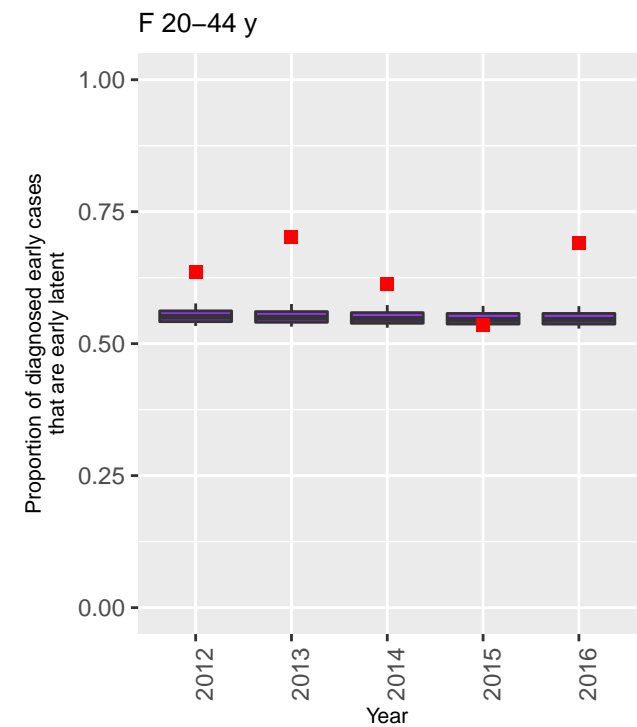
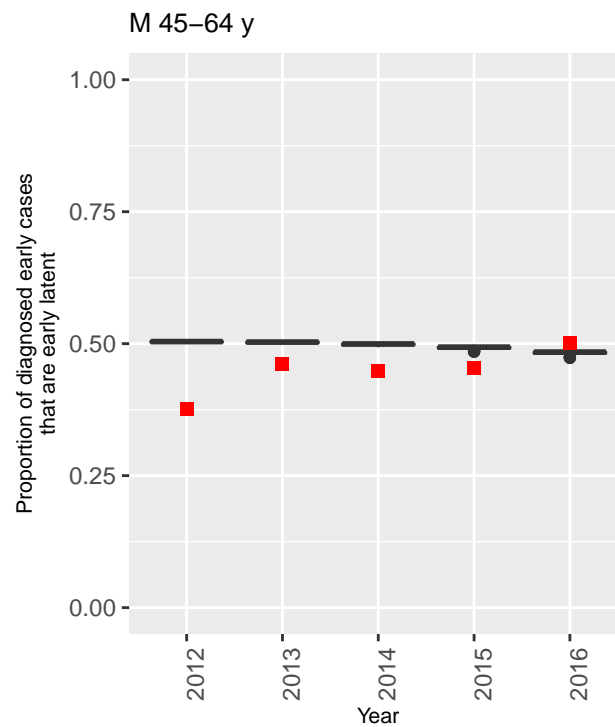
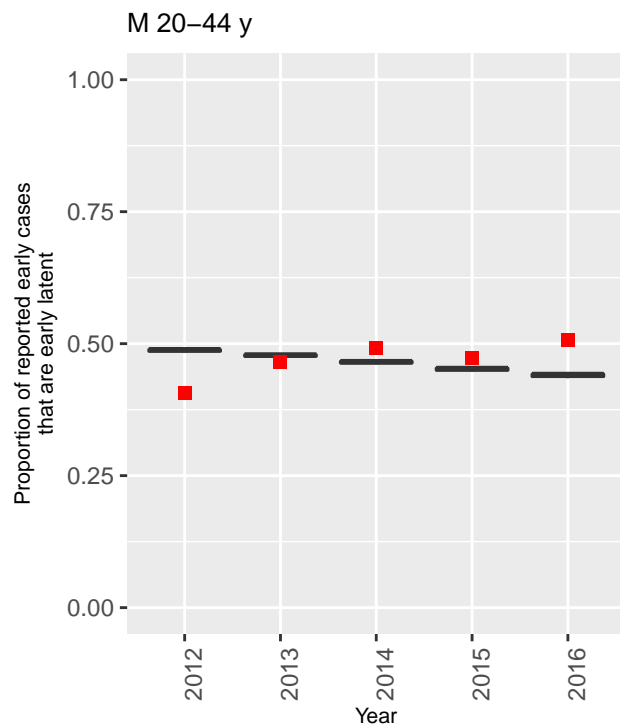
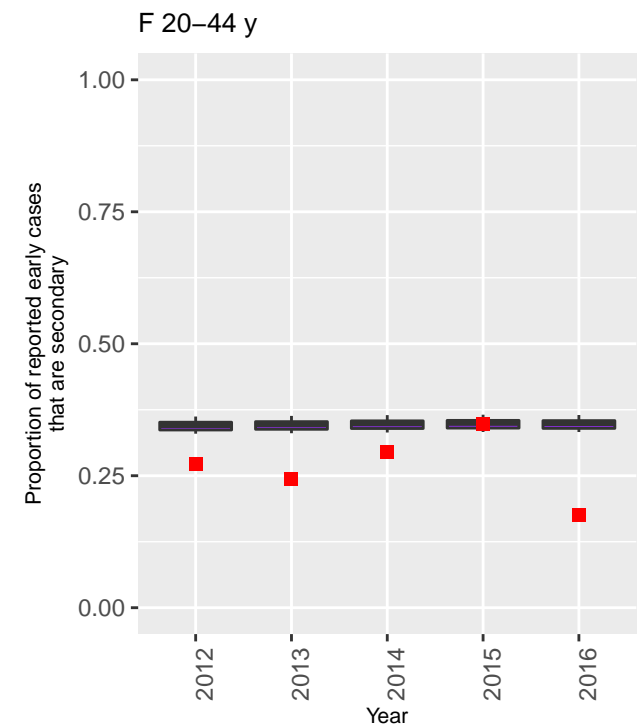
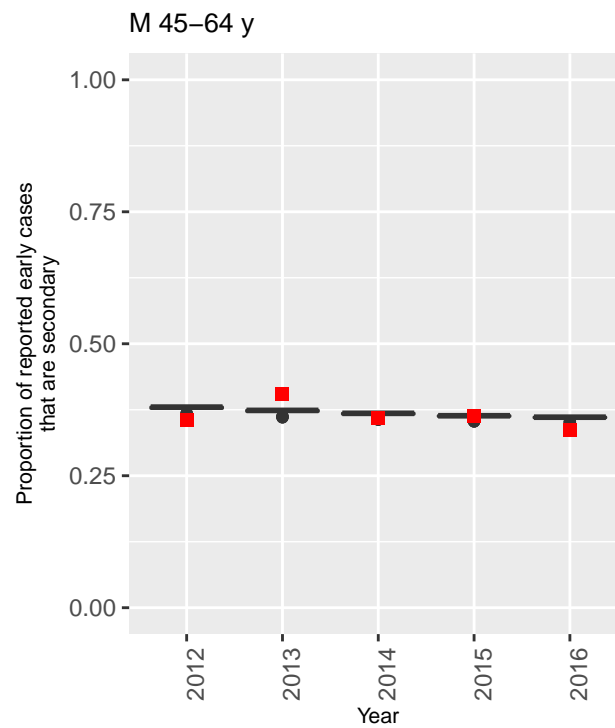
