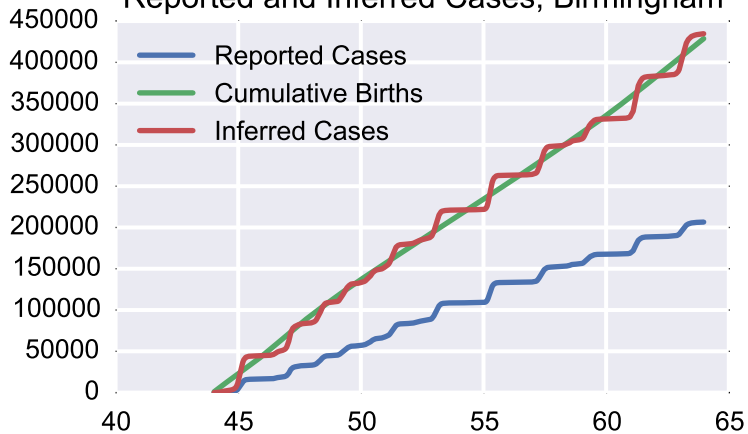
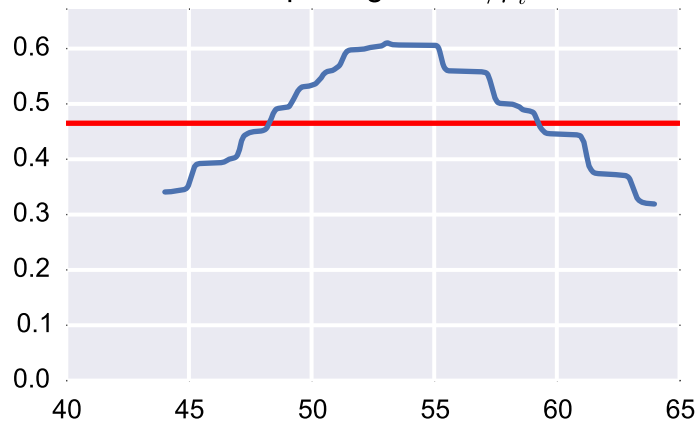


Reported and Inferred Cases, Birmingham



Inferred Reporting Rate  $1/\rho_t = 0.47$



Susceptible Dynamics  $Z_t$

