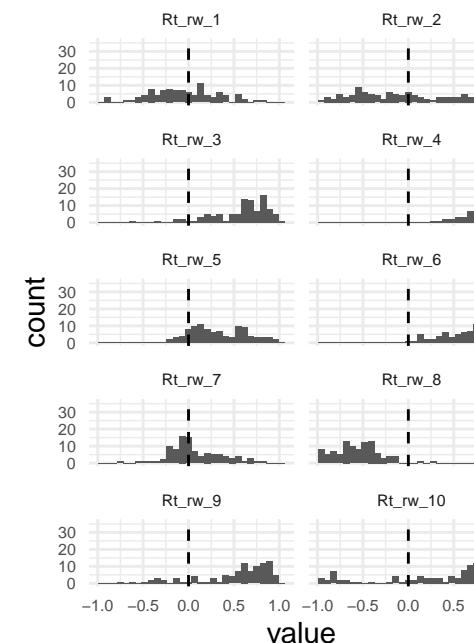
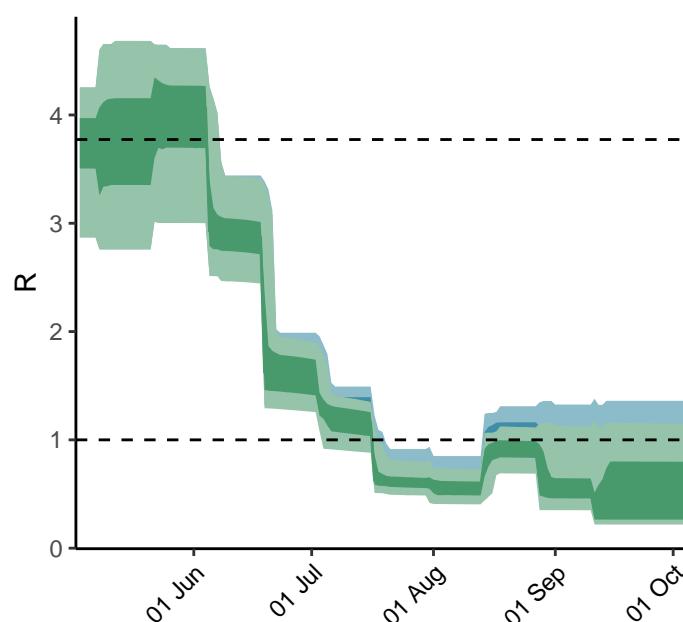
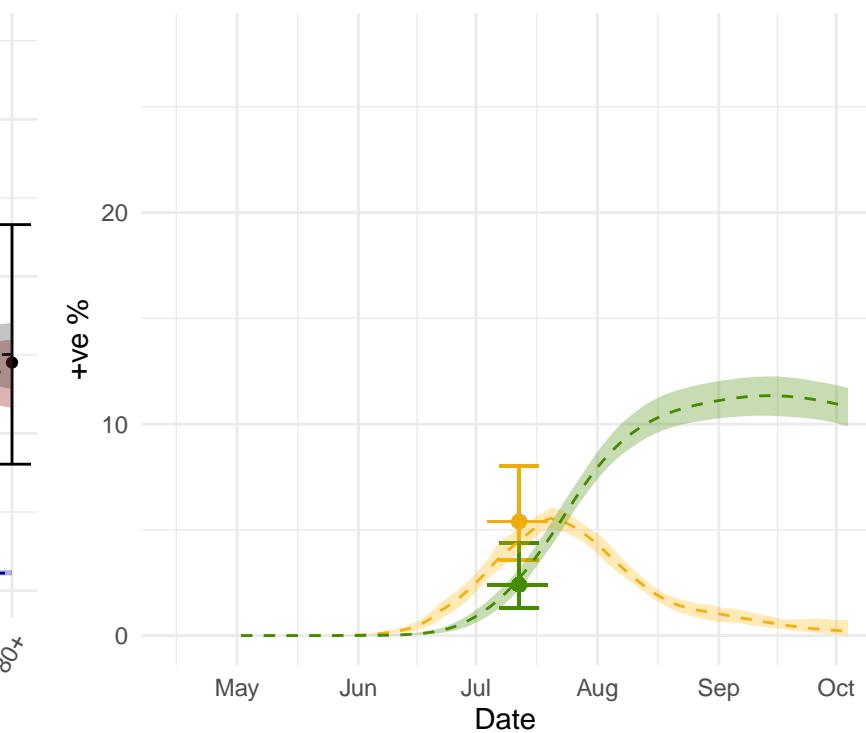
Post-mortem weekly PCR prev.
UTH mortuary



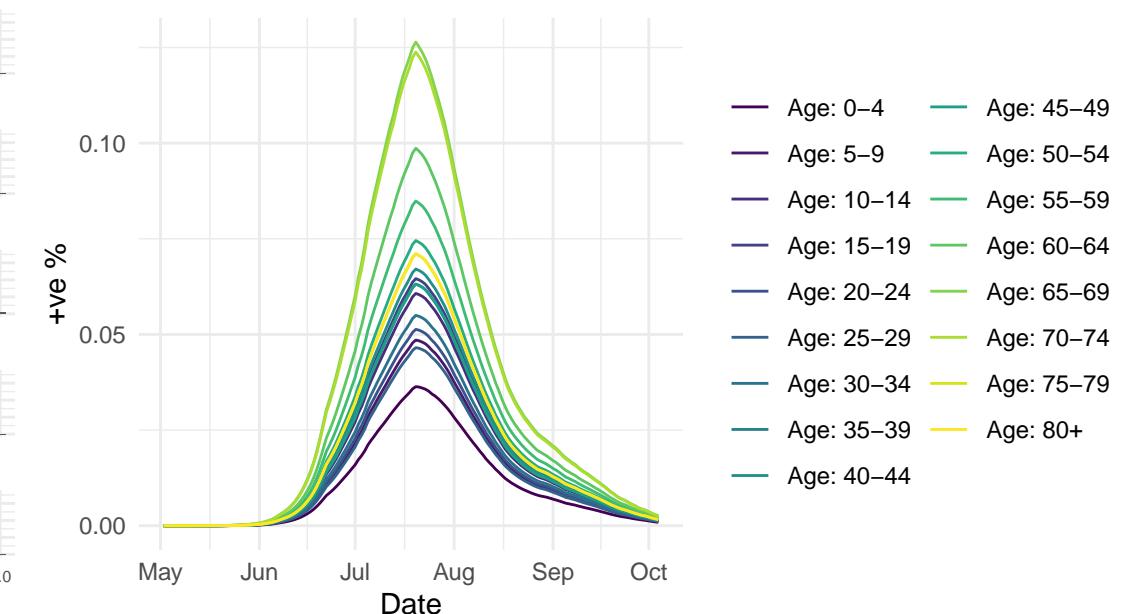
Post-mortem PCR prev. by age
UTH mortuary



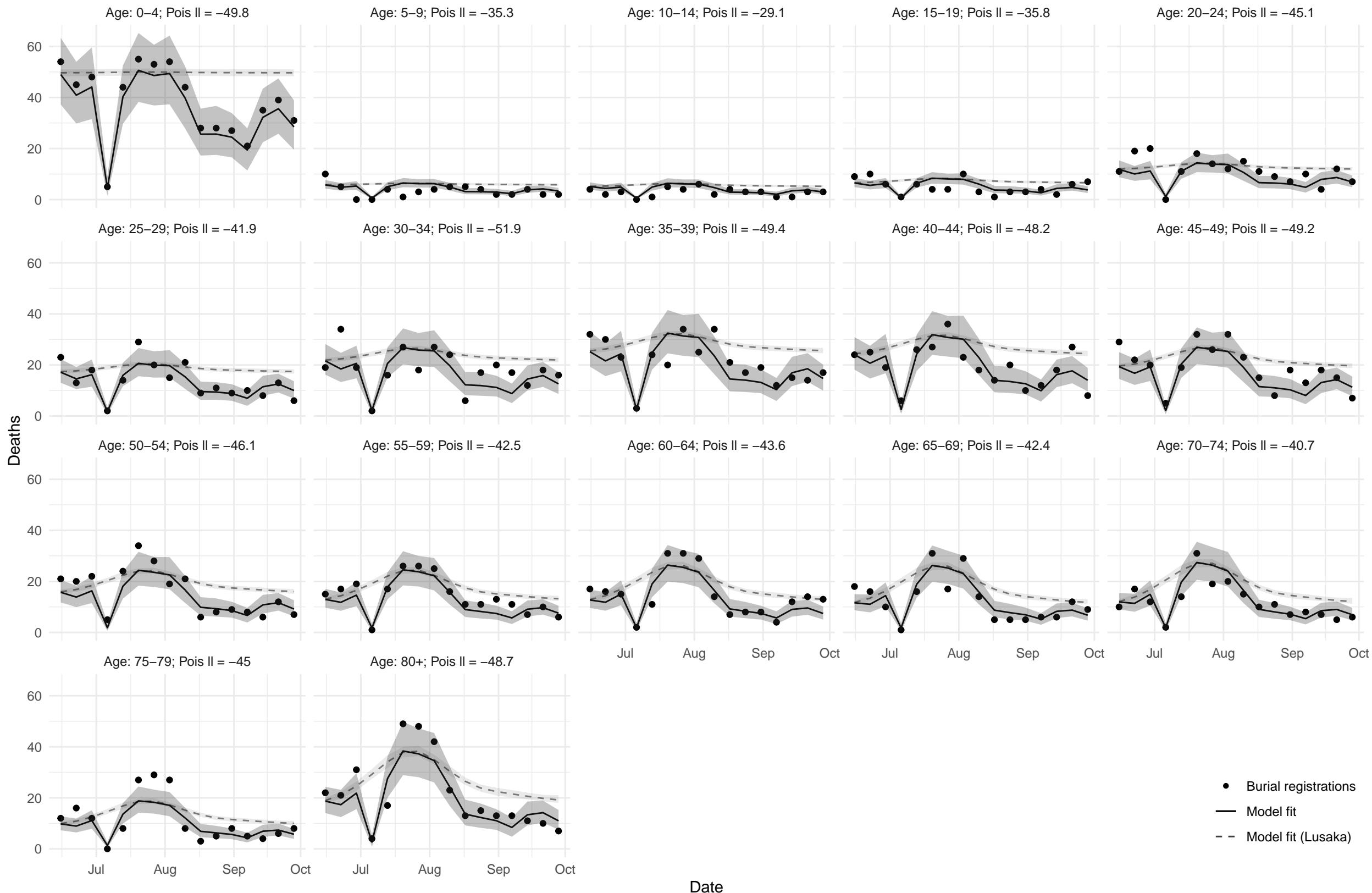
Population prevalence
Lusaka



Modelled PCR %

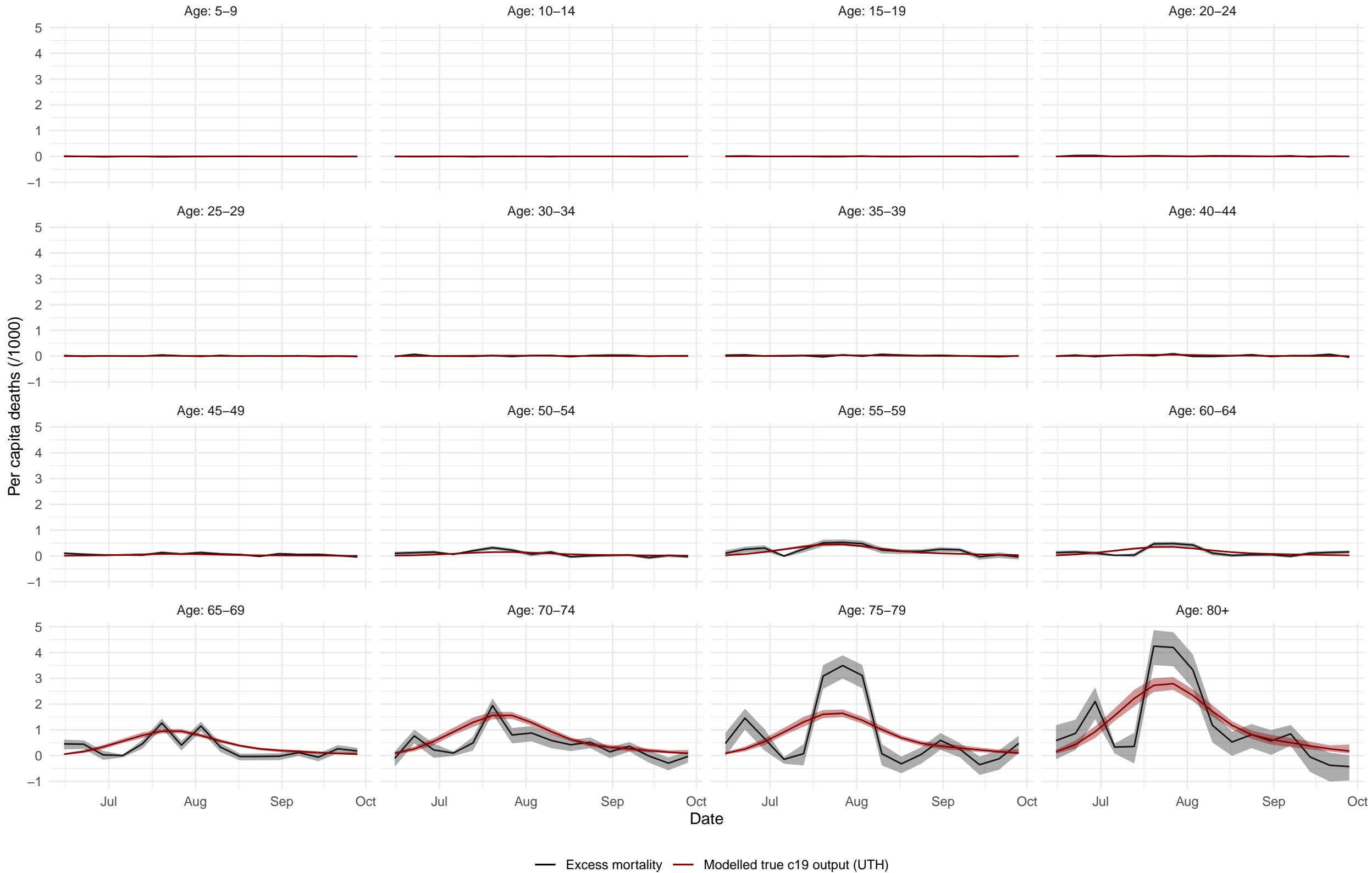


IFR x1.67, Slope x1
Lusaka weekly burial registrations



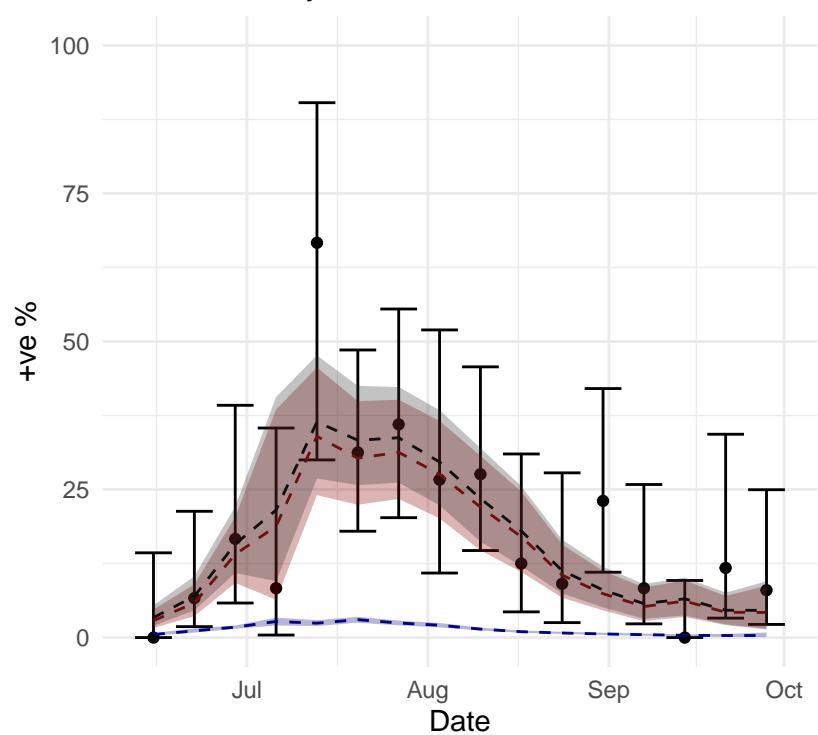
IFR x 1.67, Slope x 1

COVID-19 excess mortality: Comparison of MCMC results with squire results

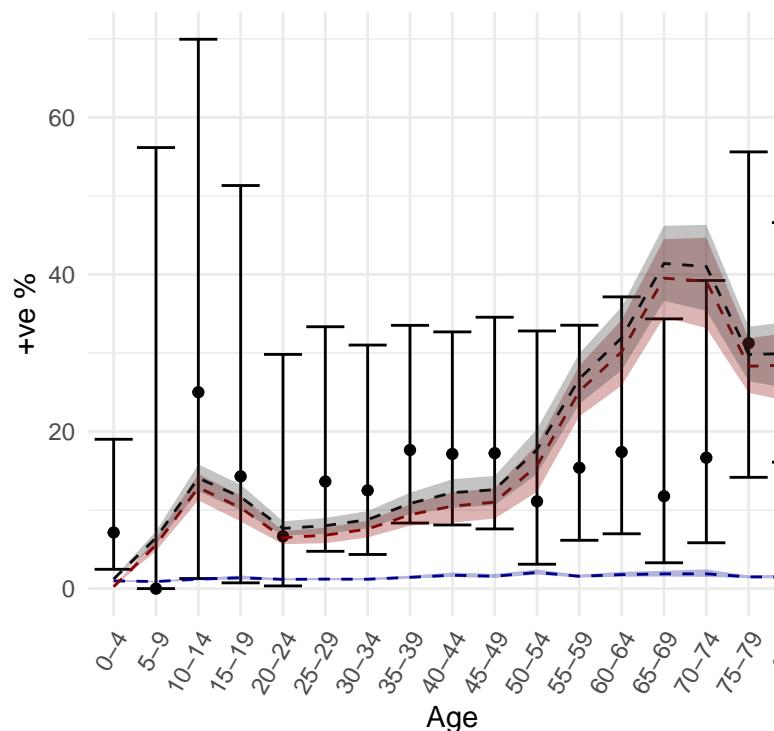


IFR x 2.5, Slope x 1

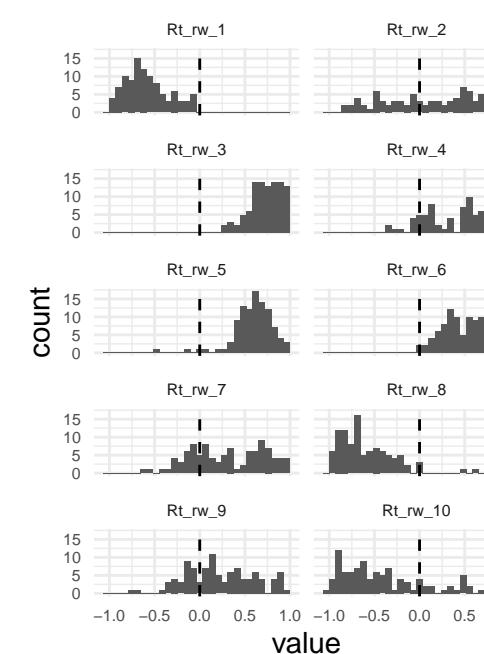
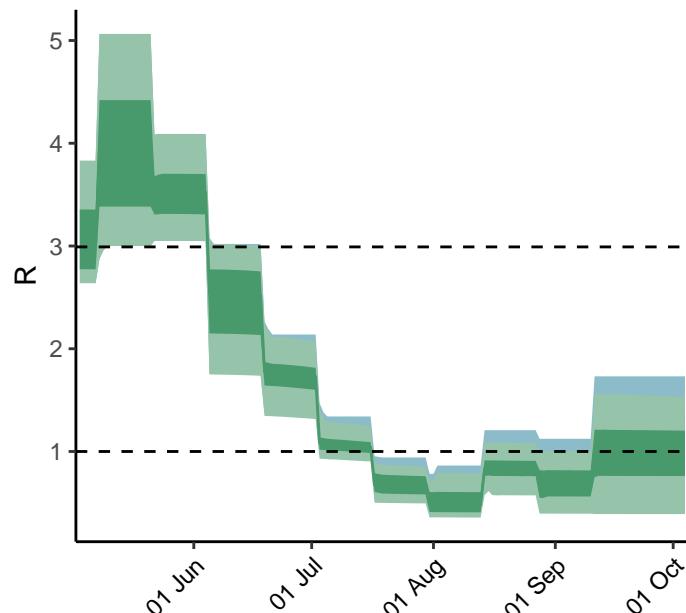
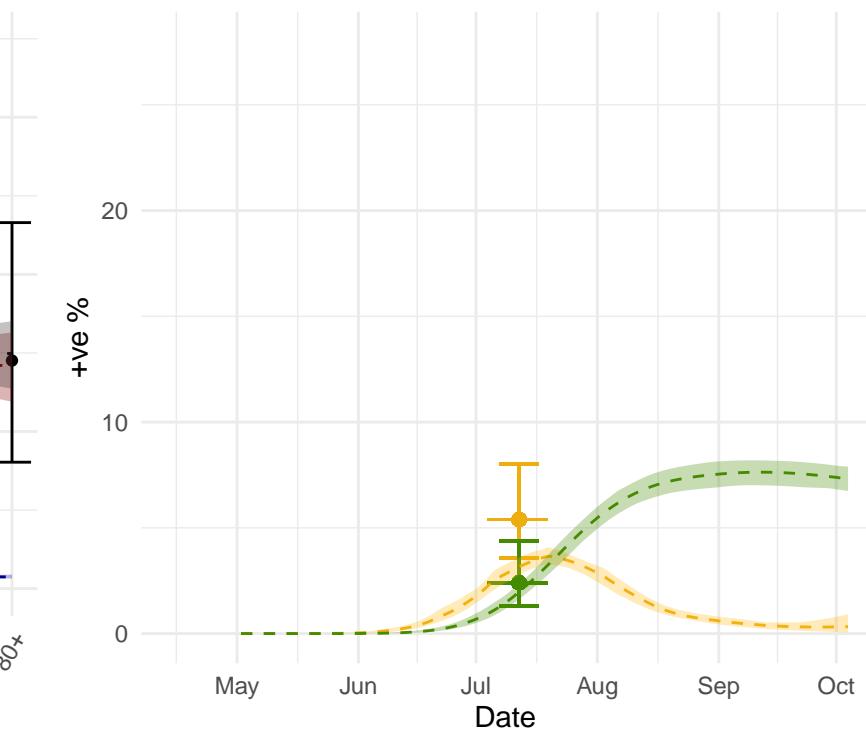
Post-mortem weekly PCR prev.
UTH mortuary



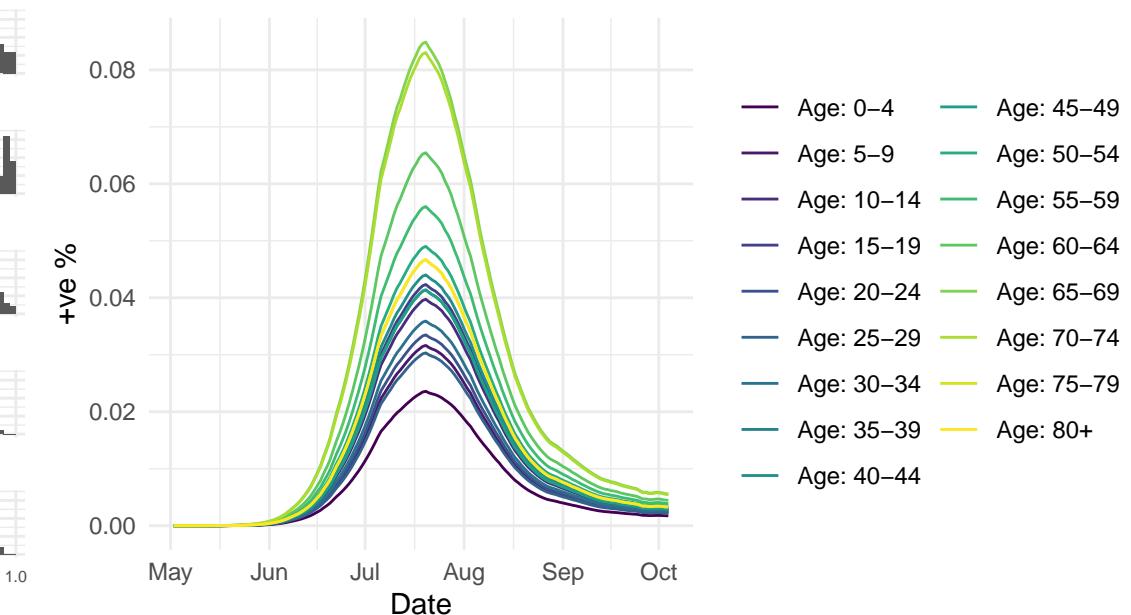
Post-mortem PCR prev. by age
UTH mortuary



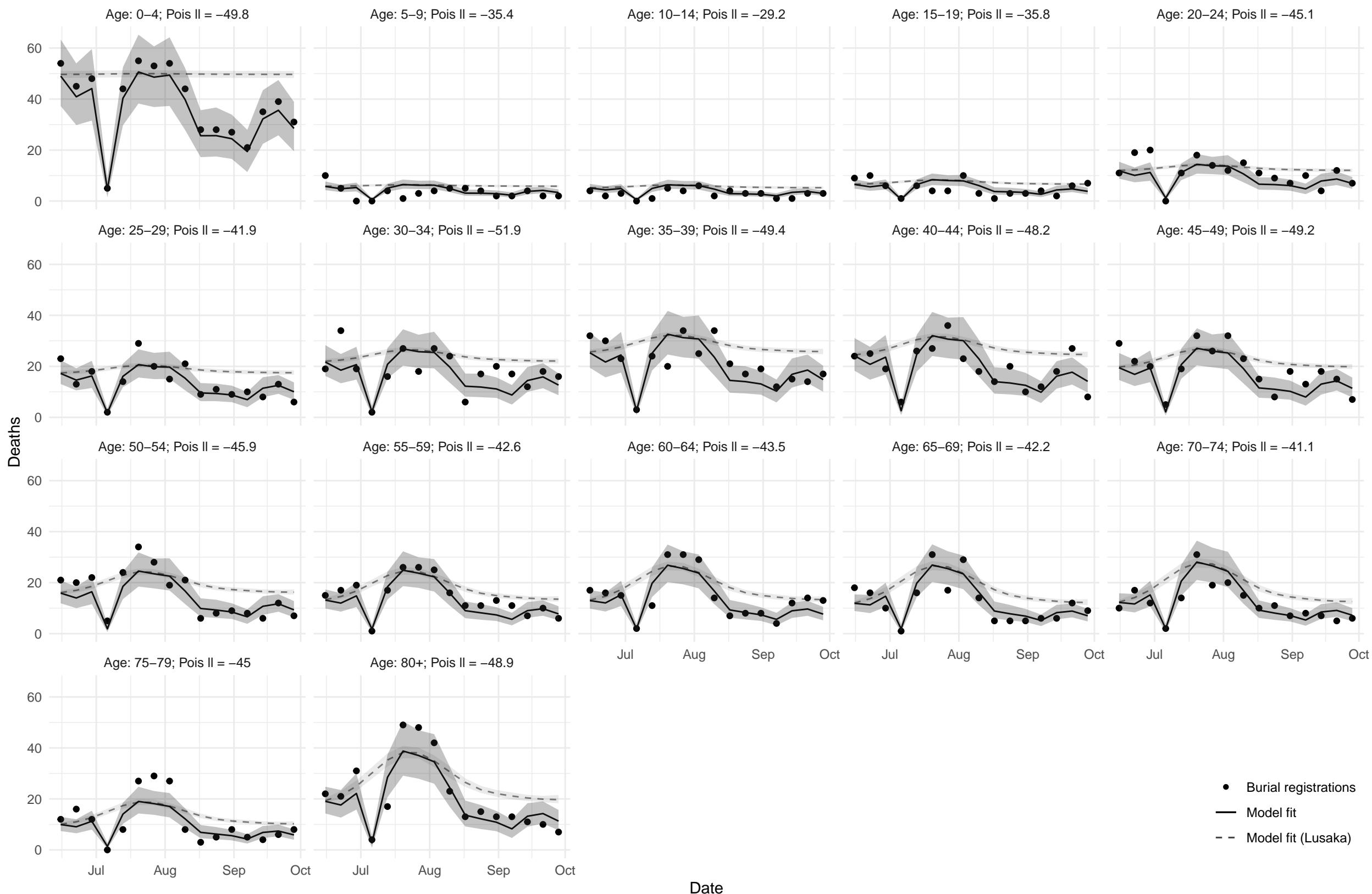
Population prevalence
Lusaka



Modelled PCR %

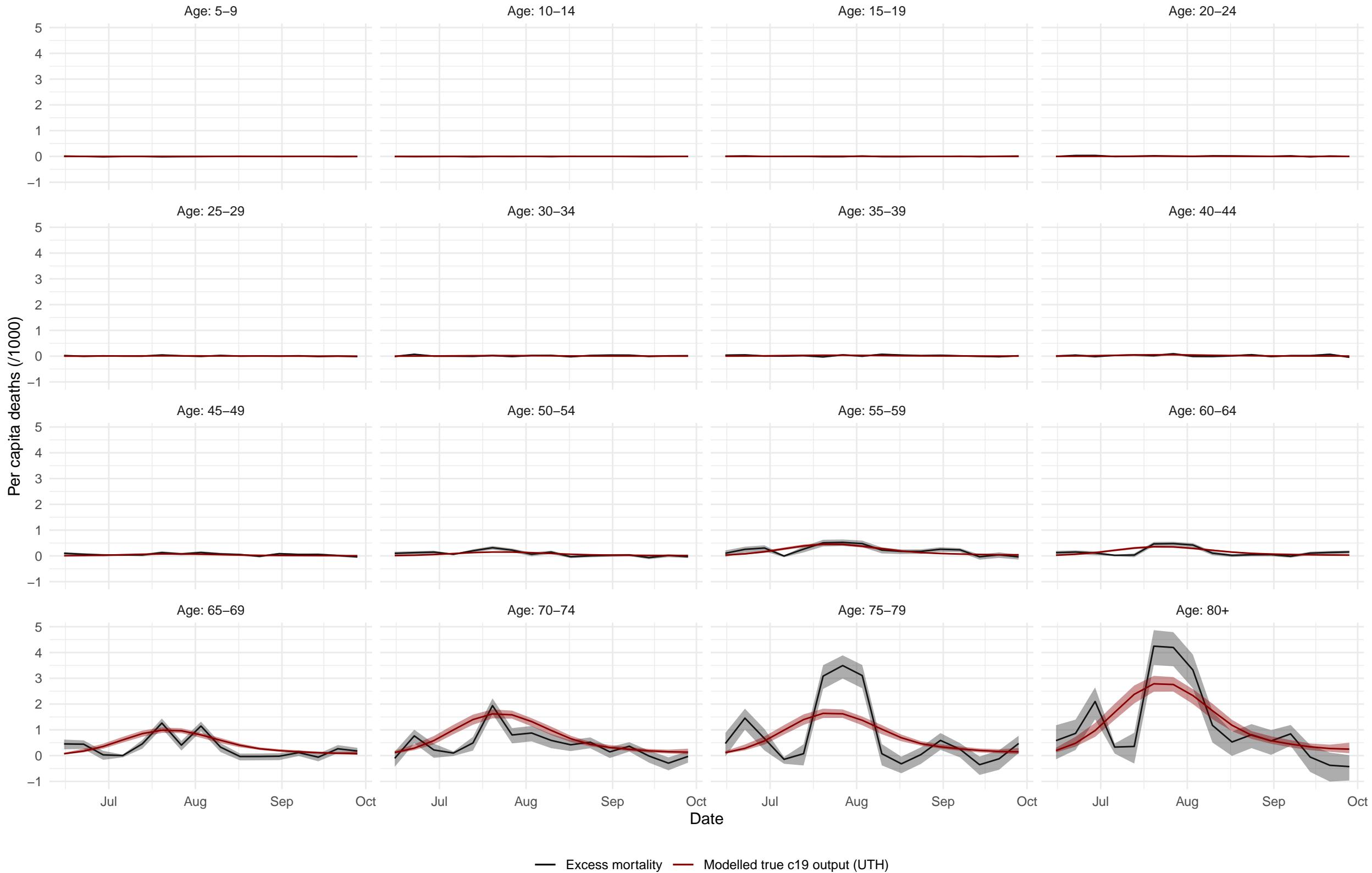


IFR x2.5, Slope x1
Lusaka weekly burial registrations



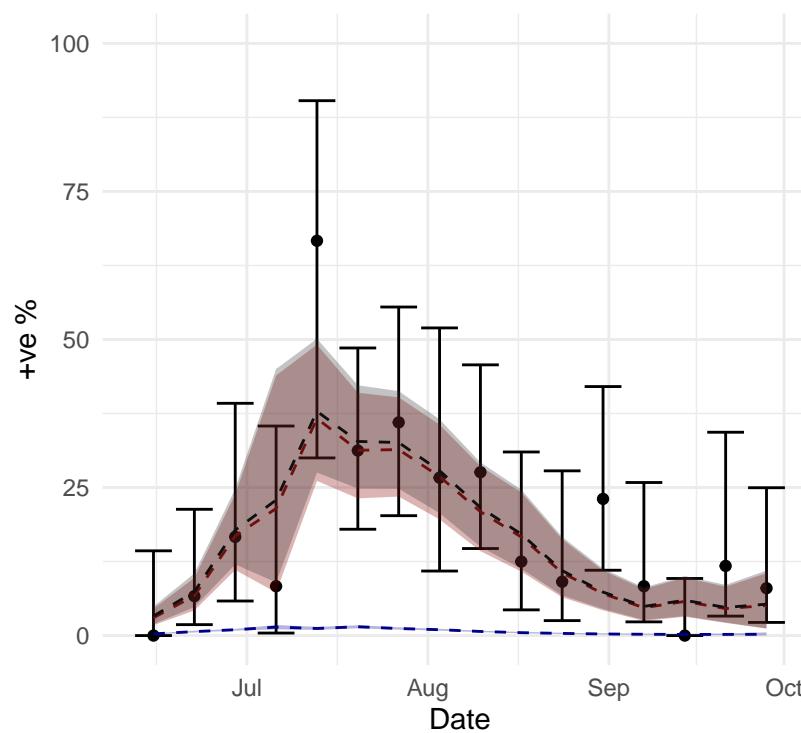
IFR x 2.5, Slope x 1

COVID-19 excess mortality: Comparison of MCMC results with squire results

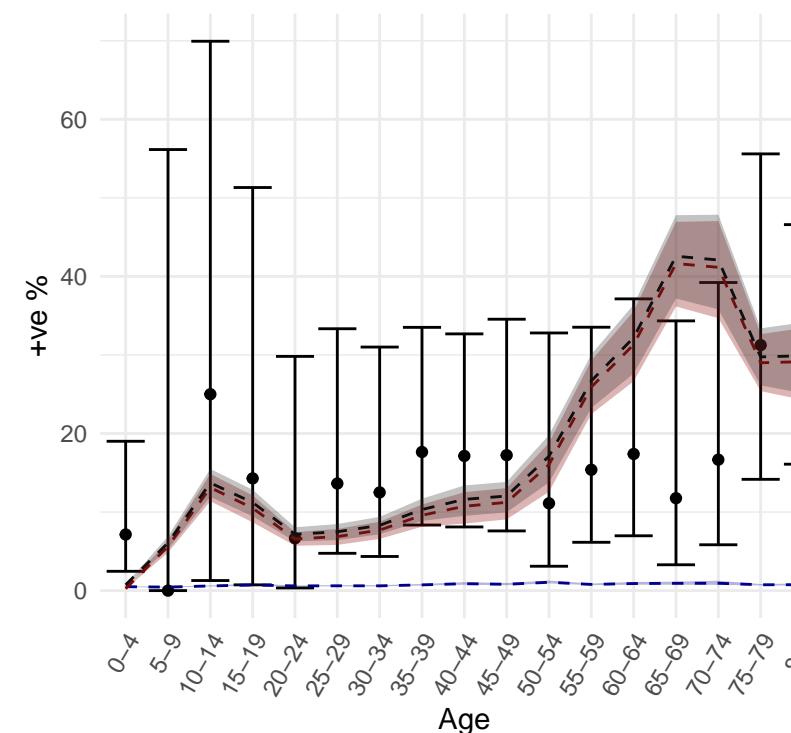


IFR x 5, Slope x 1

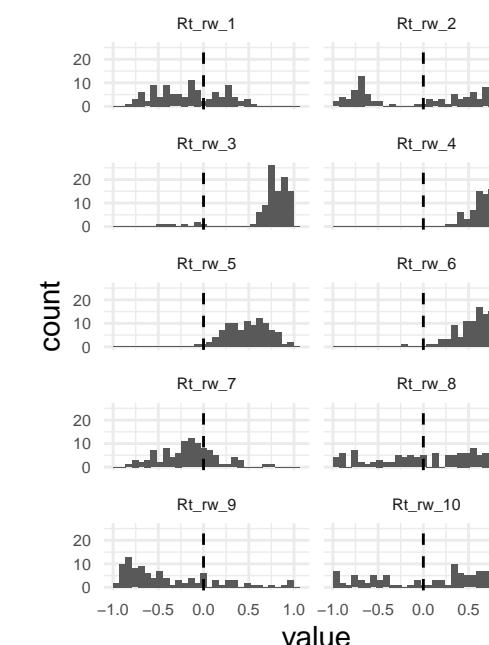
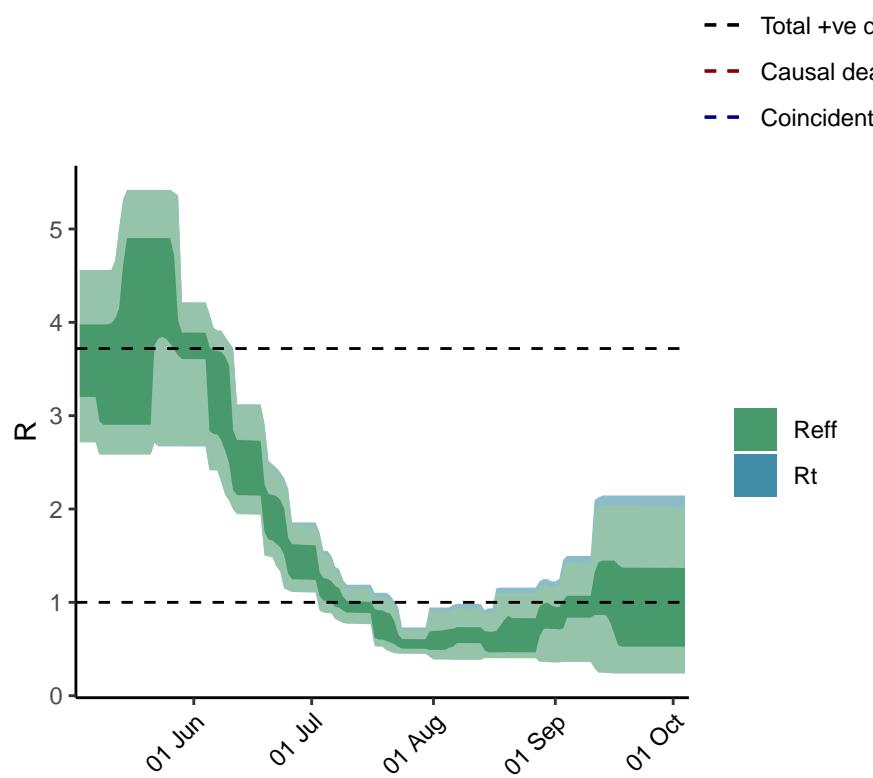
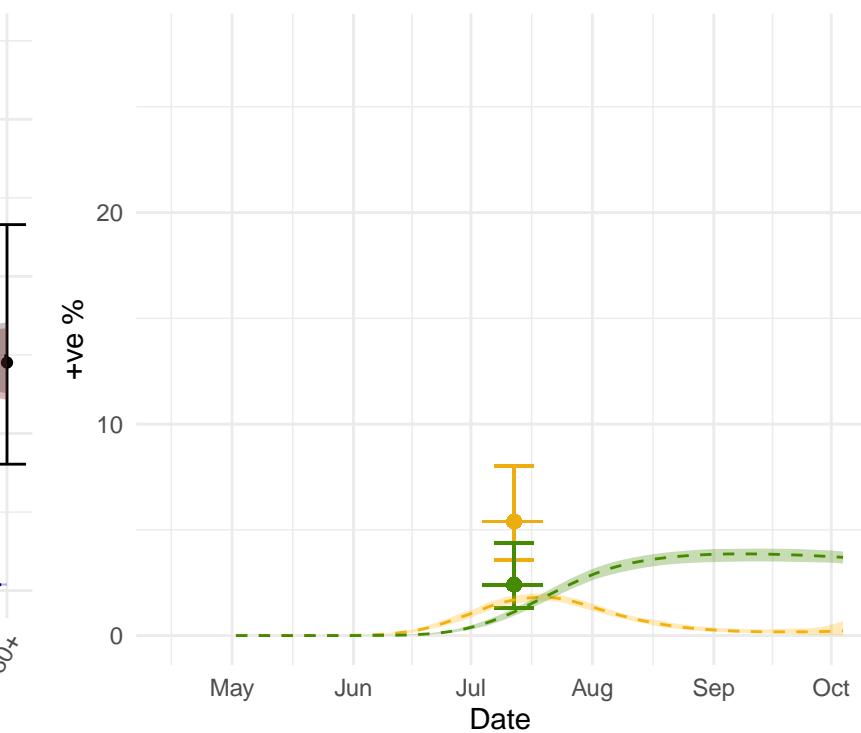
Post-mortem weekly PCR prev.
UTH mortuary



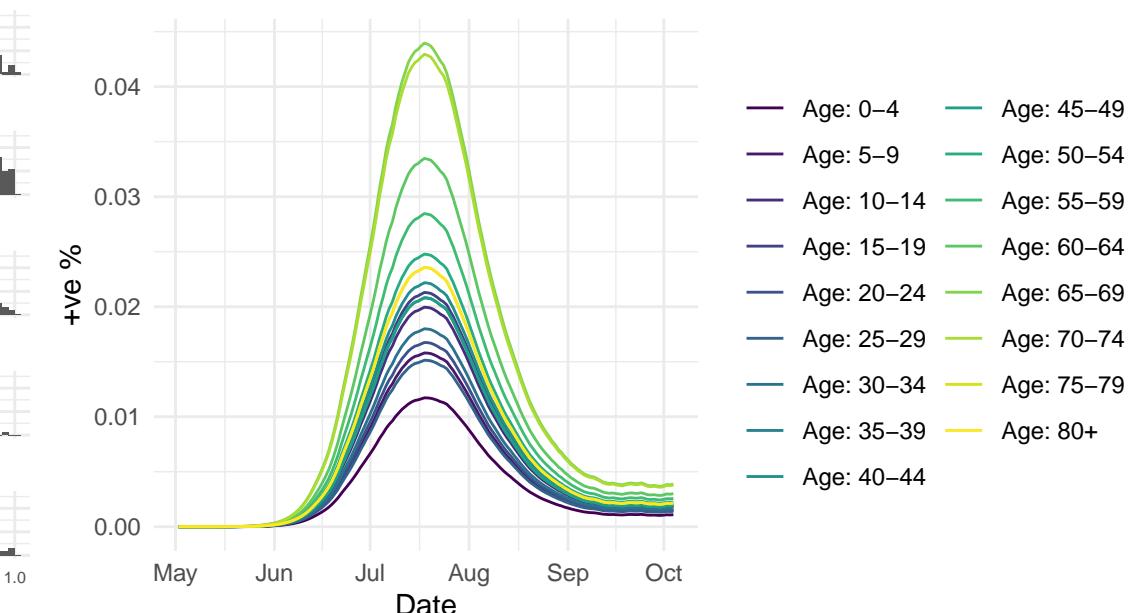
Post-mortem PCR prev. by age
UTH mortuary



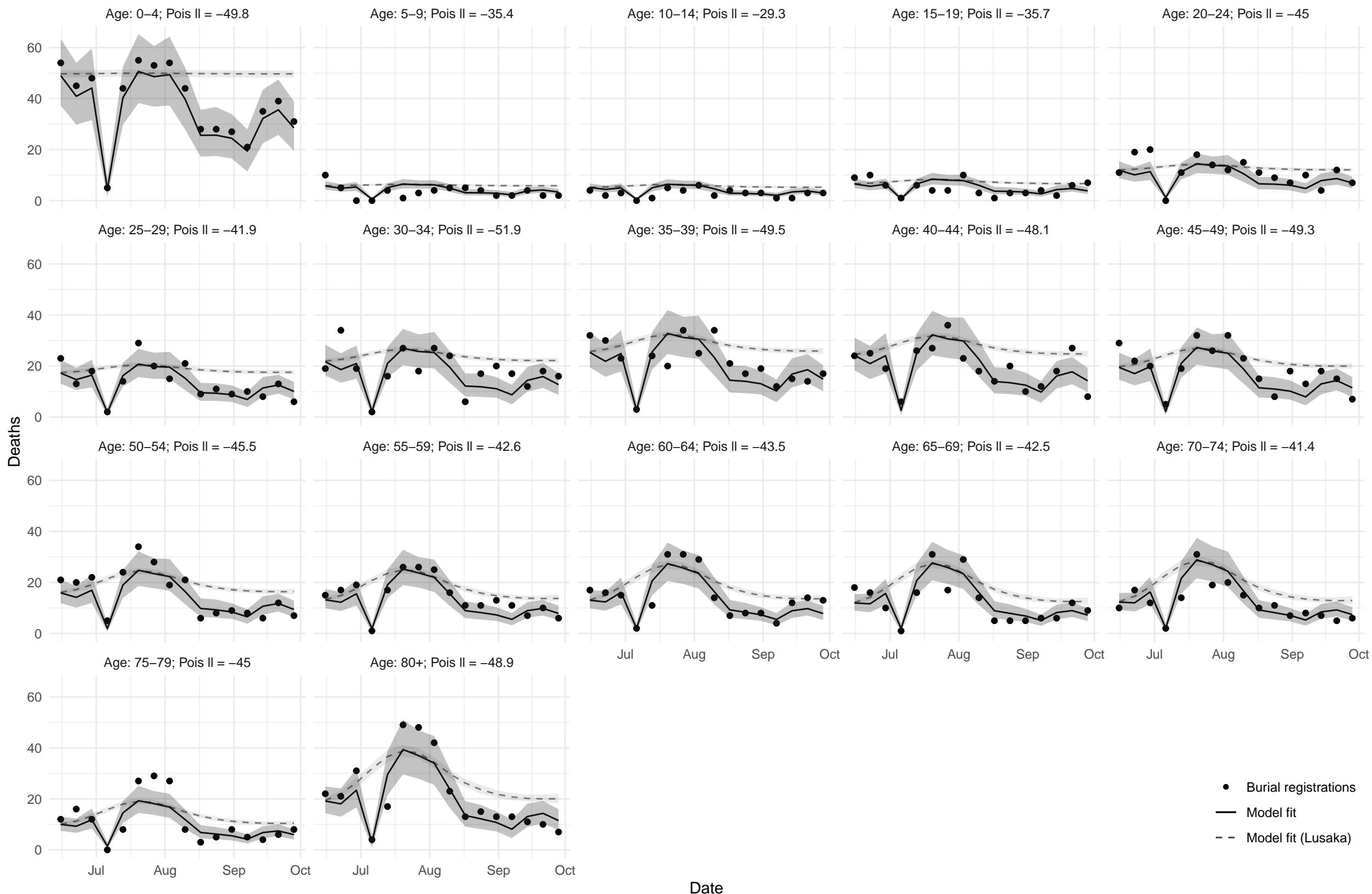
Population prevalence
Lusaka



Modelled PCR %

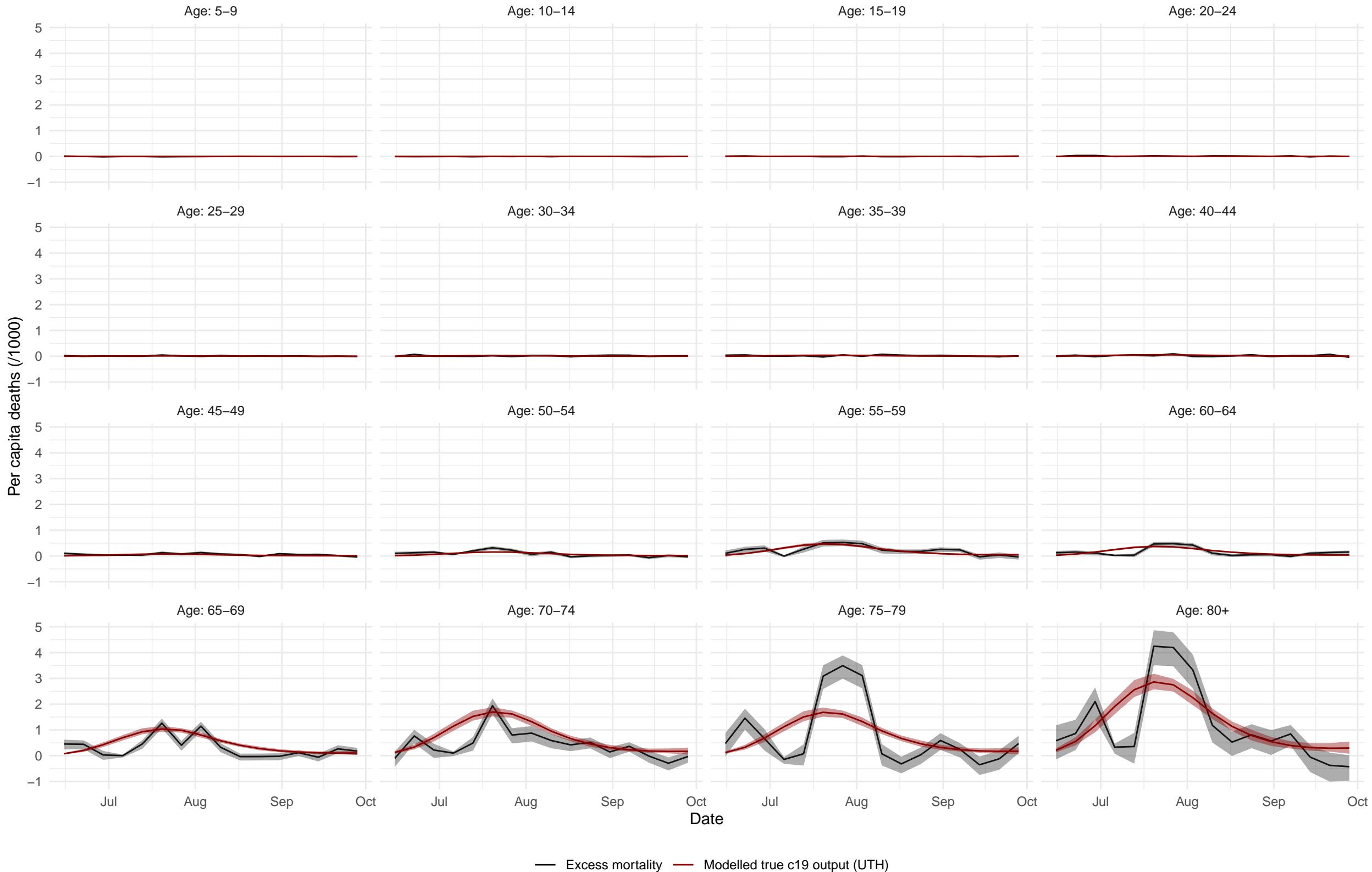


IFR x5, Slope x1
Lusaka weekly burial registrations



IFR x 5, Slope x 1

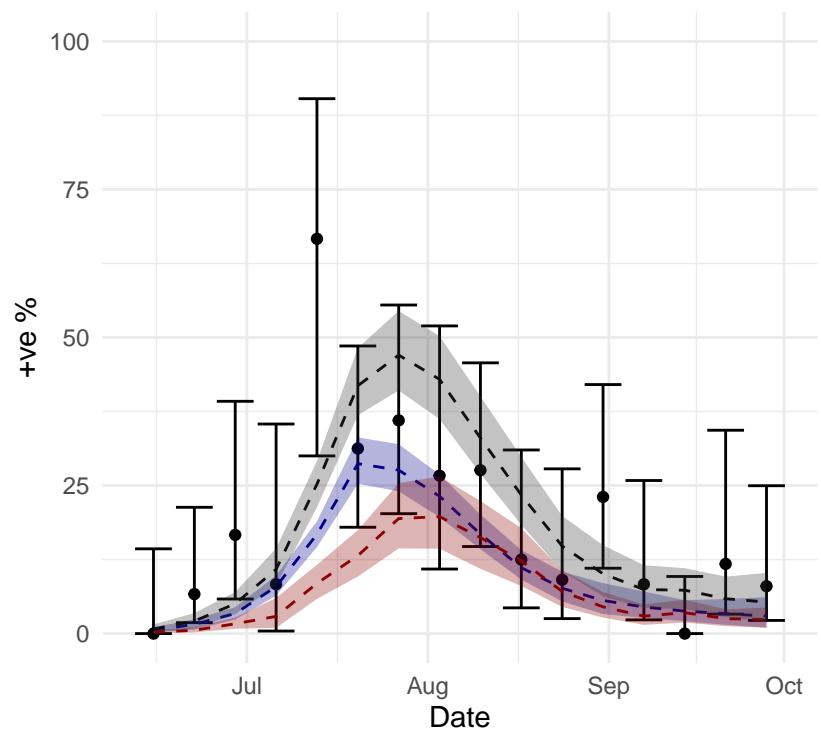
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 0.2, Slope x 1.25

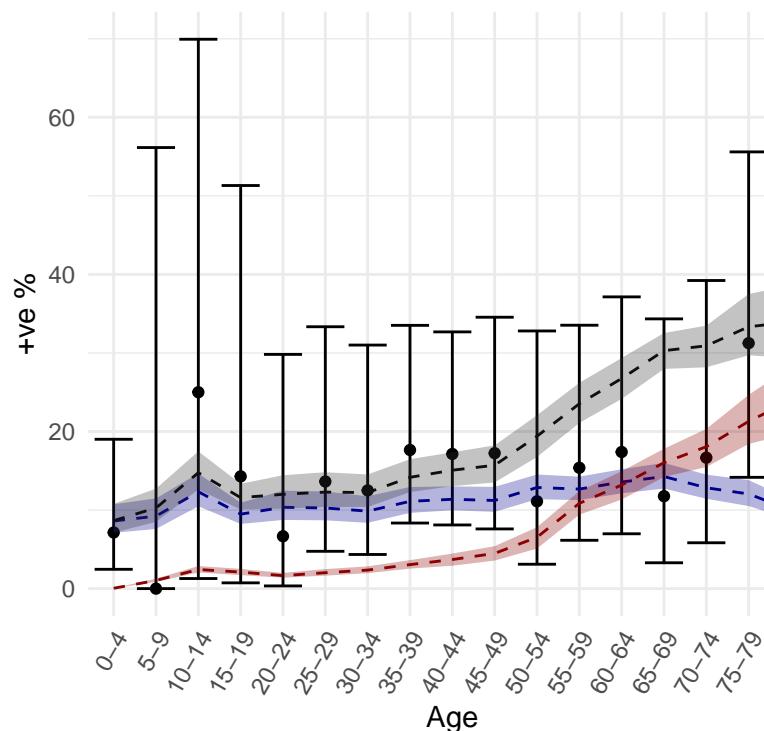
Post-mortem weekly PCR prev.

UTH mortuary



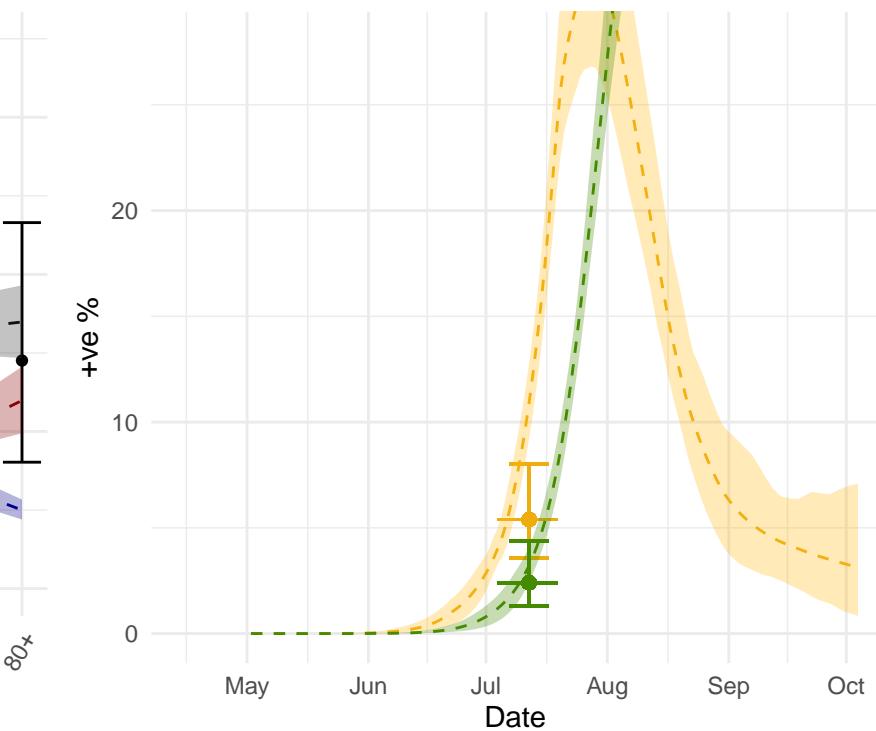
Post-mortem PCR prev. by age

UTH mortuary



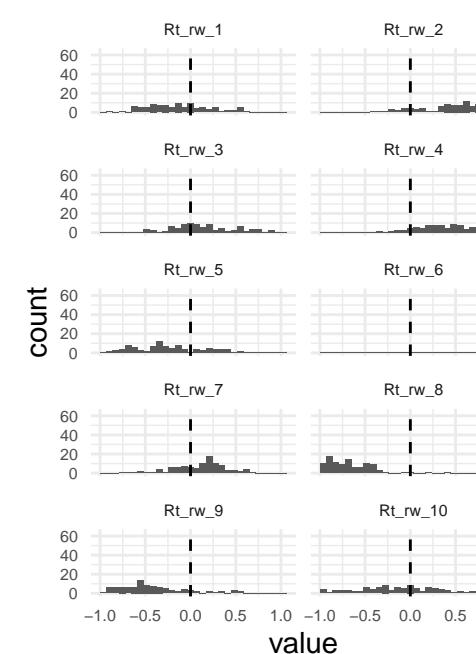
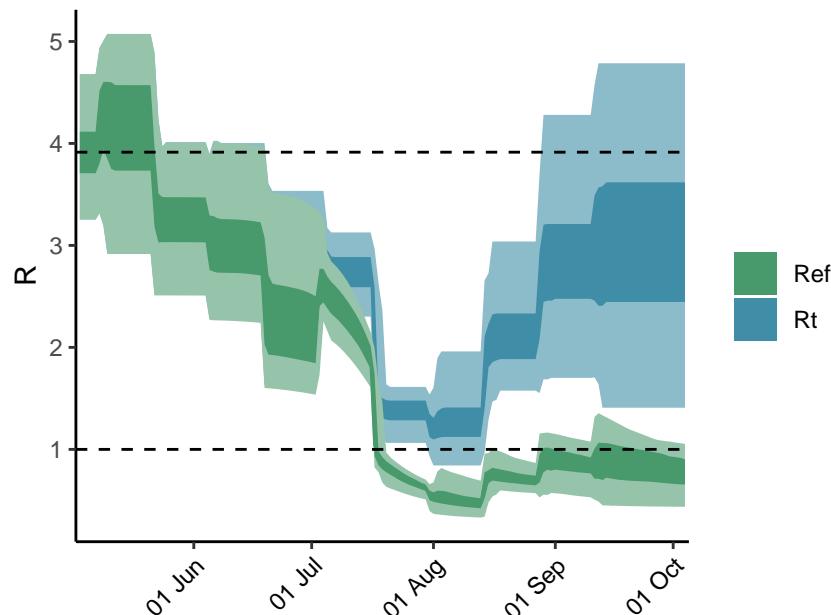
Population prevalence

Lusaka

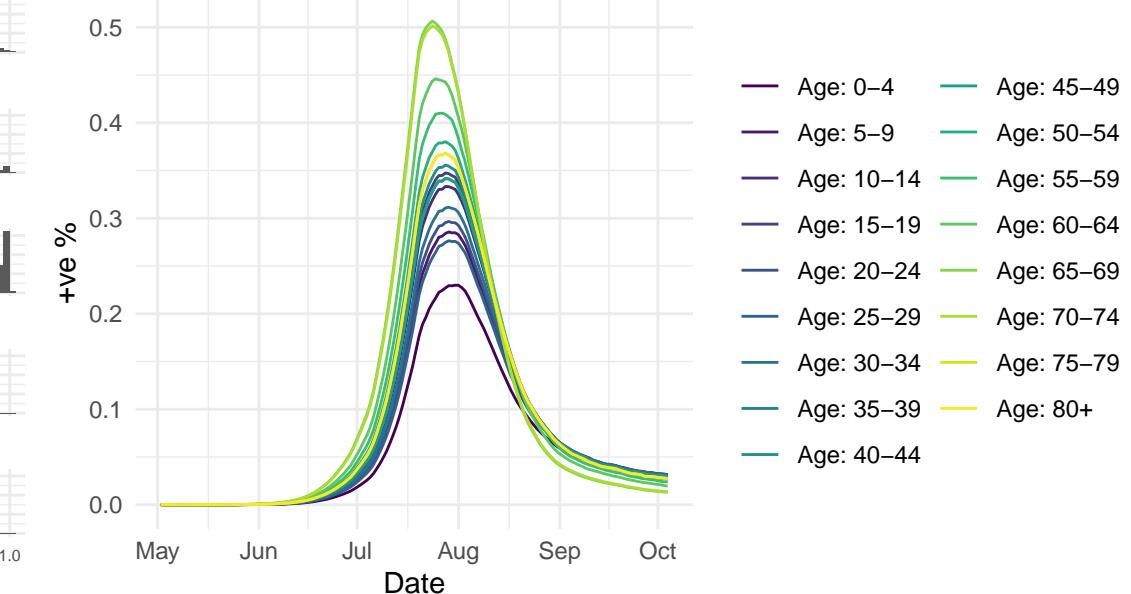


R_{eff}

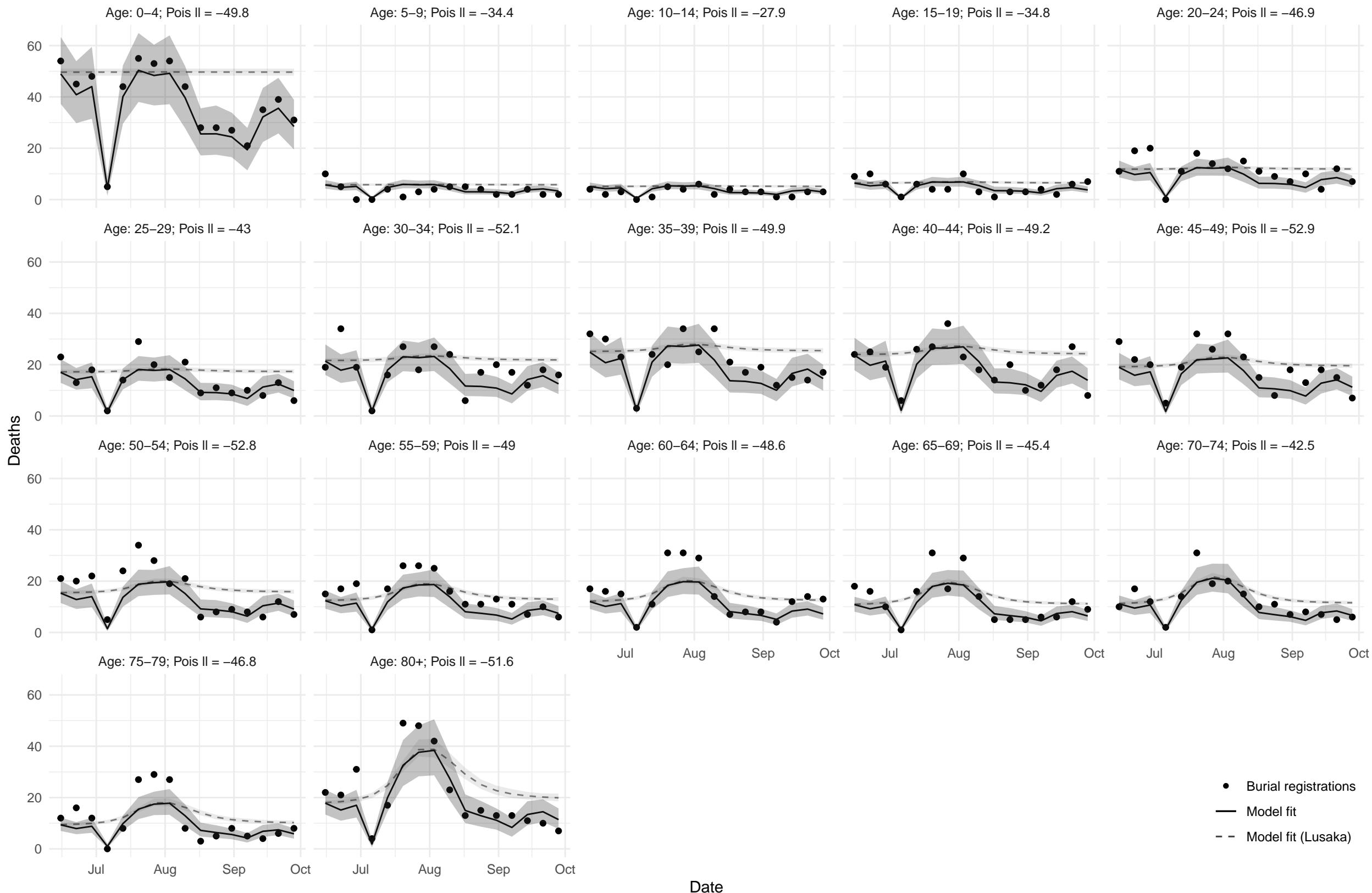
R_t



Modelled PCR %

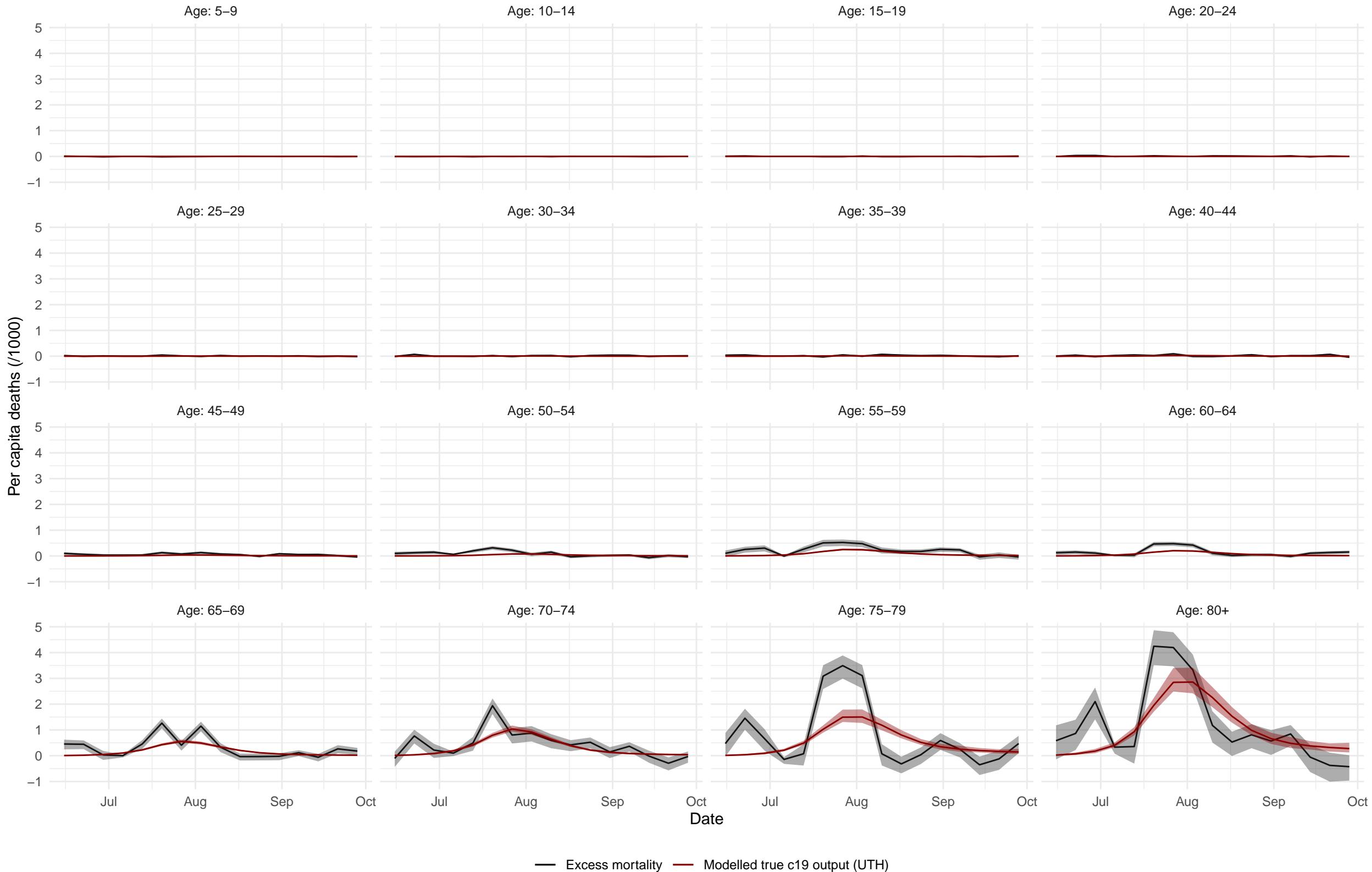


IFR x0.2, Slope x1.25
Lusaka weekly burial registrations



IFR x 0.2, Slope x 1.25

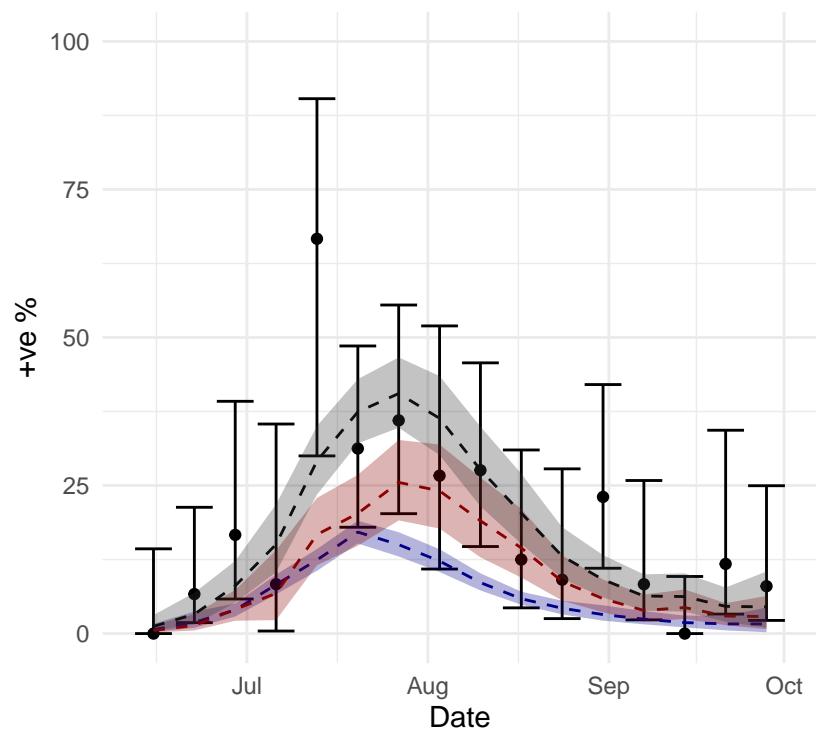
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 0.4, Slope x 1.25

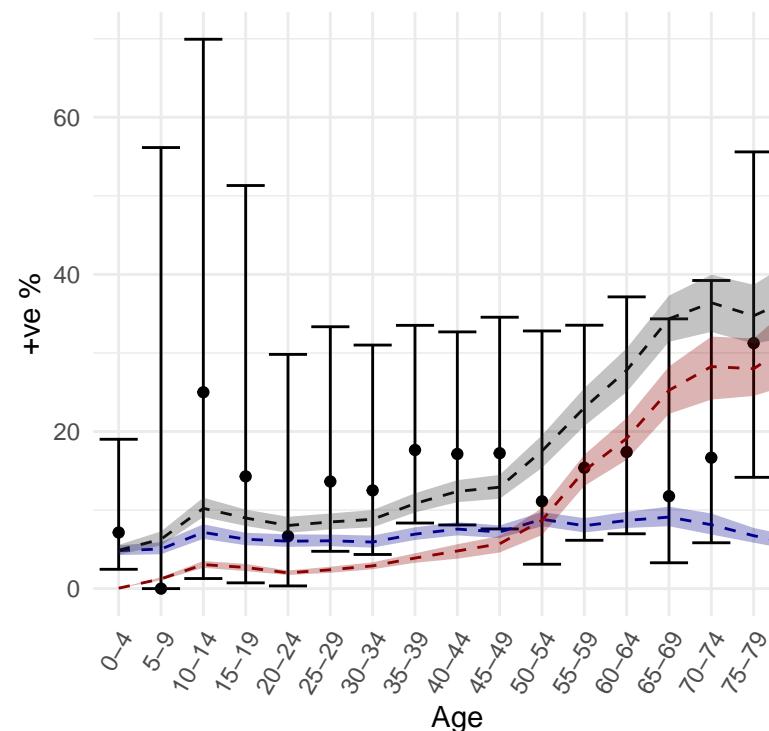
Post-mortem weekly PCR prev.

