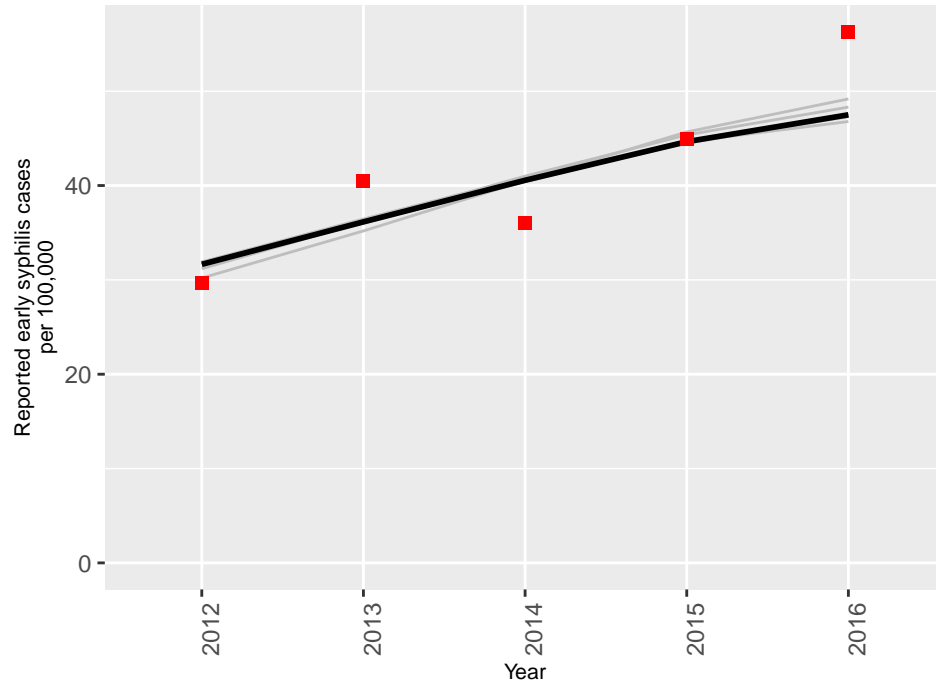
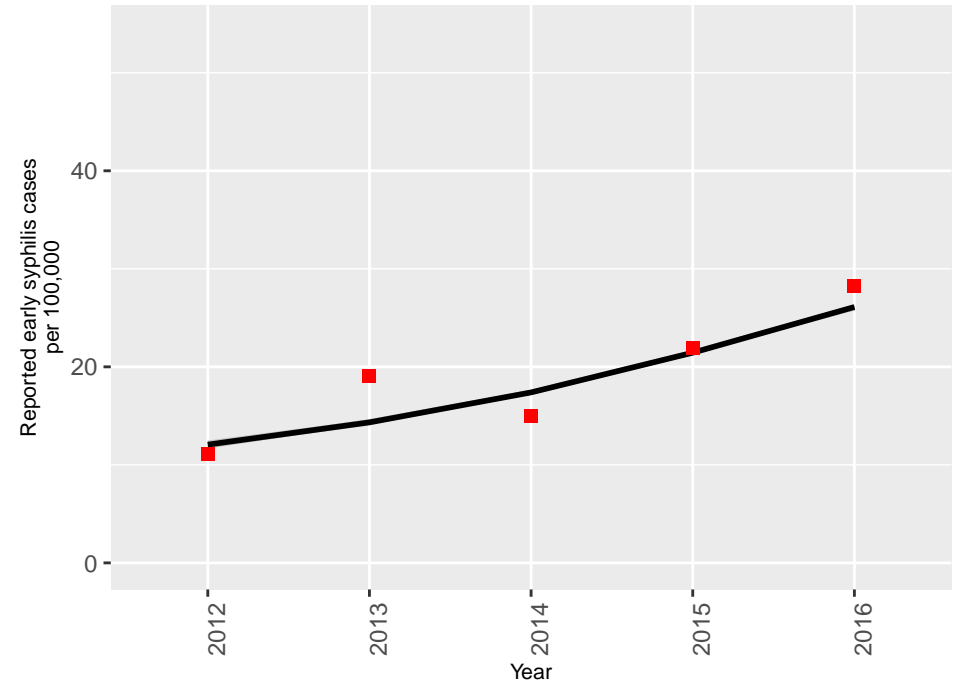


