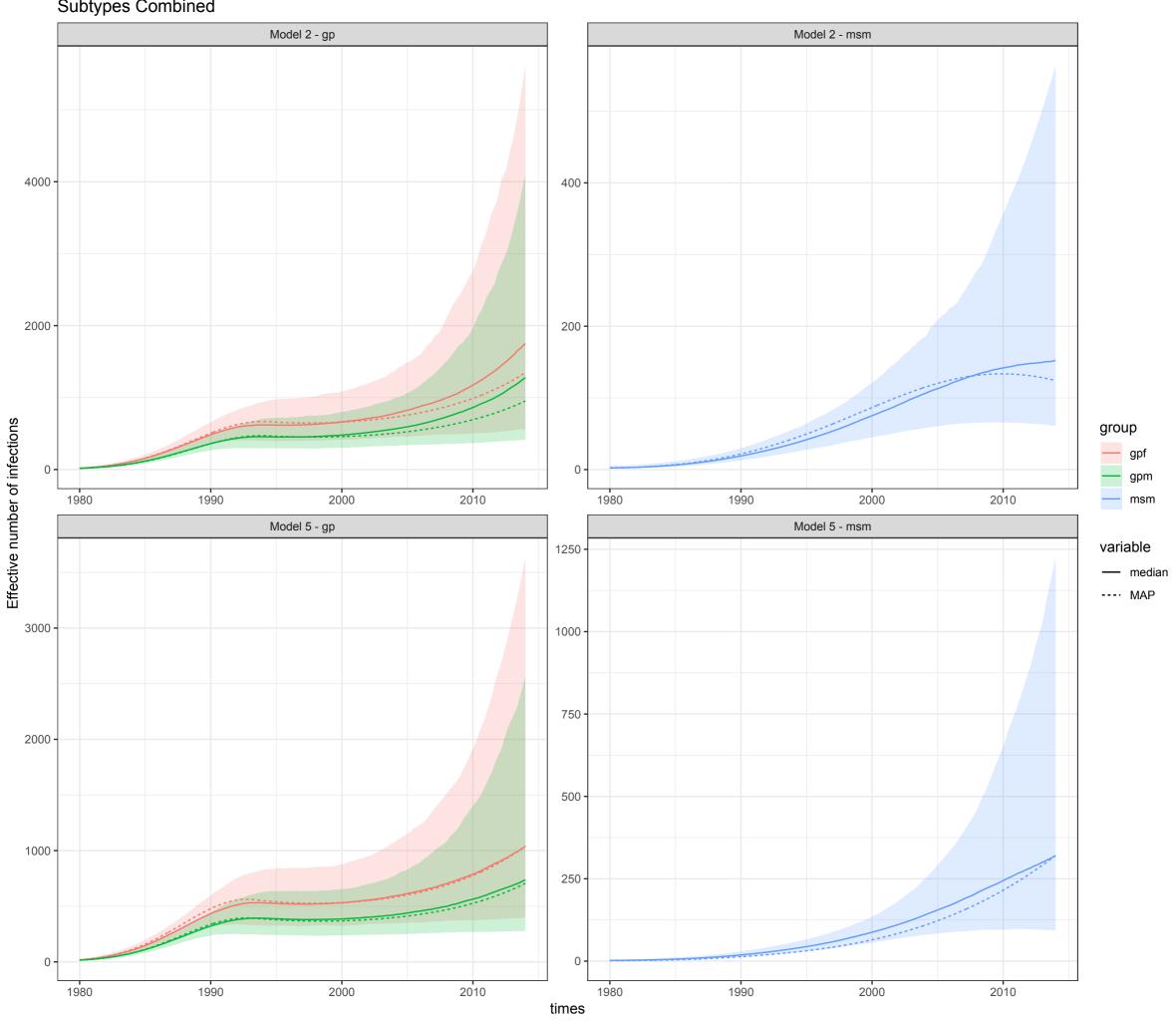
Subtypes Combined Model 2 - gp Model 2 - msm 0.20 -0.6 -0.15 0.5 0.10 -0.4 0.05 group 0.00 -1980 1990 2000 2010 1990 2000 2010 1980 msm Model 5 - gp Model 5 - msm variable 0.5 -— median --- MAP 0.6 0.4 -0.5 0.3 -0.4 -0.2 -0.1 -0.3 -0.0 2010 2010 1980 2000 1980 1990 2000 1990 times

Subtypes Combined Model 3 - gp Model 3 - msm 0.6 -0.3 -0.5 -0.2 -0.4 -0.1 group 0.3 -0.0 1980 1990 2000 2010 1980 1990 2000 2010 — msm Model 6 - gp Model 6 - msm 0.8 variable — median --- MAP 0.6 0.6 -0.4 0.4 0.2 -0.2 -0.0 2010 1980 2000 2010 1980 1990 2000 1990 times

Subtypes Combined Model 4 - gp Model 4 - msm 0.20 -0.6 -0.15 -0.5 0.10 -0.4 -0.05 group 0.3 0.00 1990 2000 2010 1980 1990 2010 1980 2000 msm PAF Model 7 - gp Model 7 - msm 0.6 variable — median --- MAP 0.6 0.4 -0.5 0.4 -0.2 -0.3 -0.2 -0.0 2010 2010 2000 1990 1980 1990 1980 2000 times

Subtypes Combined



Subtypes Combined Model 3 - gp Model 3 - msm 6000 600 -4000 -400 -2000 -200 Effective number of infections group 0 -2000 1980 1980 1990 2010 1990 2000 2010 msm Model 6 - gp Model 6 - msm variable 1500 median --- MAP 1000 -1000 500 -500 -0 -2010 1990 2000 2010 1980 1990 2000 1980 times

Subtypes Combined Model 4 - gp Model 4 - msm 10000 -300 7500 200 -5000 -100 -2500 -Effective number of infections group 2010 2000 1980 1980 1990 1990 2000 2010 msm Model 7 - gp Model 7 - msm 2000 variable — median --- MAP 600 1500 400 -1000 200 -500 1990 2010 2010 1980 2000 1980 1990 2000 times