UTH mortuary



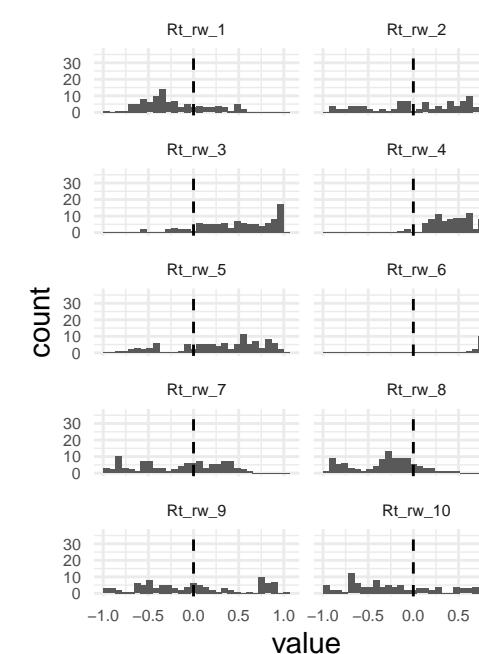
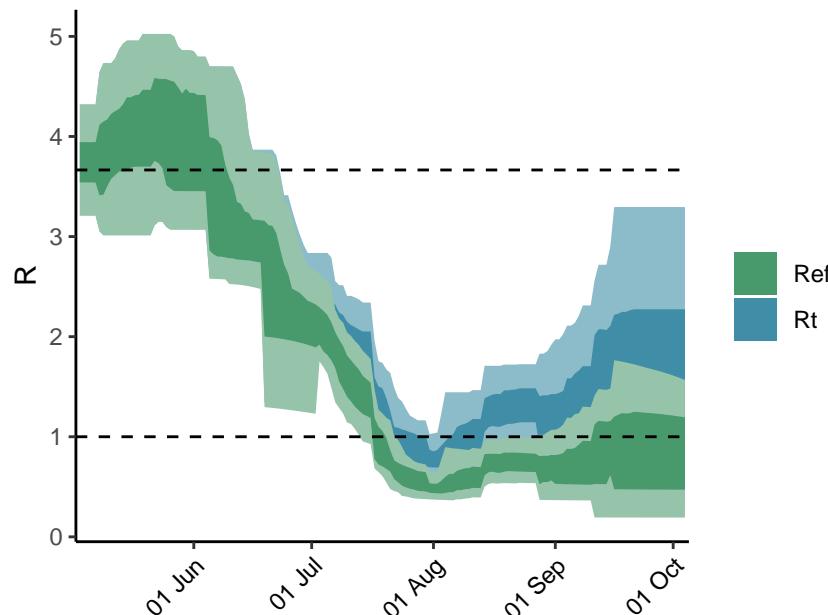
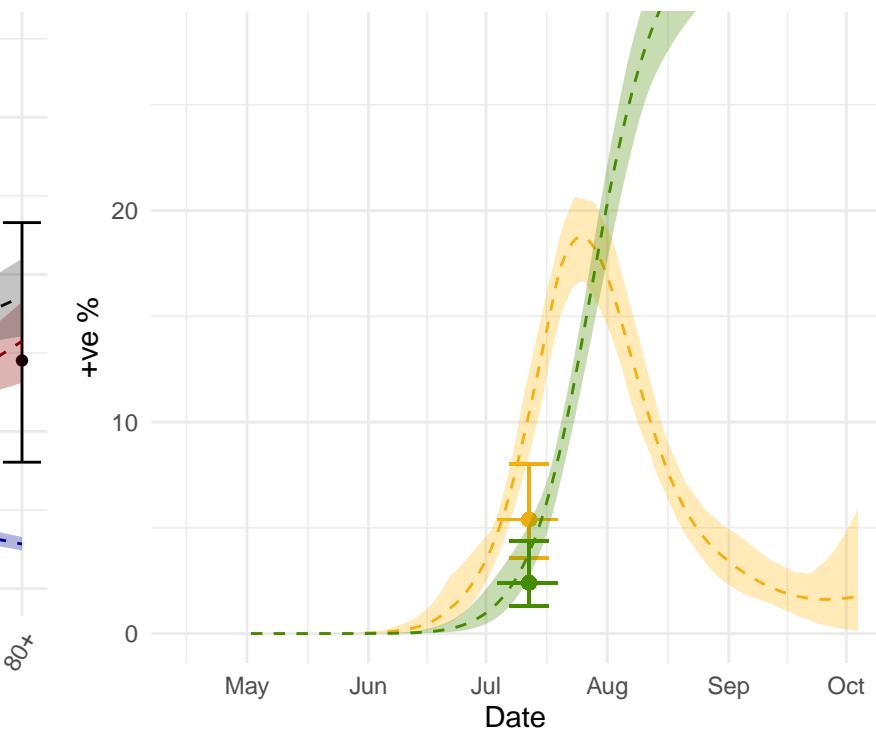
Post-mortem PCR prev. by age

UTH mortuary

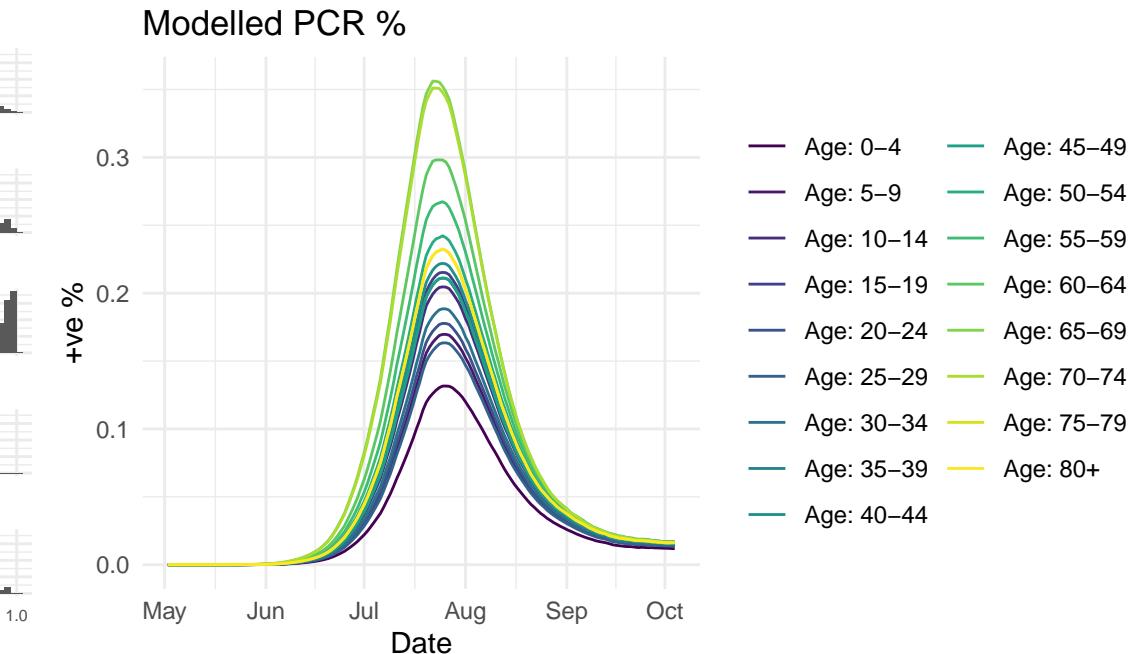


Population prevalence

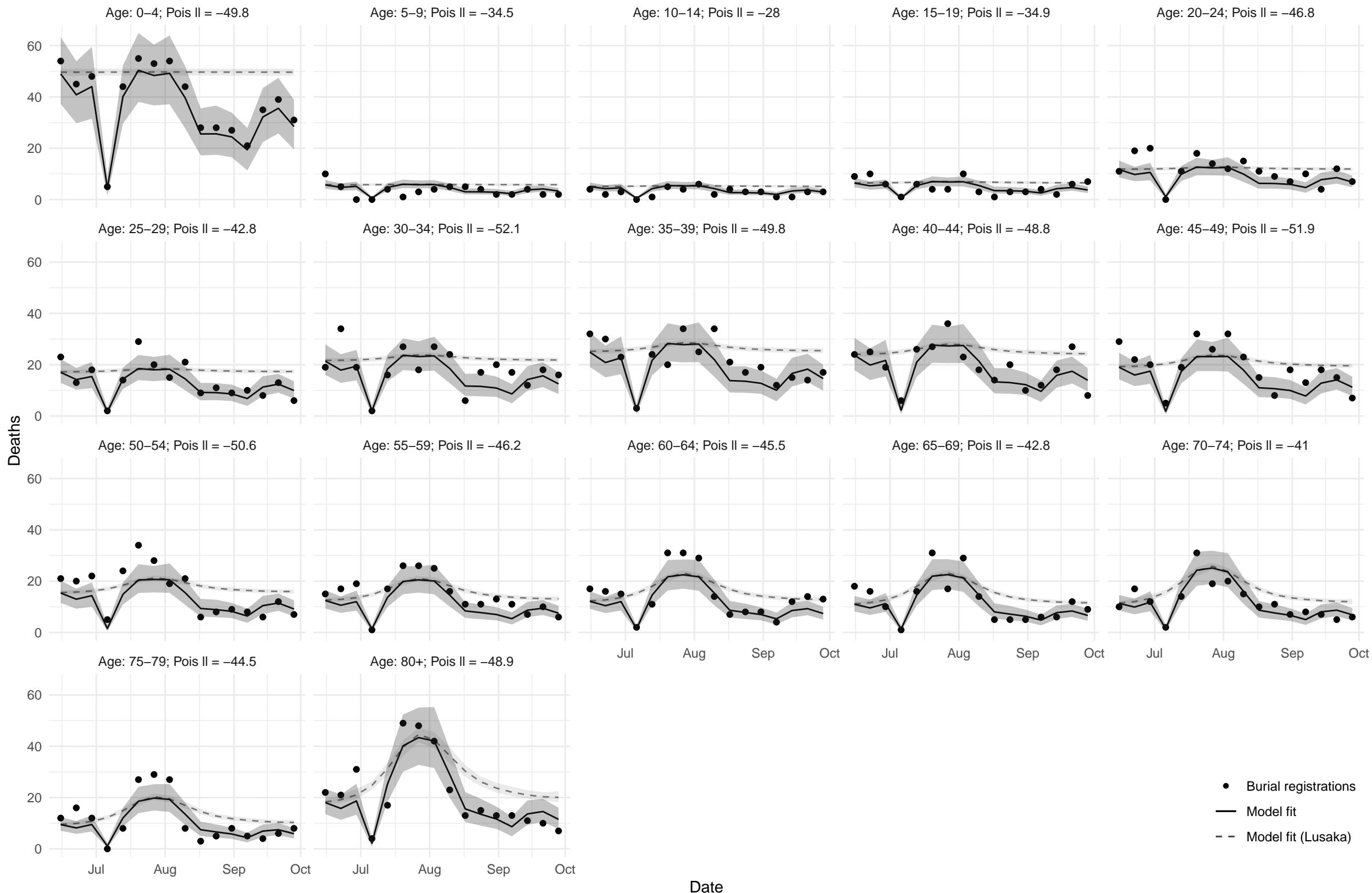
Lusaka



Modelled PCR %

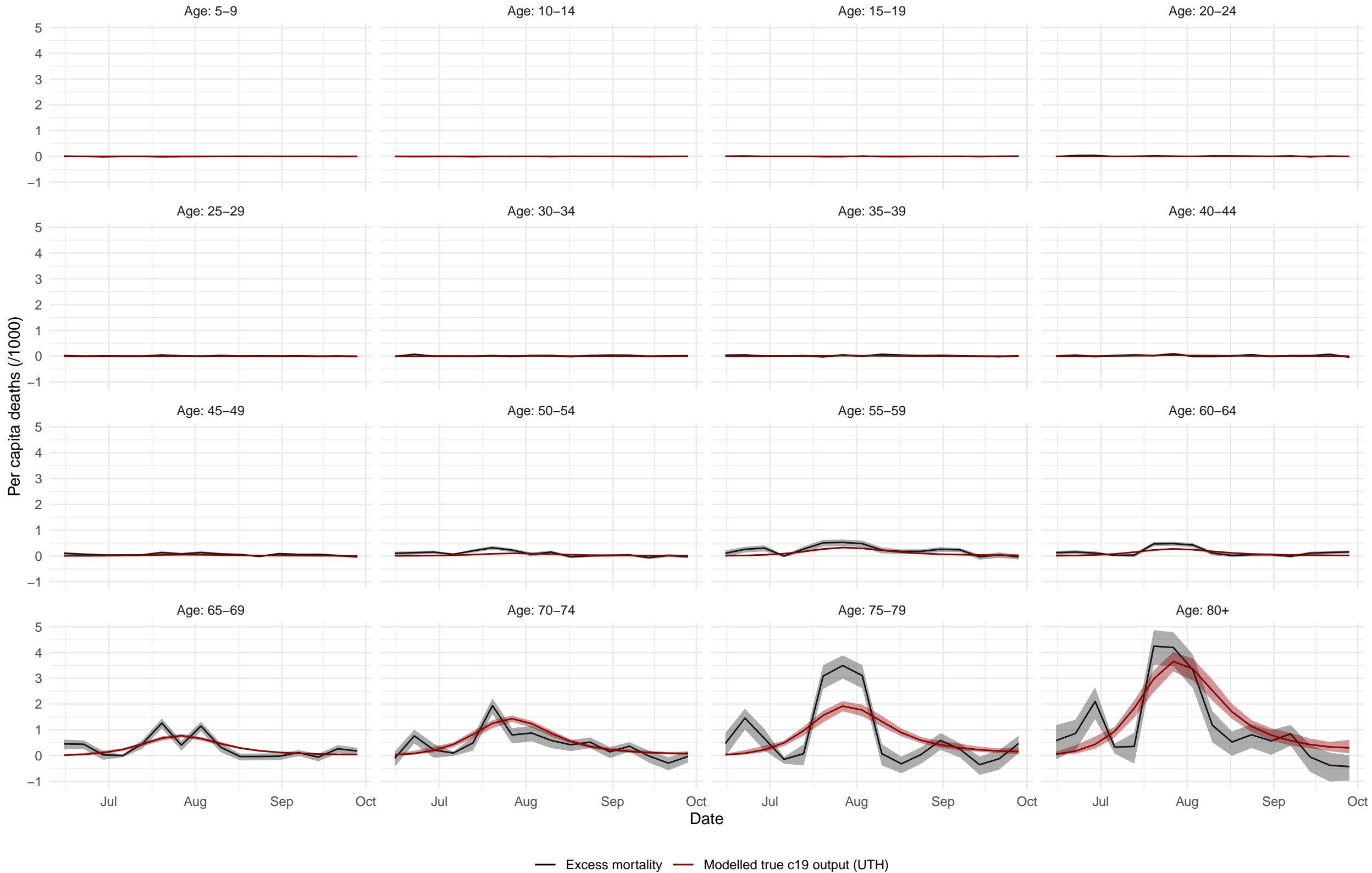


IFR x0.4, Slope x1.25
Lusaka weekly burial registrations



IFR x 0.4, Slope x 1.25

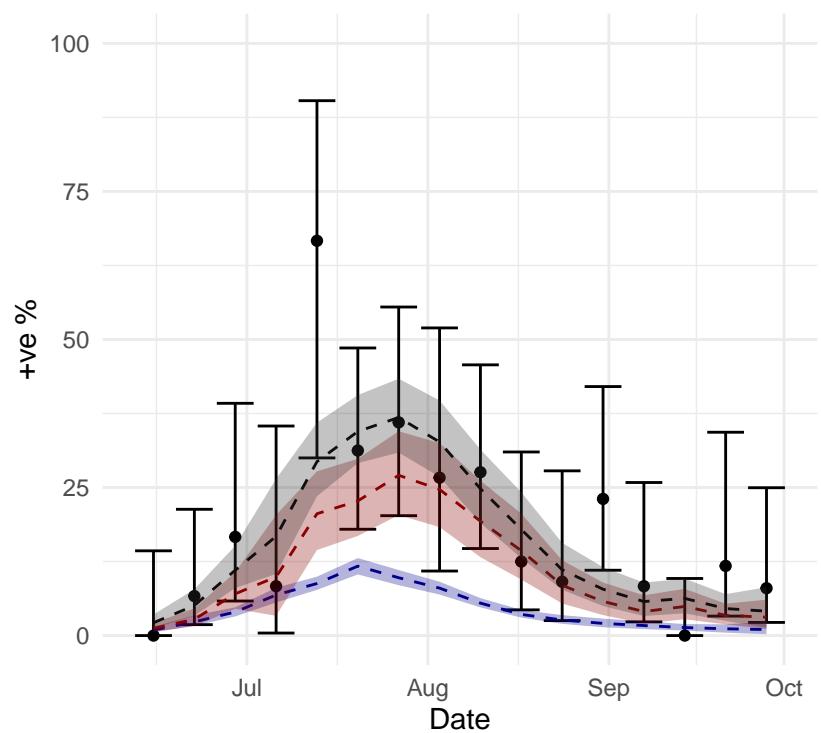
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 0.6, Slope x 1.25

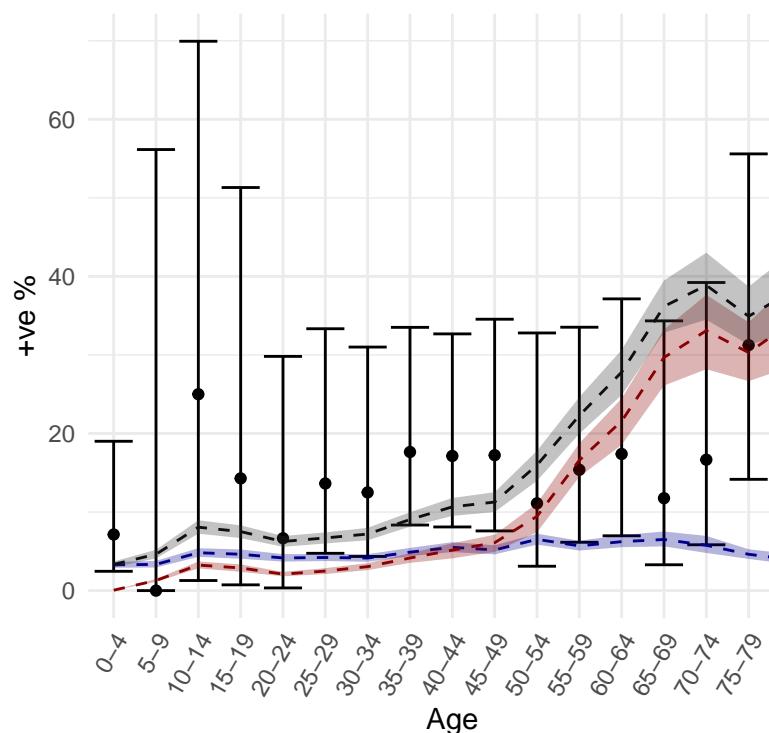
Post-mortem weekly PCR prev.

UTH mortuary

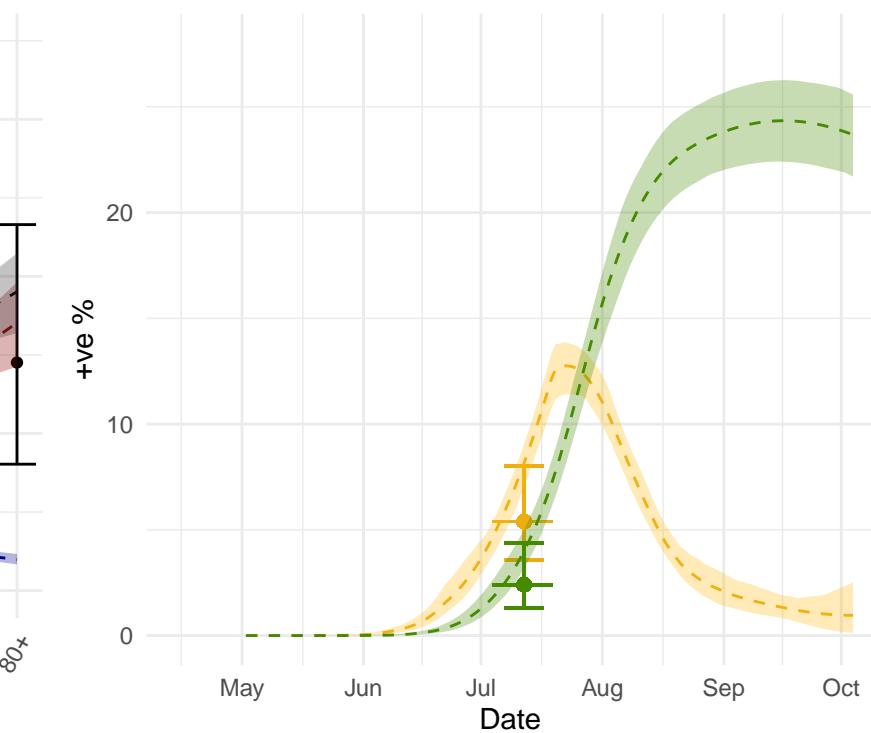


- - Total +ve deaths
- - Causal deaths
- - Coincidental deaths

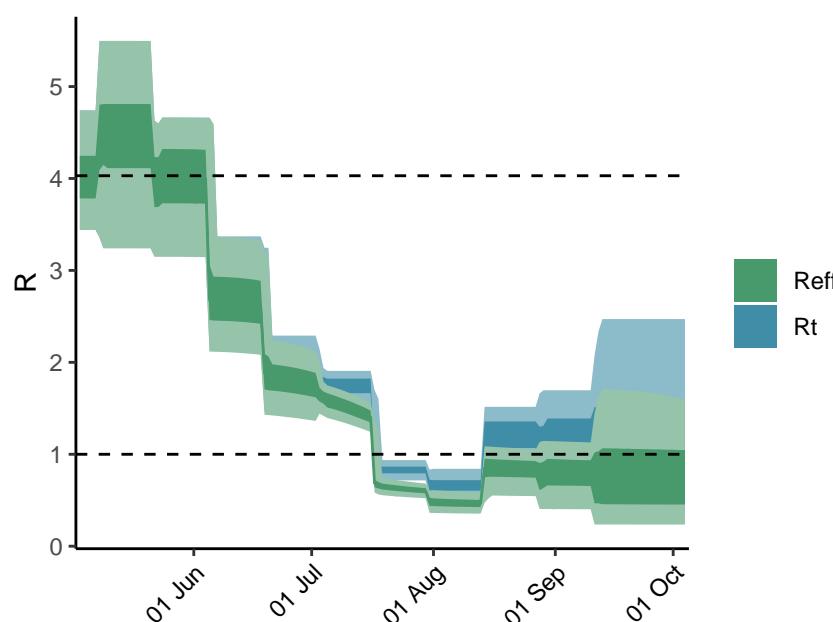
Post-mortem PCR prev. by age
UTH mortuary



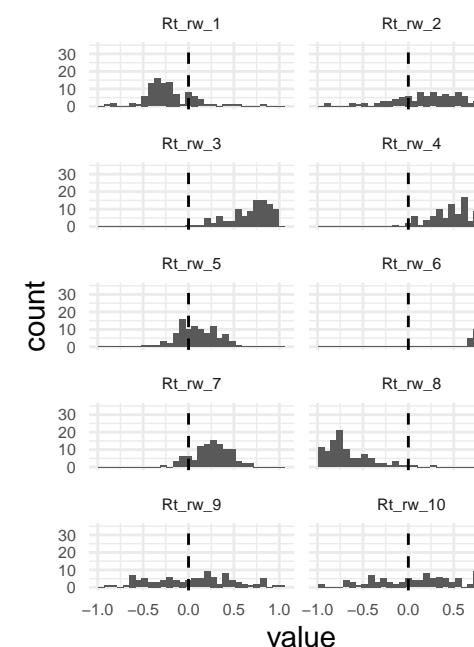
Population prevalence
Lusaka



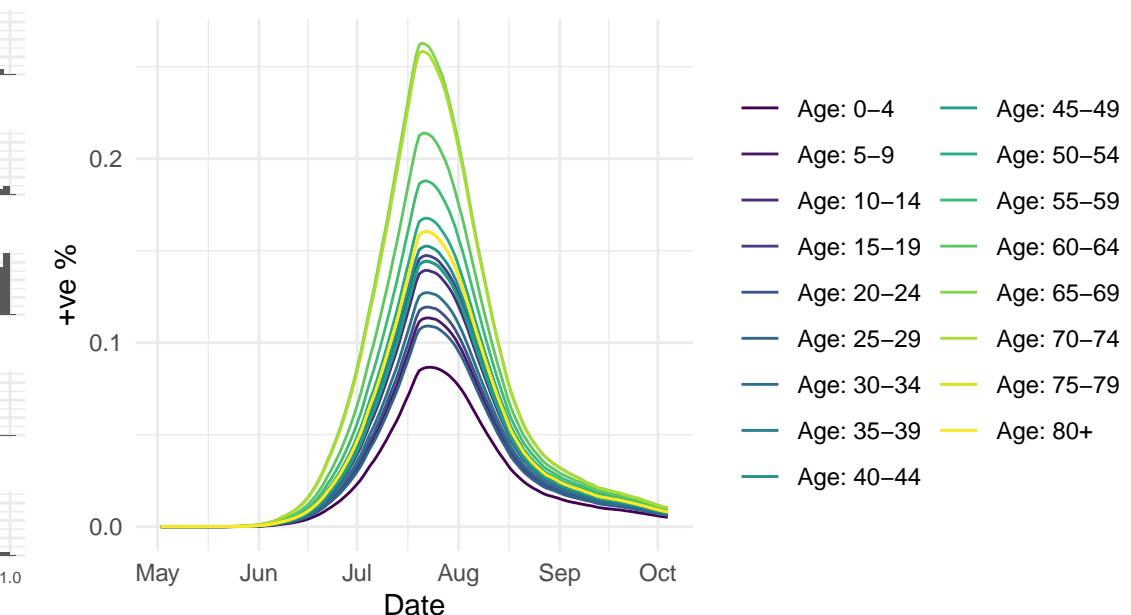
- PCR % (Lusaka)
- Sero % (Lusaka)



- Reff
- Rt

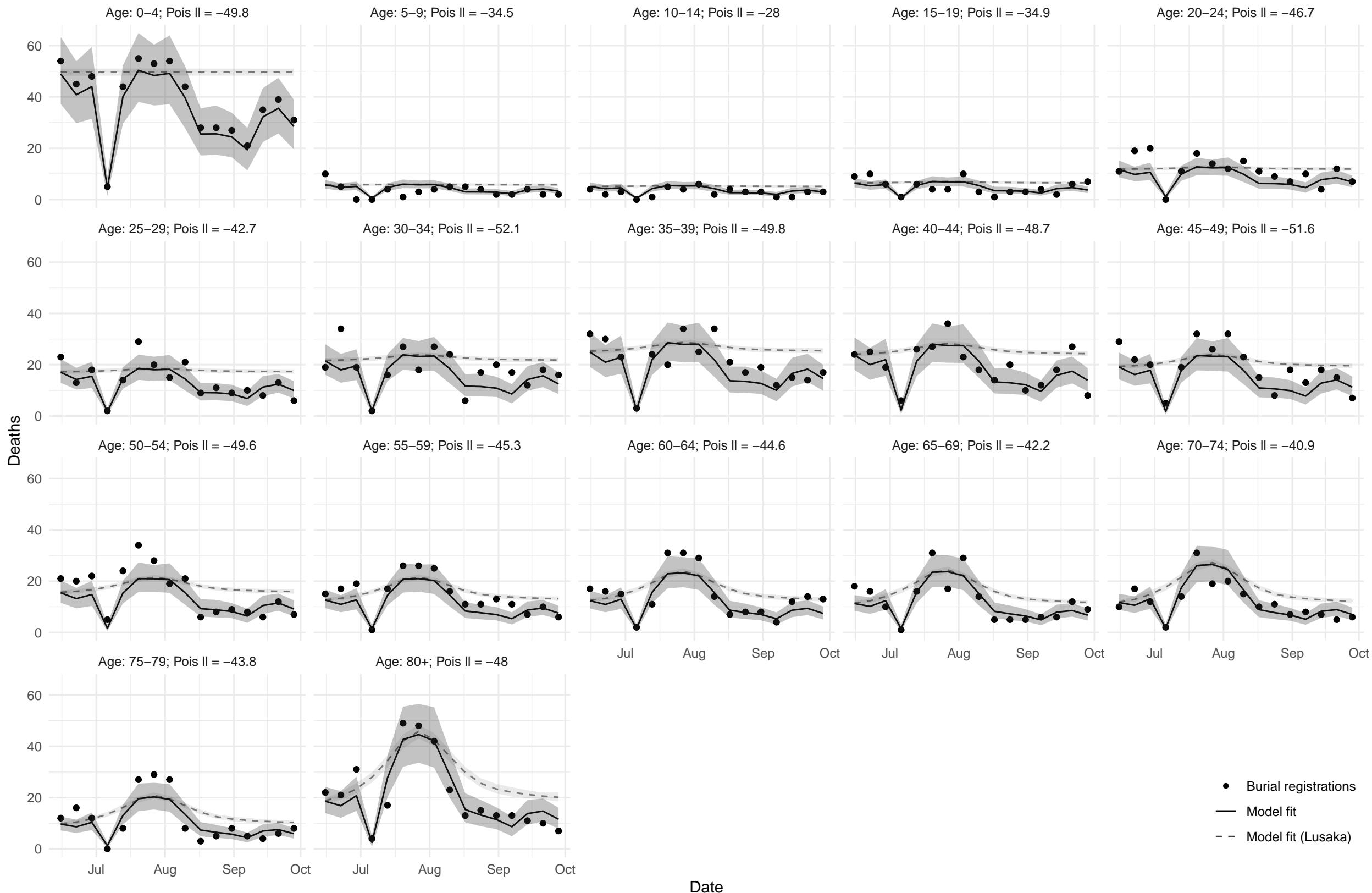


Modelled PCR %



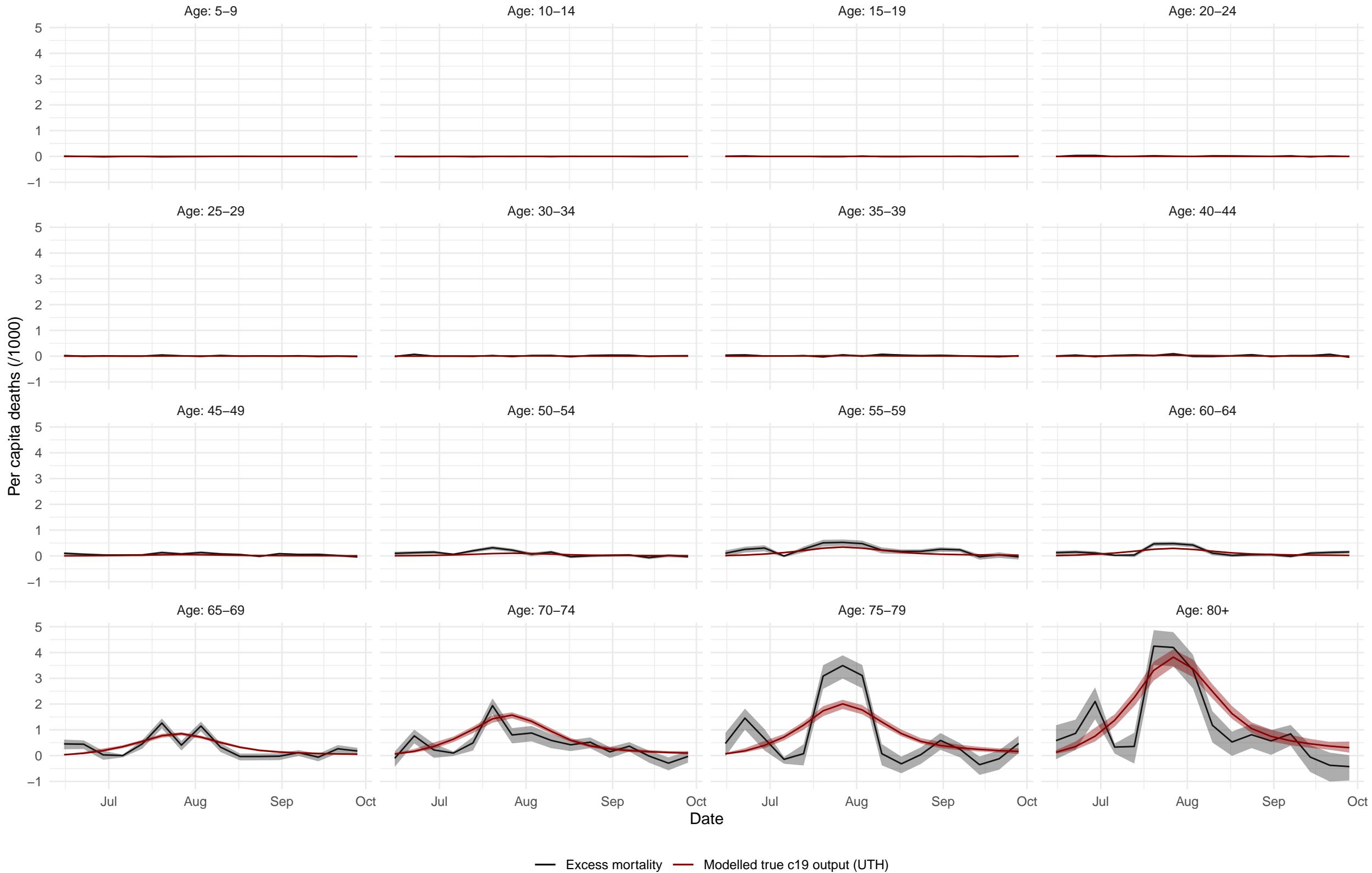
- Age: 0-4
- Age: 5-9
- Age: 10-14
- Age: 15-19
- Age: 20-24
- Age: 25-29
- Age: 30-34
- Age: 35-39
- Age: 40-44
- Age: 45-49
- Age: 50-54
- Age: 55-59
- Age: 60-64
- Age: 65-69
- Age: 70-74
- Age: 75-79
- Age: 80+

IFR x0.6, Slope x1.25
Lusaka weekly burial registrations



IFR x 0.6, Slope x 1.25

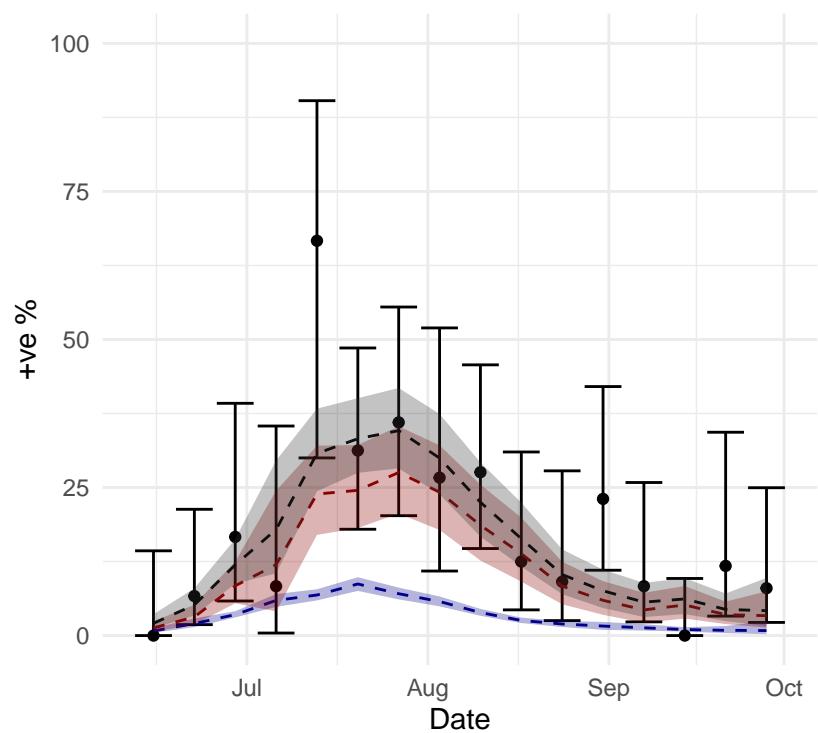
COVID-19 excess mortality: Comparison of MCMC results with squire results



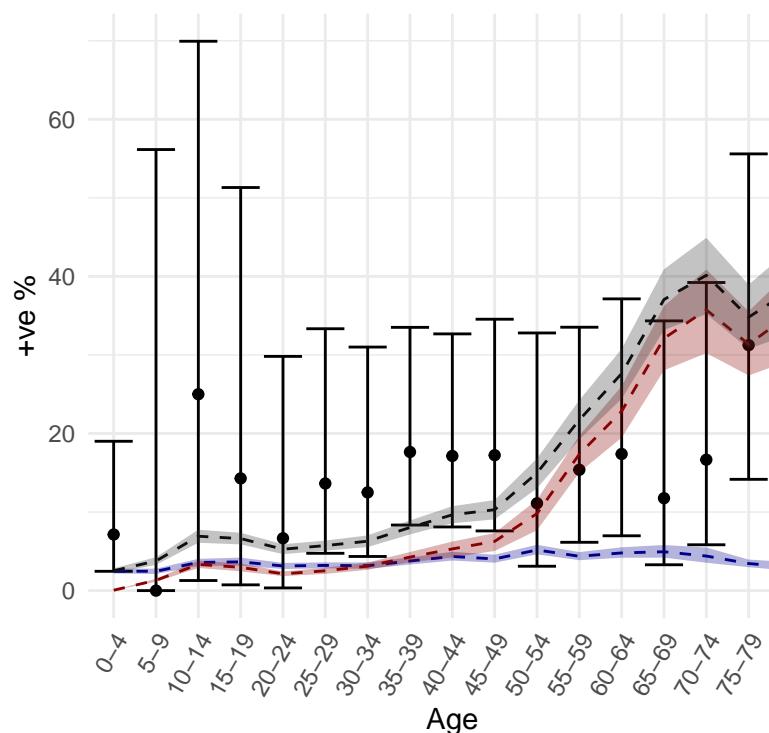
IFR x 0.8, Slope x 1.25

Post-mortem weekly PCR prev.

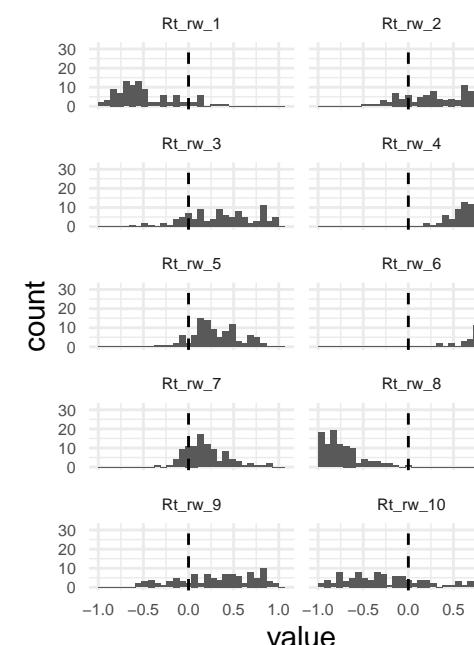
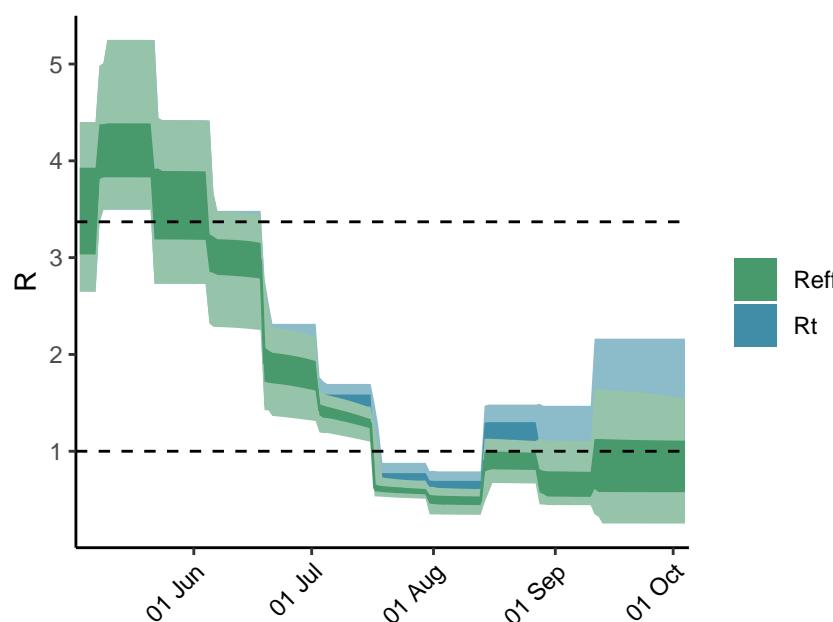
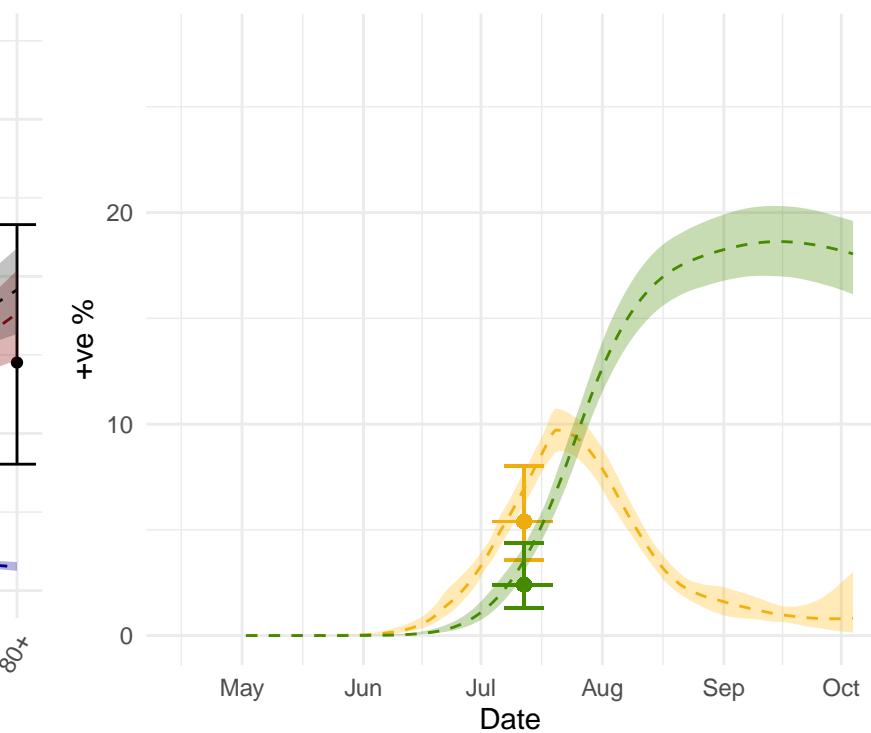
UTH mortuary



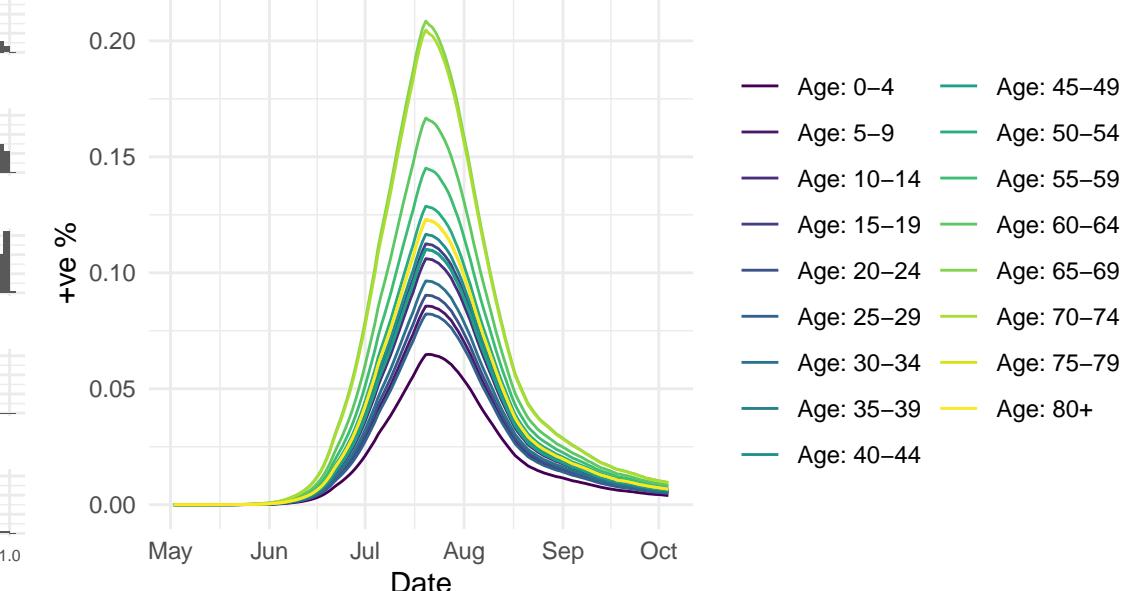
Post-mortem PCR prev. by age
UTH mortuary



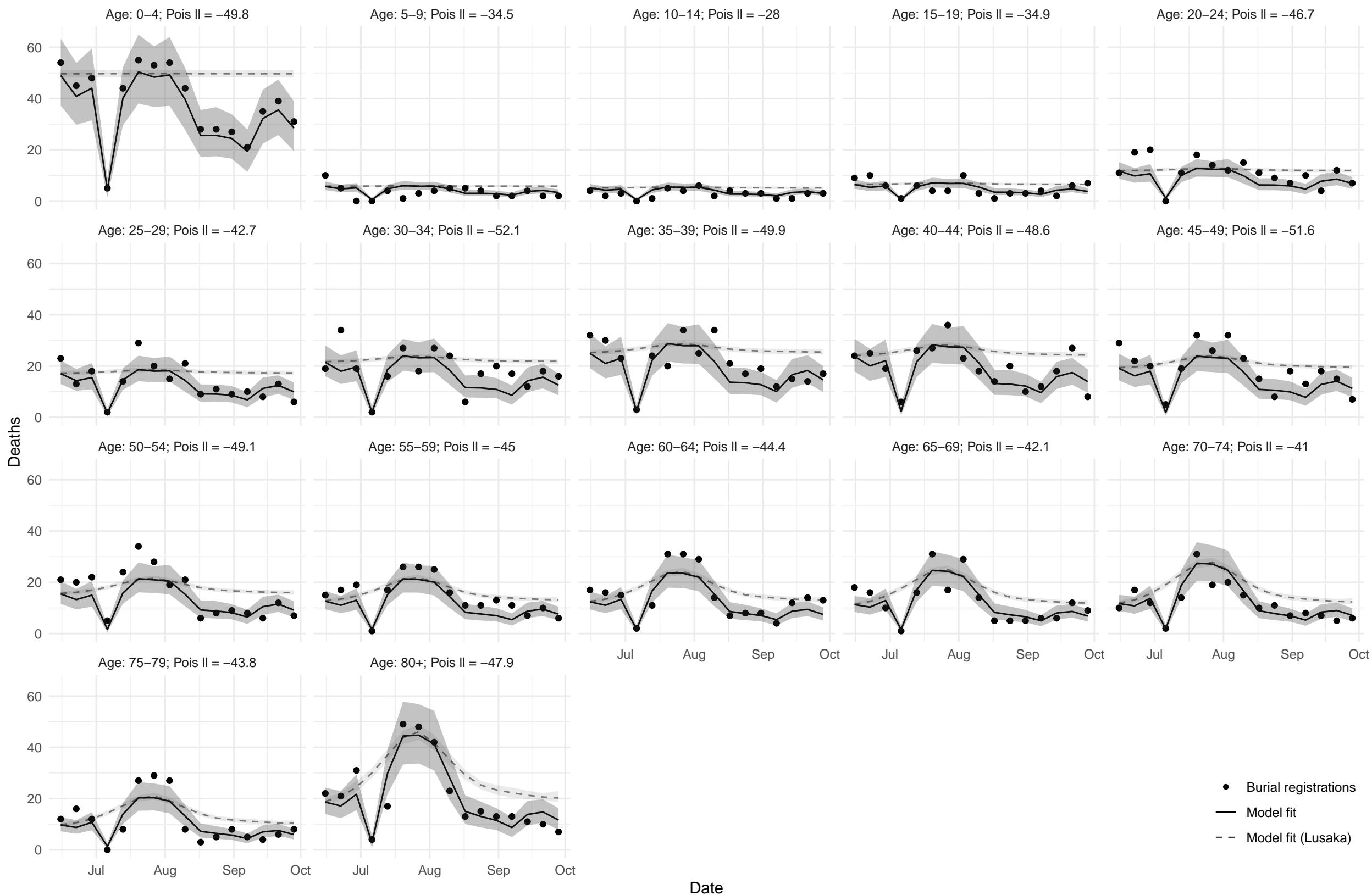
Population prevalence
Lusaka



Modelled PCR %

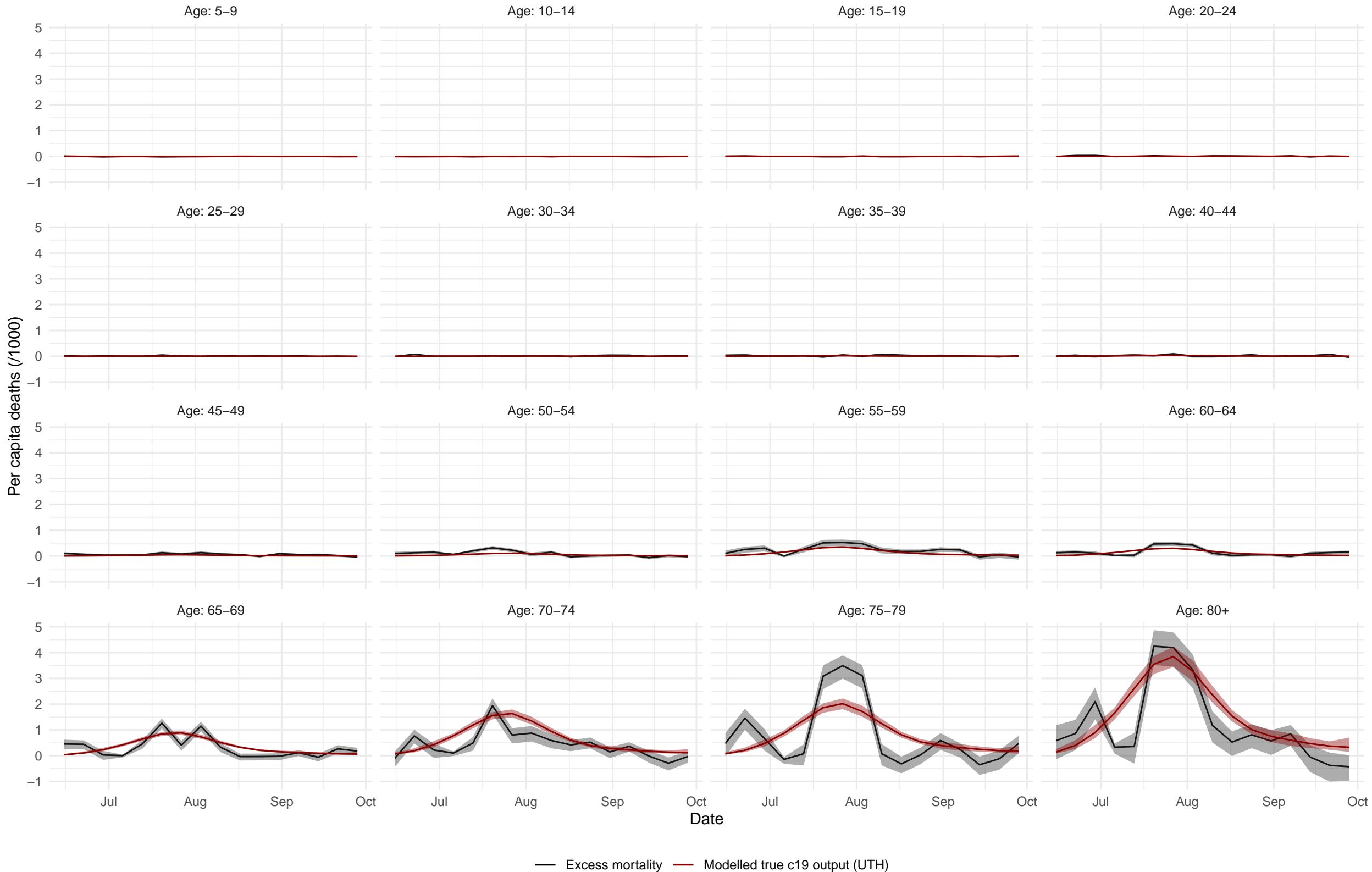


IFR x0.8, Slope x1.25
Lusaka weekly burial registrations



IFR x 0.8, Slope x 1.25

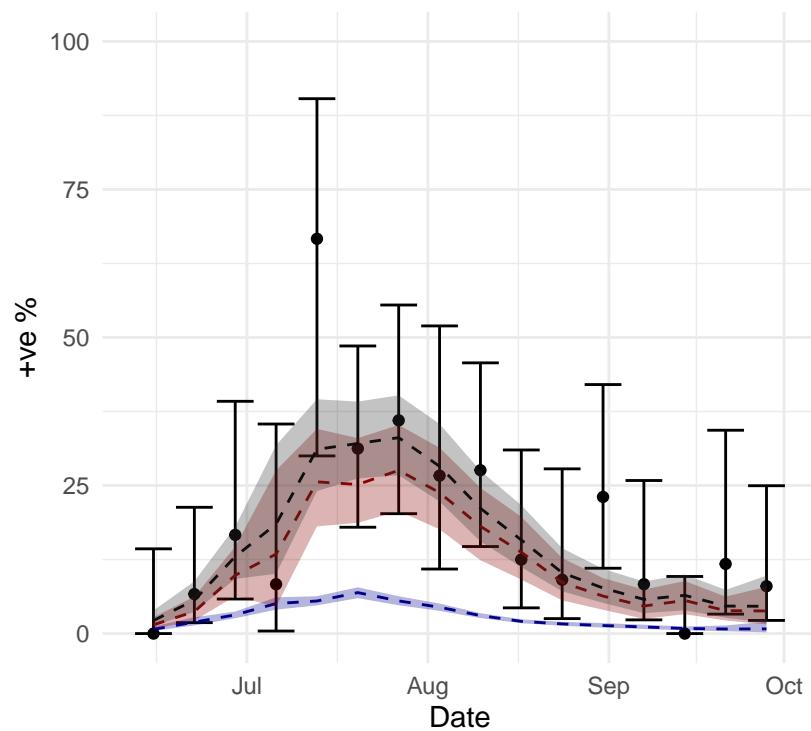
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 1, Slope x 1.25

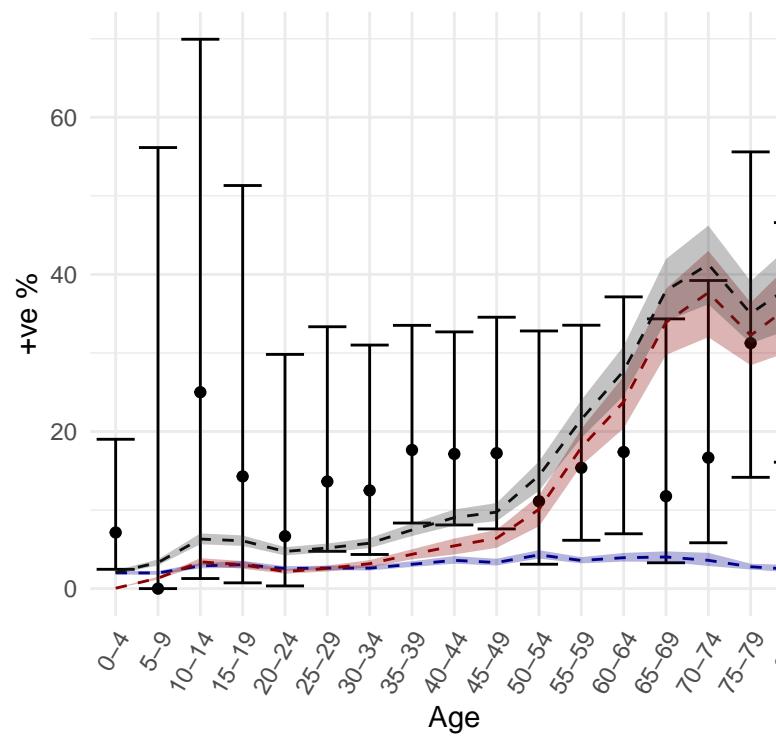
Post-mortem weekly PCR prev.