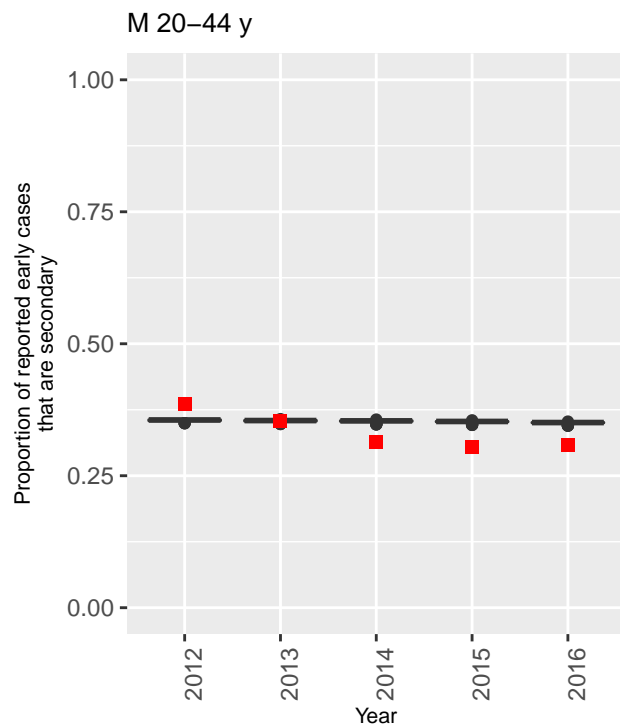
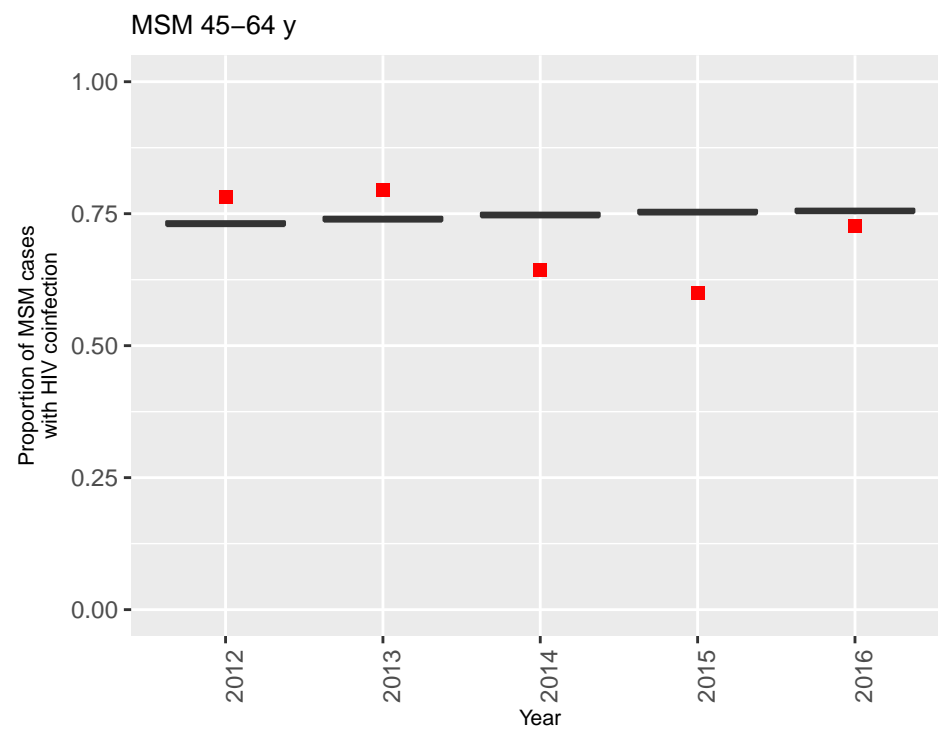
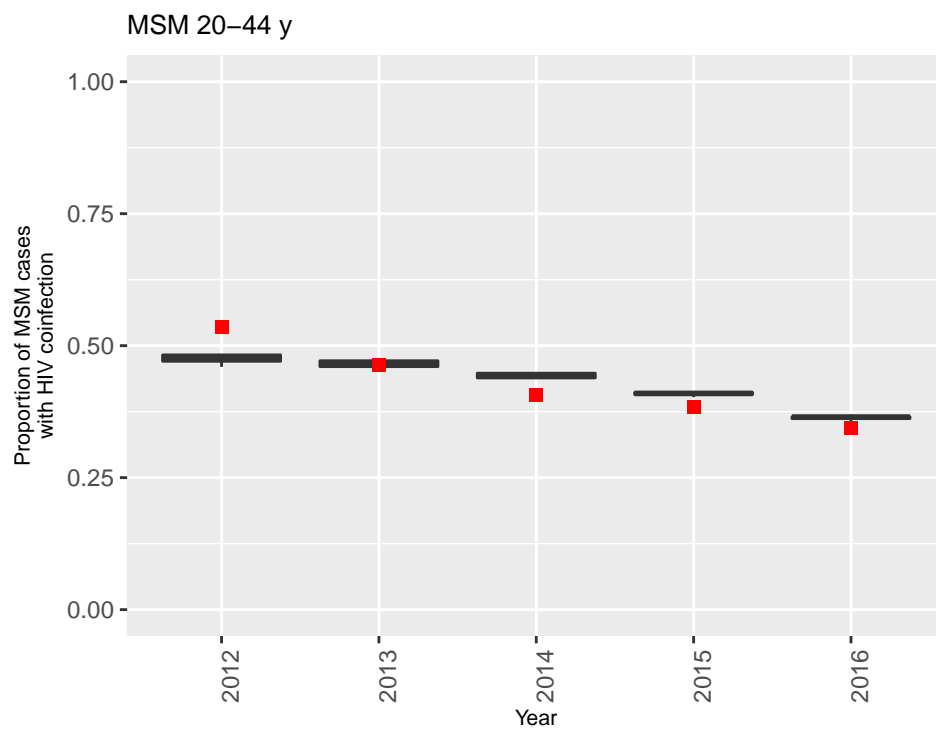
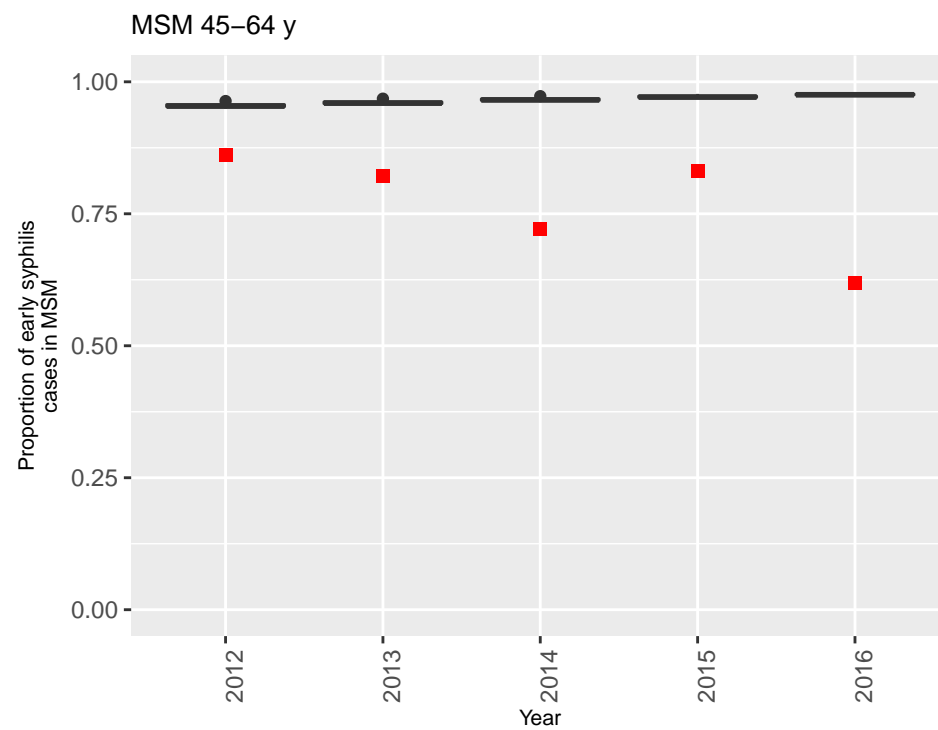
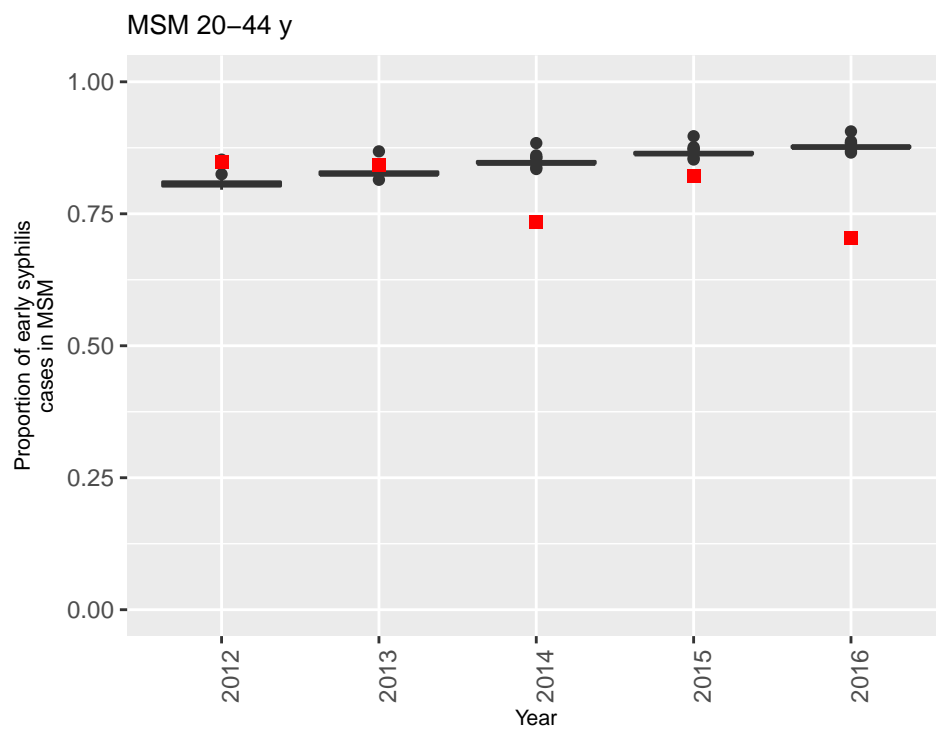