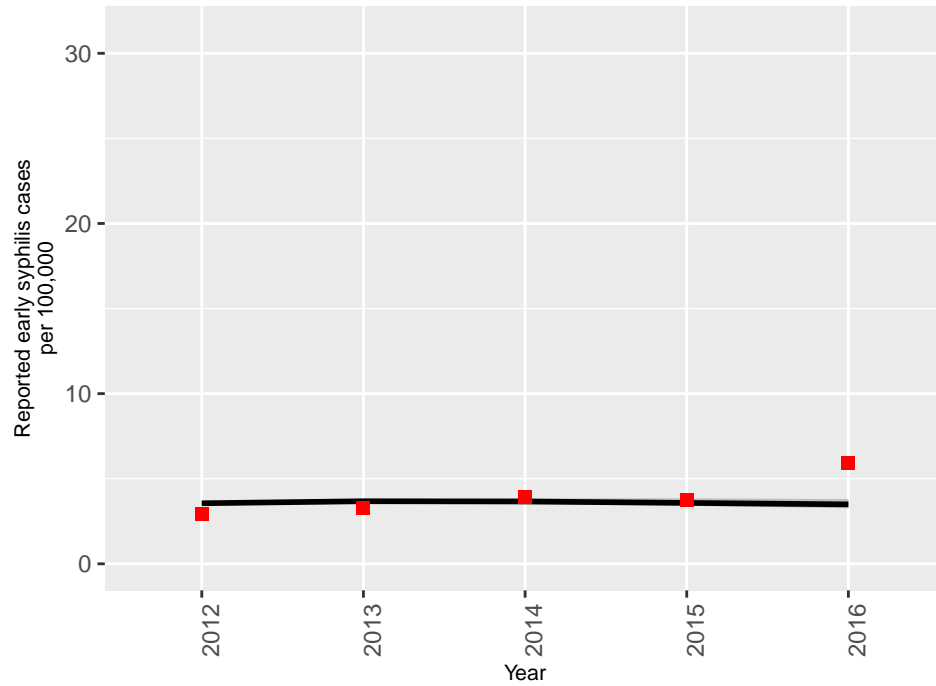
All M 20–44 y



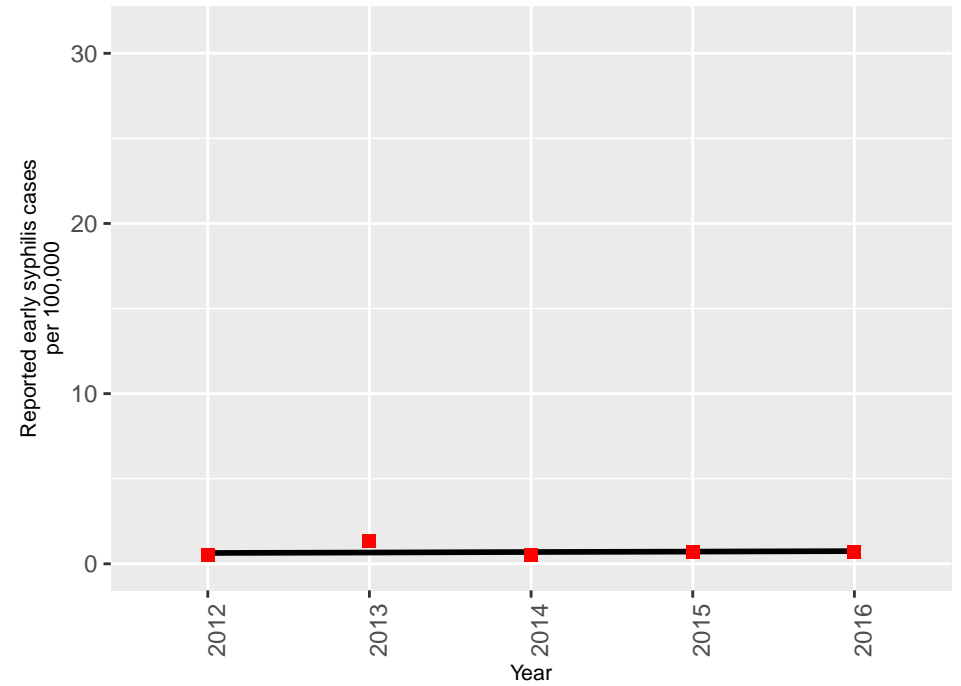
All M 45–64 y



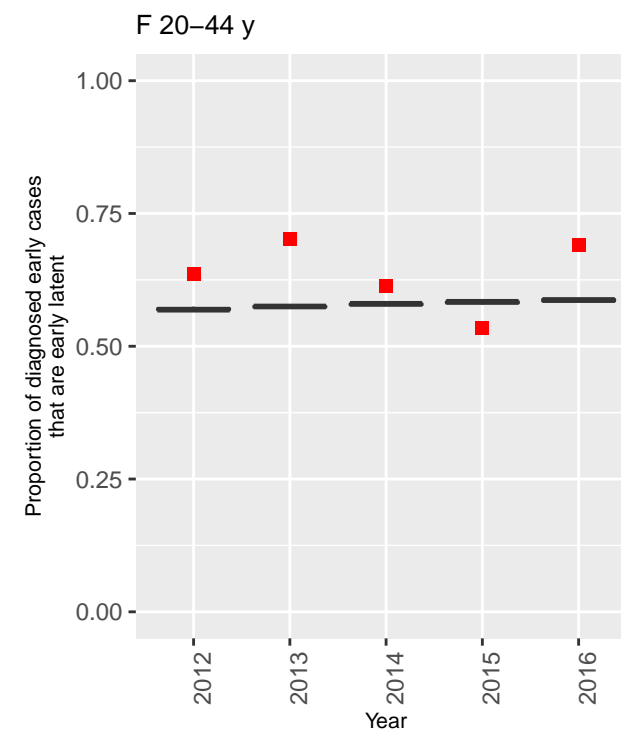
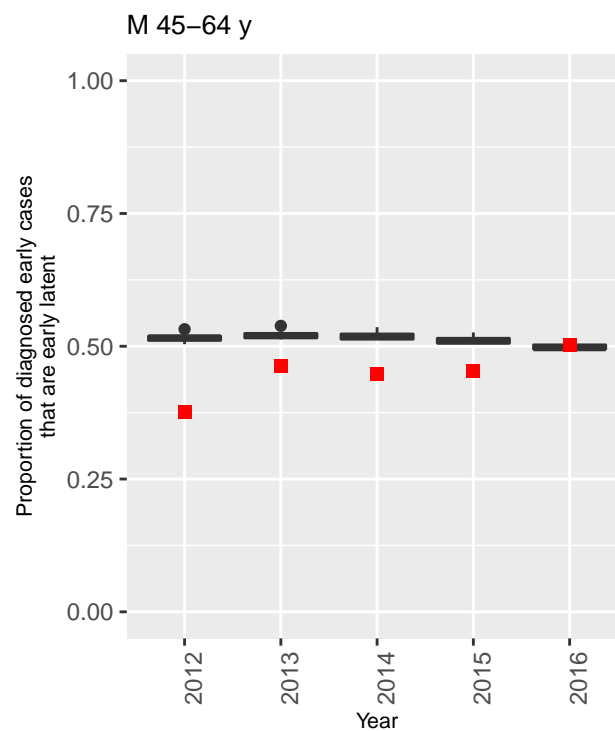