UTH mortuary

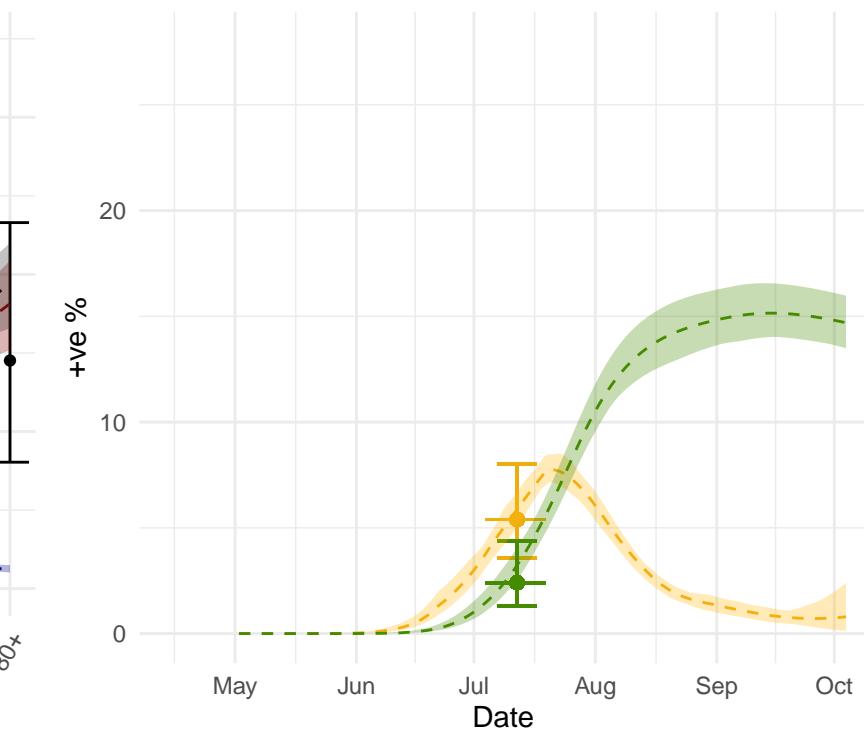


- - Total +ve deaths
- - Causal deaths
- - Coincidental deaths

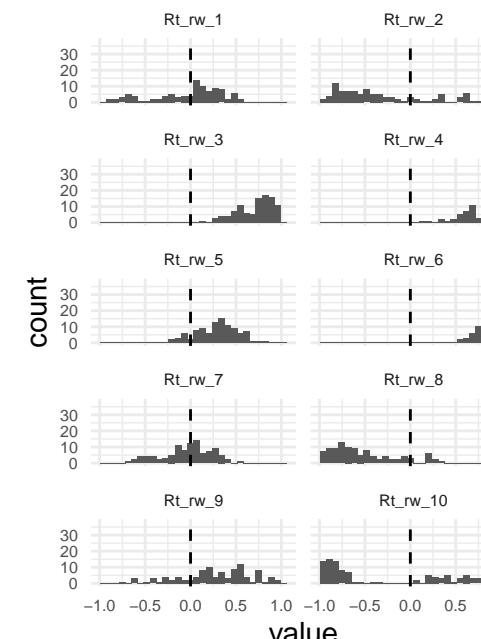
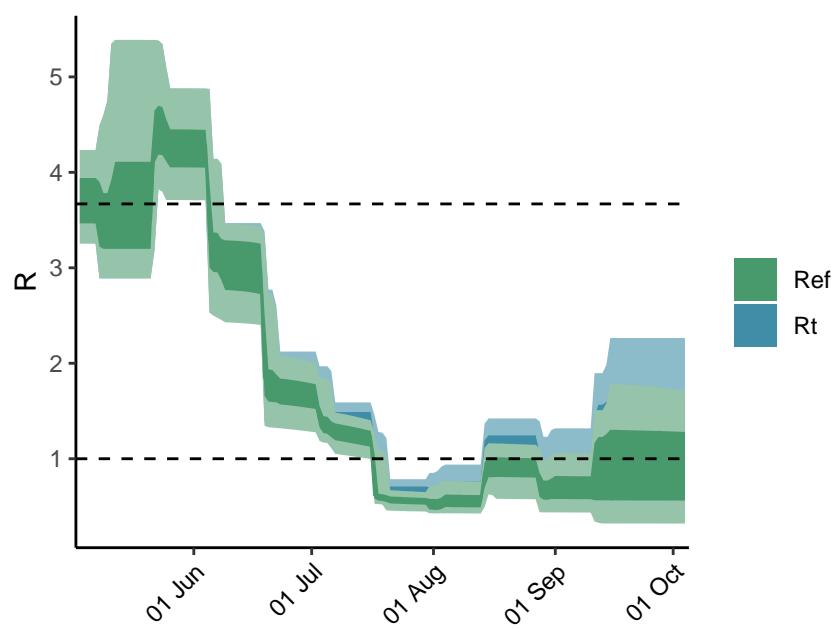
Post-mortem PCR prev. by age
UTH mortuary



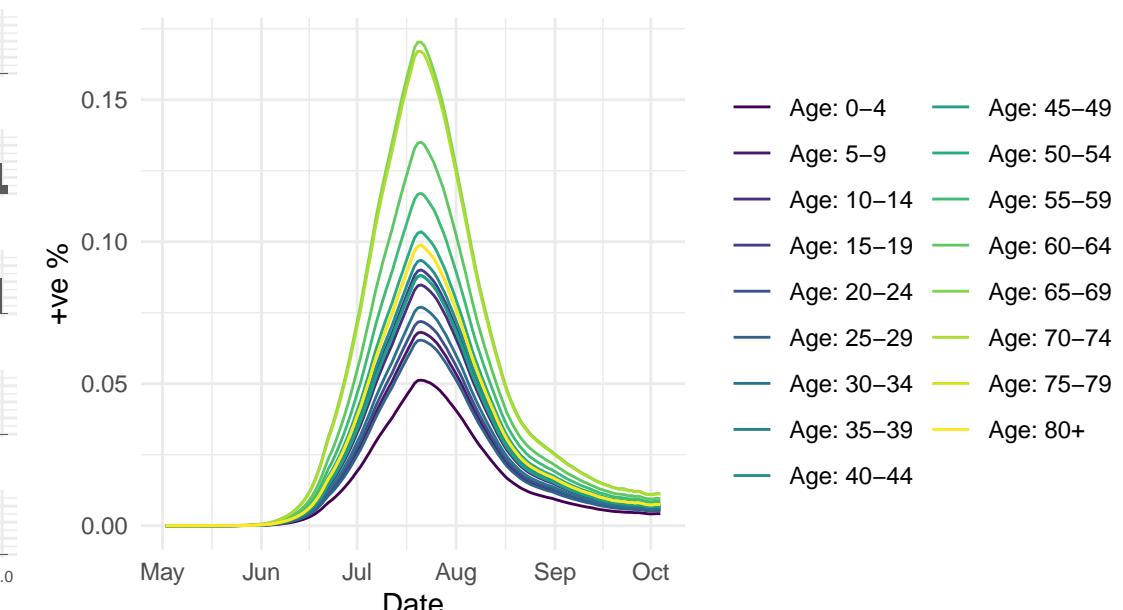
Population prevalence
Lusaka



- PCR % (Lusaka)
- Sero % (Lusaka)

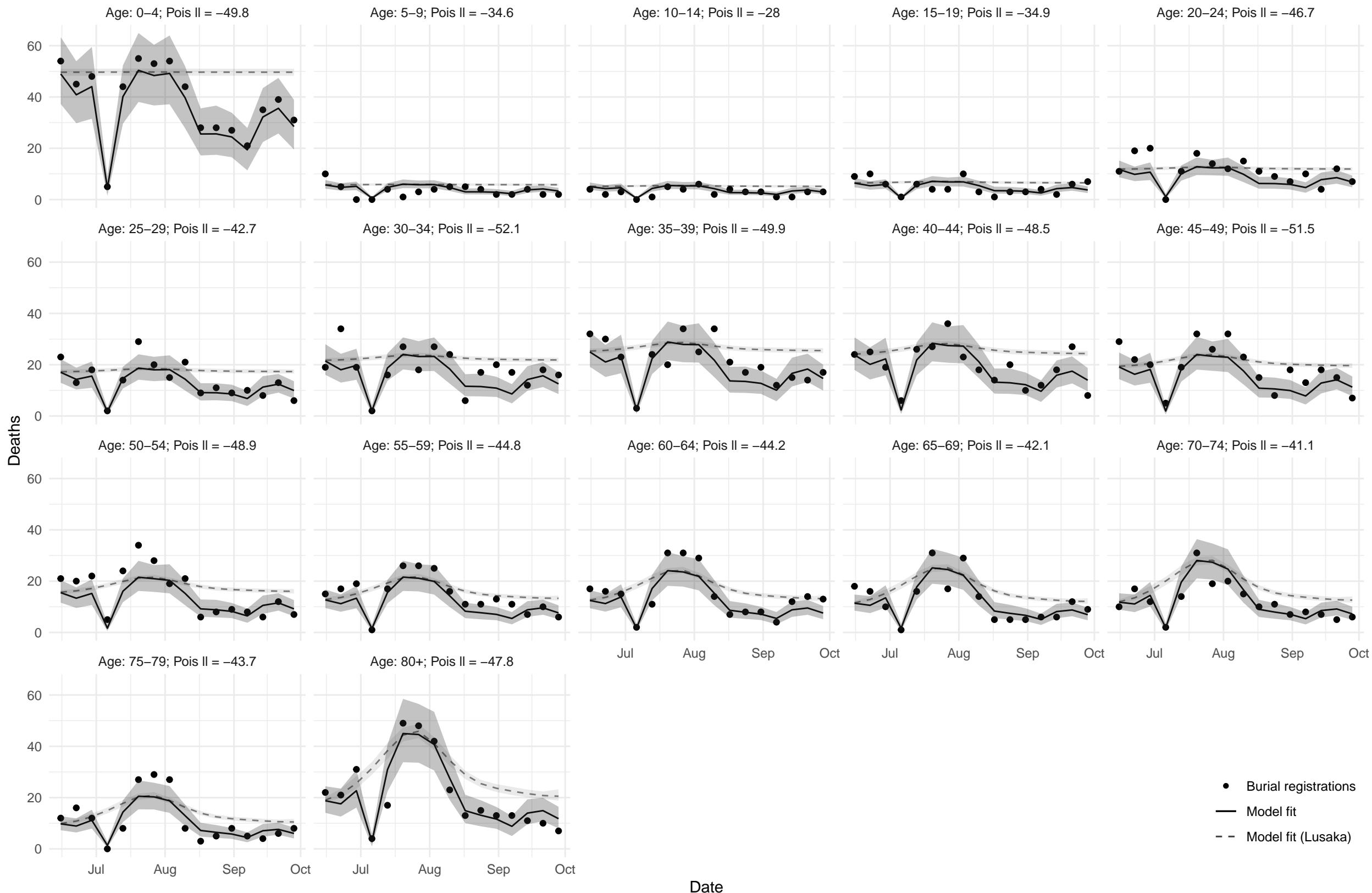


Modelled PCR %



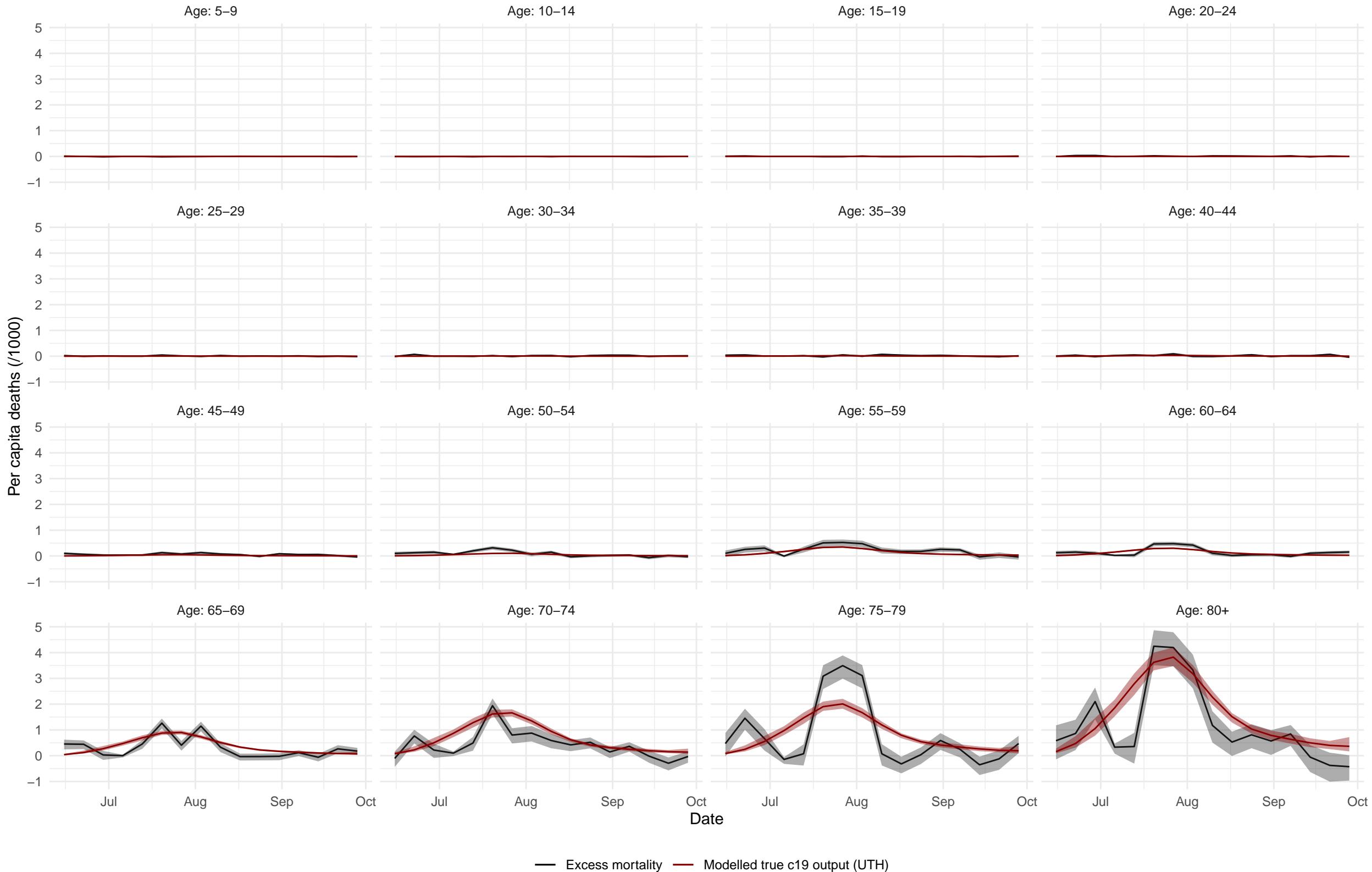
- Age: 0-4
- Age: 5-9
- Age: 10-14
- Age: 15-19
- Age: 20-24
- Age: 25-29
- Age: 30-34
- Age: 35-39
- Age: 40-44
- Age: 45-49
- Age: 50-54
- Age: 55-59
- Age: 60-64
- Age: 65-69
- Age: 70-74
- Age: 75-79
- Age: 80+

IFR x1, Slope x1.25
Lusaka weekly burial registrations

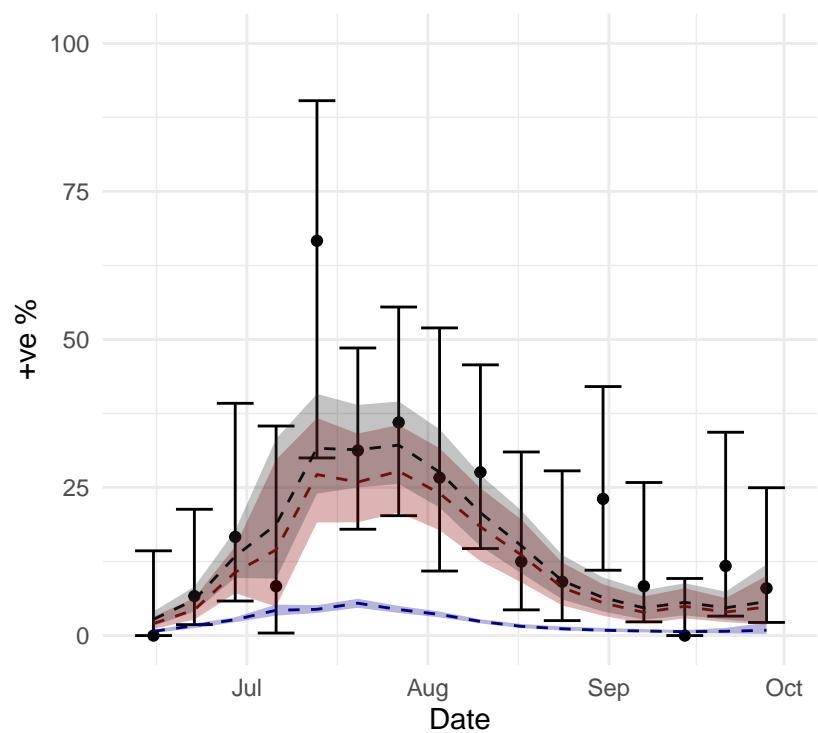


IFR x 1, Slope x 1.25

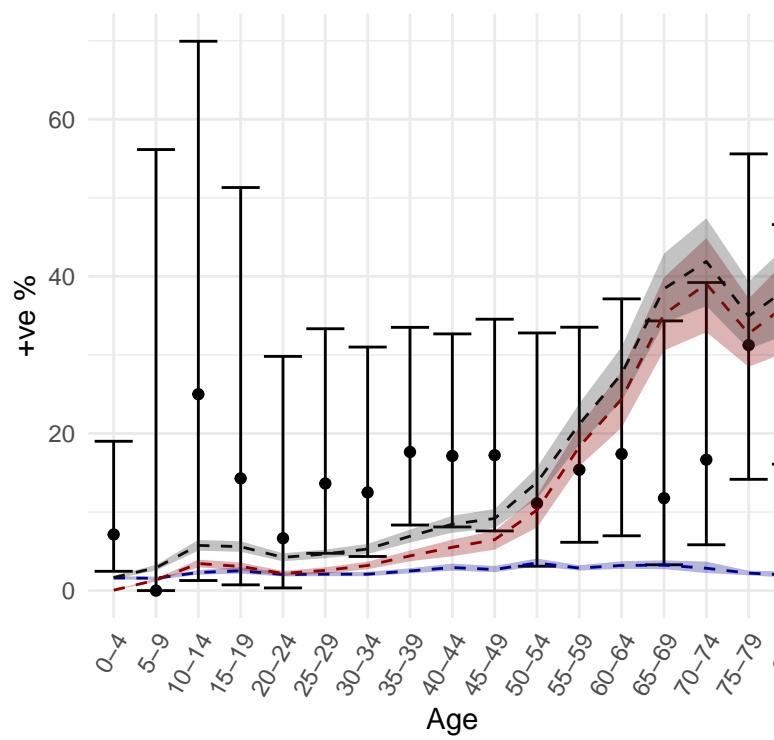
COVID-19 excess mortality: Comparison of MCMC results with squire results



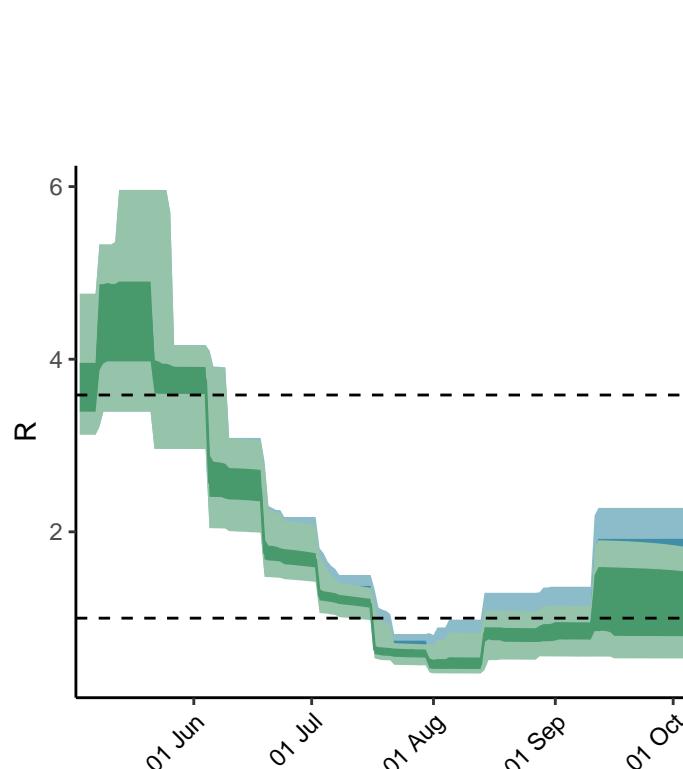
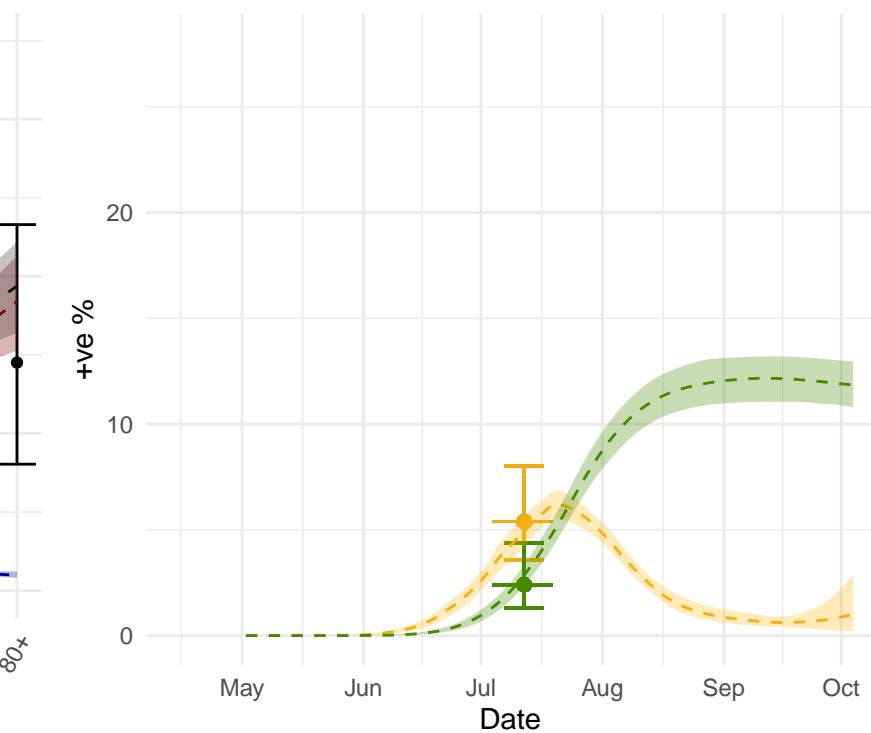
IFR x 1.25, Slope x 1.25
Post-mortem weekly PCR prev.
UTH mortuary



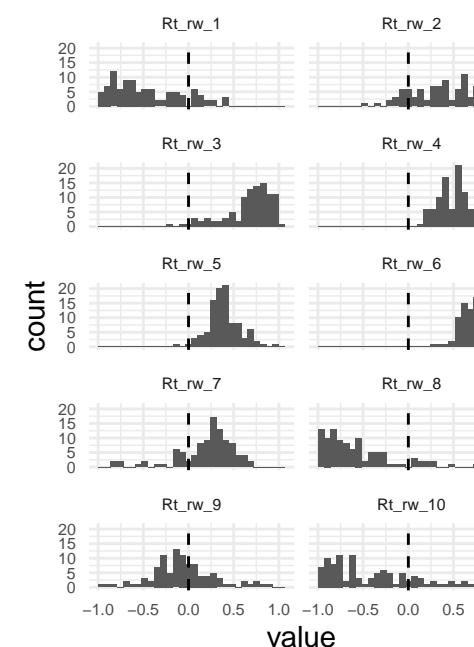
Post-mortem PCR prev. by age
UTH mortuary



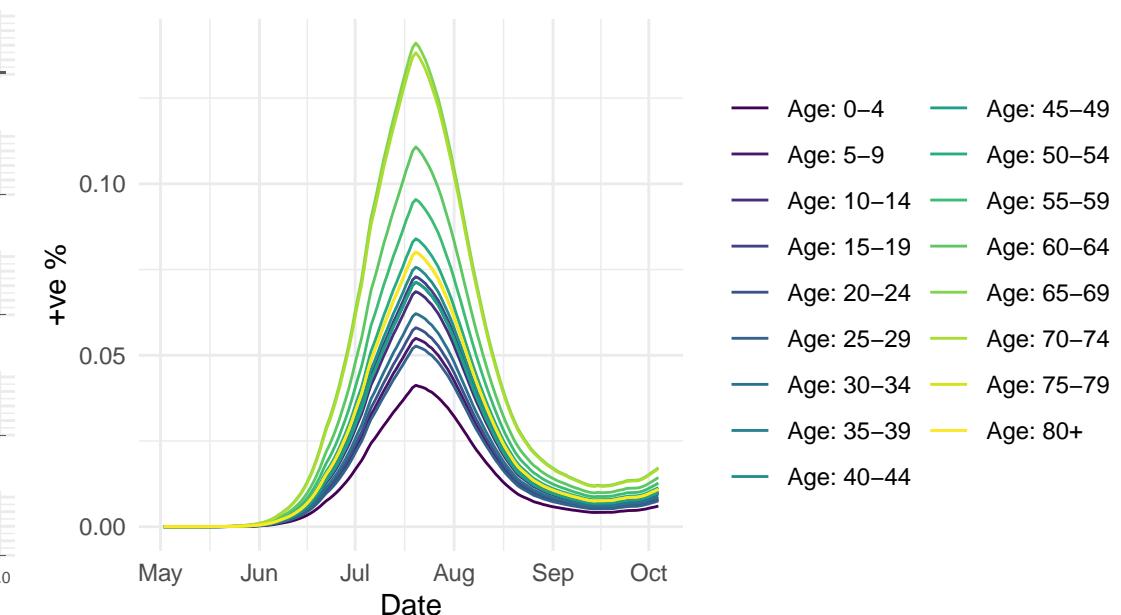
Population prevalence
Lusaka



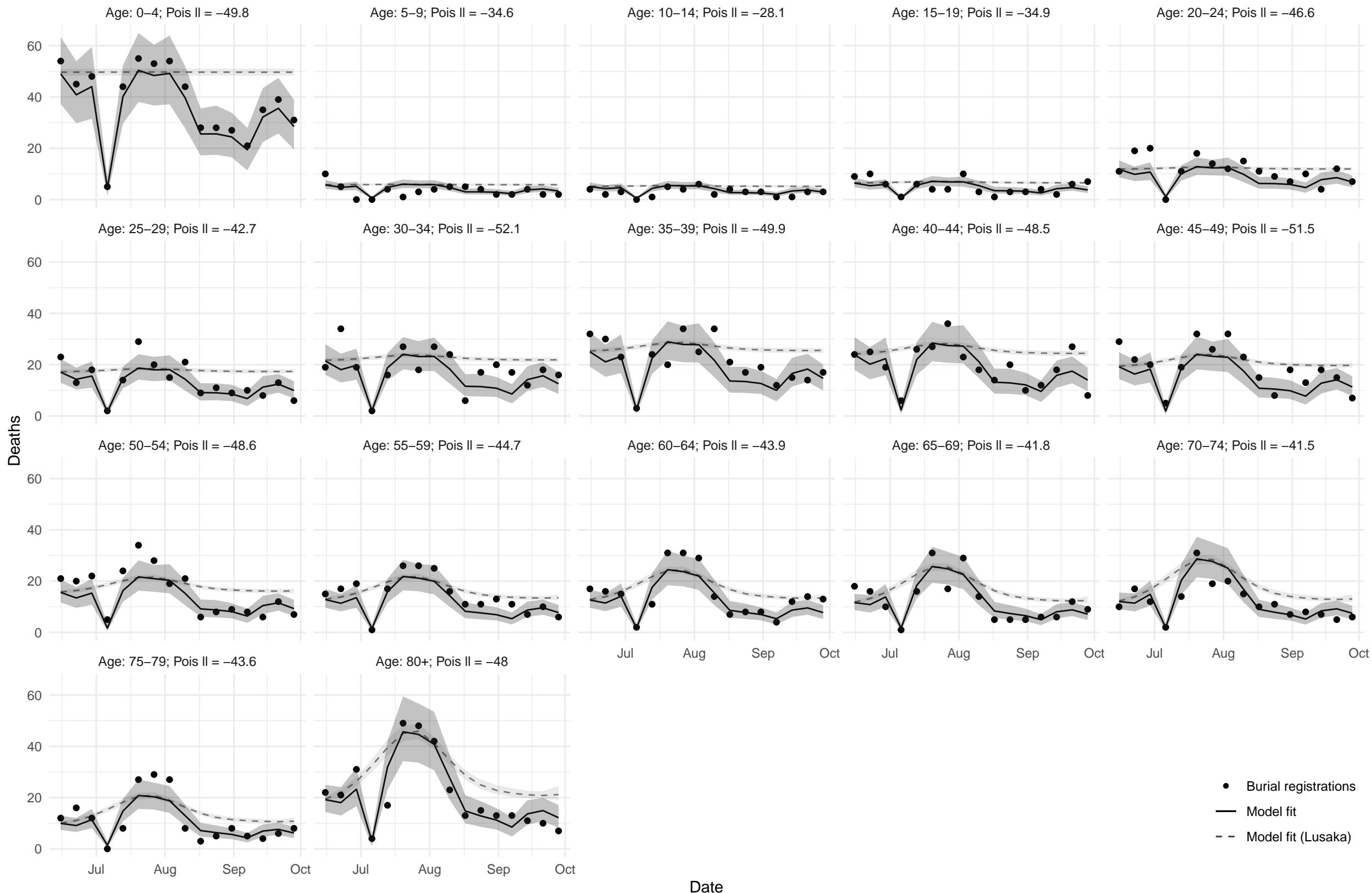
- - Total +ve deaths
- - Causal deaths
- - Coincidental deaths



Modelled PCR %

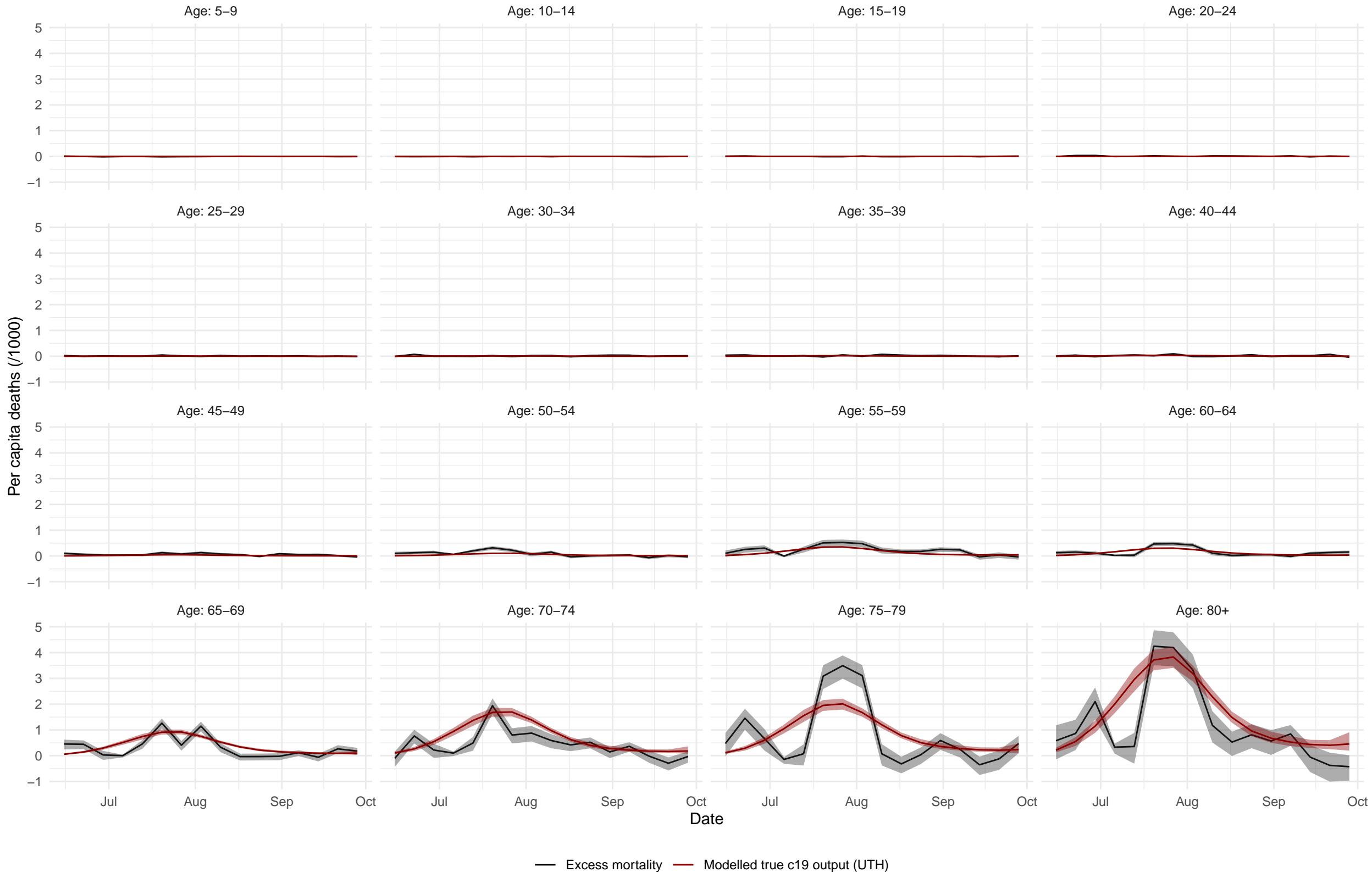


IFR x1.25, Slope x1.25
Lusaka weekly burial registrations

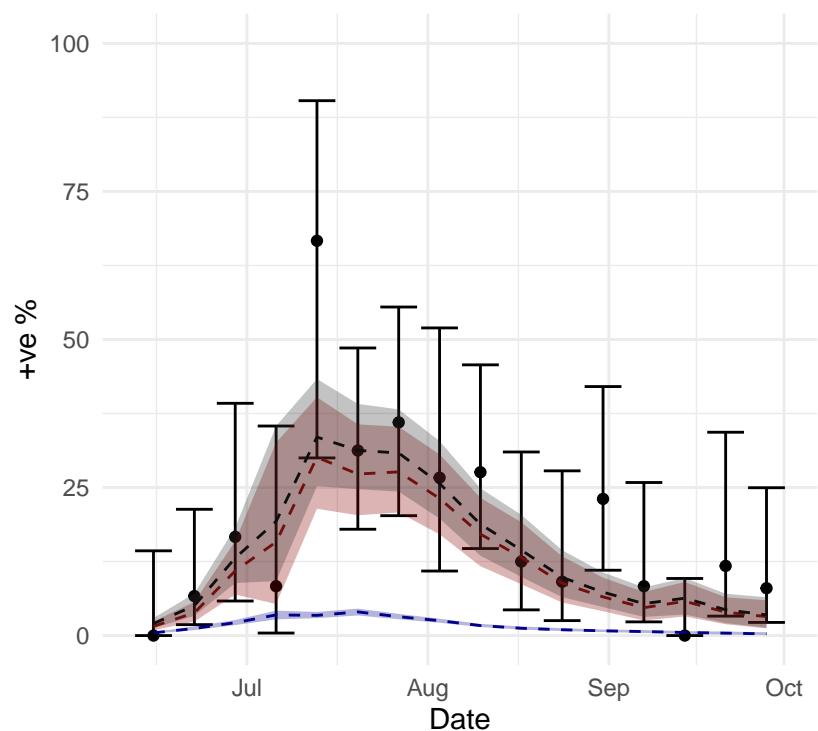


IFR x 1.25, Slope x 1.25

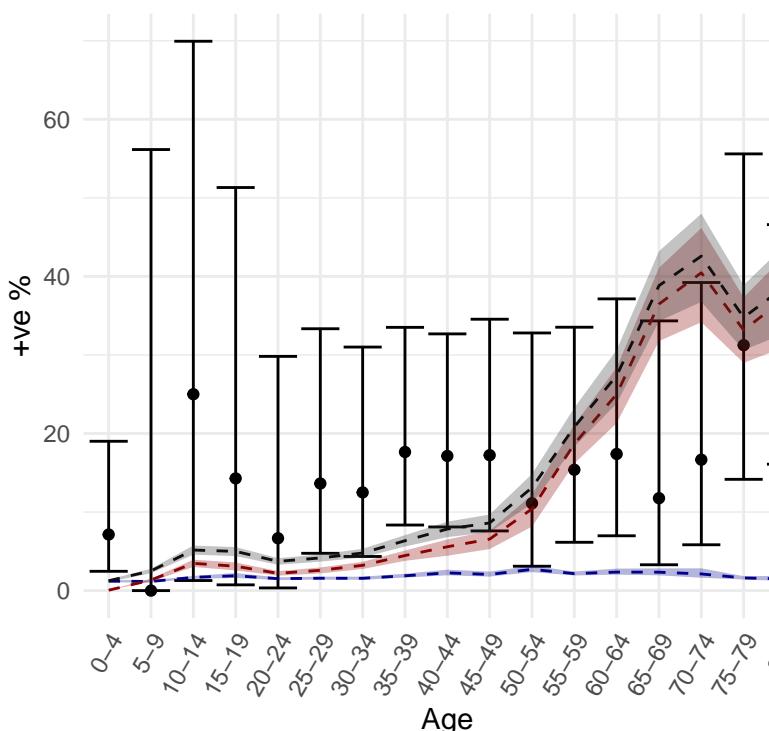
COVID-19 excess mortality: Comparison of MCMC results with squire results



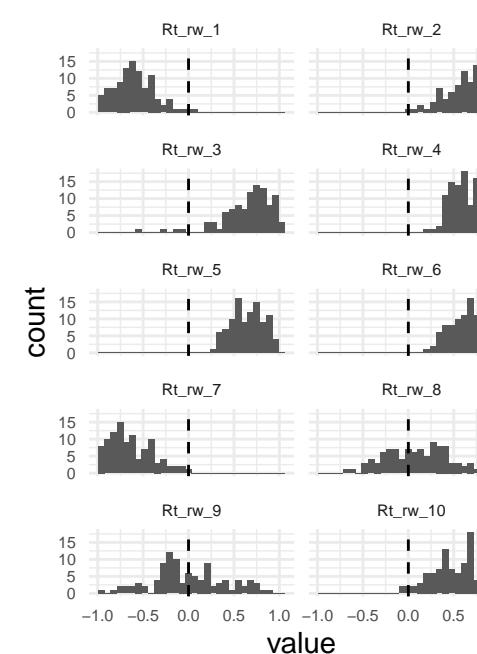
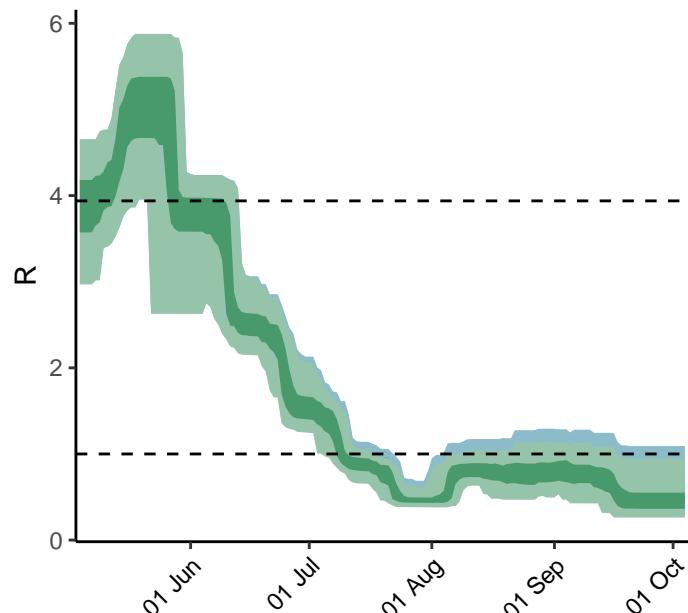
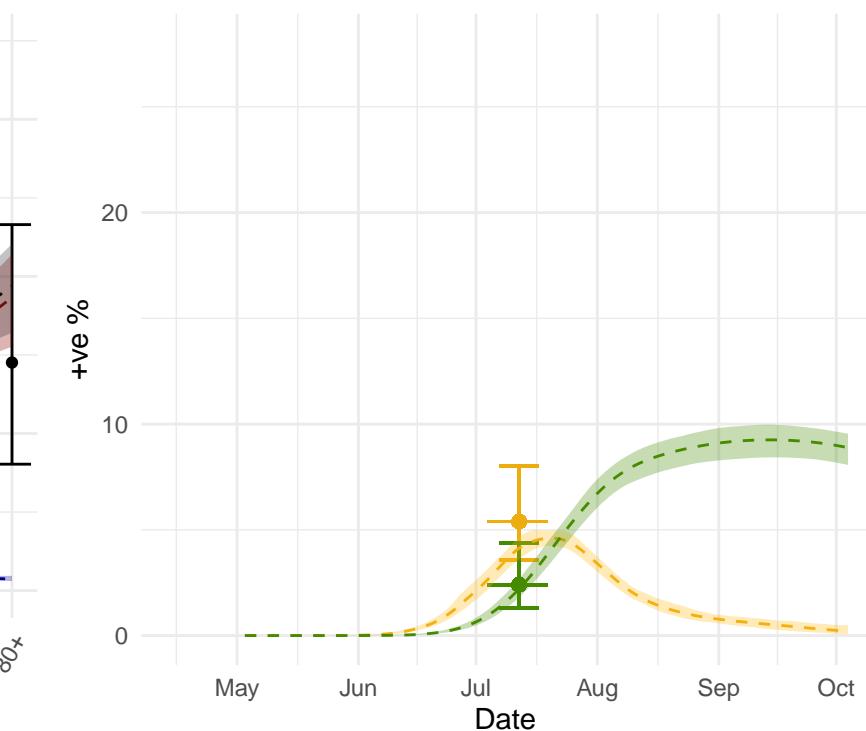
IFR x 1.67, Slope x 1.25
Post-mortem weekly PCR prev.
UTH mortuary



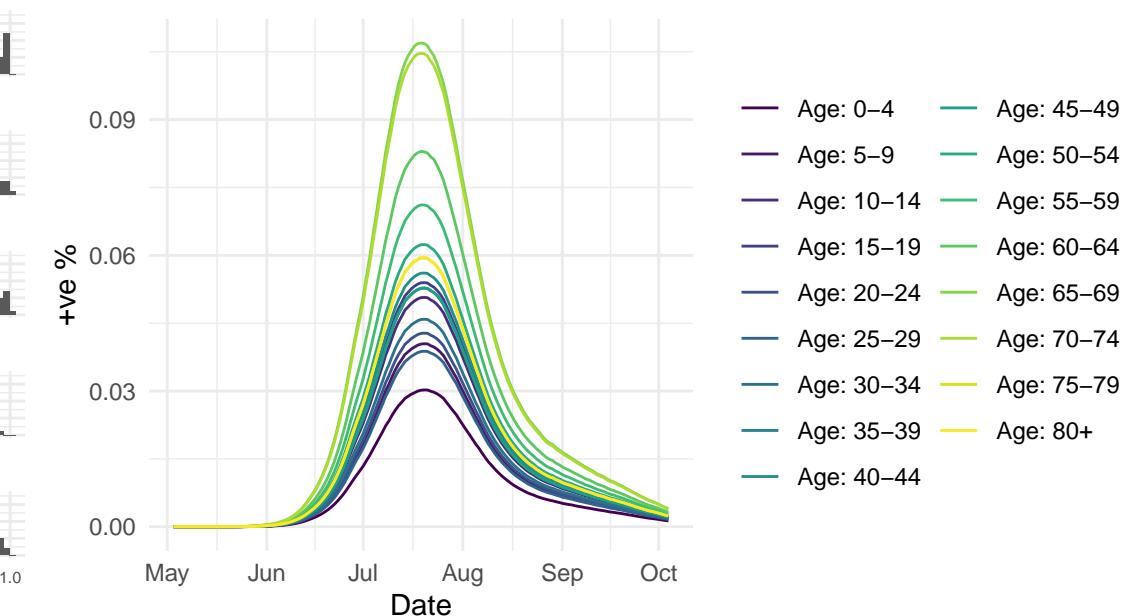
Post-mortem PCR prev. by age
UTH mortuary



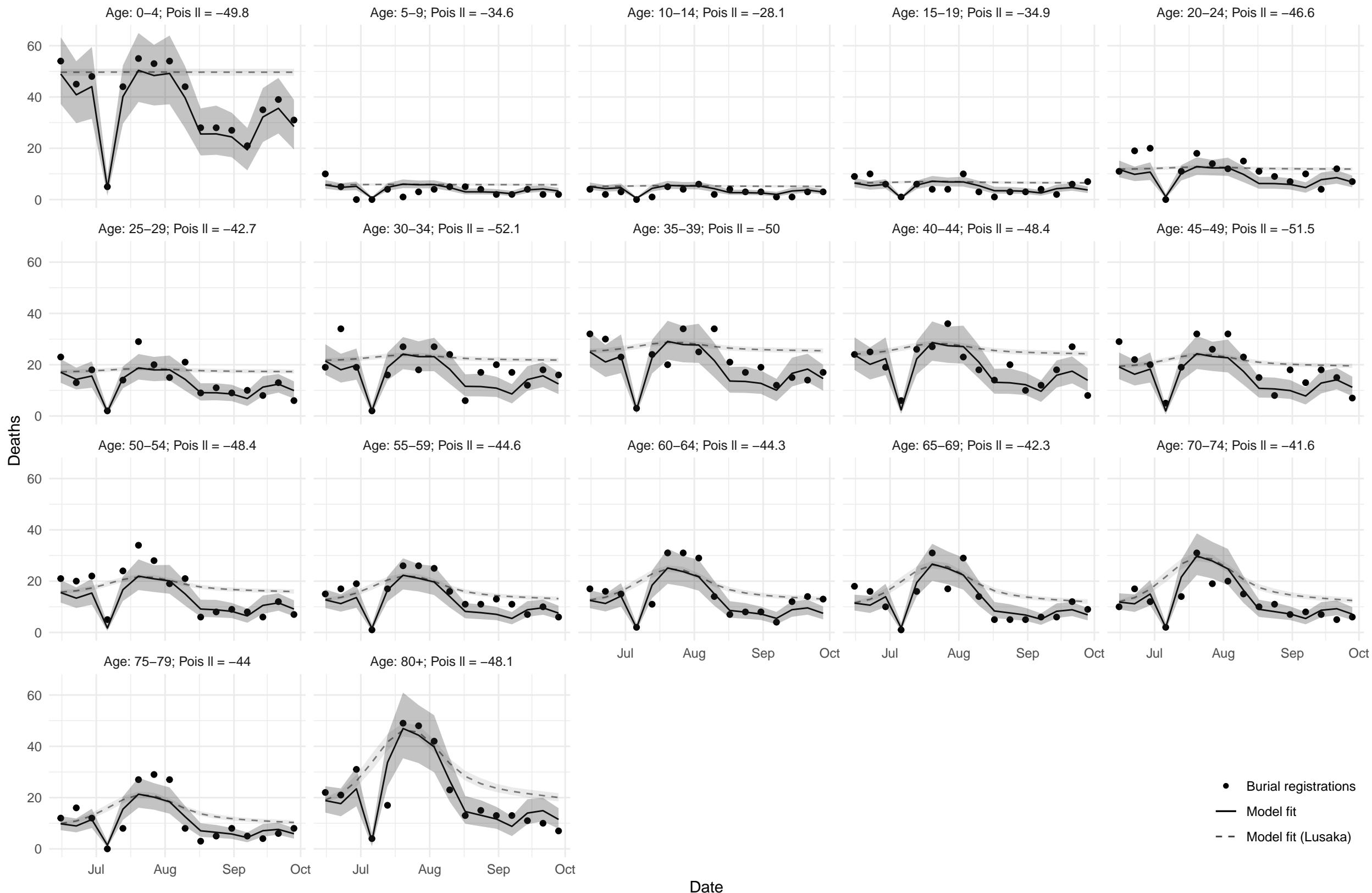
Population prevalence
Lusaka



Modelled PCR %

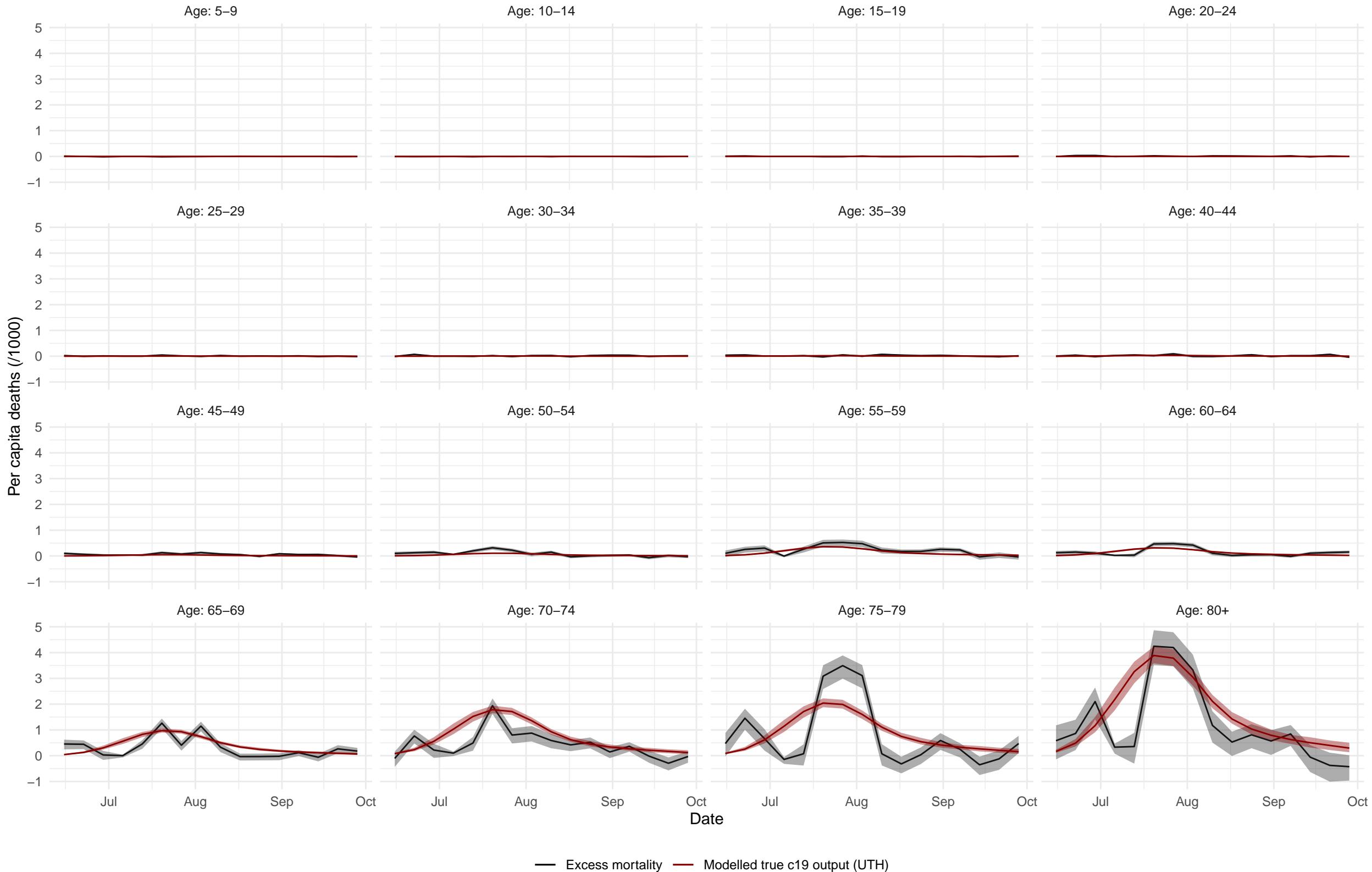


IFR x1.67, Slope x1.25
Lusaka weekly burial registrations



IFR x 1.67, Slope x 1.25

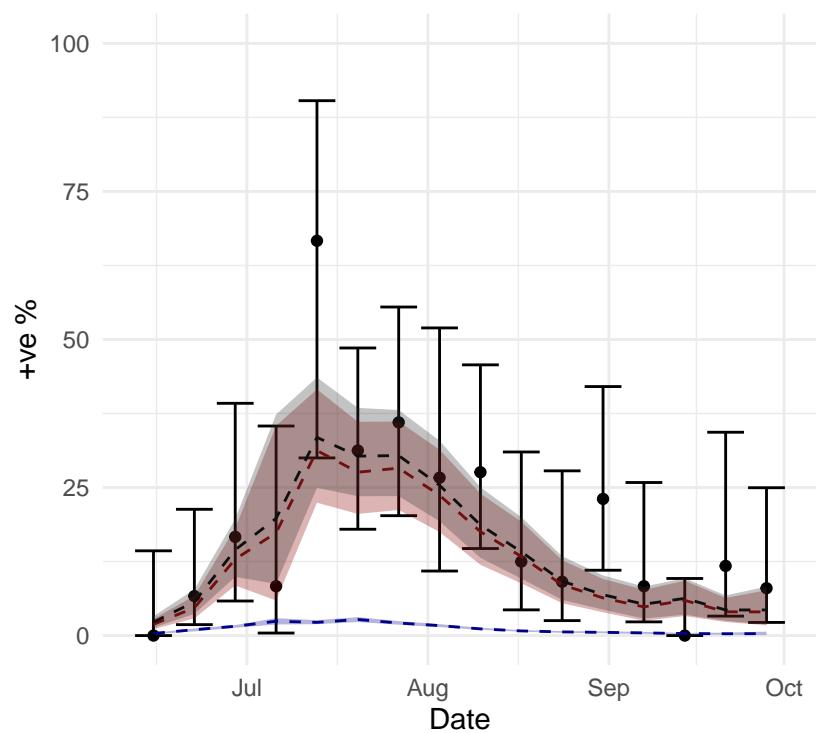
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 2.5, Slope x 1.25

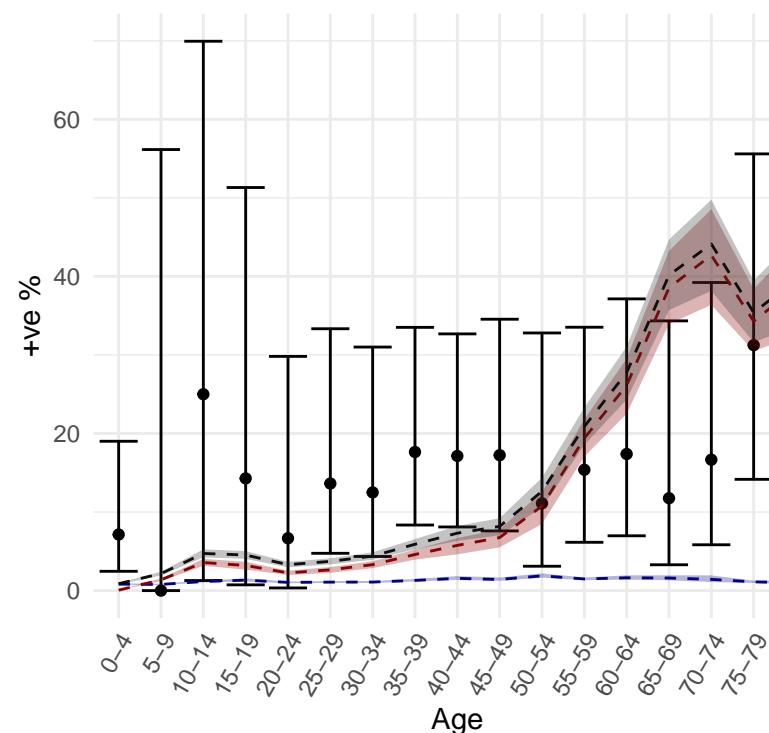
Post-mortem weekly PCR prev.

UTH mortuary



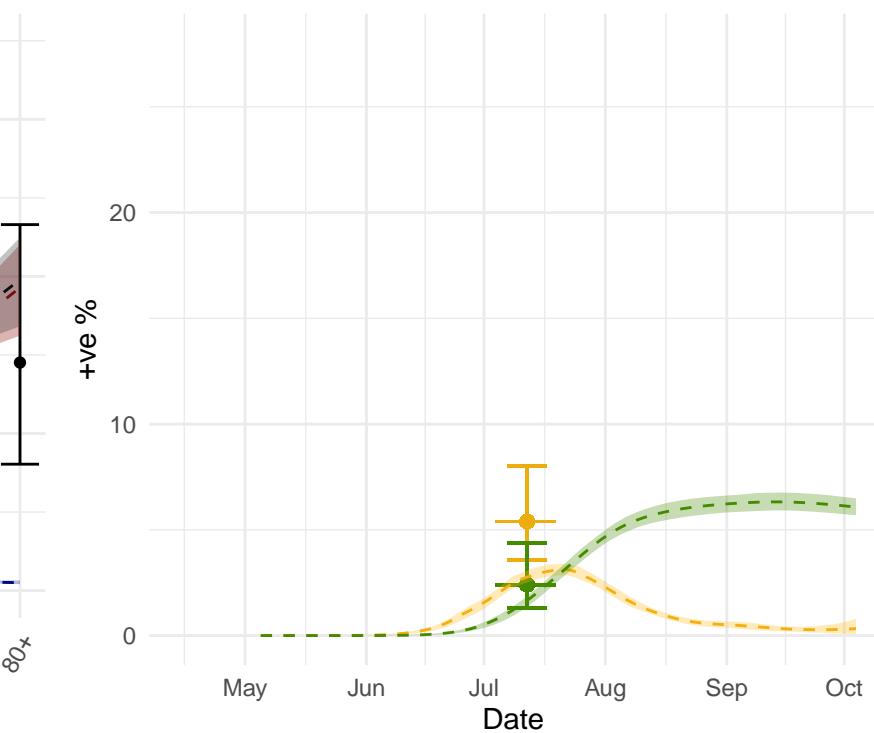
Post-mortem PCR prev. by age

UTH mortuary

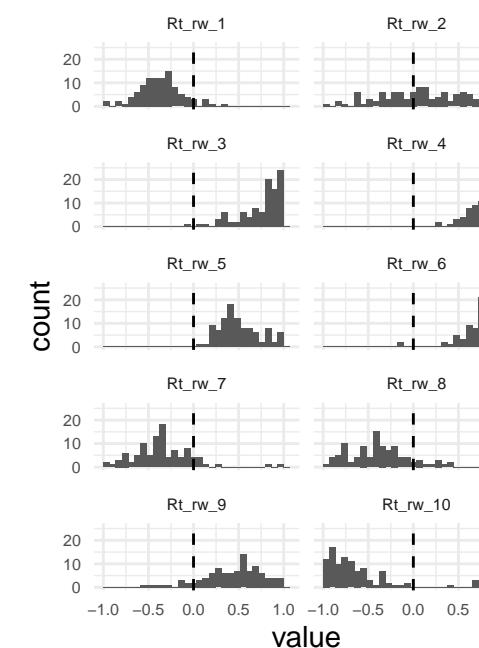
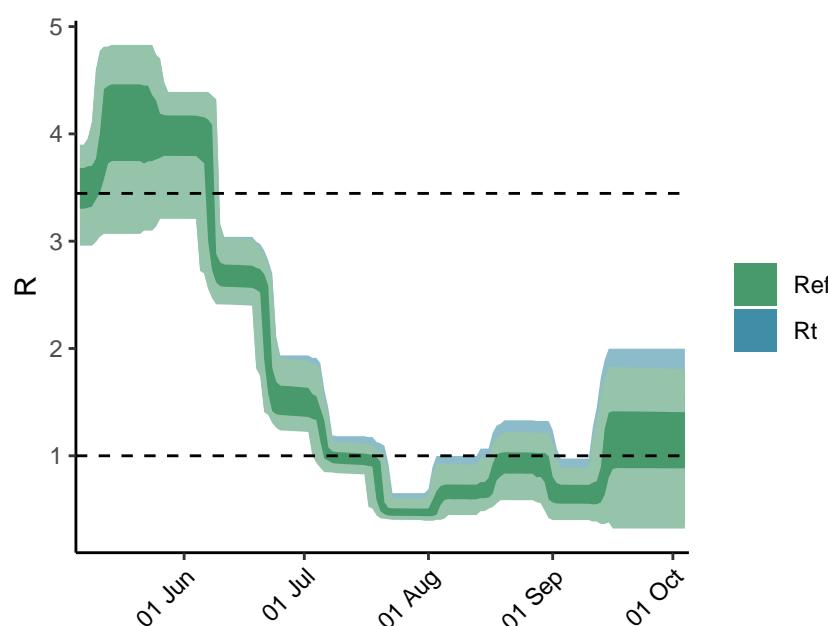


Population prevalence

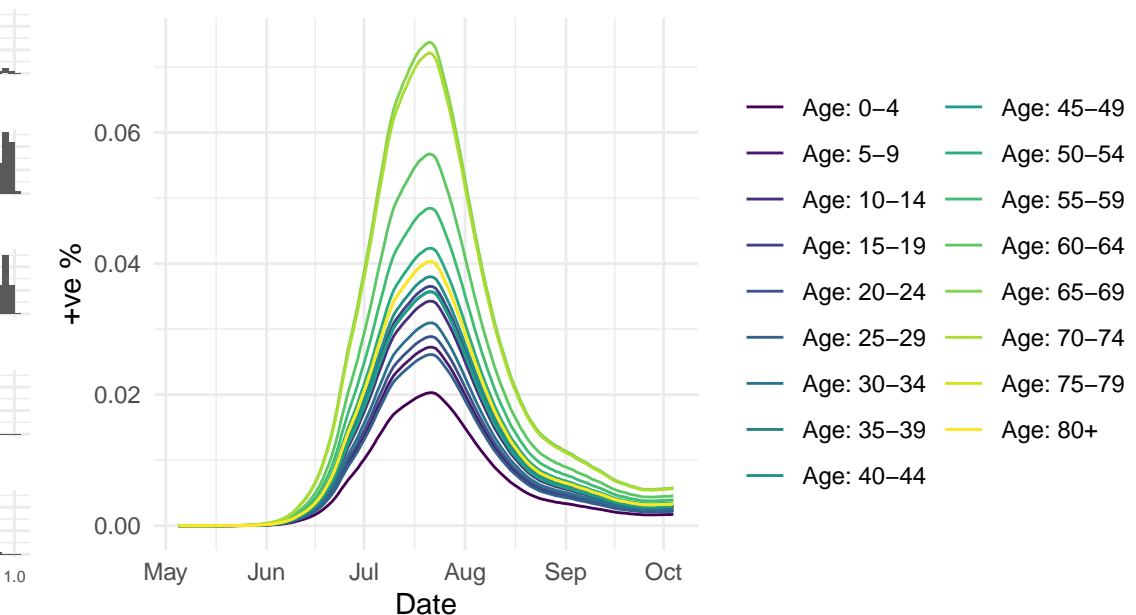
Lusaka



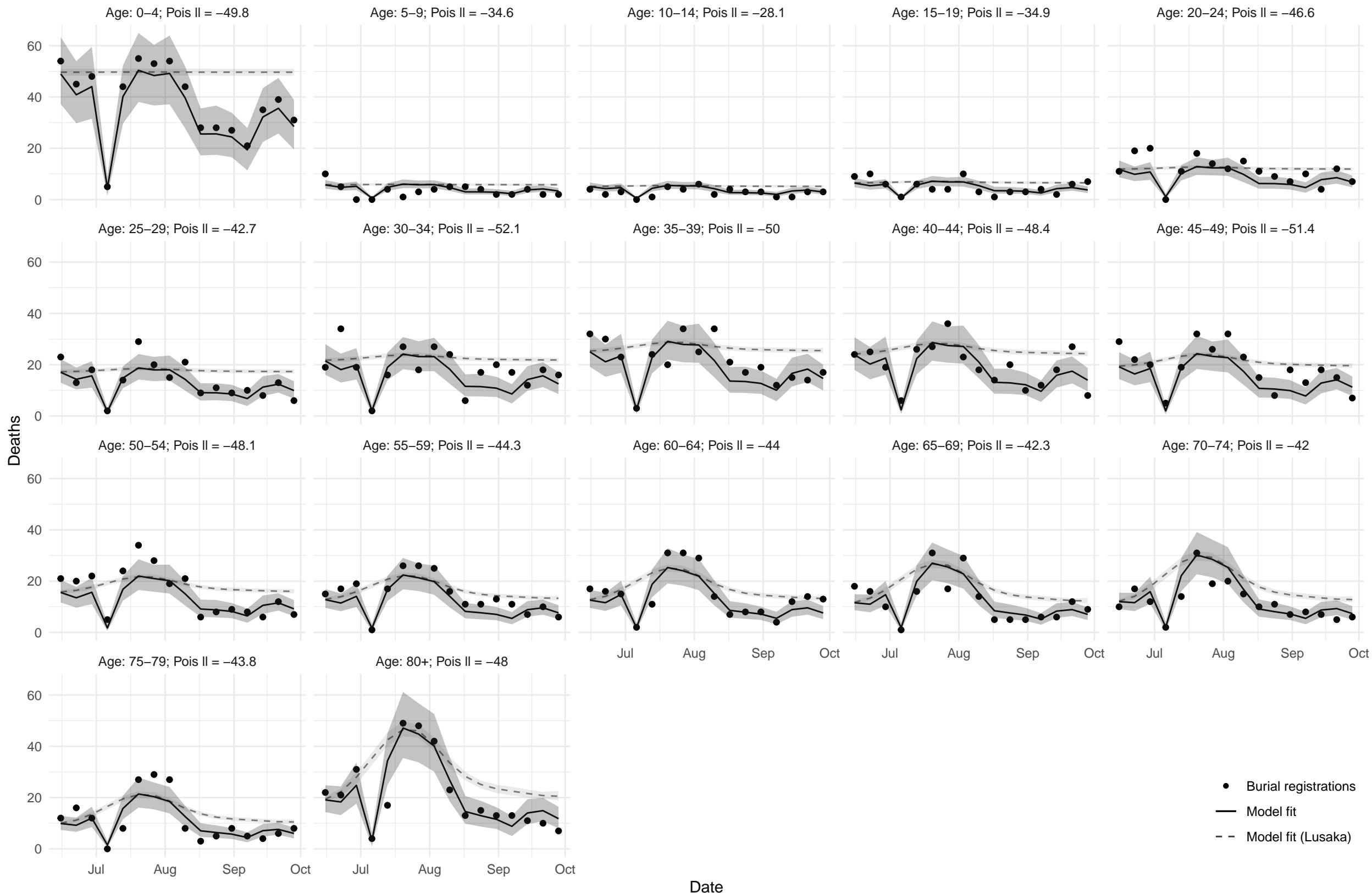
- - Total +ve deaths
- - Causal deaths
- - - Coincidental deaths



Modelled PCR %

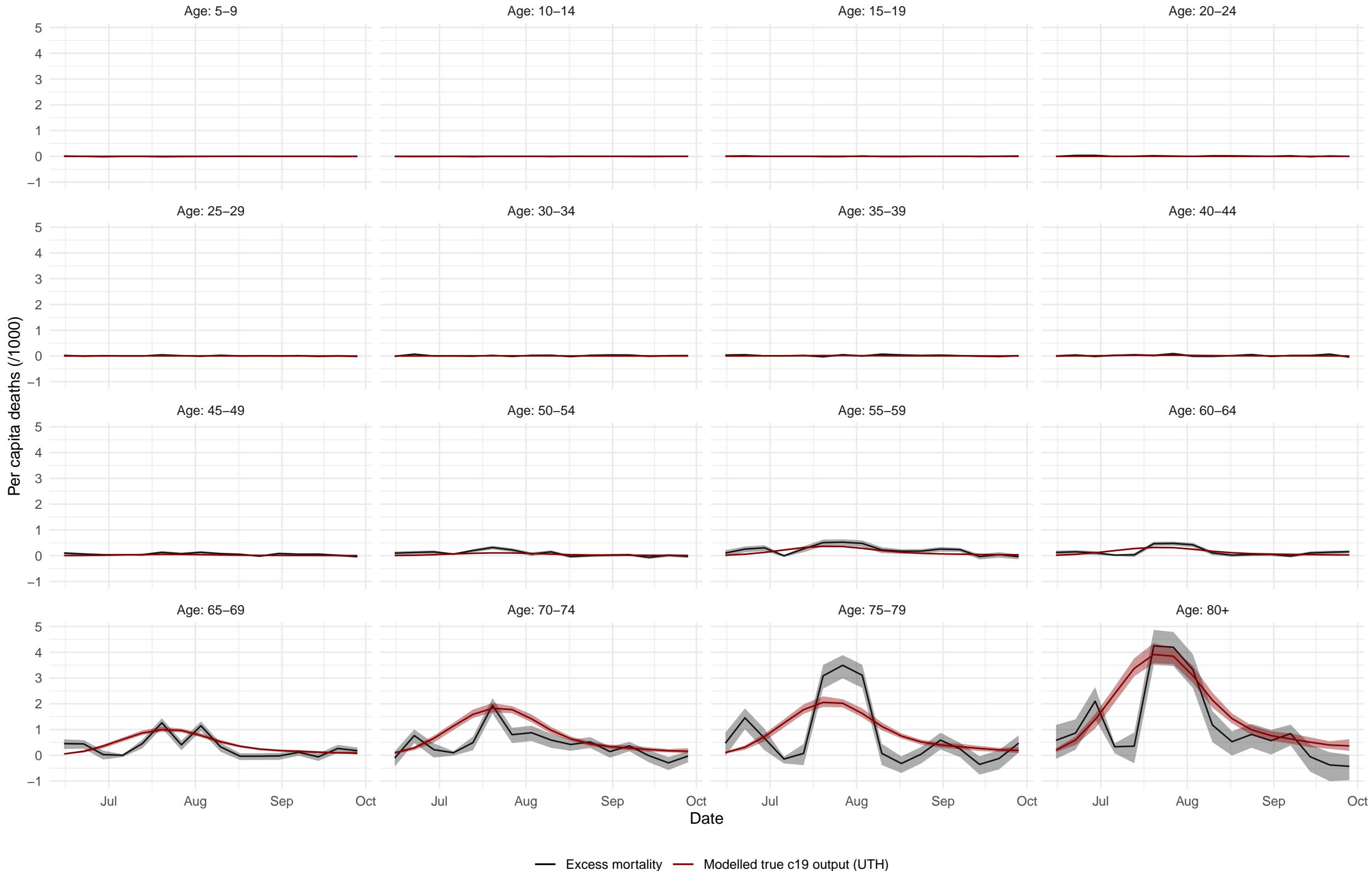


IFR x2.5, Slope x1.25
Lusaka weekly burial registrations



IFR x 2.5, Slope x 1.25

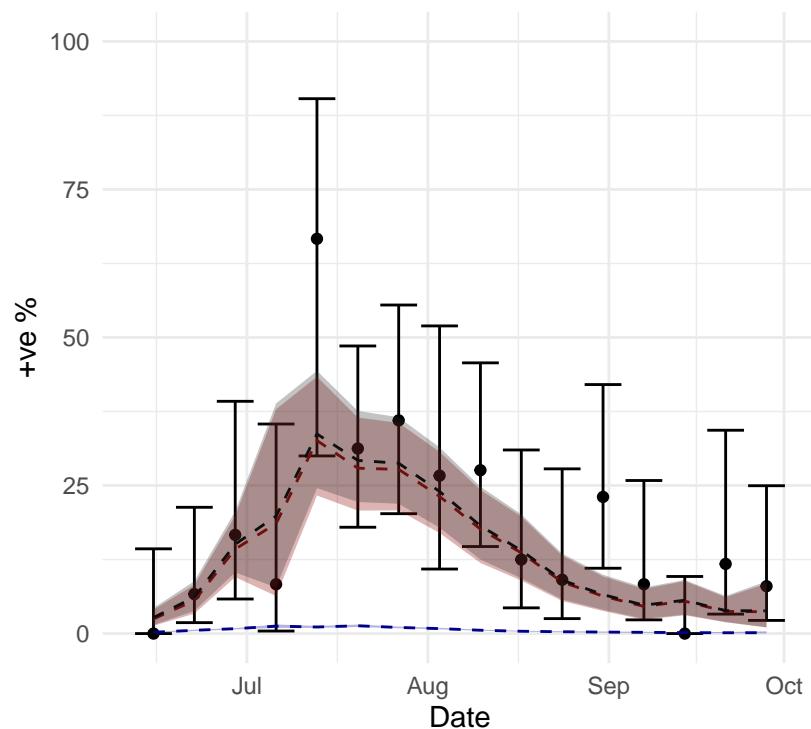
COVID-19 excess mortality: Comparison of MCMC results with squire results



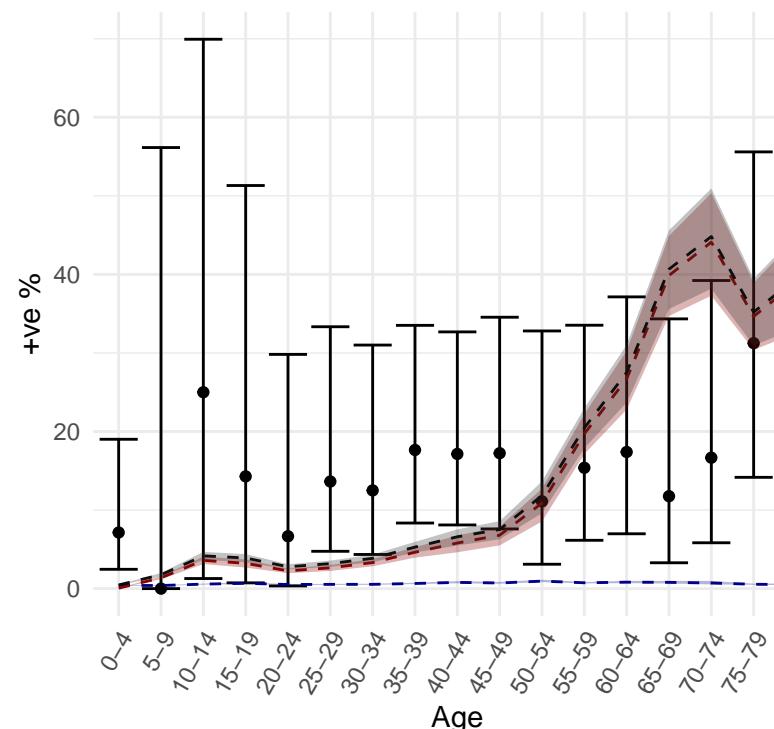
IFR x 5, Slope x 1.25

Post-mortem weekly PCR prev.

