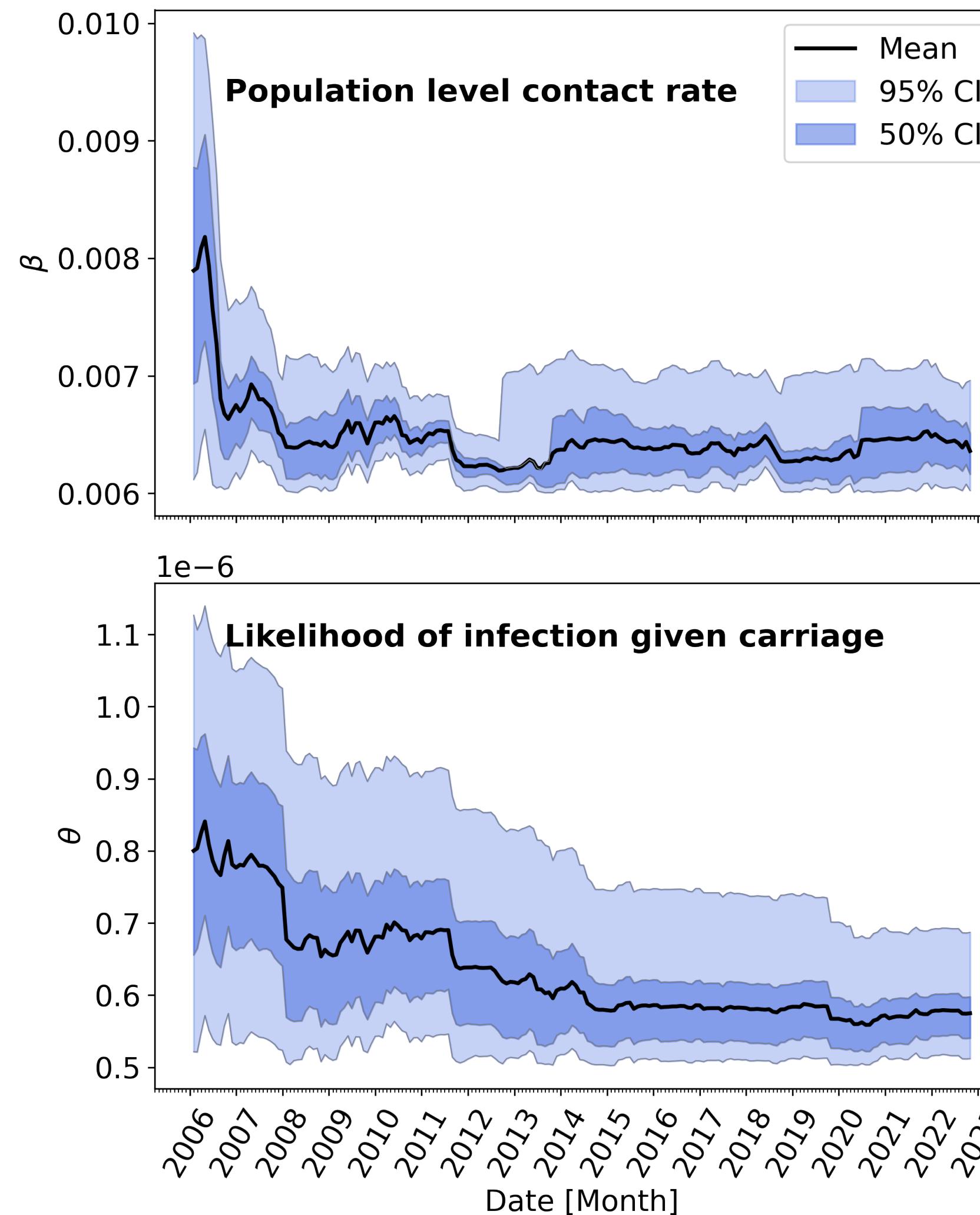
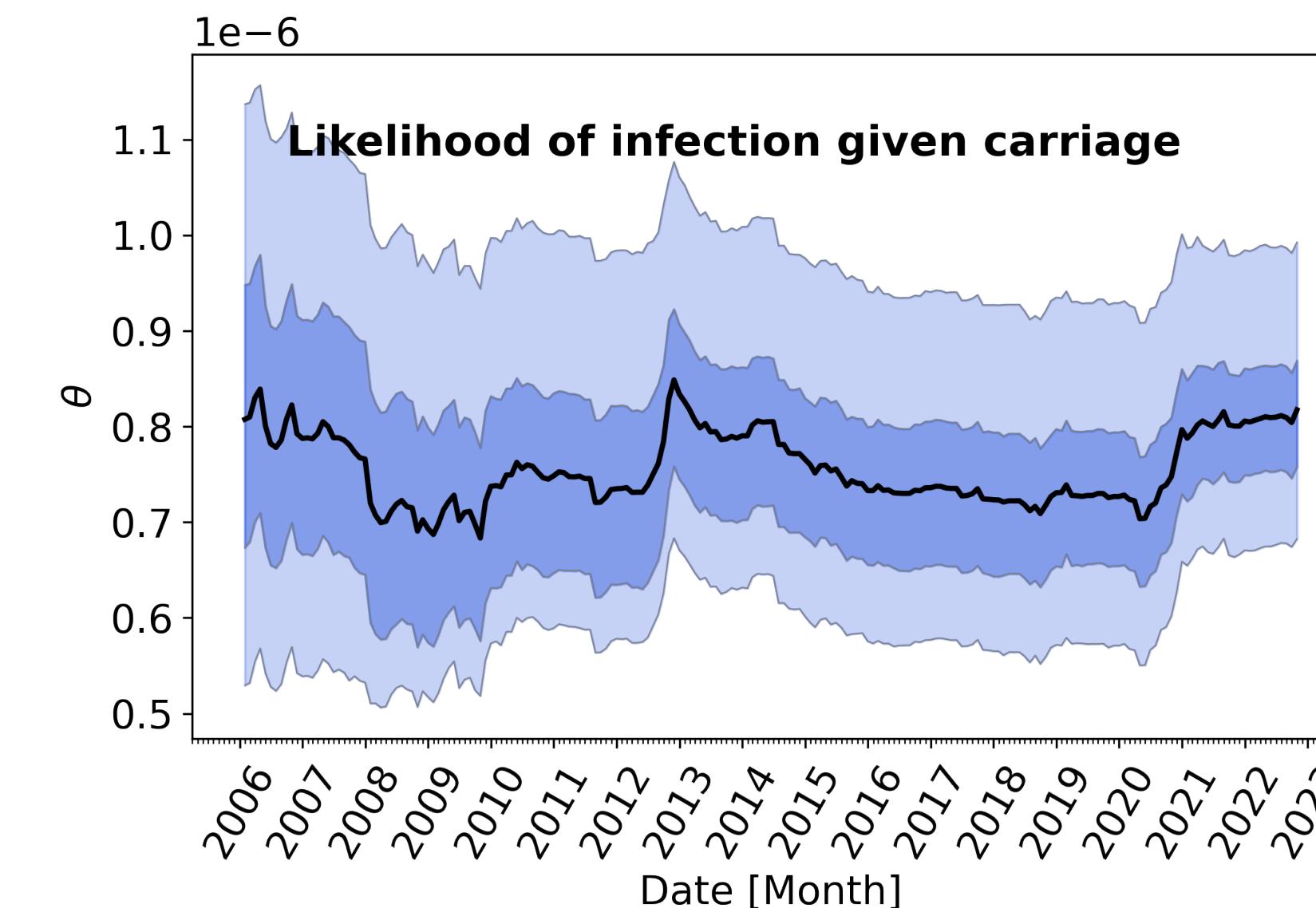
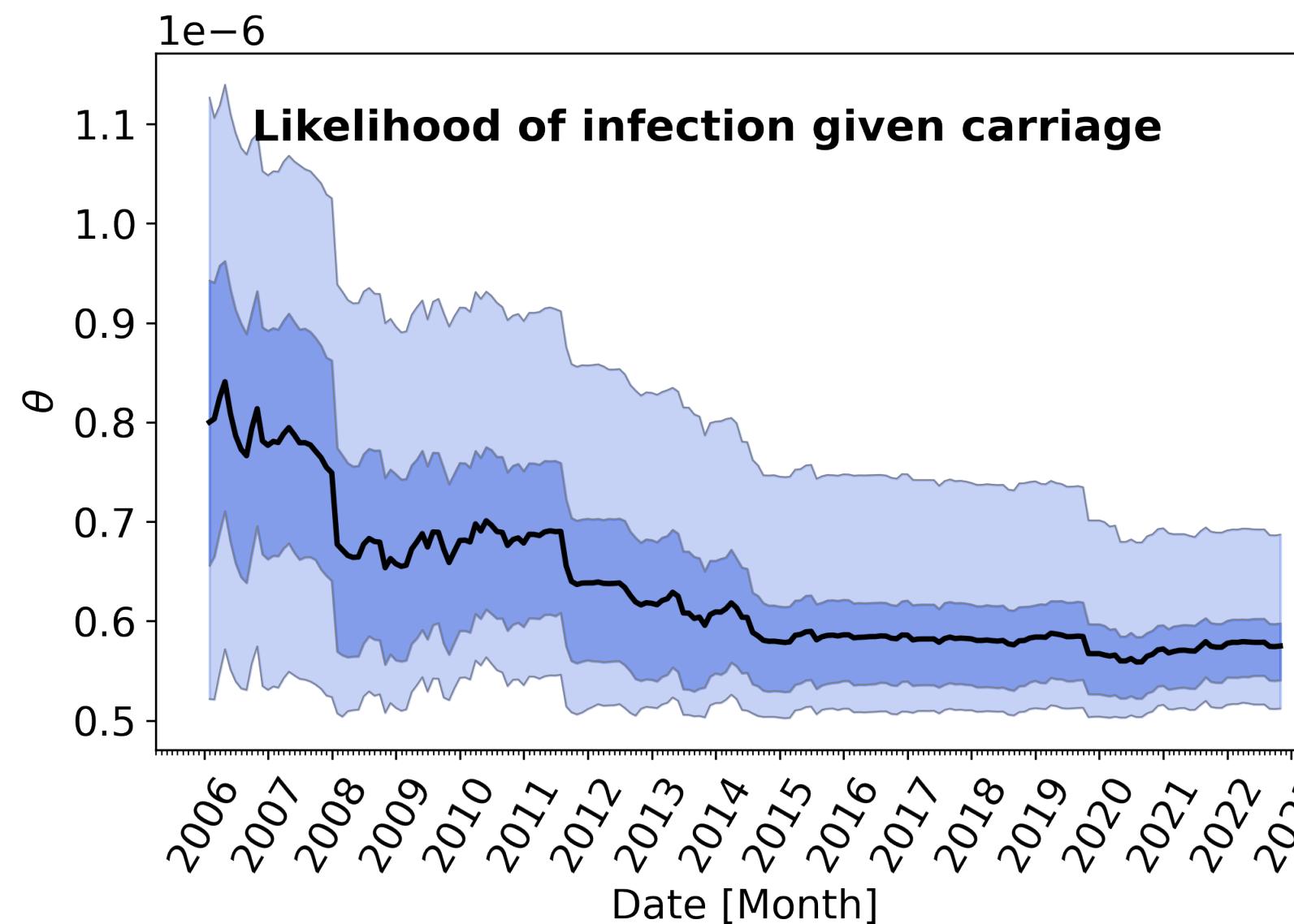
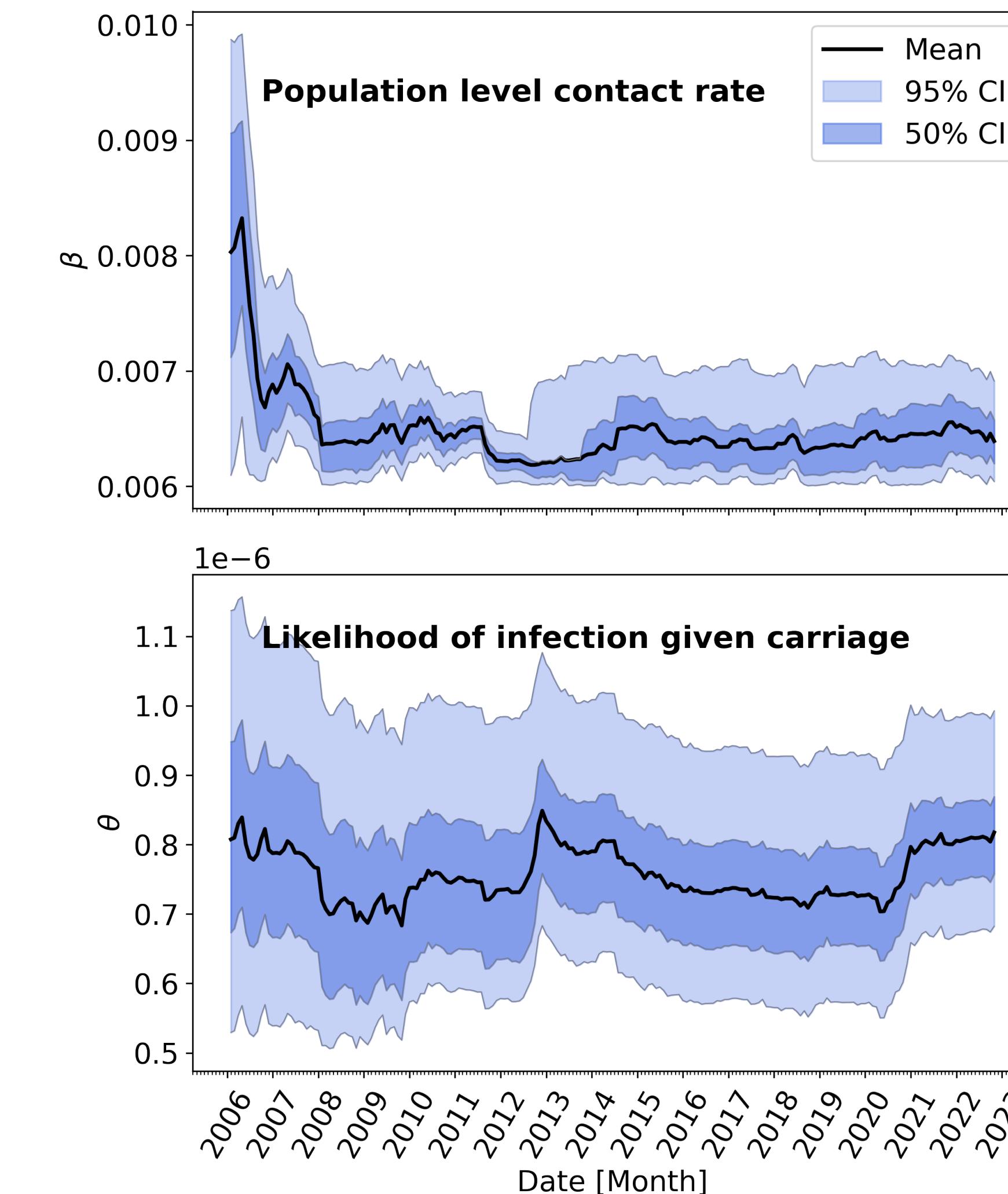