Calibration targets

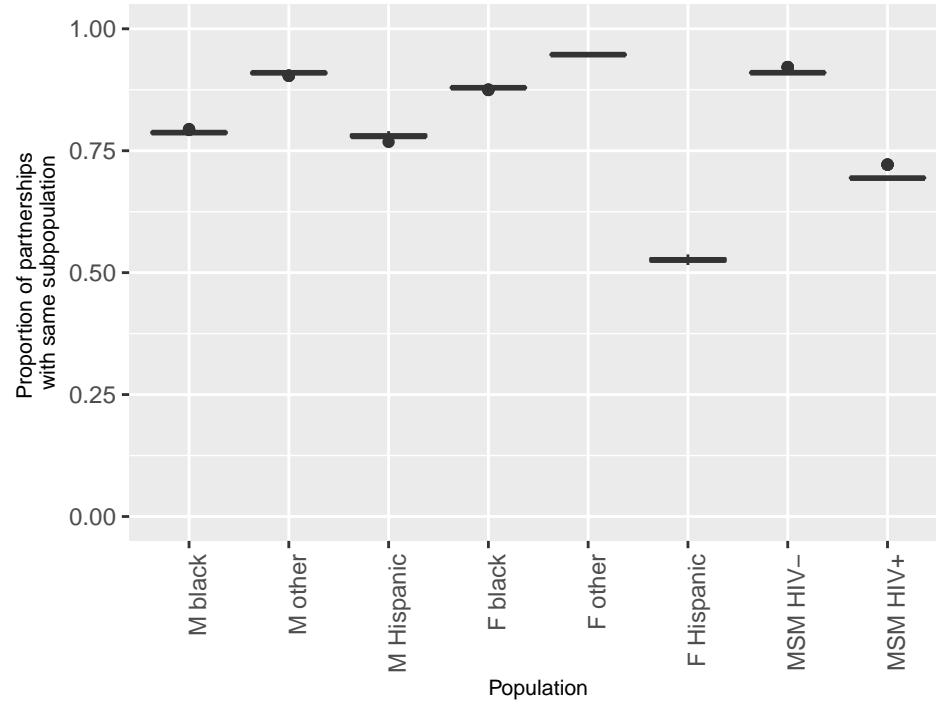


Calibration targets

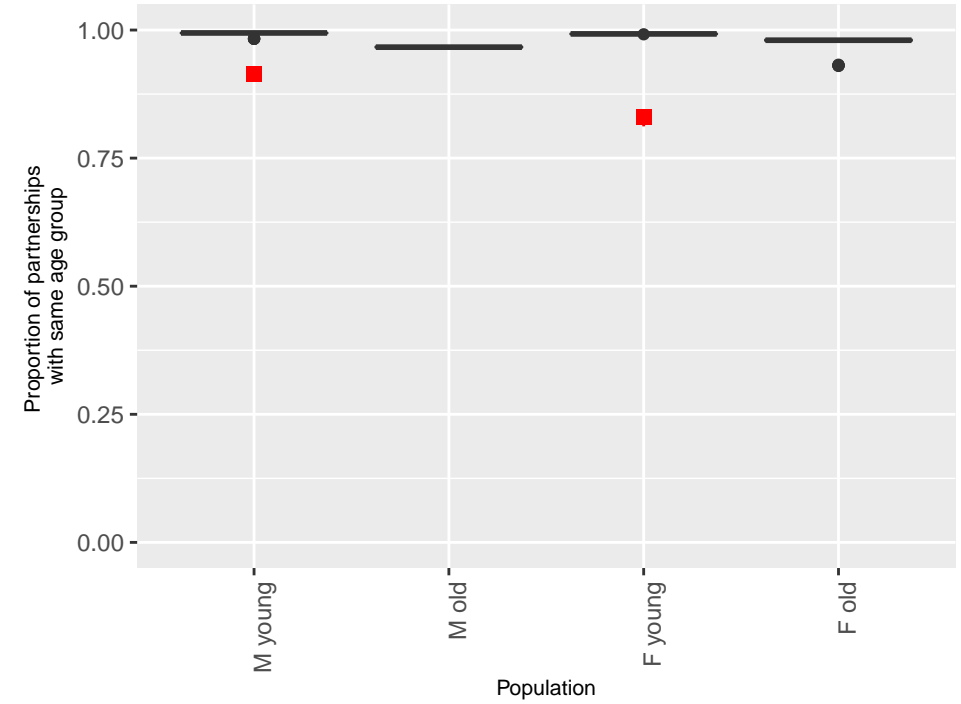


Calibration targets

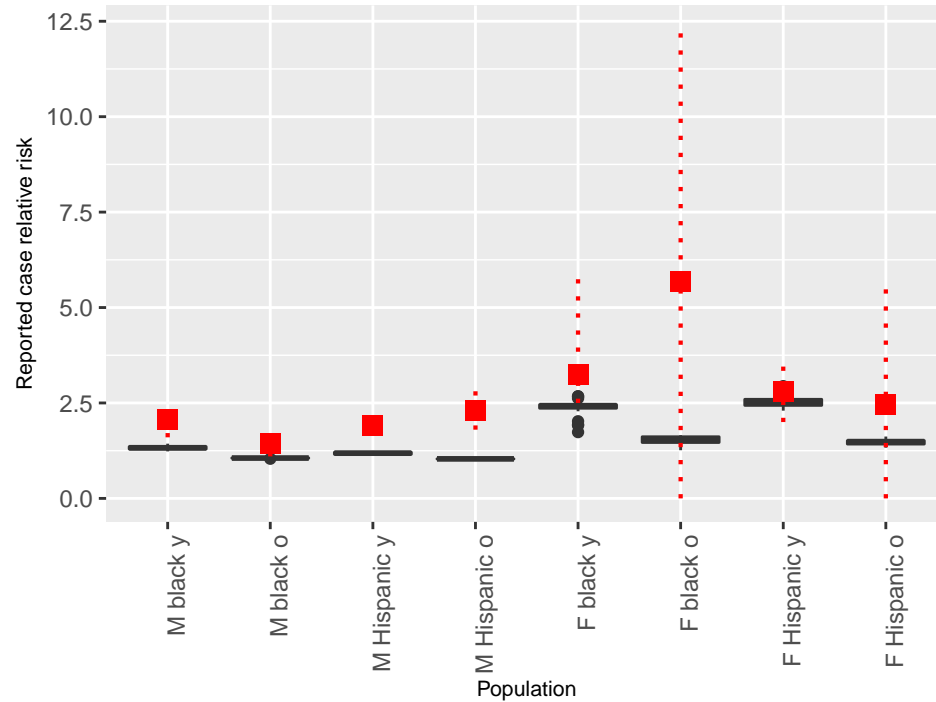
### Subpopulation assortative mixing



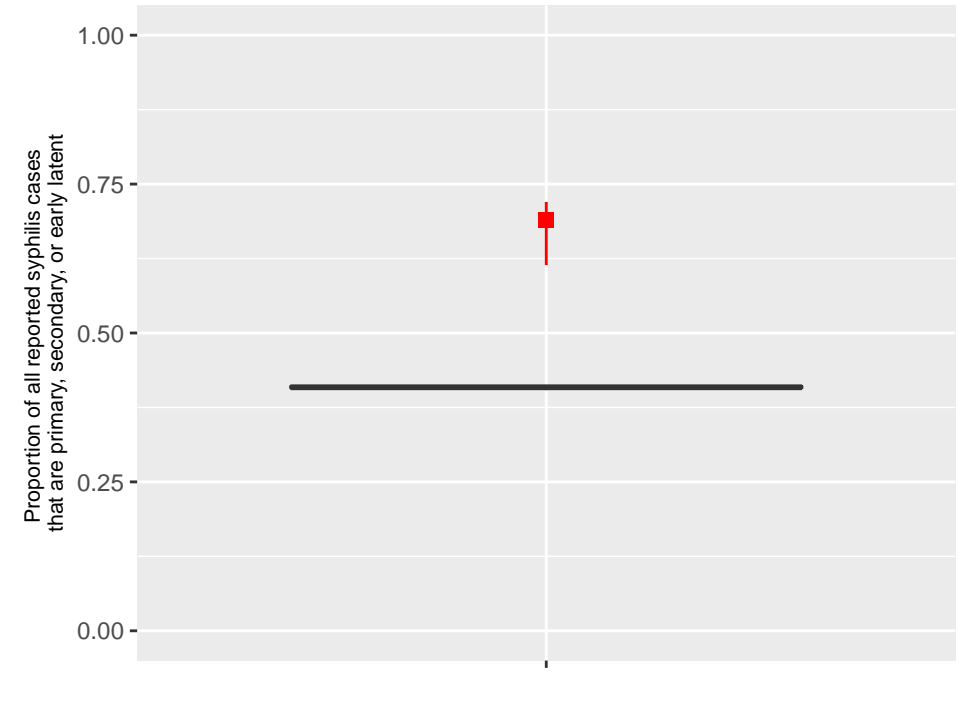
### Age assortative mixing

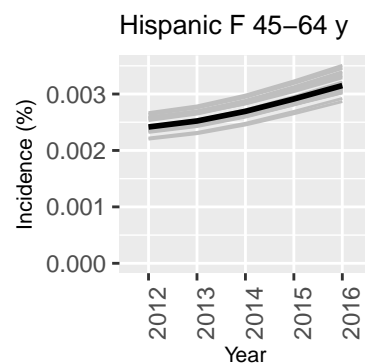
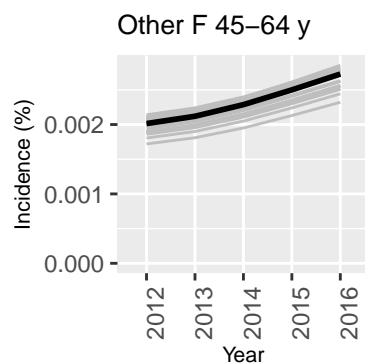
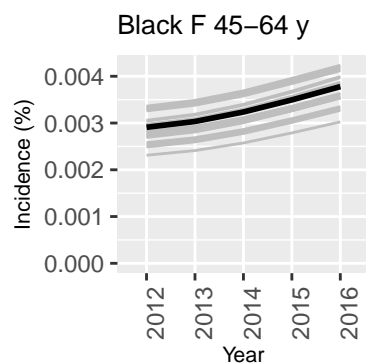
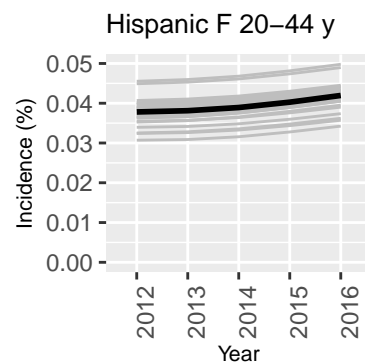
