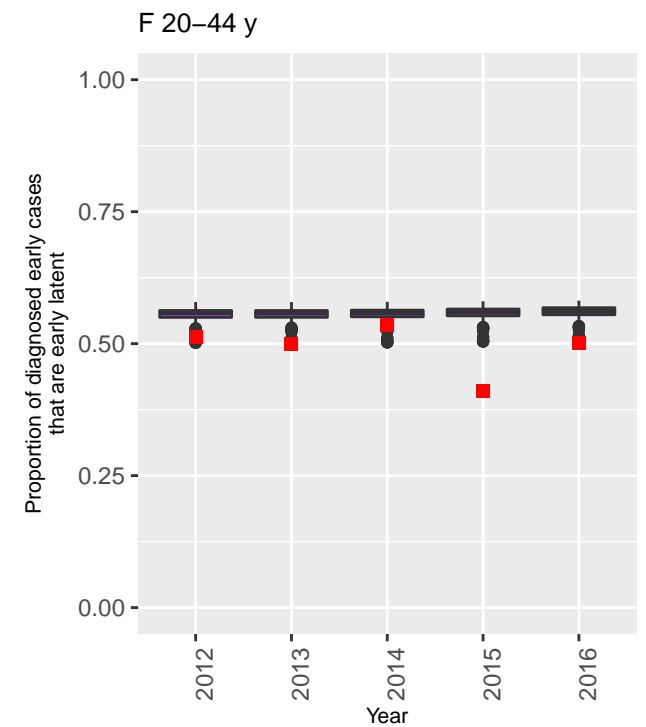
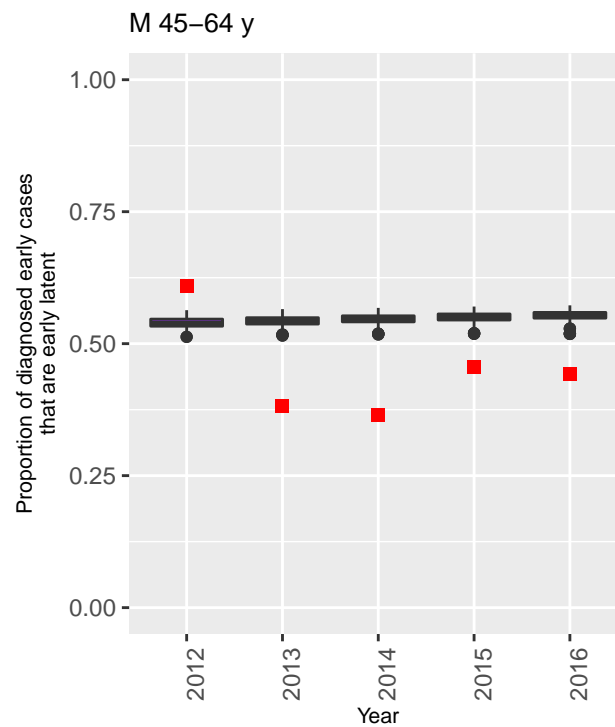
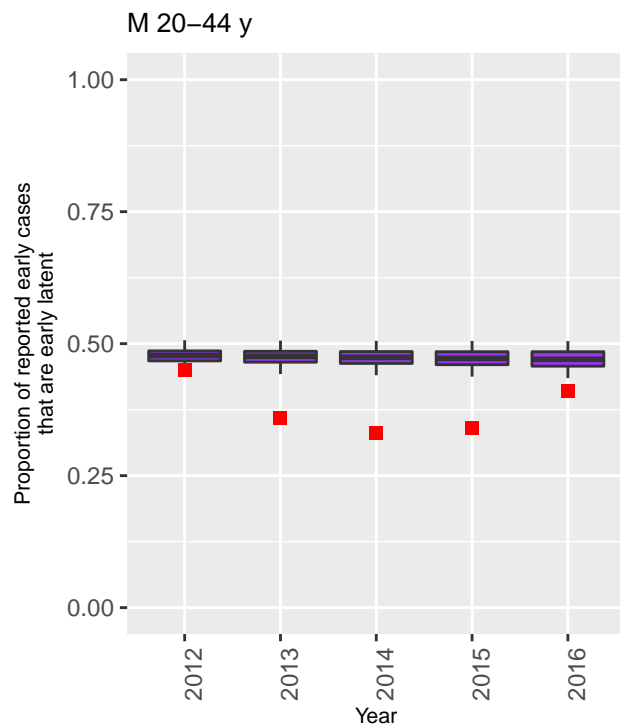