# Missing demography, Results Model 1: Estimated parameters

**Transmission**

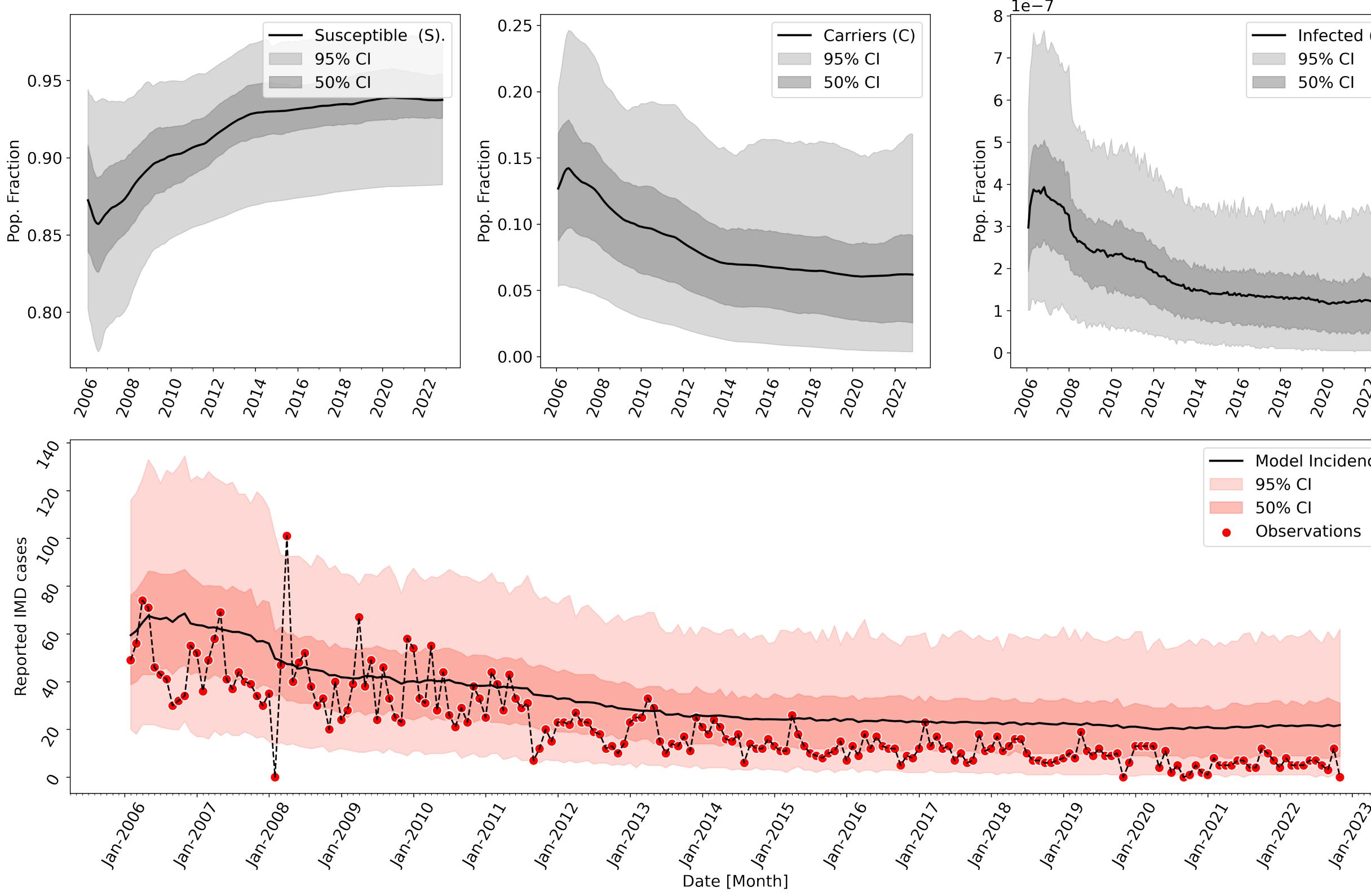


**Transmission + Birth and deaths**

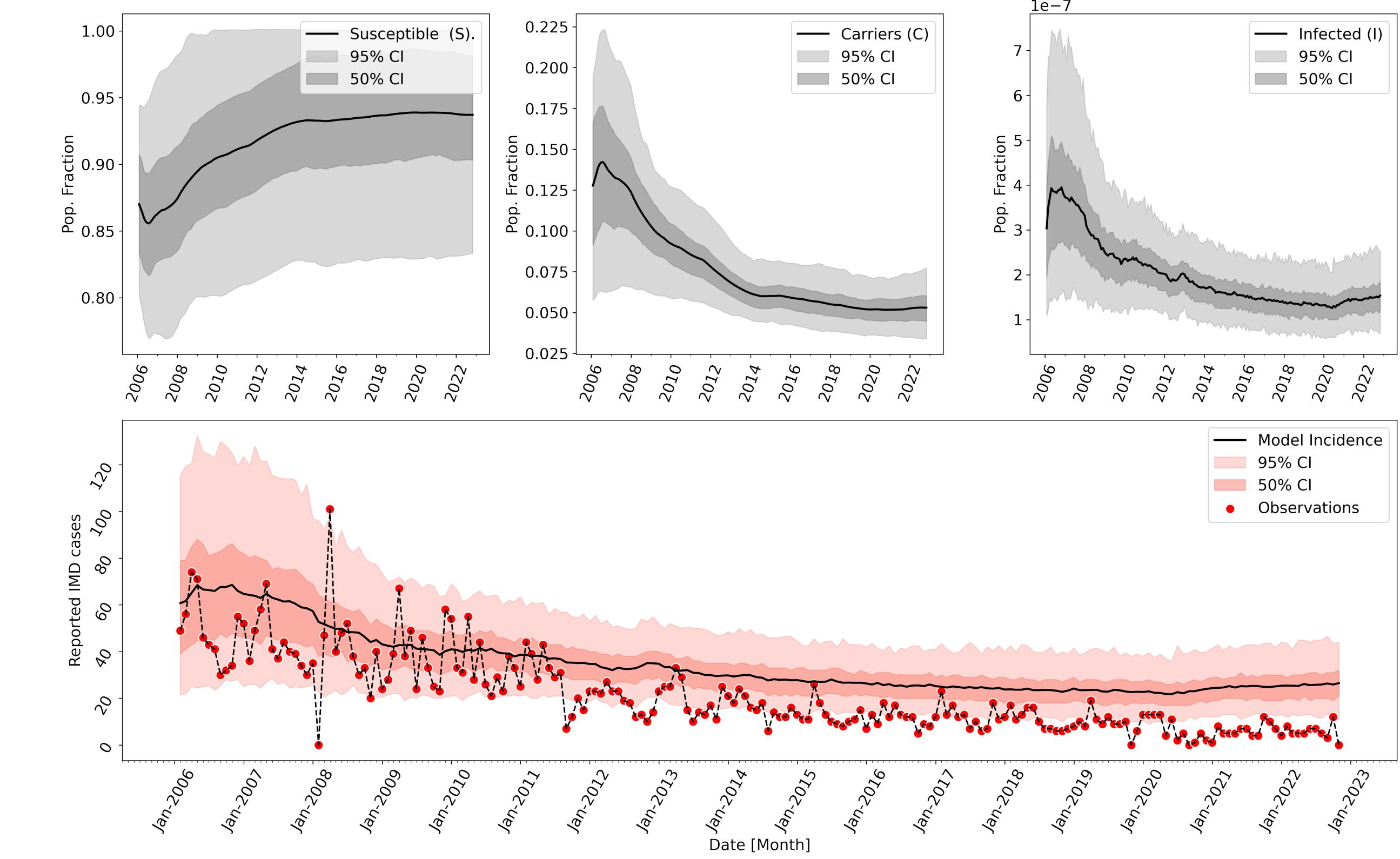


# Missing demography, Results Model 1: Simulation with estimated parameters (EAKF)

## Transmission

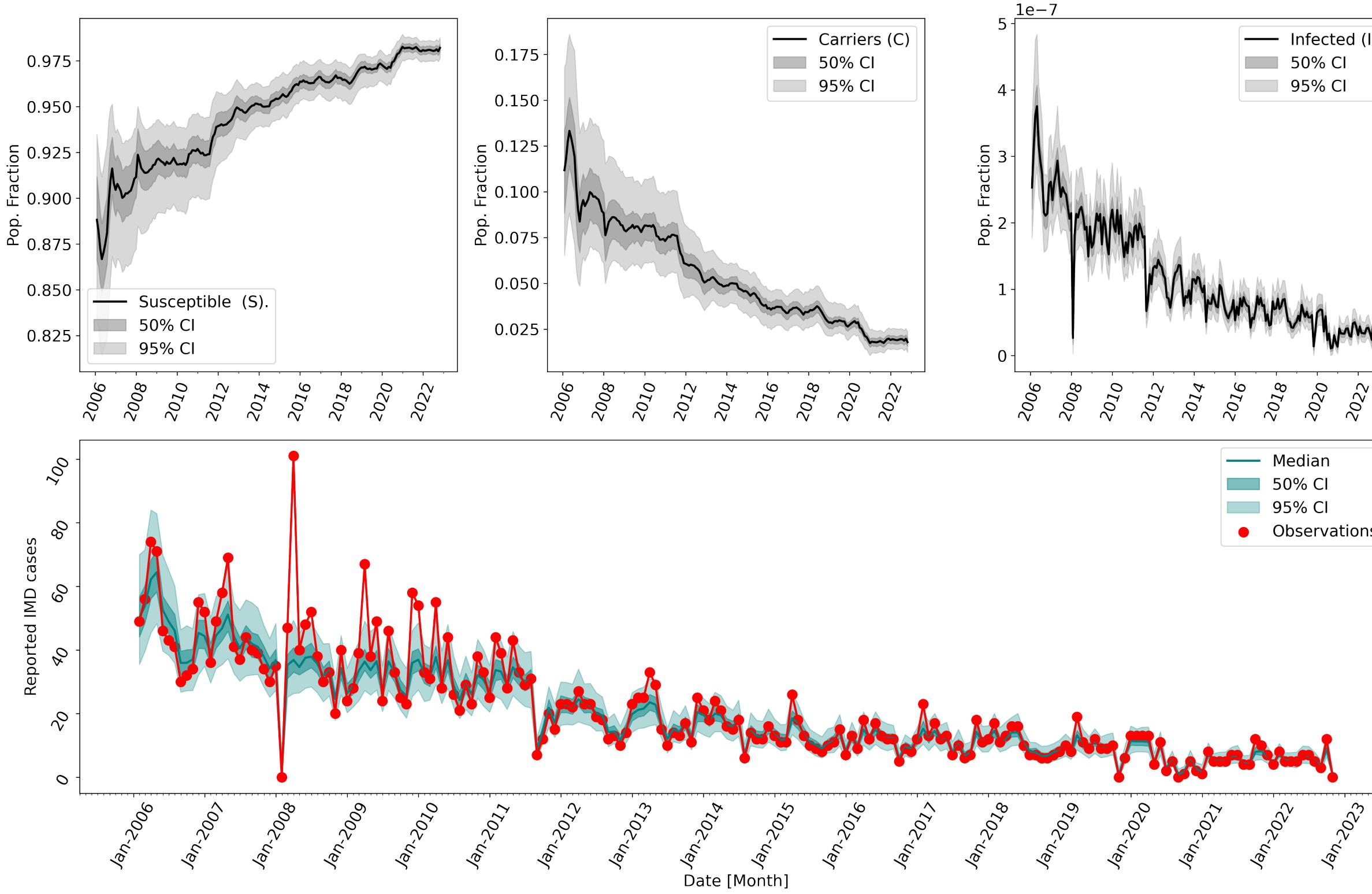


## Transmission + Birth and deaths

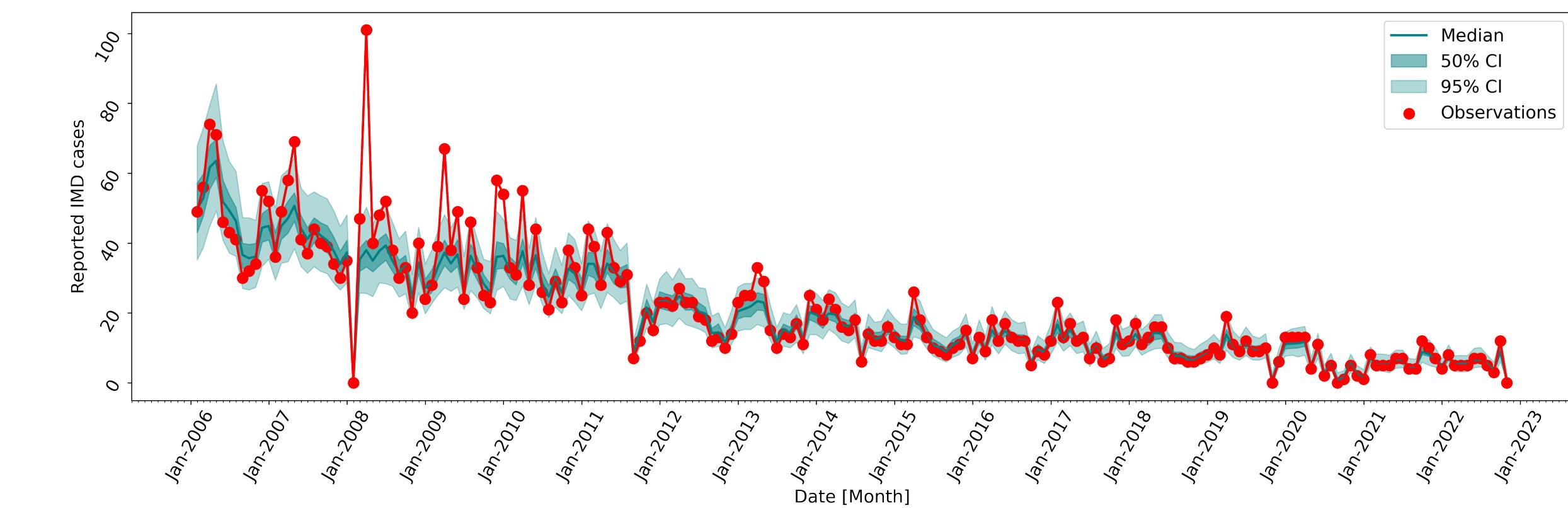