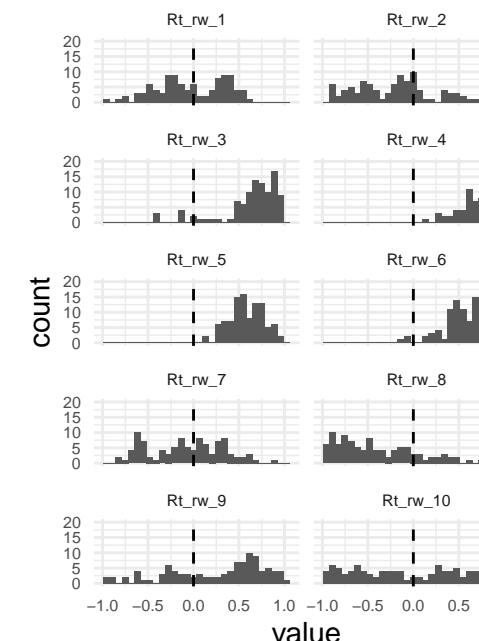
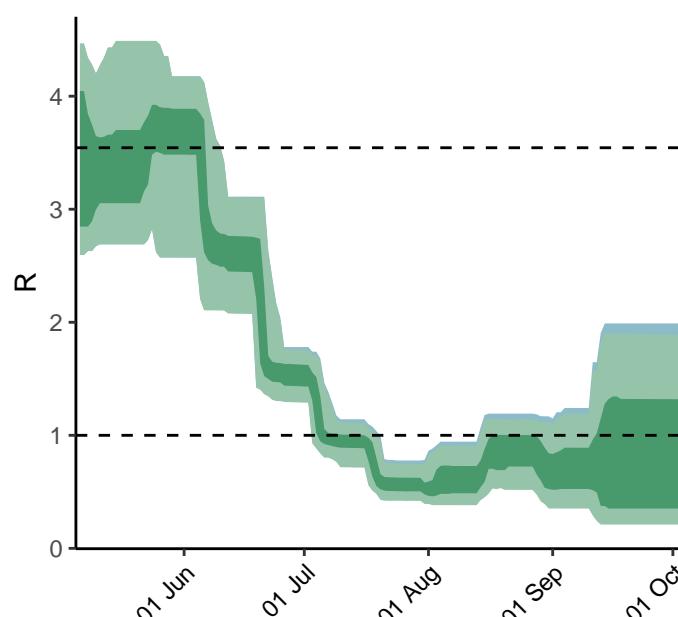
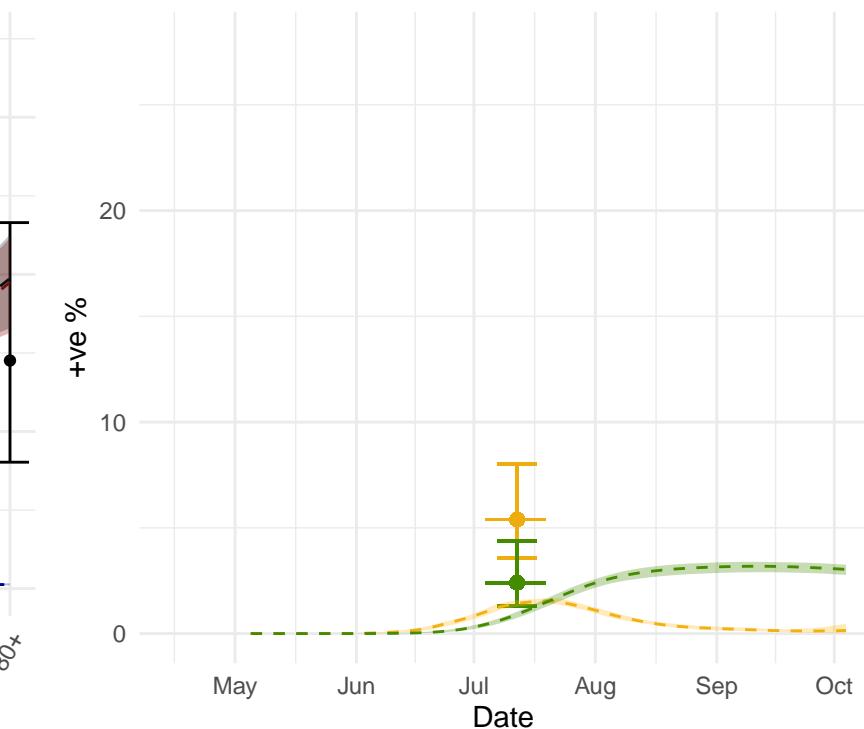
UTH mortuary



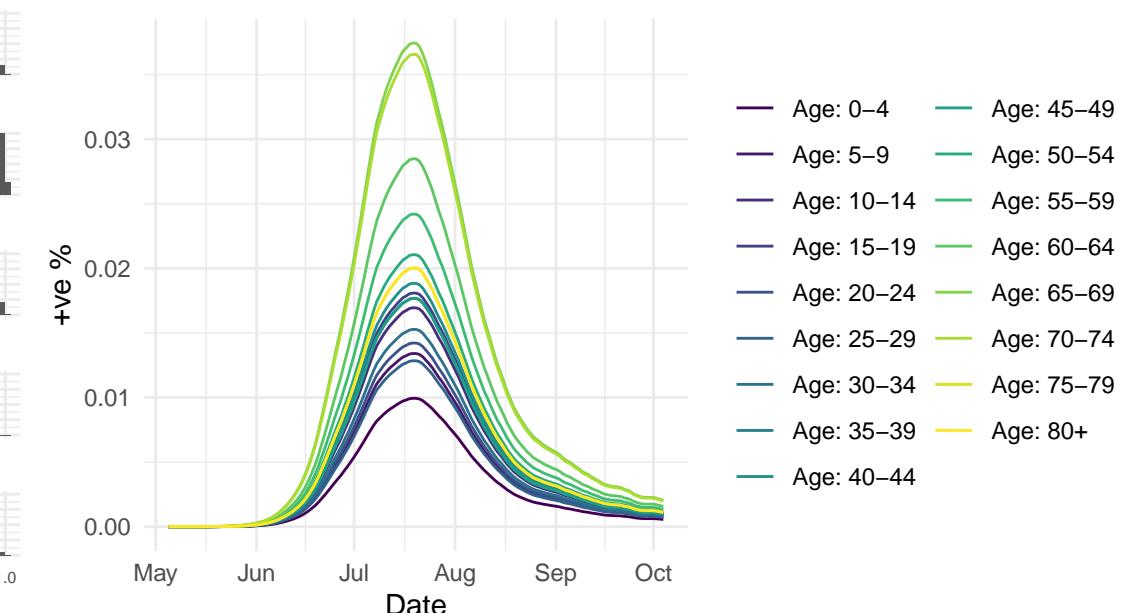
Post-mortem PCR prev. by age
UTH mortuary



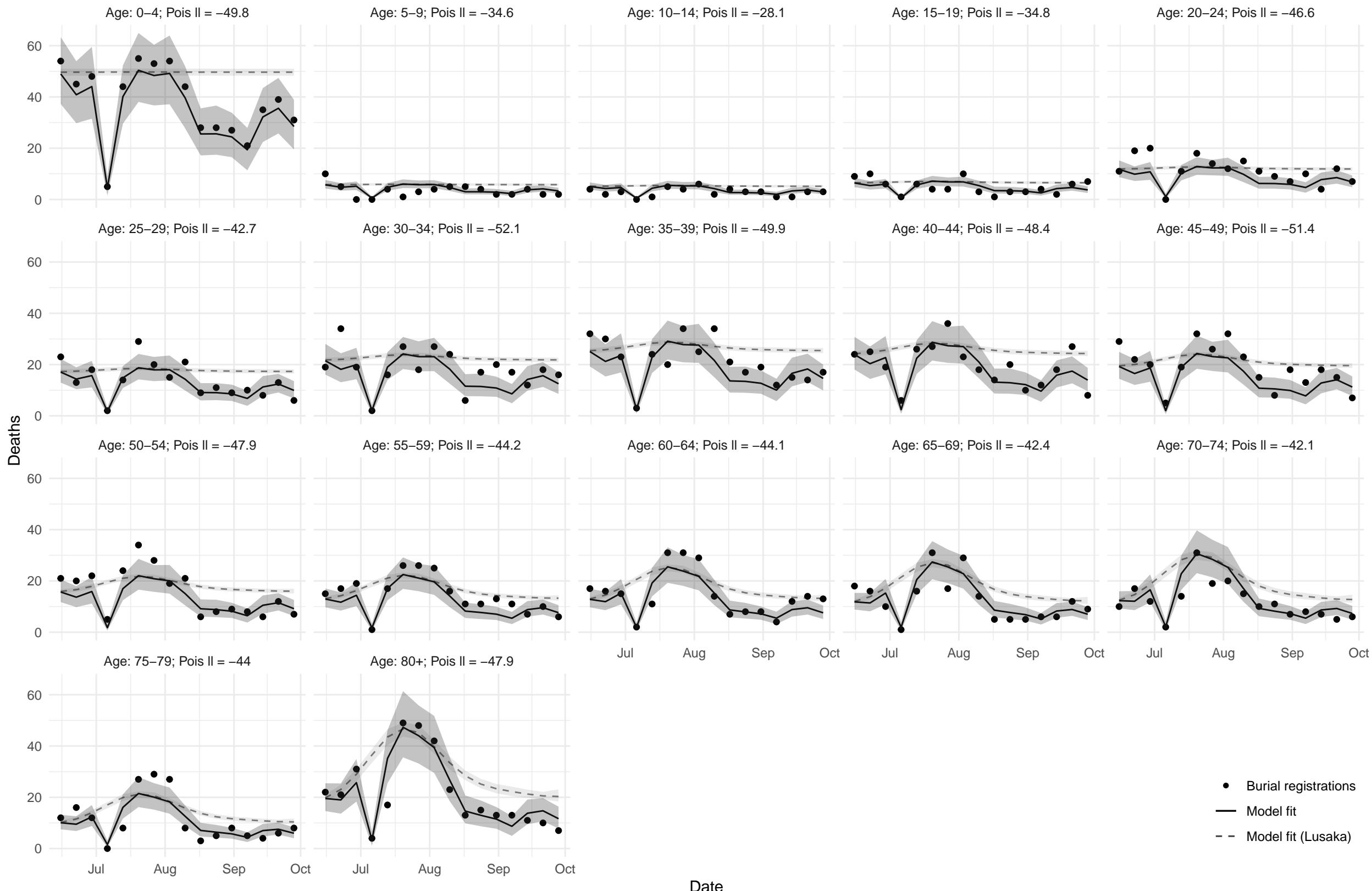
Population prevalence
Lusaka



Modelled PCR %

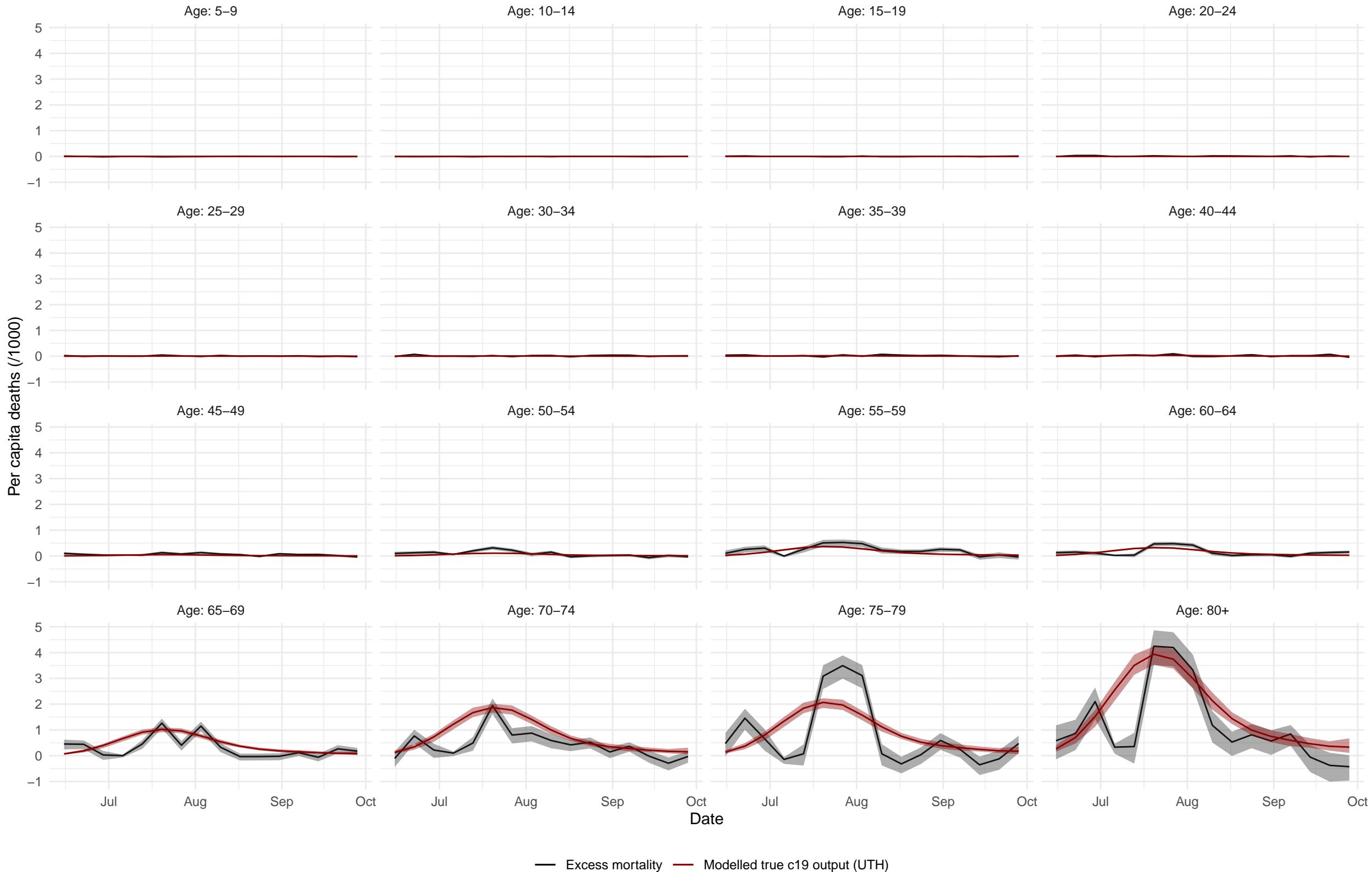


IFR x5, Slope x1.25
Lusaka weekly burial registrations



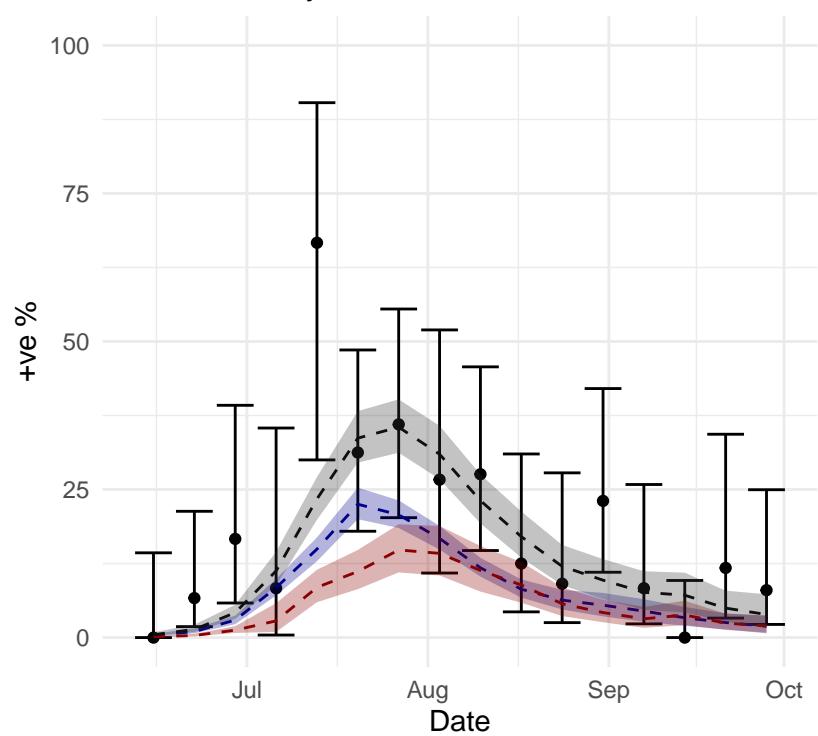
IFR x 5, Slope x 1.25

COVID-19 excess mortality: Comparison of MCMC results with squire results

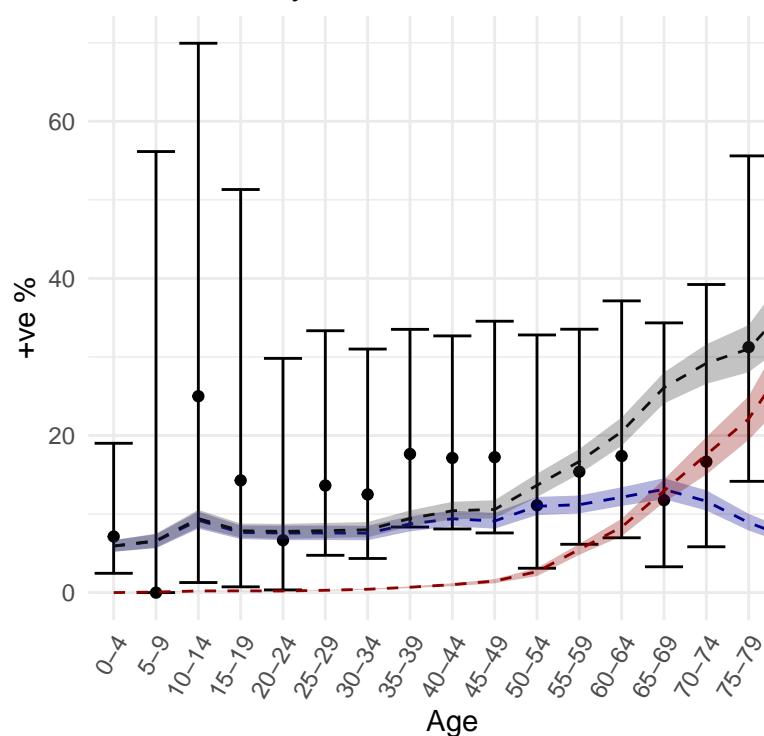


IFR x 0.2, Slope x 1.67

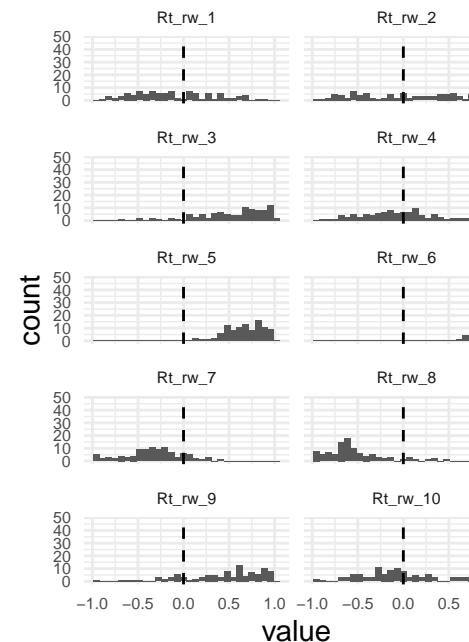
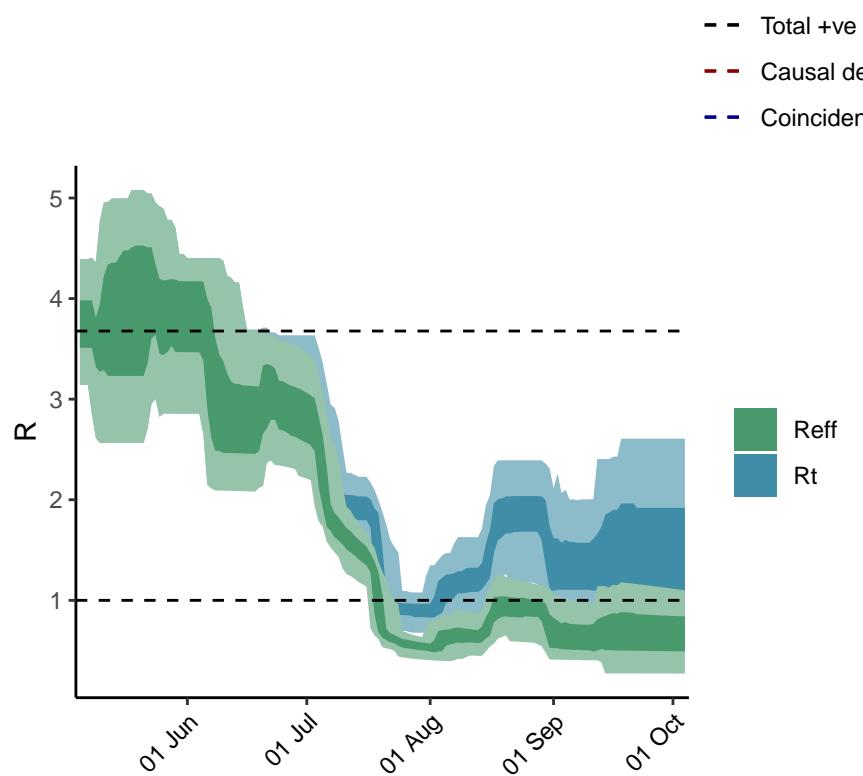
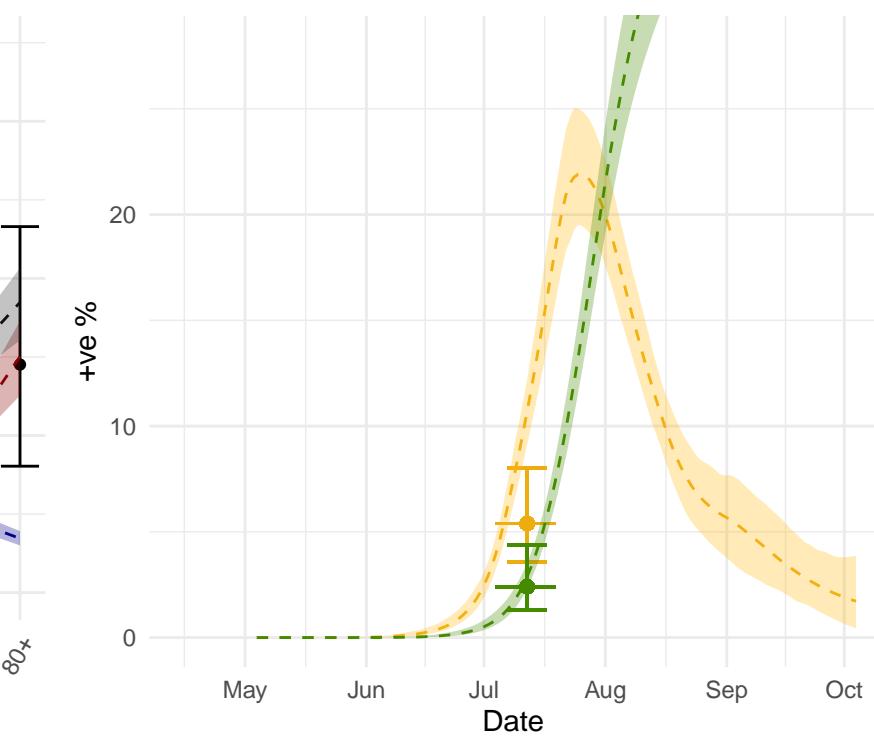
Post-mortem weekly PCR prev.
UTH mortuary



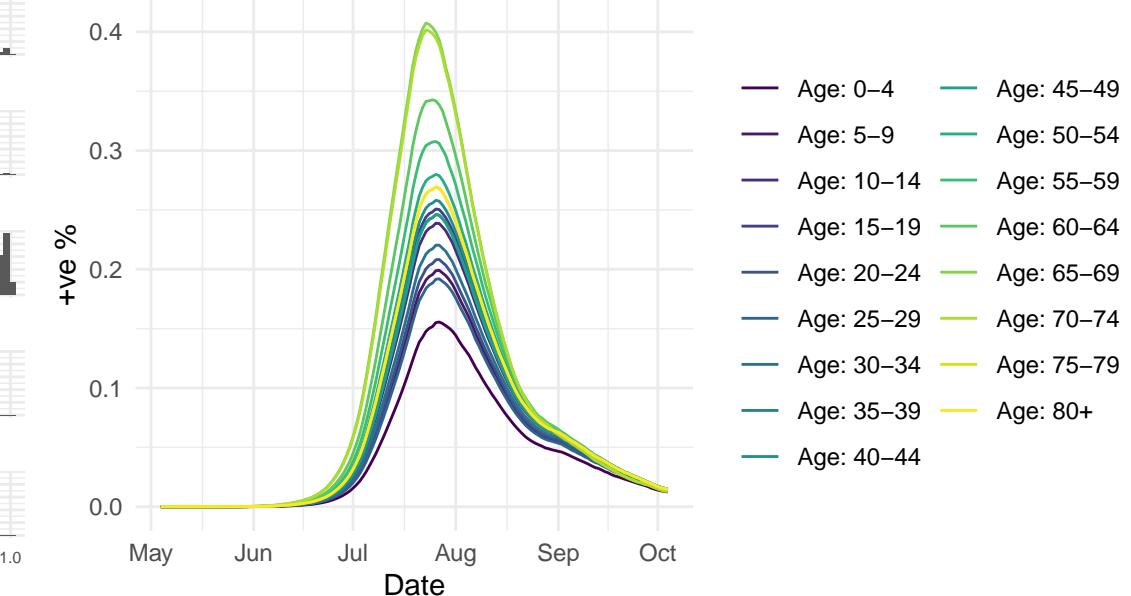
Post-mortem PCR prev. by age
UTH mortuary



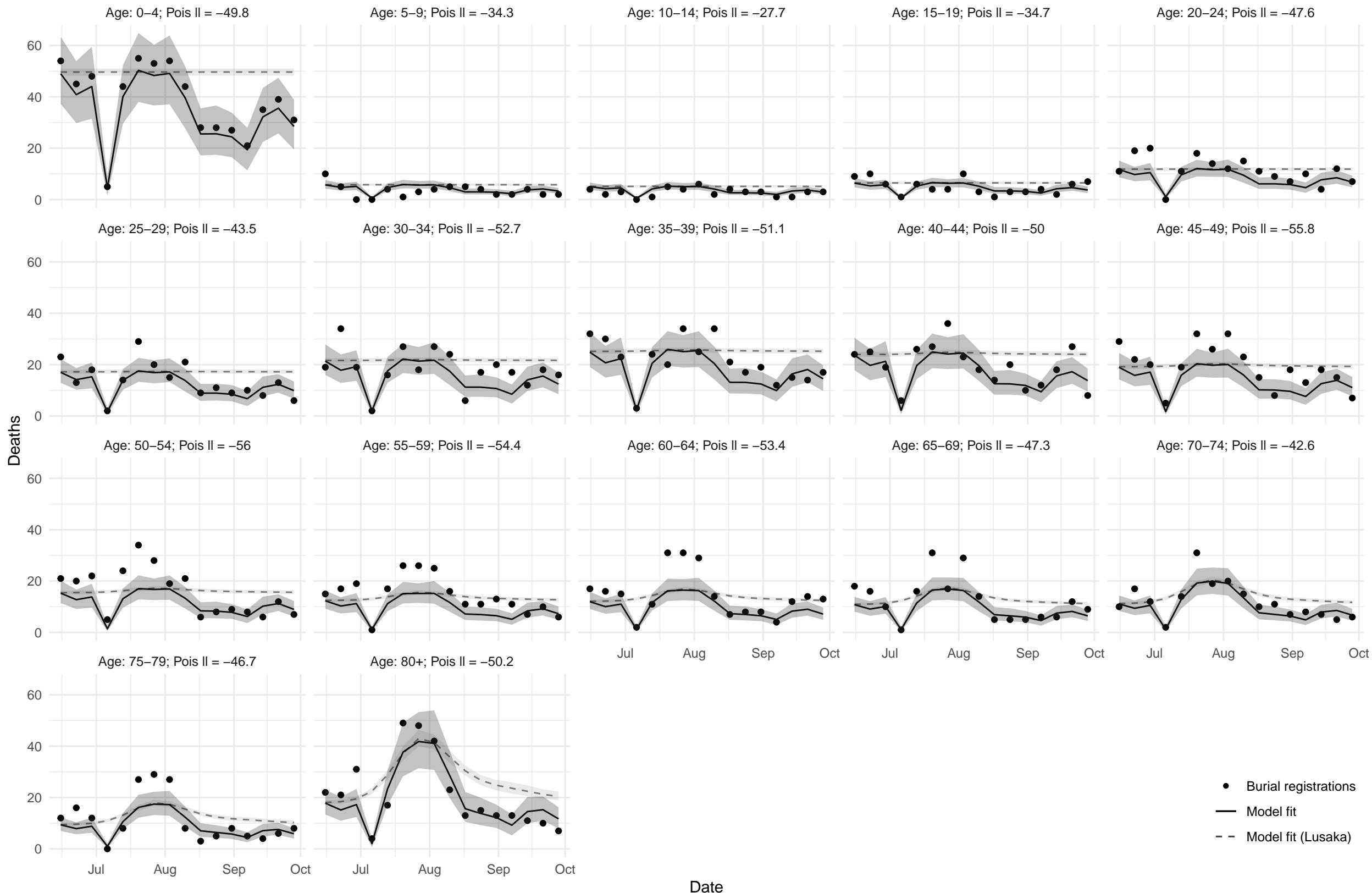
Population prevalence
Lusaka



Modelled PCR %

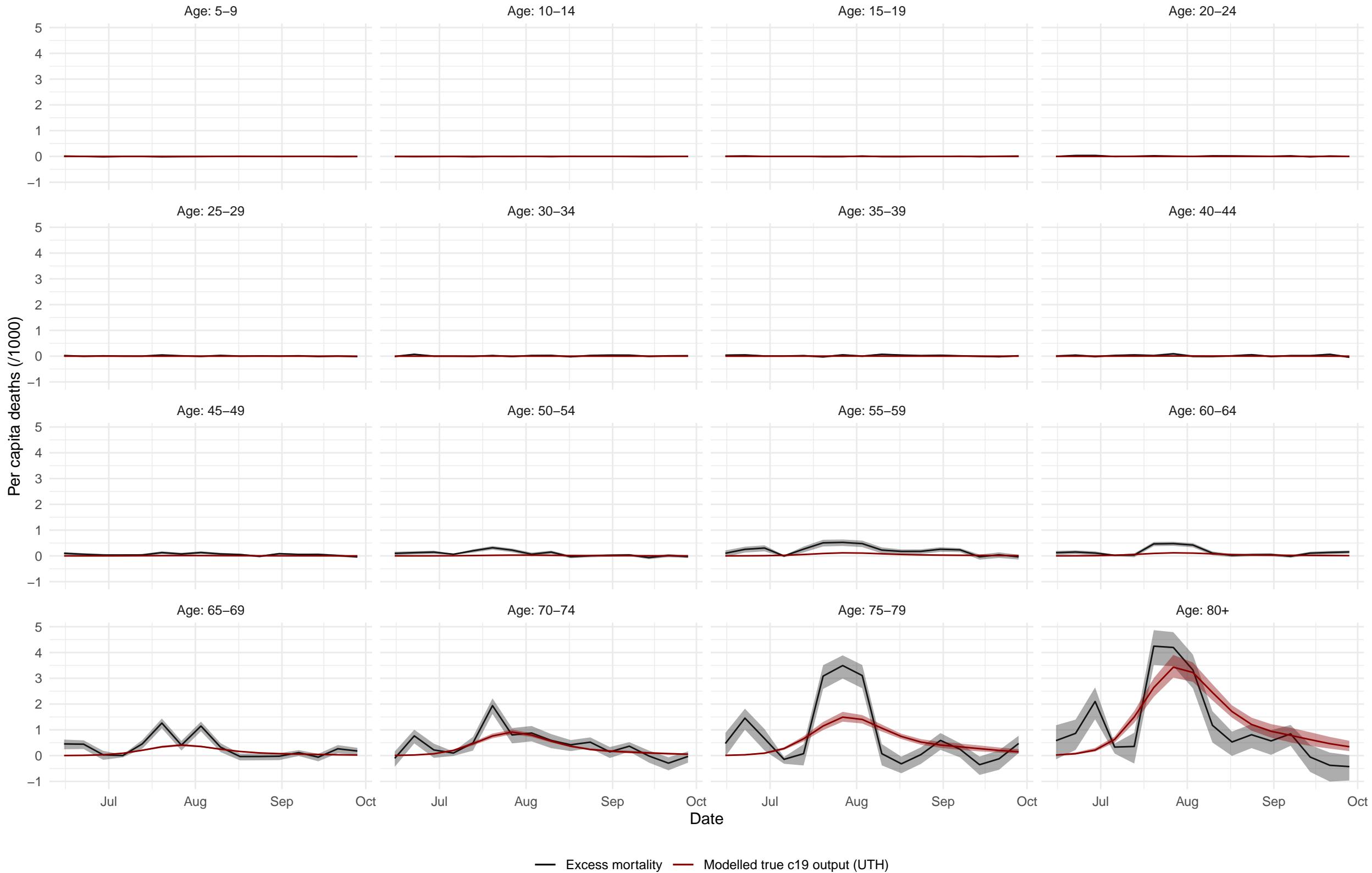


IFR x0.2, Slope x1.67
Lusaka weekly burial registrations



IFR x 0.2, Slope x 1.67

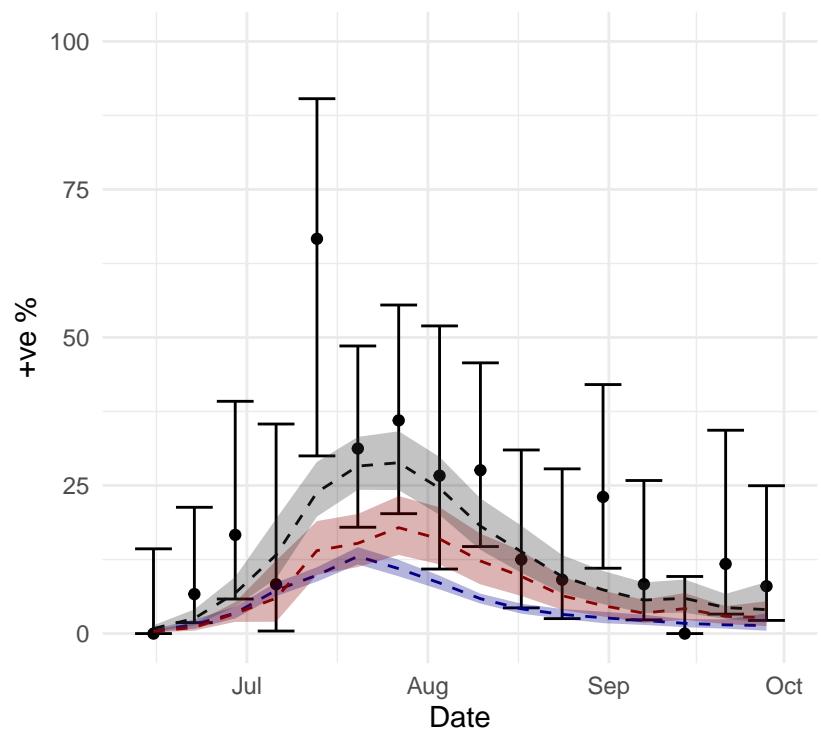
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 0.4, Slope x 1.67

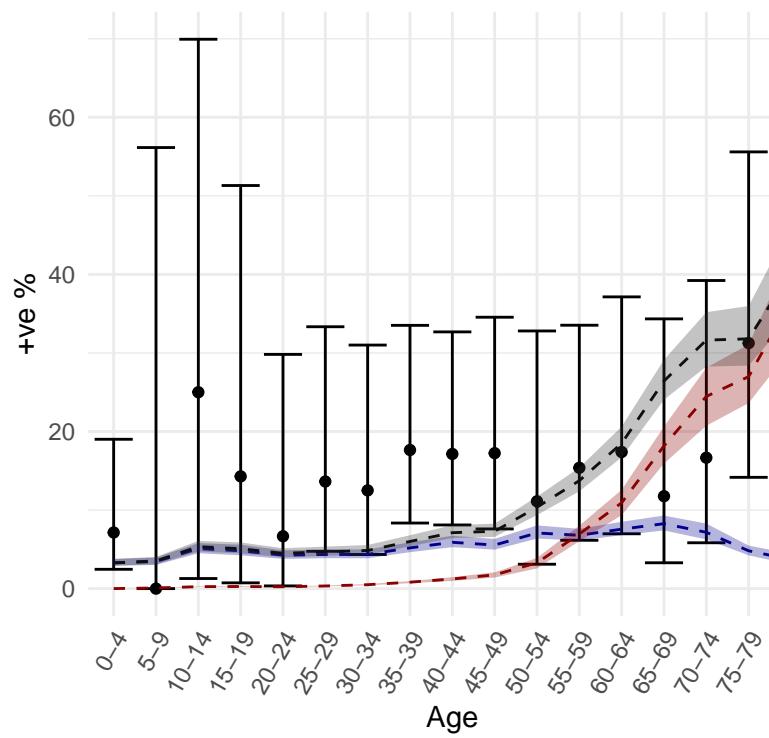
Post-mortem weekly PCR prev.

UTH mortuary



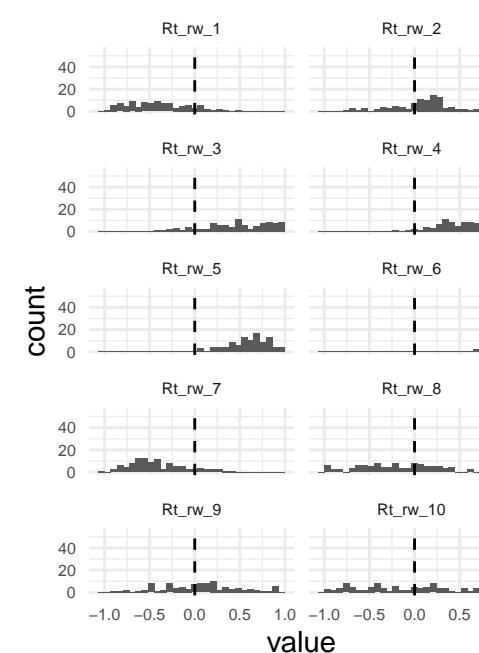
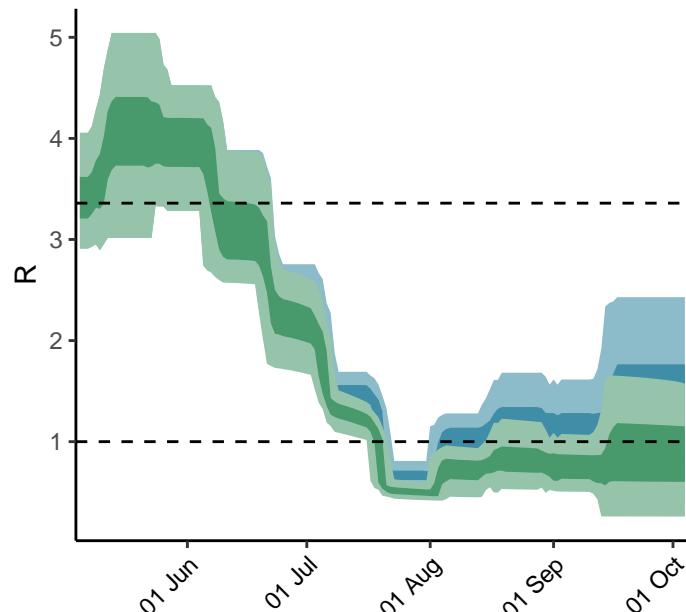
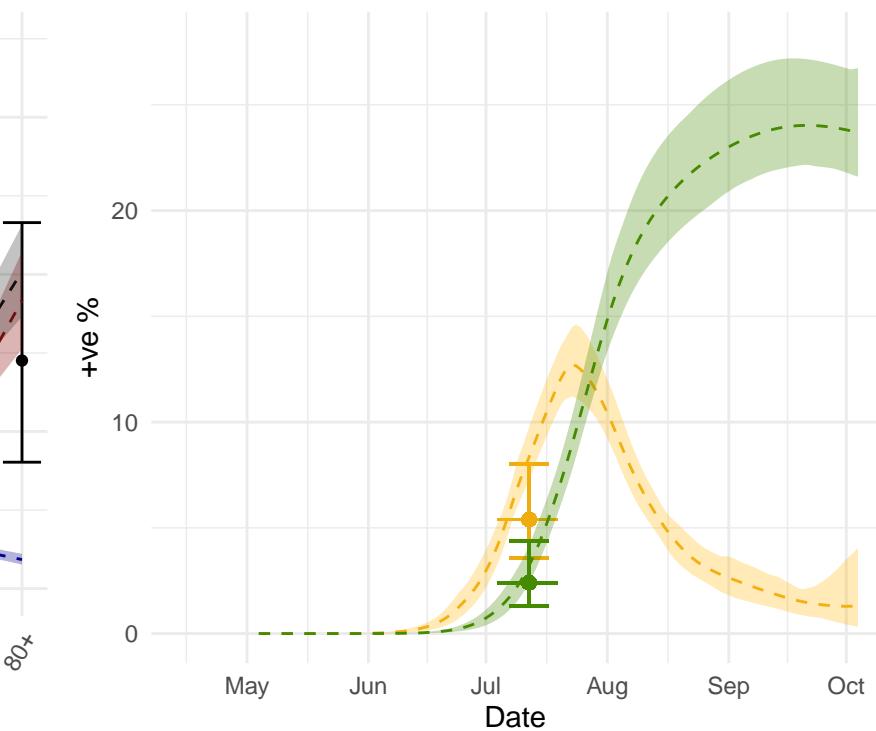
Post-mortem PCR prev. by age

UTH mortuary

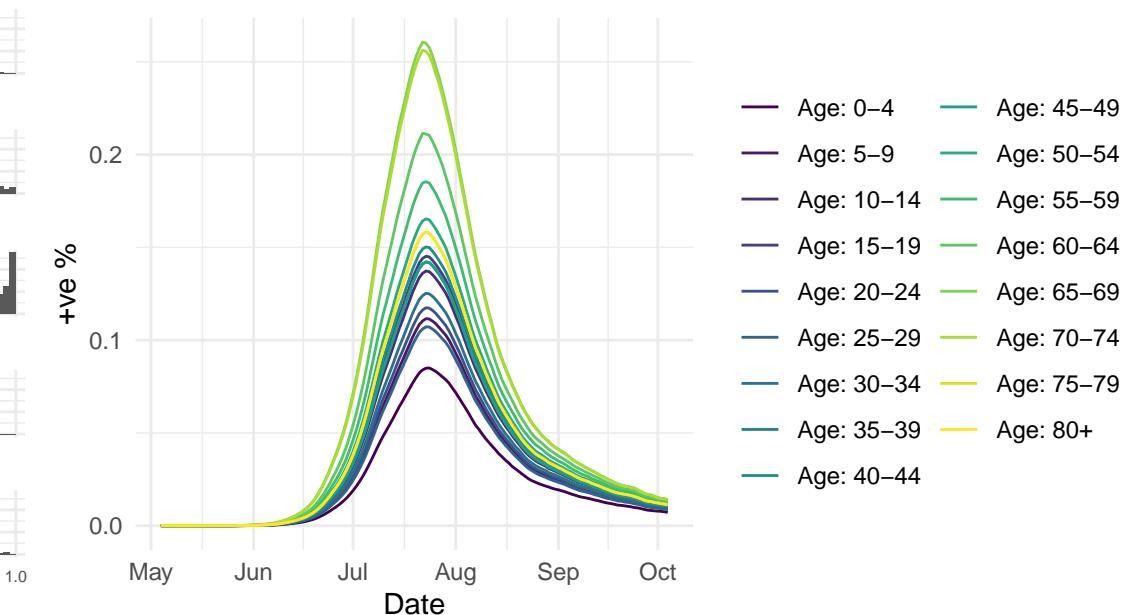


Population prevalence

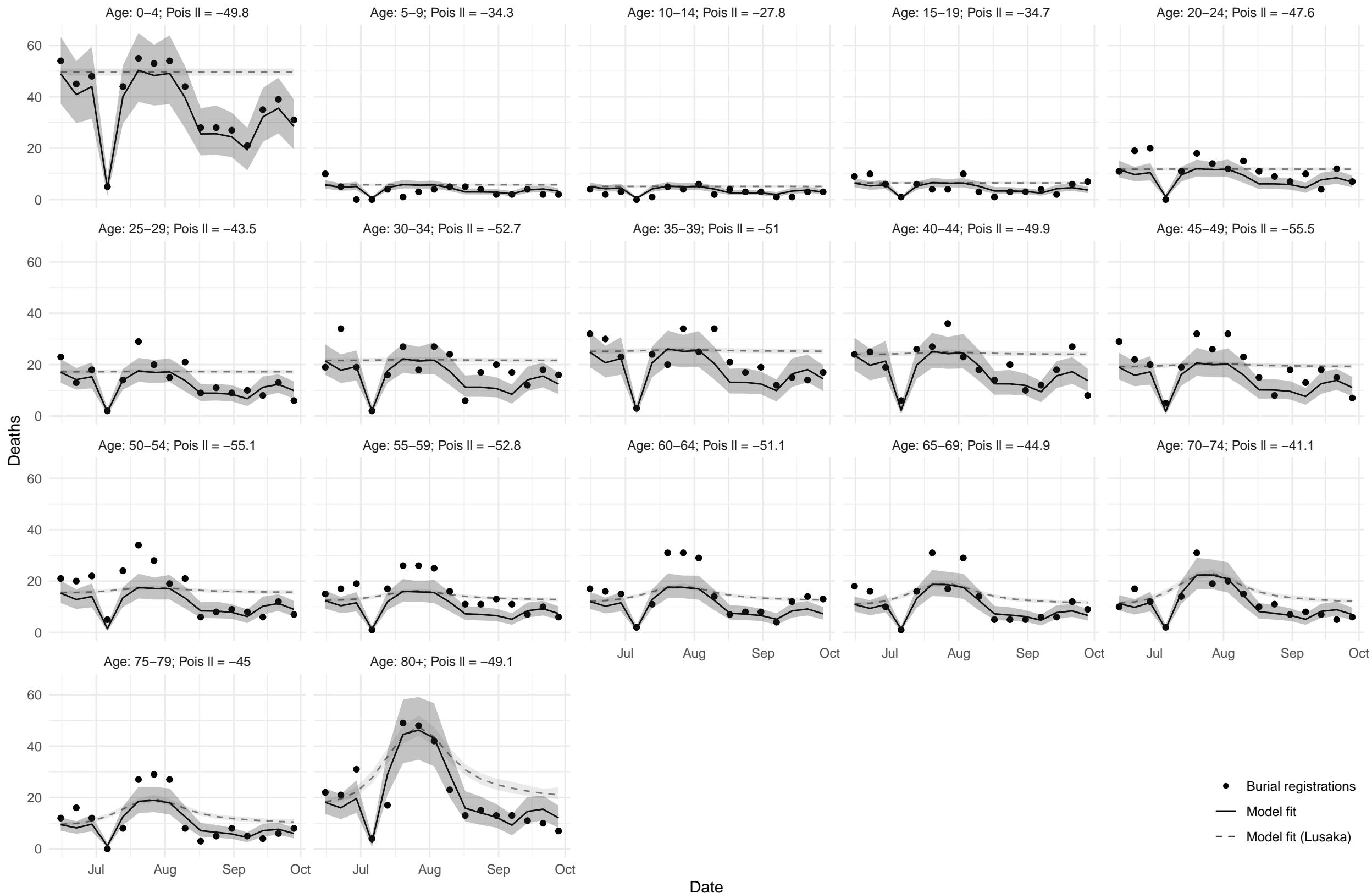
Lusaka



Modelled PCR %

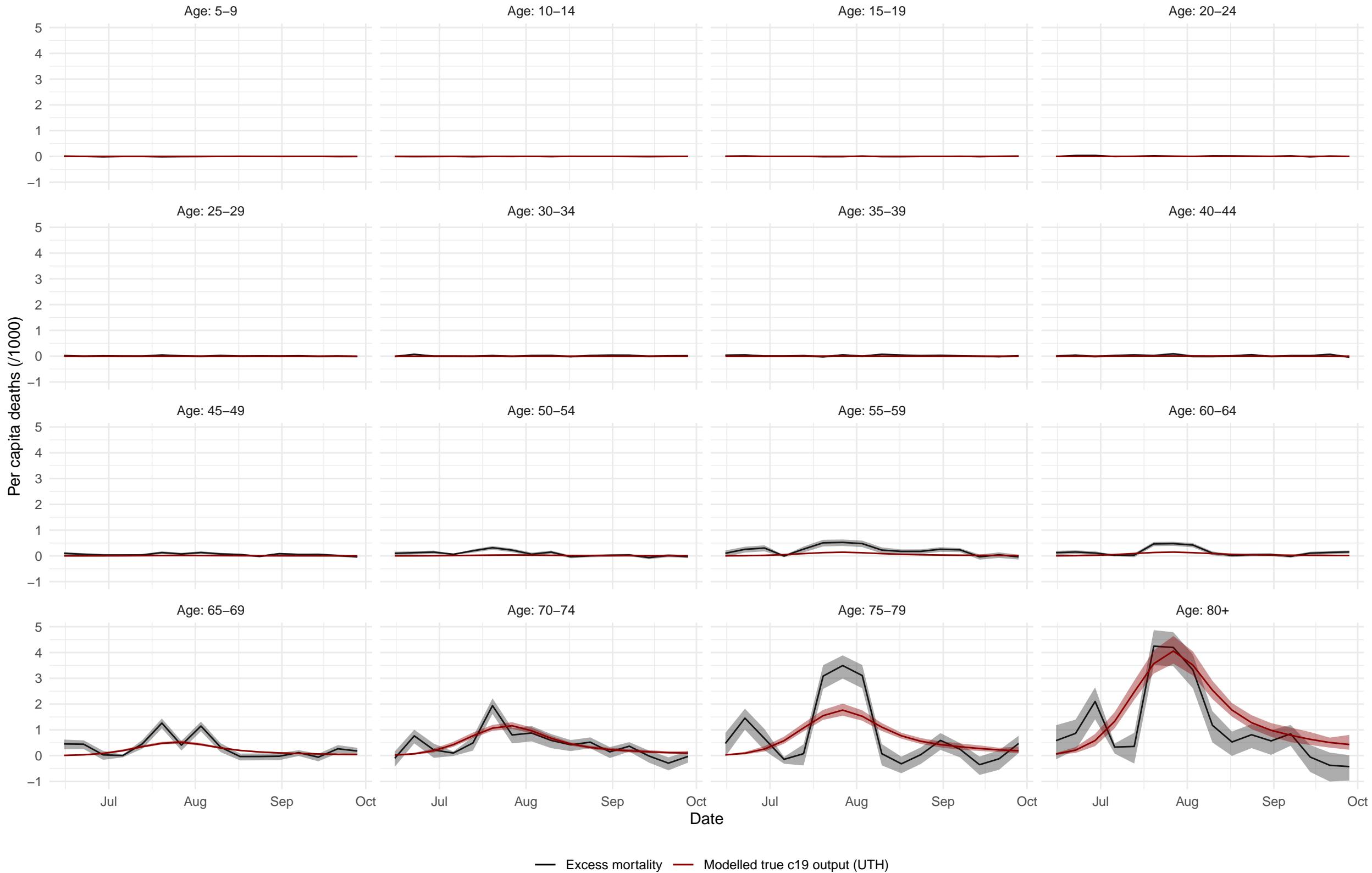


IFR x0.4, Slope x1.67
Lusaka weekly burial registrations



IFR x 0.4, Slope x 1.67

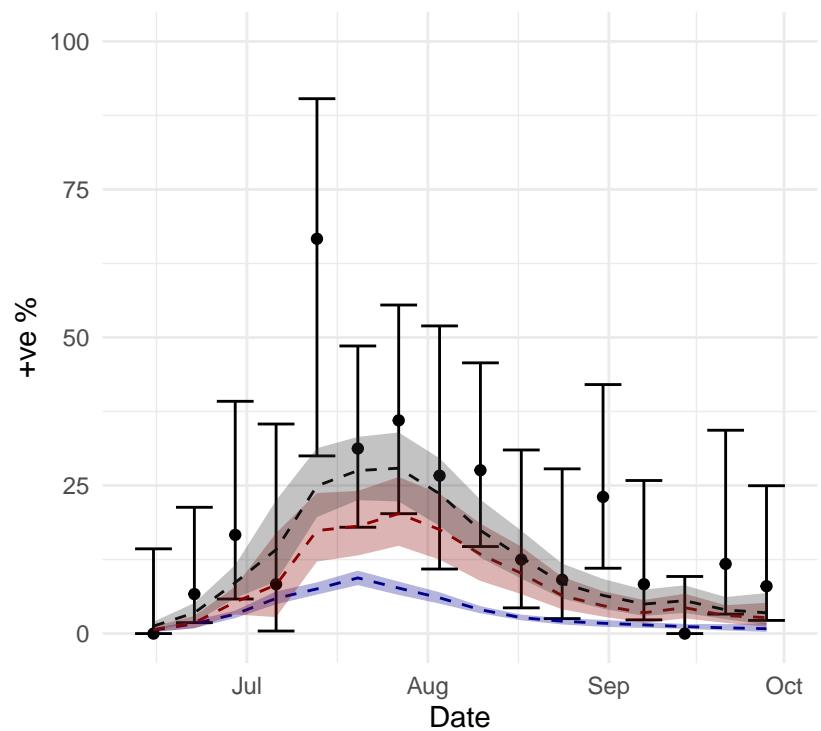
COVID-19 excess mortality: Comparison of MCMC results with squire results



IFR x 0.6, Slope x 1.67

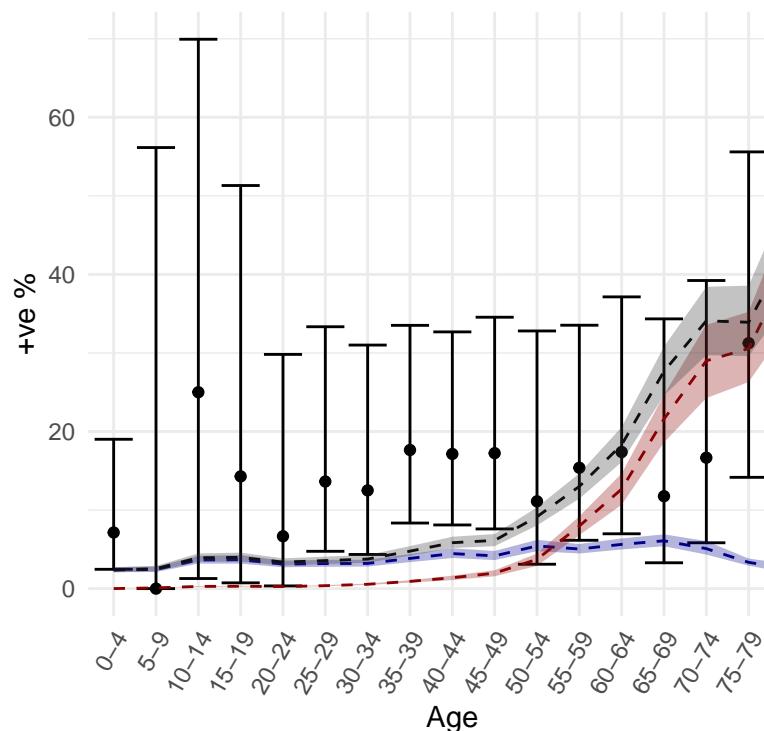
Post-mortem weekly PCR prev.