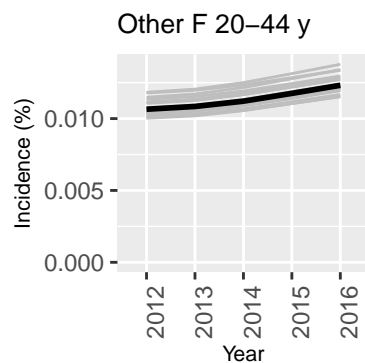
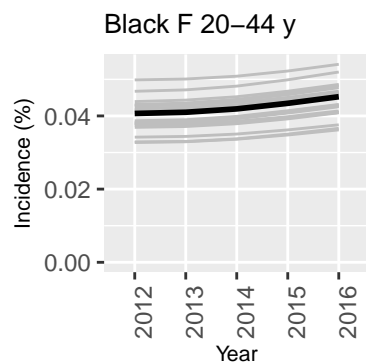
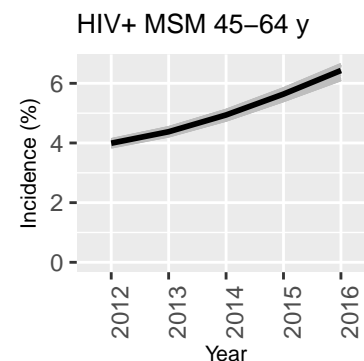
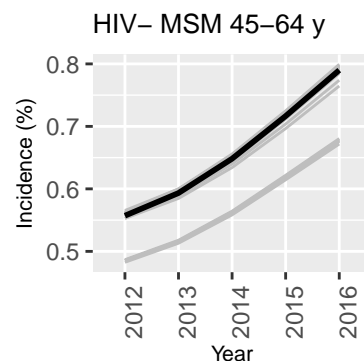
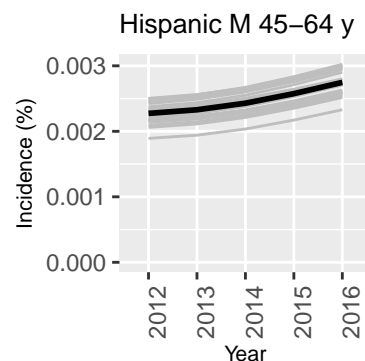
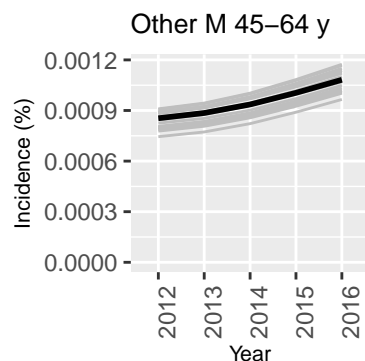
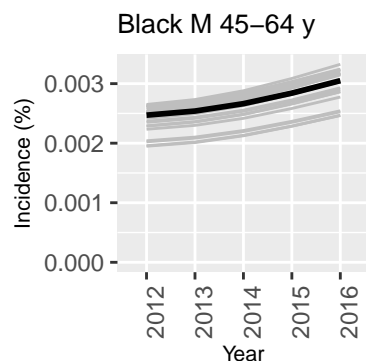
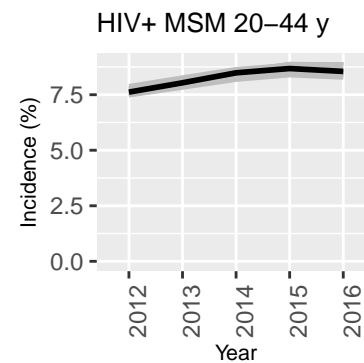
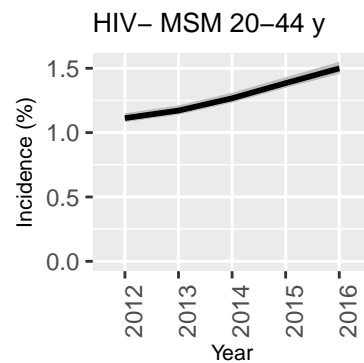
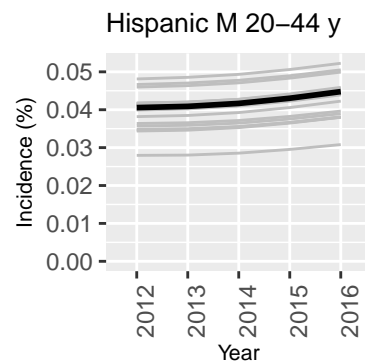
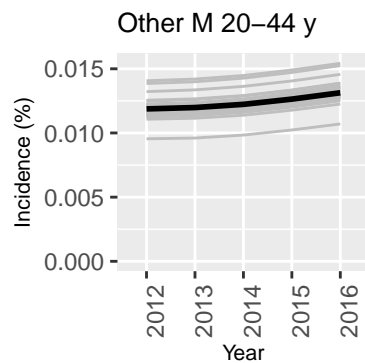
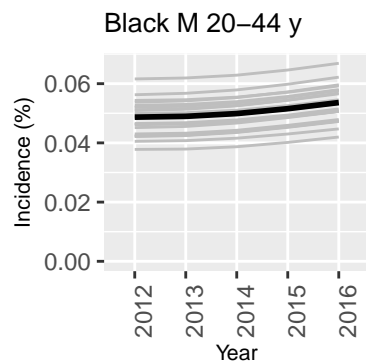