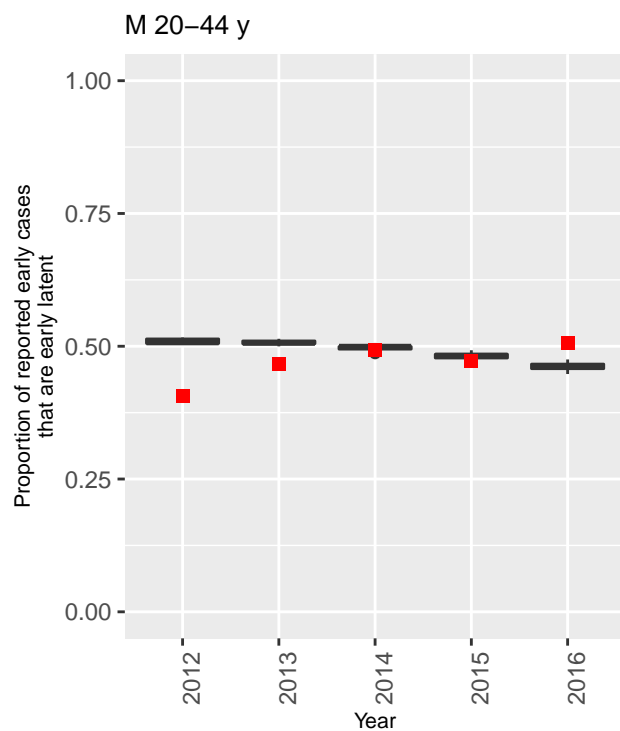
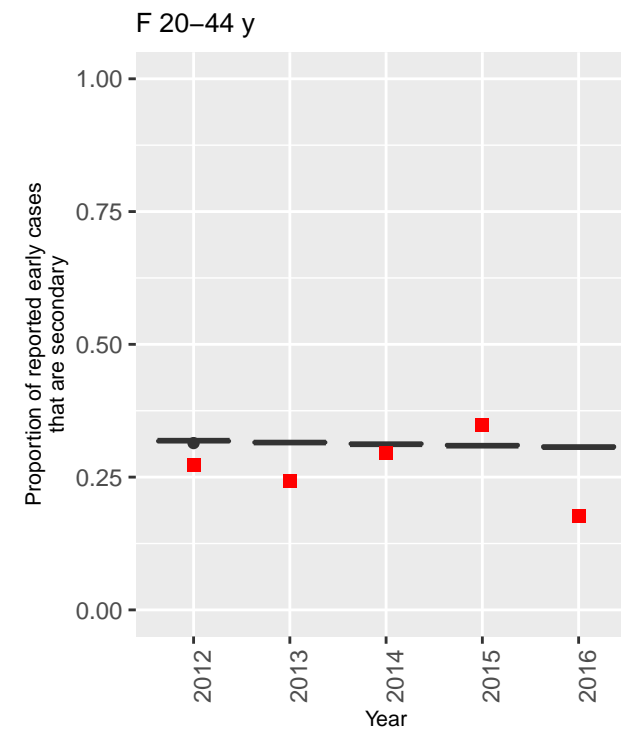
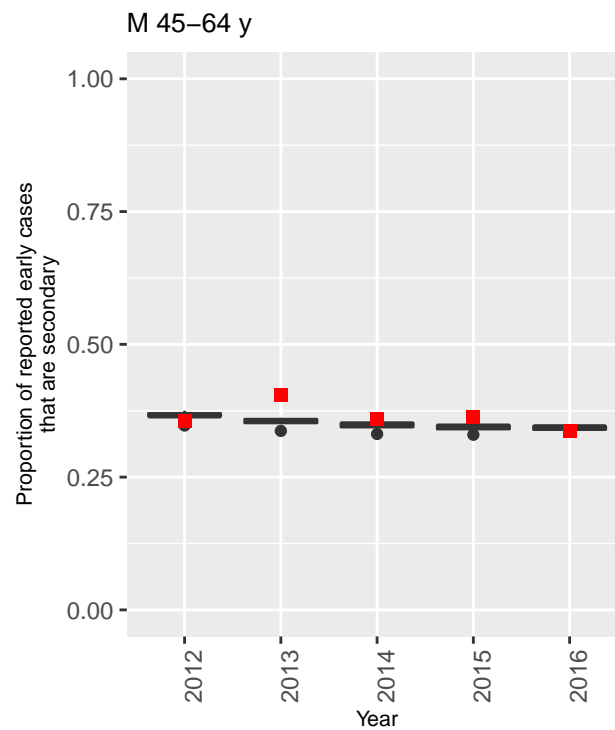
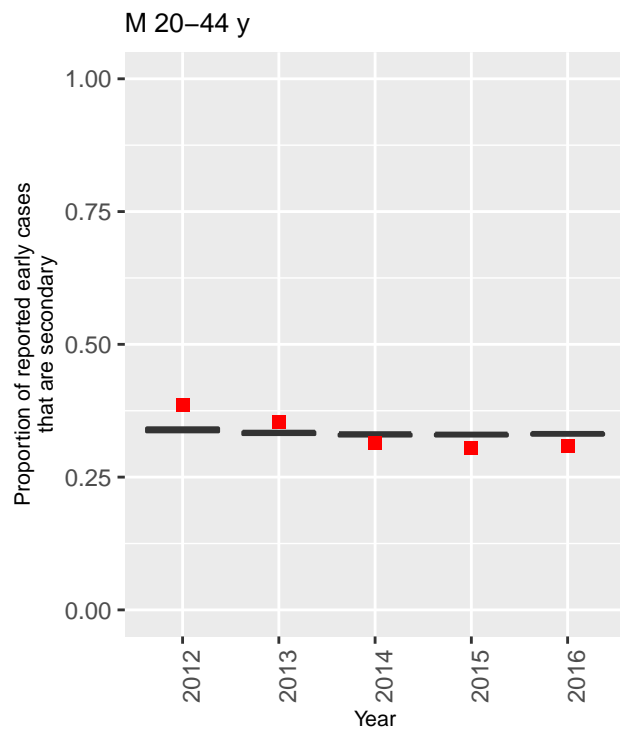
All F 20–44 y