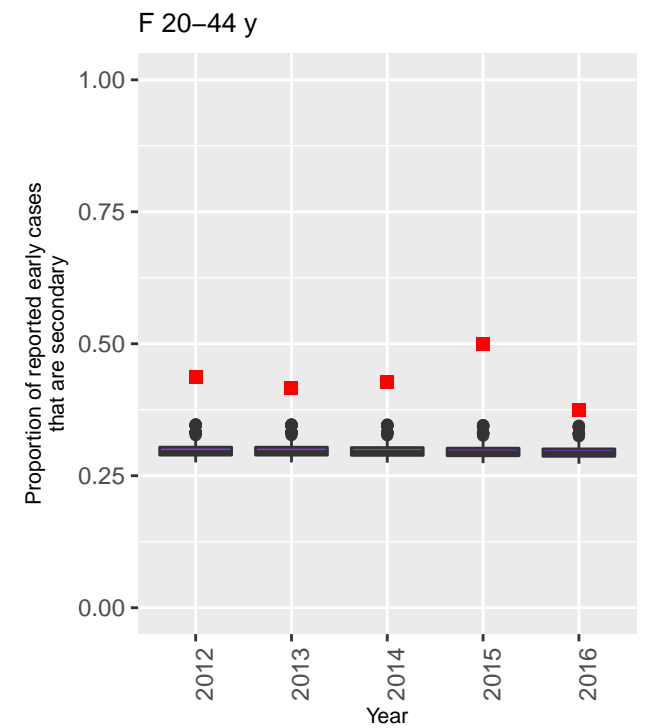
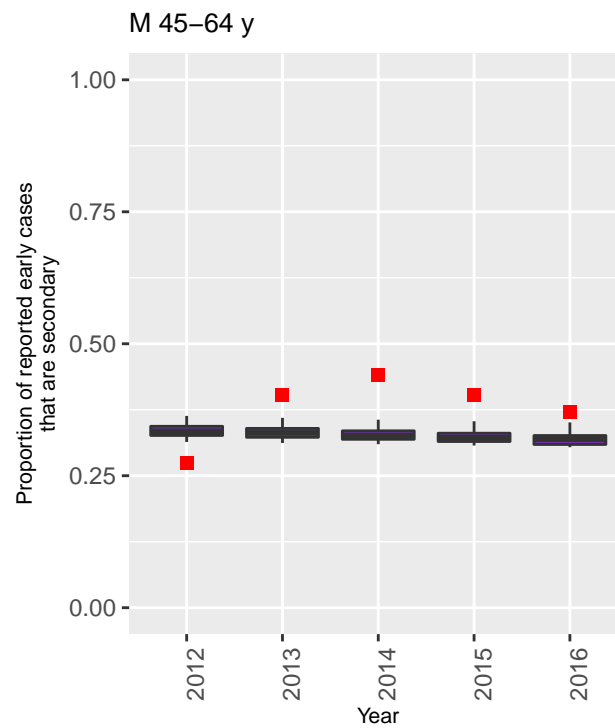
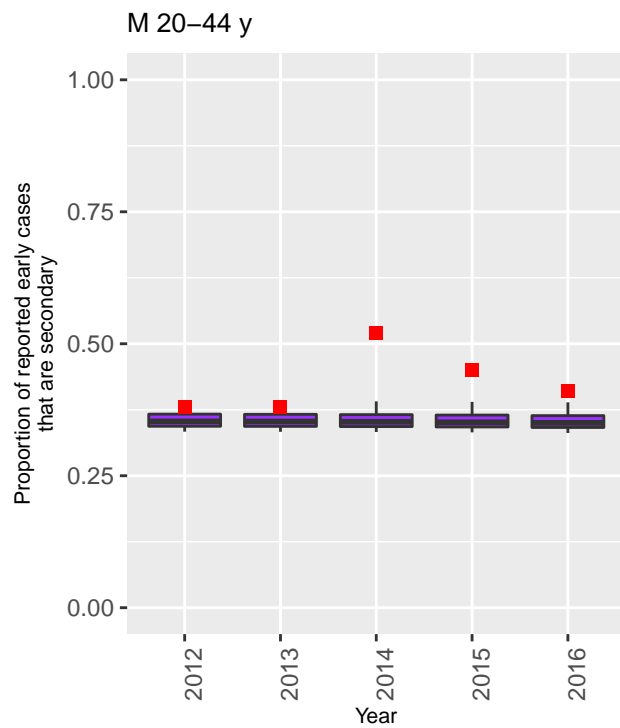