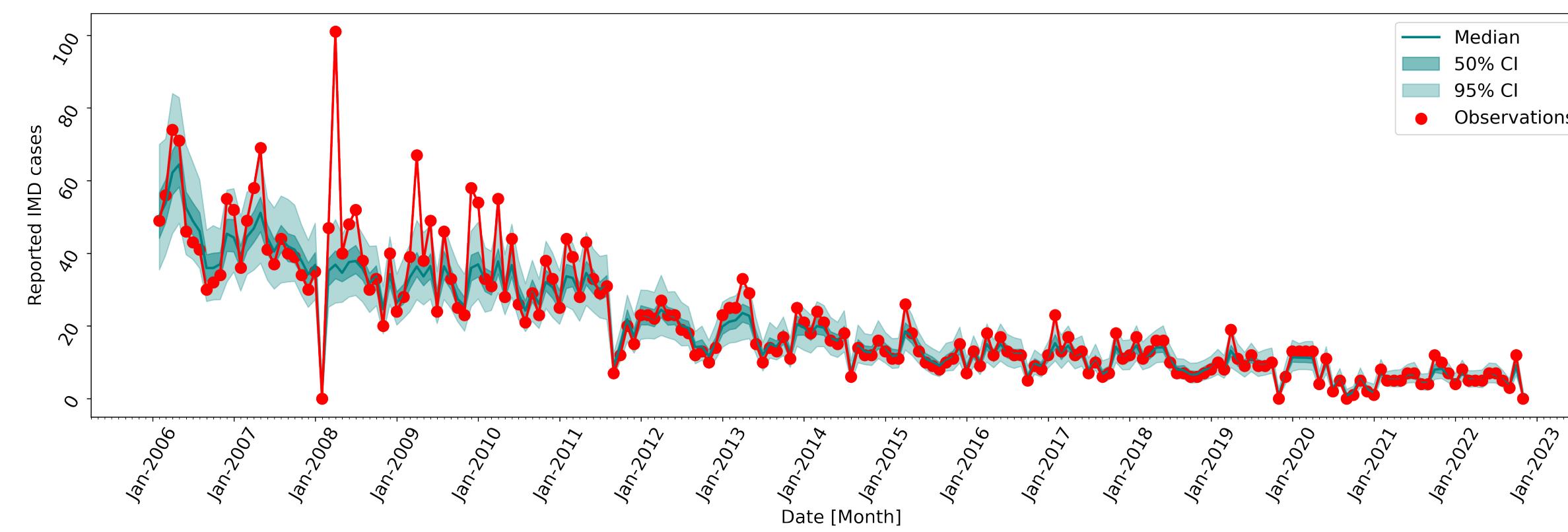
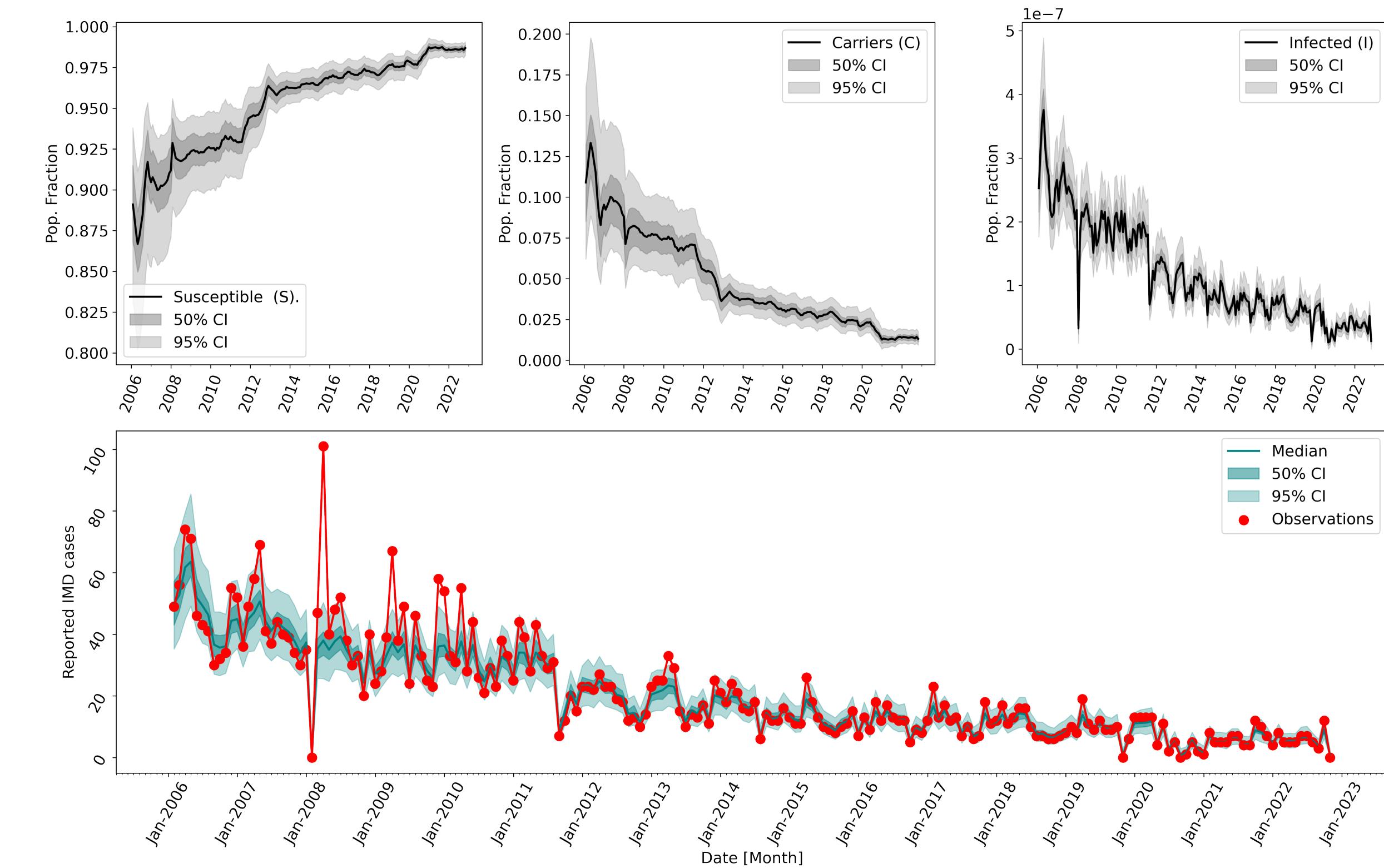


# Missing demography, Results Model 1: Posterior state space estimate (EAKF)

## Transmission

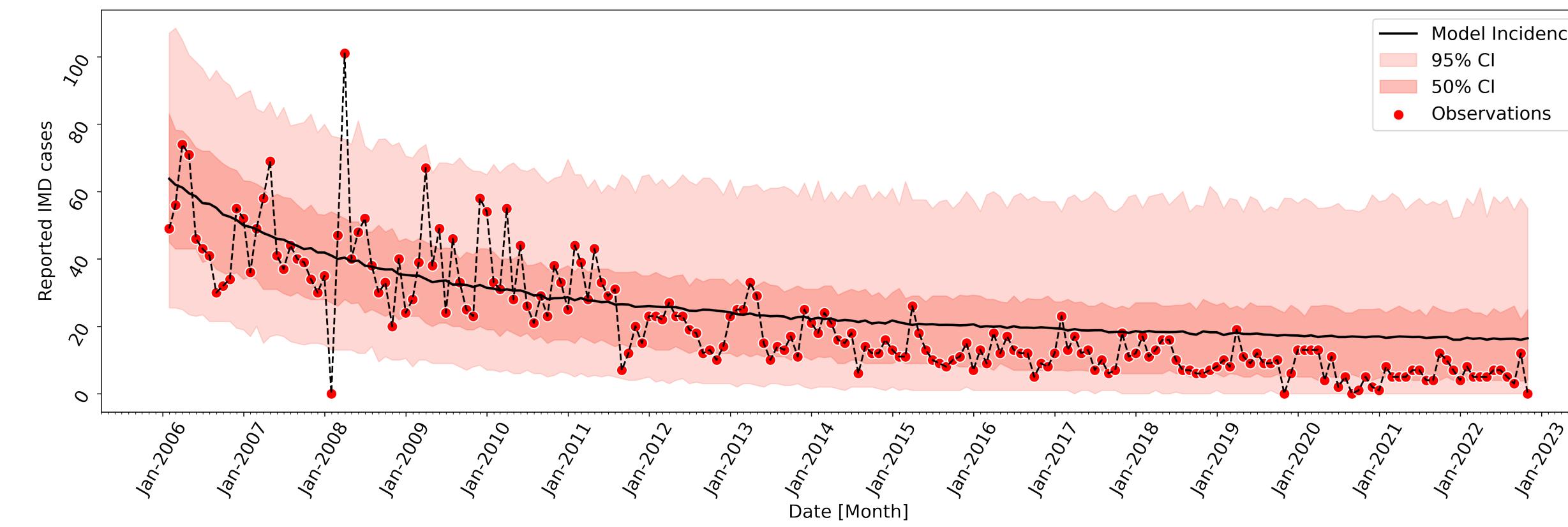
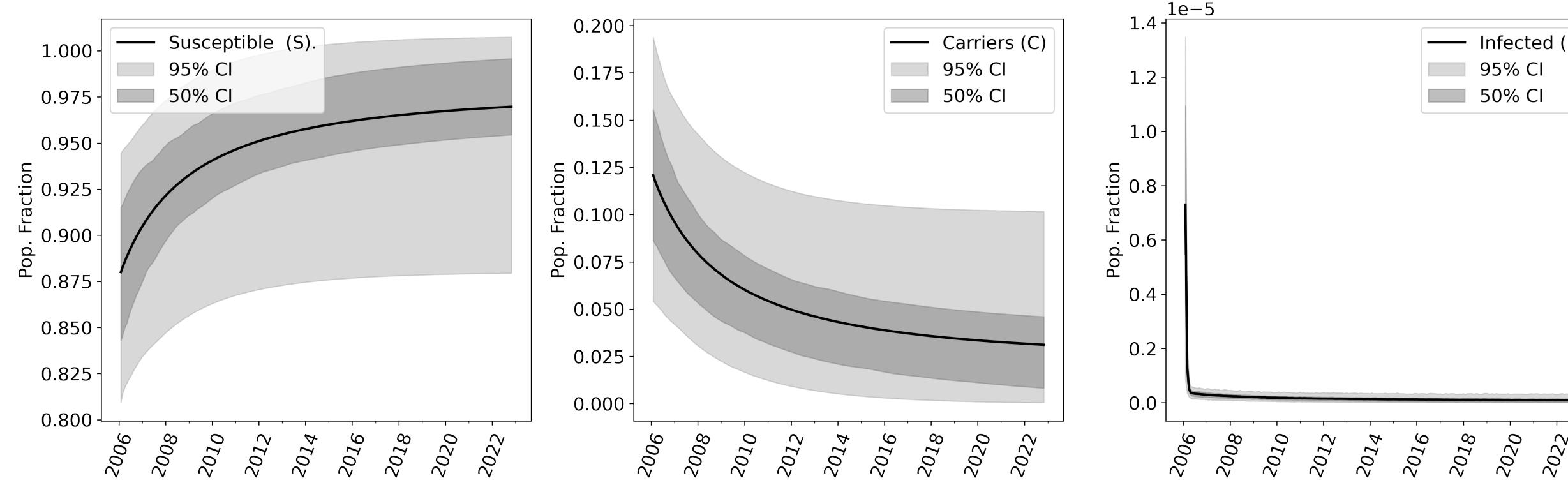


## Transmission + Birth and deaths

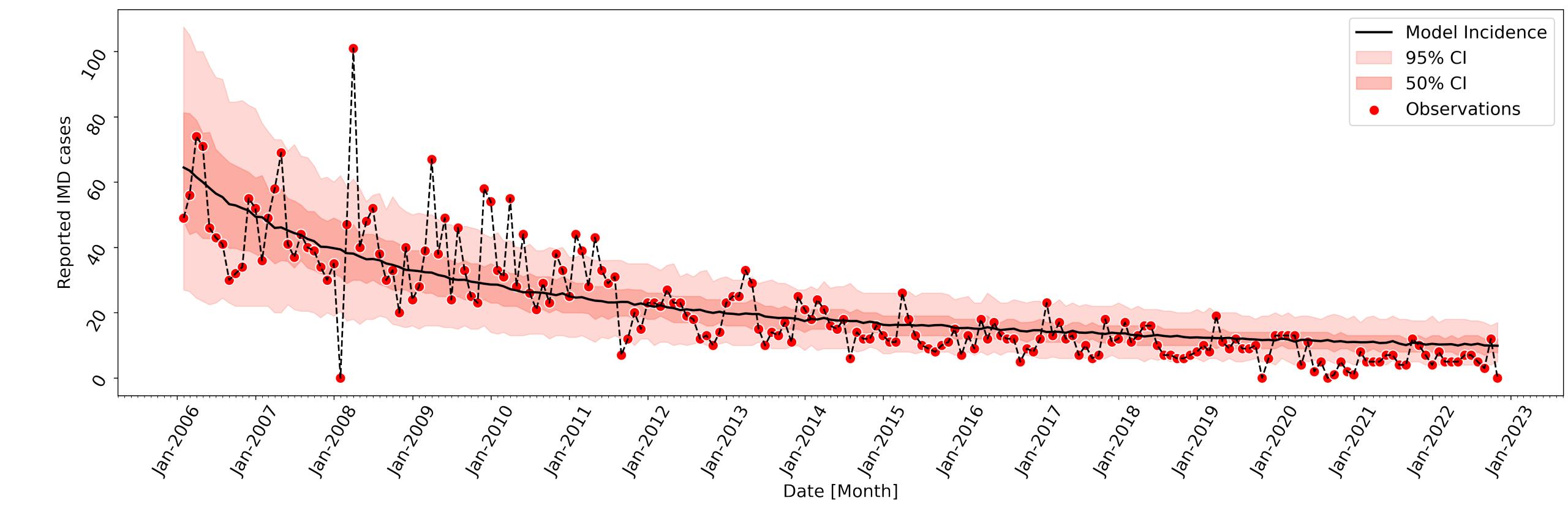
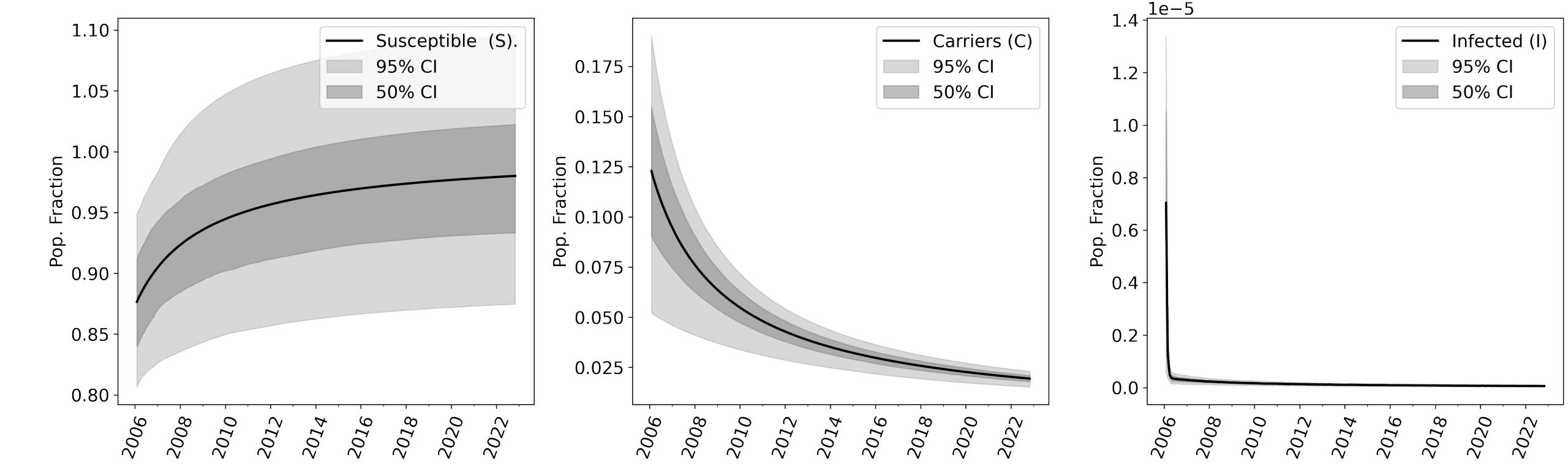