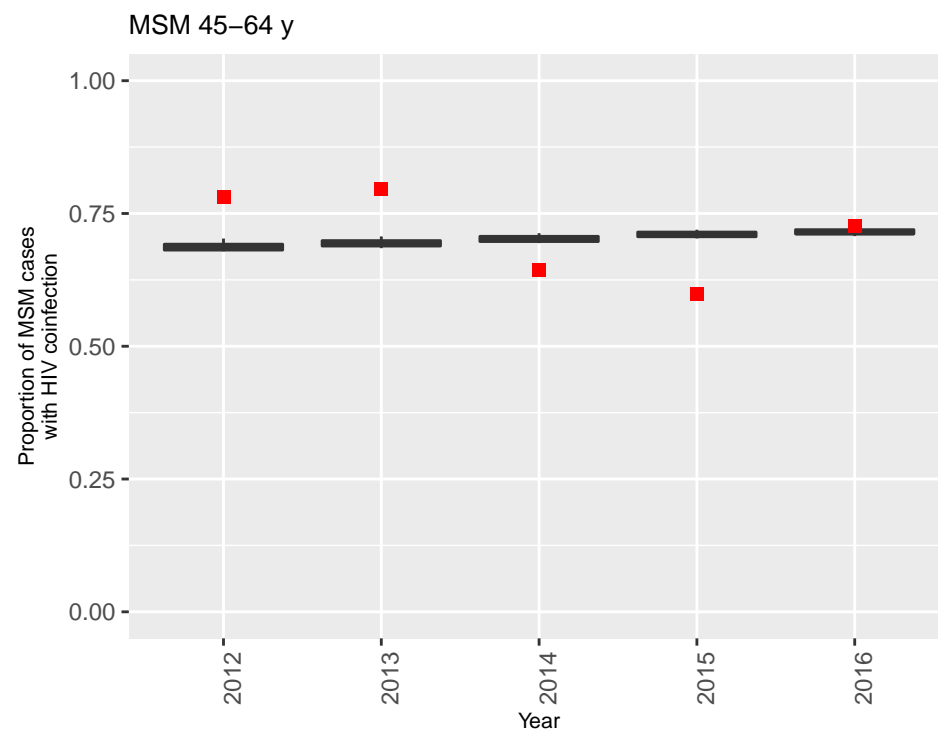
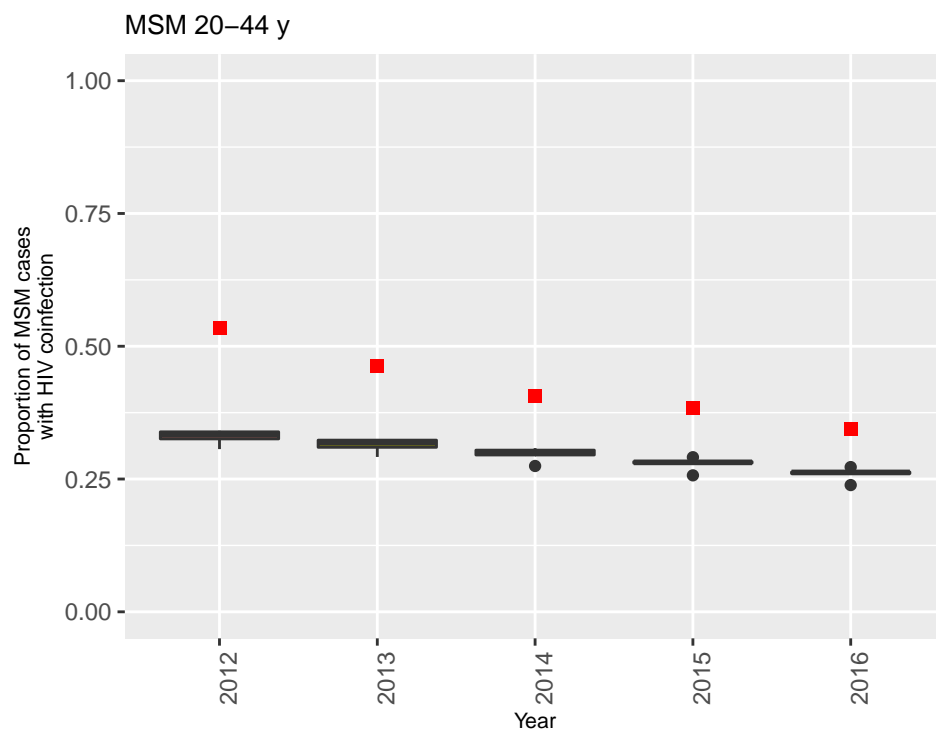
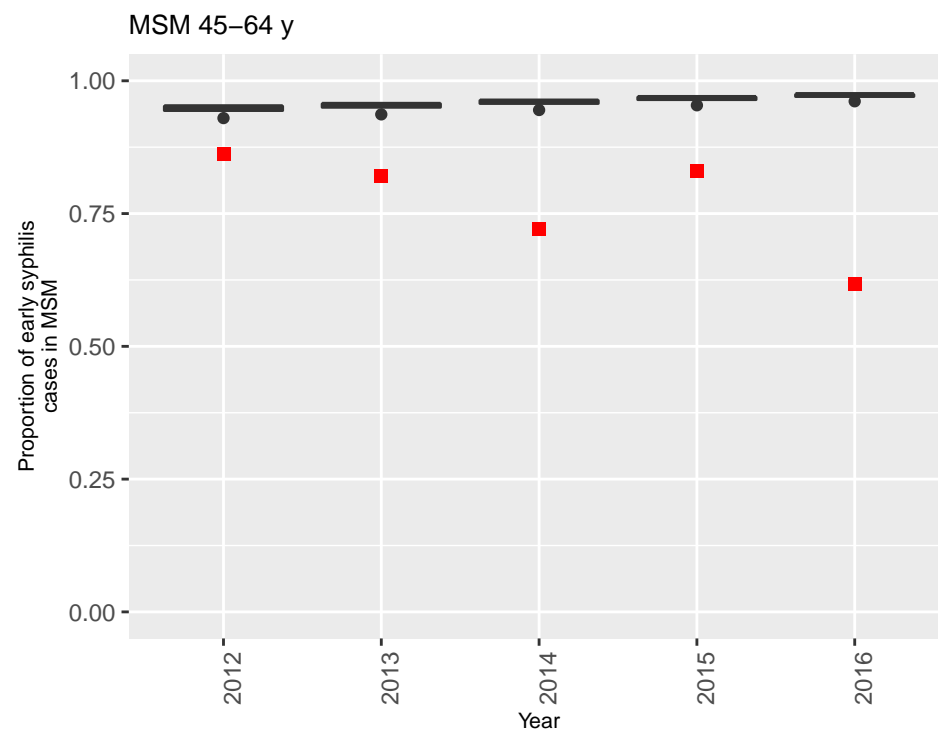
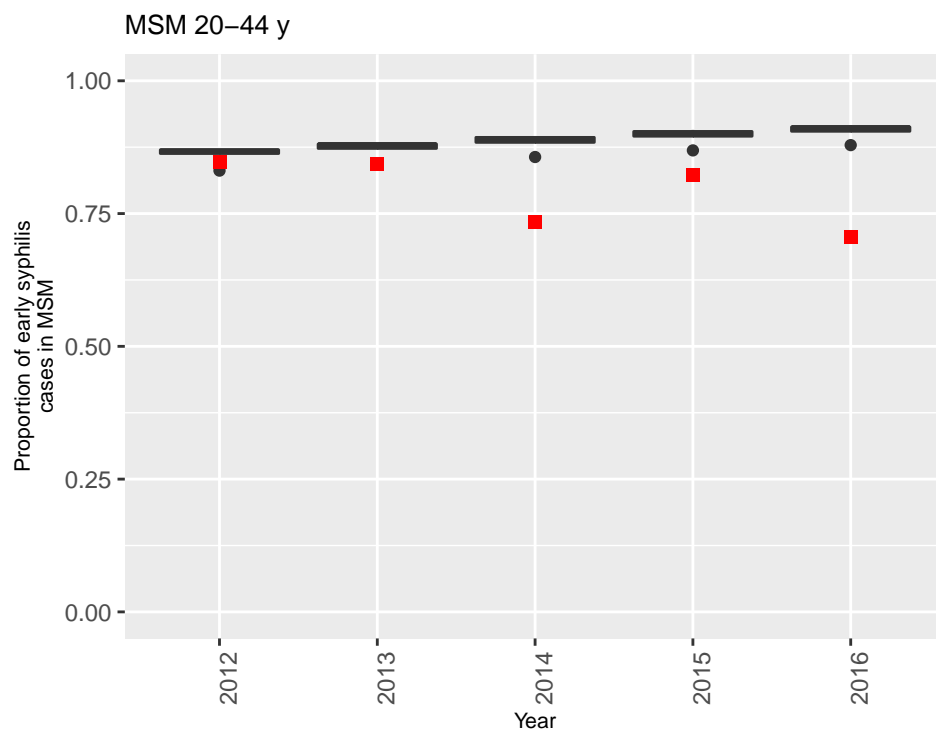
All F 45–64 y