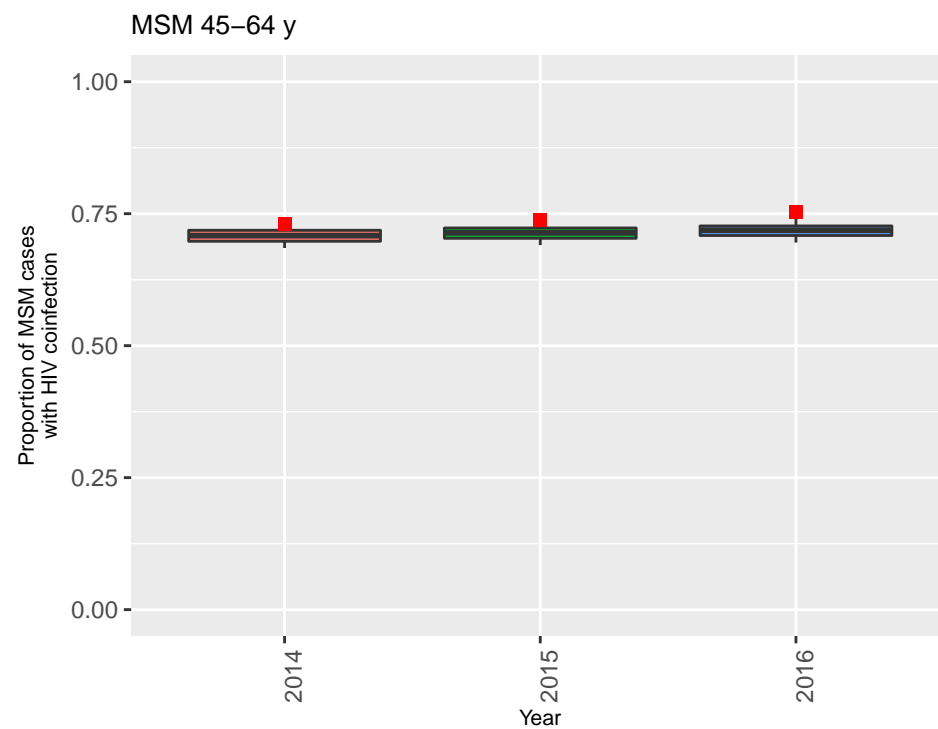
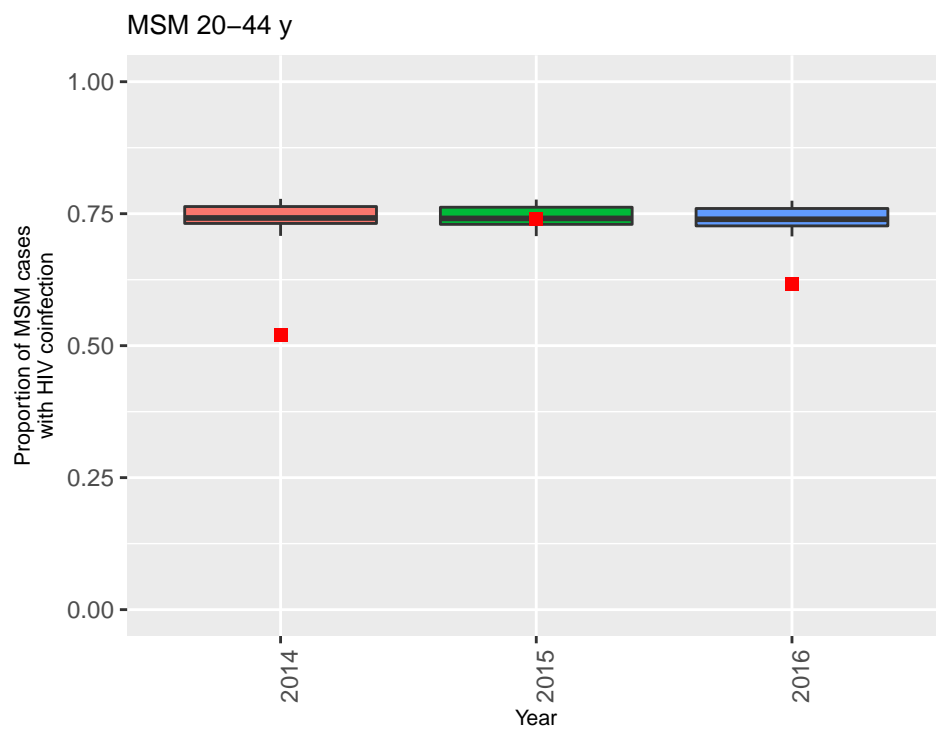
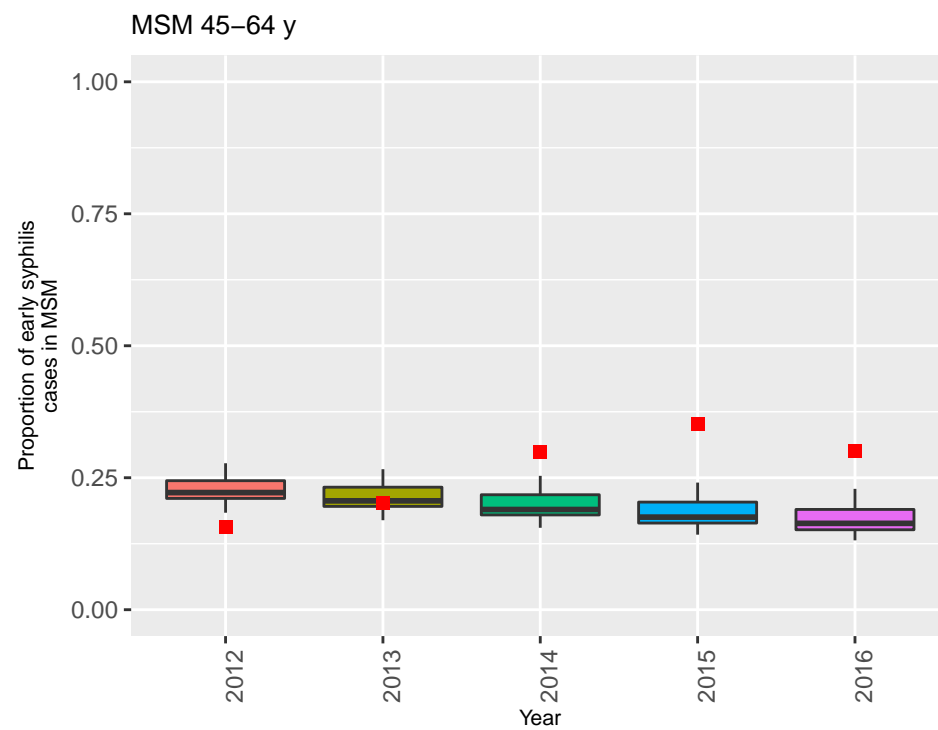
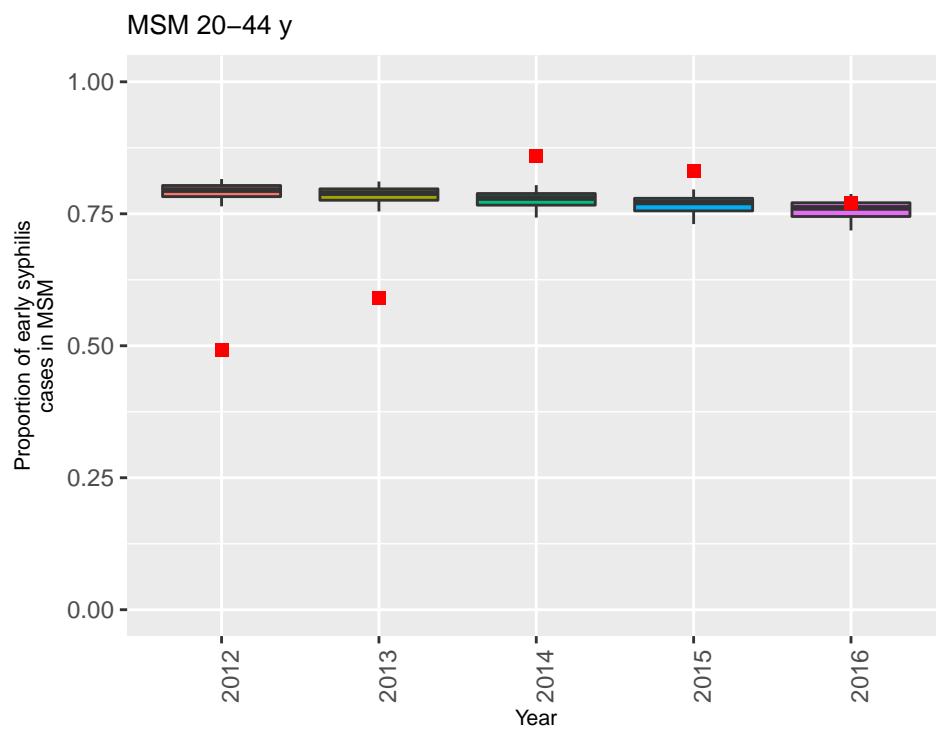