# Missing demography, Results Model 1: Simulation with point parameters estimates (IF-EAKF)

## Transmission

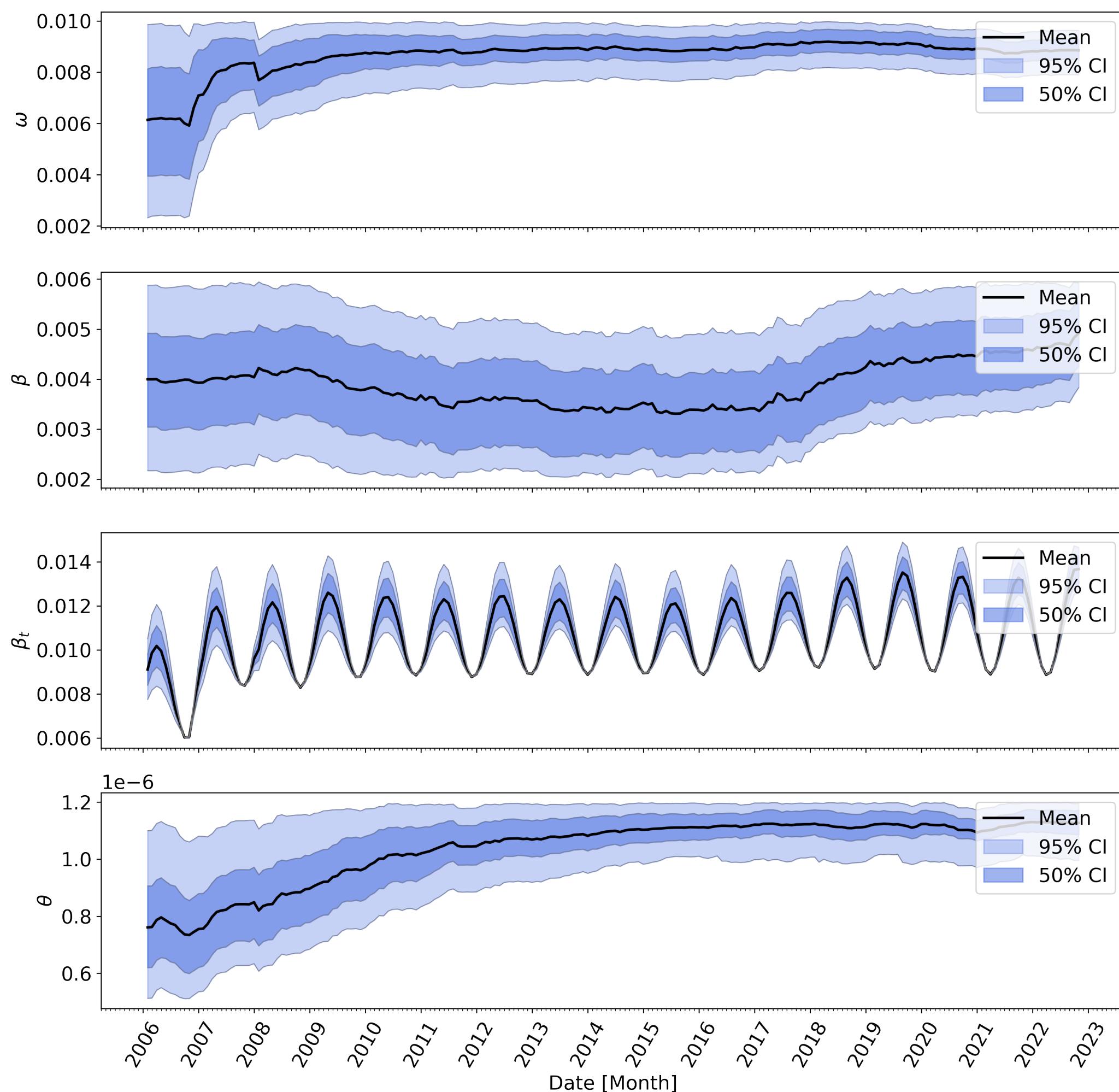


## Transmission + Birth and deaths

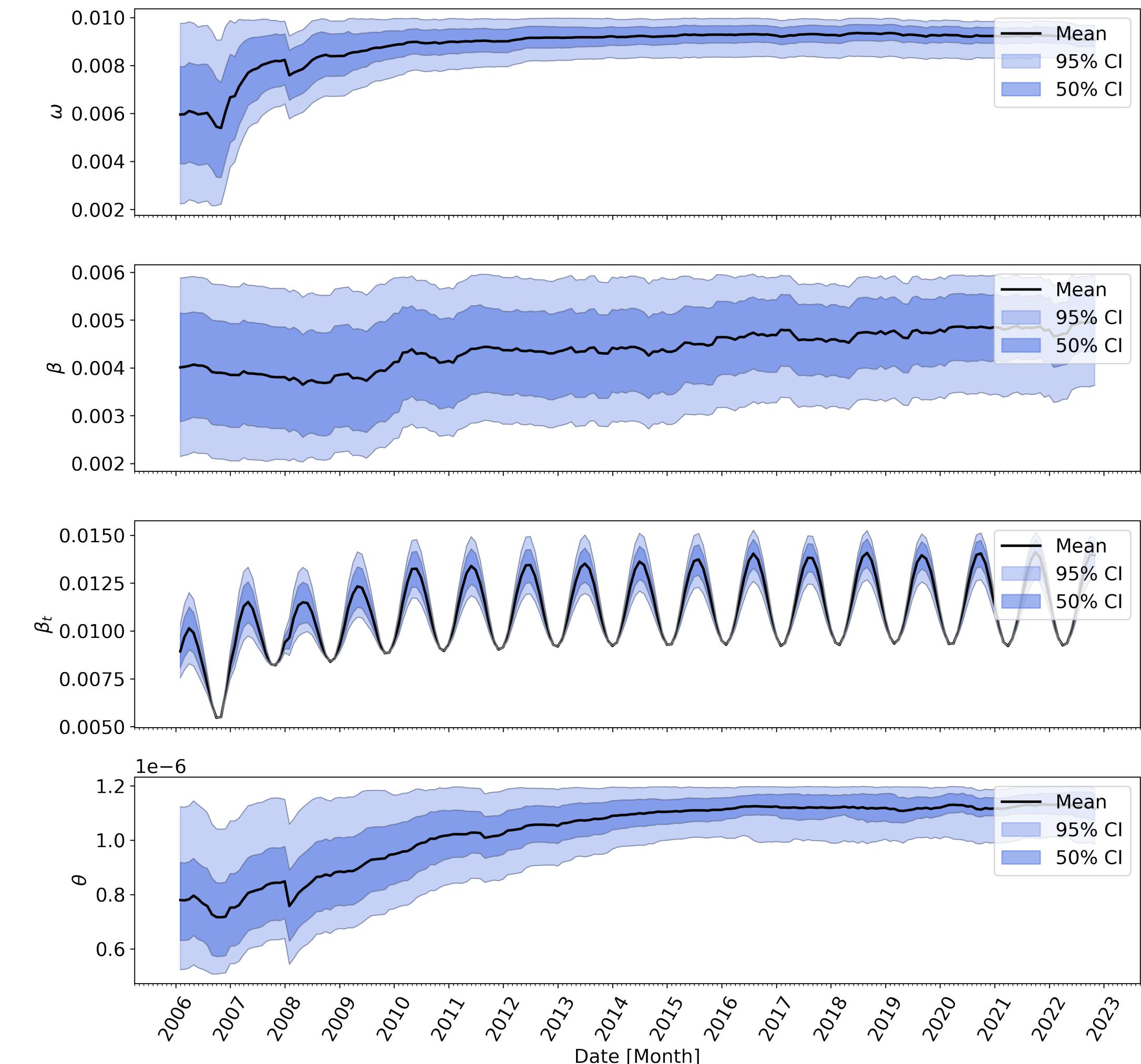


# Missing demography, Results Model 2: Estimated parameters

## Transmission

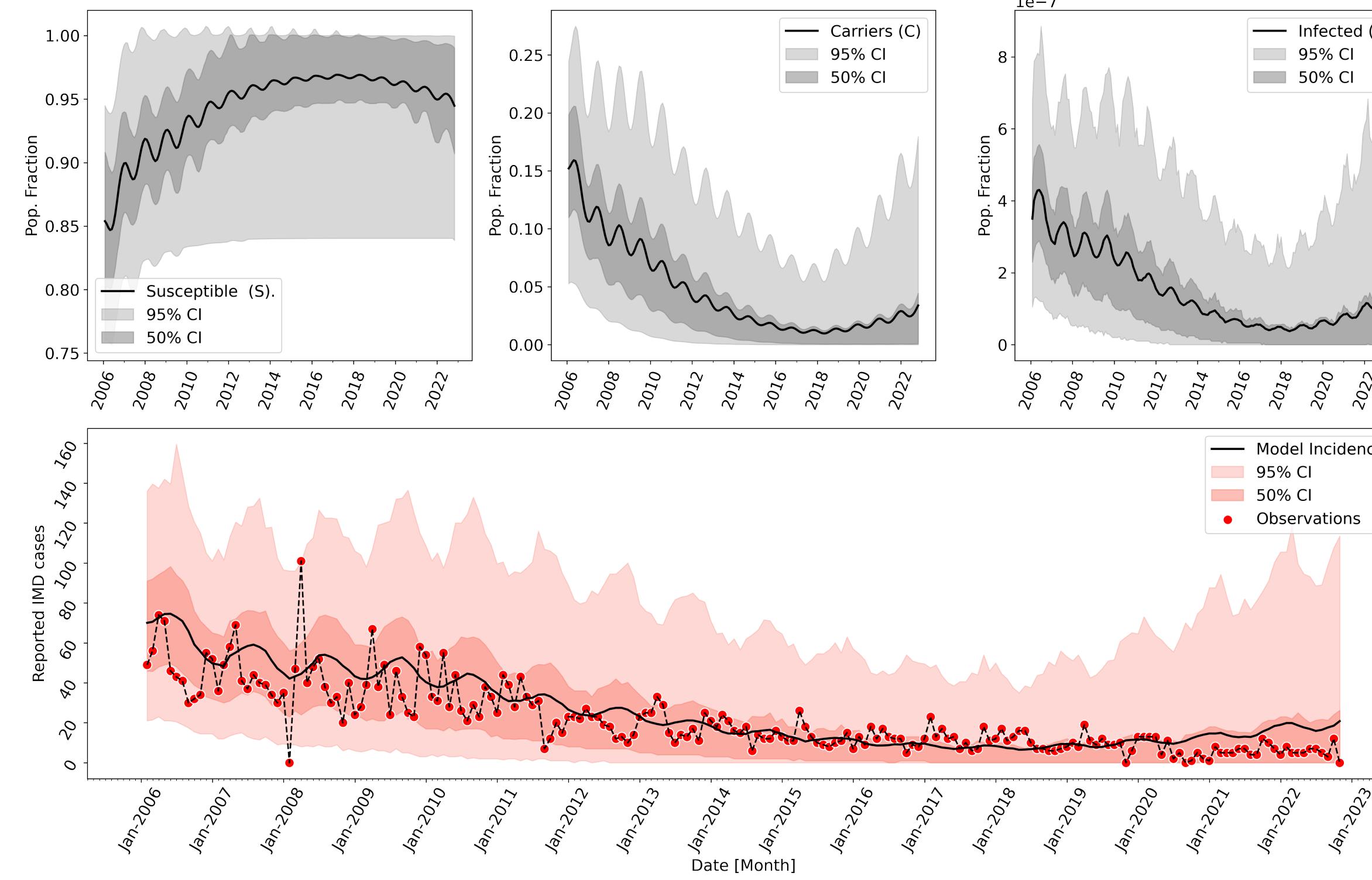


