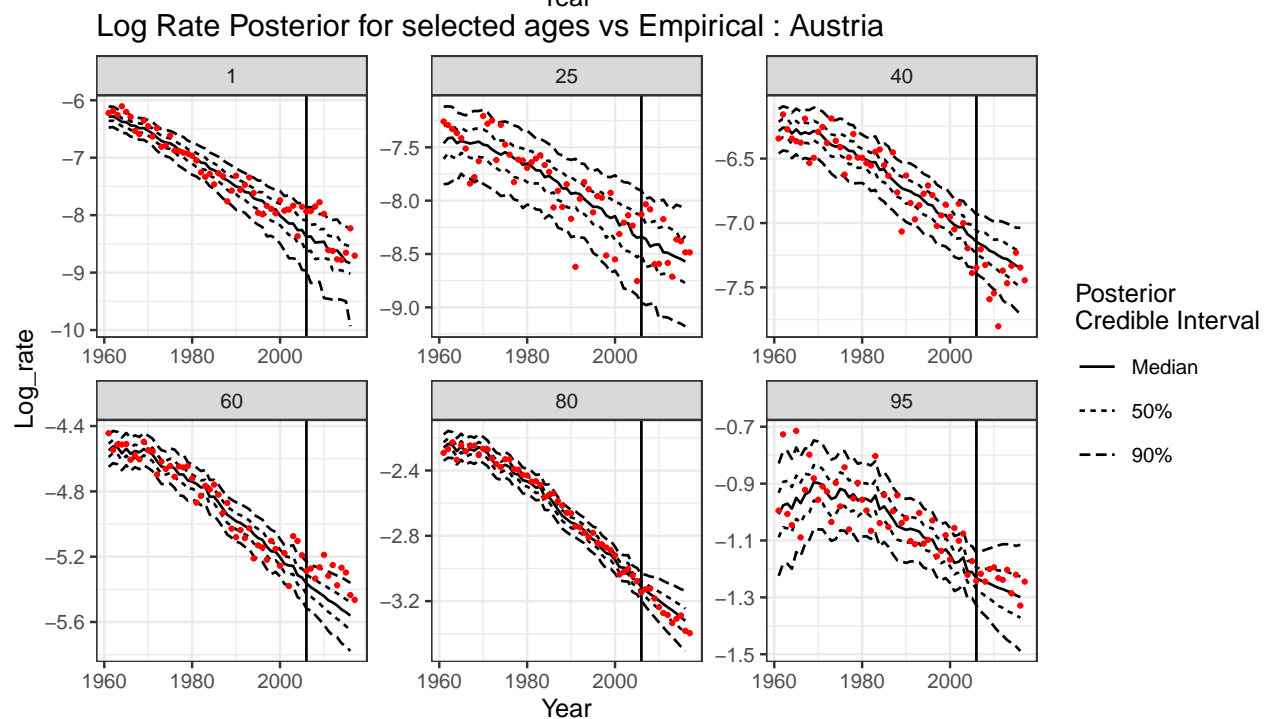
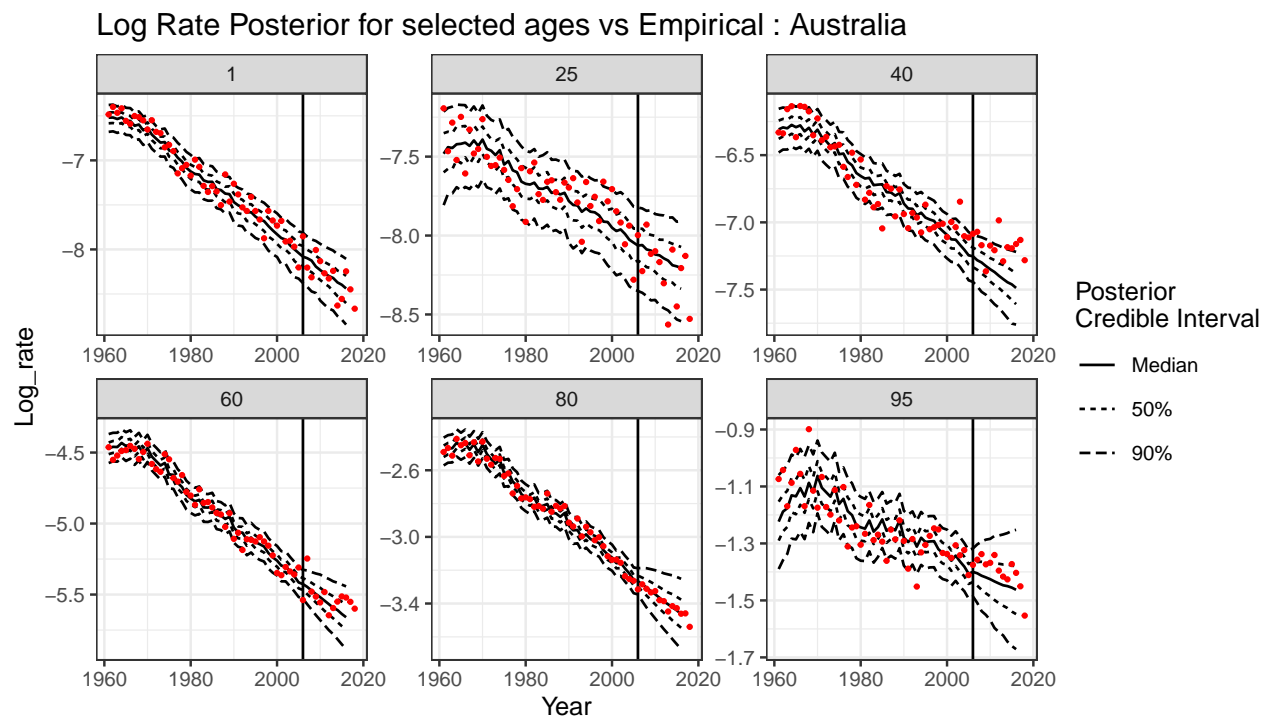
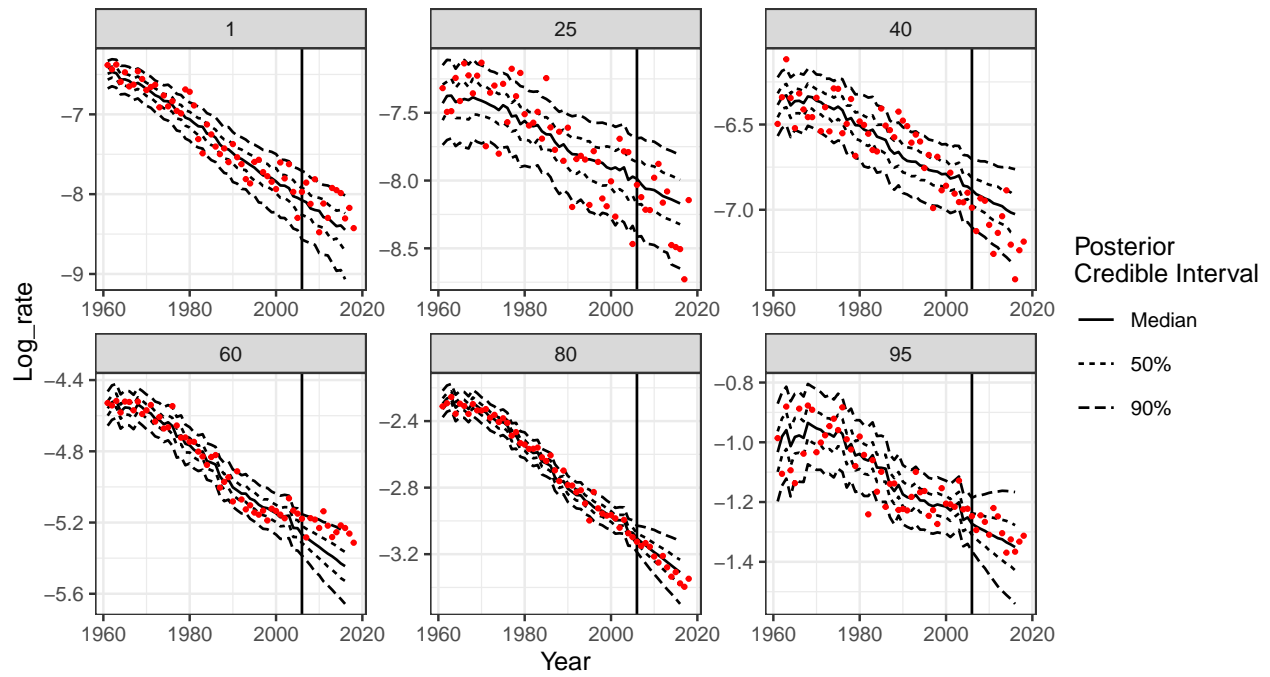