UTH mortuary



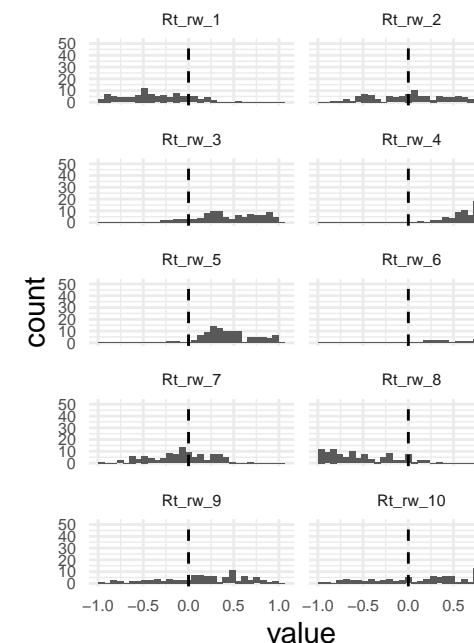
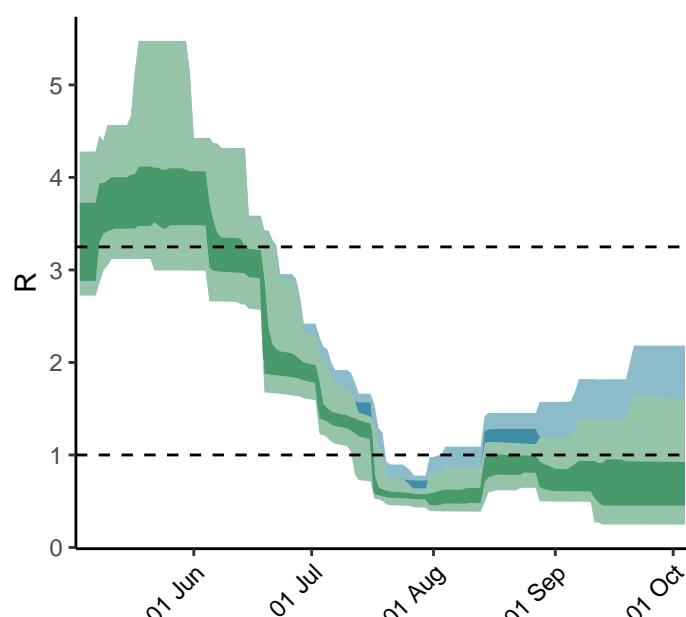
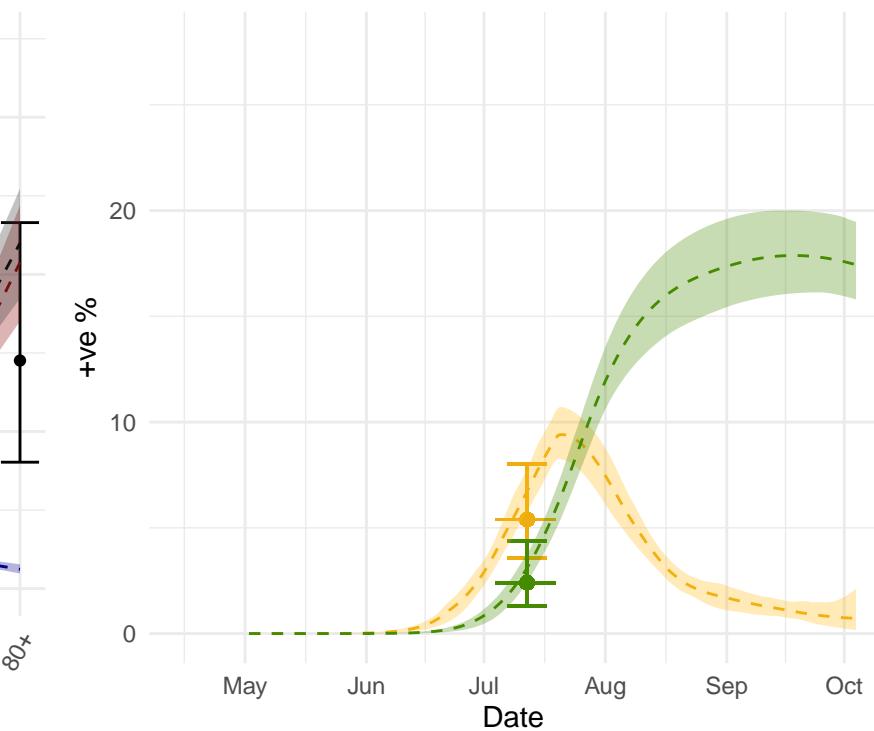
Post-mortem PCR prev. by age

UTH mortuary

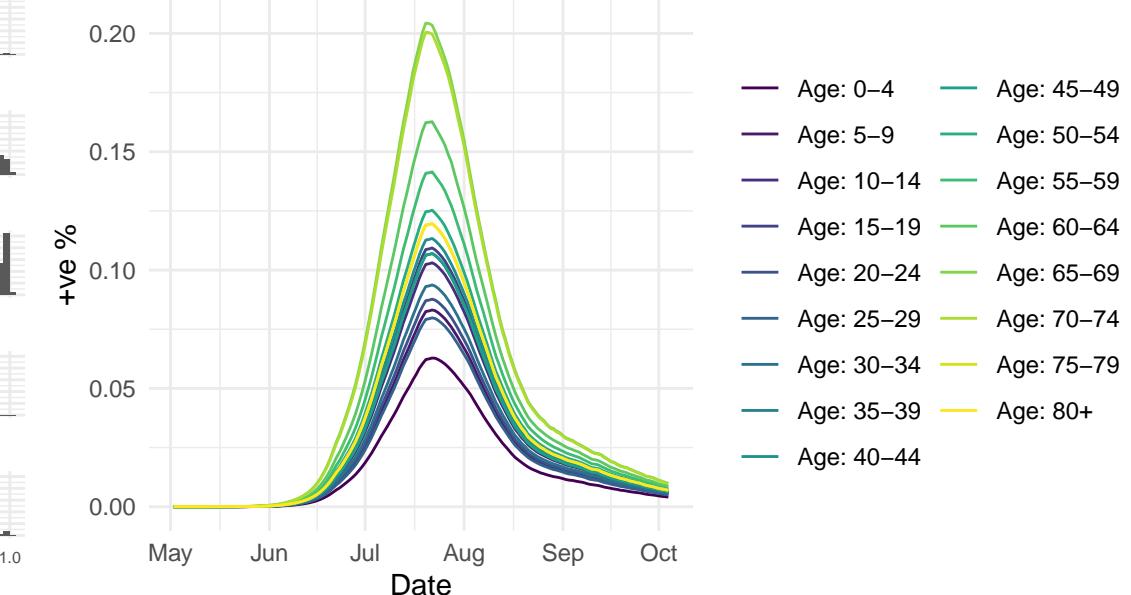


Population prevalence

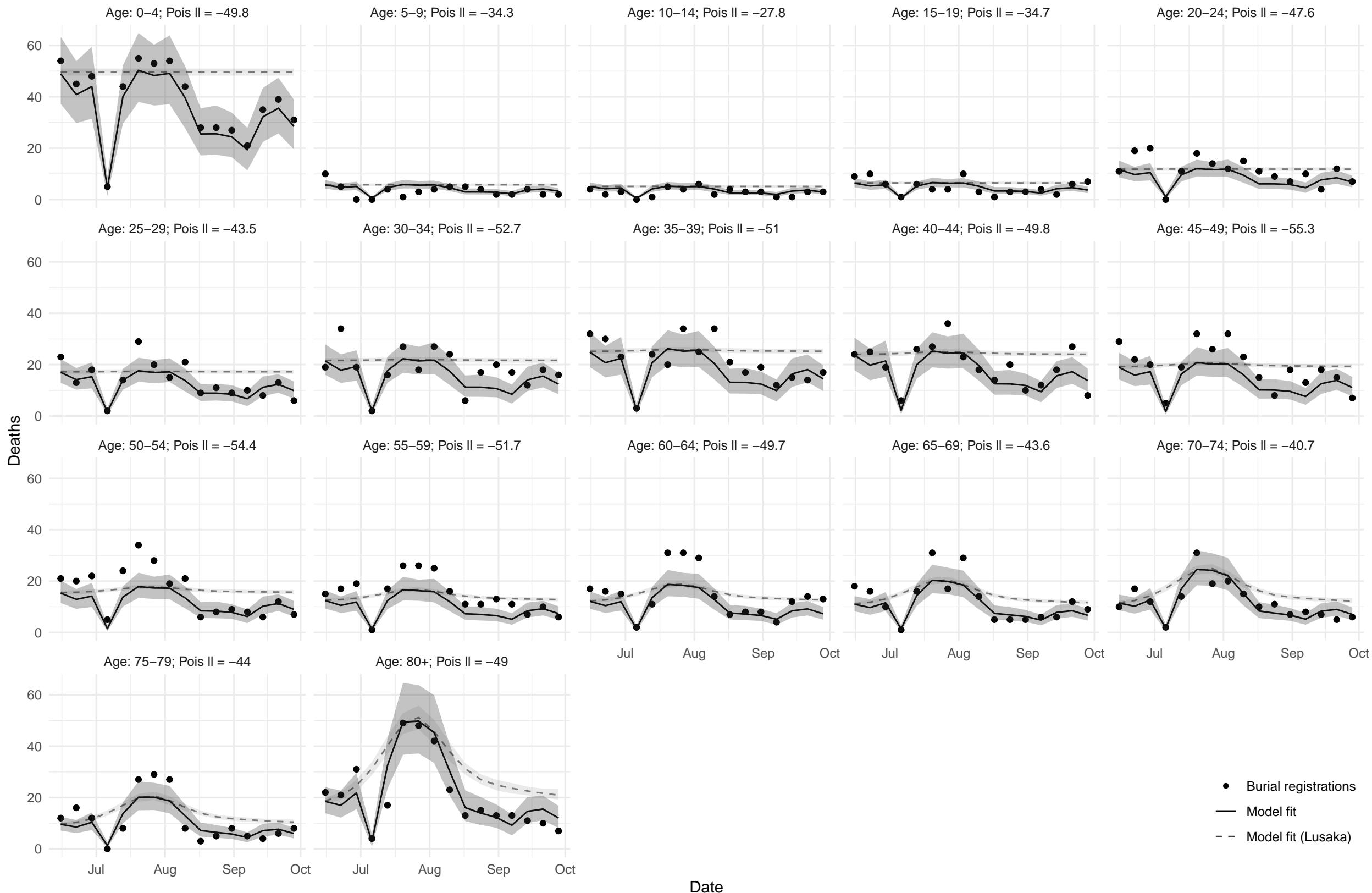
Lusaka



Modelled PCR %

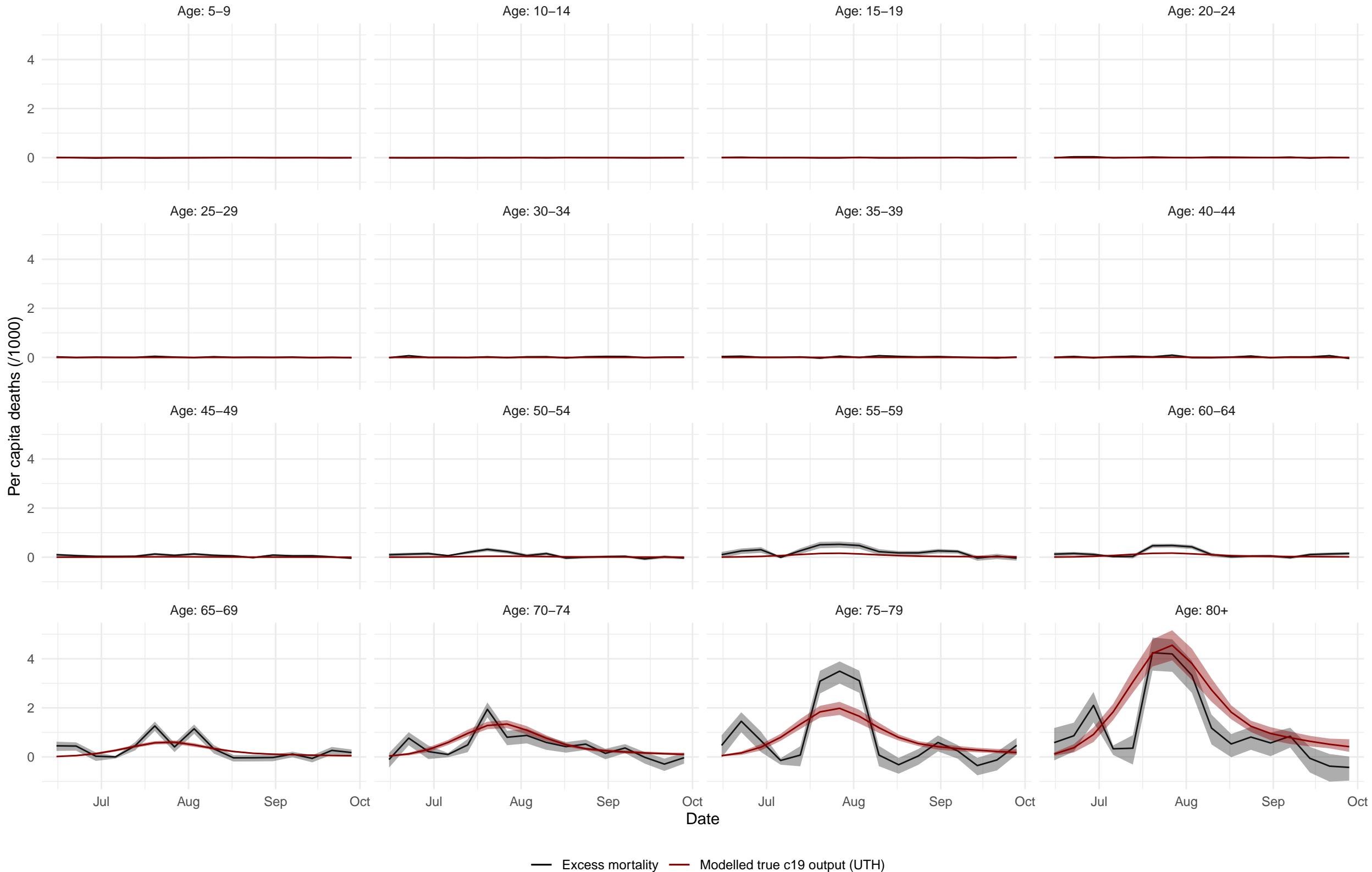


IFR x0.6, Slope x1.67
Lusaka weekly burial registrations



IFR x 0.6, Slope x 1.67

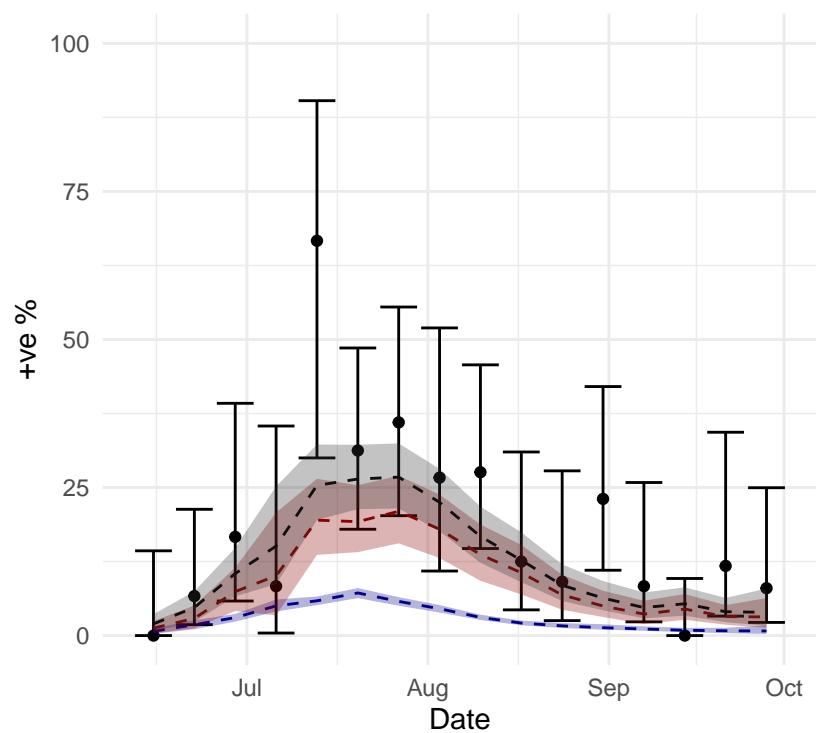
COVID-19 excess mortality: Comparison of MCMC results with squire results



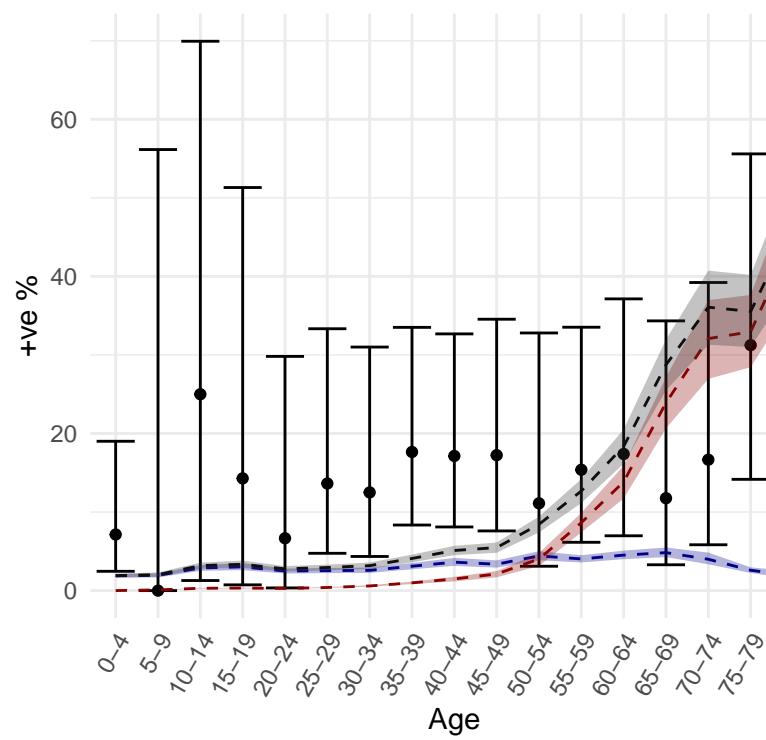
IFR x 0.8, Slope x 1.67

Post-mortem weekly PCR prev.

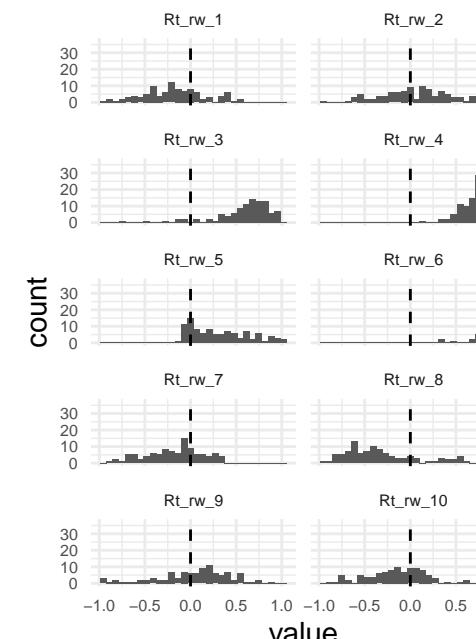
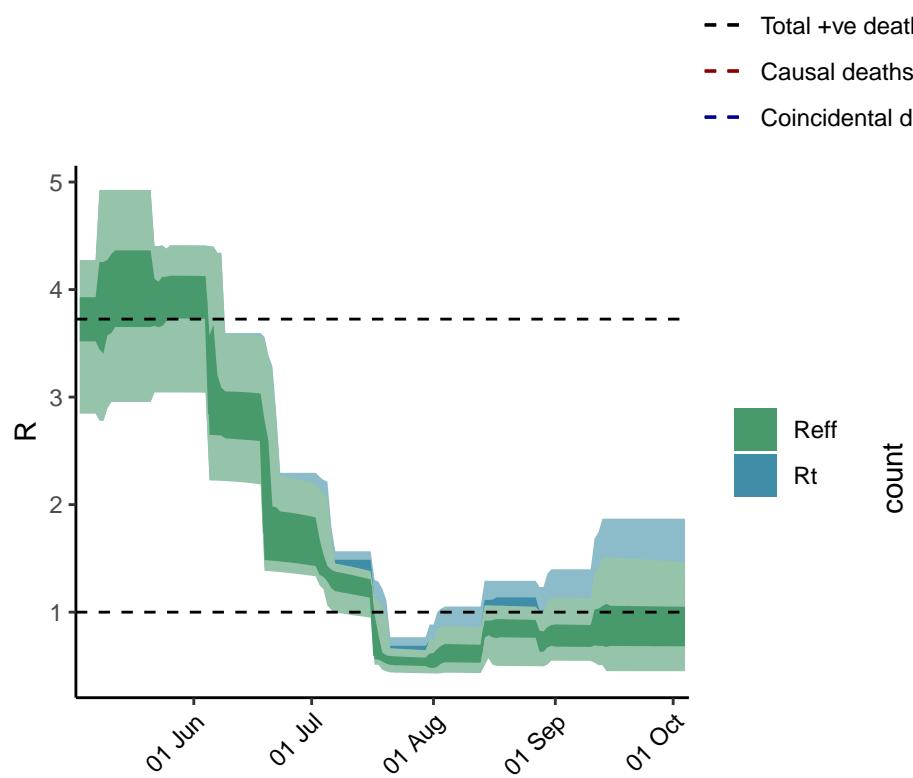
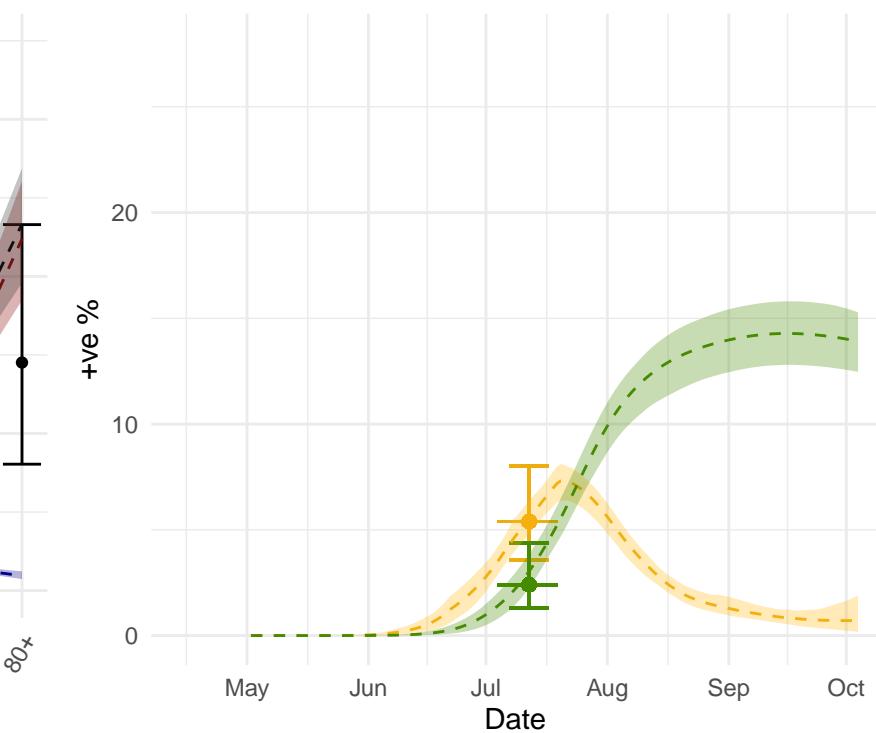
UTH mortuary



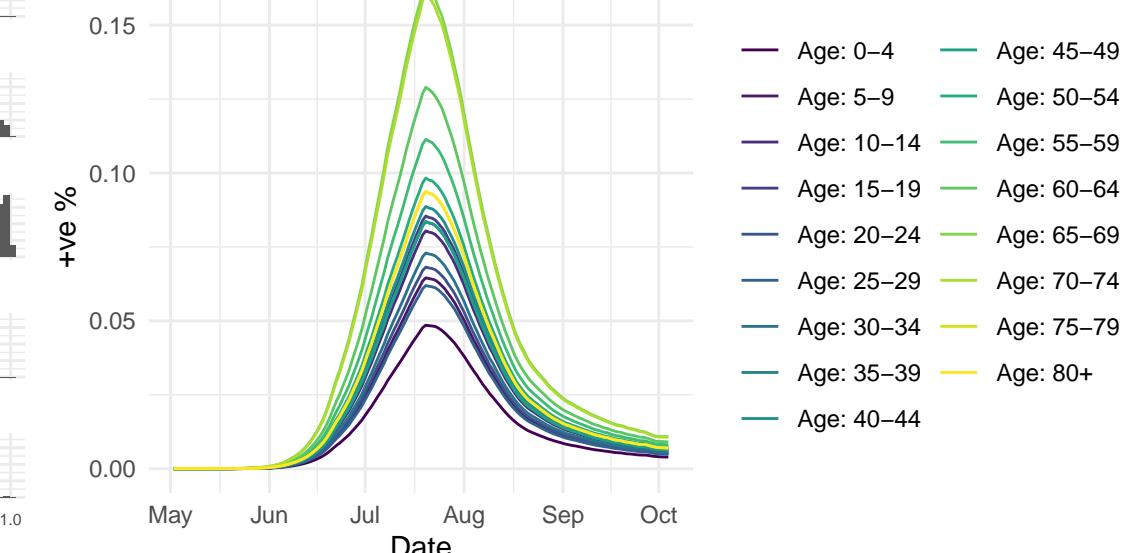
Post-mortem PCR prev. by age
UTH mortuary



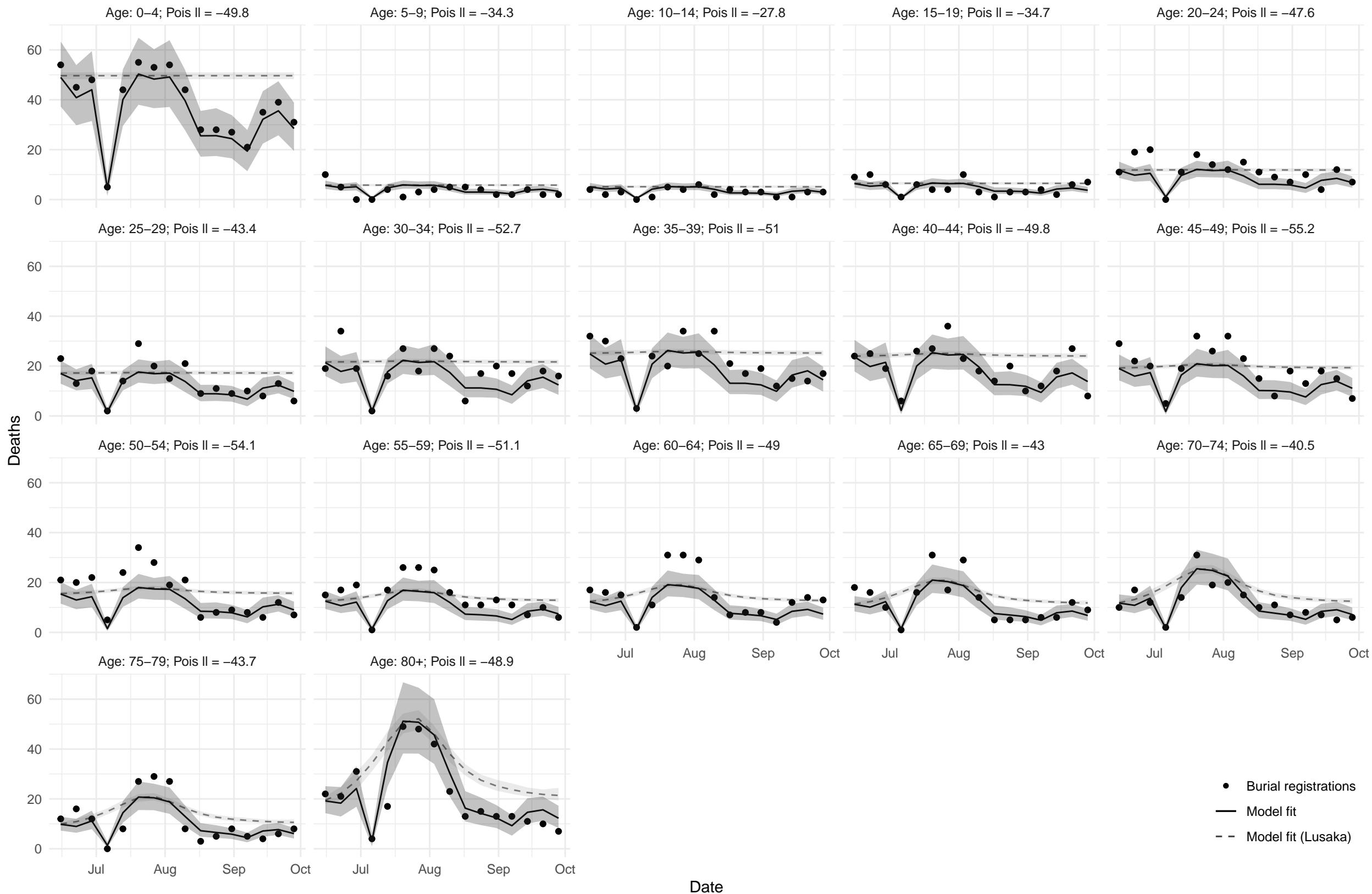
Population prevalence
Lusaka



Modelled PCR %

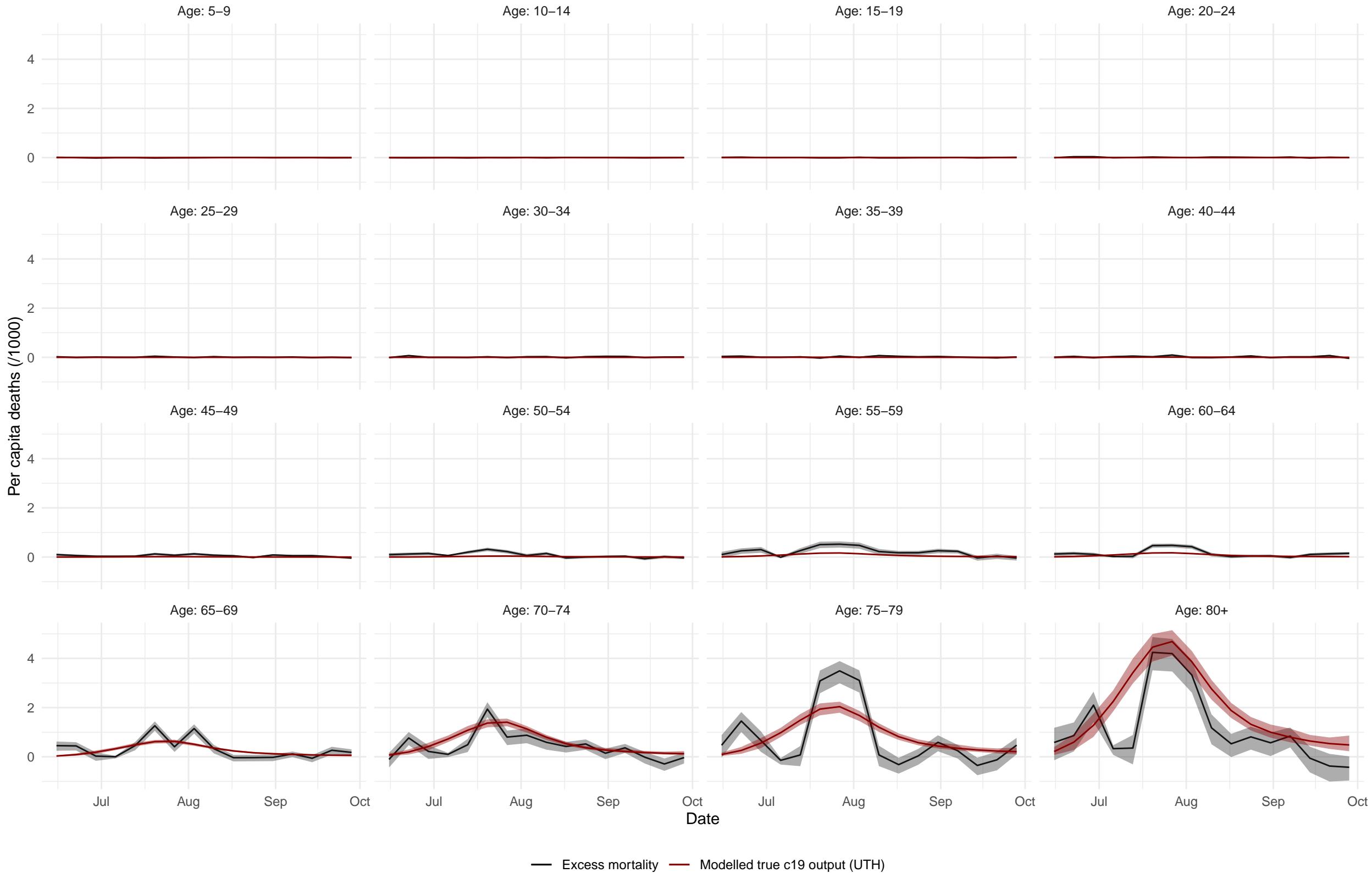


IFR x0.8, Slope x1.67
Lusaka weekly burial registrations



IFR x 0.8, Slope x 1.67

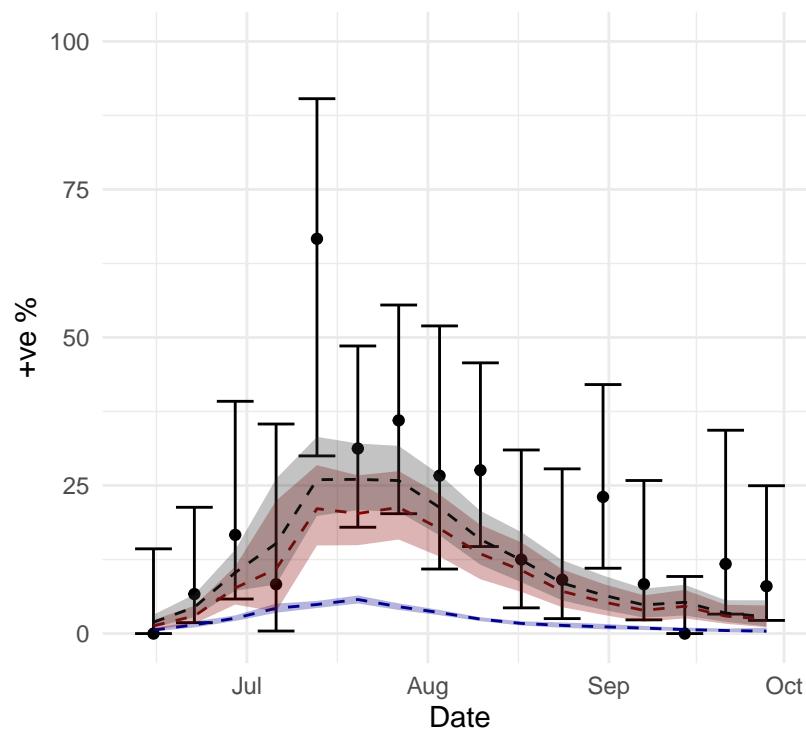
COVID-19 excess mortality: Comparison of MCMC results with squire results



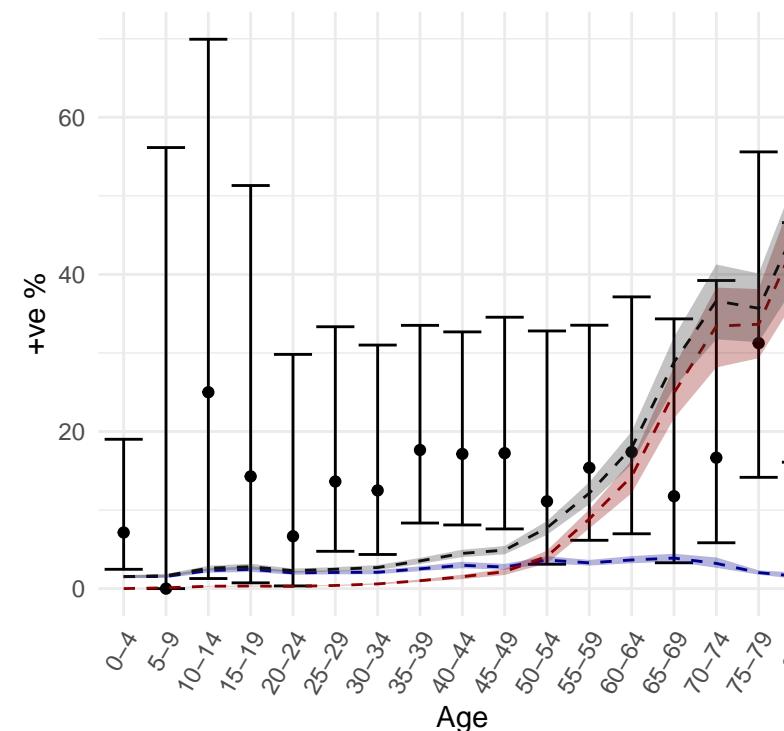
IFR x 1, Slope x 1.67

Post-mortem weekly PCR prev.

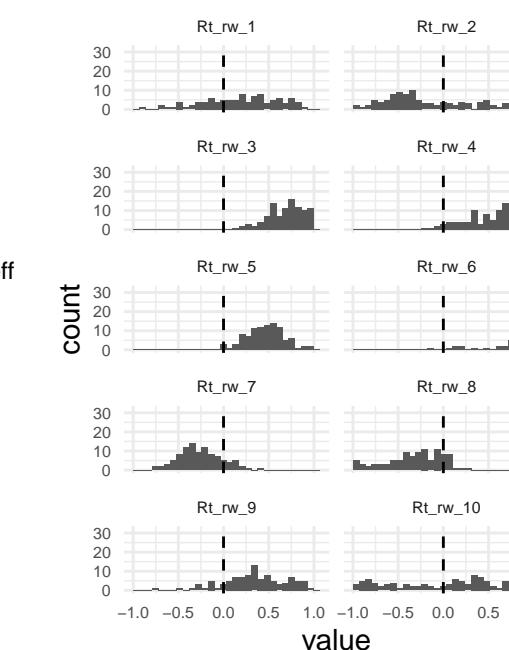
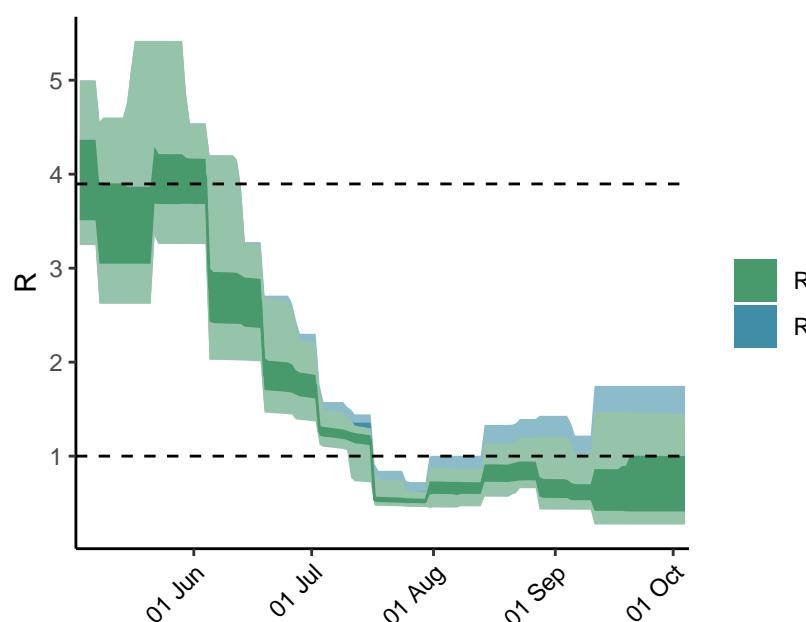
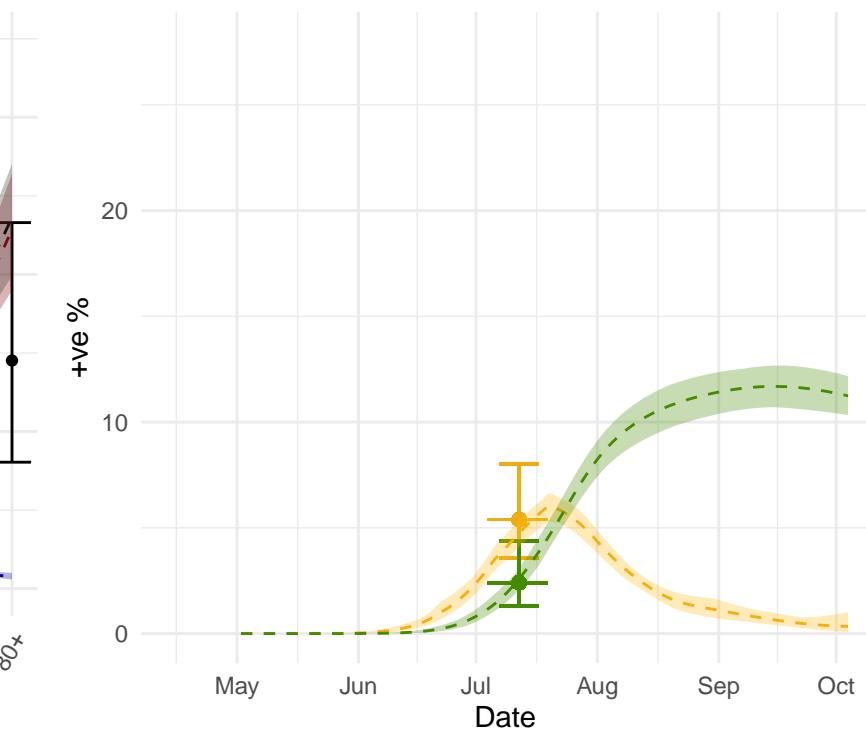
UTH mortuary



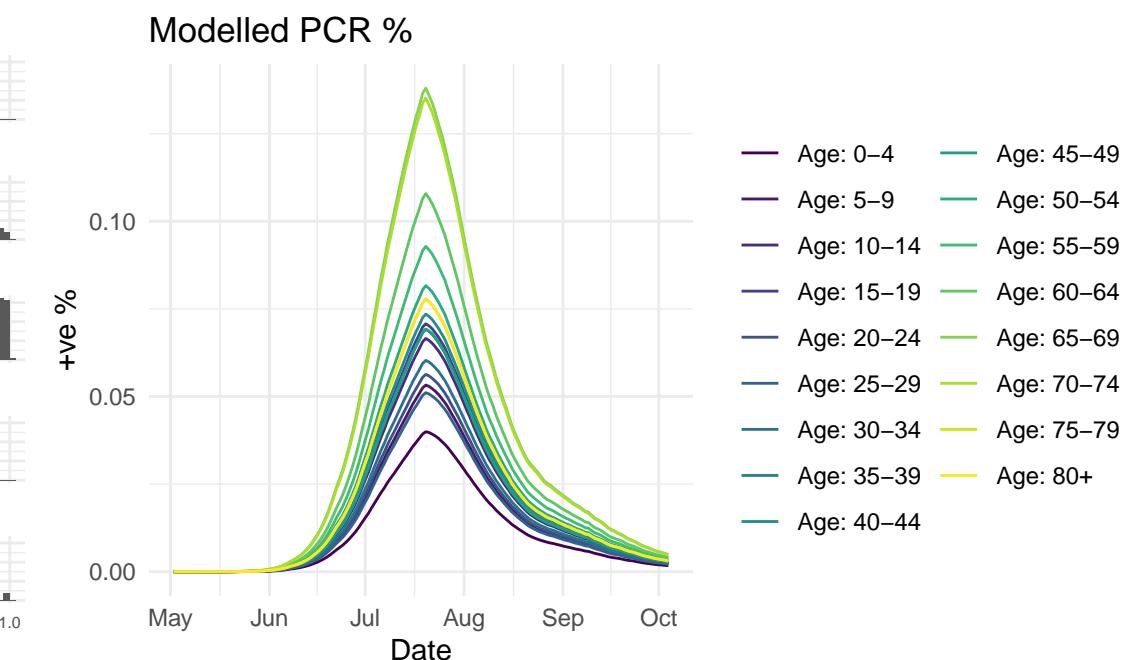
Post-mortem PCR prev. by age
UTH mortuary



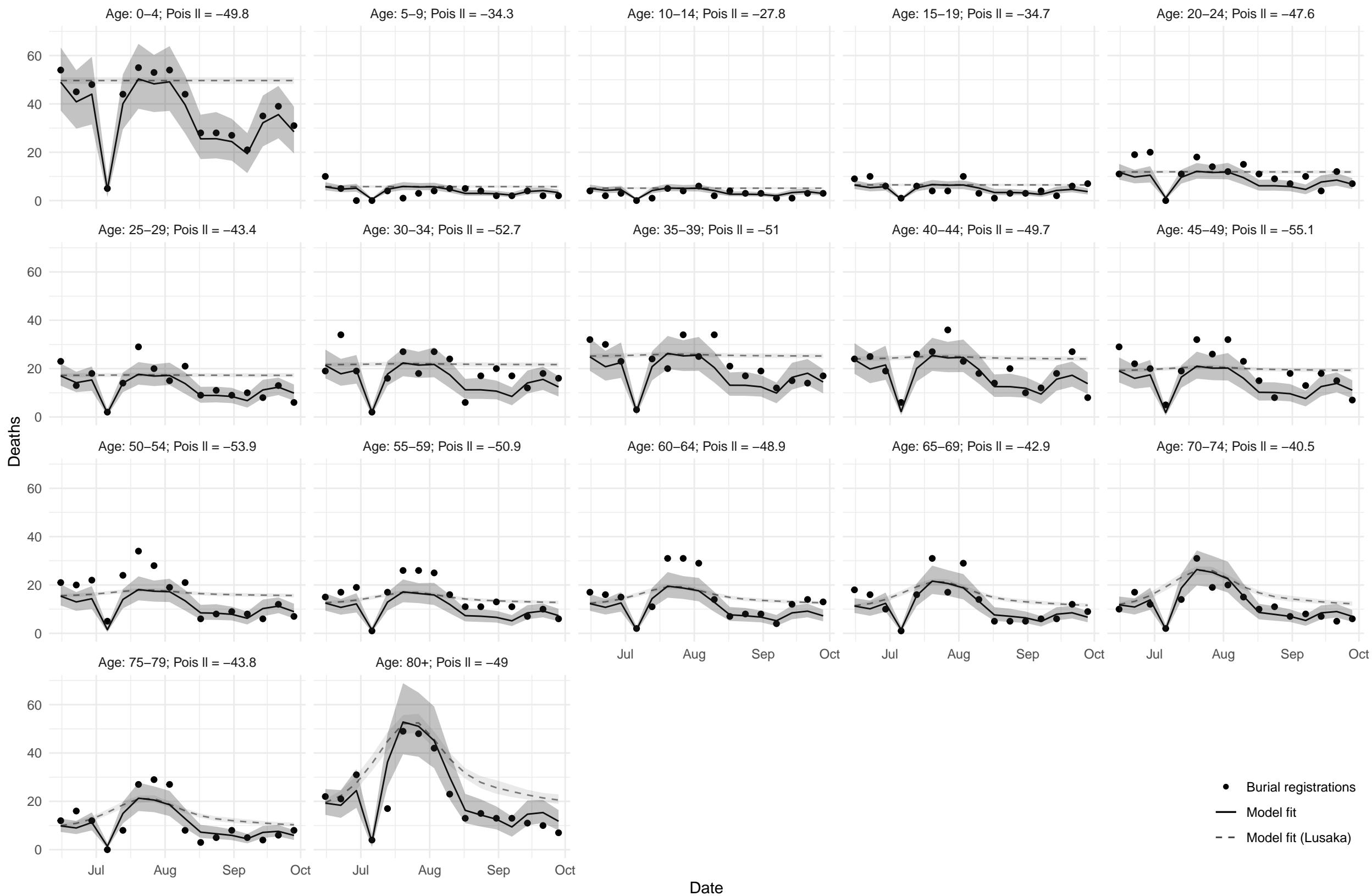
Population prevalence
Lusaka



Modelled PCR %



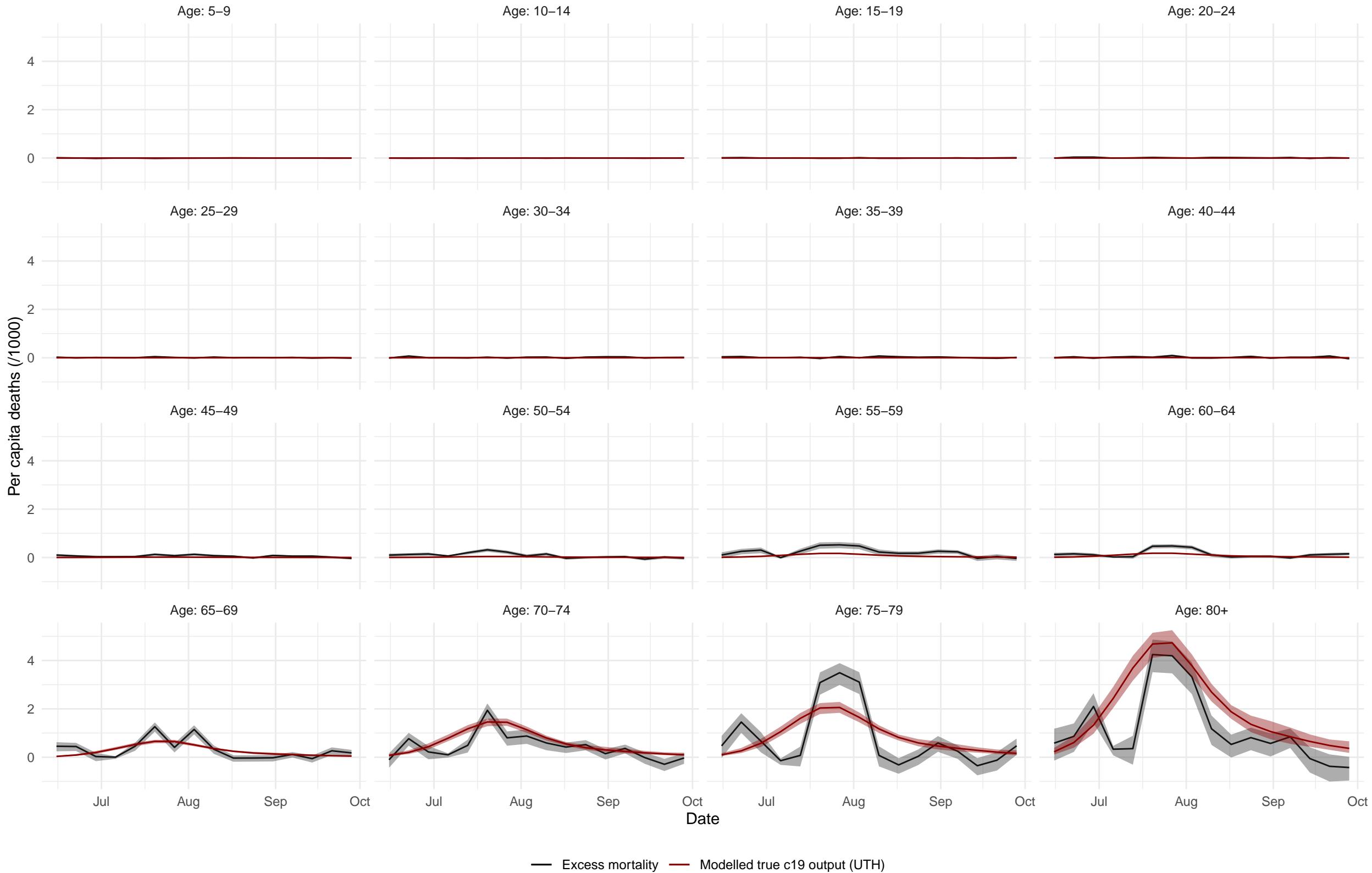
IFR x1, Slope x1.67
Lusaka weekly burial registrations



- Burial registrations
- Model fit
- - Model fit (Lusaka)

IFR x 1, Slope x 1.67

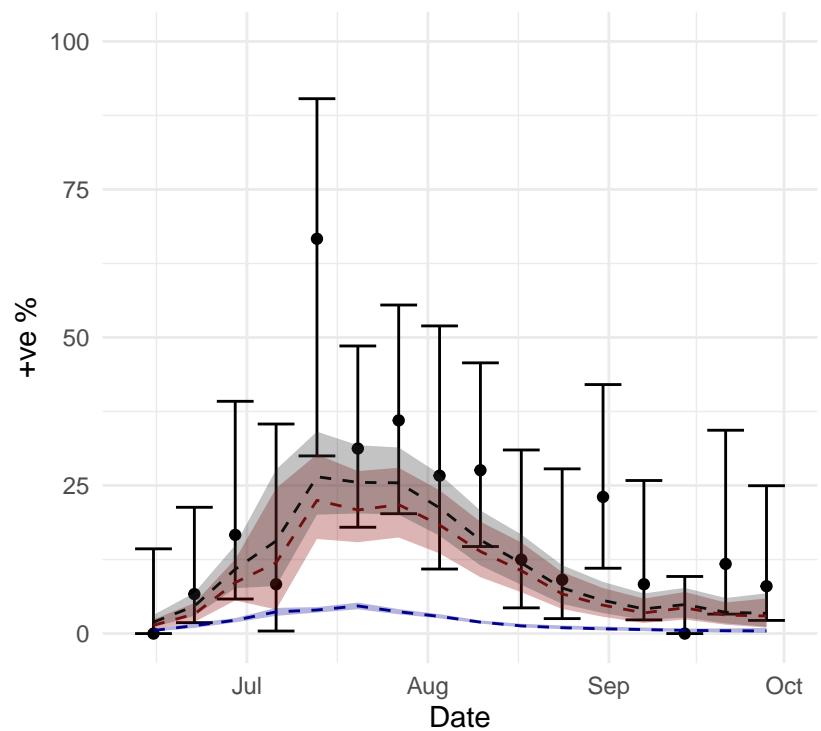
COVID-19 excess mortality: Comparison of MCMC results with squire results



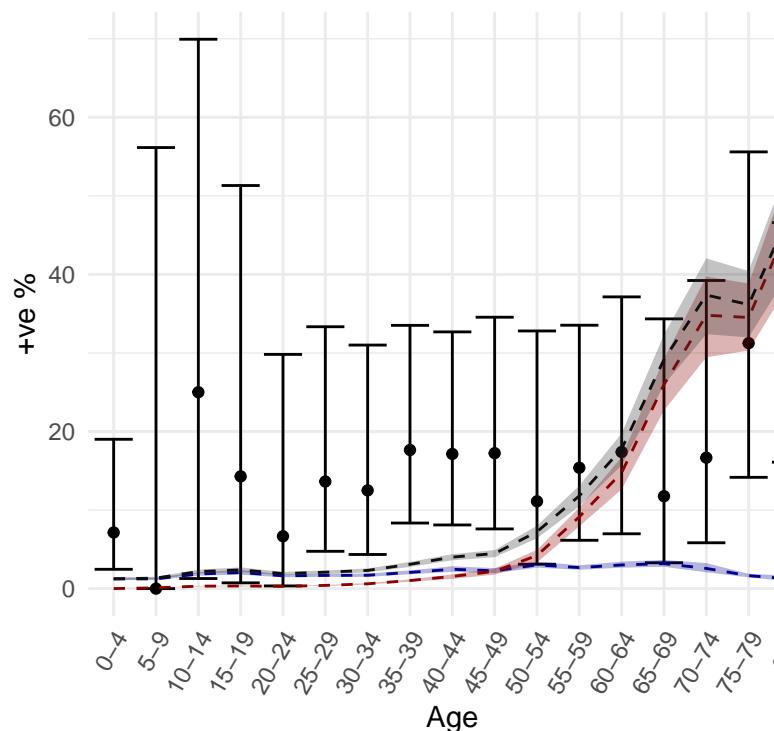
IFR x 1.25, Slope x 1.67

Post-mortem weekly PCR prev.

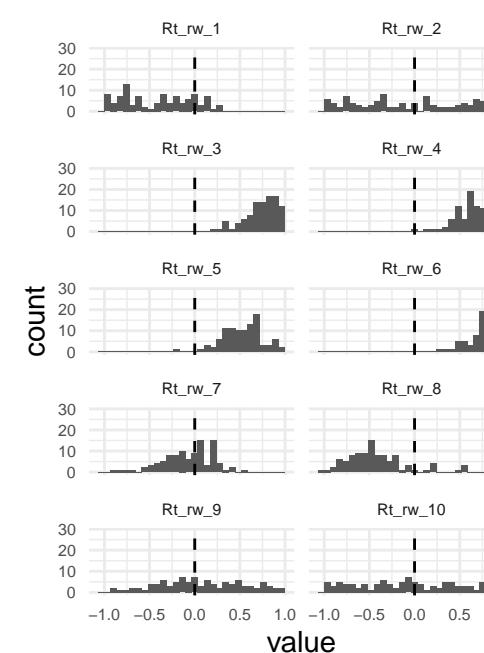
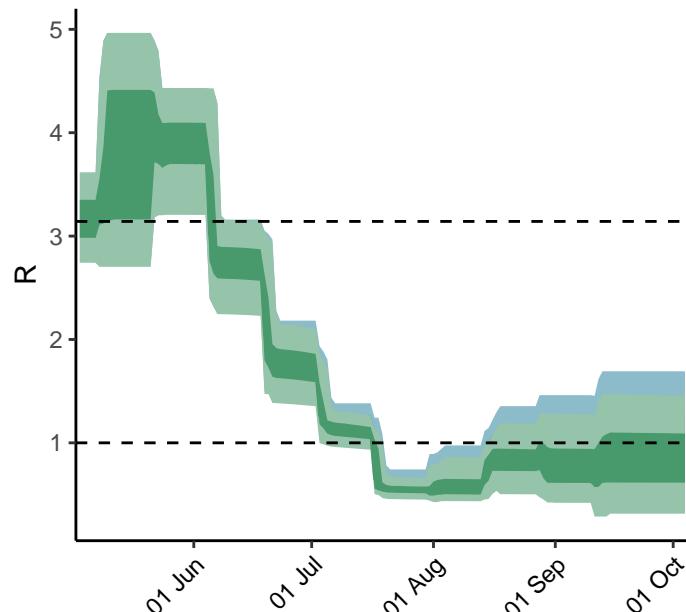
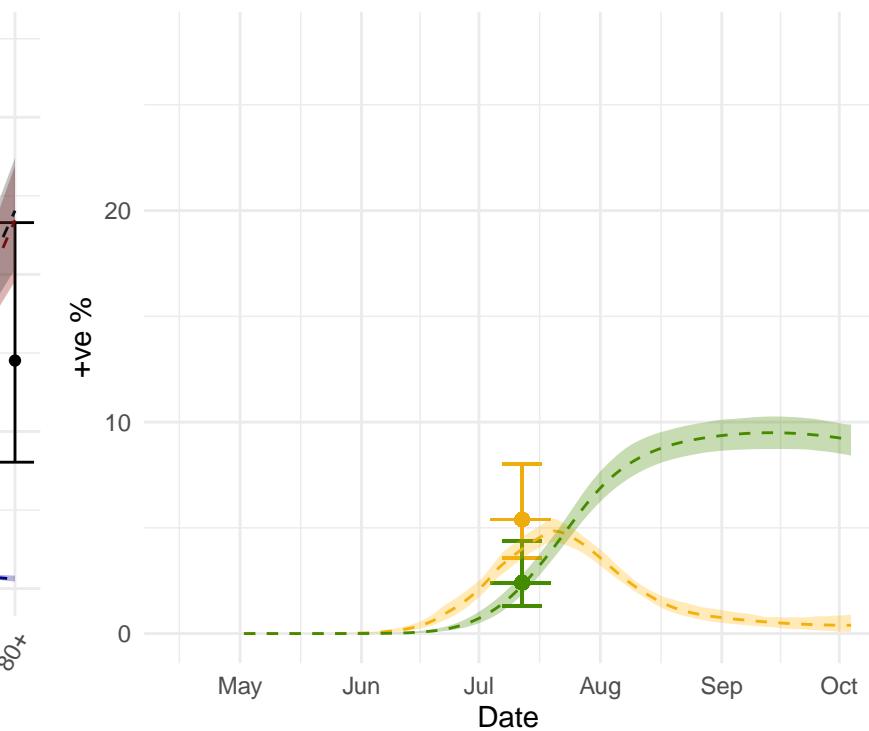
UTH mortuary



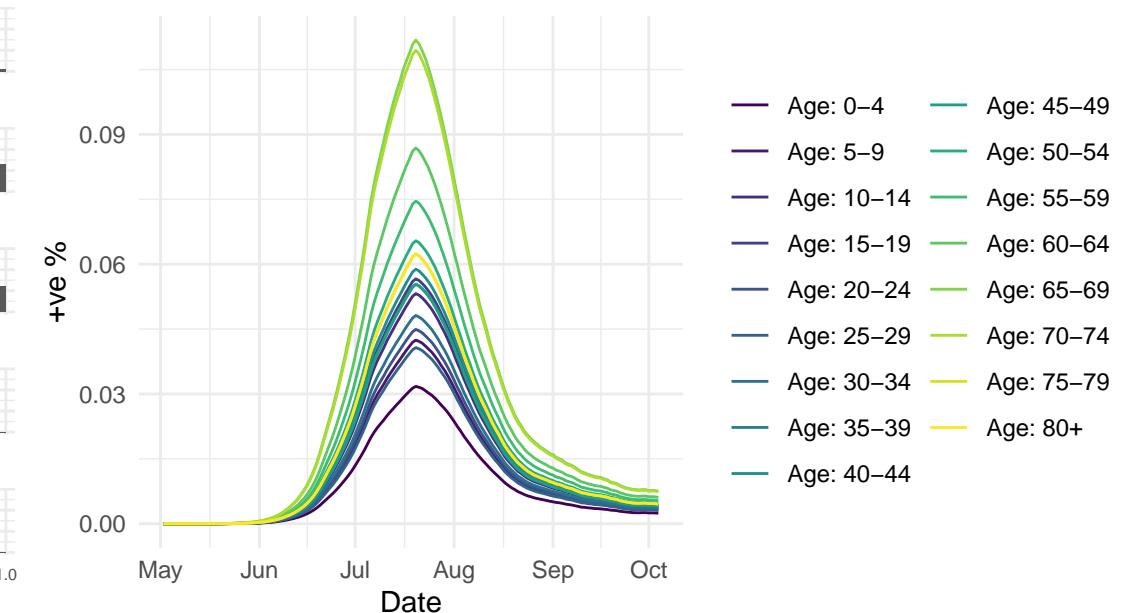
Post-mortem PCR prev. by age
UTH mortuary



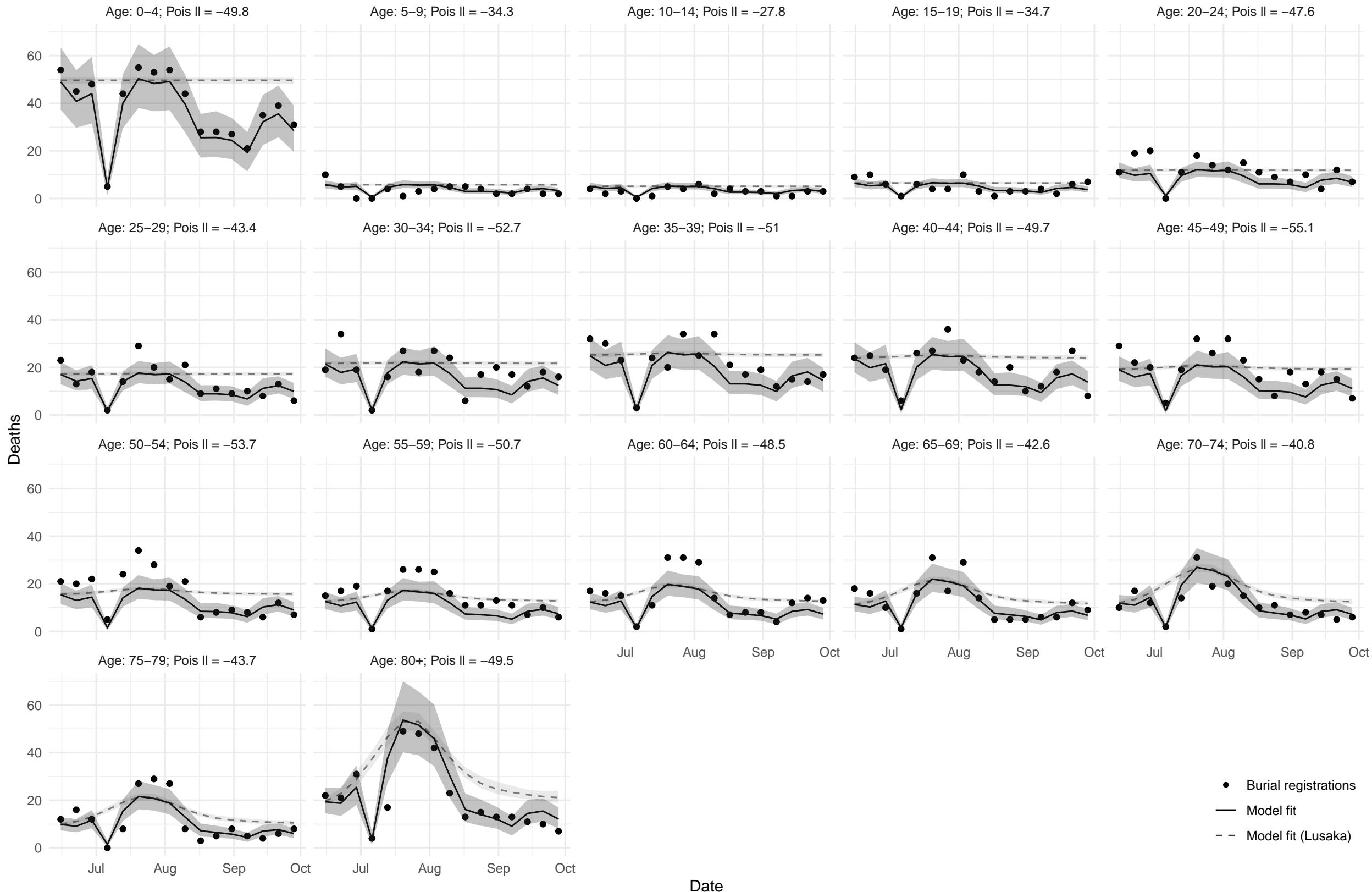
Population prevalence
Lusaka



Modelled PCR %

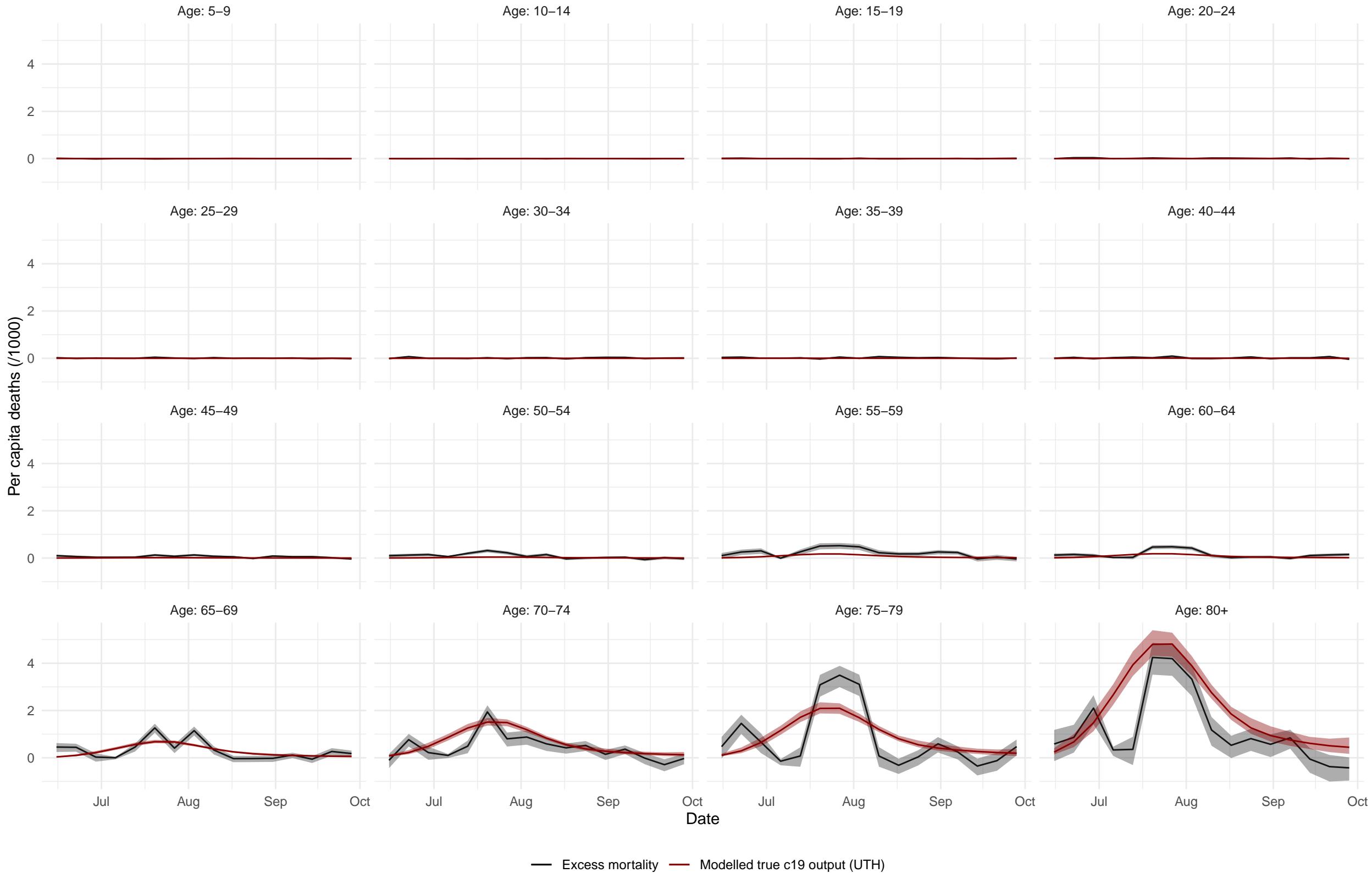


IFR x1.25, Slope x1.67
Lusaka weekly burial registrations

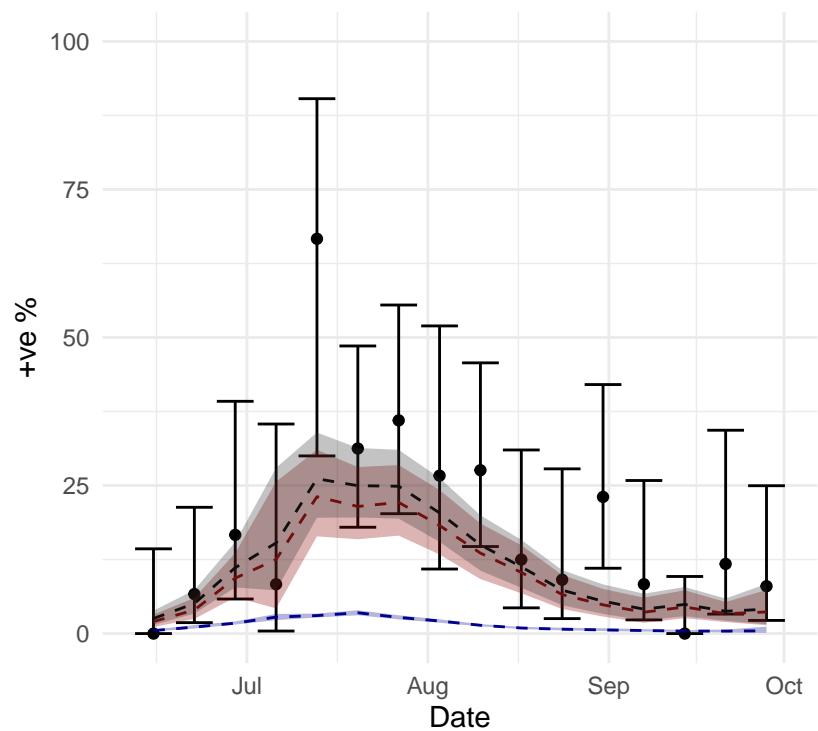


IFR x 1.25, Slope x 1.67

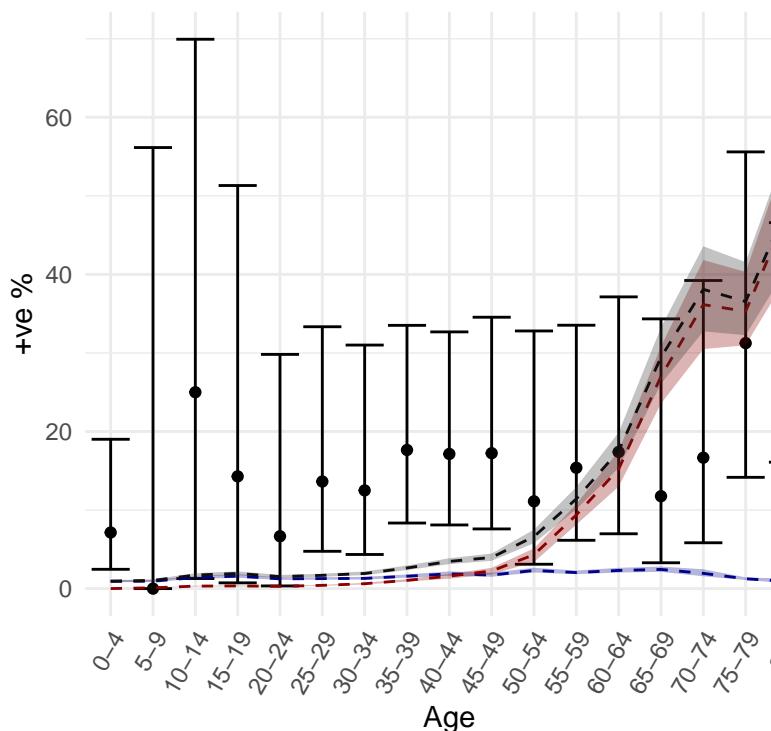
COVID-19 excess mortality: Comparison of MCMC results with squire results