## Transmission + Birth and deaths

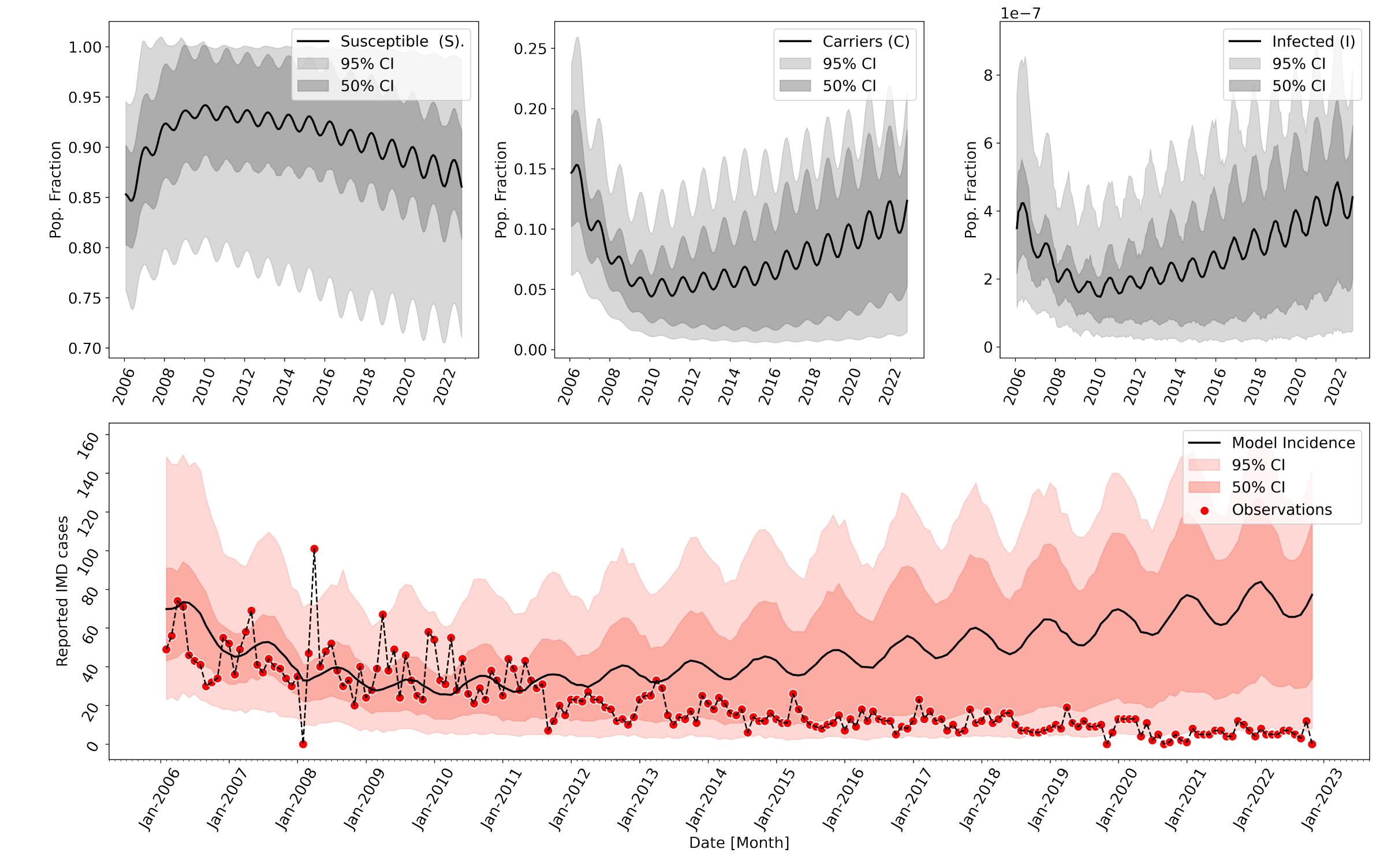


# Missing demography, Results Model 2: Simulation with estimated parameters (EAKF)

## Transmission

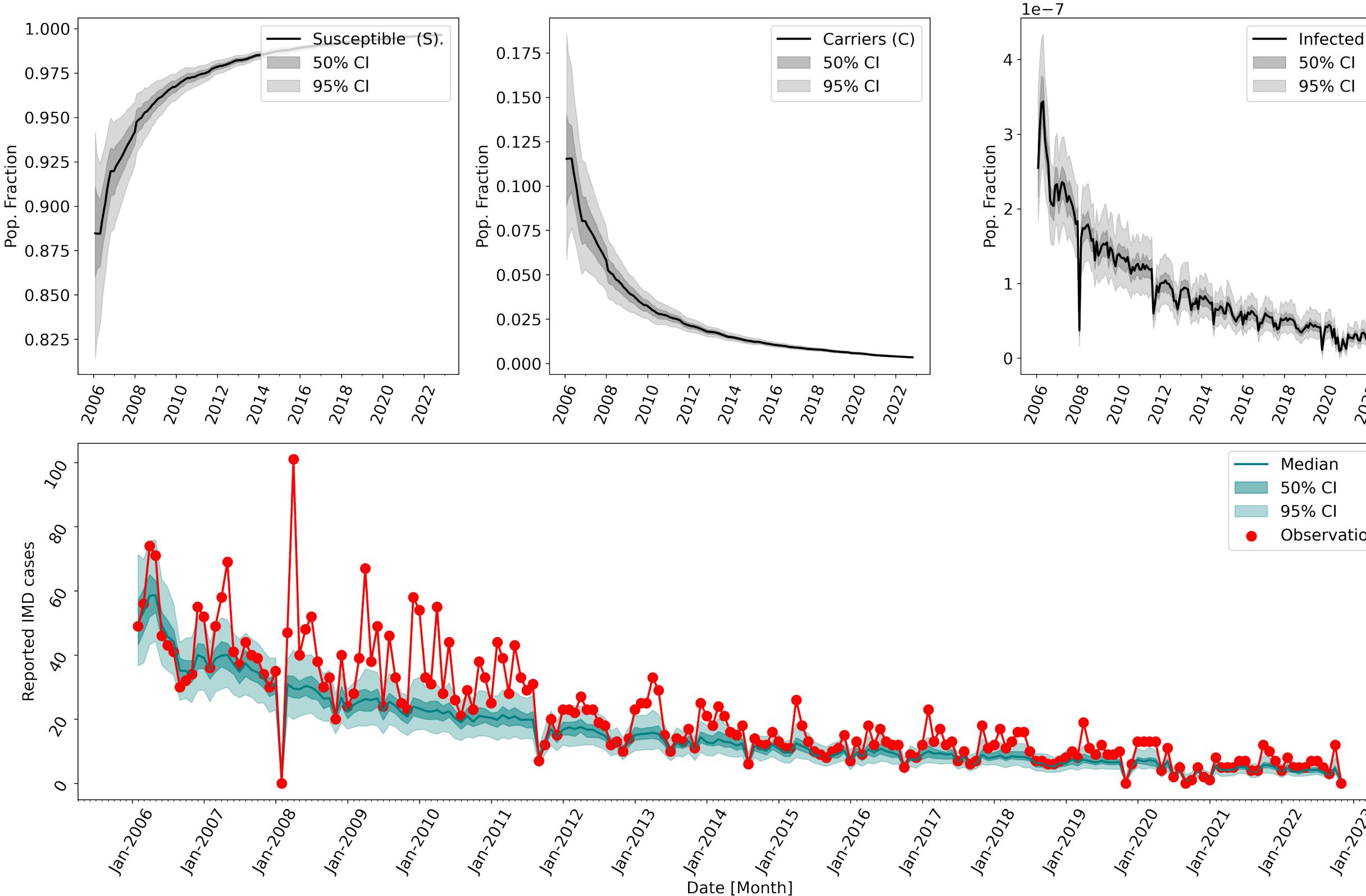


## Transmission + Birth and deaths

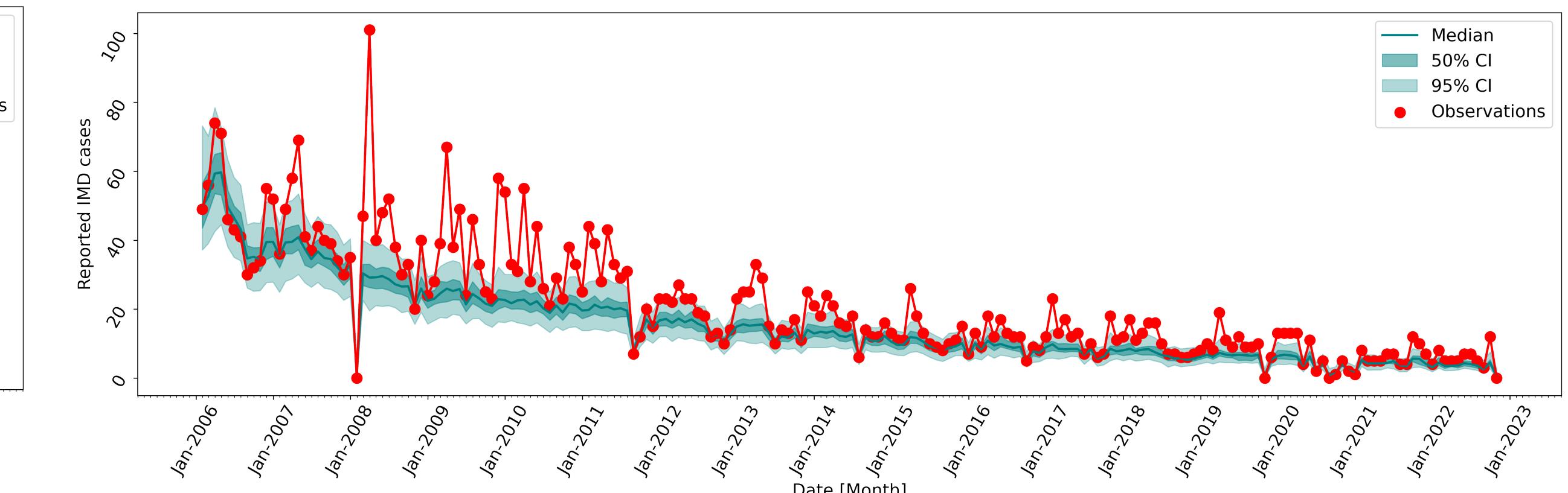
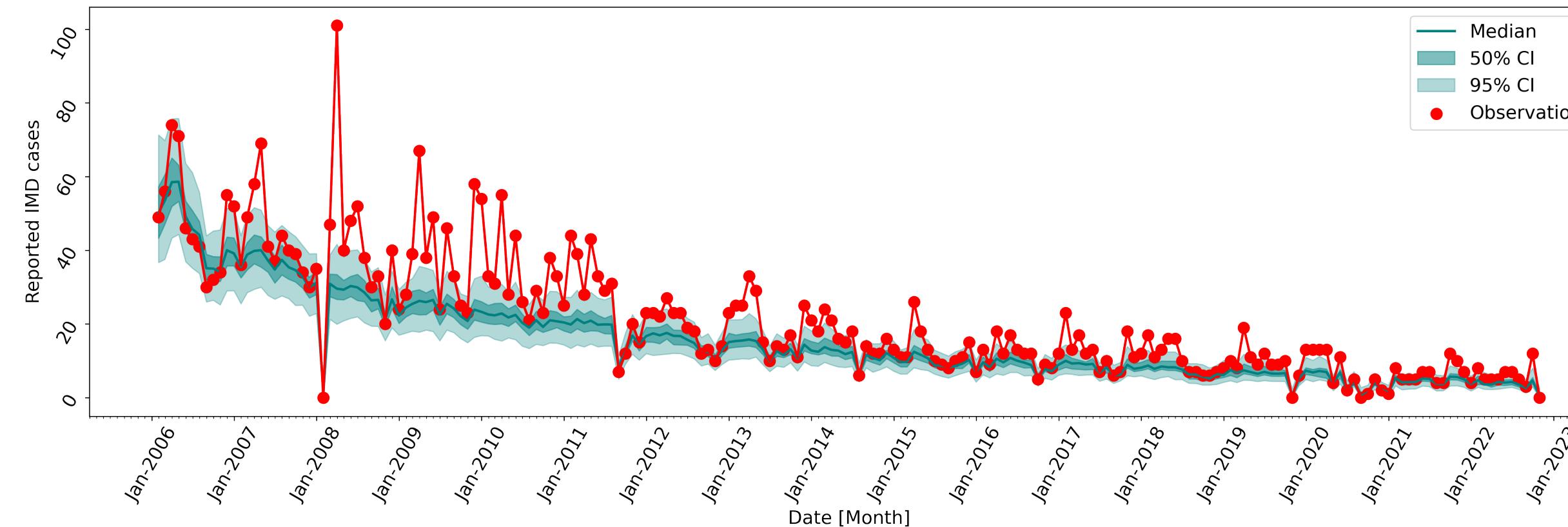
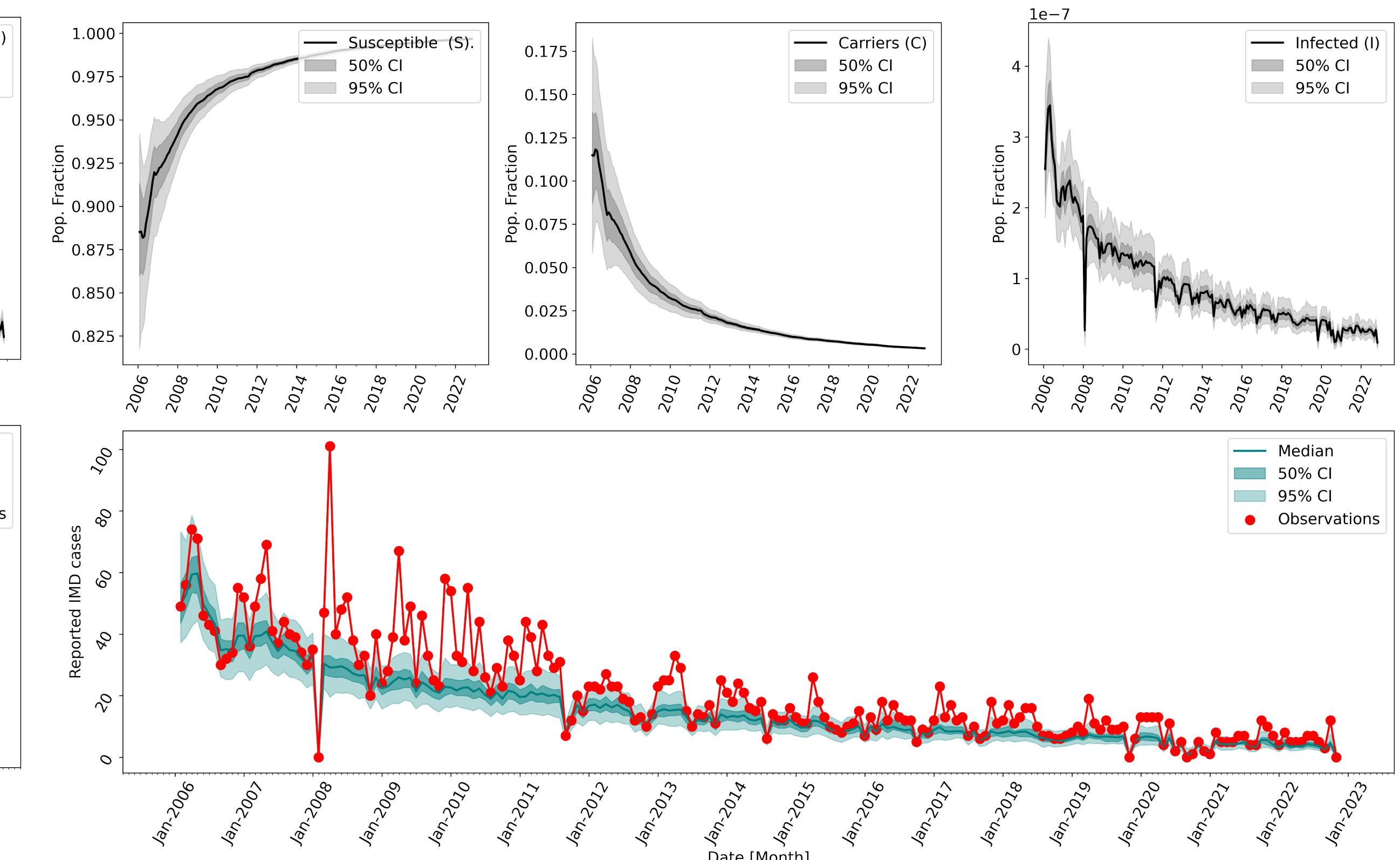