Appendix: Modelling frontier mortality using Bayesian Generalised Additive Models

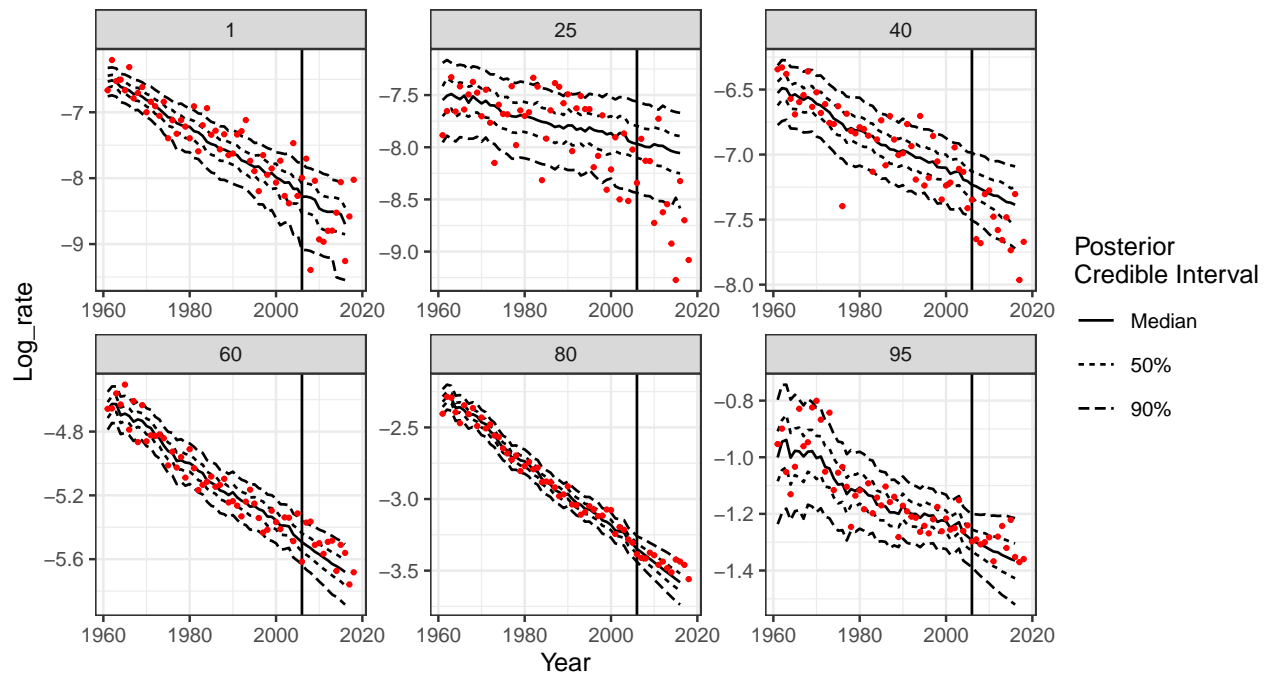