Calibration targets

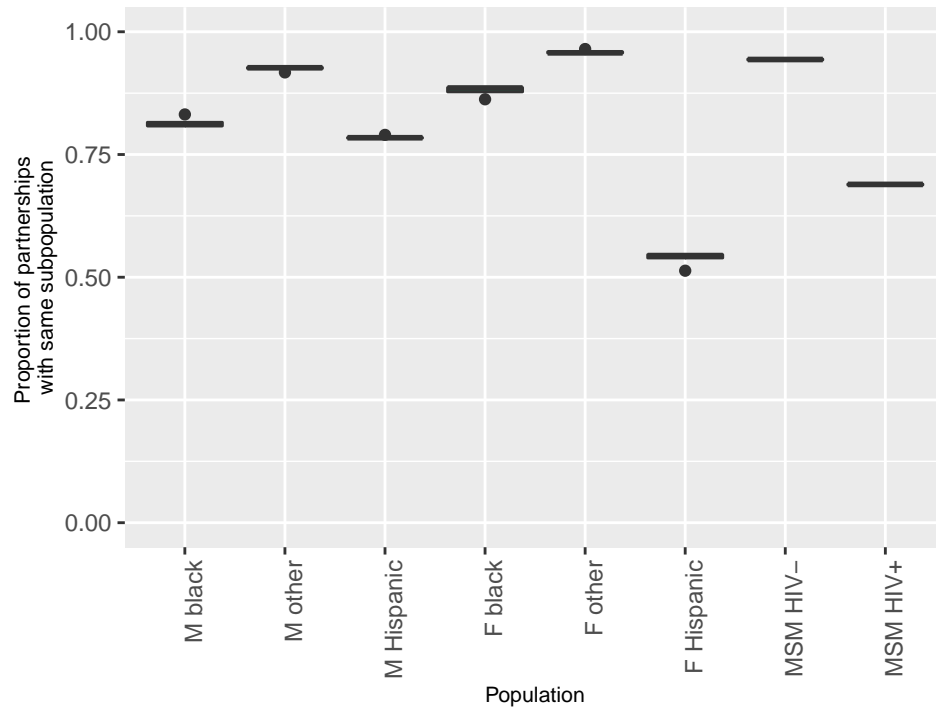


Calibration targets

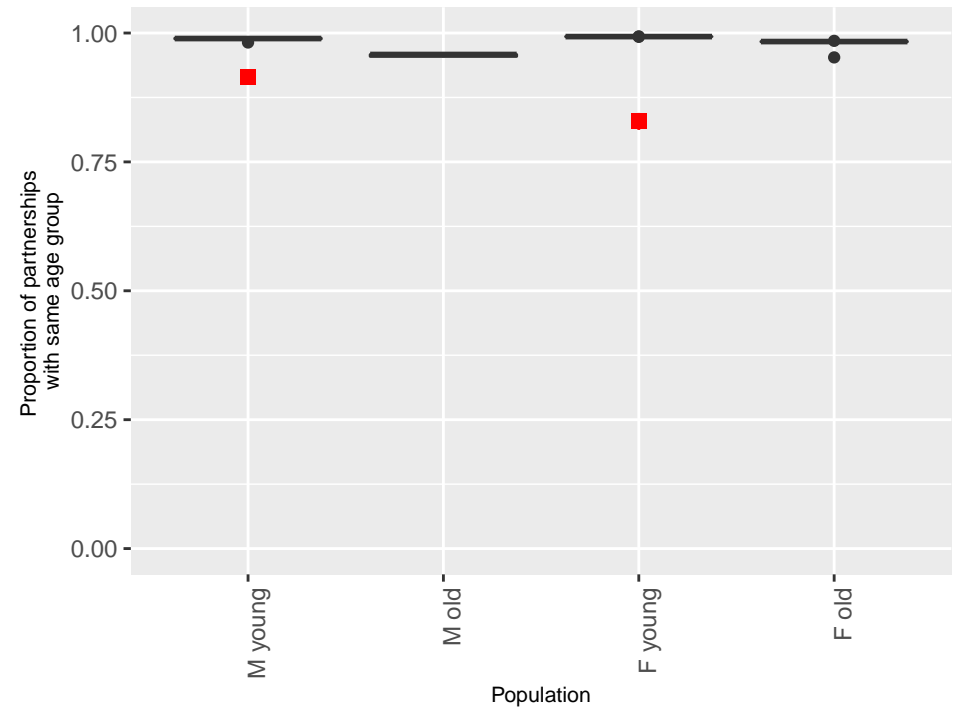


Calibration targets

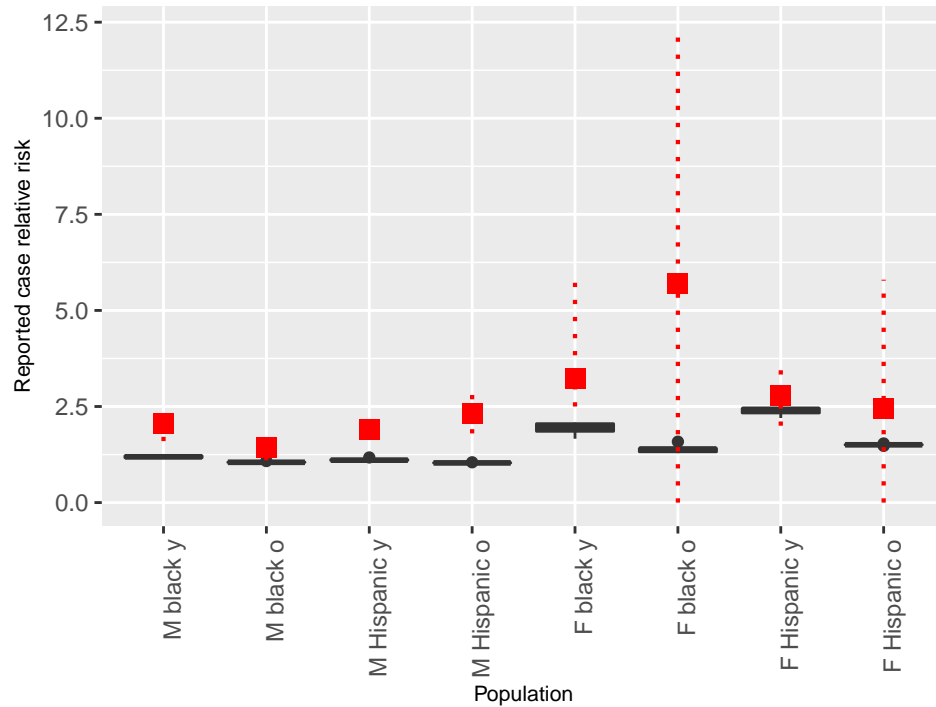
### Subpopulation assortative mixing



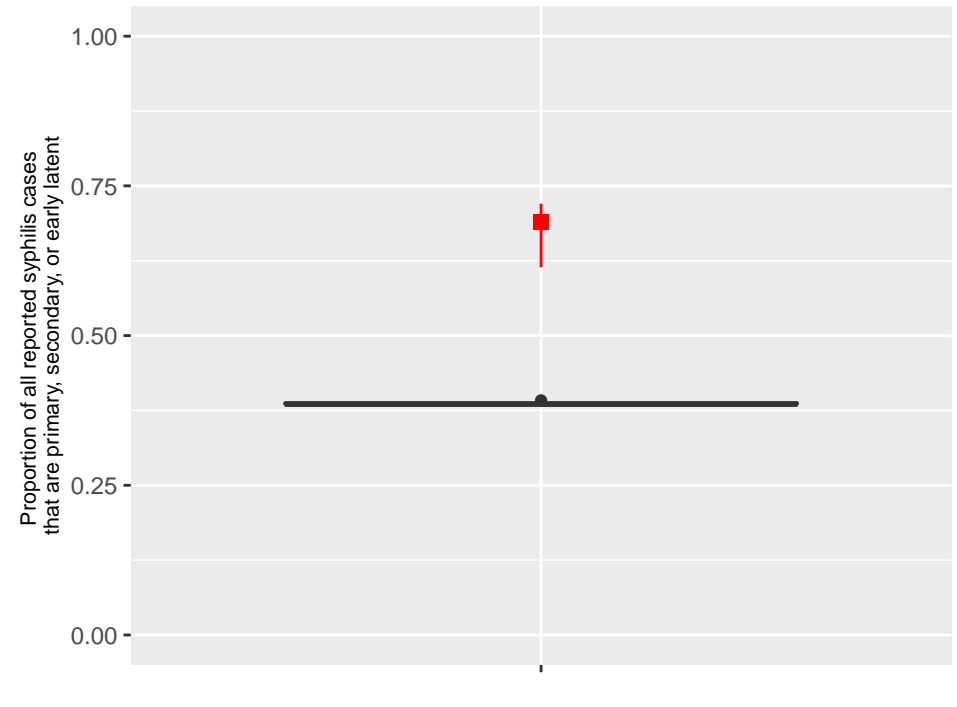
