

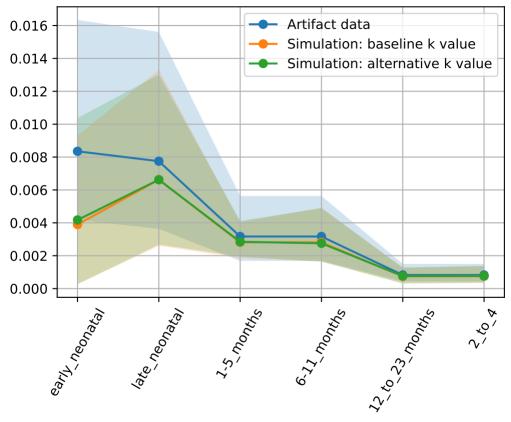
#### Diarrheal diseases incidence rate **Females** 4.0 Artifact data Simulation: baseline k value 3.5 Simulation: alternative k value 3.0 2.5 2.0 1.5 I lestenoou Thes late neonatal 1 SHUOW Trg 12 to 23 months 1

#### Diarrheal diseases incidence rate Males 4.0 Artifact data Simulation: baseline k value 3.5 Simulation: alternative k value 3.0 2.5 2.0 1.5 Cary, Incopatal late neonatal 1 SHUOU Tro 12 to 23 months 1

## Diarrheal diseases remission rate **Females** 105 Artifact data Simulation: baseline k value 100 Simulation: alternative k value 95 90 85 80 1.5 months

## Diarrheal diseases remission rate Males 105 Artifact data Simulation: baseline k value 100 Simulation: alternative k value 95 90 85 80 1.5 months

## Diarrheal diseases cause specific mortality rate Females



Diarrheal diseases cause specific mortality rate Males Artifact data 0.0175 Simulation: baseline k value Simulation: alternative k value 0.0150 0.0125 0.0100 0.0075 0.0050 0.0025 0.0000 12 to 23 months | 1 Peperoou Tues 1/e<sub>10000</sub> 16/ 6-11 months 1.5 months

## Diarrheal diseases excess mortality rate **Females** Artifact data Simulation: baseline k value Simulation: alternative k value | 1846000 \ 1488 late neonatal I 1 SHUOU Tro 12 to 23 months 1

0.5

0.4

0.3

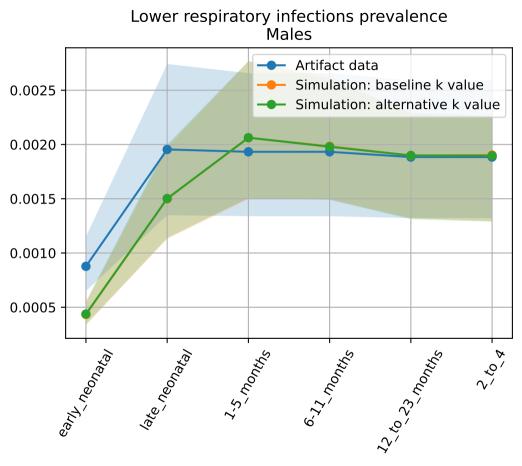
0.2

0.1

0.0

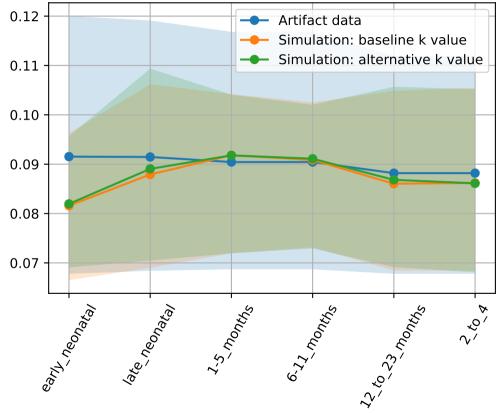
#### Diarrheal diseases excess mortality rate Males Artifact data 0.5 Simulation: baseline k value Simulation: alternative k value 0.4 0.3 0.2 0.1 0.0 I leseusour Tues 12 to 23 months 1 late neonatal 1 1 SHUOW Trg

Lower respiratory infections prevalence **Females** 0.0030 Artifact data Simulation: baseline k value Simulation: alternative k value 0.0025 0.0020 0.0015 0.0010 0.0005 12 to 23 months | 6-11 months " Leterloon Jues



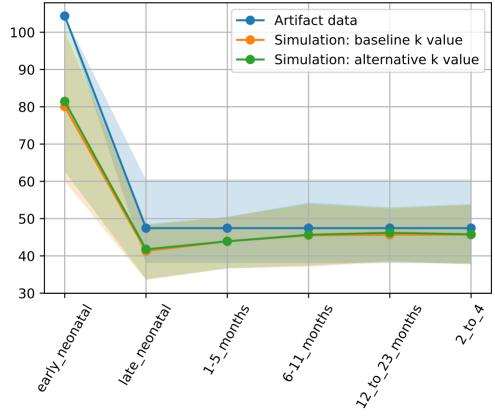
Lower respiratory infections incidence rate **Females** 0.13 -Artifact data Simulation: baseline k value 0.12 Simulation: alternative k value 0.11 0.10 0.09 0.08 0.07 0.06 1 16184081 THES 1.5 months