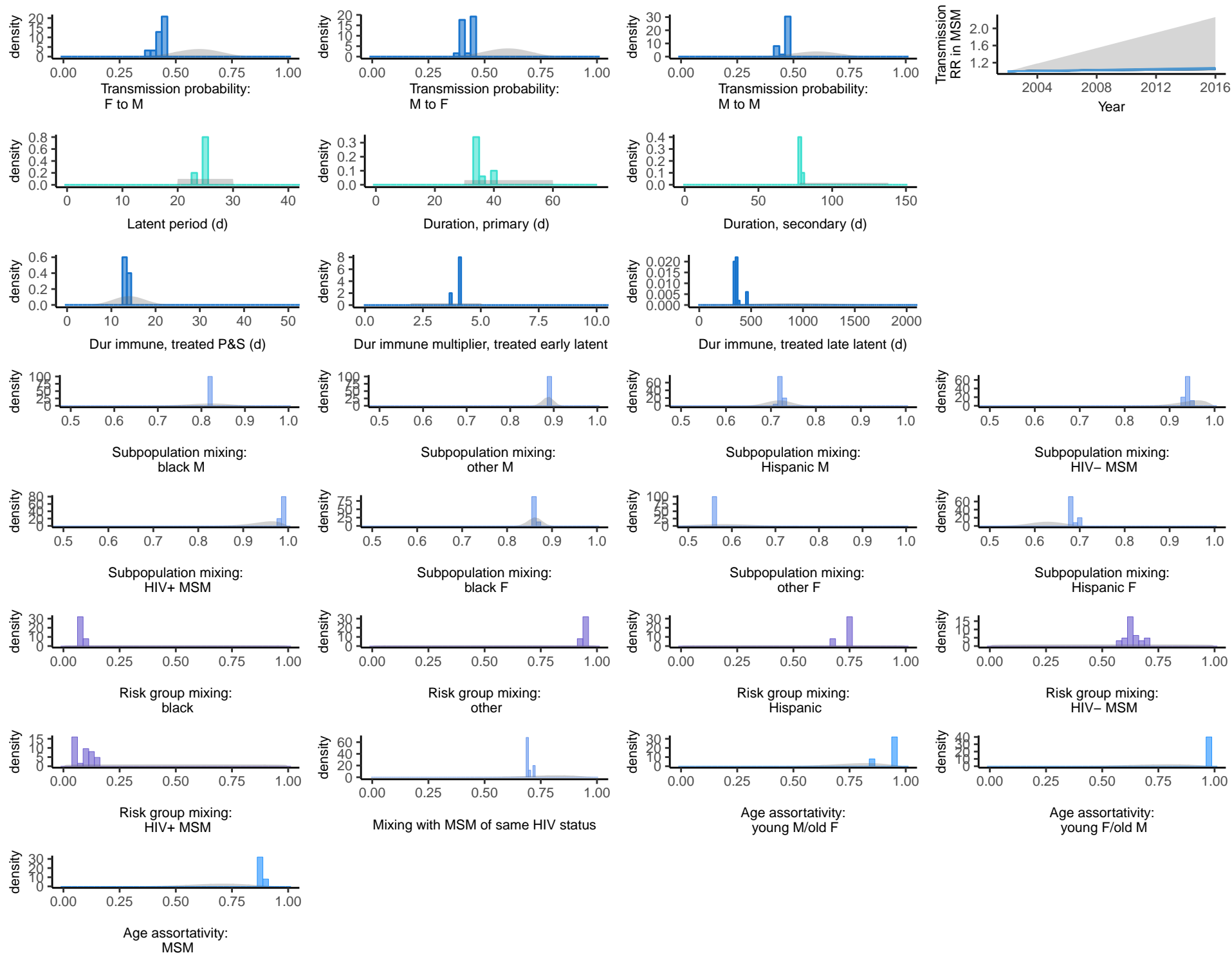
### Relative diagnosis rates in subpopulations