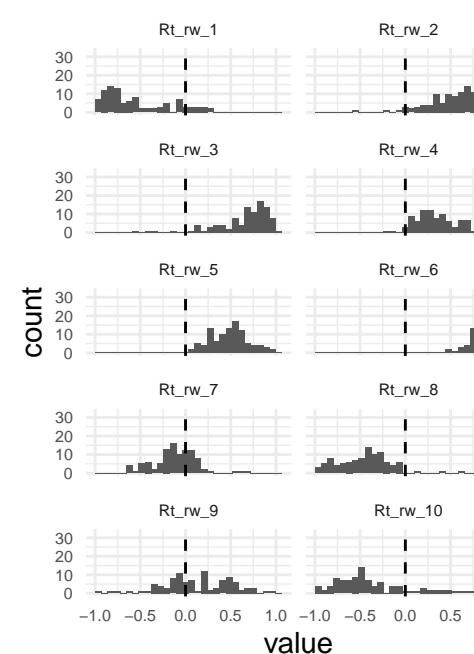
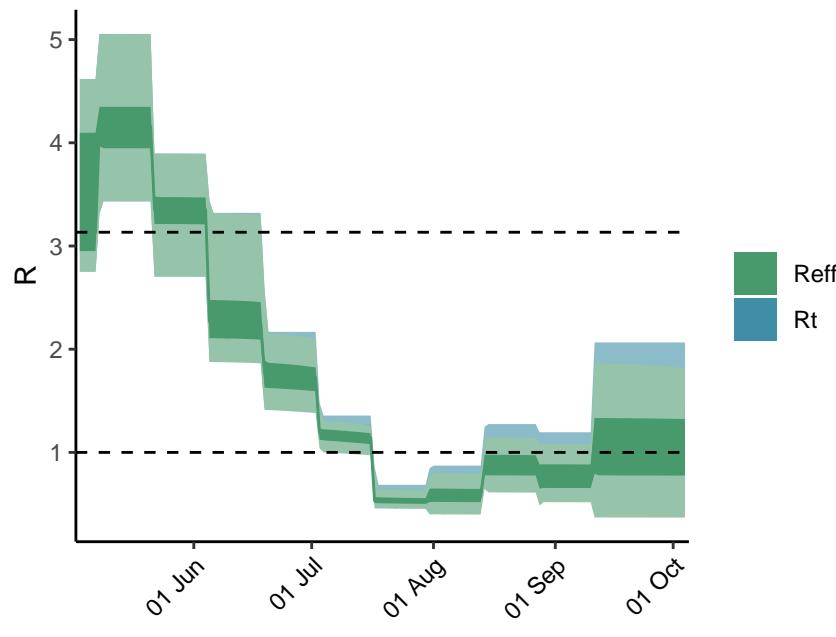
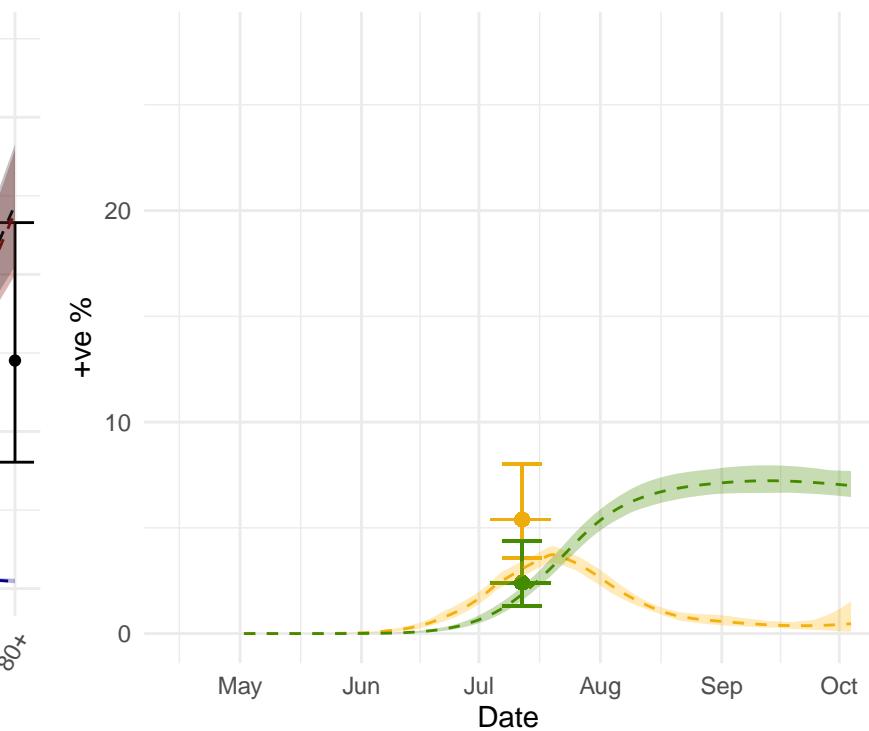
IFR x 1.67, Slope x 1.67
Post-mortem weekly PCR prev.
UTH mortuary



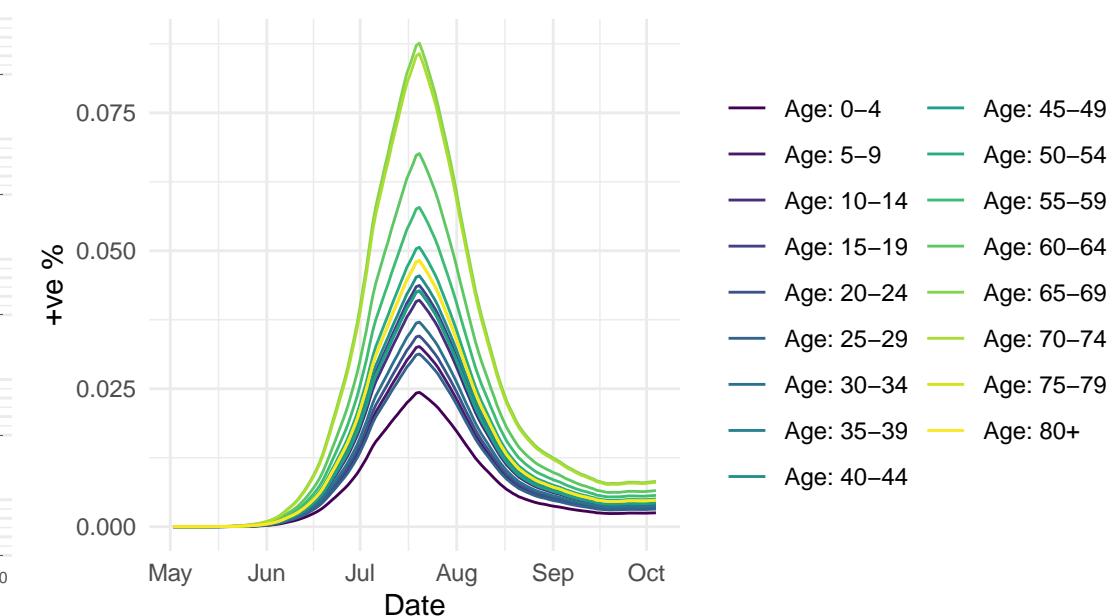
Post-mortem PCR prev. by age
UTH mortuary



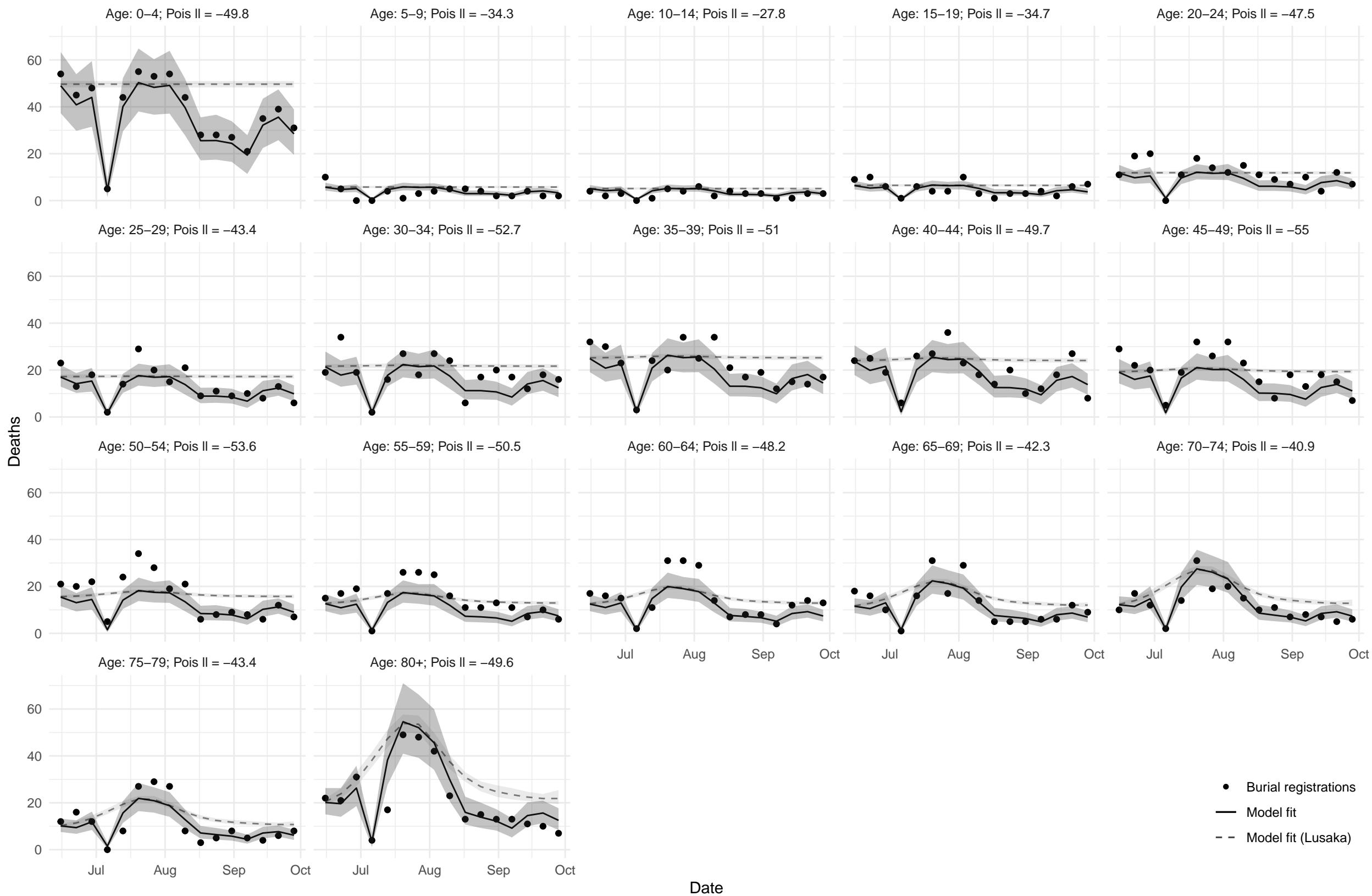
Population prevalence
Lusaka



Modelled PCR %

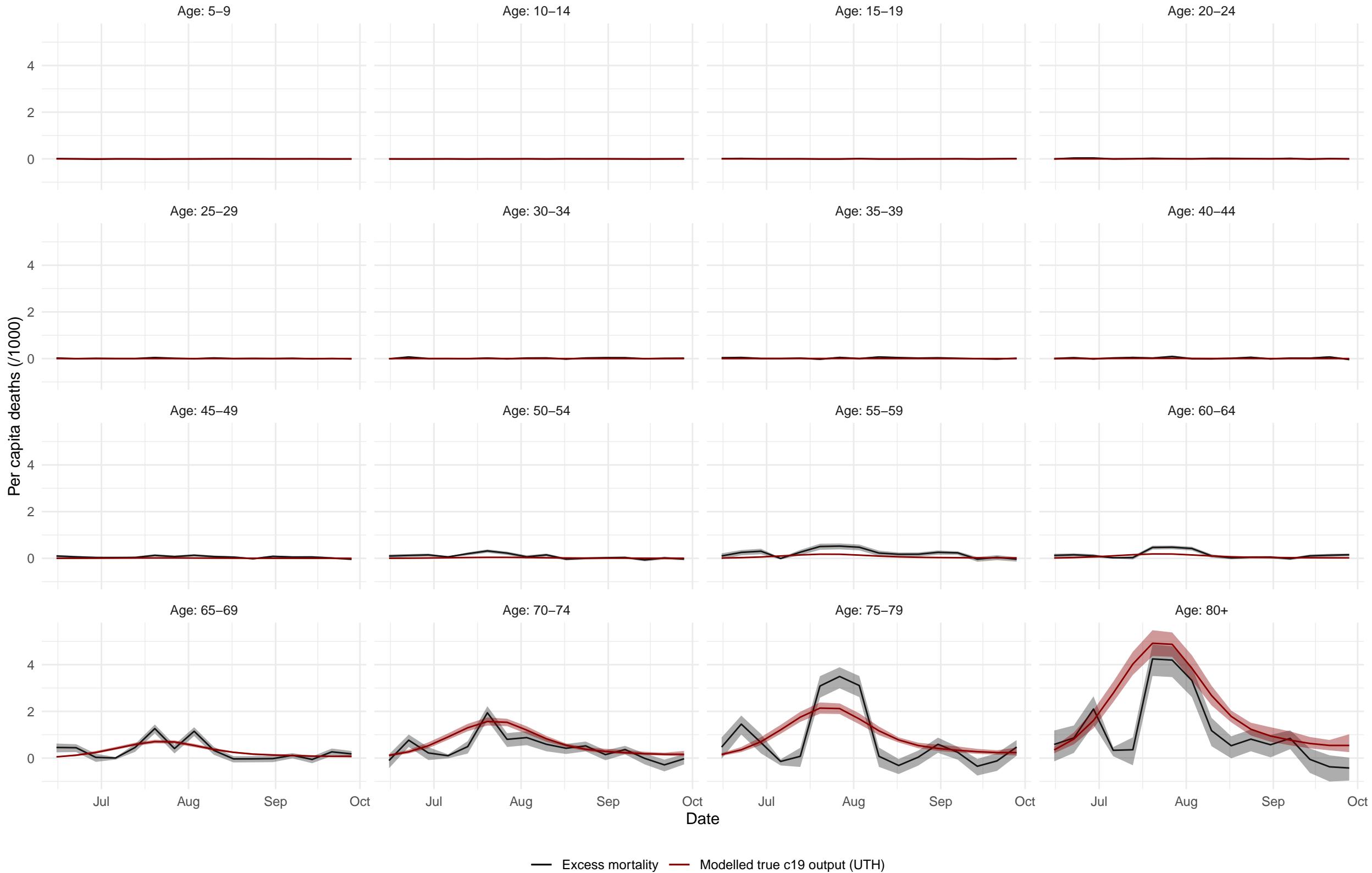


IFR x1.67, Slope x1.67
Lusaka weekly burial registrations



IFR x 1.67, Slope x 1.67

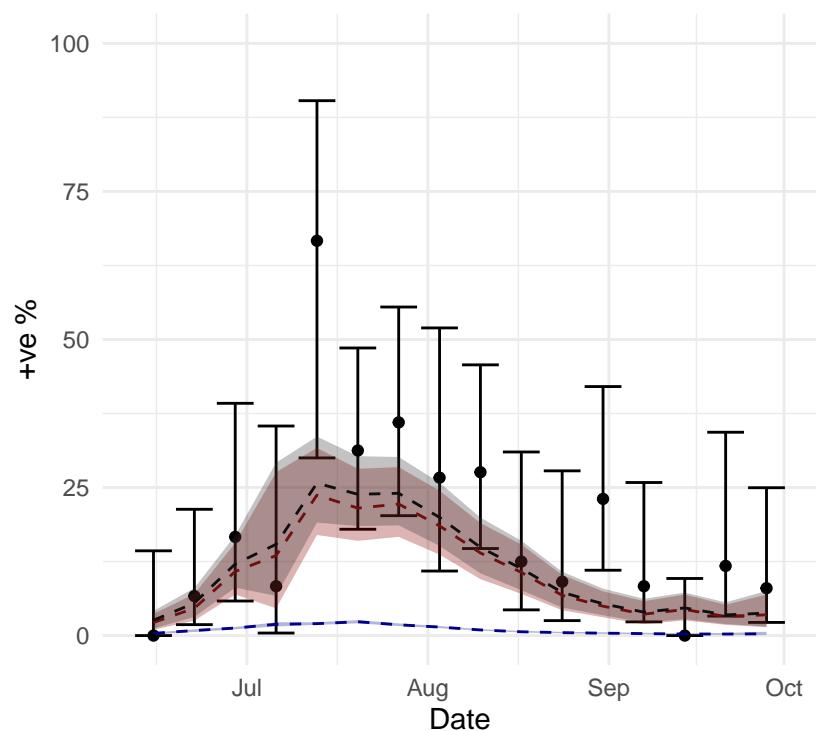
COVID-19 excess mortality: Comparison of MCMC results with squire results



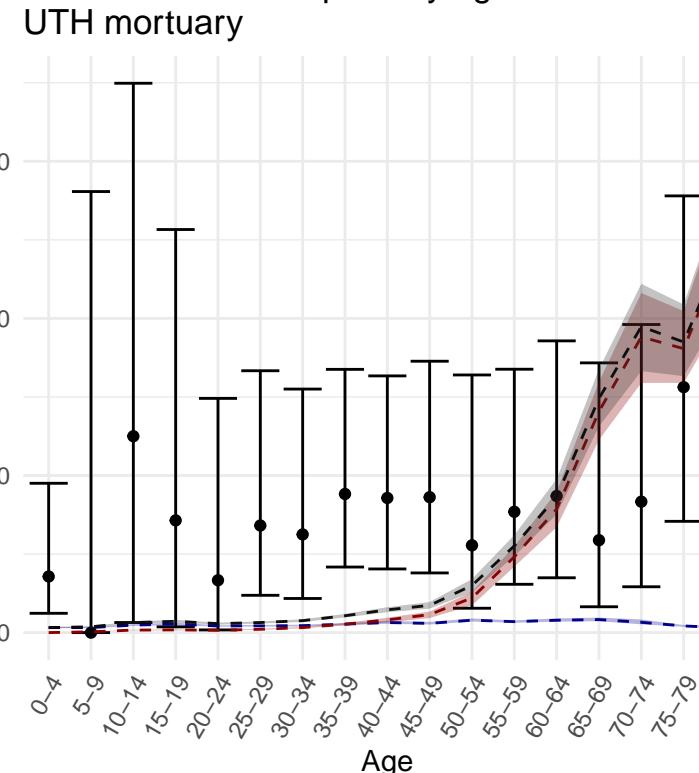
IFR x 2.5, Slope x 1.67

Post-mortem weekly PCR prev.

UTH mortuary

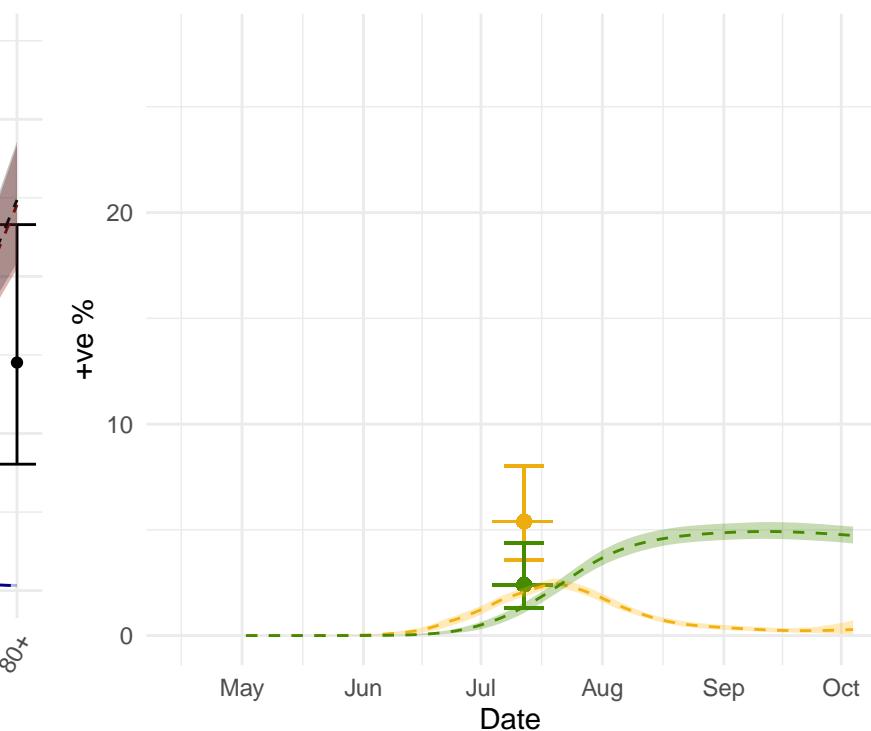


Post-mortem PCR prev. by age



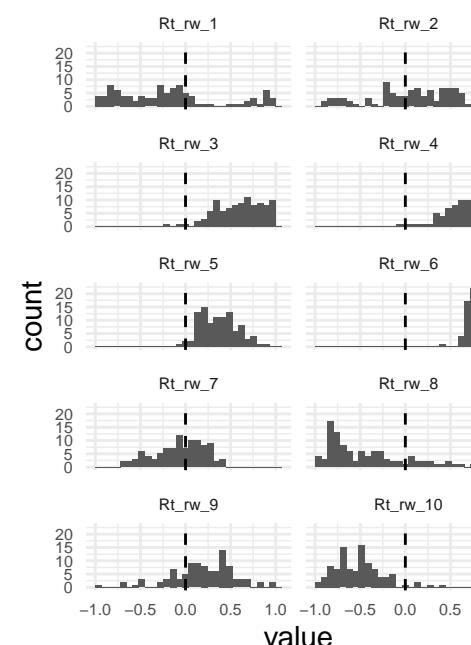
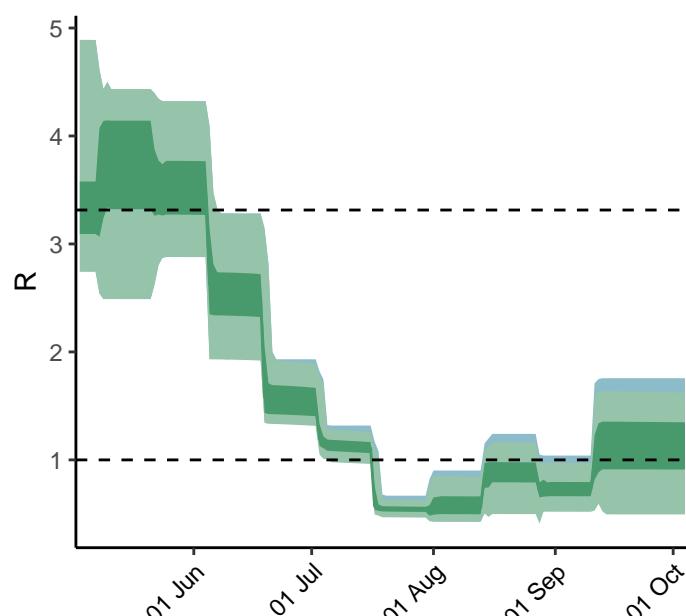
Population prevalence

Lusaka

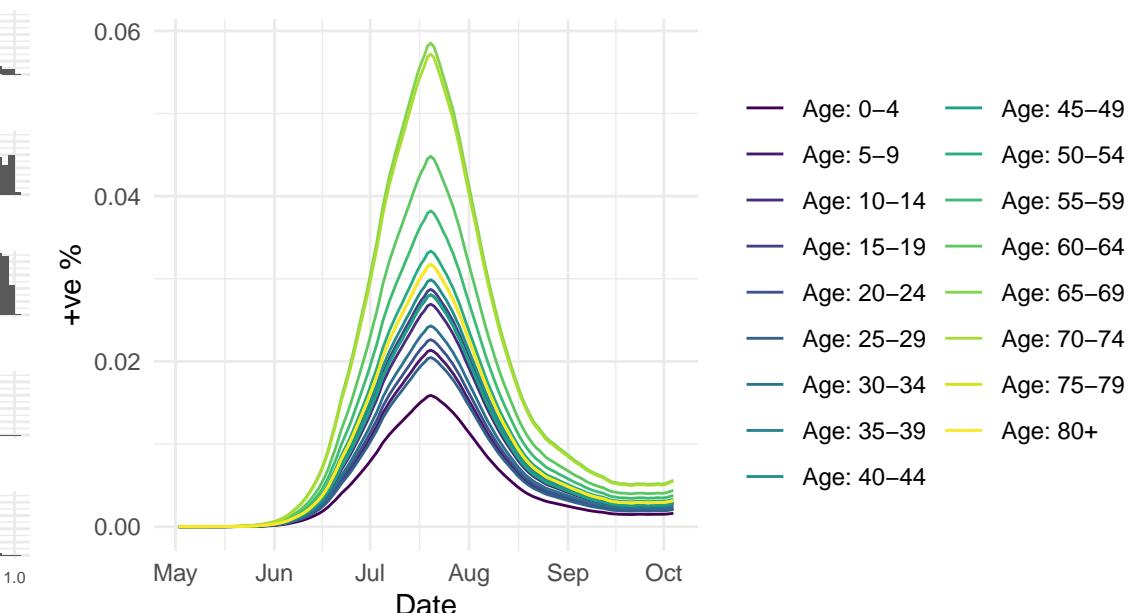


R_{eff}

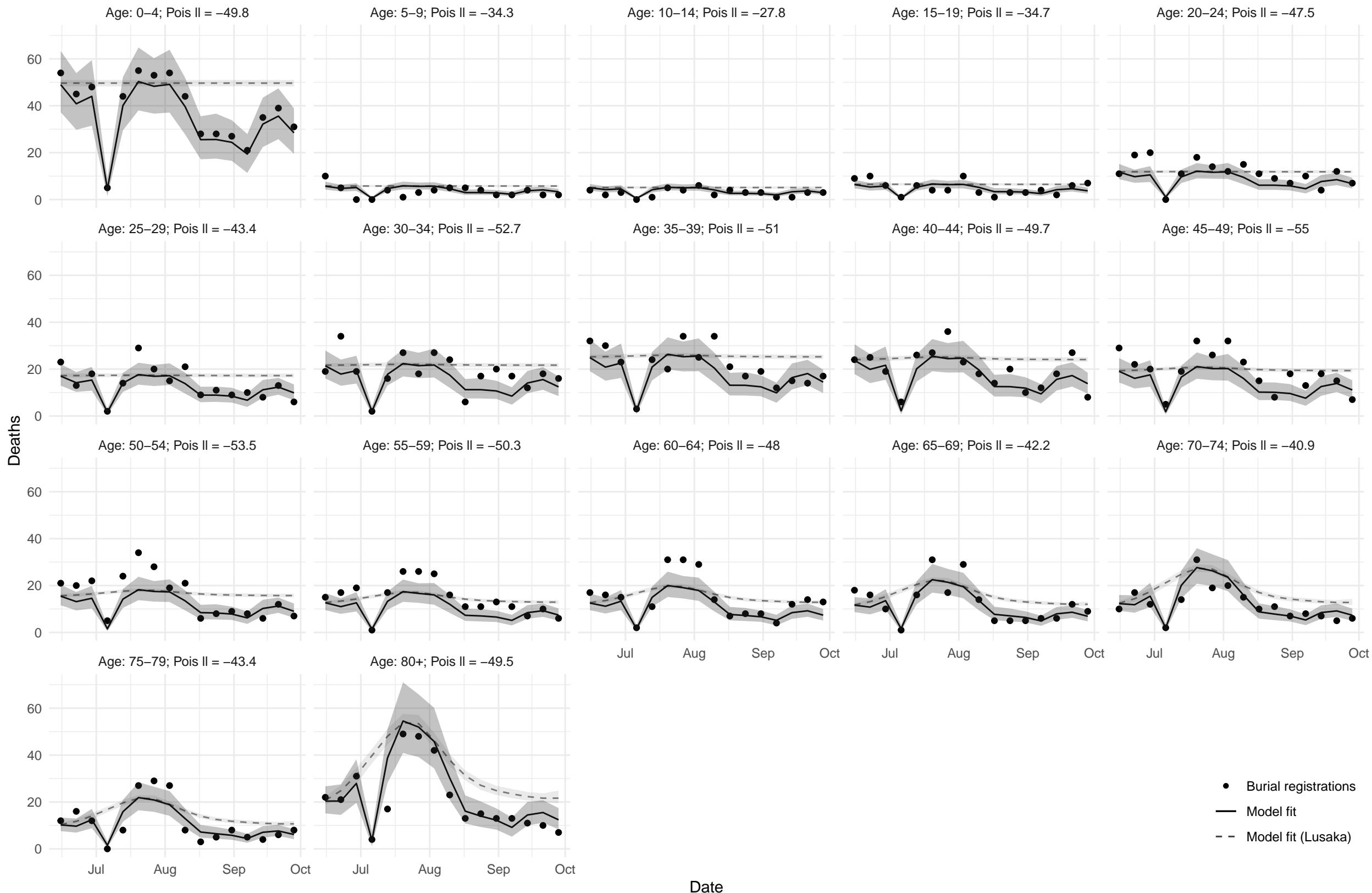
R_t



Modelled PCR %

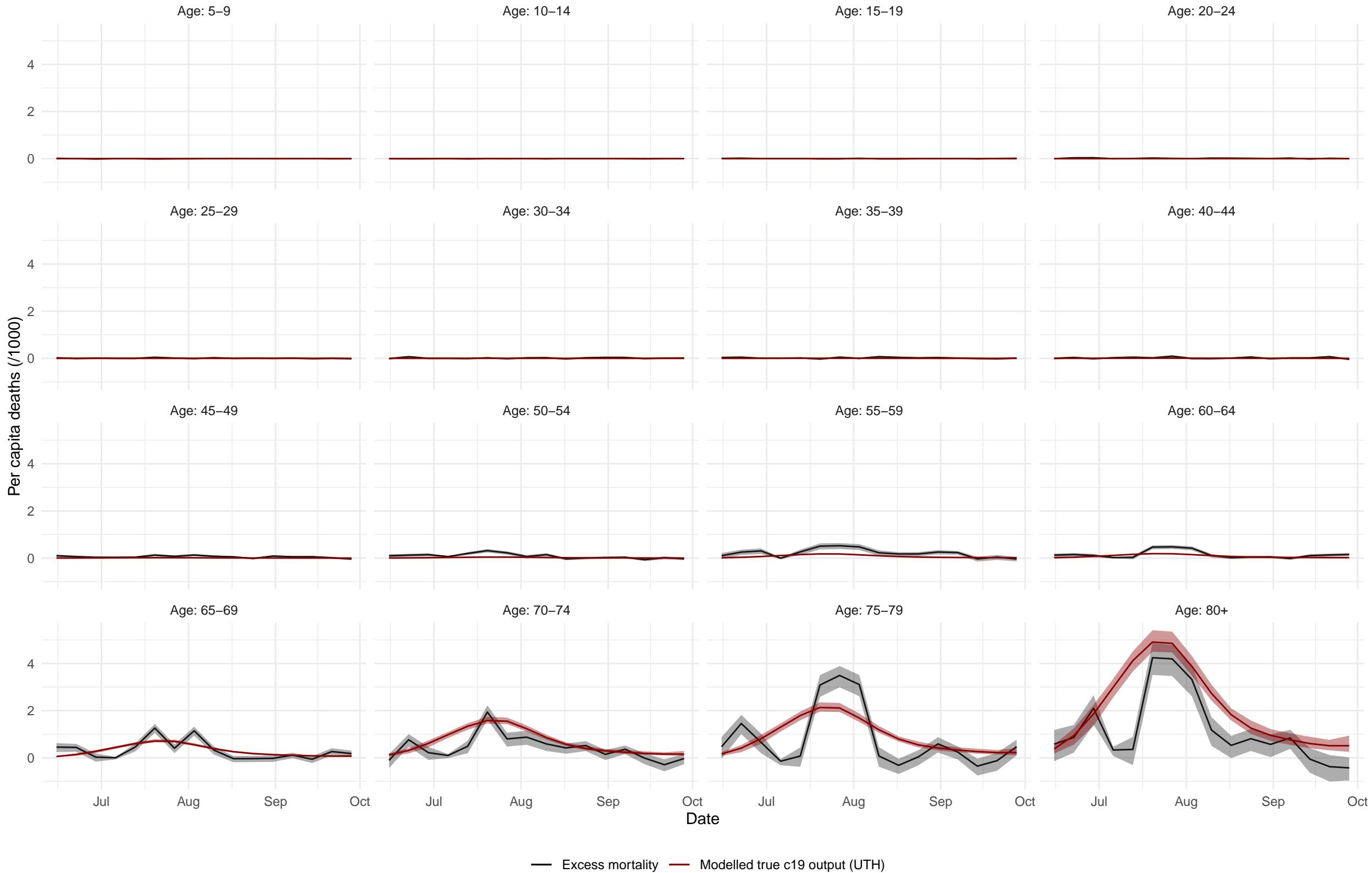


IFR x2.5, Slope x1.67
Lusaka weekly burial registrations



IFR x 2.5, Slope x 1.67

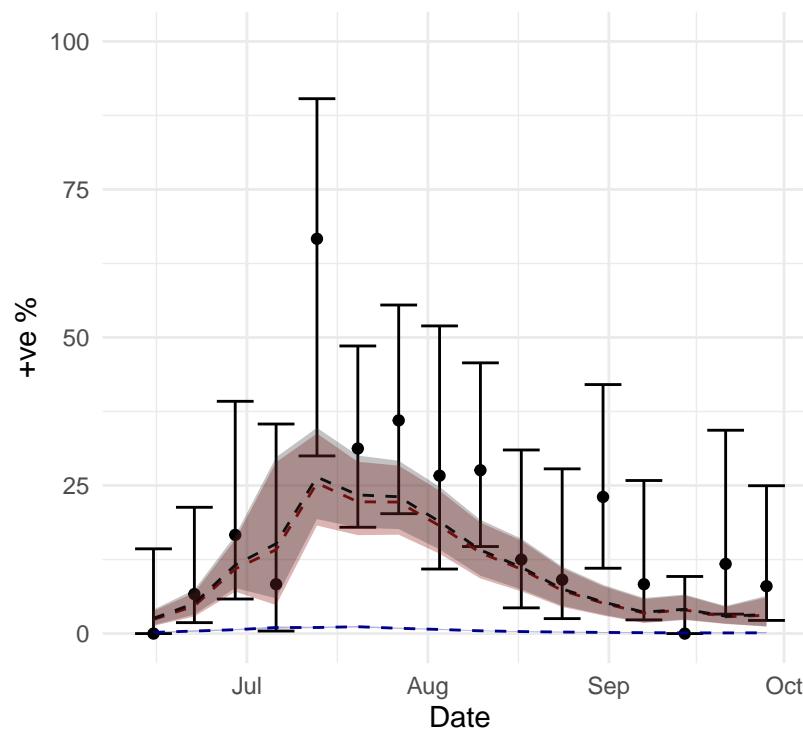
COVID-19 excess mortality: Comparison of MCMC results with squire results



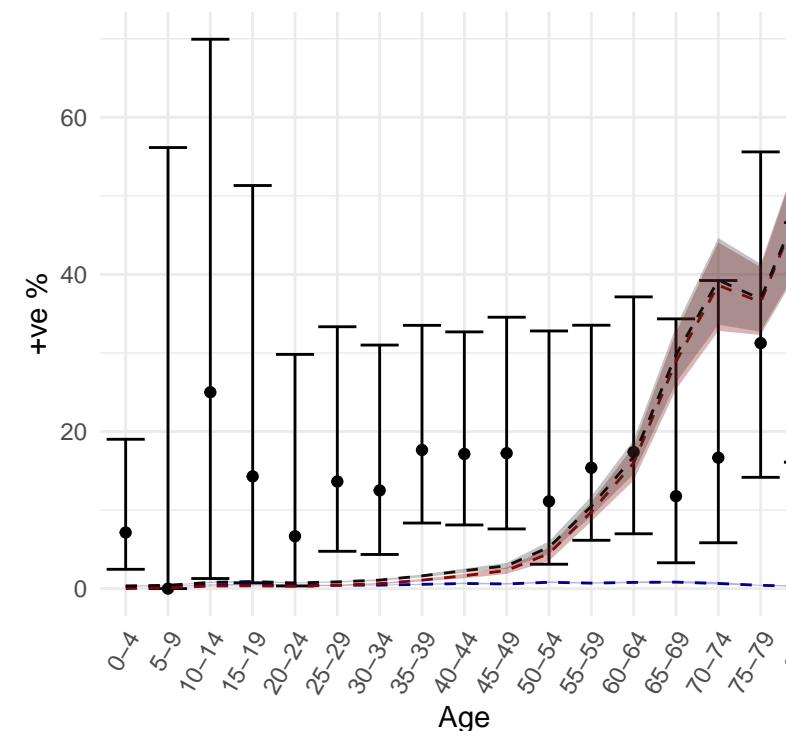
IFR x 5, Slope x 1.67

Post-mortem weekly PCR prev.

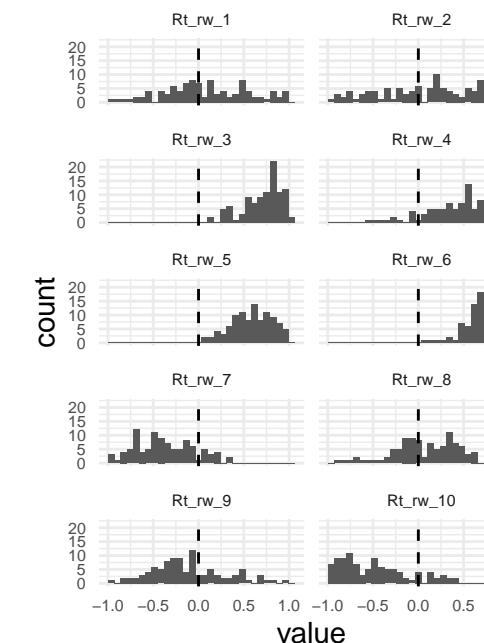
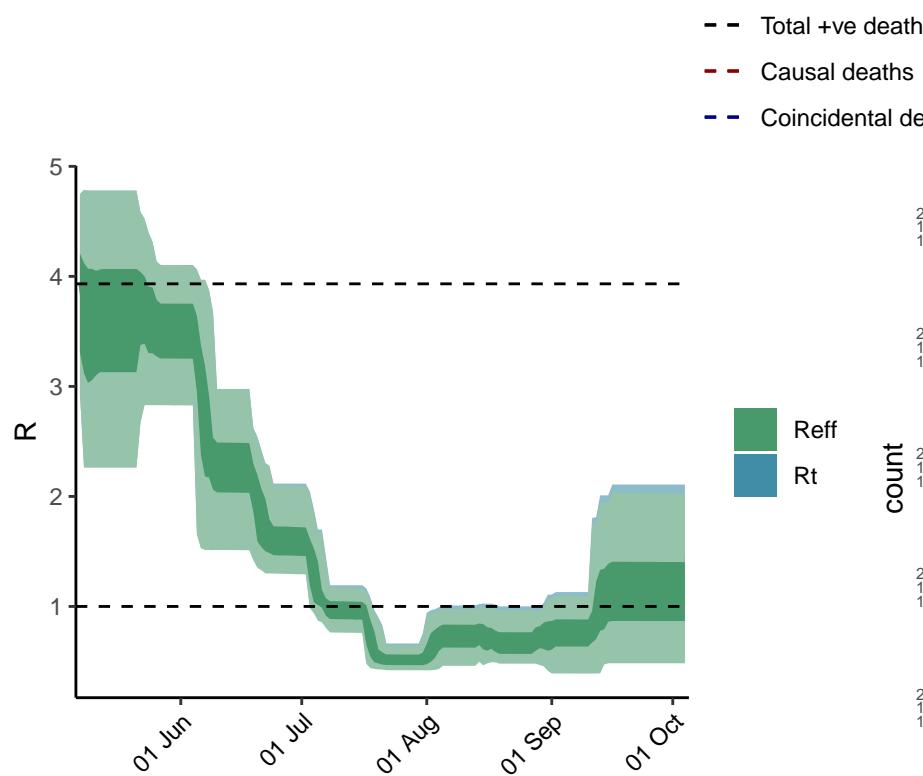
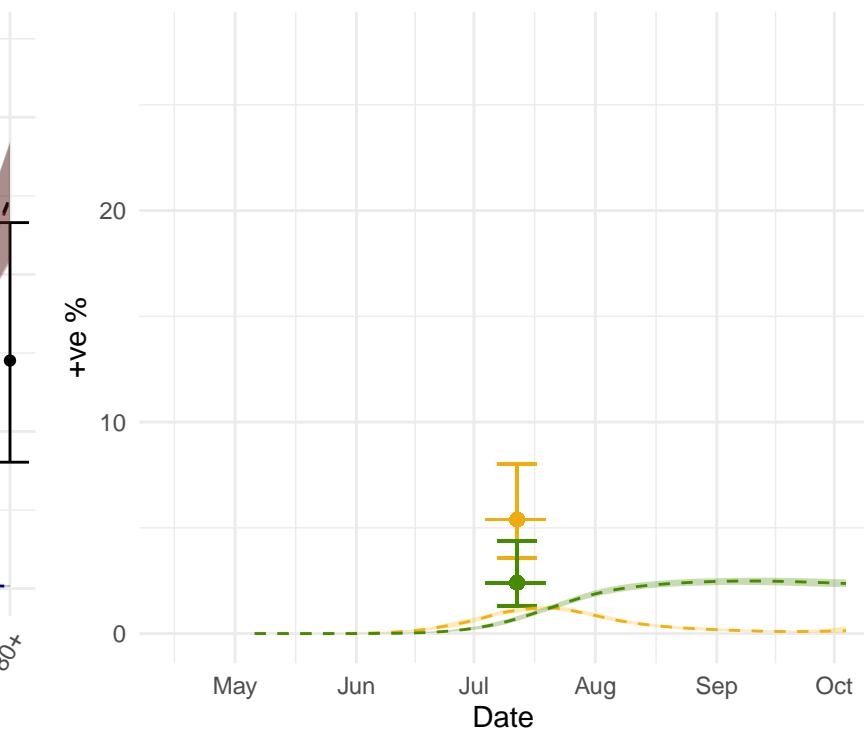
UTH mortuary



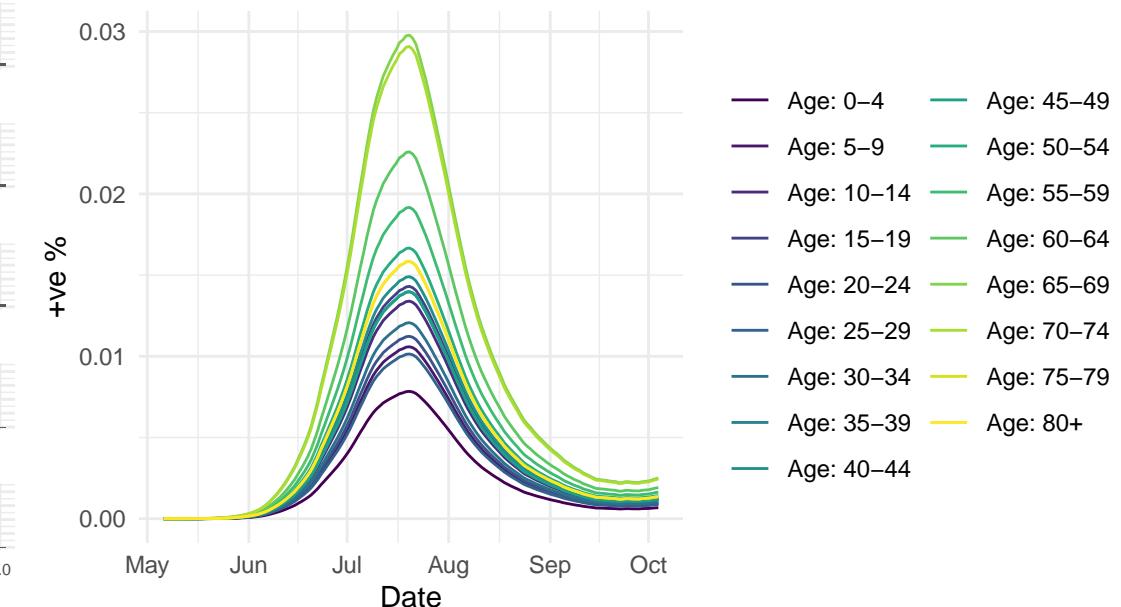
Post-mortem PCR prev. by age
UTH mortuary



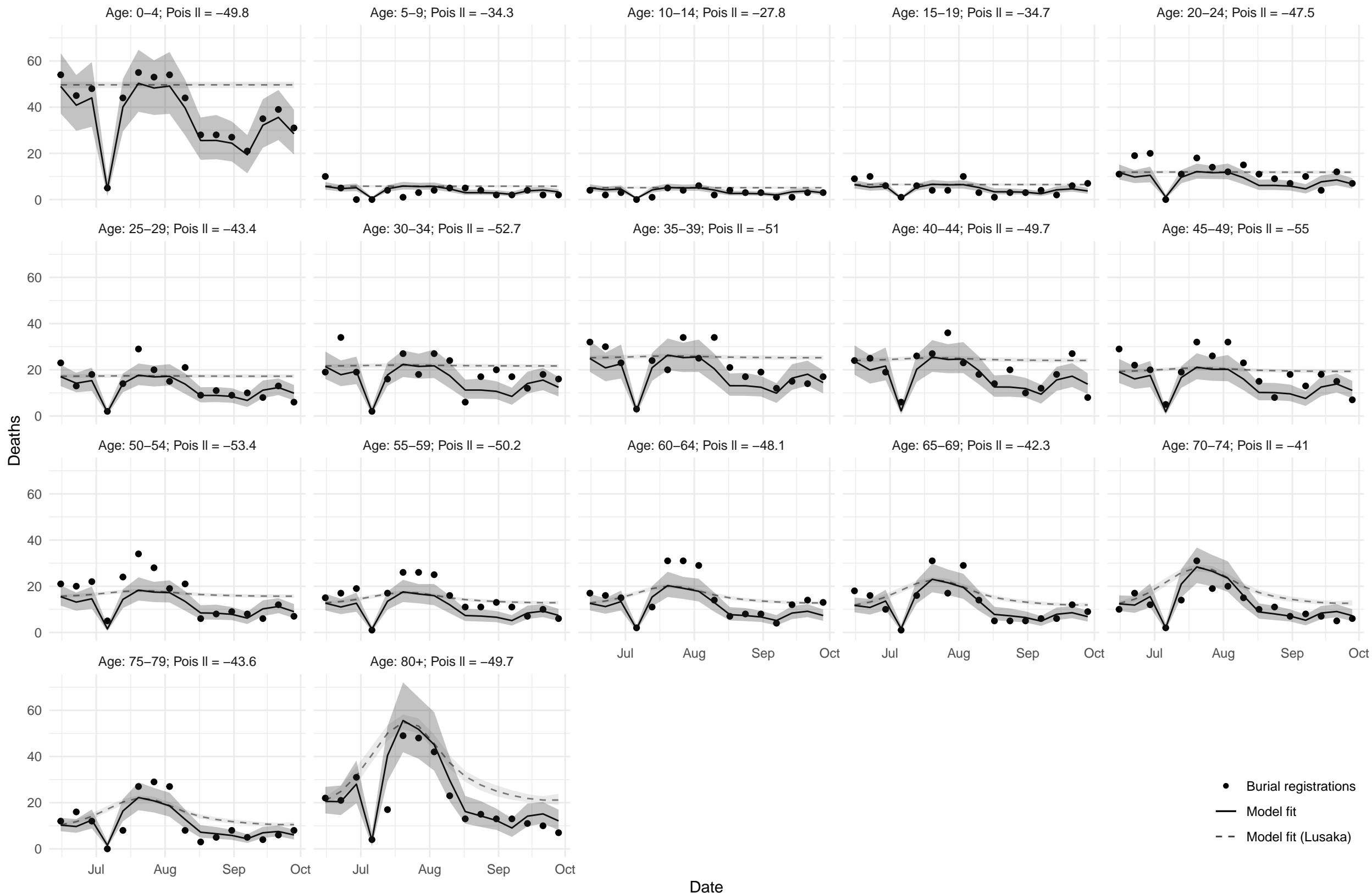
Population prevalence
Lusaka



Modelled PCR %

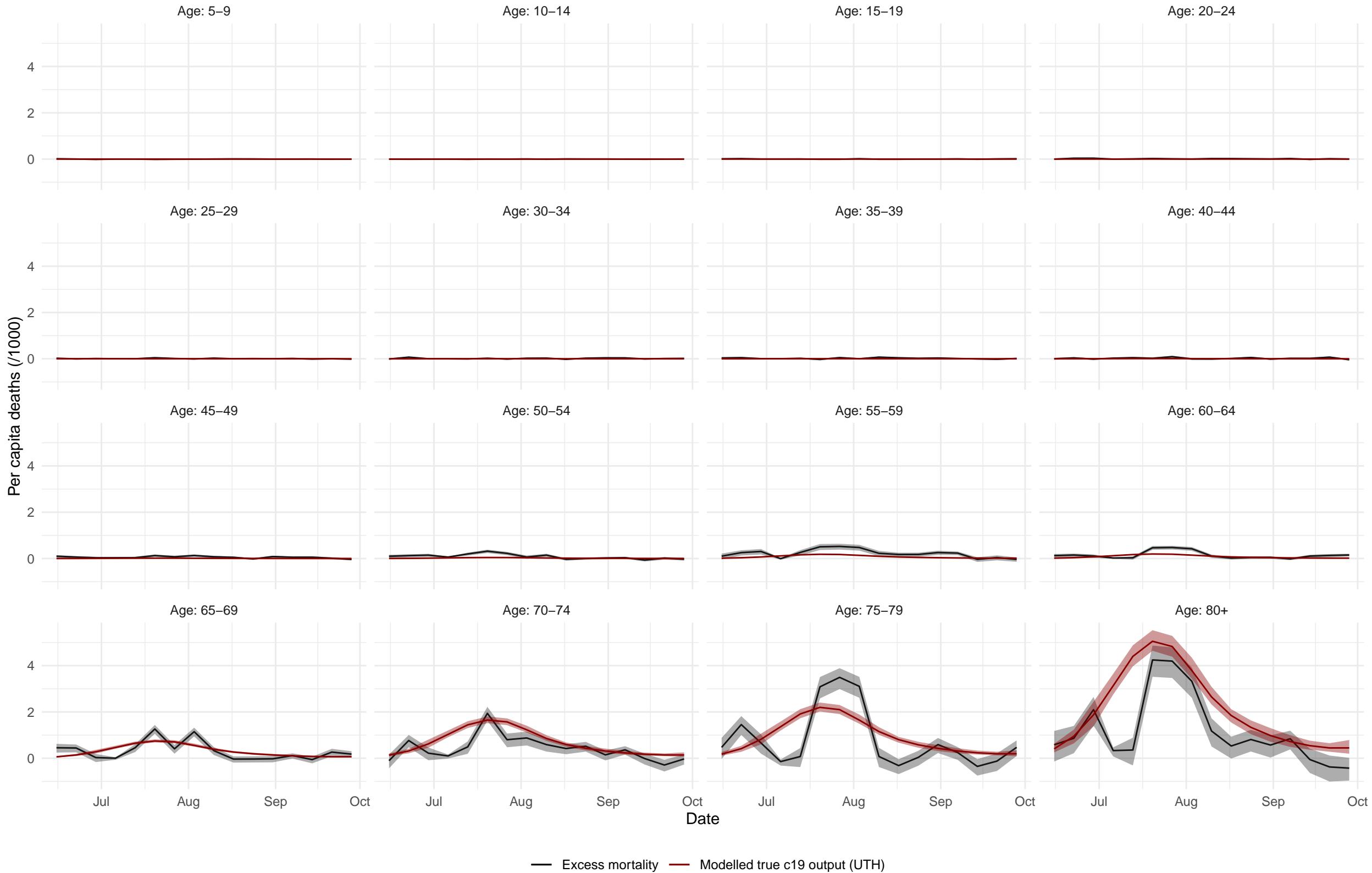


IFR x5, Slope x1.67
Lusaka weekly burial registrations



IFR x 5, Slope x 1.67

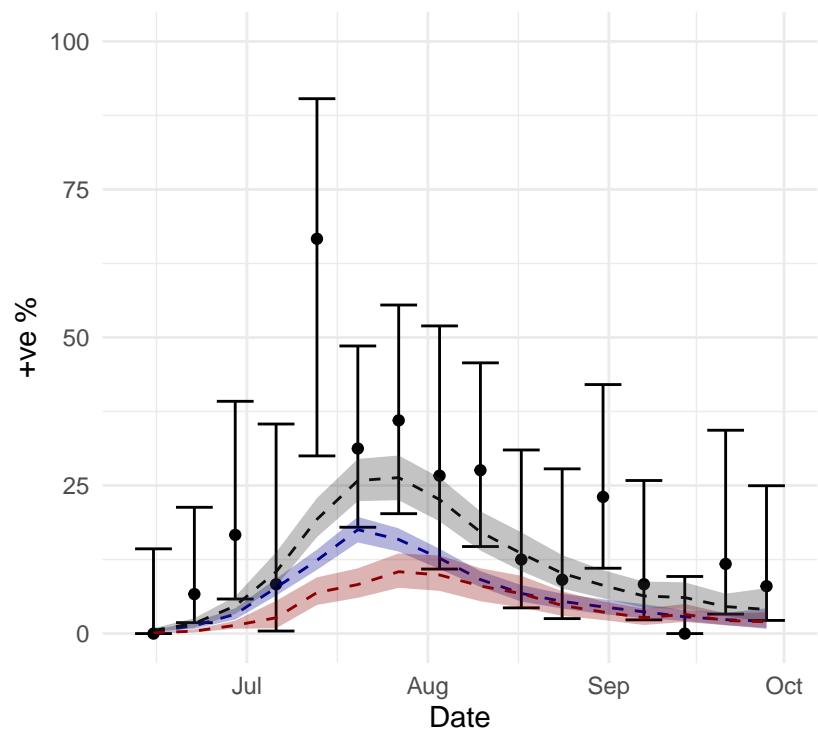
COVID-19 excess mortality: Comparison of MCMC results with squire results



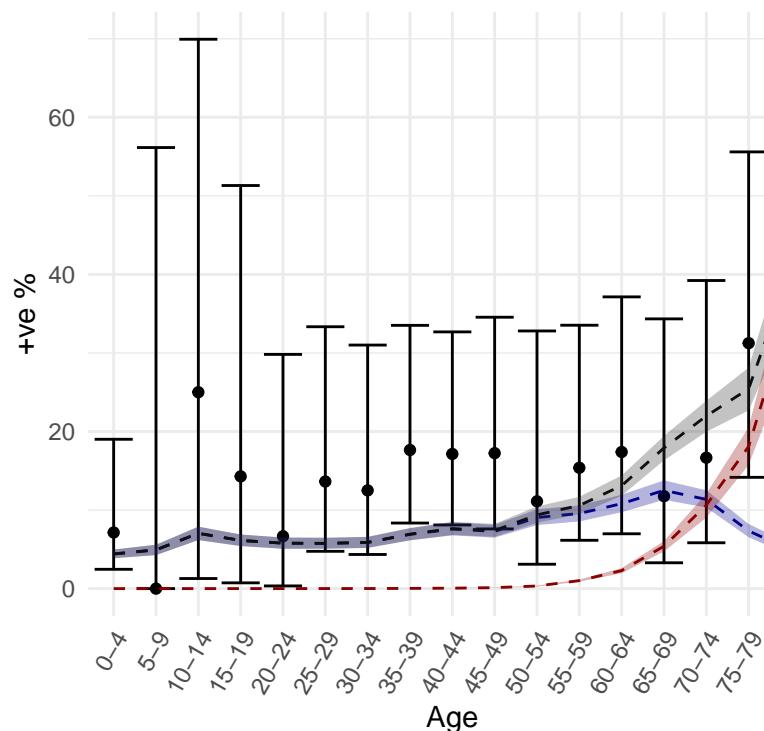
IFR x 0.2, Slope x 2.5

Post-mortem weekly PCR prev.