Calibration targets

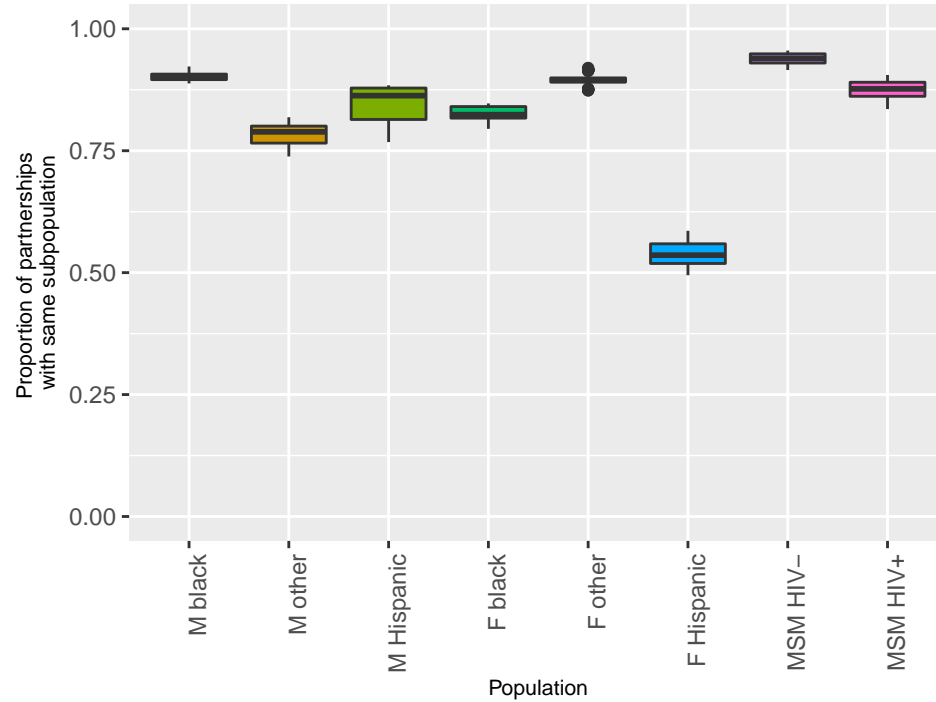


Calibration targets

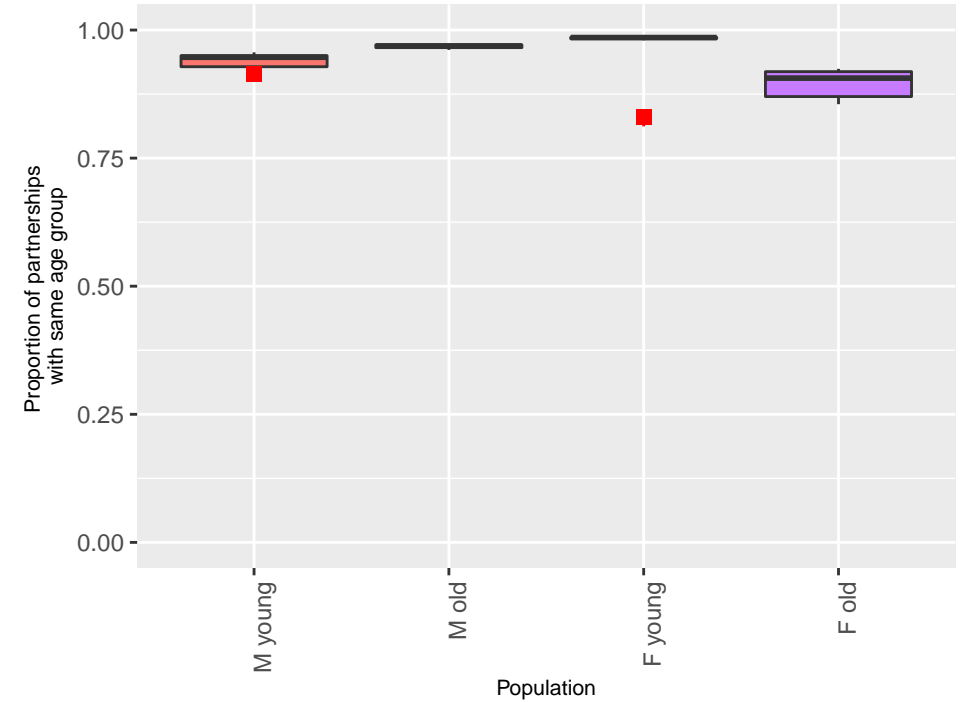