### Age assortative mixing

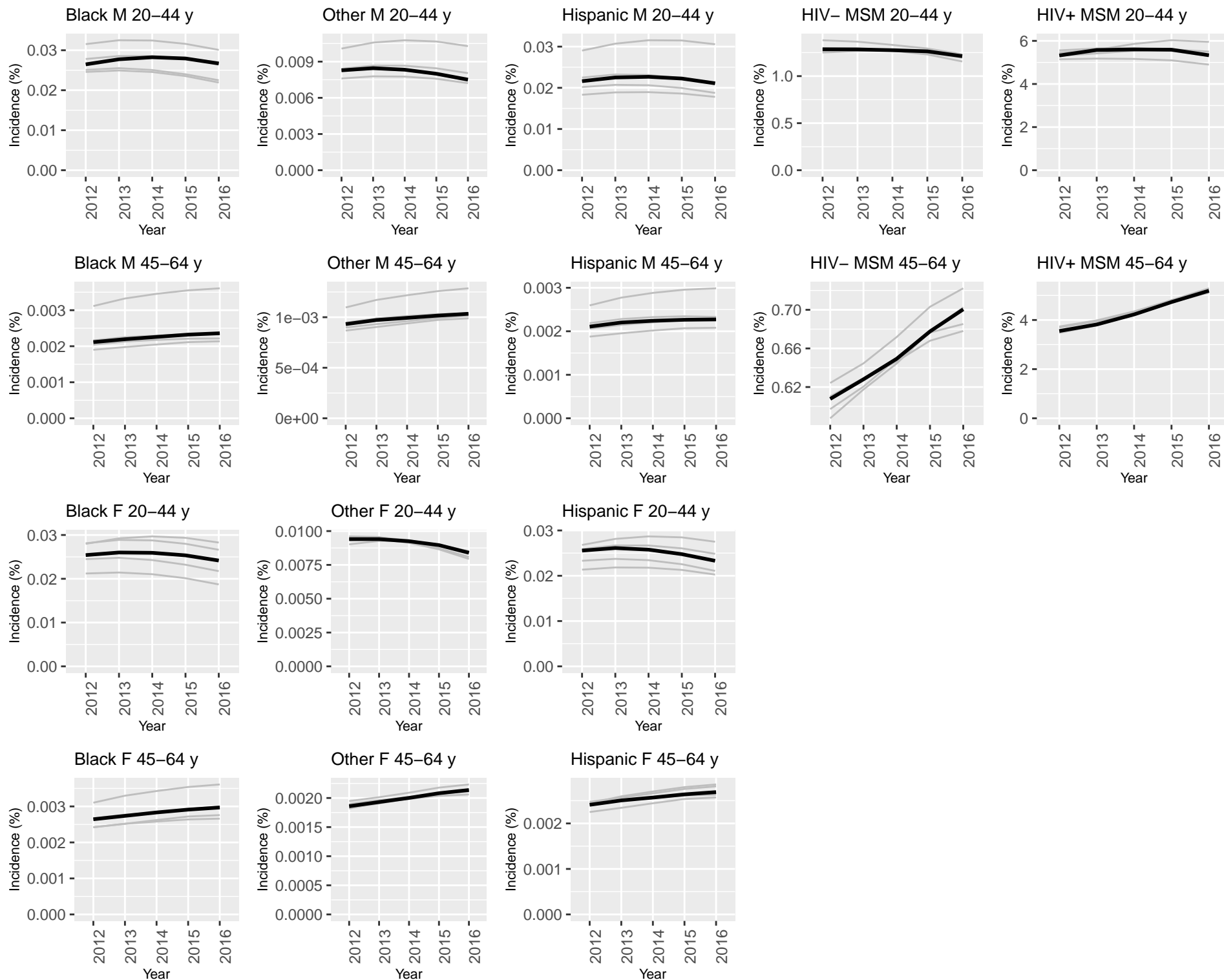


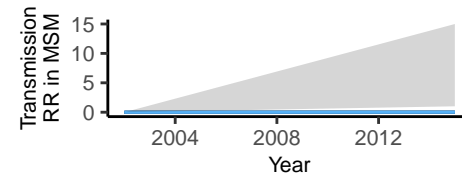
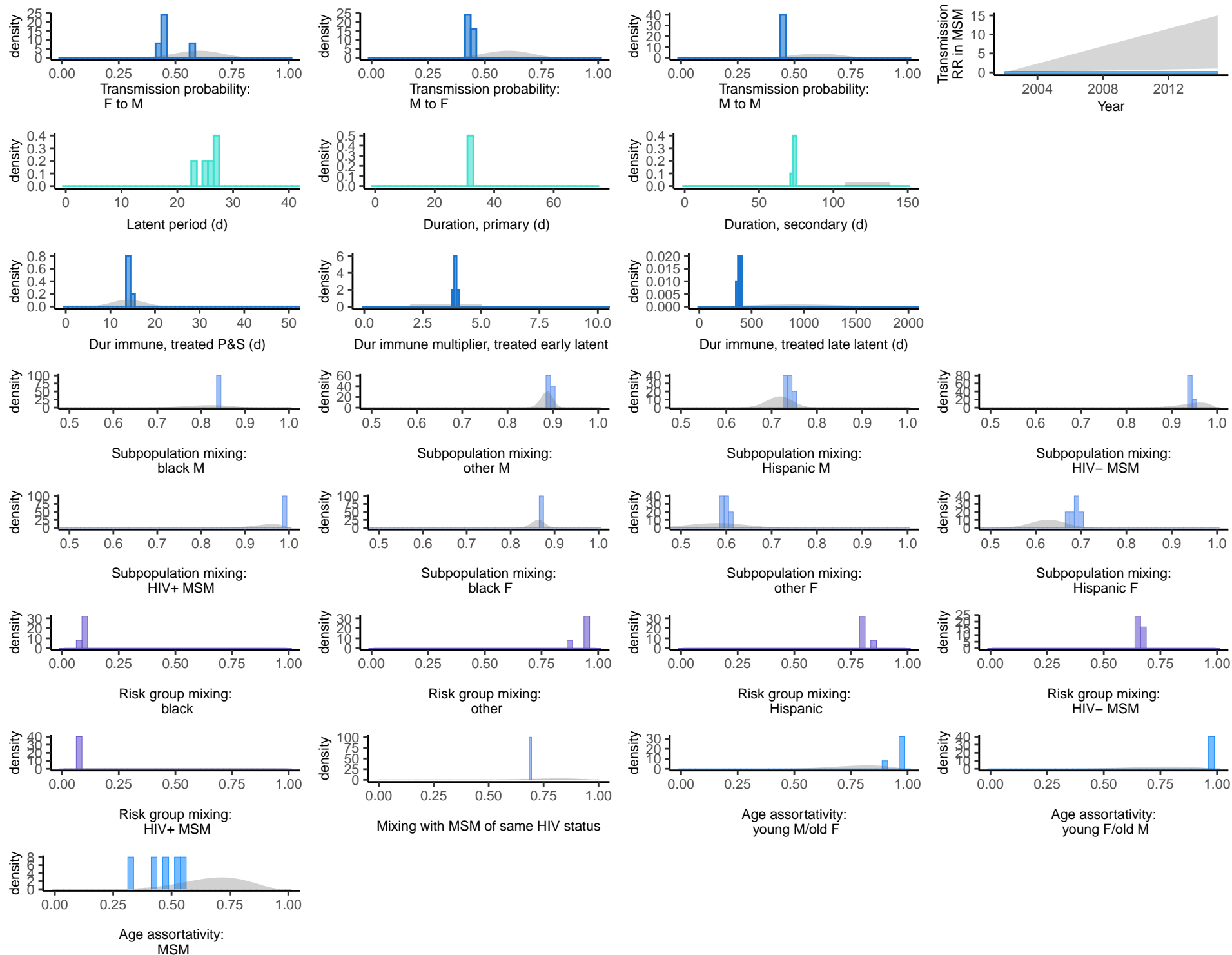
### Relative diagnosis rates in subpopulations