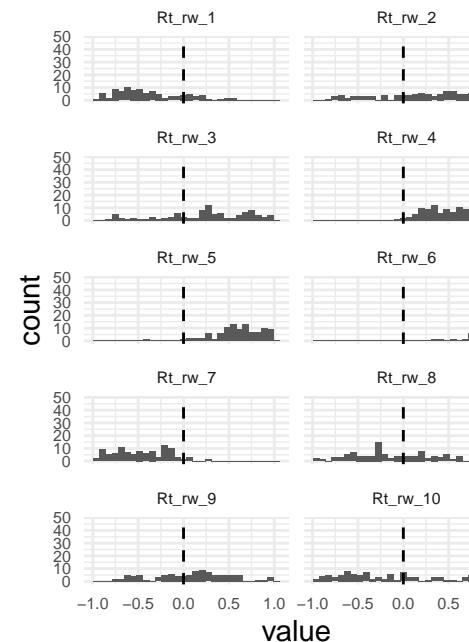
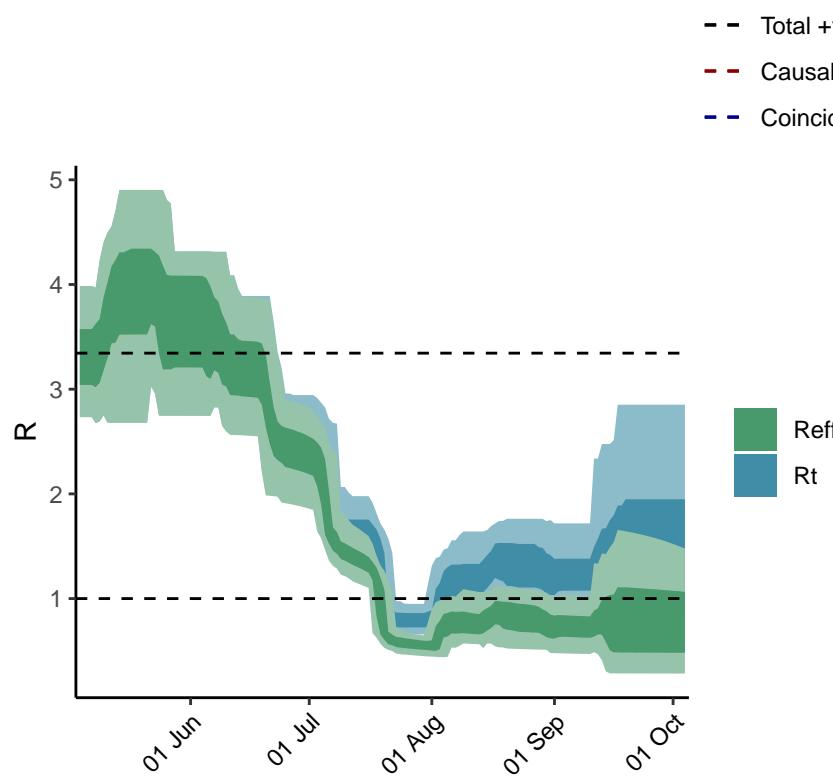
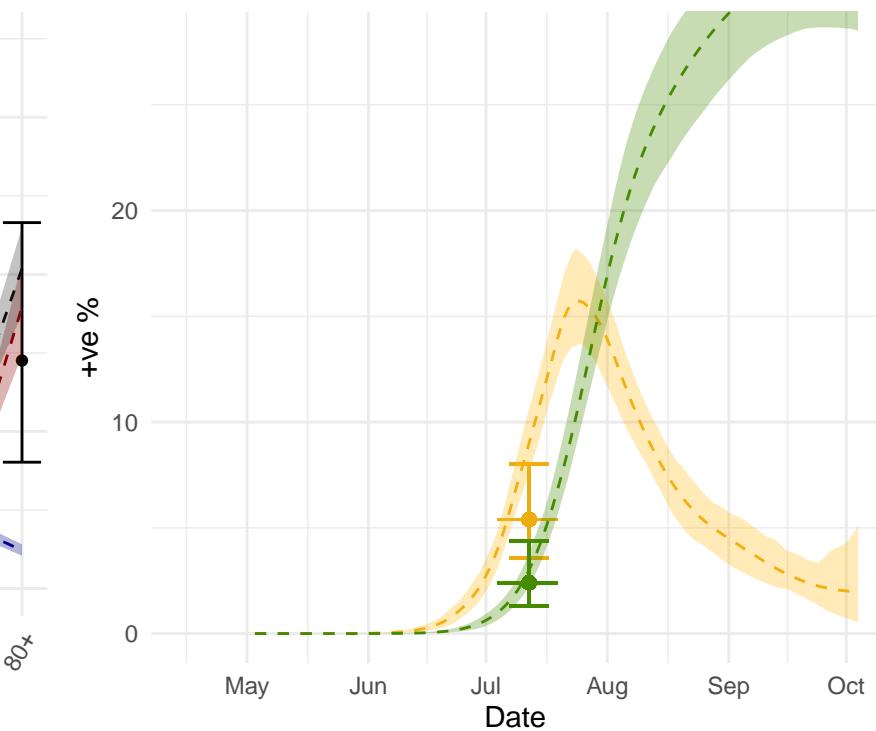
UTH mortuary



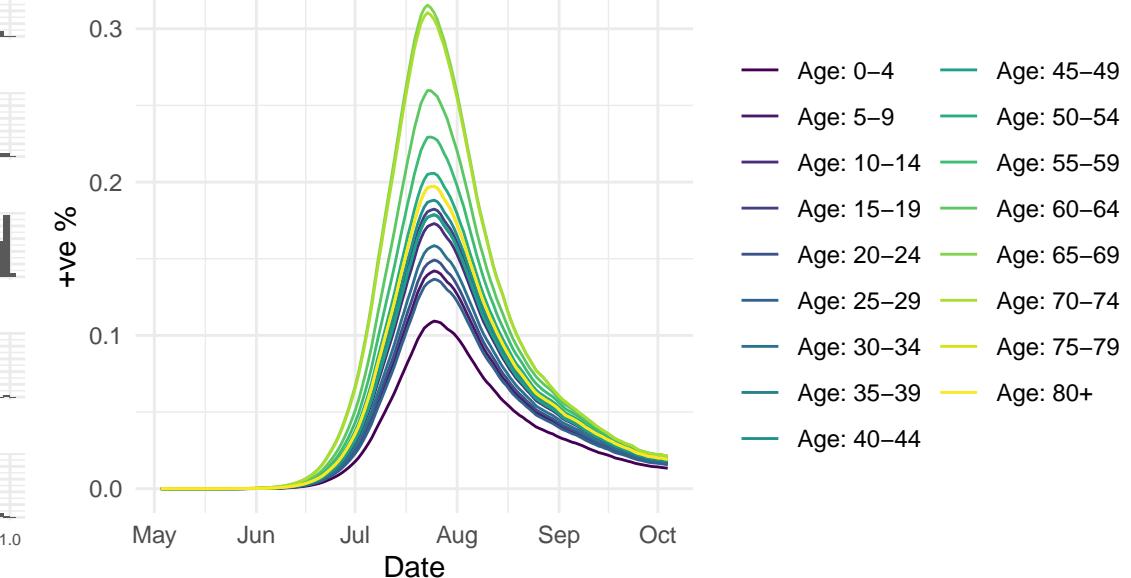
Post-mortem PCR prev. by age
UTH mortuary



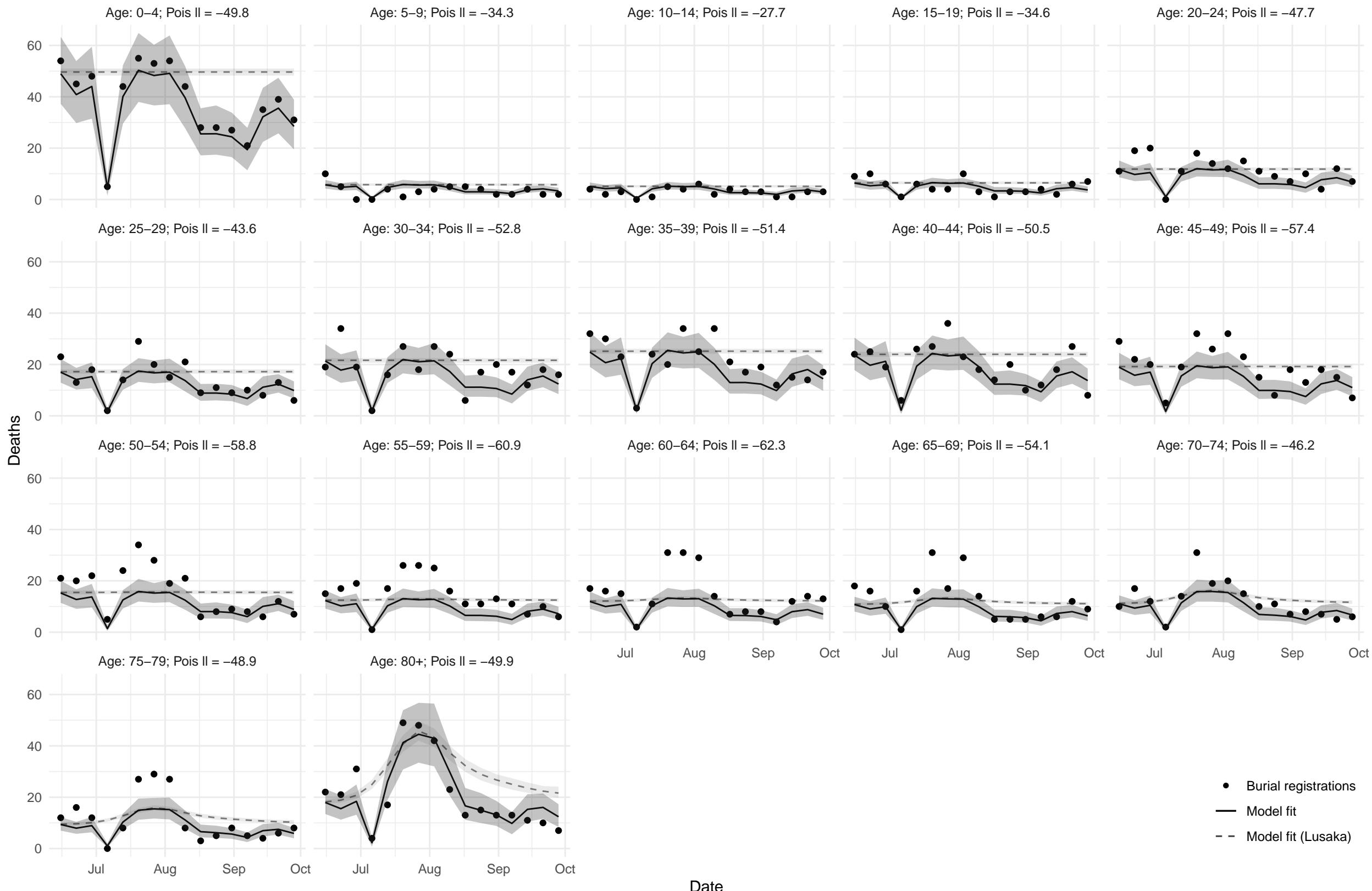
Population prevalence
Lusaka



Modelled PCR %

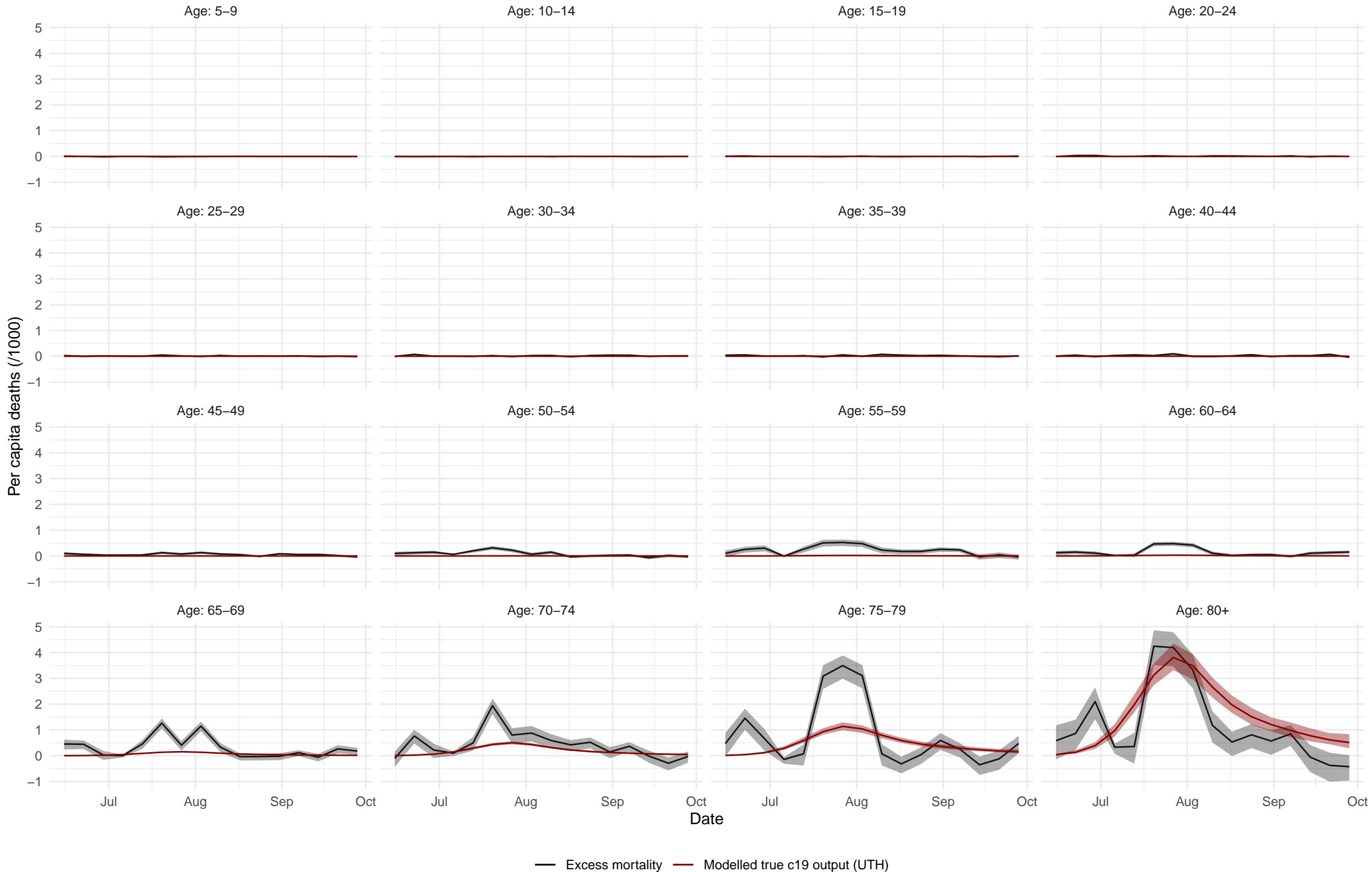


IFR x0.2, Slope x2.5
Lusaka weekly burial registrations



IFR x 0.2, Slope x 2.5

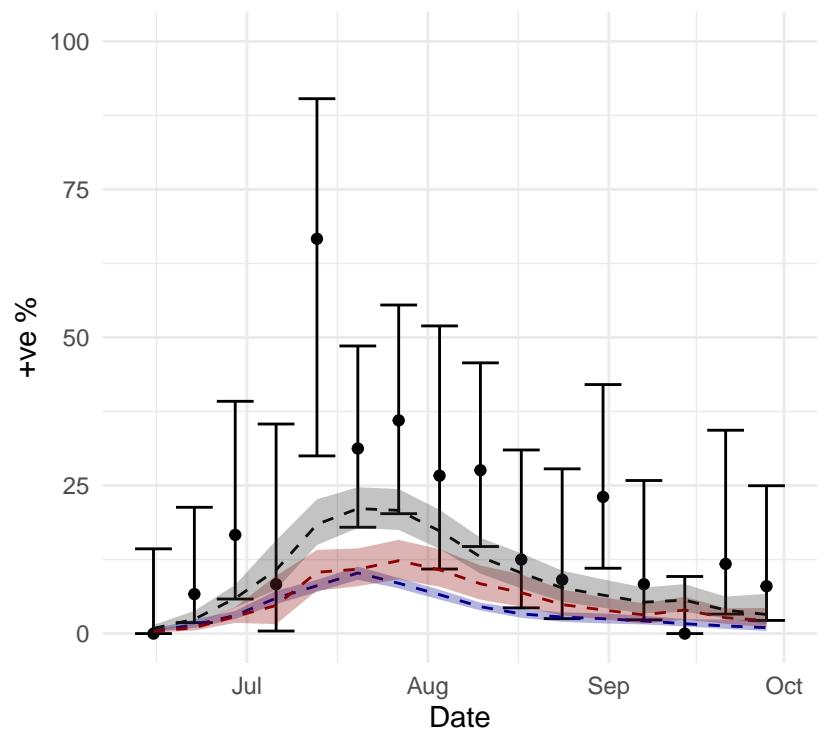
COVID-19 excess mortality: Comparison of MCMC results with squire results



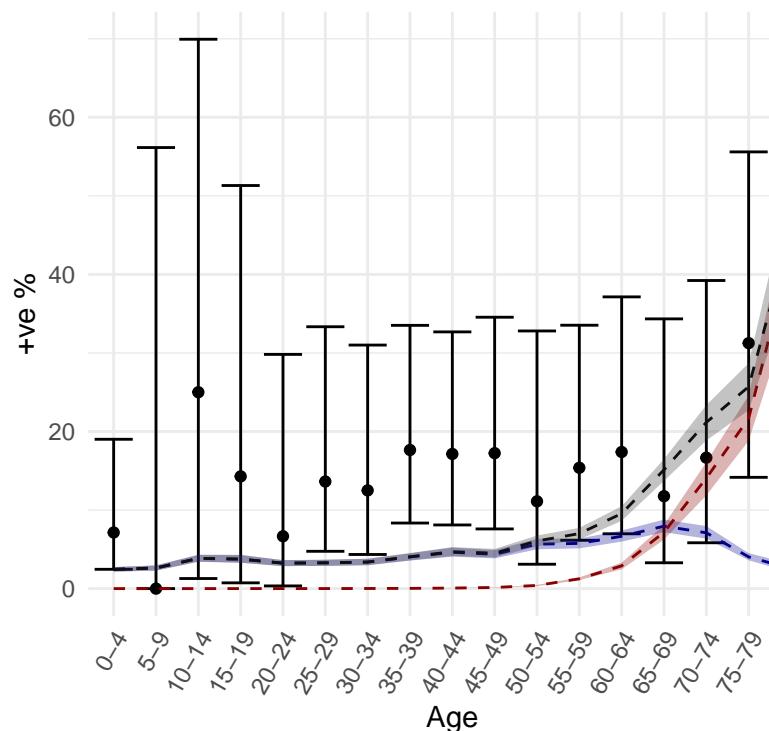
IFR x 0.4, Slope x 2.5

Post-mortem weekly PCR prev.

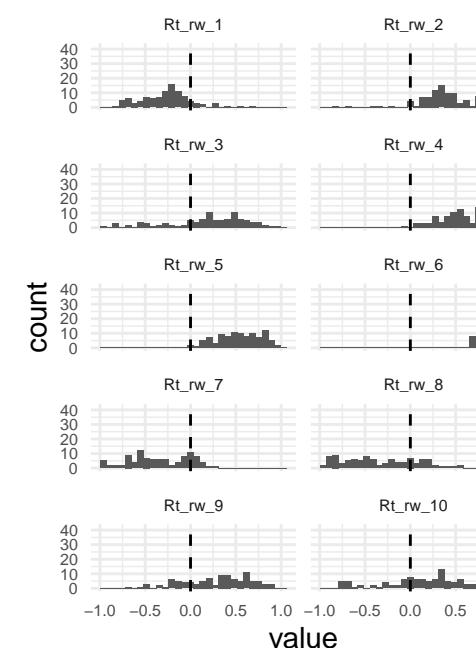
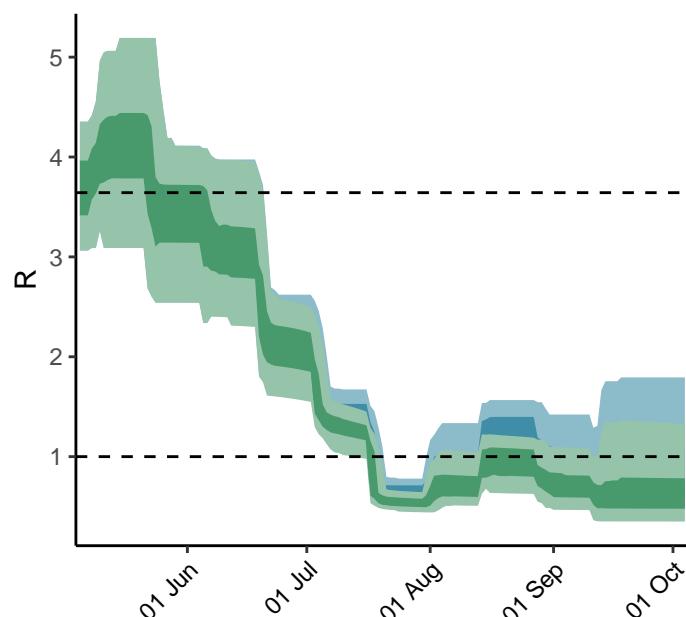
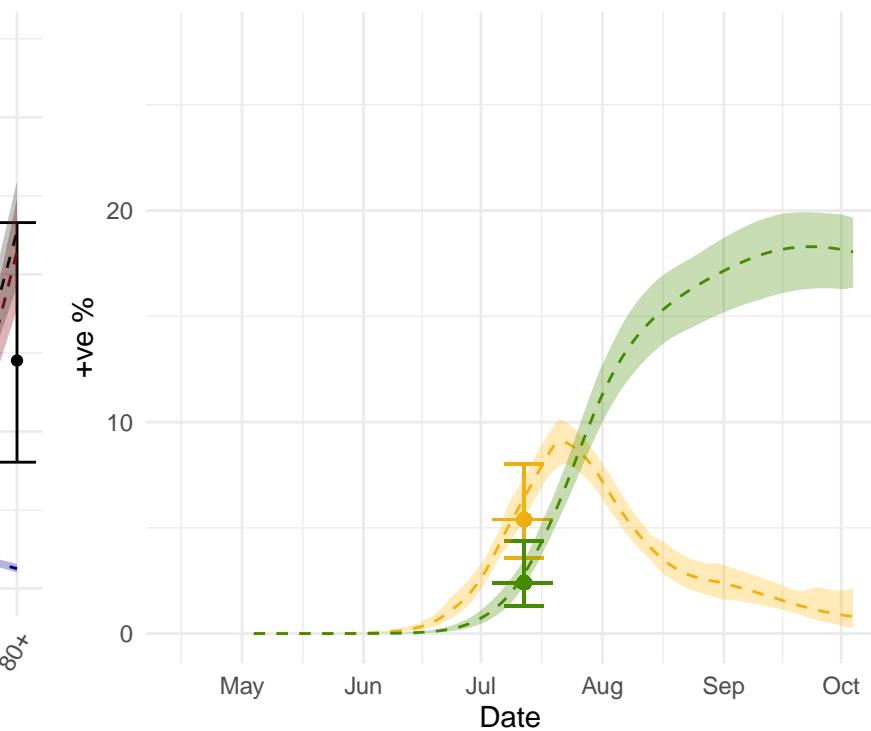
UTH mortuary



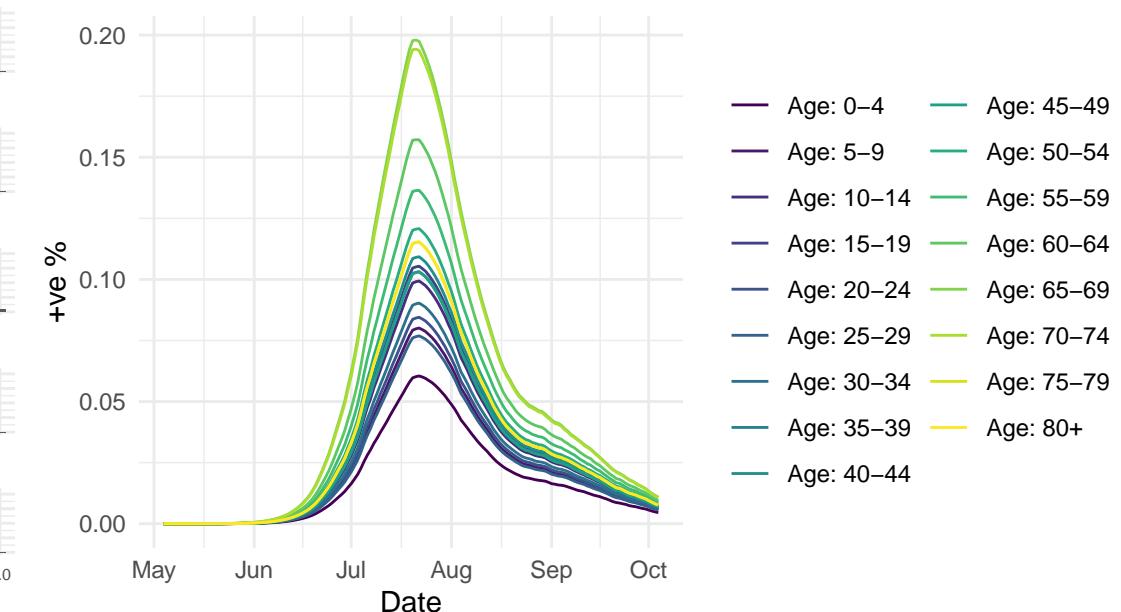
Post-mortem PCR prev. by age
UTH mortuary



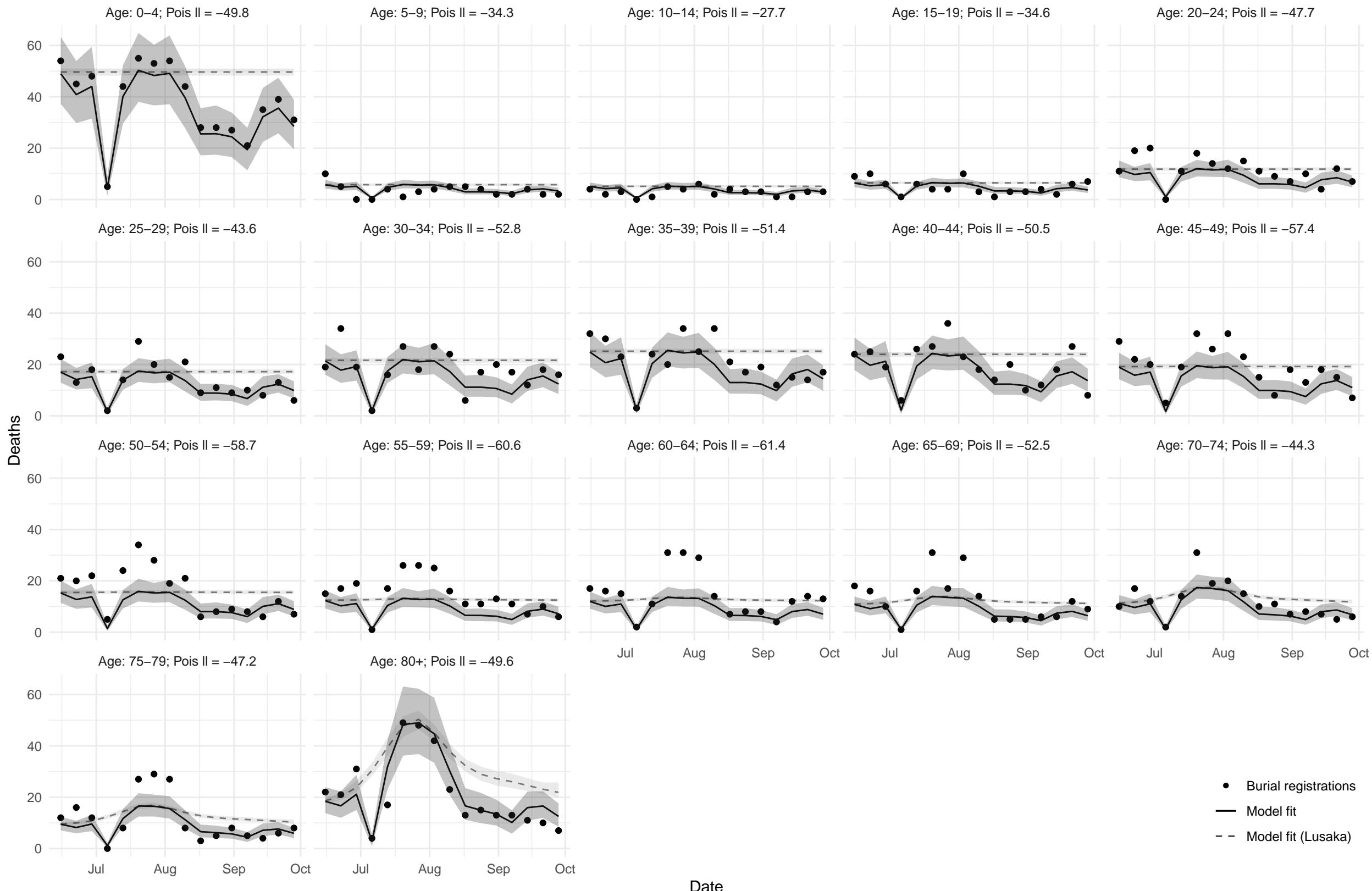
Population prevalence
Lusaka



Modelled PCR %

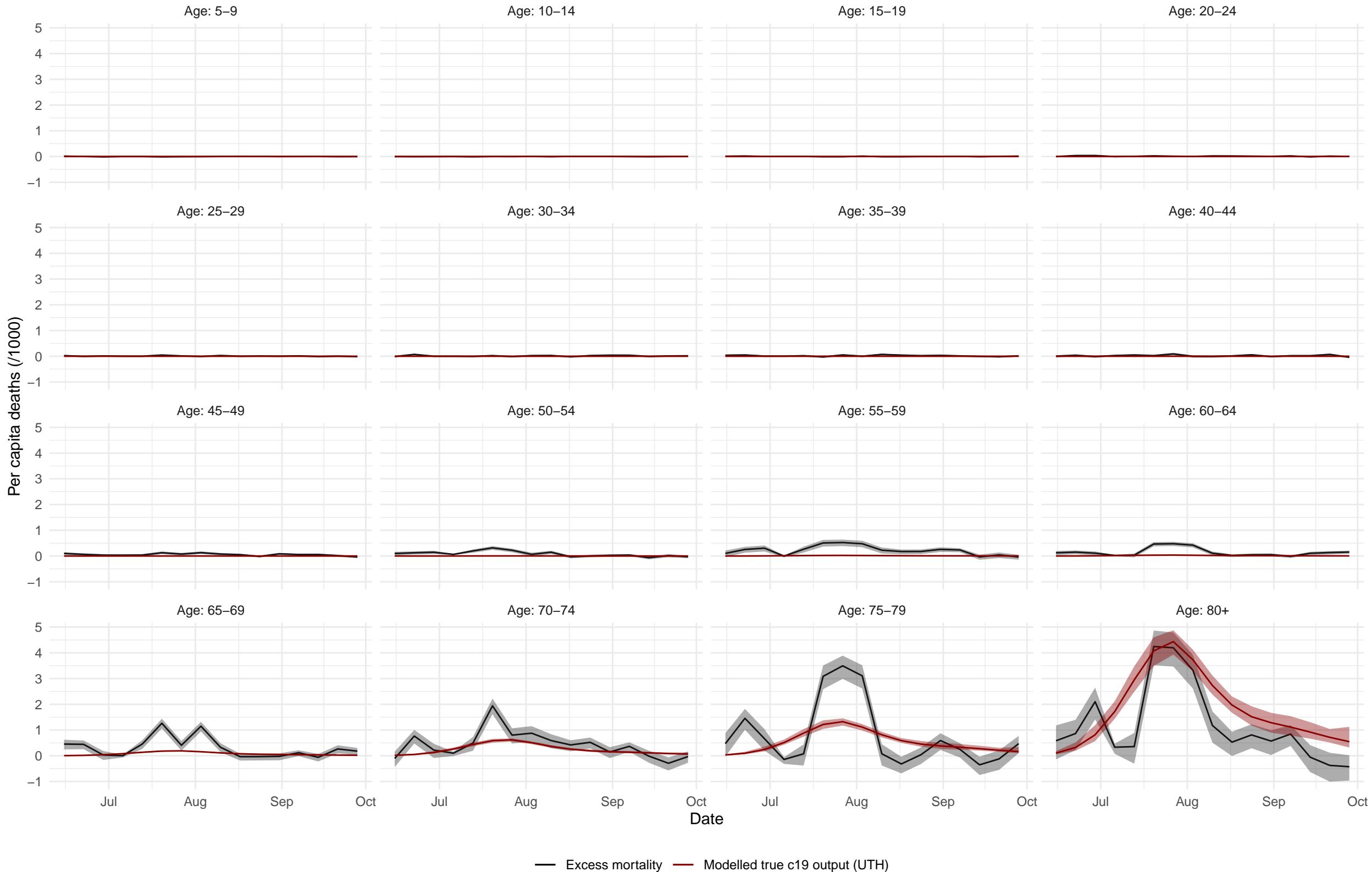


IFR x0.4, Slope x2.5
Lusaka weekly burial registrations



IFR x 0.4, Slope x 2.5

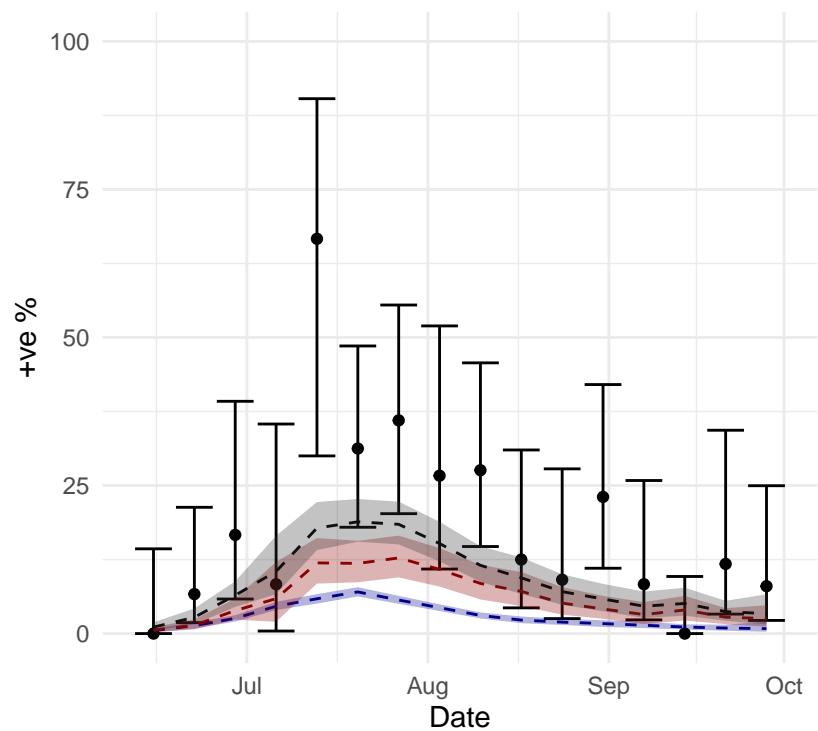
COVID-19 excess mortality: Comparison of MCMC results with squire results



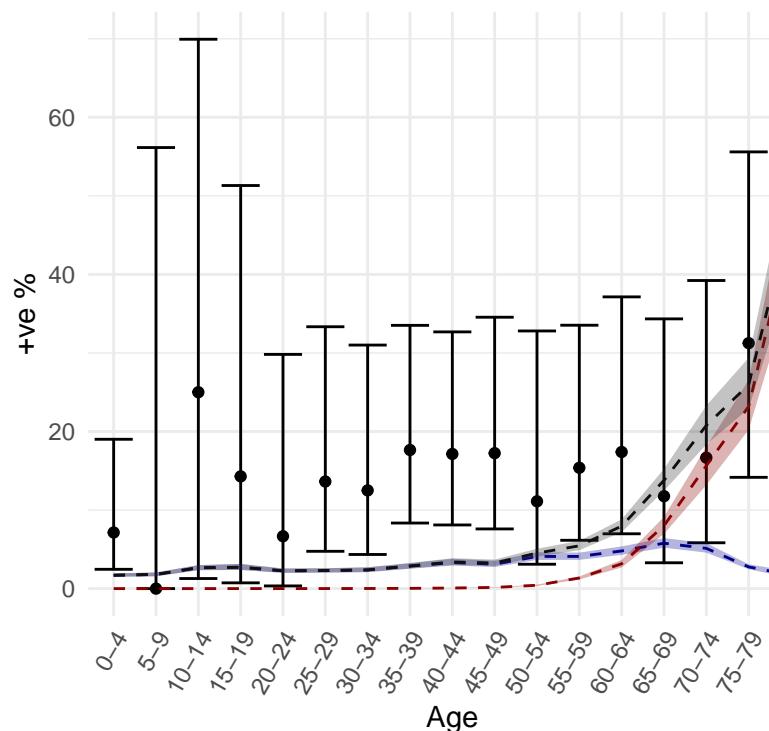
IFR x 0.6, Slope x 2.5

Post-mortem weekly PCR prev.

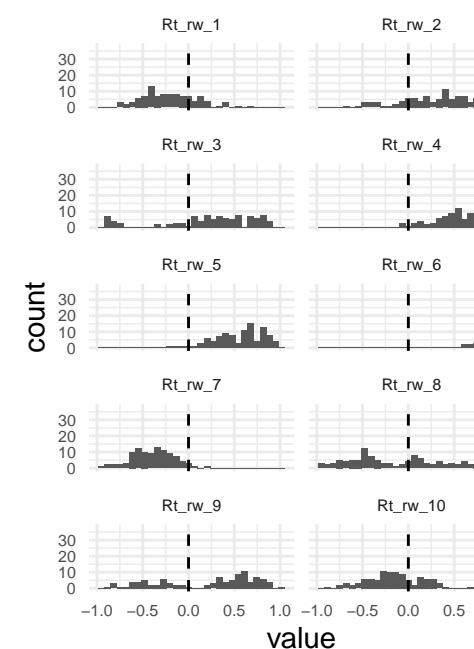
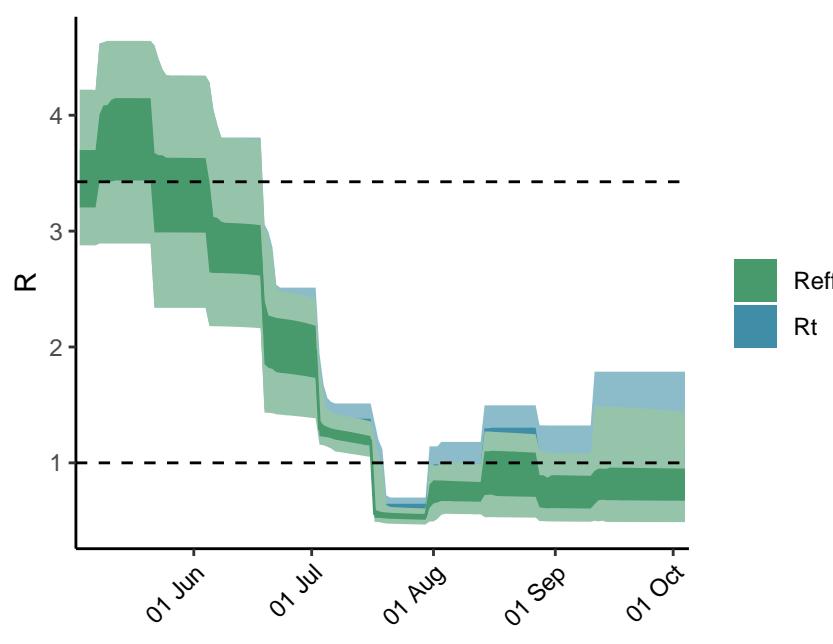
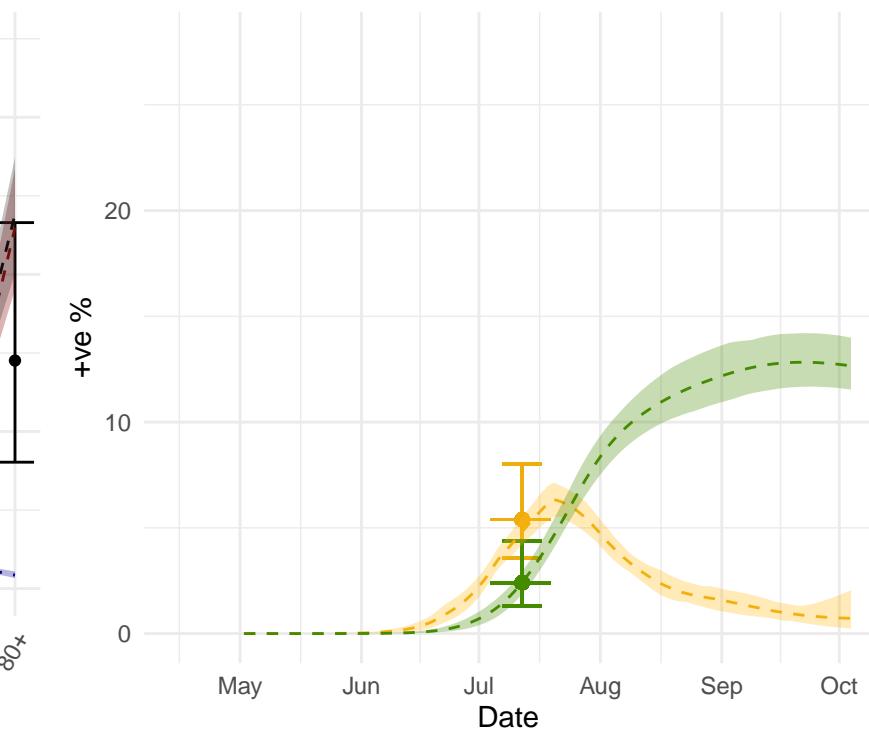
UTH mortuary



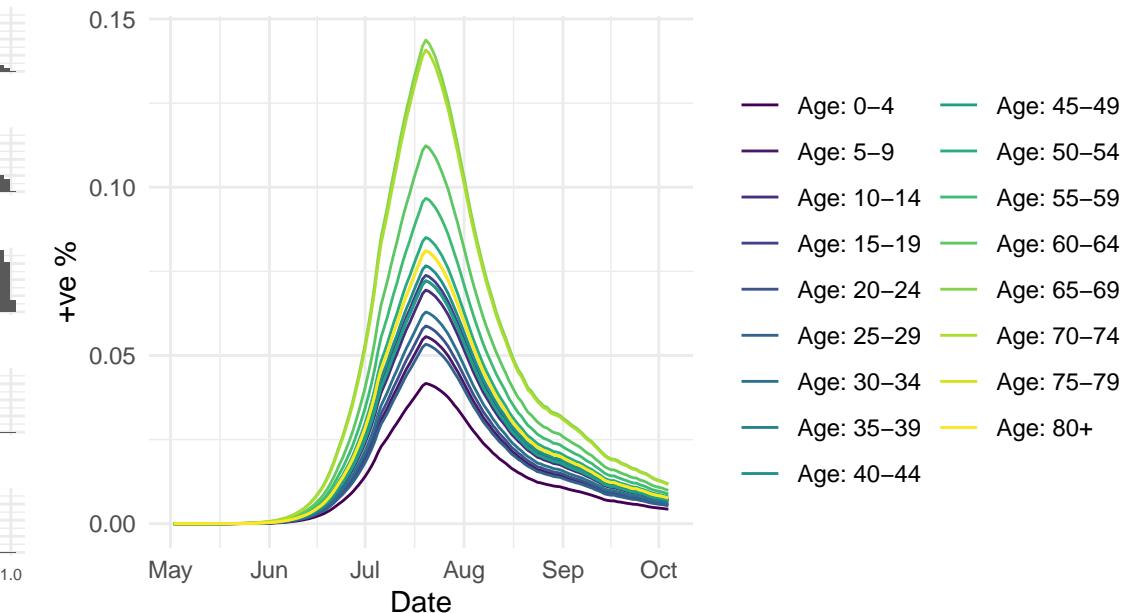
Post-mortem PCR prev. by age
UTH mortuary



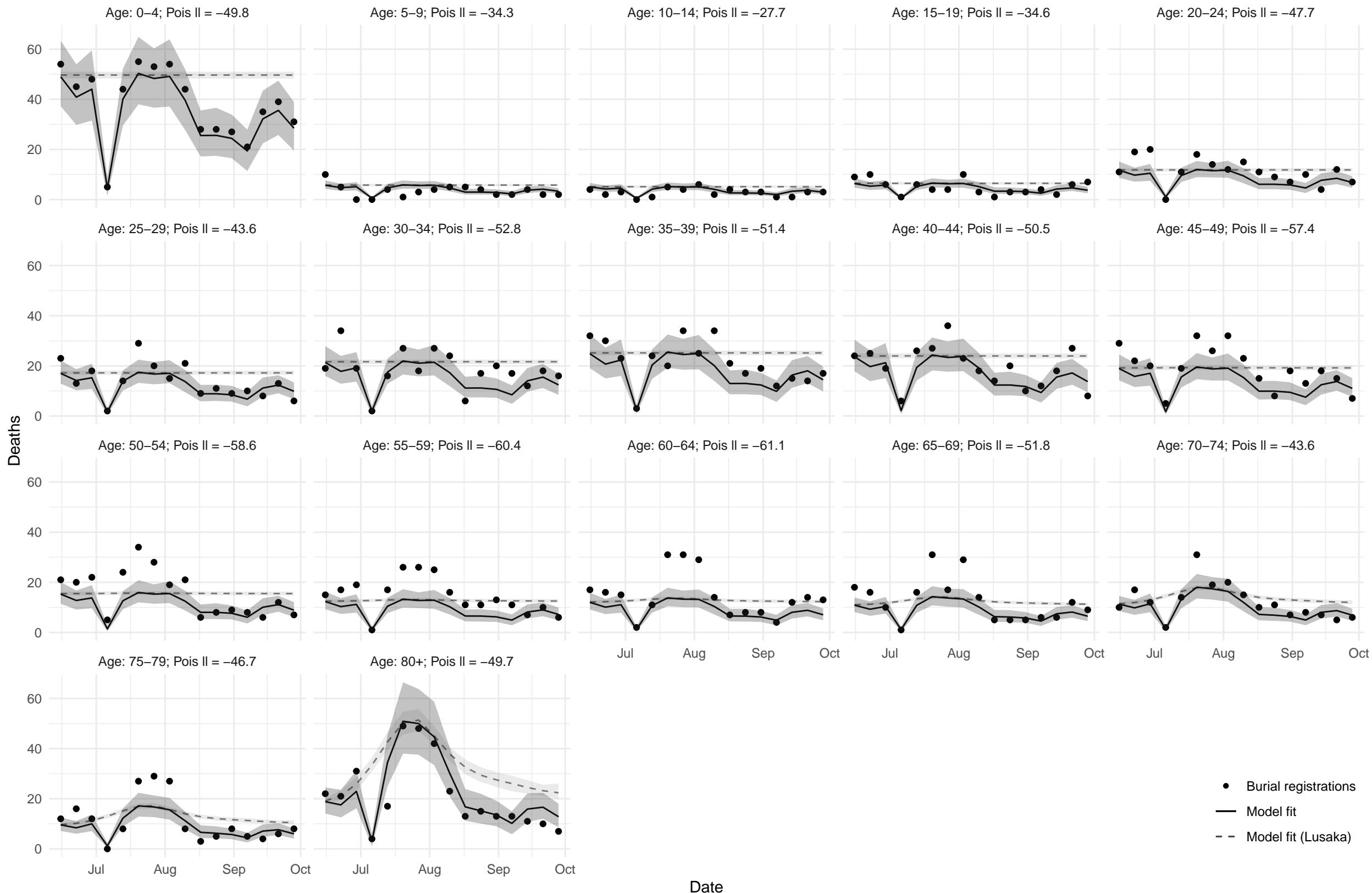
Population prevalence
Lusaka



Modelled PCR %



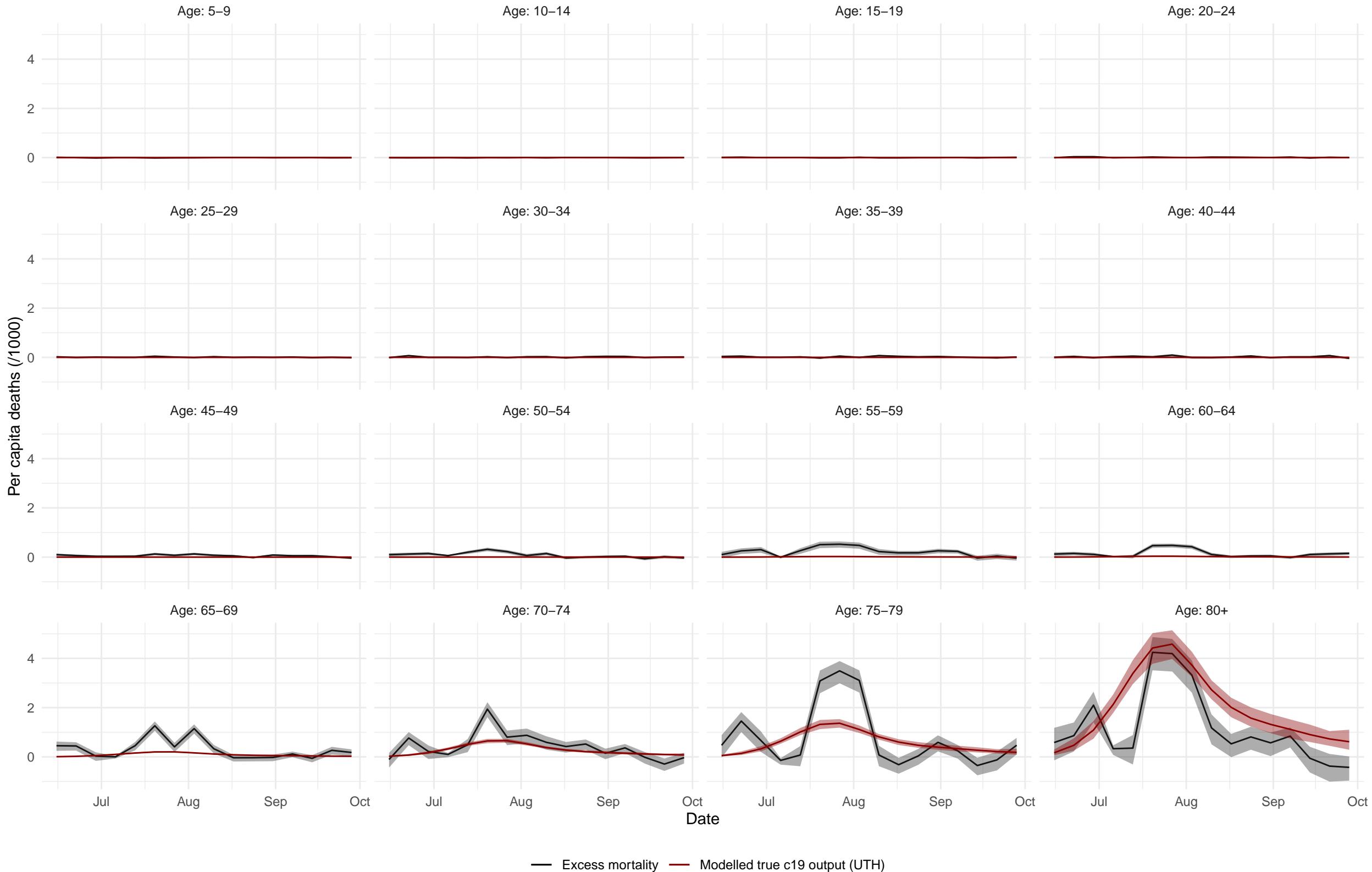
IFR x0.6, Slope x2.5
Lusaka weekly burial registrations



- Burial registrations
- Model fit
- Model fit (Lusaka)

IFR x 0.6, Slope x 2.5

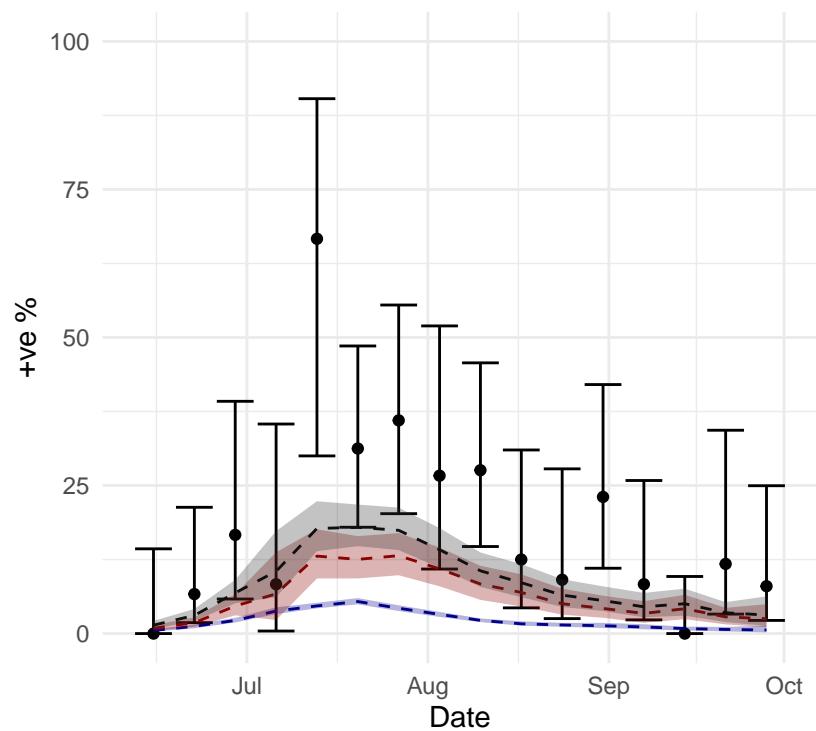
COVID-19 excess mortality: Comparison of MCMC results with squire results



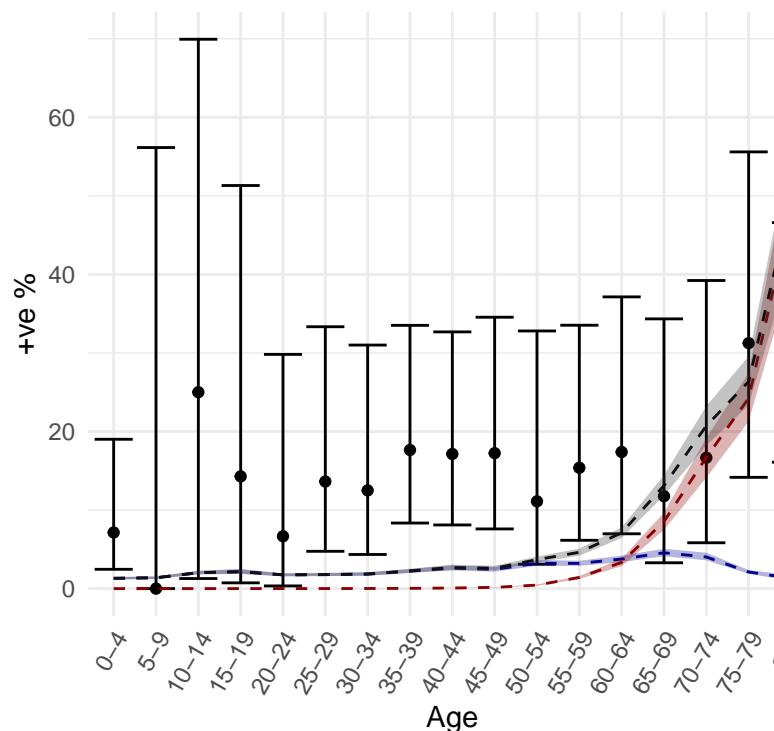
IFR x 0.8, Slope x 2.5

Post-mortem weekly PCR prev.

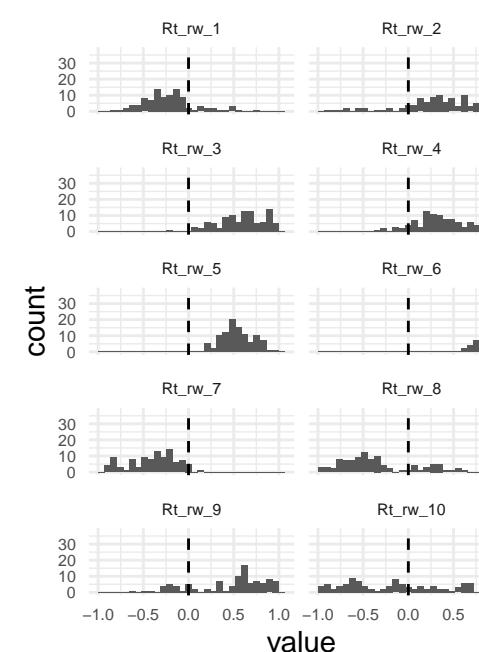
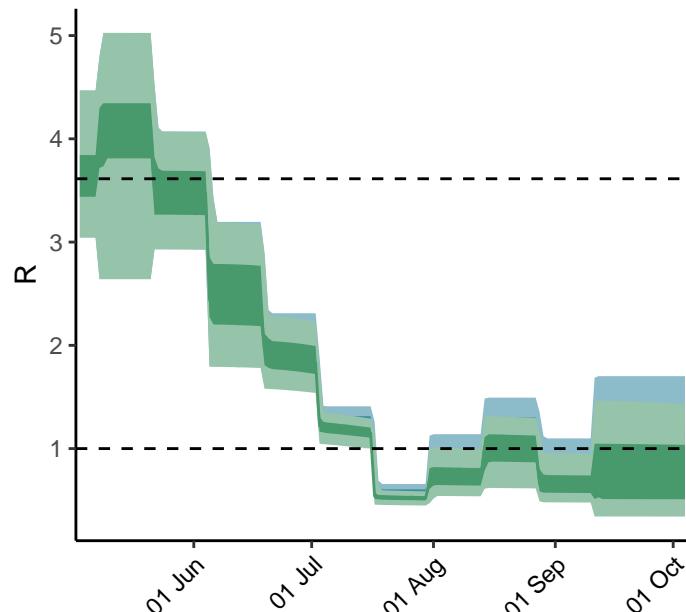
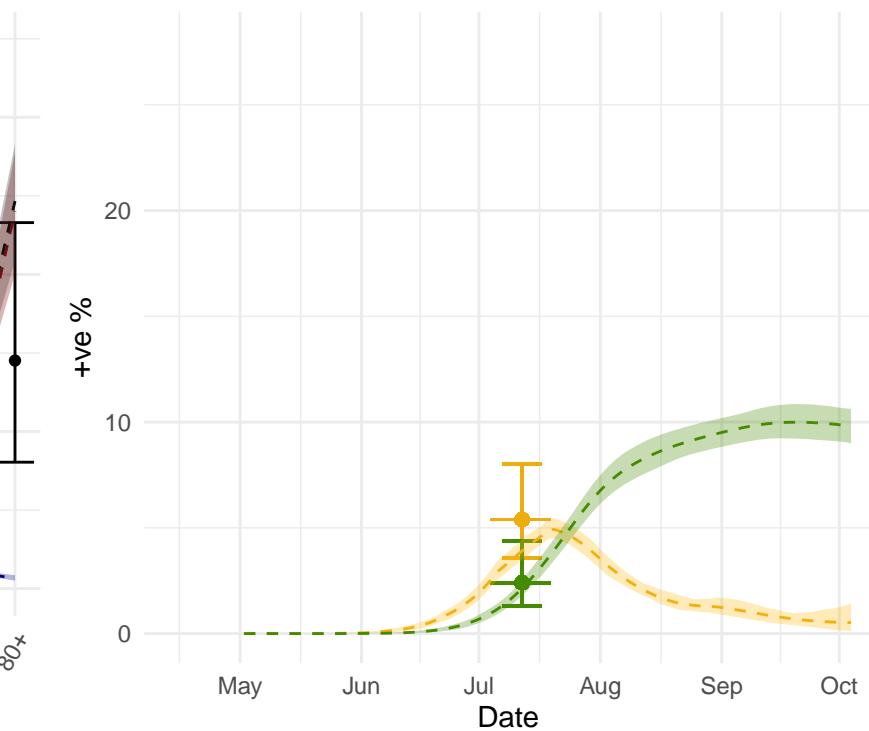
UTH mortuary



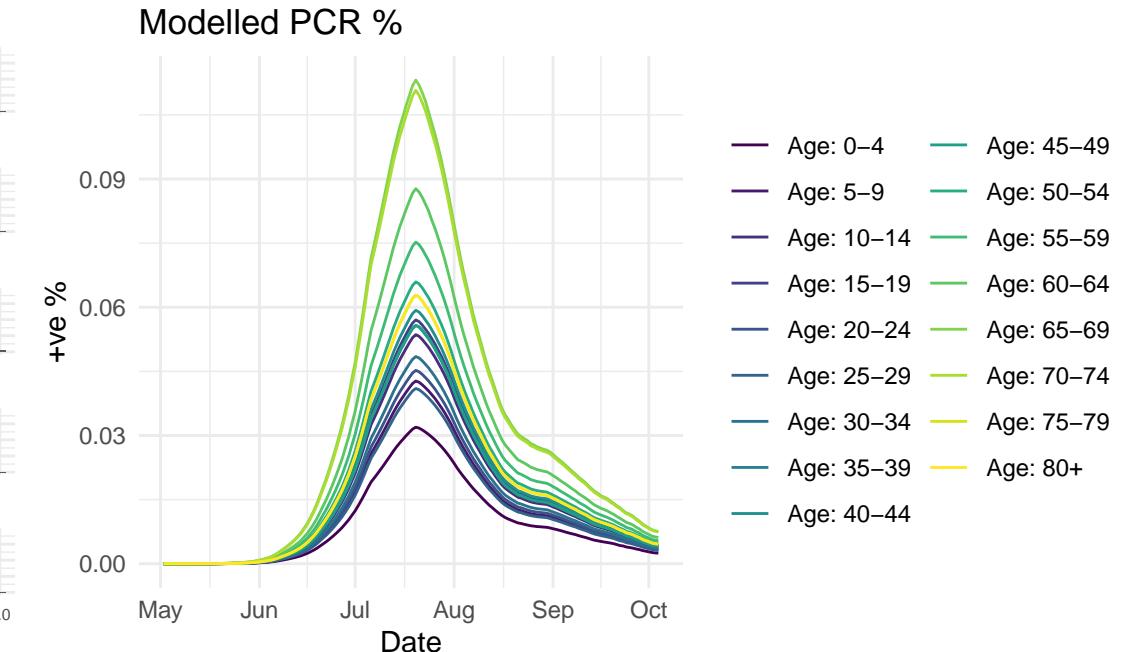
Post-mortem PCR prev. by age
UTH mortuary



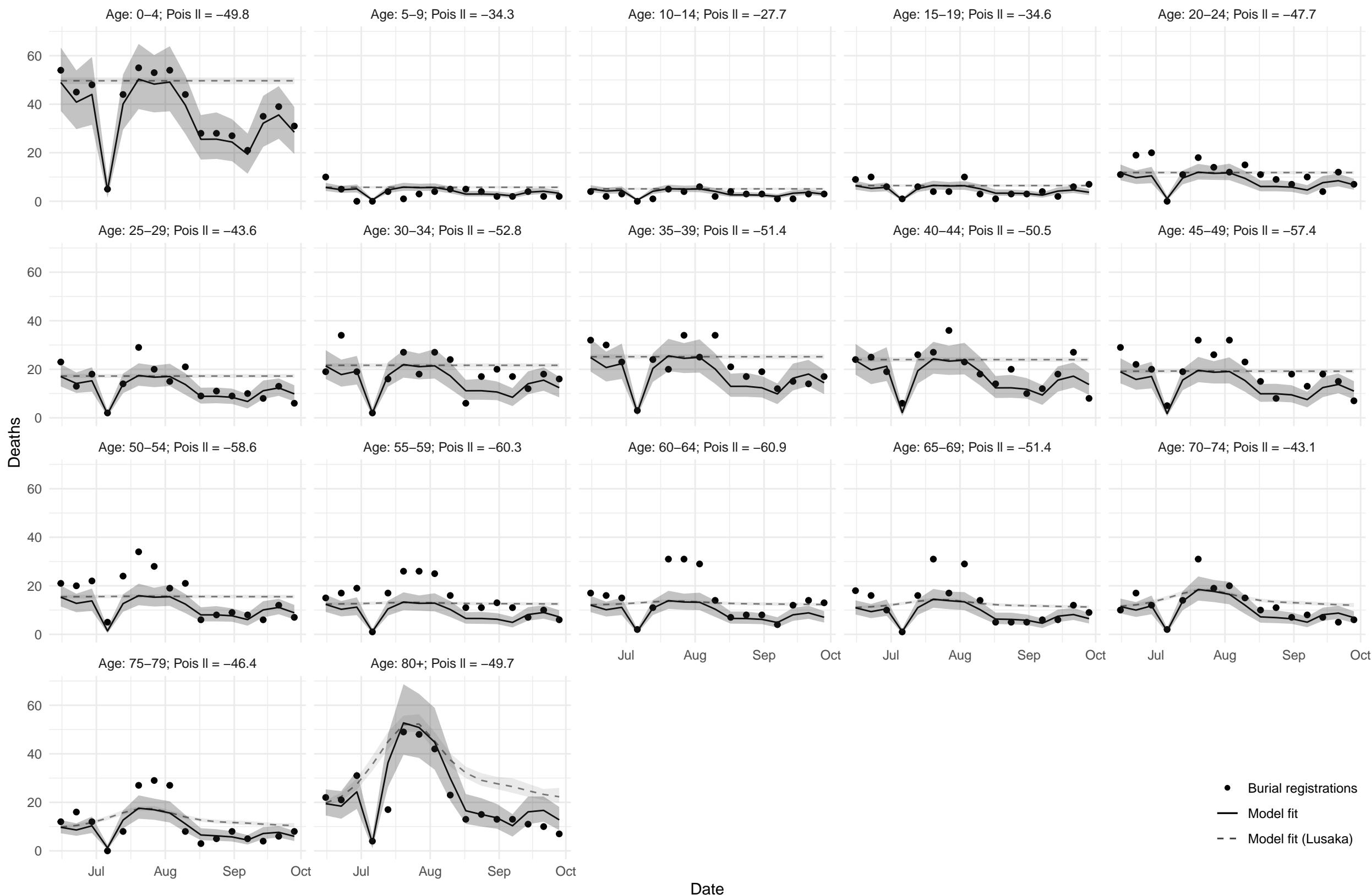
Population prevalence
Lusaka



Modelled PCR %

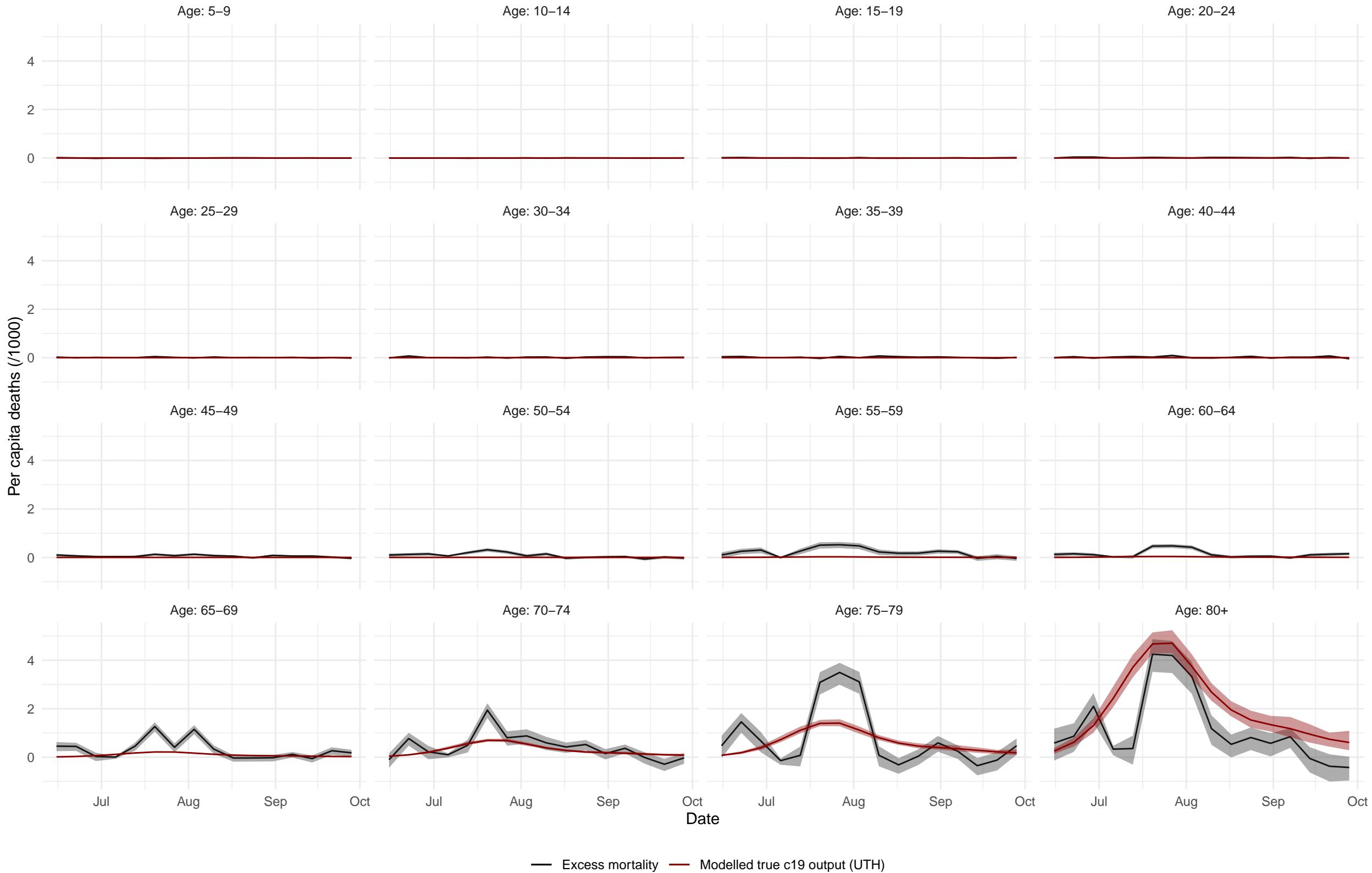


IFR x0.8, Slope x2.5
Lusaka weekly burial registrations



IFR x 0.8, Slope x 2.5

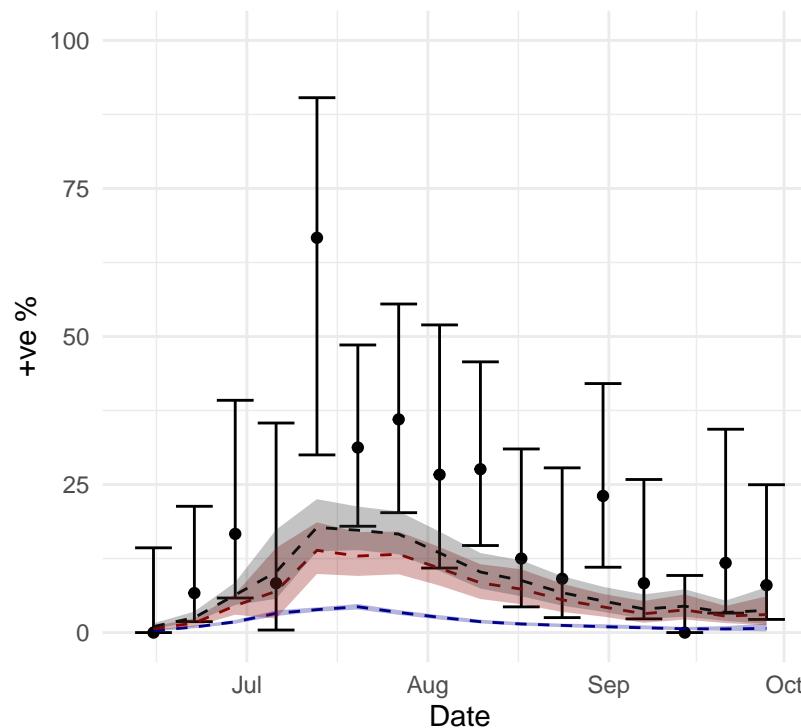
COVID-19 excess mortality: Comparison of MCMC results with squire results



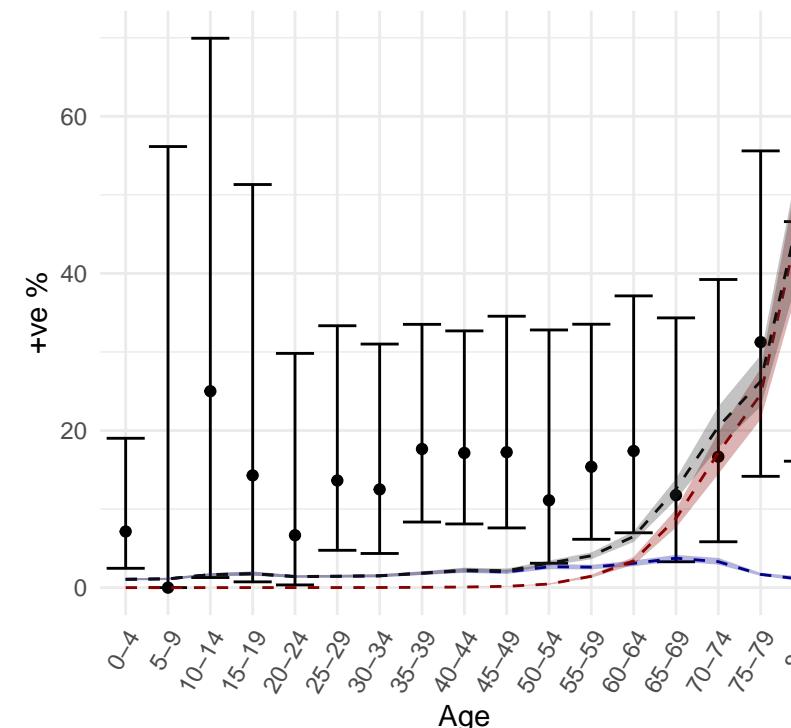
IFR x 1, Slope x 2.5

Post-mortem weekly PCR prev.