# Missing demography, Results Model 2: Posterior state space estimate (EAKF)

## Transmission

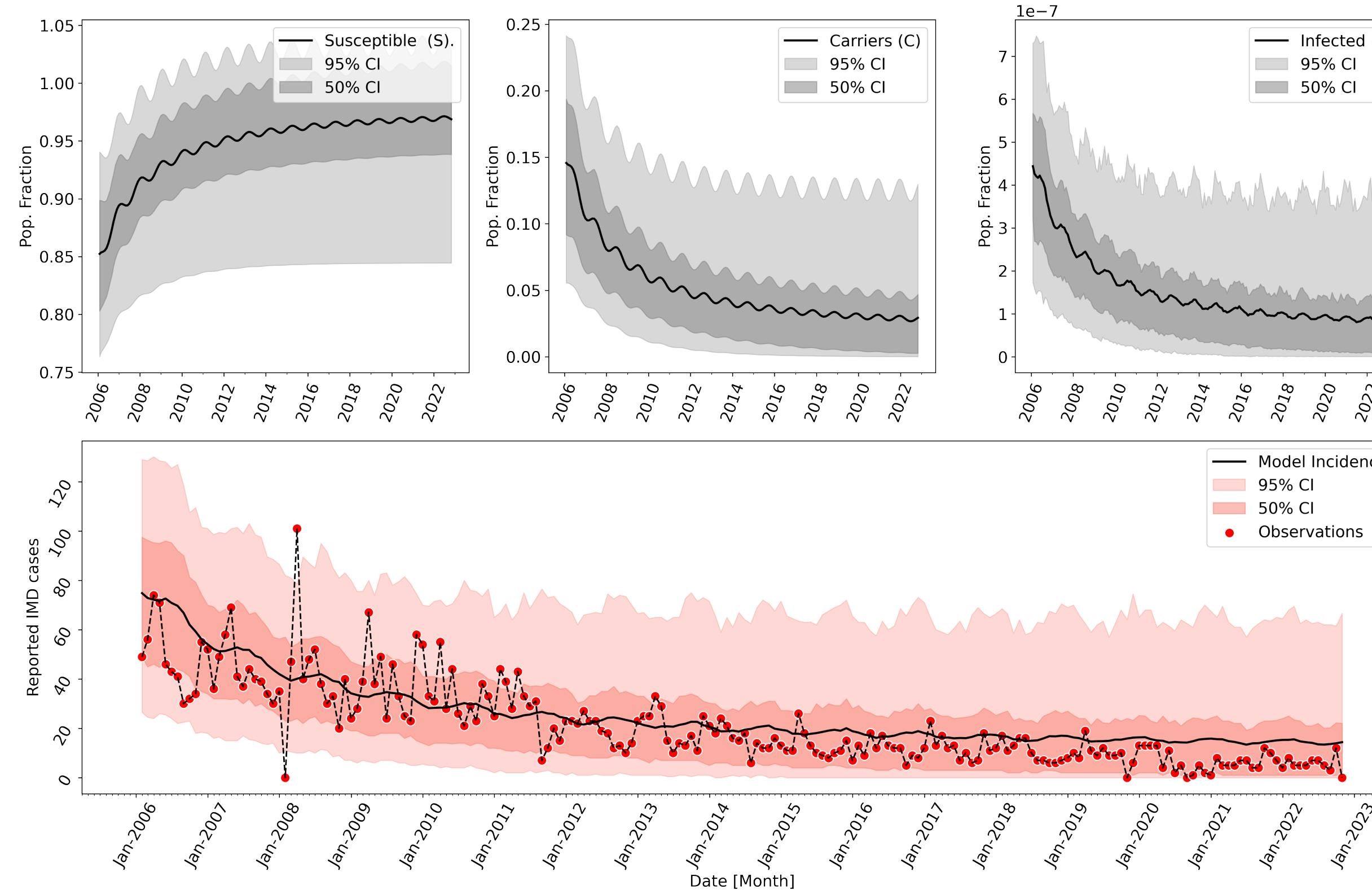


## Transmission + Birth and deaths

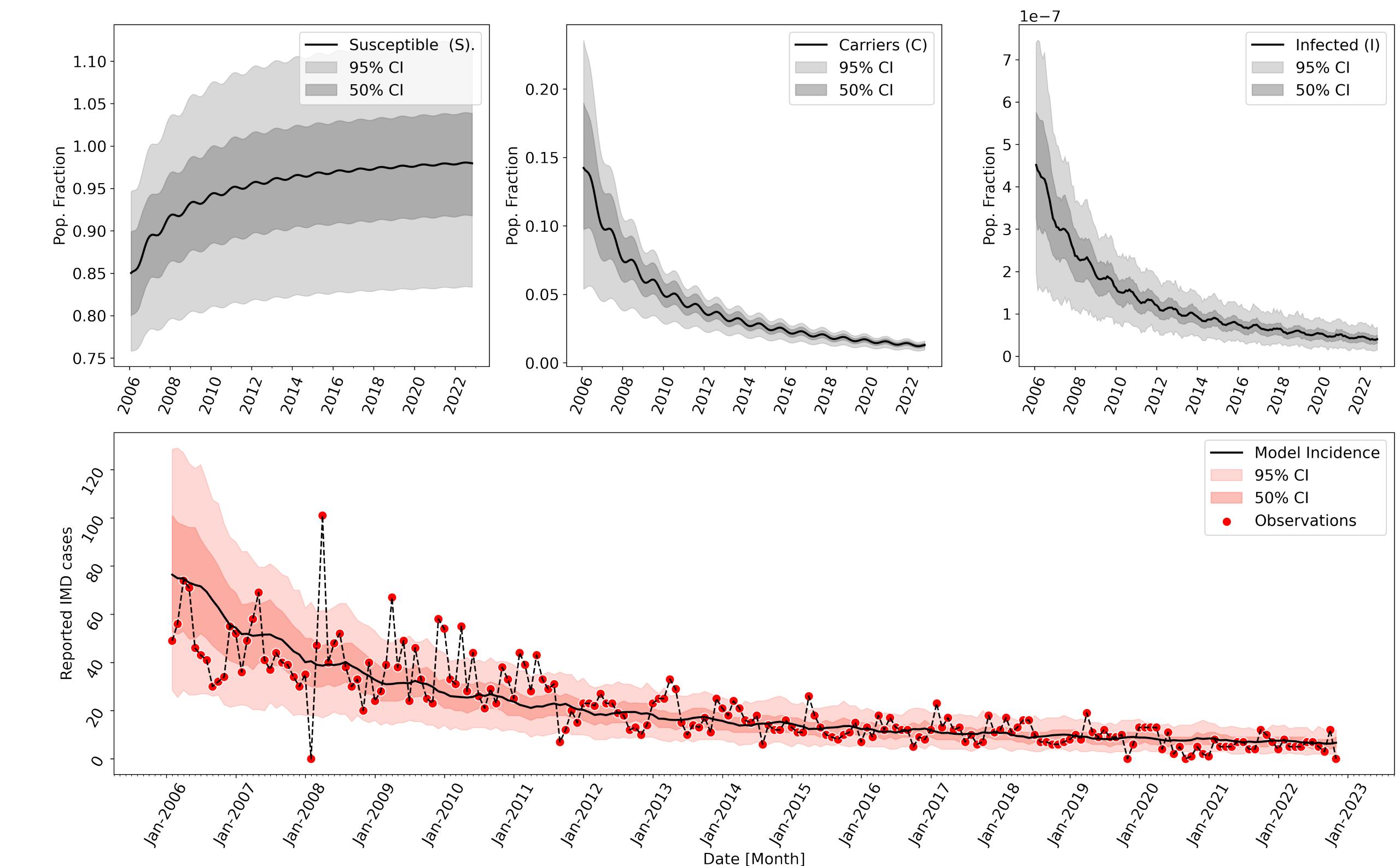


# Missing demography, Results Model 2: Simulation with point parameters estimates (IF-EAKF)

## Transmission

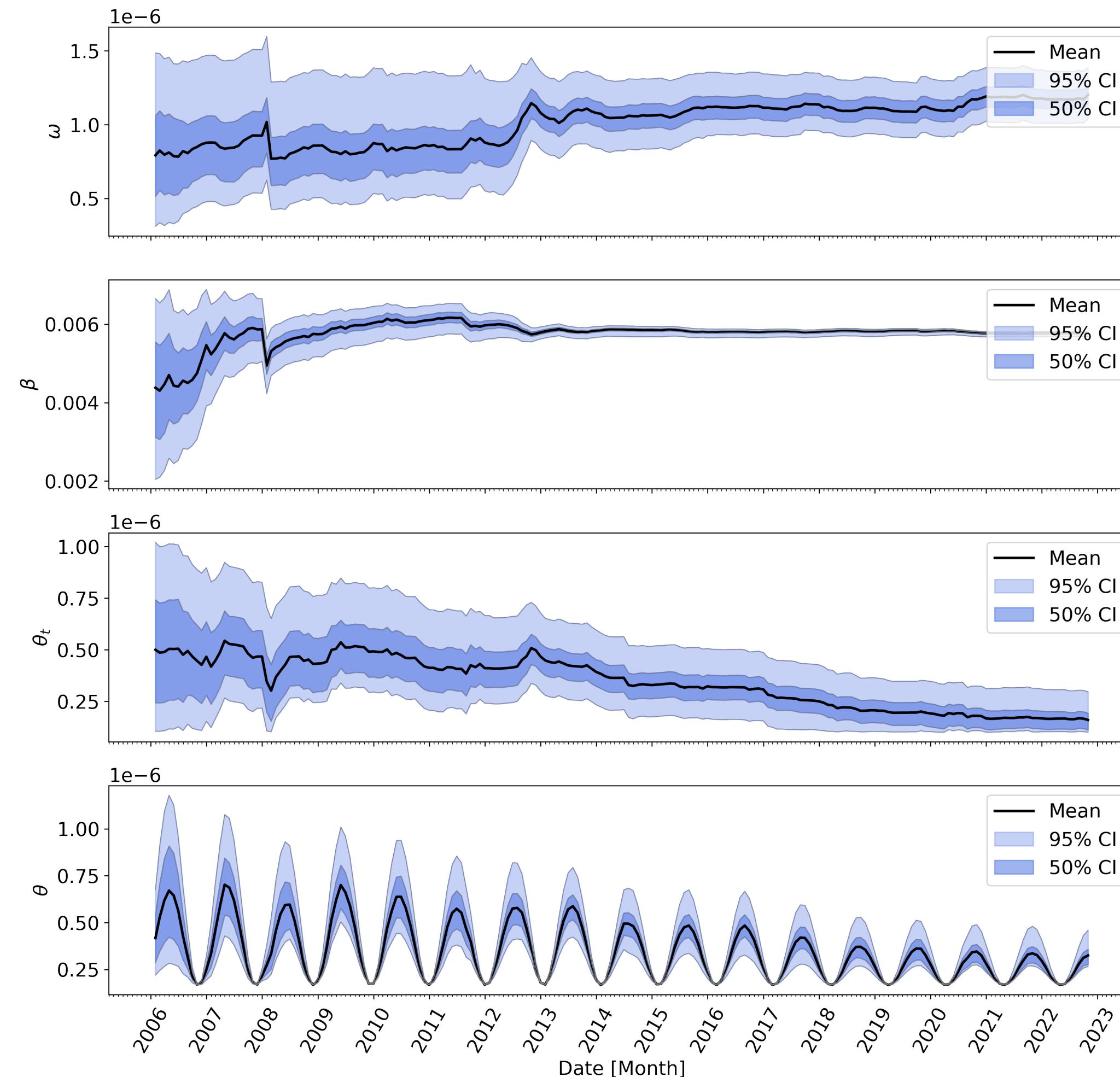