Calibration targets

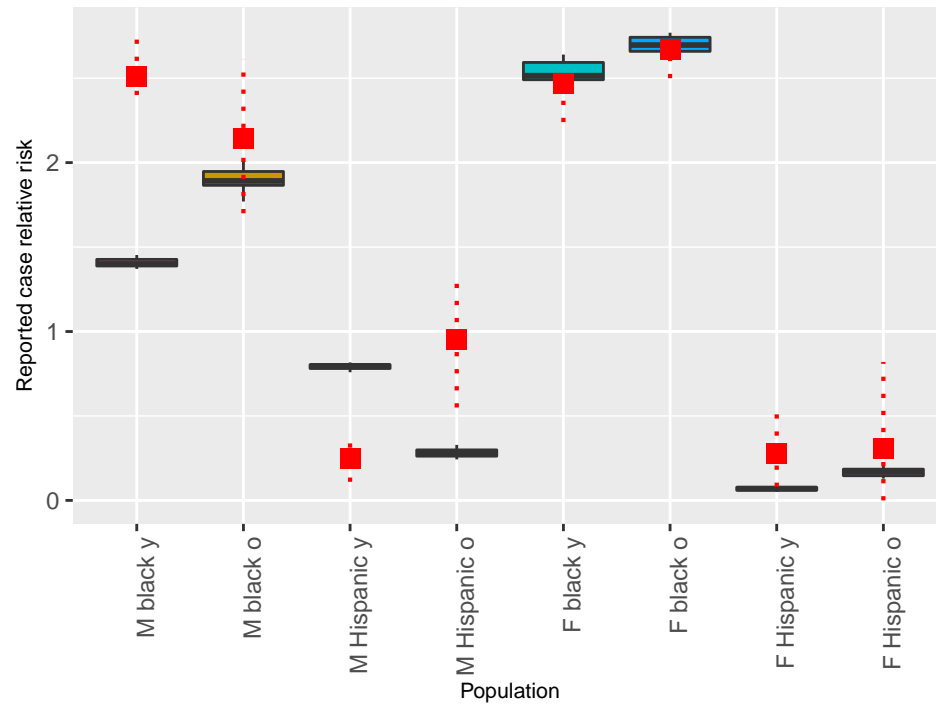
### Subpopulation assortative mixing