## Lower respiratory infections incidence rate Males



Lower respiratory infections remission rate **Females** Artifact data 110 Simulation: baseline k value 100 Simulation: alternative k value 90 80 70 60 50 40 30 1.5 months

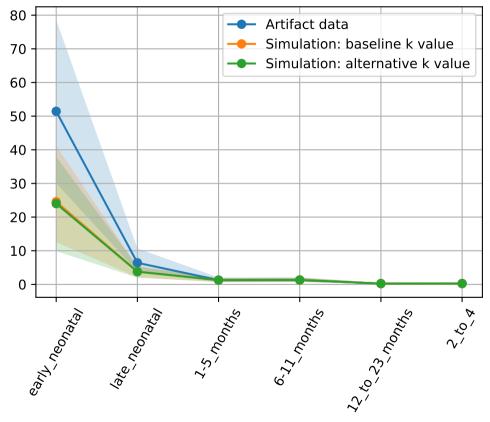
## Lower respiratory infections remission rate Males



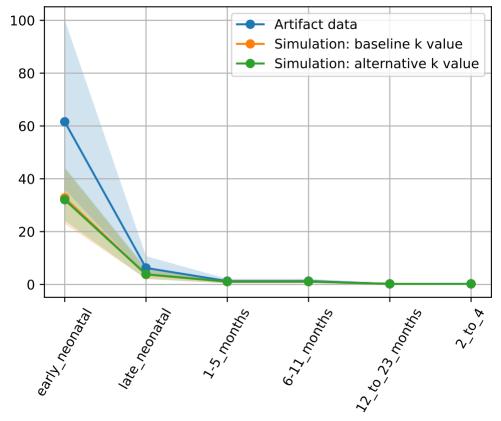
Lower respiratory infections cause specific mortality rate **Females** Artifact data 0.06 Simulation: baseline k value Simulation: alternative k value 0.05 0.04 0.03 0.02 0.01 0.00 12 to 23 months 1 1.5 months 6-11 months Carly neonatal

Lower respiratory infections cause specific mortality rate Males 0.08 -Artifact data Simulation: baseline k value 0.07 Simulation: alternative k value 0.06 -0.05 0.04 0.03 0.02 0.01 0.00 12 to 23 months 1 1.5 months. 6-11 months Carly neonatal

#### Lower respiratory infections excess mortality rate Females



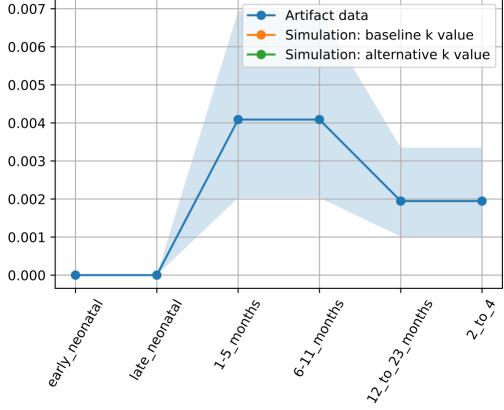
### Lower respiratory infections excess mortality rate Males



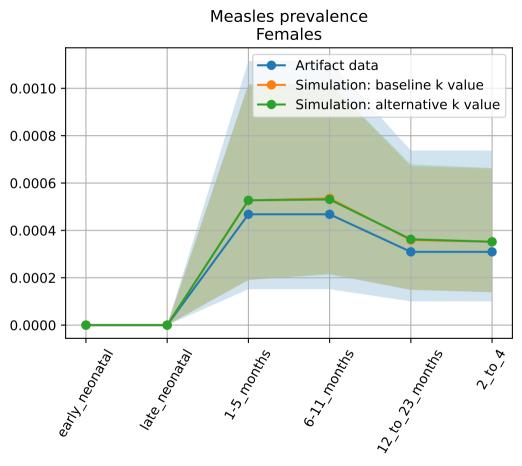
Protein energy malnutrition cause specific mortality rate **Females** 0.0012 Artifact data Simulation: baseline k value 0.0010 Simulation: alternative k value 0.0008 0.0006 0.0004 -0.0002 0.0000 22 to 23 months 1 late neonatal 1 E-11 months. Cary neonatal 1.5 months

