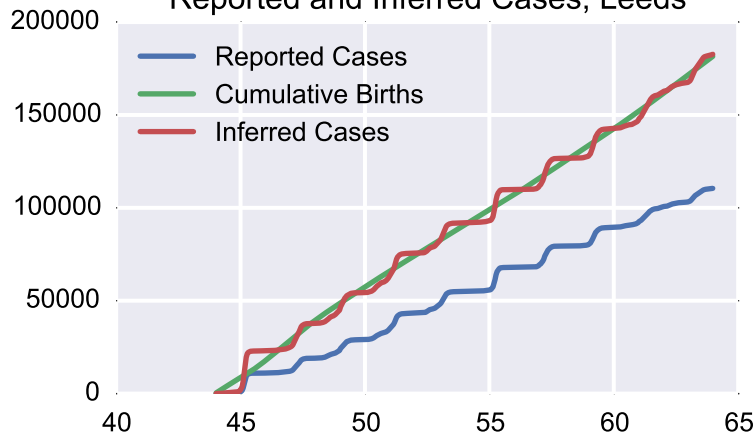
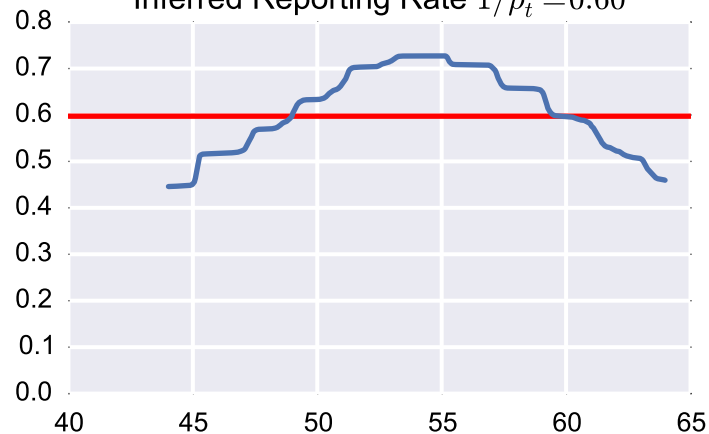


### Reported and Inferred Cases, Leeds



### Inferred Reporting Rate $1/\rho_t = 0.60$



### Susceptible Dynamics $Z_t$