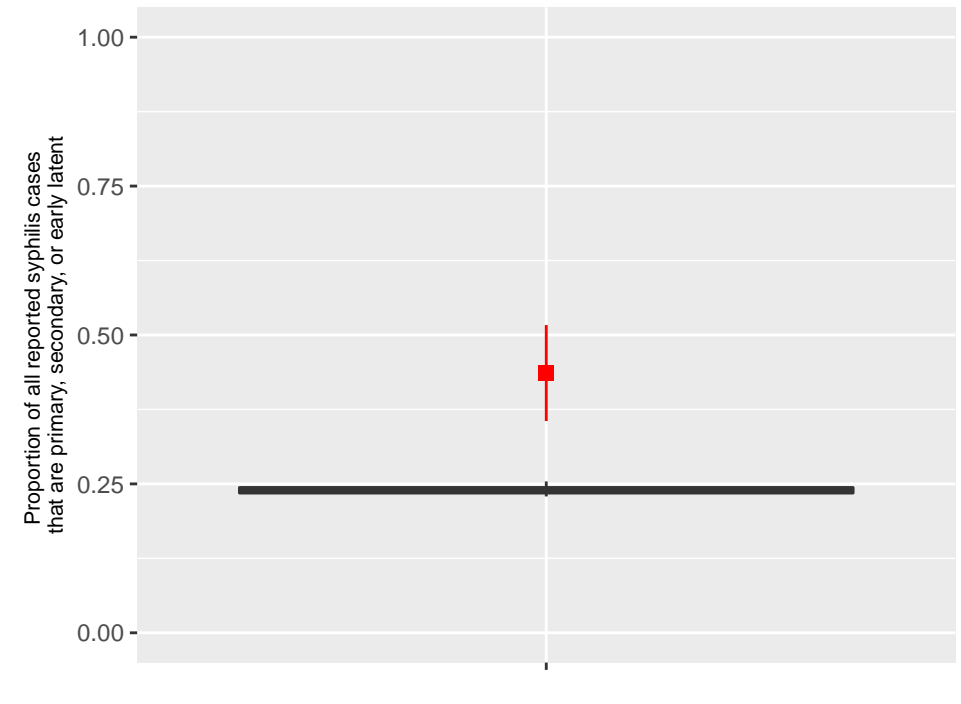
### Age assortative mixing

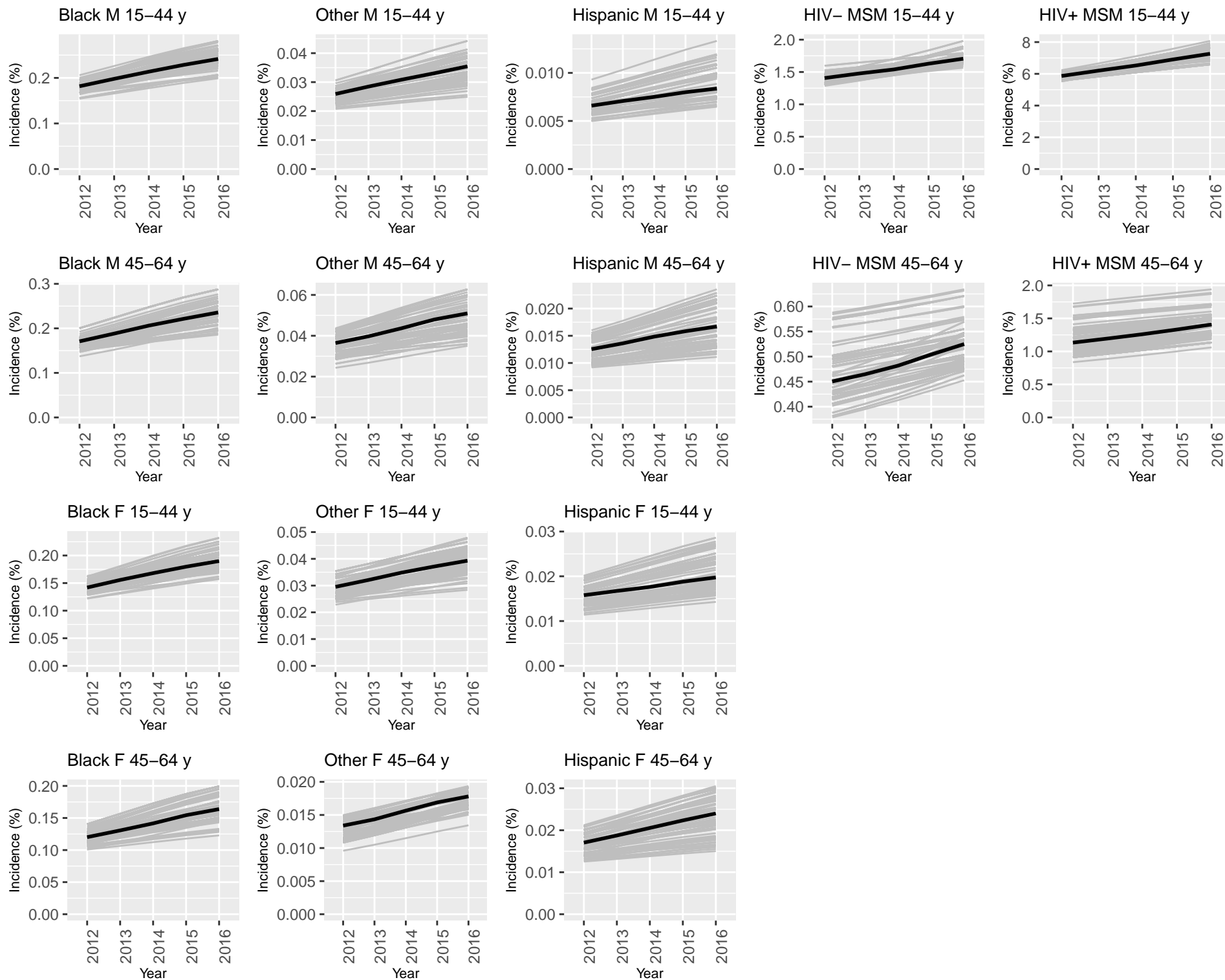


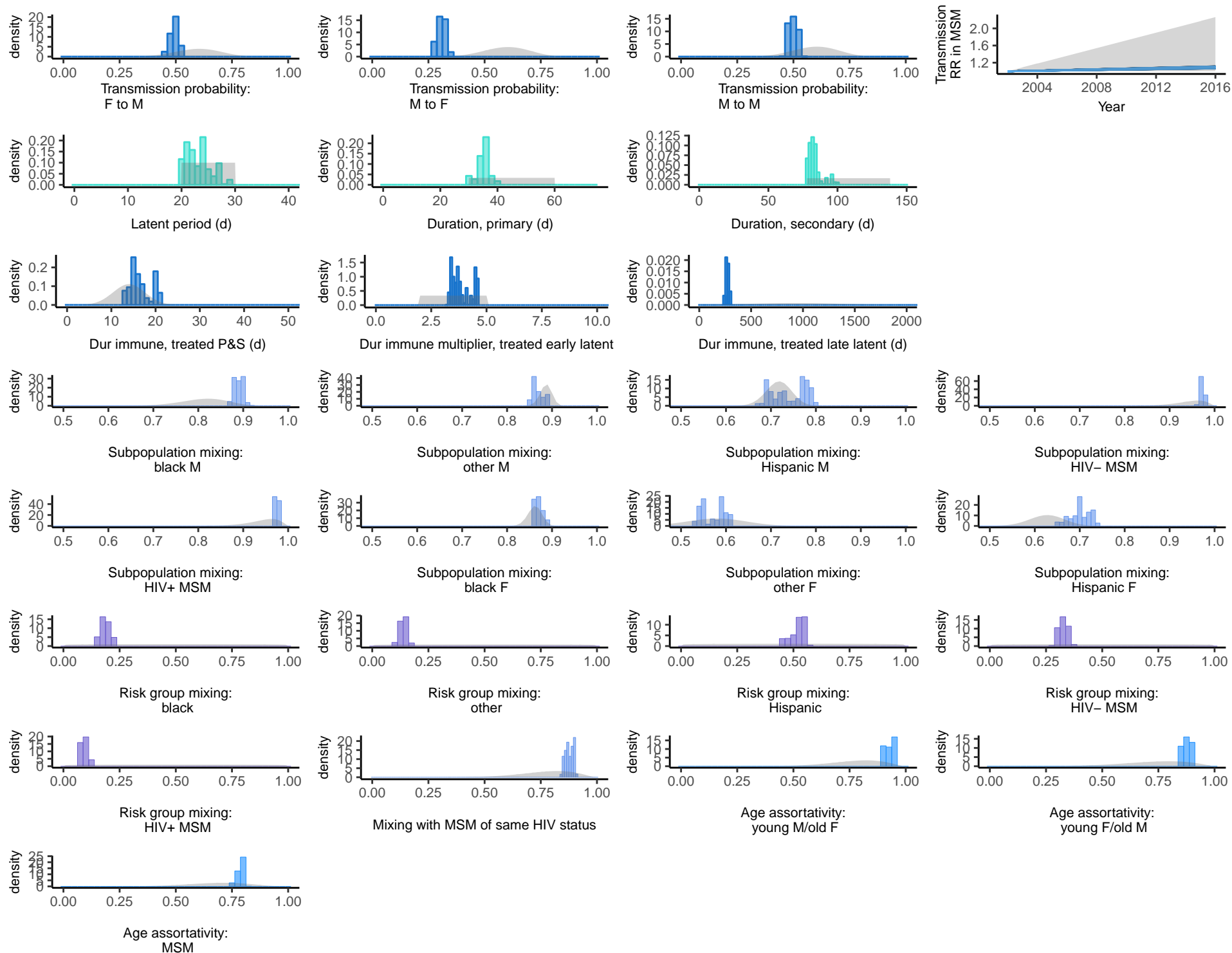