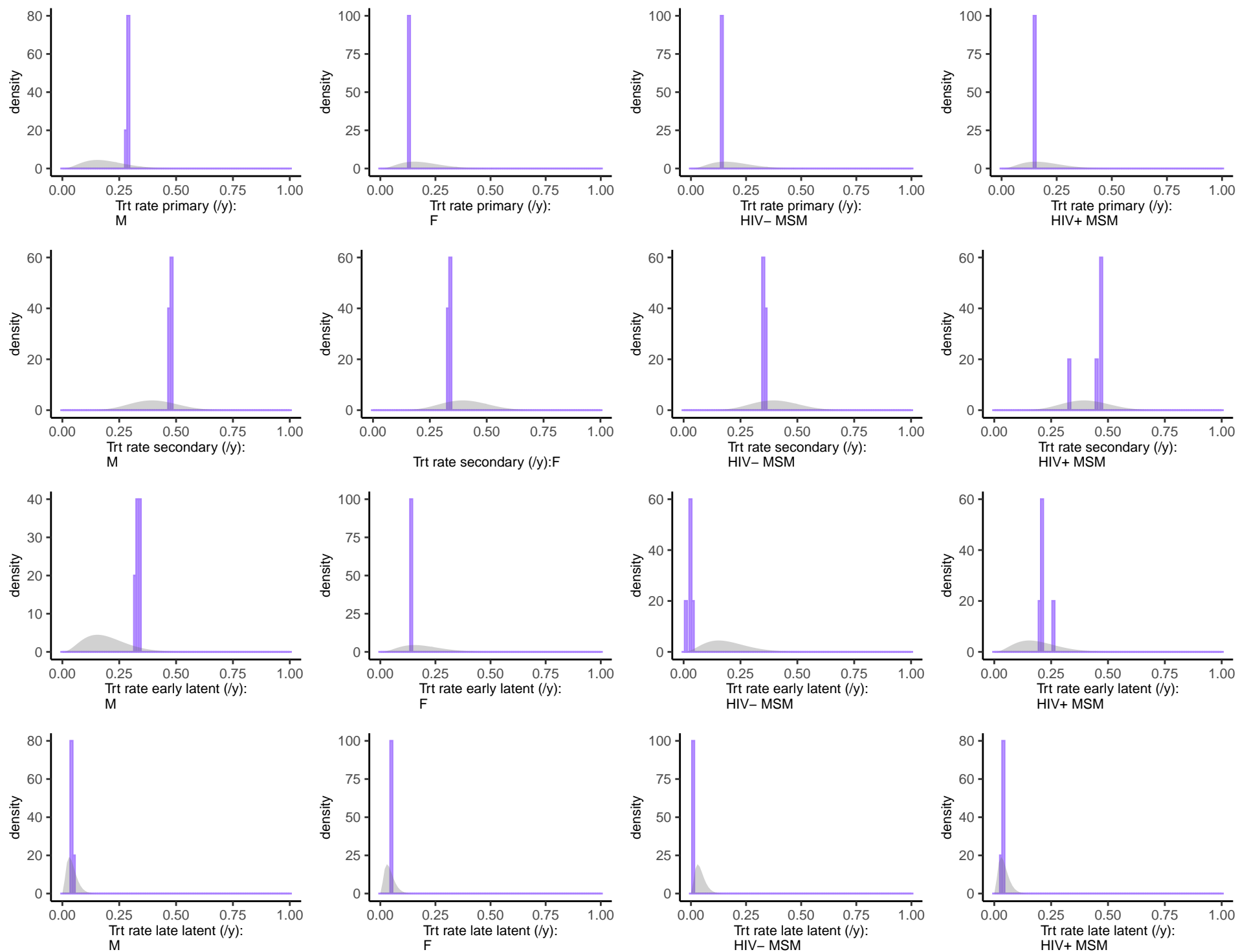


### Proportion early syphilis cases

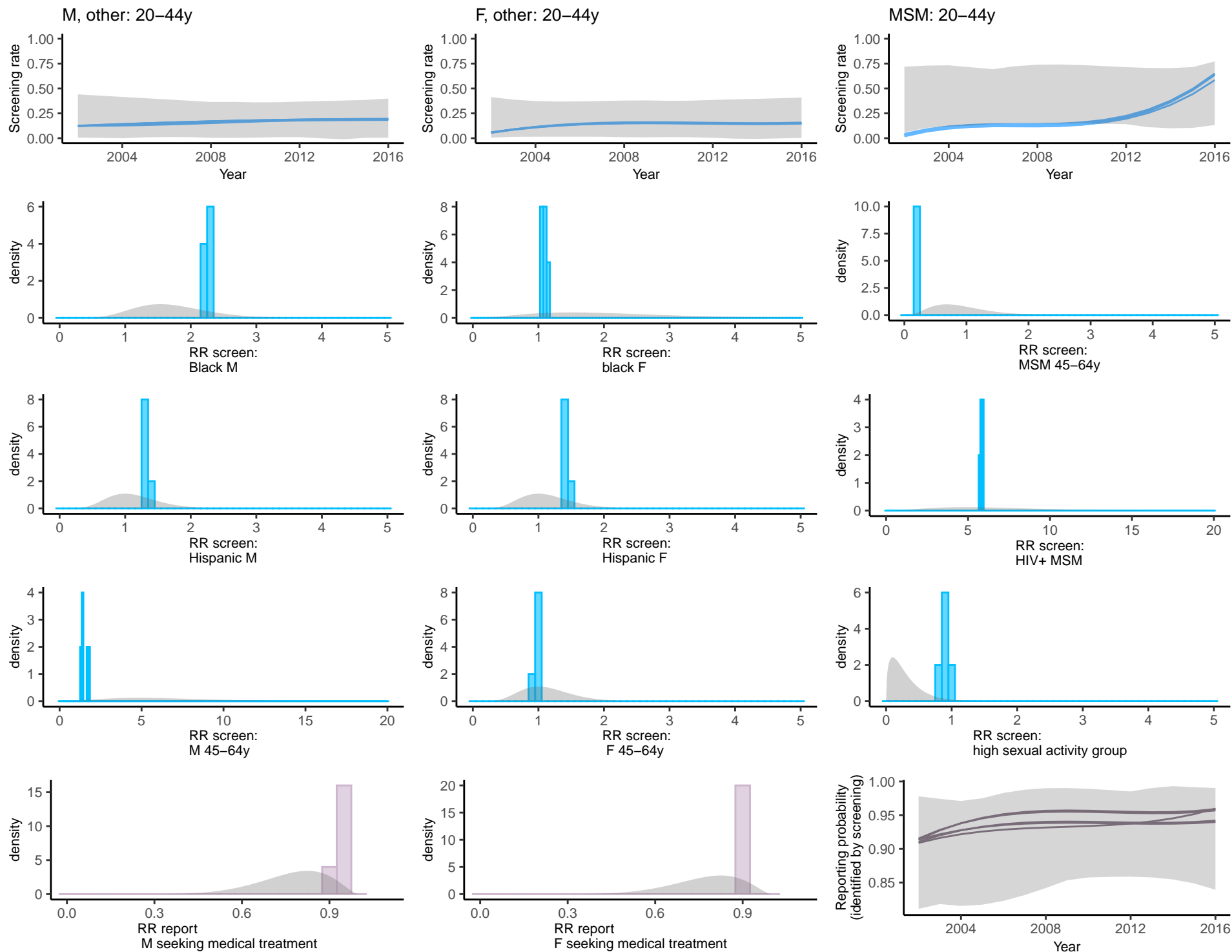