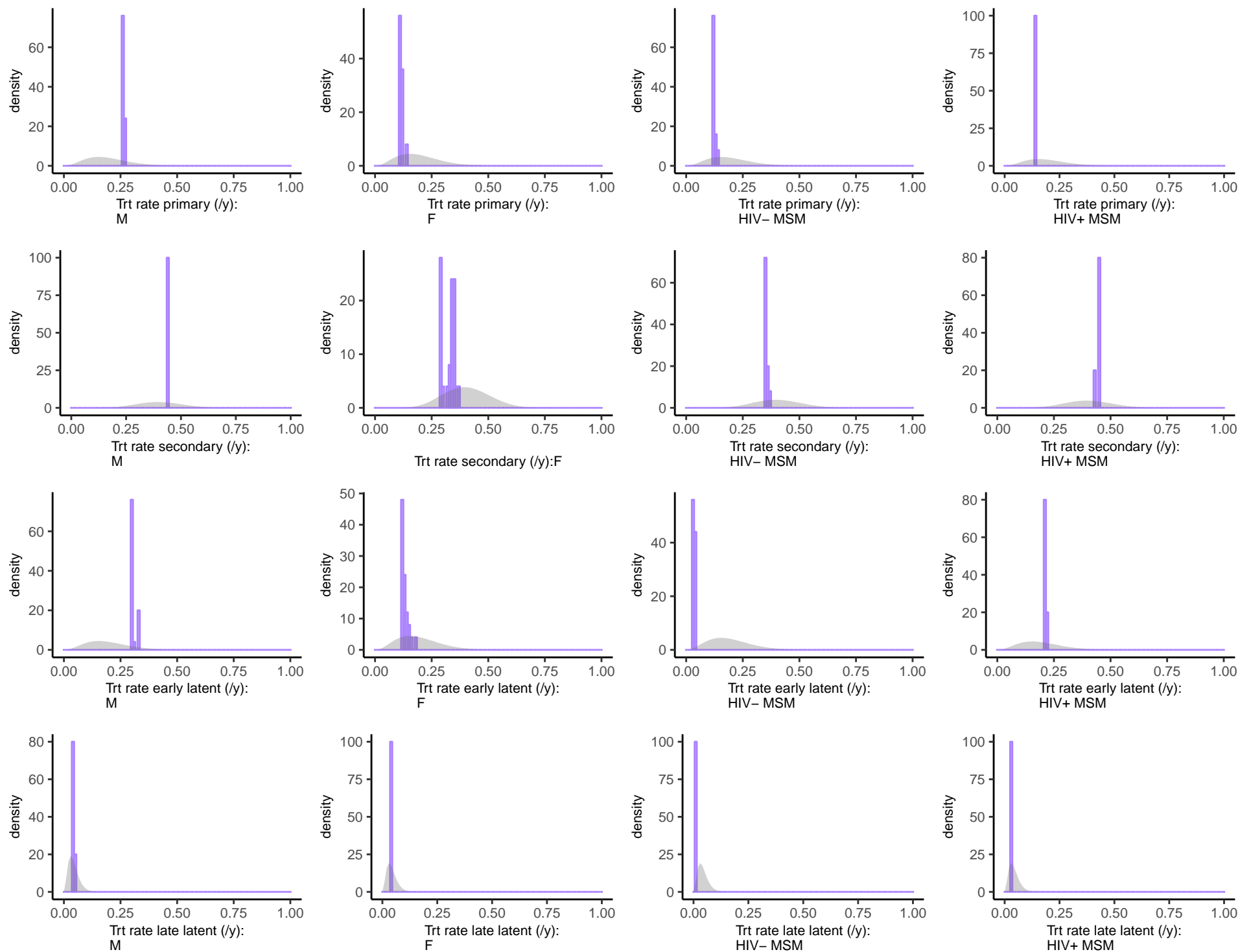
### Proportion early syphilis cases



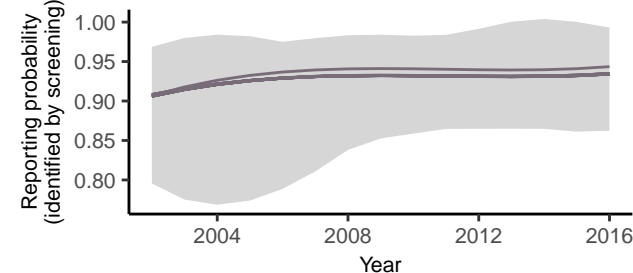
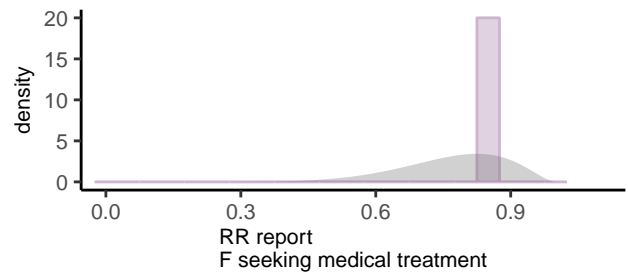
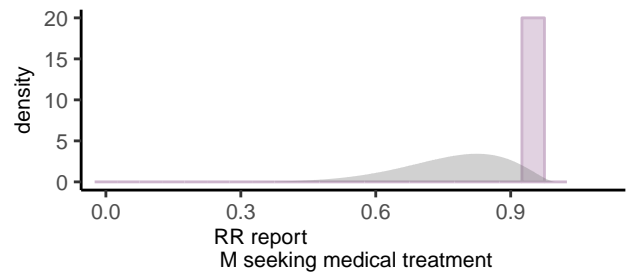
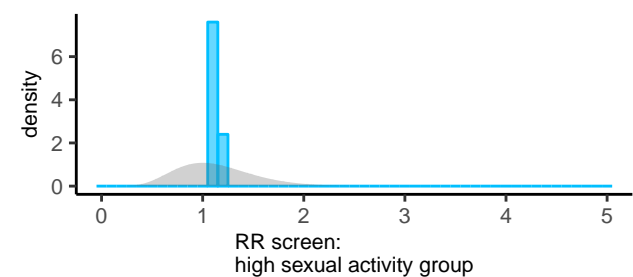
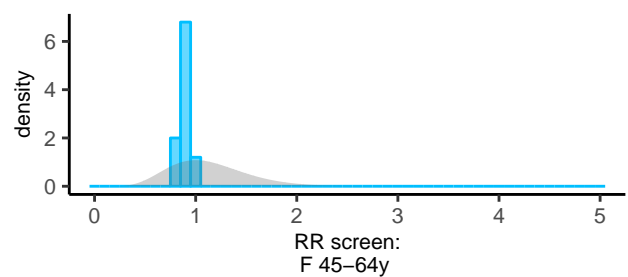
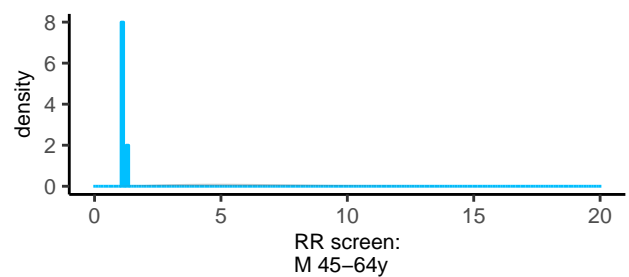
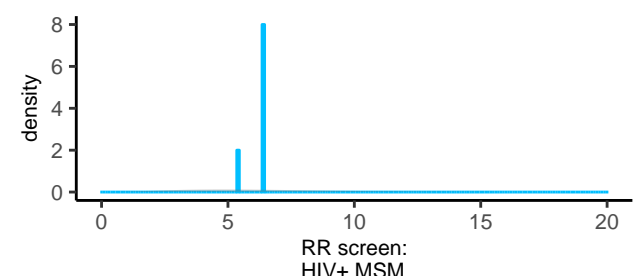
