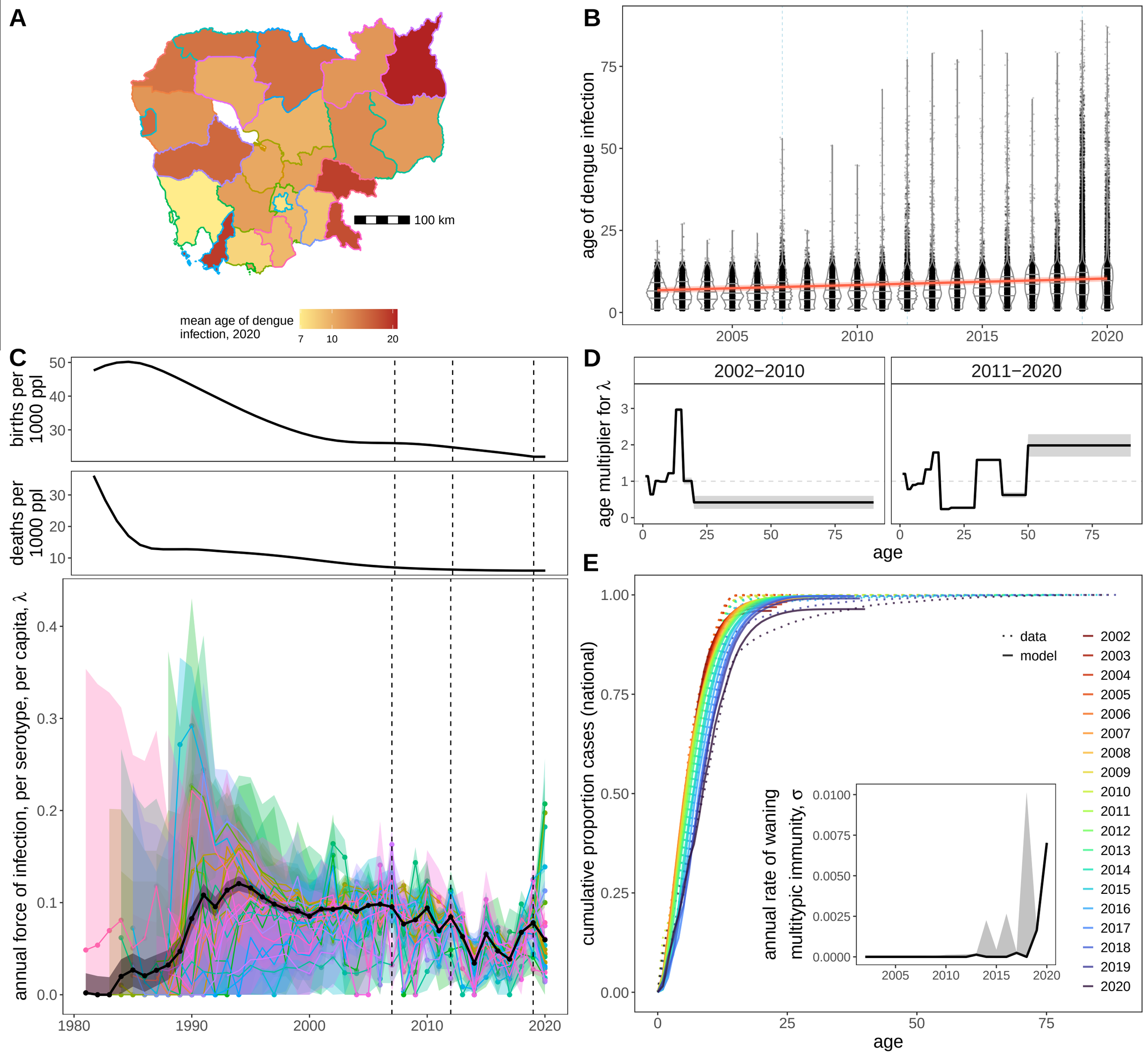
A
100 km
mean age of dengue infection, 2020
7
10
20
B
age of dengue infection
0
25
50
75
2005
2010
2015
2020
C
births per 1000 ppl
50
40
30
deaths per 1000 ppl
30
20
10
annual force of infection, per serotype, per capita, λ
0.0
0.1
0.2
0.3
0.4
1980
1990
2000
2010
2020
D
2002−2010
2011−2020
age multiplier for λ
0
1
2
3
0
25
50
75
age
E
cumulative proportion cases (national)
0.00
0.25
0.50
0.75
1.00
data
model
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
annual rate of waning multitypic immunity, σ
0.0000
0.0025
0.0050
0.0075
0.0100
2005
2010
2015
2020
0
25
50
75
age