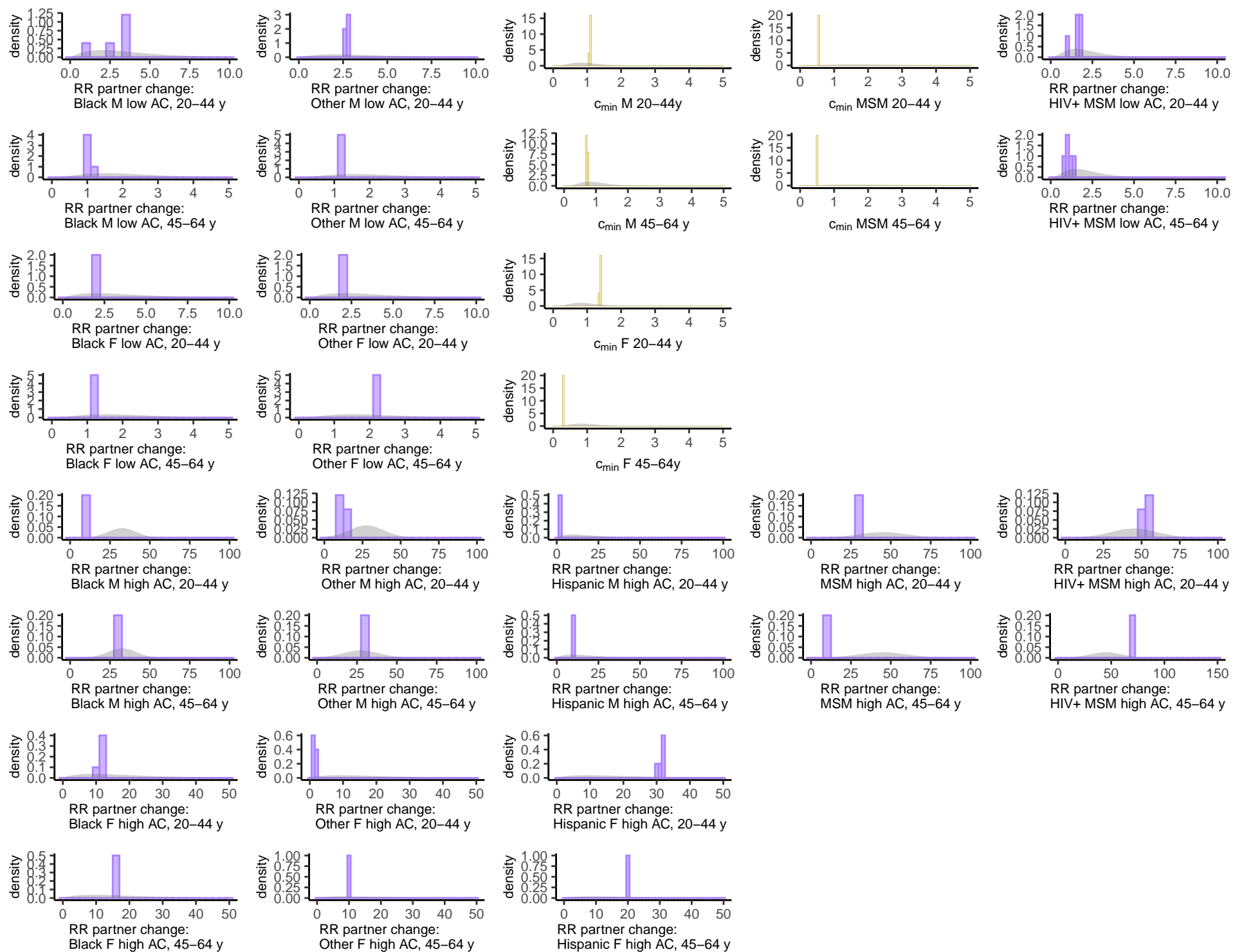




Priors/posteriors (2/4)







Priors/posteriors (4/4)