## Transmission + Birth and deaths

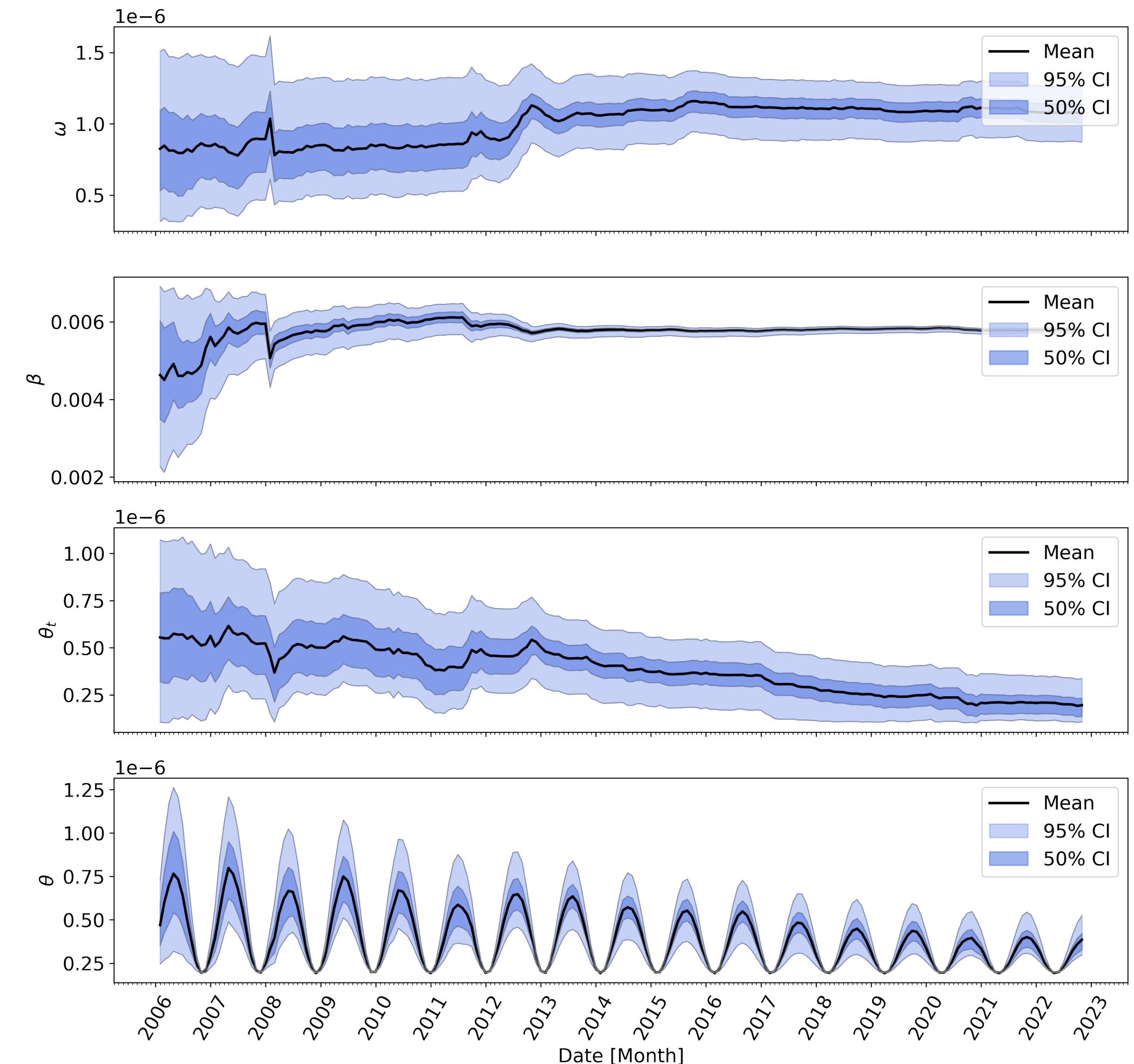


# Missing demography, Results Model 3: Estimated parameters

## Transmission

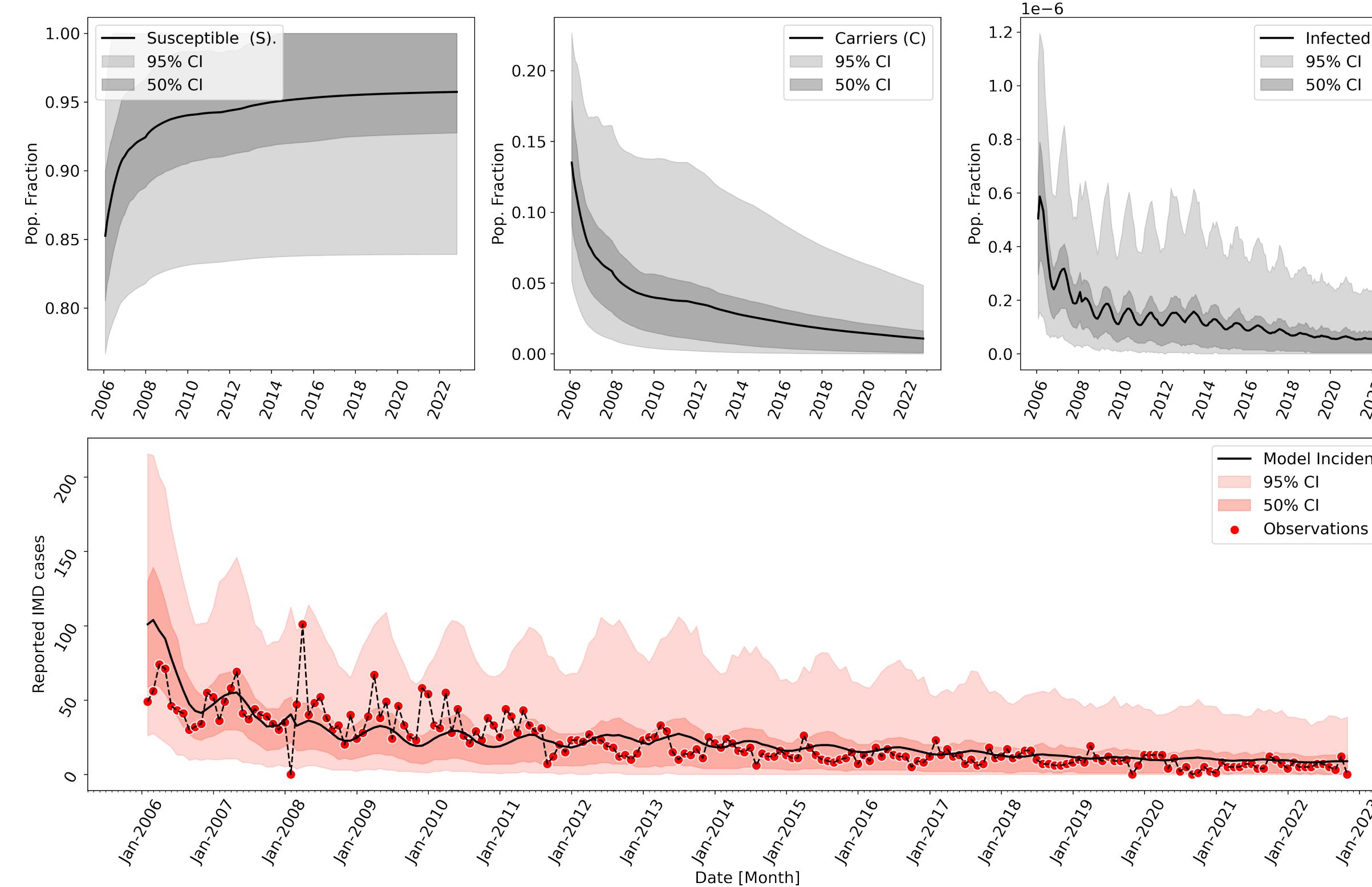


## Transmission + Birth and deaths

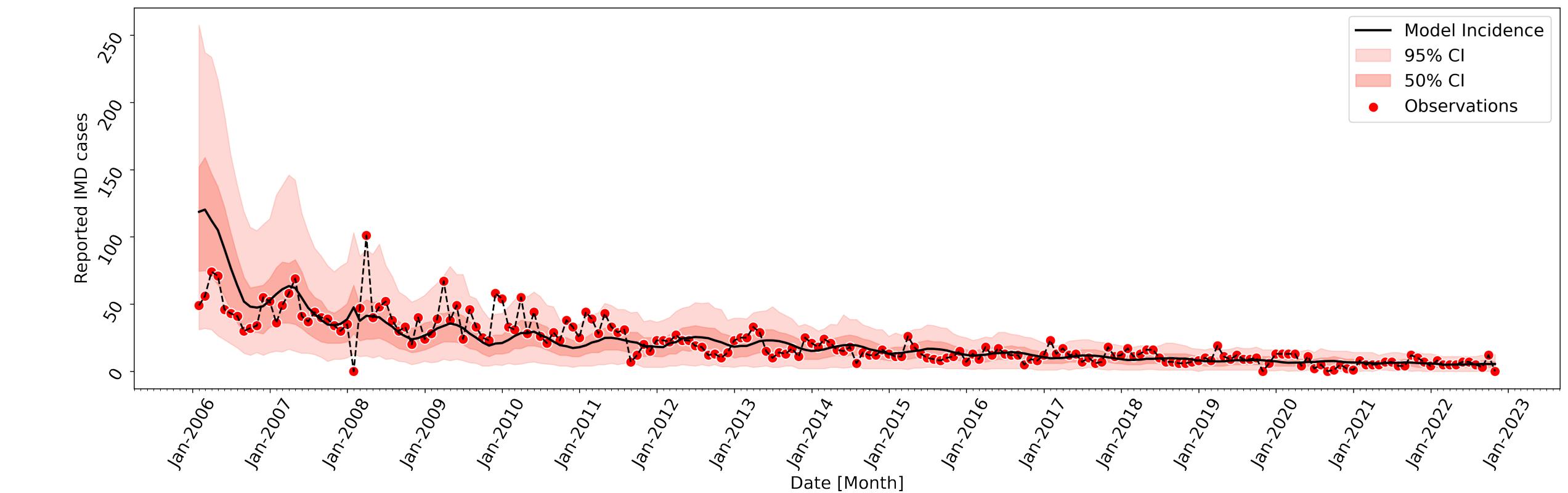
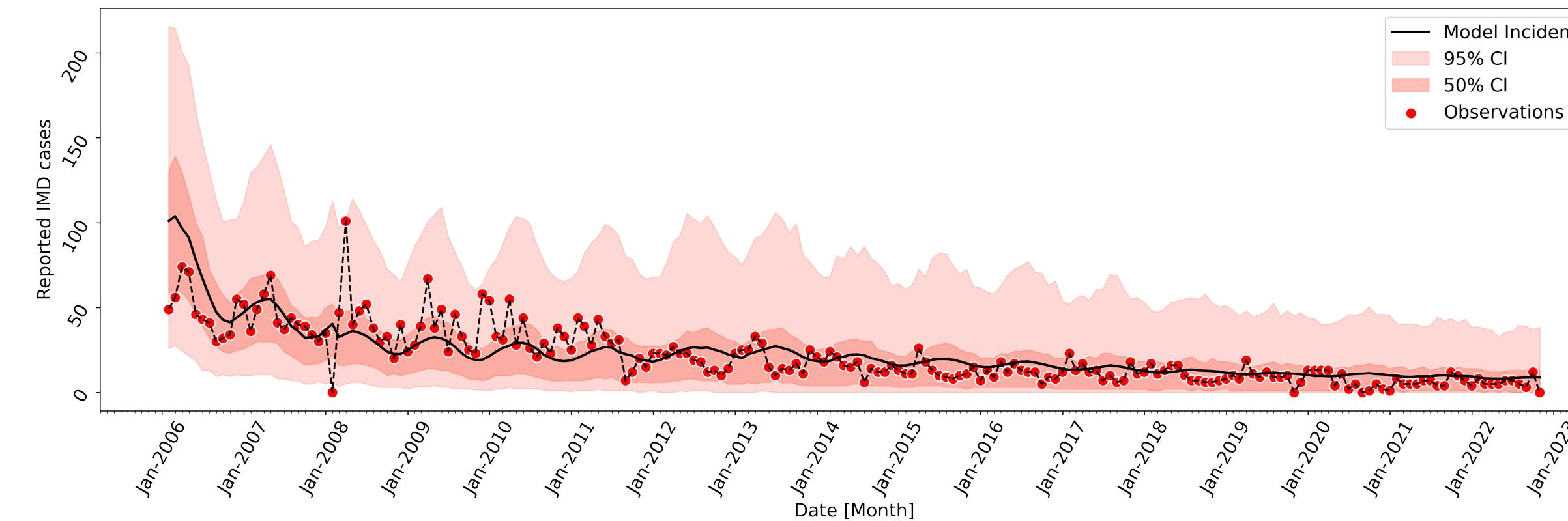
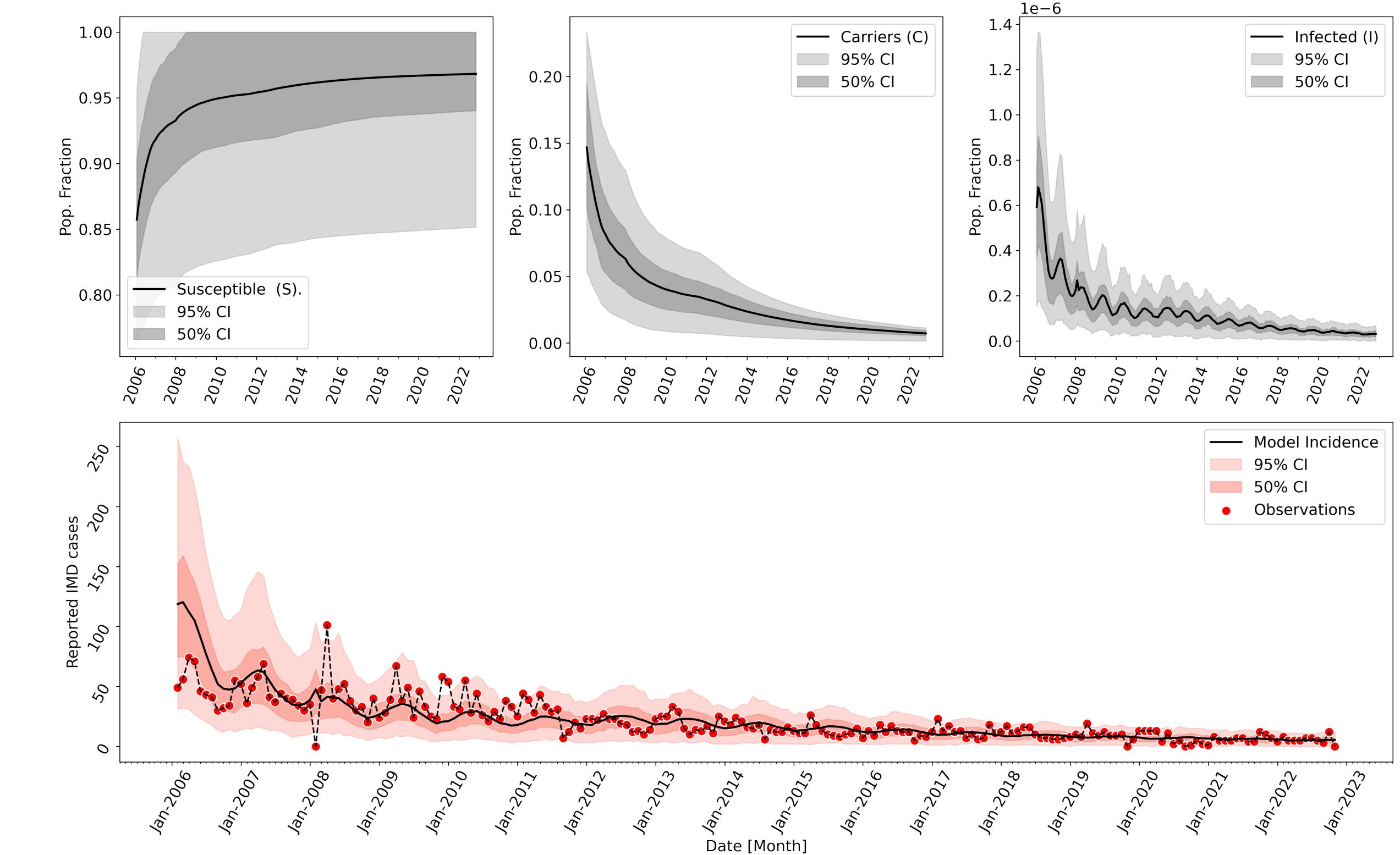