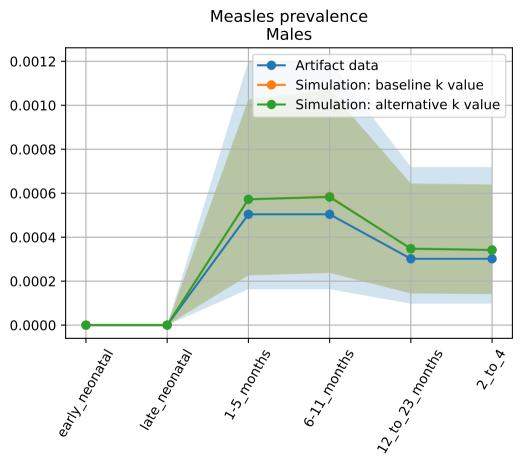
Protein energy malnutrition cause specific mortality rate Males 0.0010 Artifact data Simulation: baseline k value Simulation: alternative k value 0.0008 0.0006 0.0004 0.0002 0.0000 25 to 5 months 1 late neonatal 1 E-11 months. Cary neonatal 1-5 months

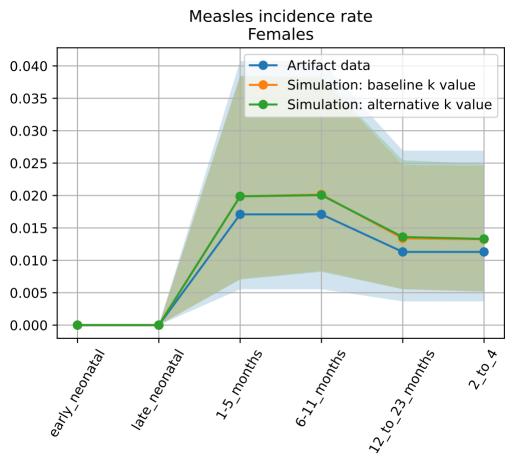
# Protein energy malnutrition excess mortality rate Females Artifact data

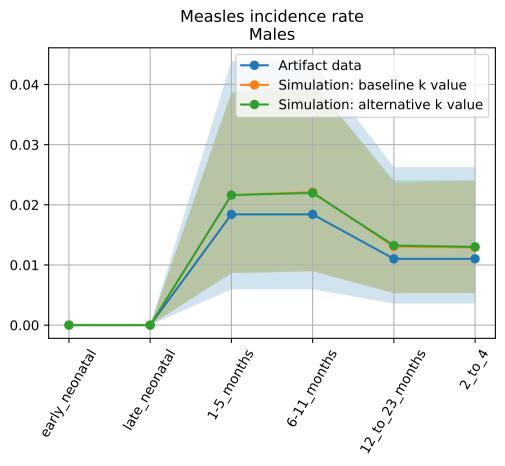


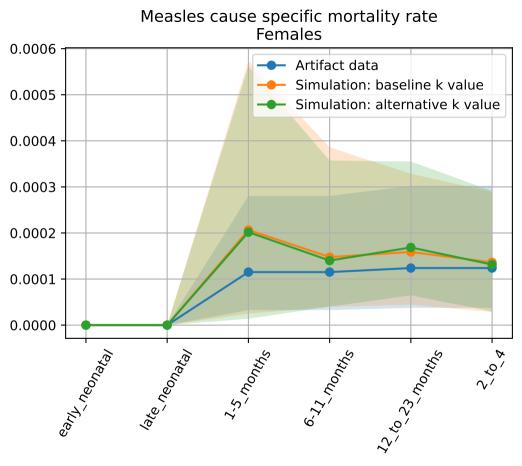
Protein energy malnutrition excess mortality rate Males Artifact data 0.007 Simulation: baseline k value Simulation: alternative k value 0.006 0.005 0.004 0.003 0.002 0.001 0.000 12 to 23 months 1 I leteloou Thes 6-11 months

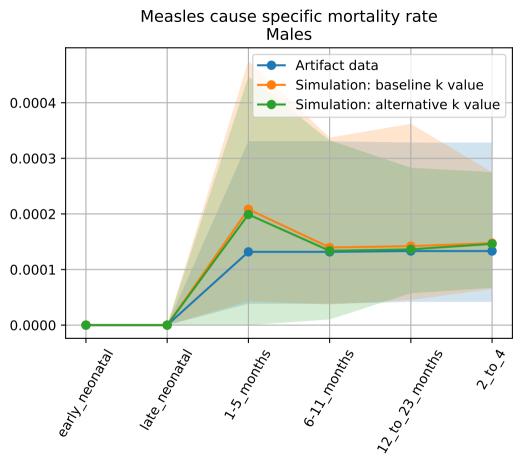












#### Measles excess mortality rate **Females** 8.0 Artifact data Simulation: baseline k value 0.7 Simulation: alternative k value 0.6 0.5 0.4 0.3 0.2 0.1 0.0 I leseusou Tues 12 to 23 months 1 late neonatal I 1.5 months 1 1 SHUOU Tro