### Relative diagnosis rates in subpopulations



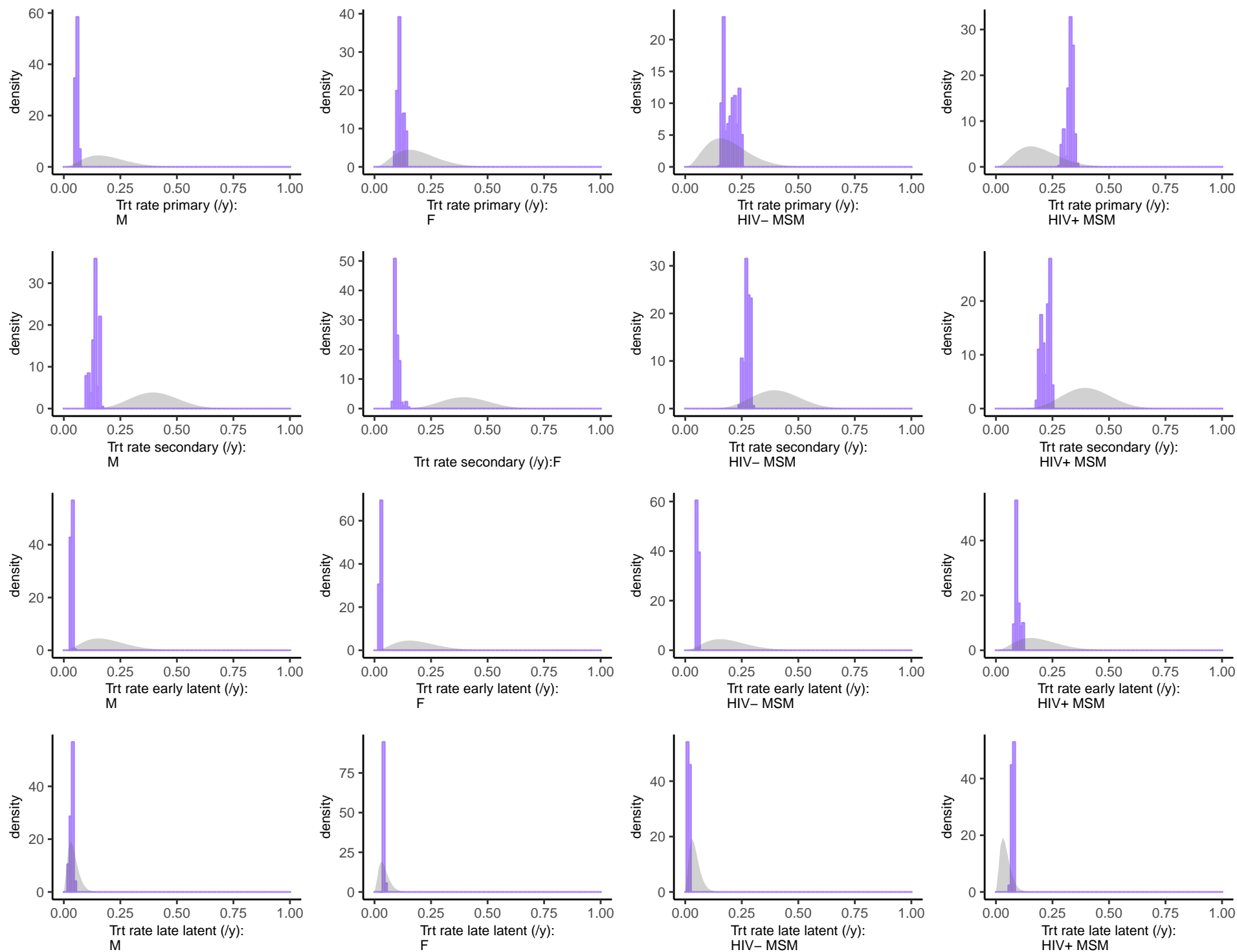
### Proportion early syphilis