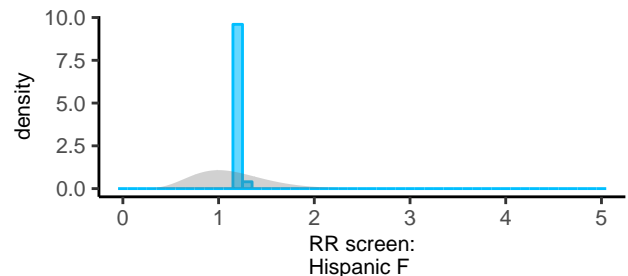
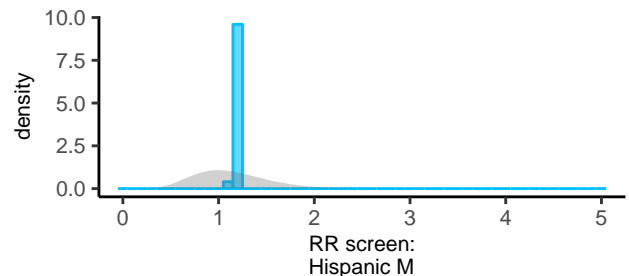
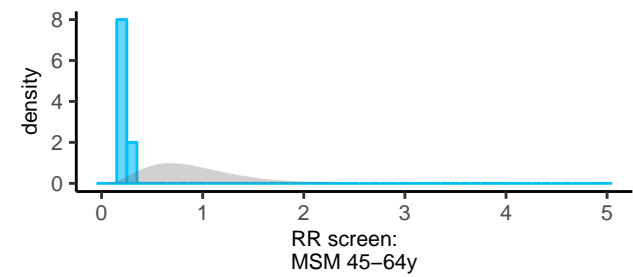
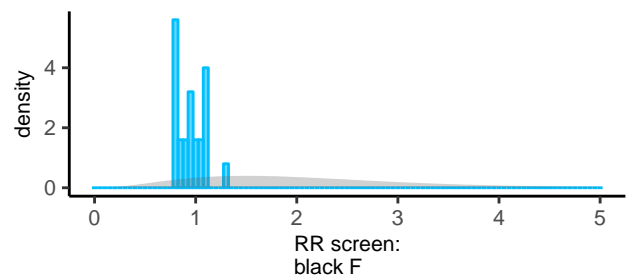
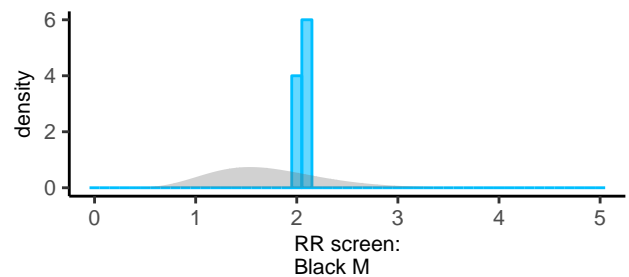
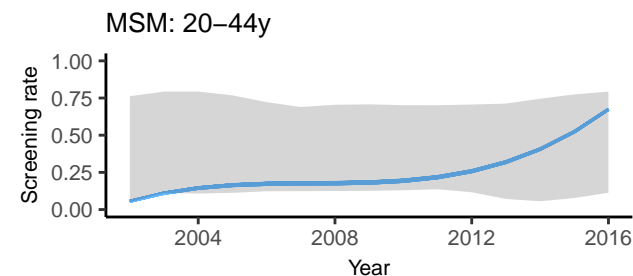
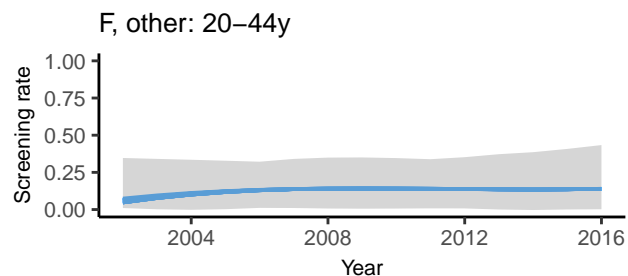
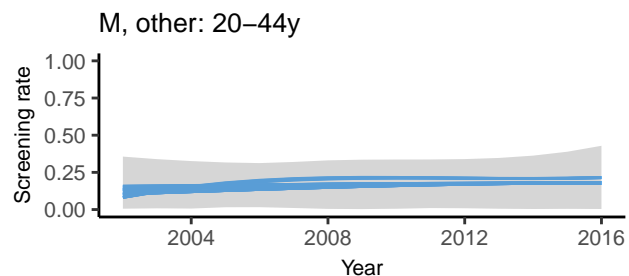