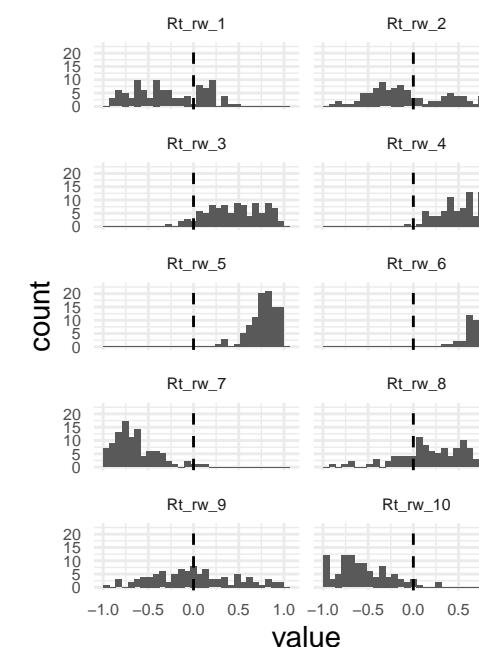
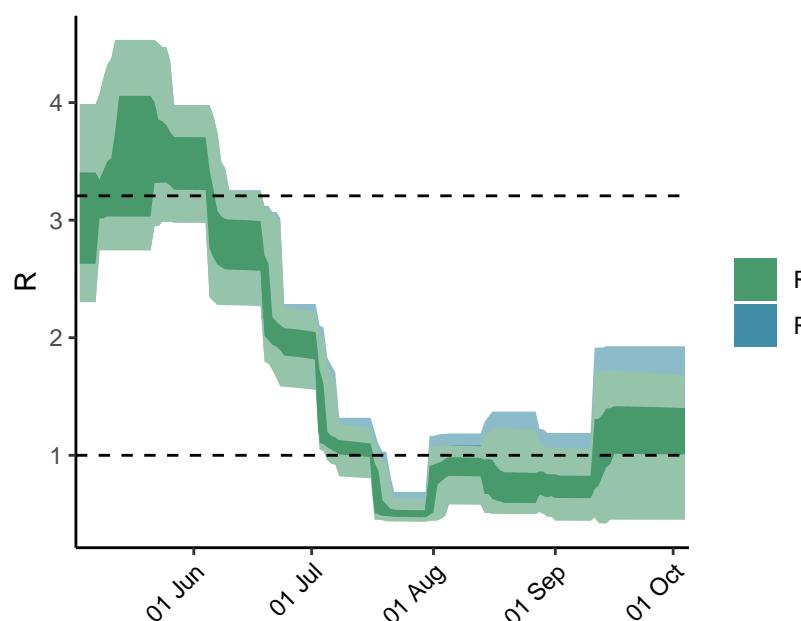
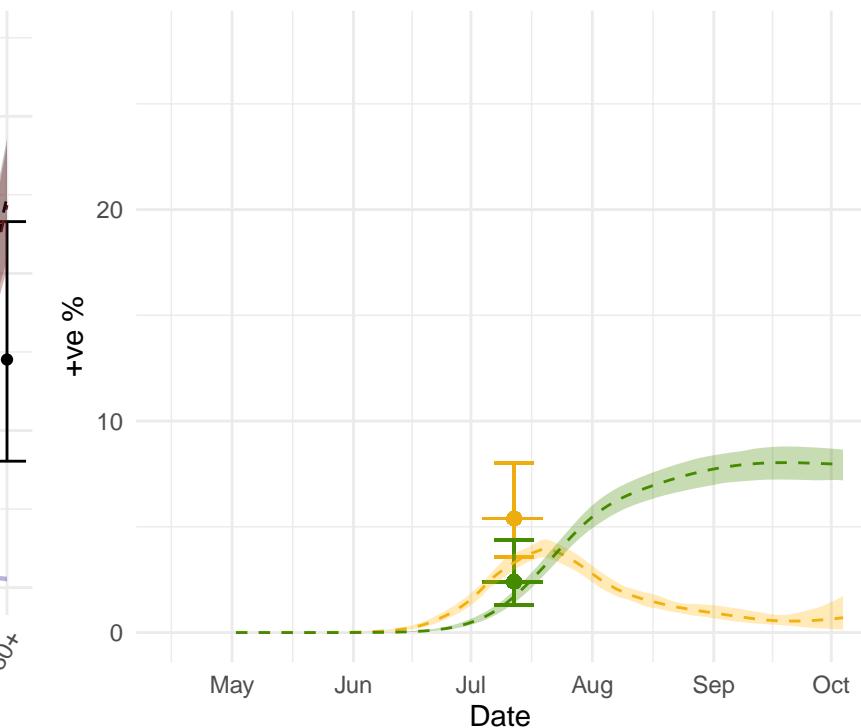
UTH mortuary



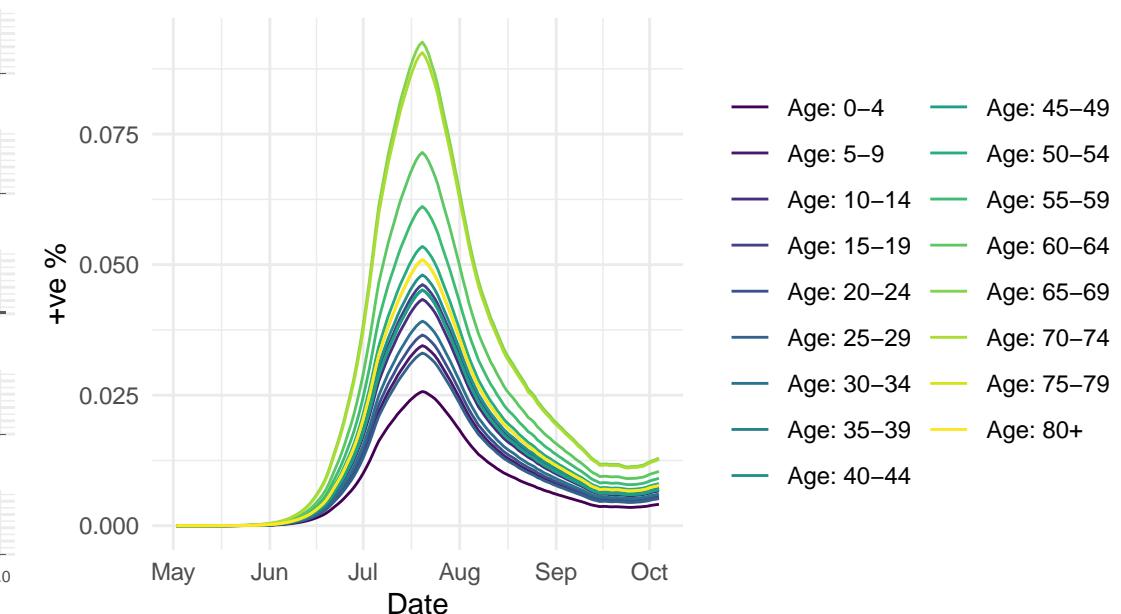
Post-mortem PCR prev. by age
UTH mortuary



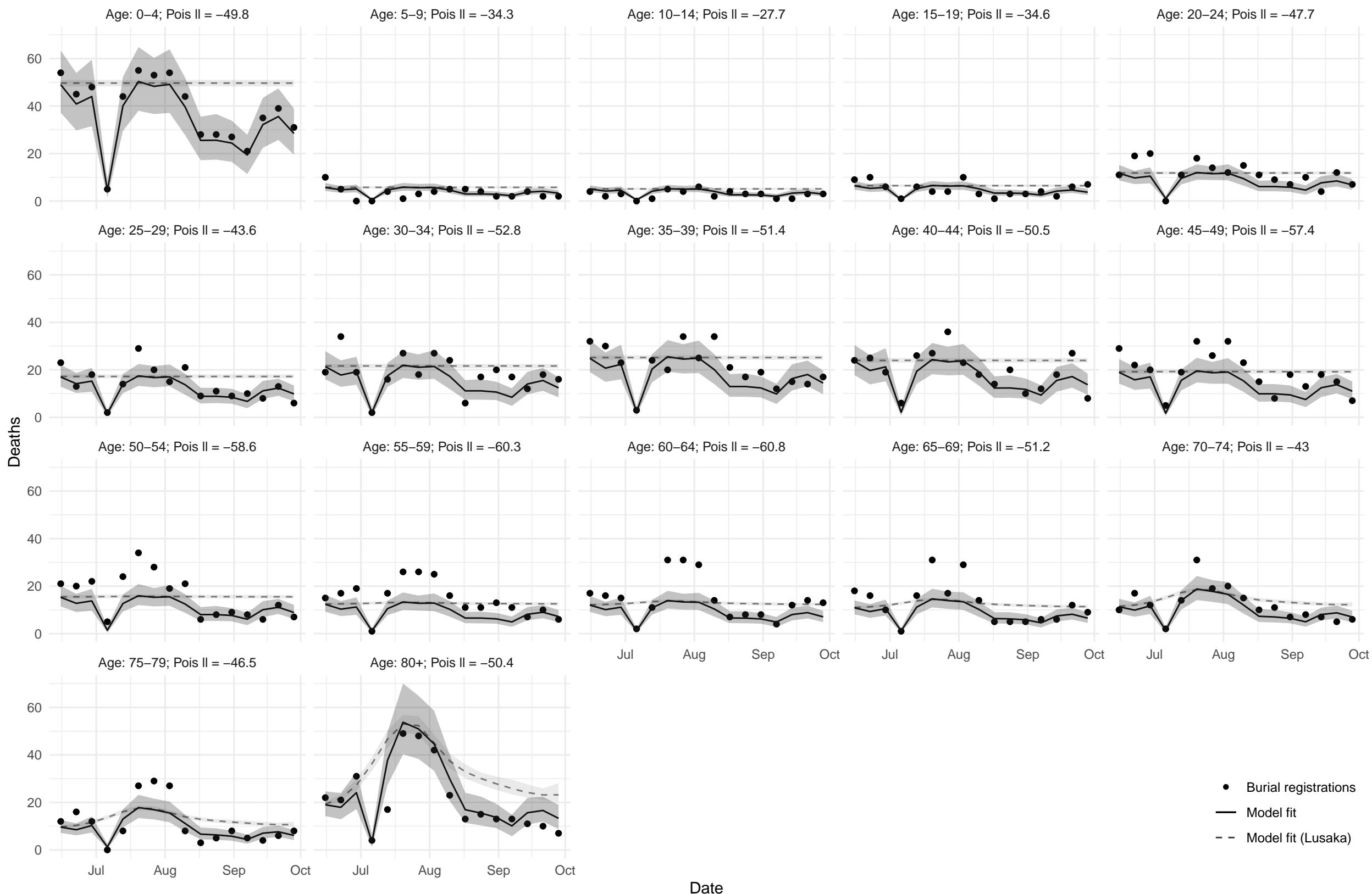
Population prevalence
Lusaka



Modelled PCR %

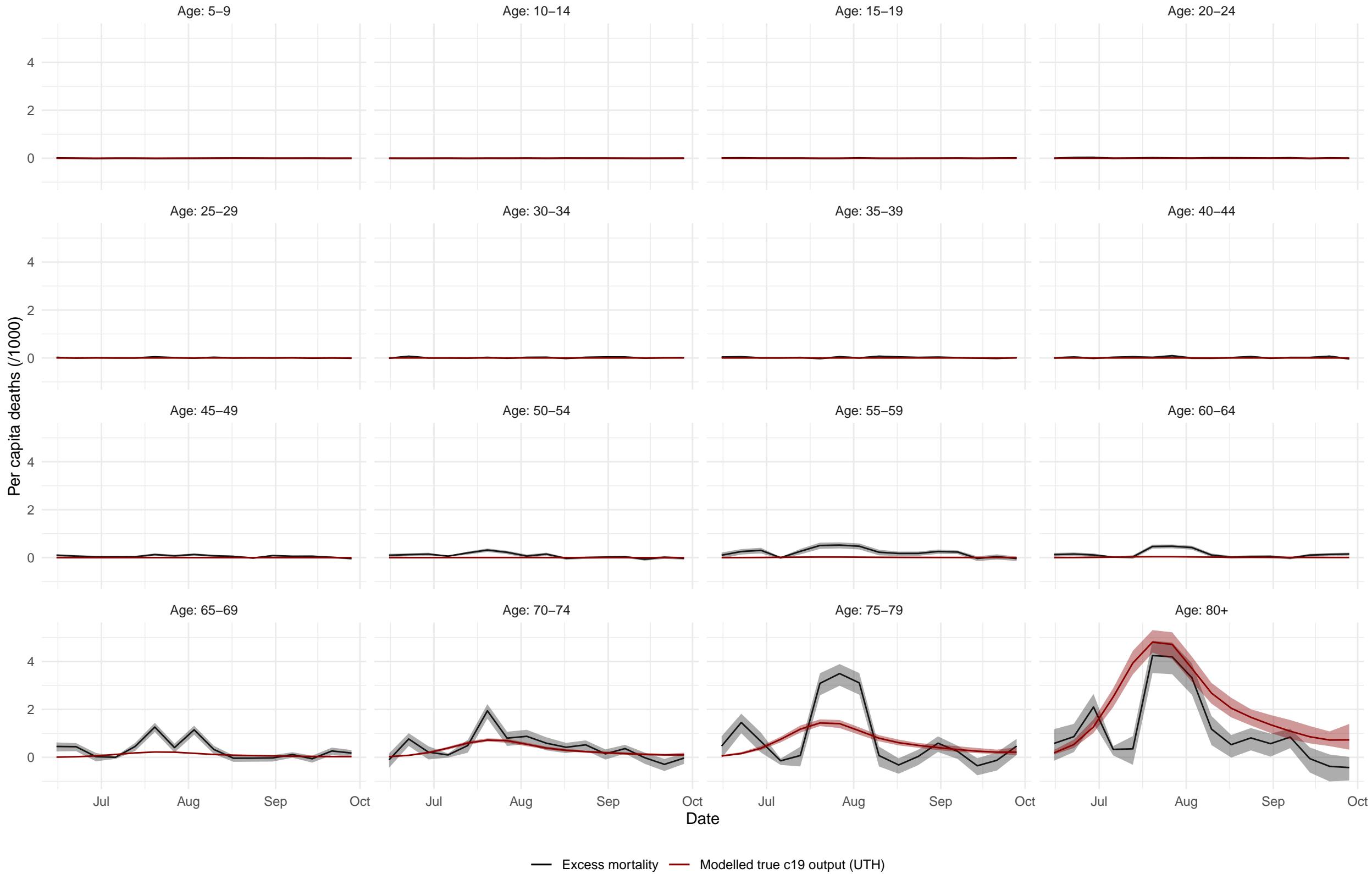


IFR x1, Slope x2.5
Lusaka weekly burial registrations



IFR x 1, Slope x 2.5

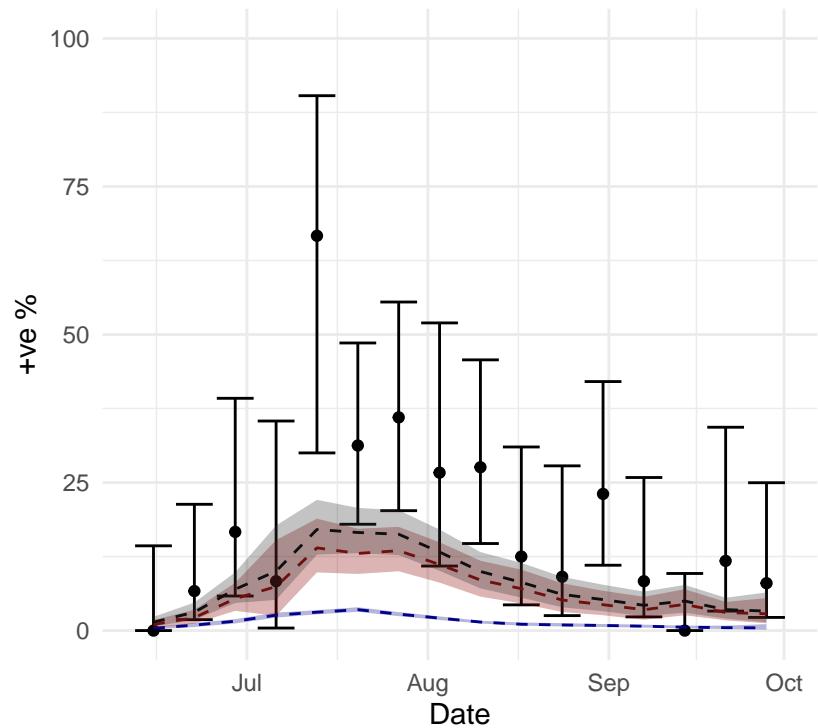
COVID-19 excess mortality: Comparison of MCMC results with squire results



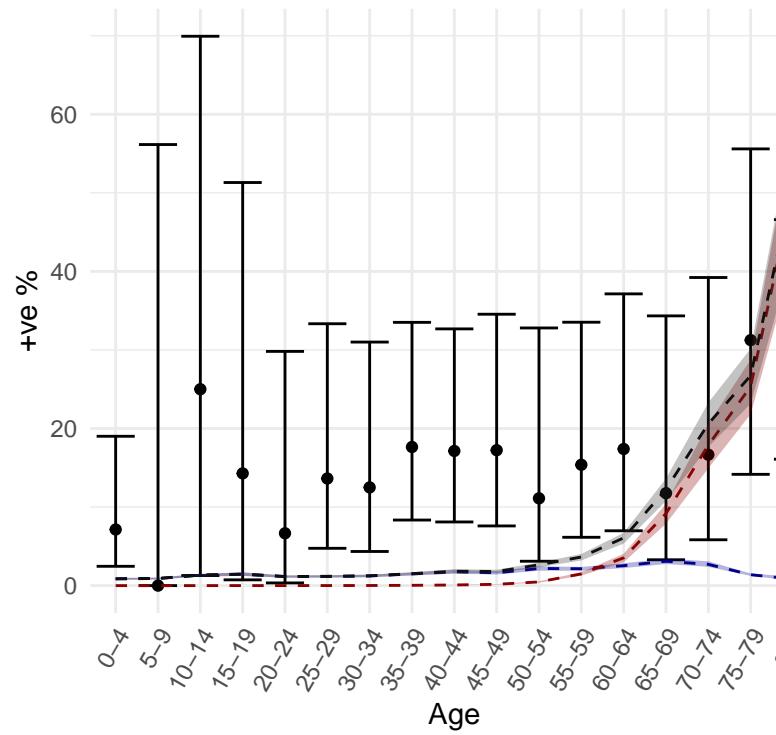
IFR x 1.25, Slope x 2.5

Post-mortem weekly PCR prev.

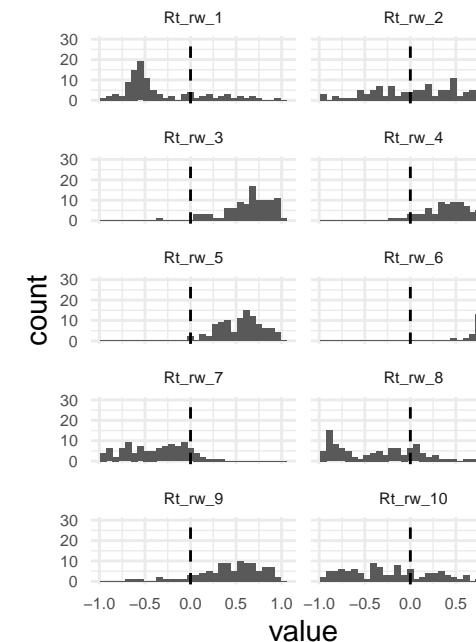
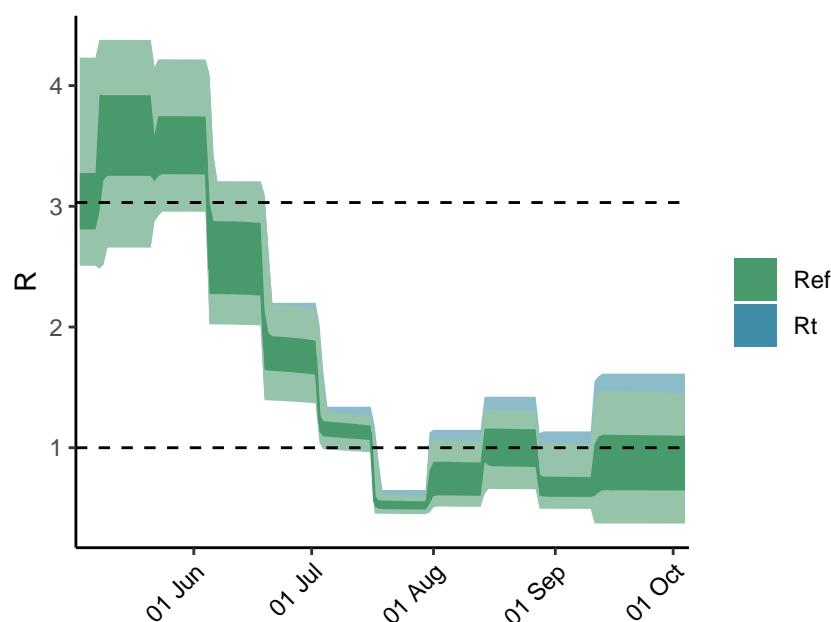
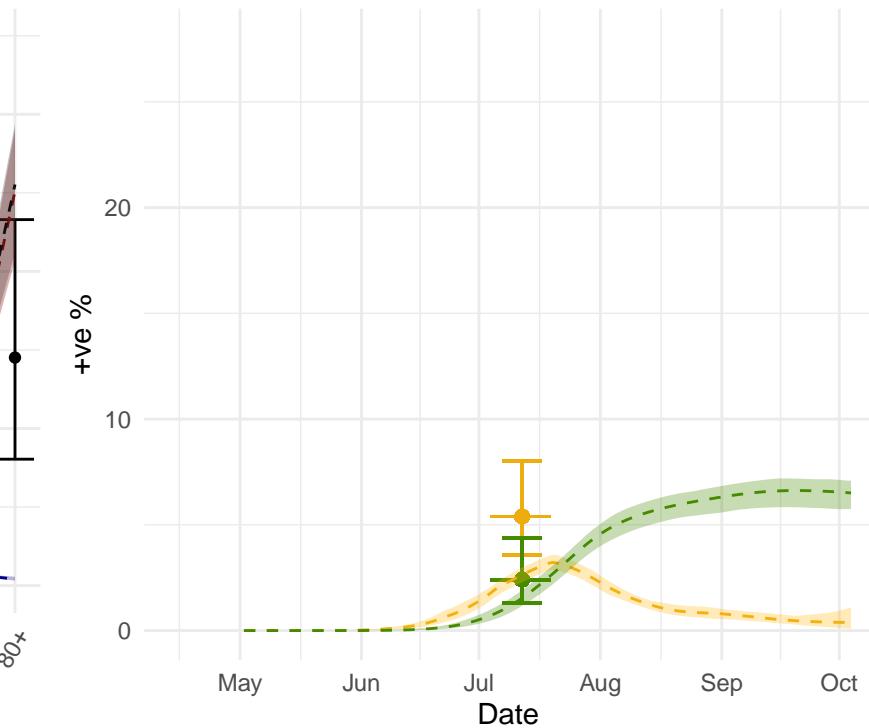
UTH mortuary



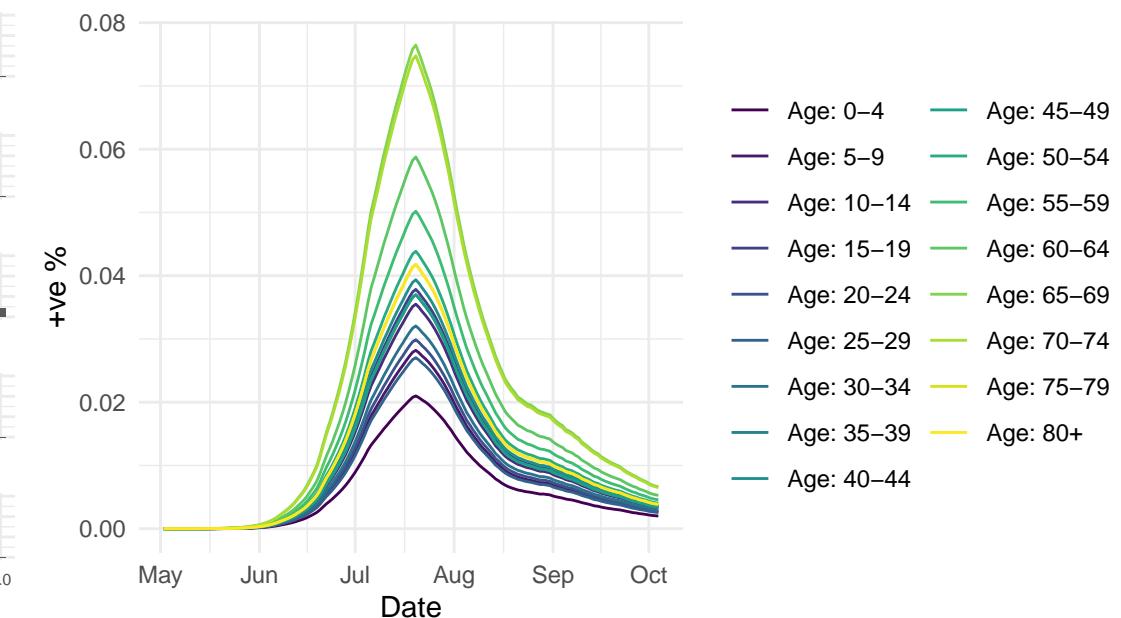
Post-mortem PCR prev. by age
UTH mortuary



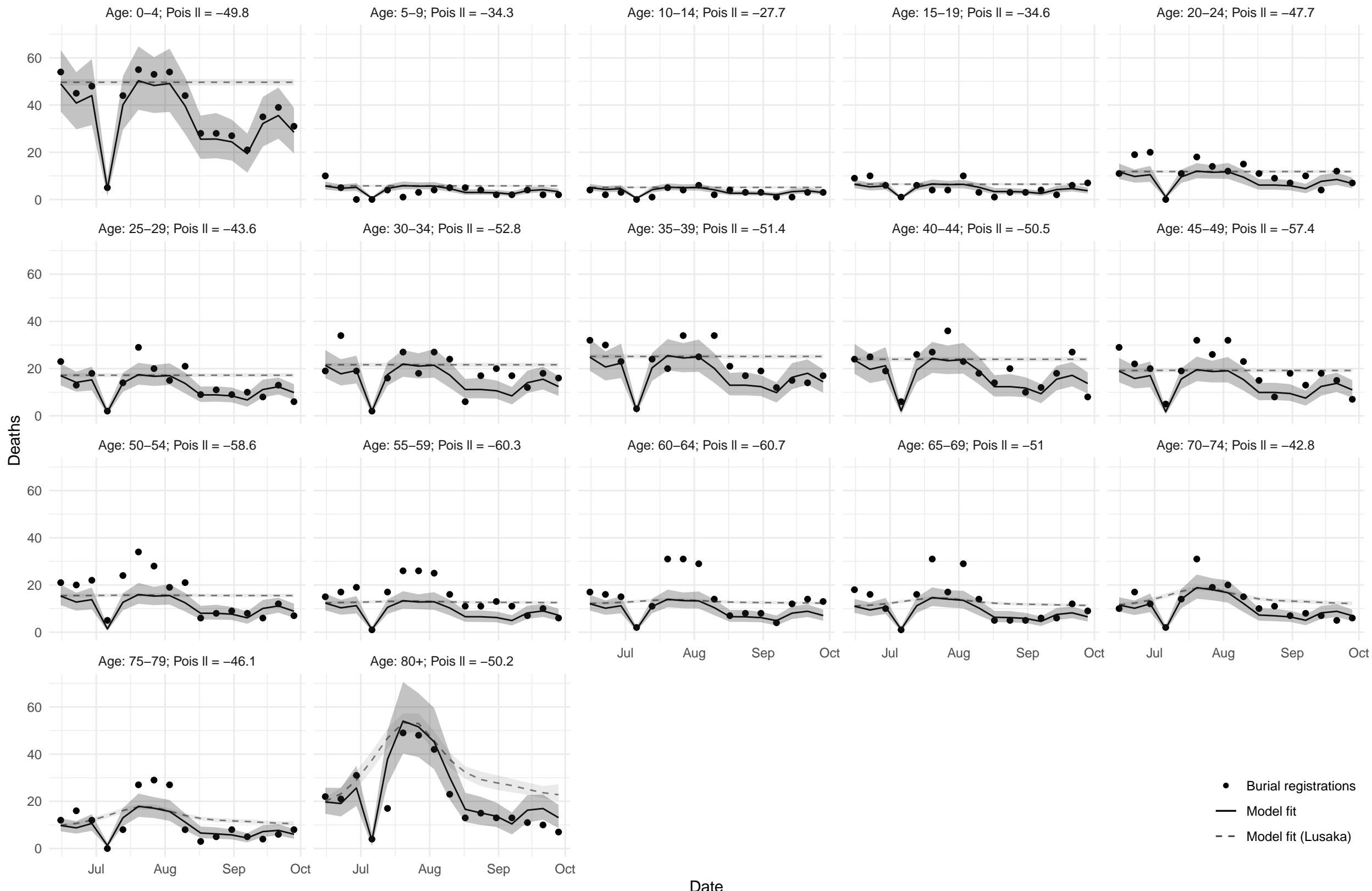
Population prevalence
Lusaka



Modelled PCR %



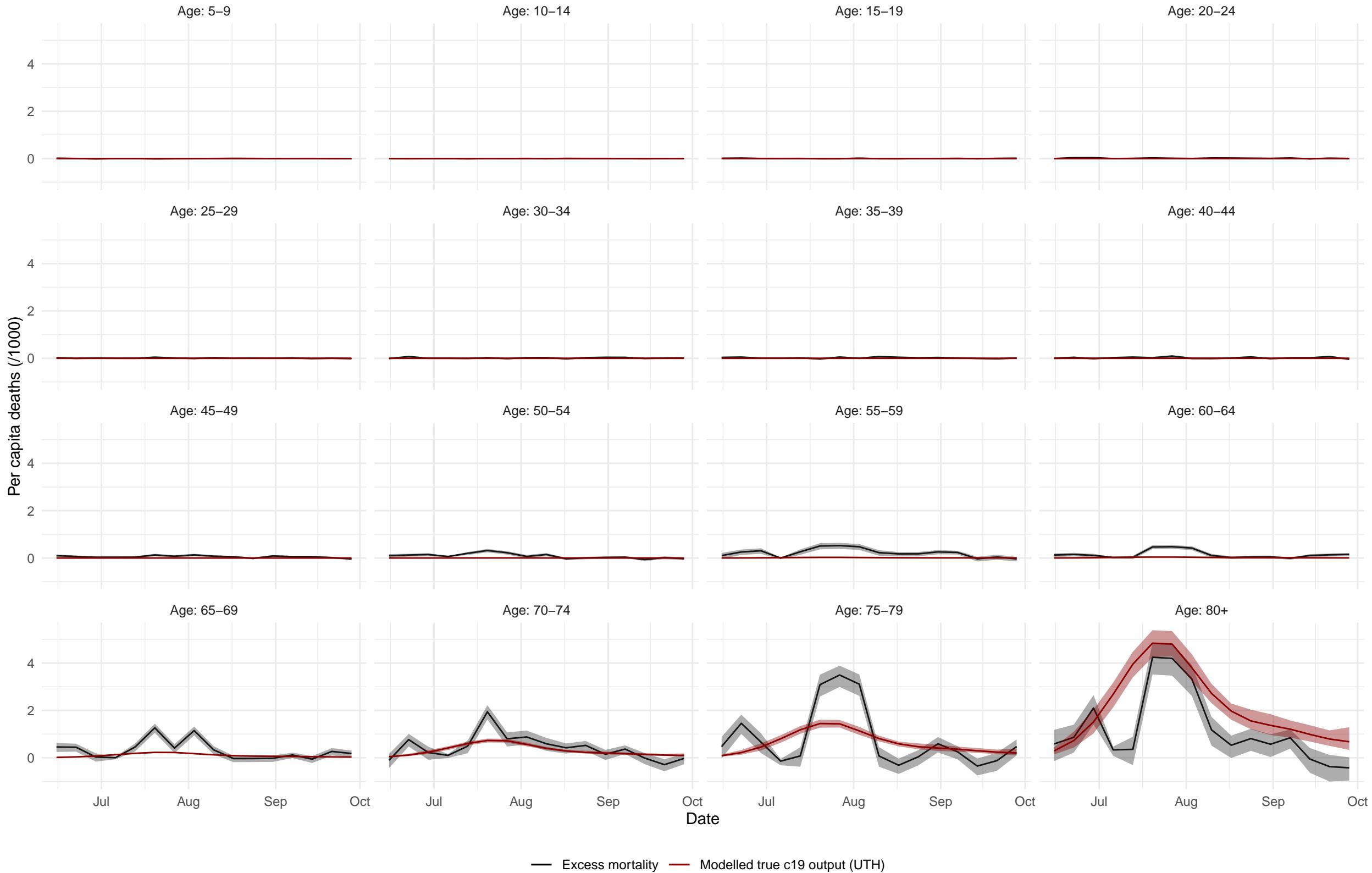
IFR x1.25, Slope x2.5
Lusaka weekly burial registrations



- Burial registrations
- Model fit
- - Model fit (Lusaka)

IFR x 1.25, Slope x 2.5

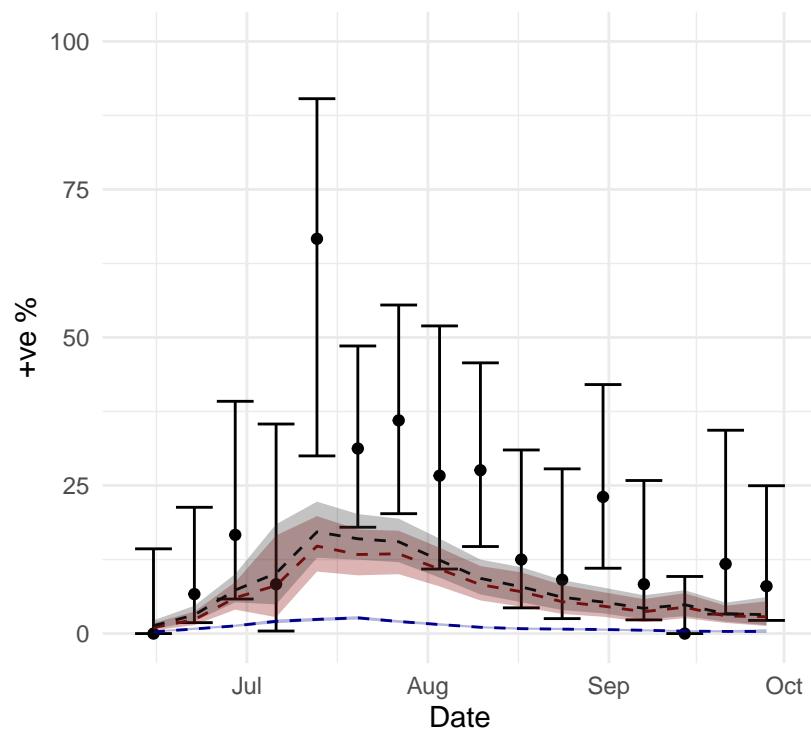
COVID-19 excess mortality: Comparison of MCMC results with squire results



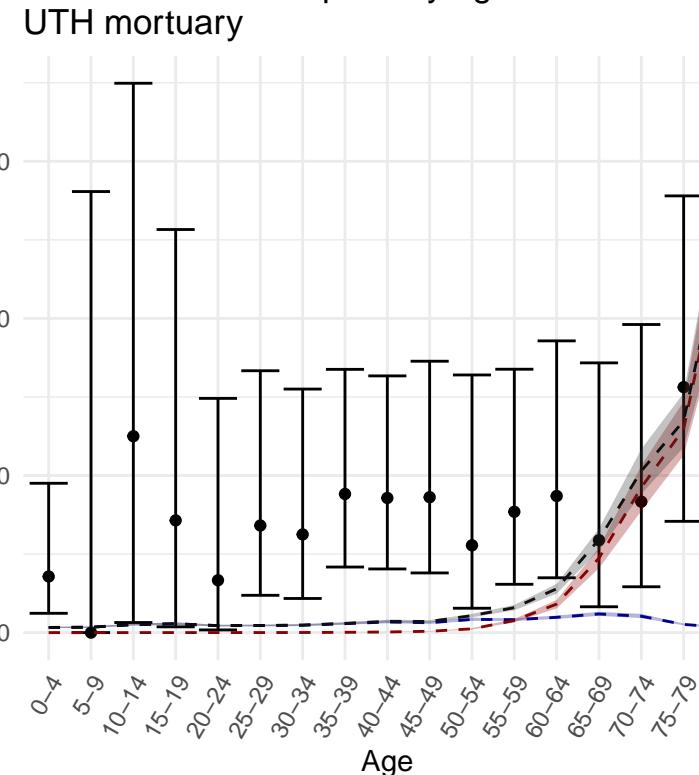
IFR x 1.67, Slope x 2.5

Post-mortem weekly PCR prev.

UTH mortuary

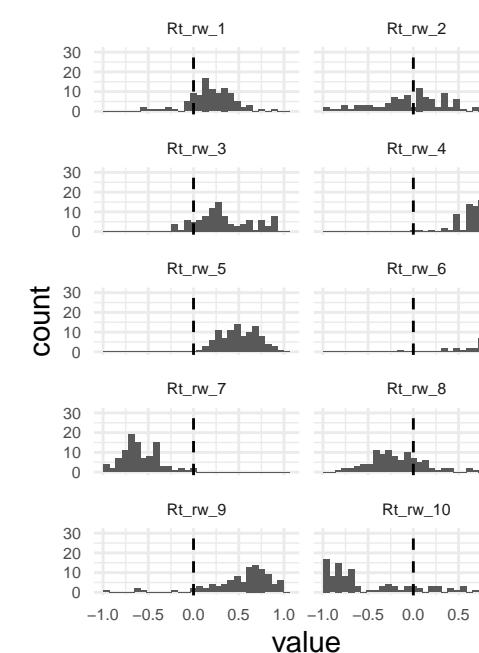
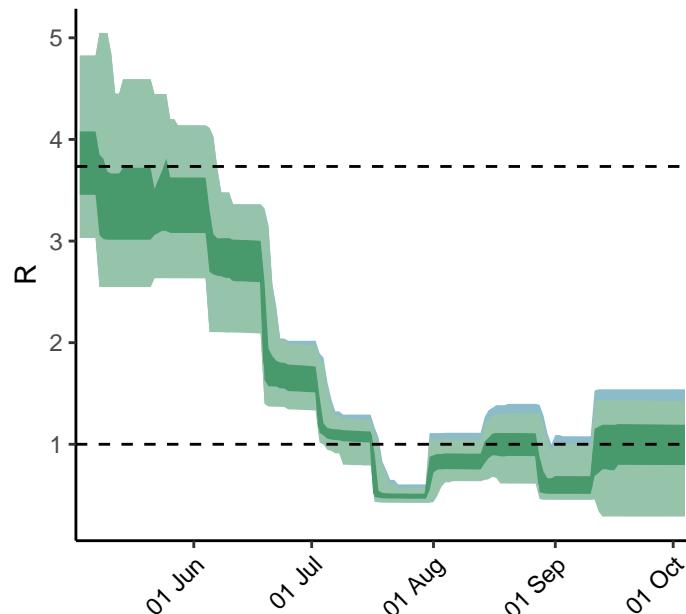
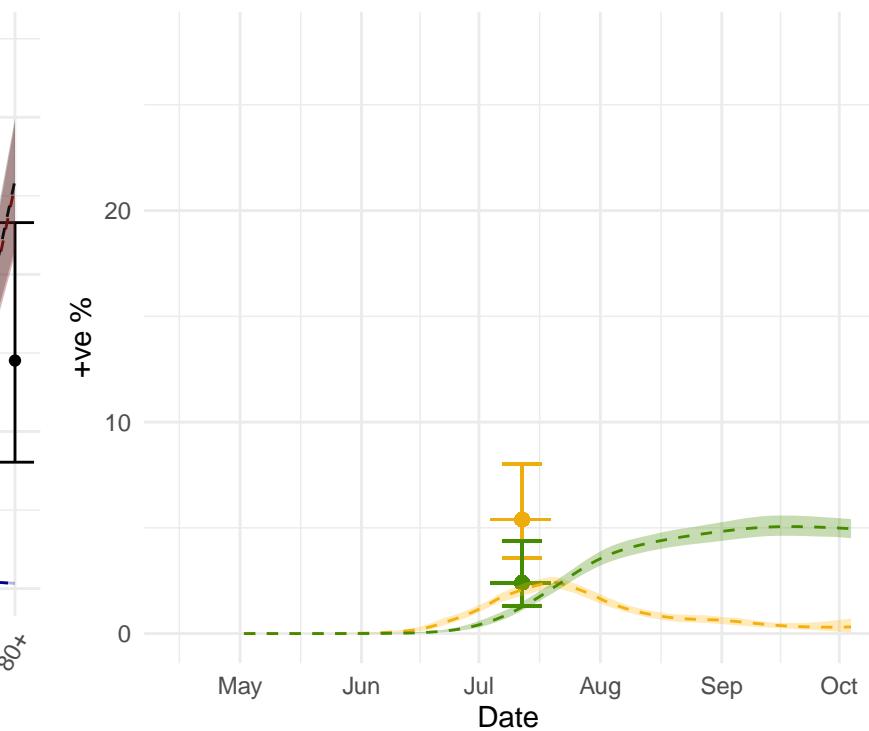


Post-mortem PCR prev. by age

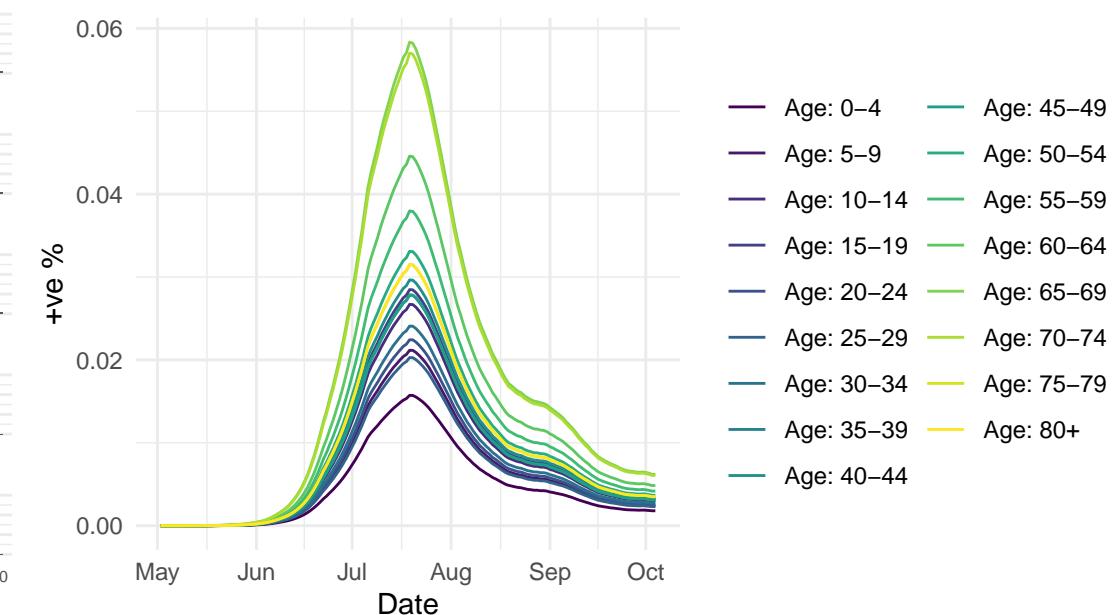


Population prevalence

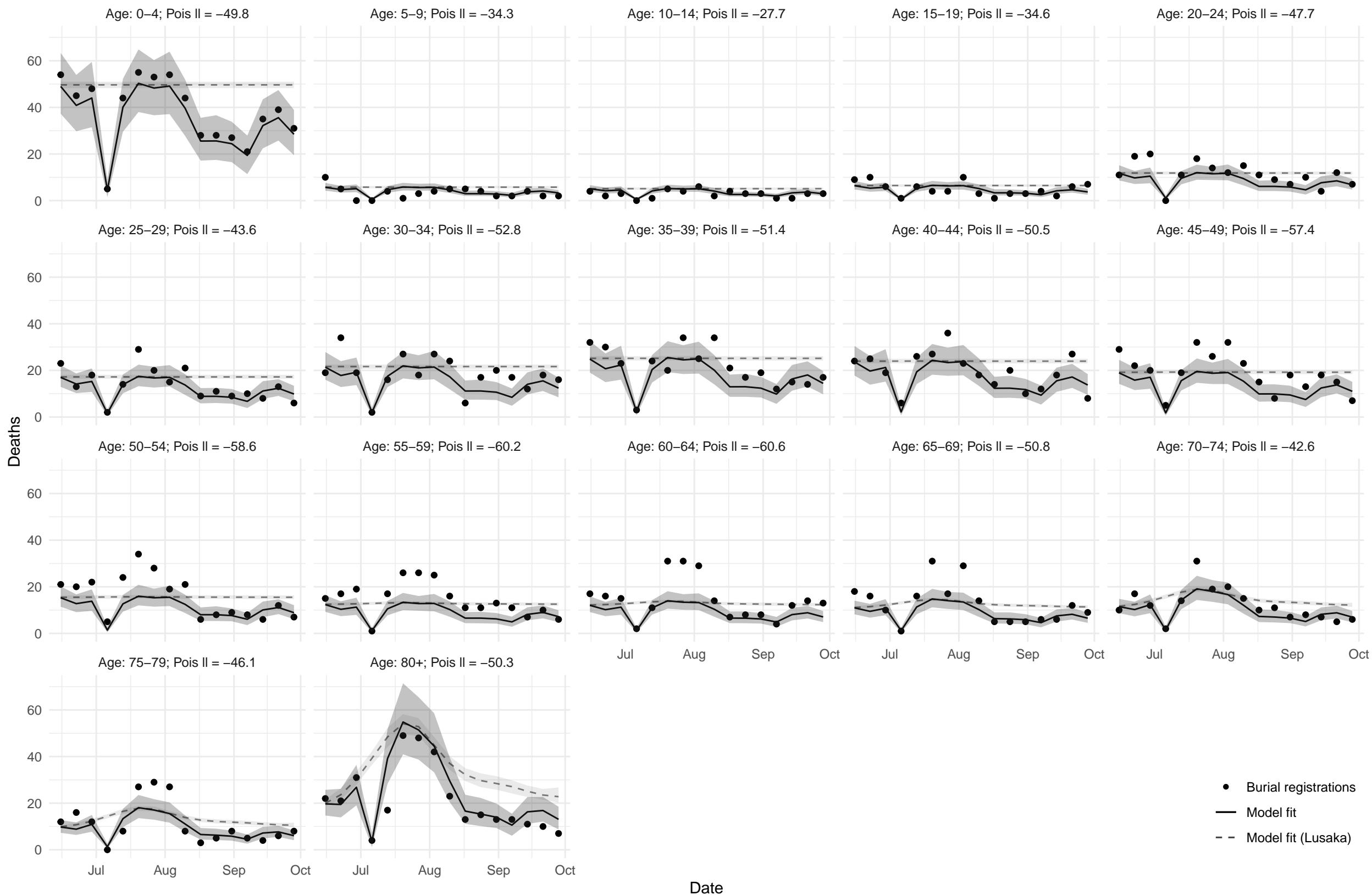
Lusaka



Modelled PCR %

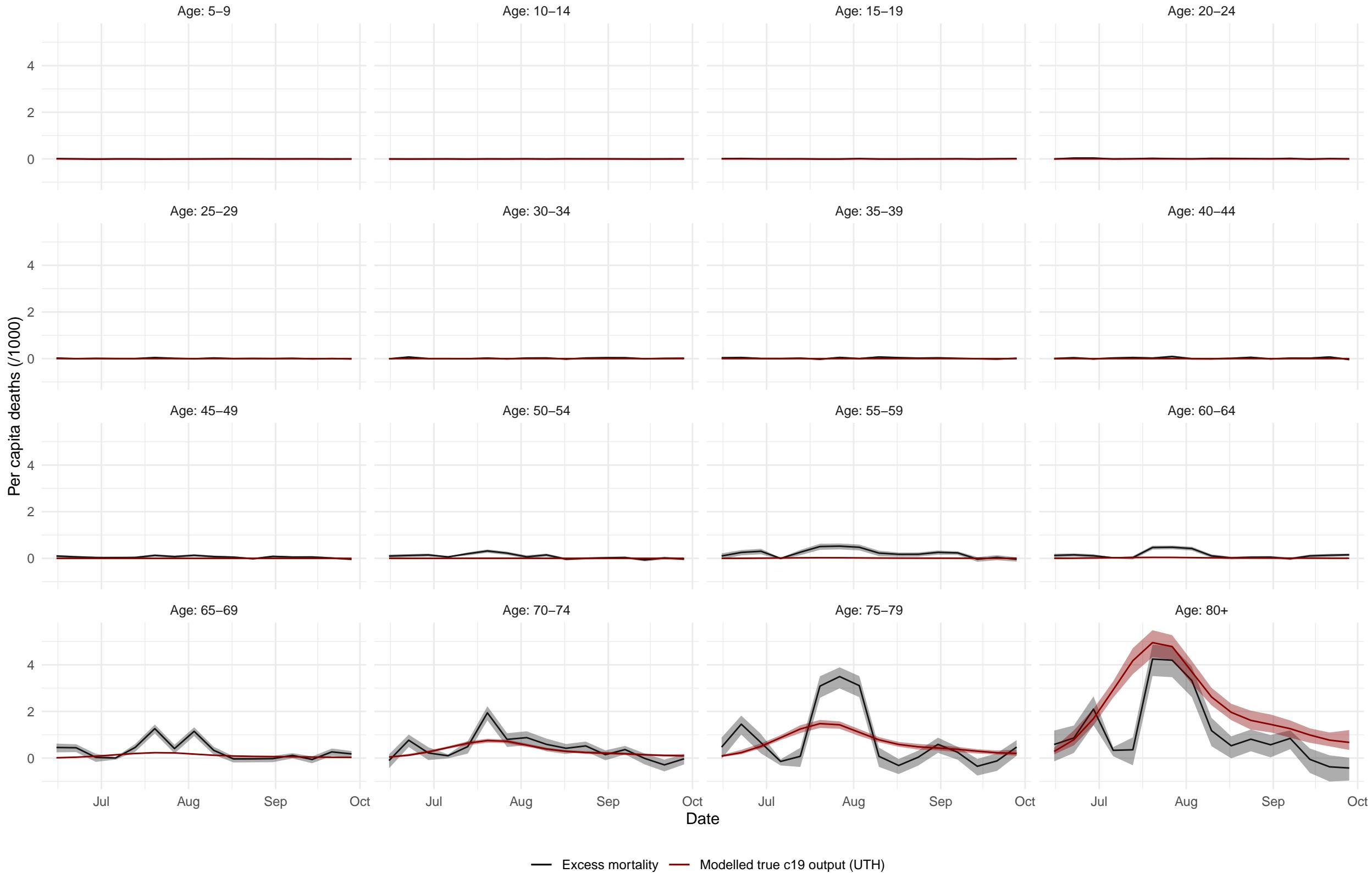


IFR x1.67, Slope x2.5
Lusaka weekly burial registrations



IFR x 1.67, Slope x 2.5

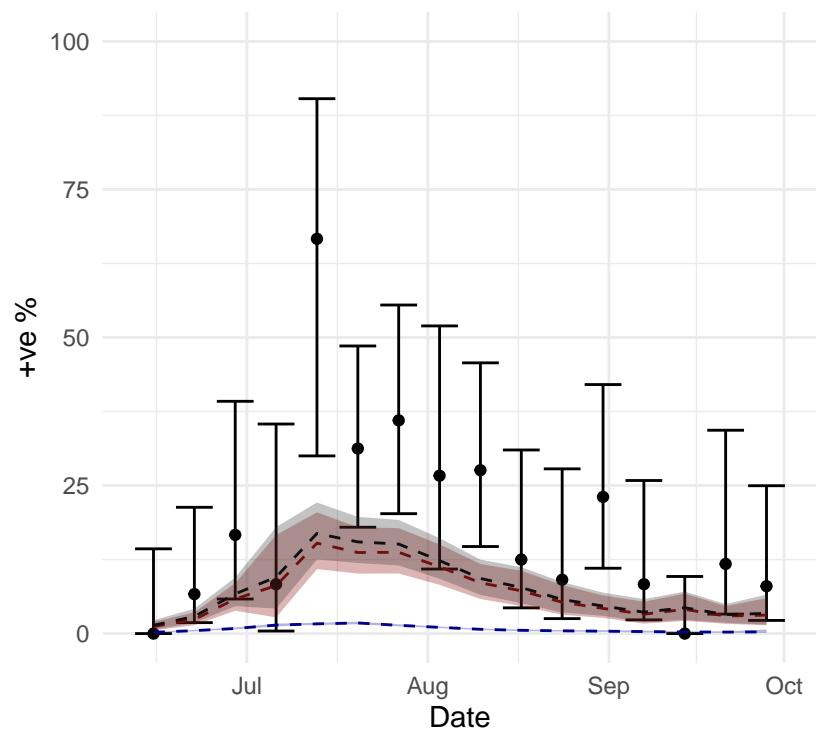
COVID-19 excess mortality: Comparison of MCMC results with squire results



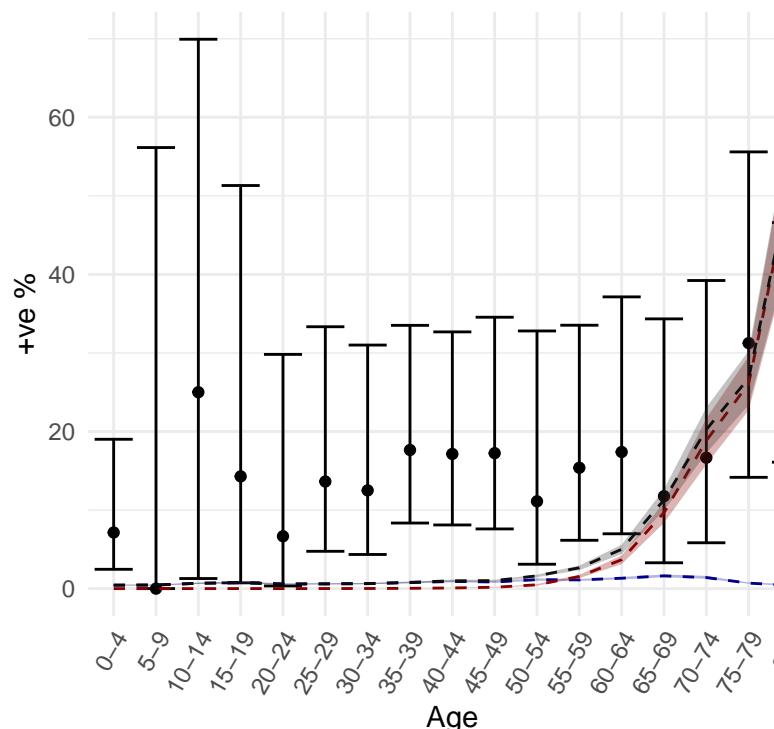
IFR x 2.5, Slope x 2.5

Post-mortem weekly PCR prev.

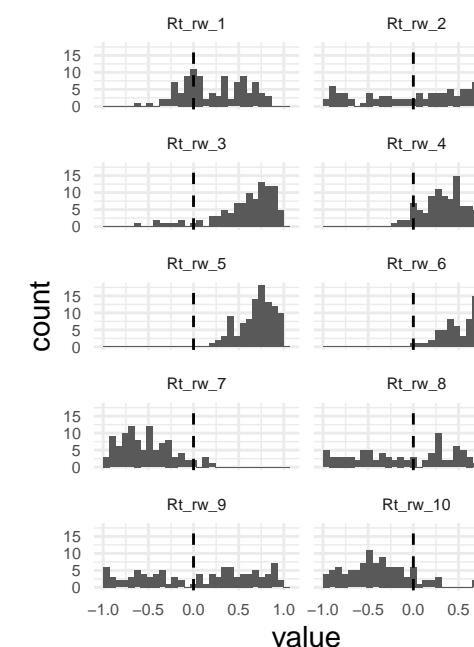
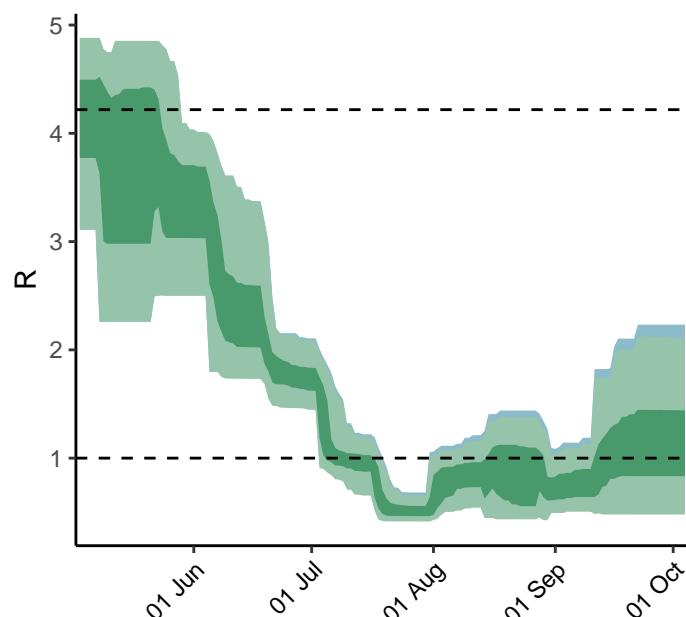
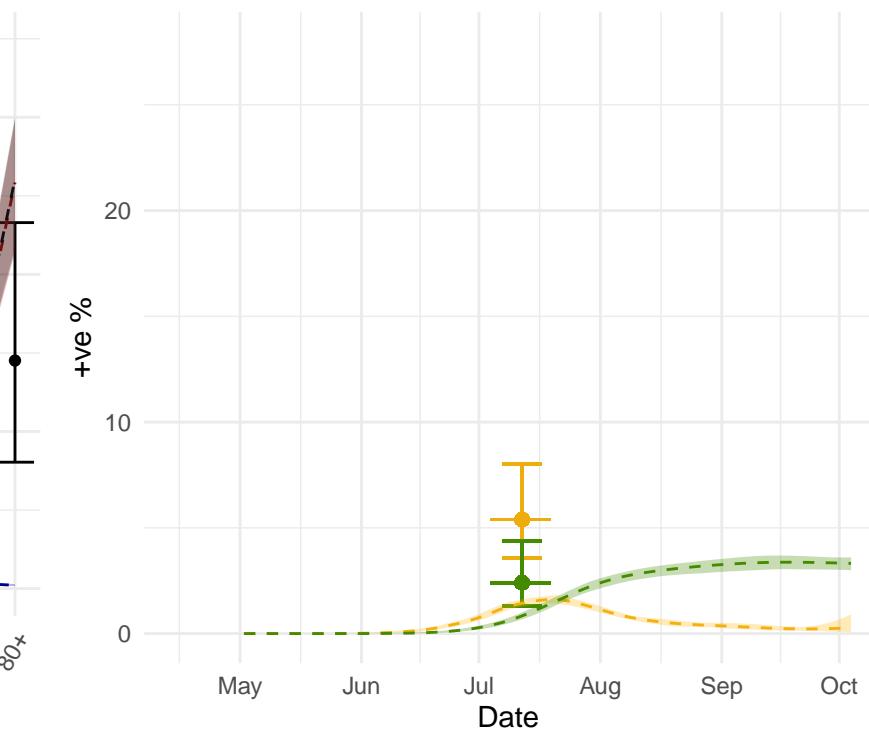
UTH mortuary



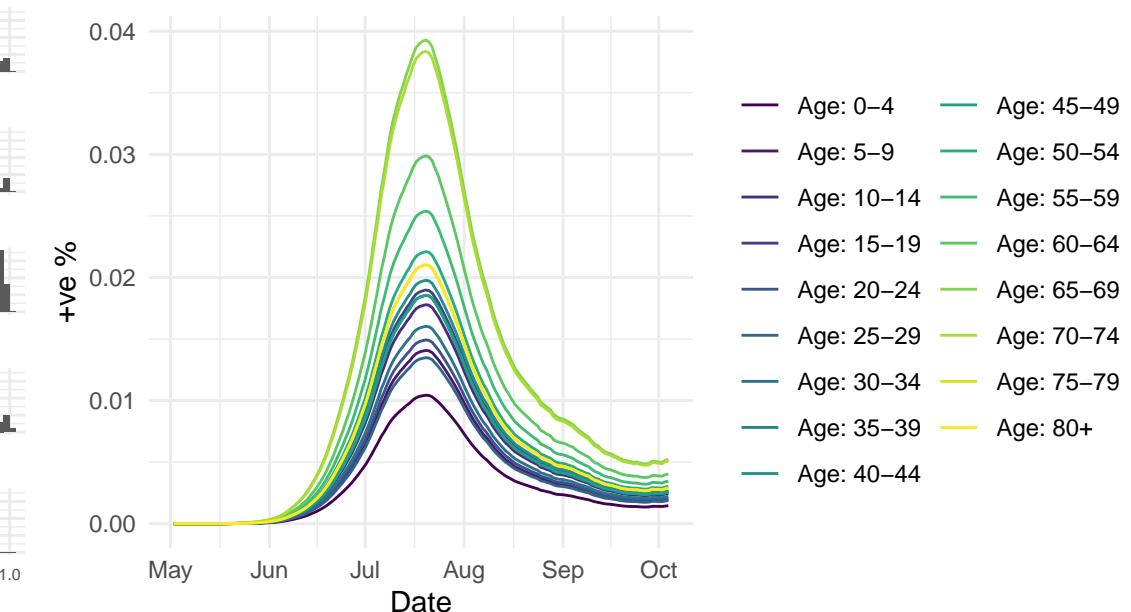
Post-mortem PCR prev. by age
UTH mortuary



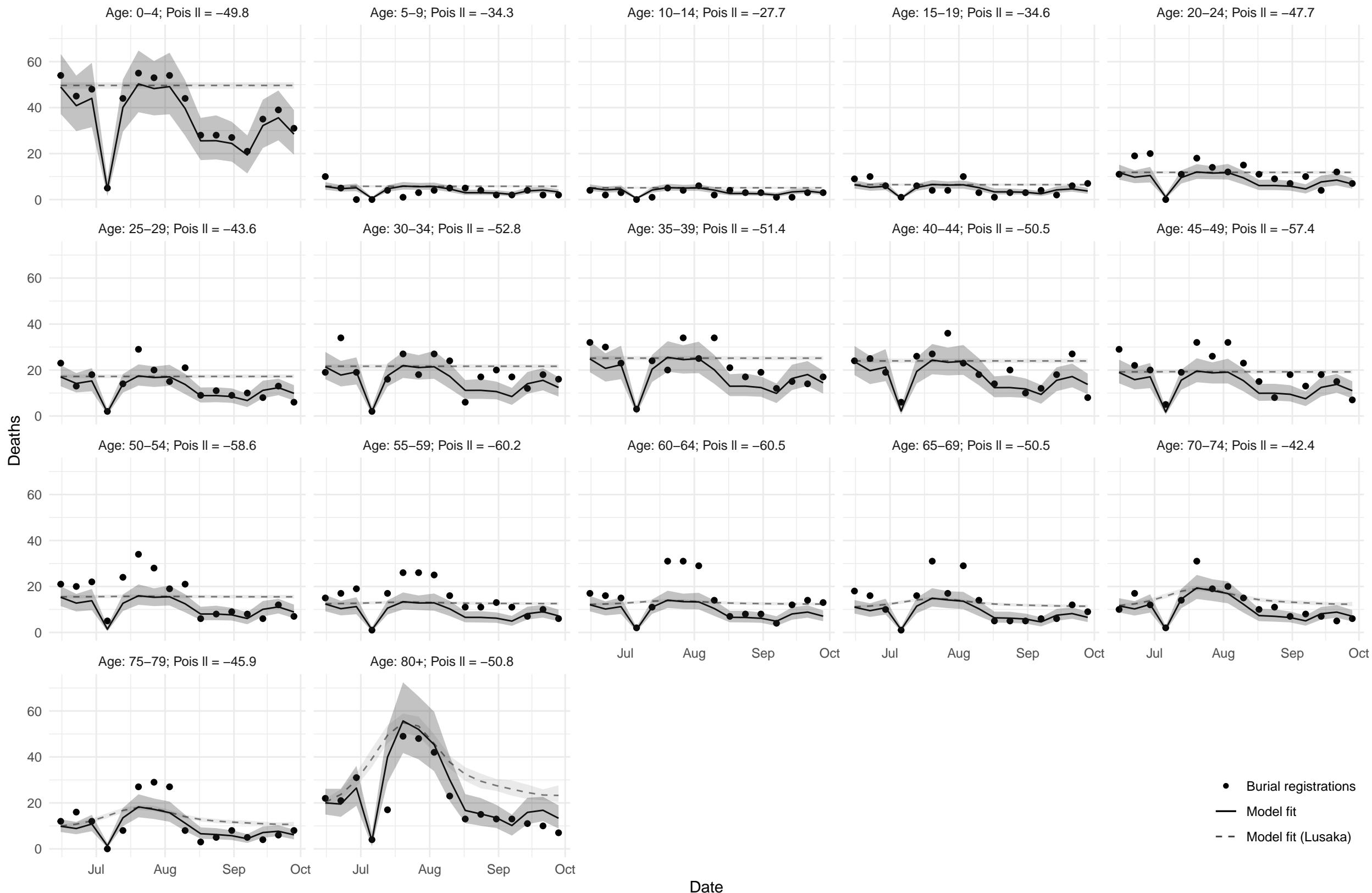
Population prevalence
Lusaka



Modelled PCR %



IFR x2.5, Slope x2.5
Lusaka weekly burial registrations



IFR x 2.5, Slope x 2.5

COVID-19 excess mortality: Comparison of MCMC results with squire results