cases



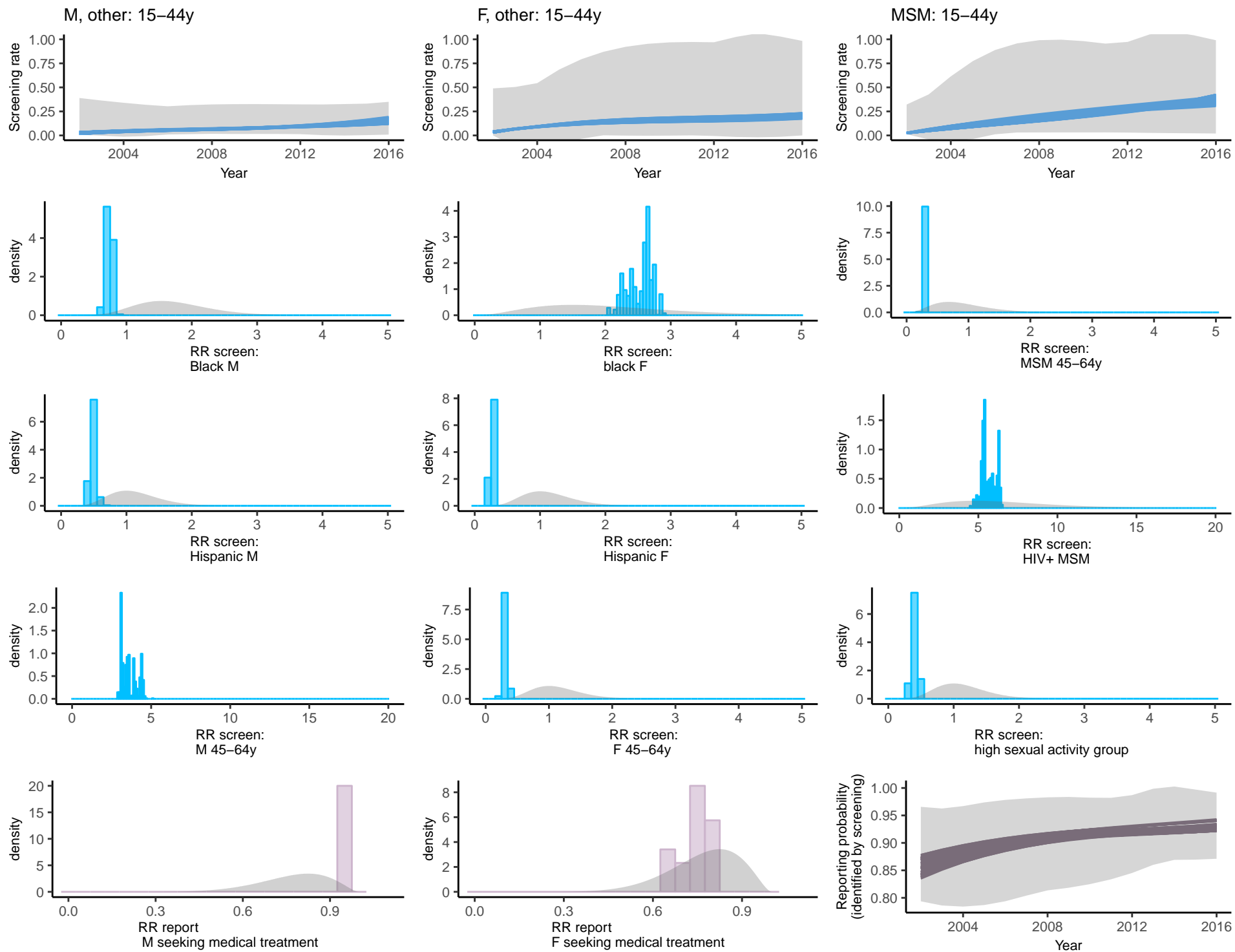




Priors/posteriors (1/4)



Priors/posteriors (2/4)



Priors/posteriors (3/4)