Priors/posteriors (1/4)

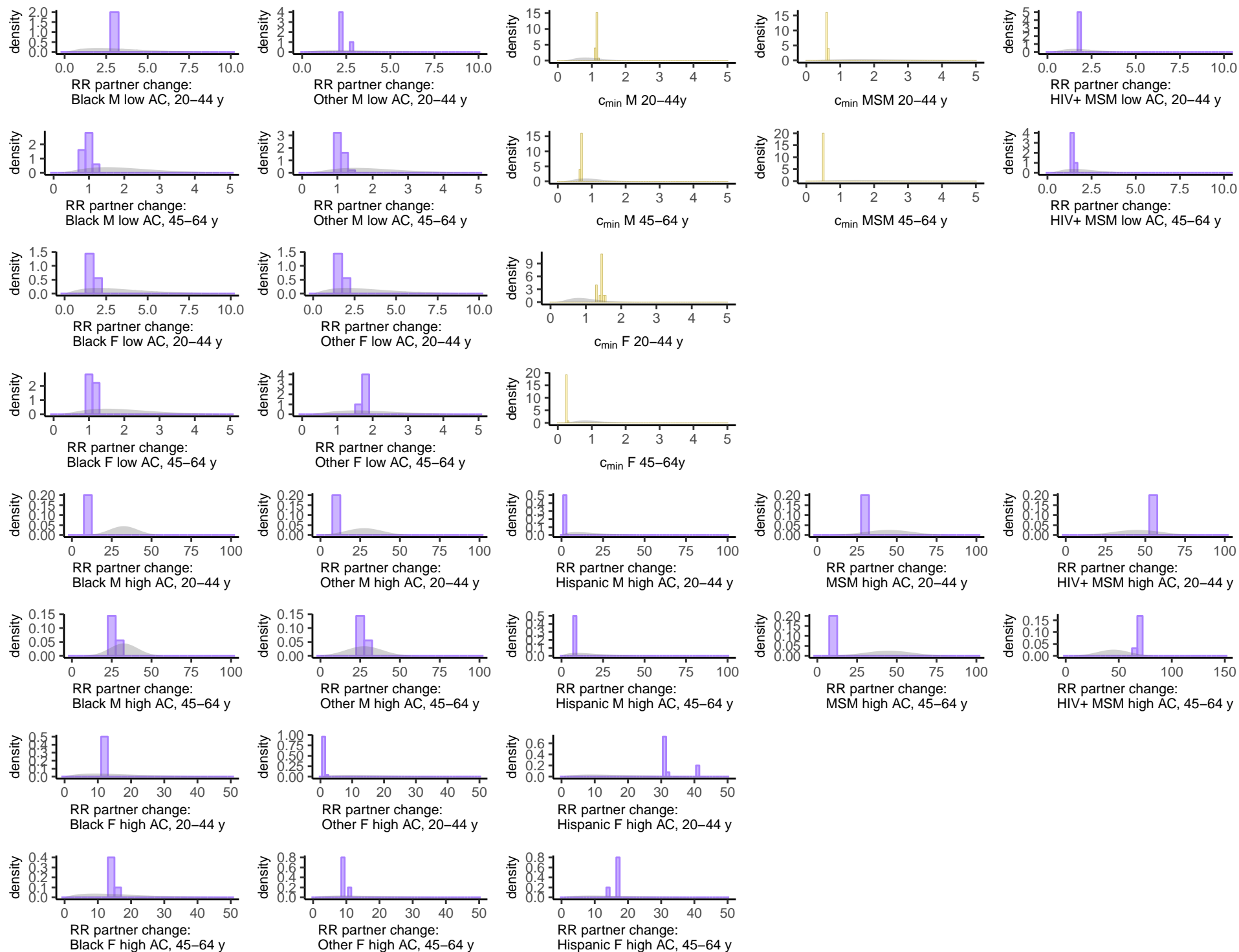


Priors/posteriors (2/4)



Priors/posteriors (3/4)





Priors/posteriors (4/4)