# Missing demography, Results Model 3: Simulation with estimated parameters (EAKF)

## Transmission

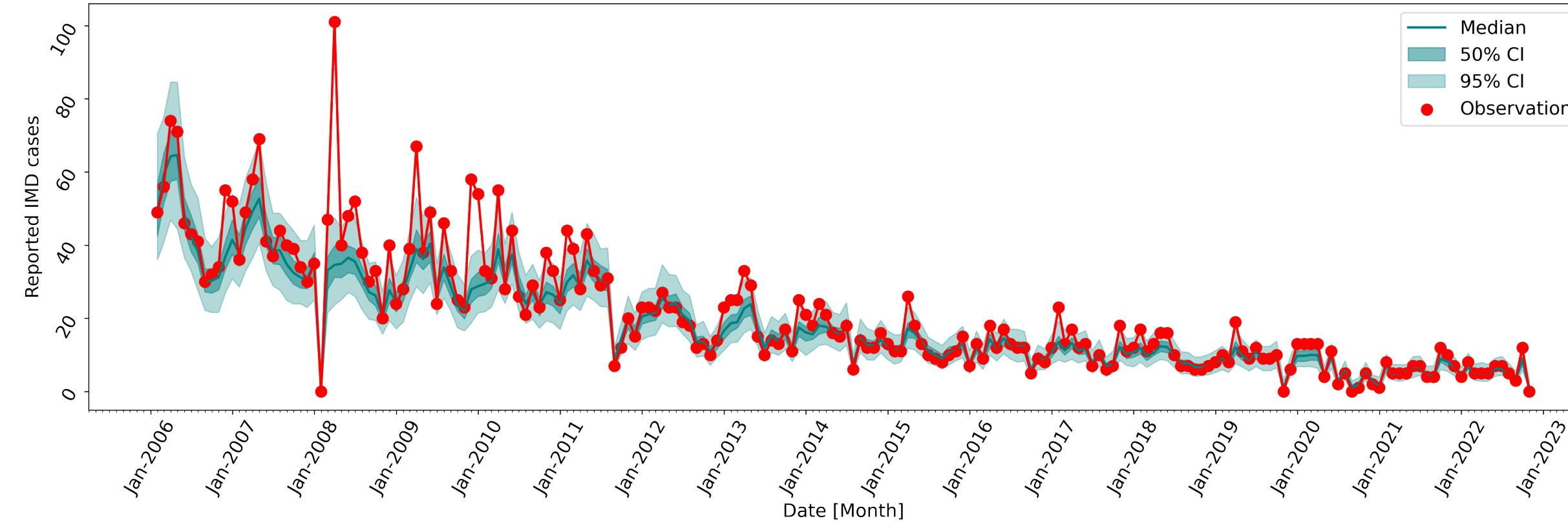
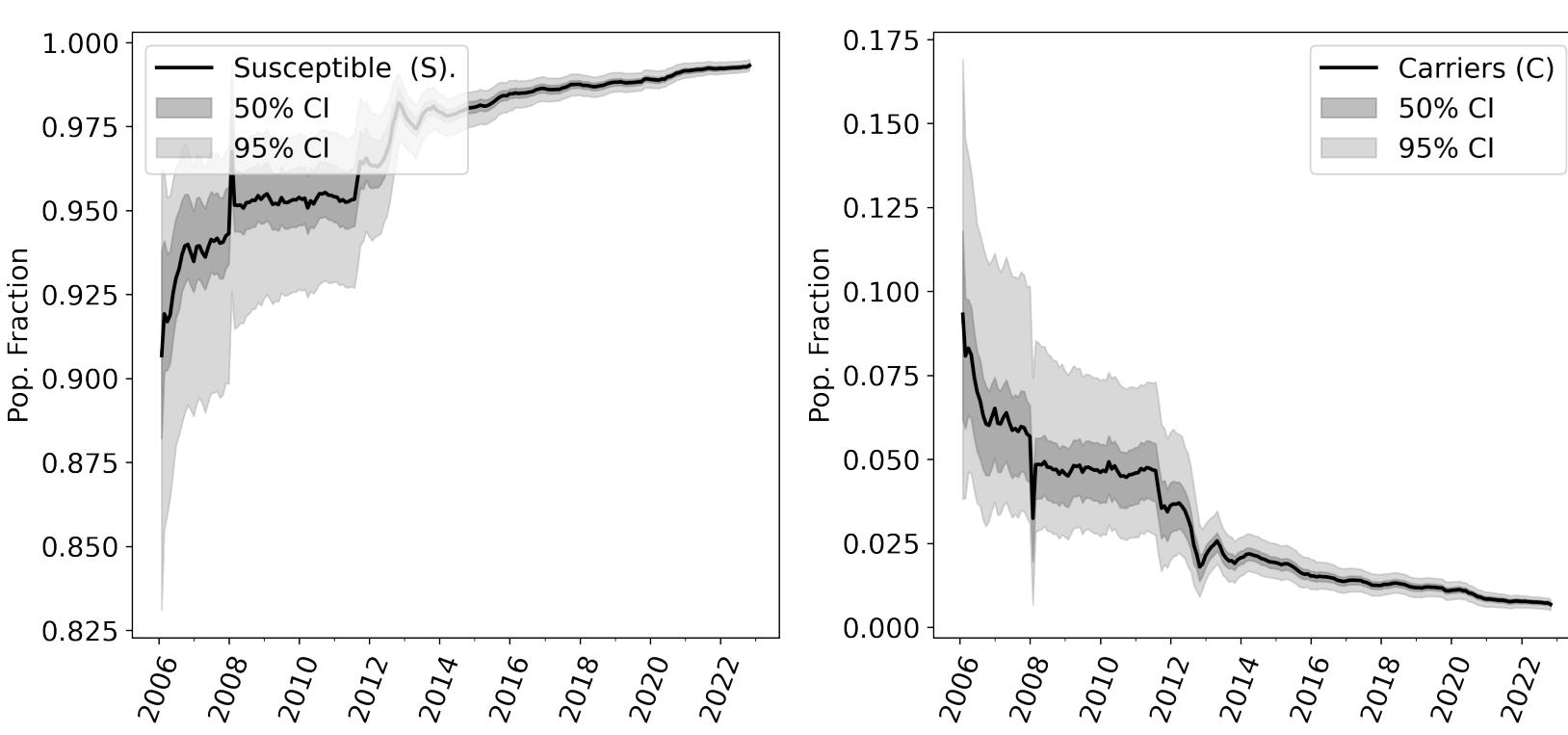


## Transmission + Birth and deaths

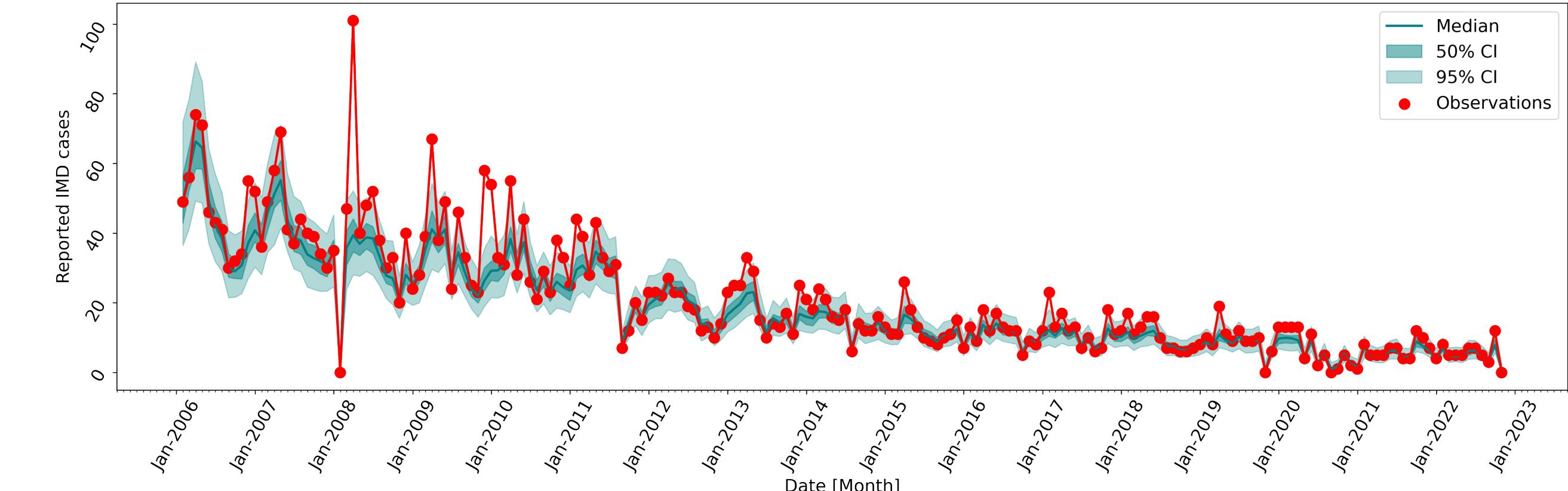
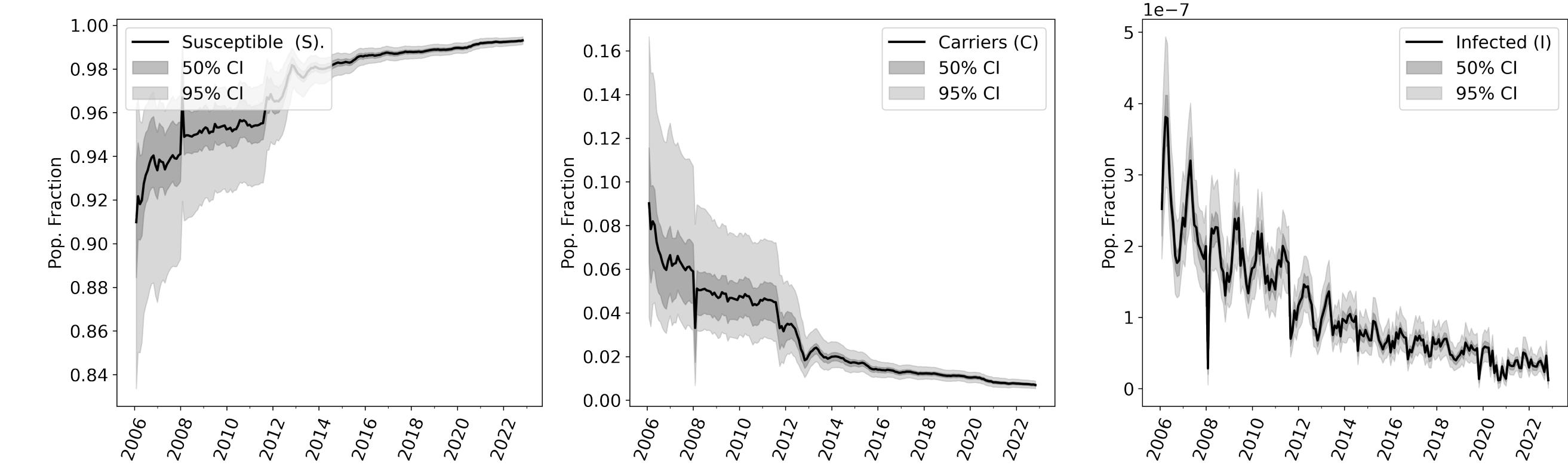


# Missing demography, Results Model 3: Posterior state space estimate (EAKF)

## Transmission

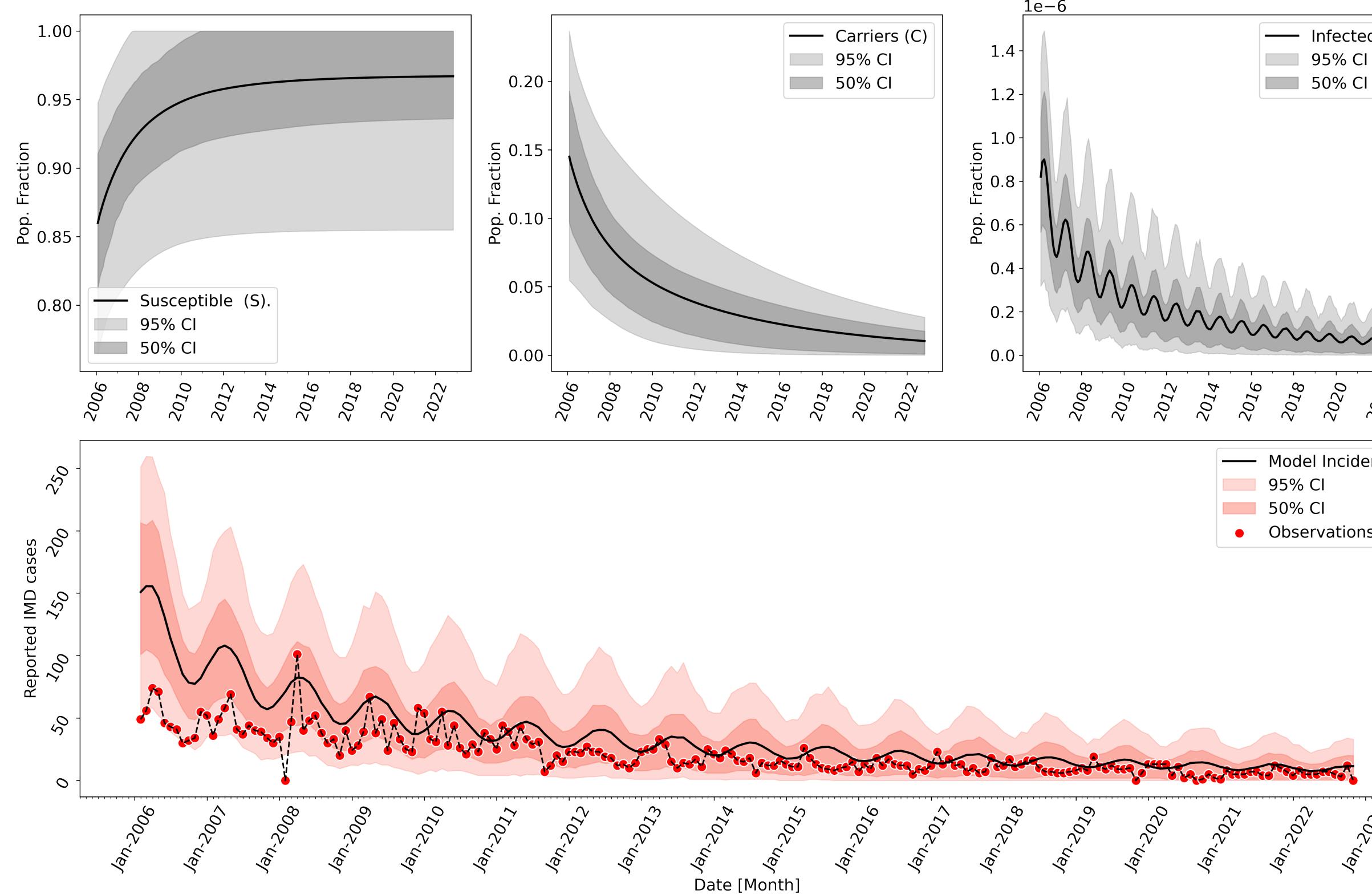


## Transmission + Birth and deaths



# Missing demography, Results Model 3: Simulation with point parameters estimates (IF-EAKF)

## Transmission



## Transmission + Birth and deaths