1 Country Forecast Plots - Independent Model



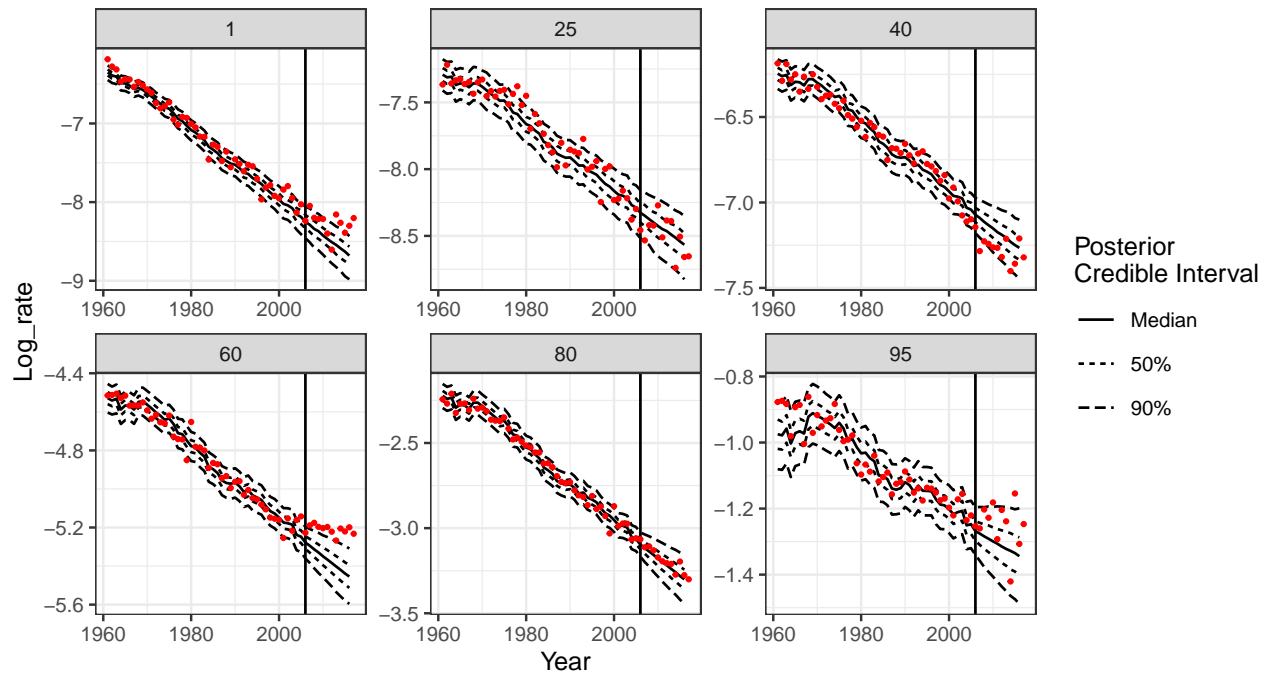
Log Rate Posterior for selected ages vs Empirical : Belgium



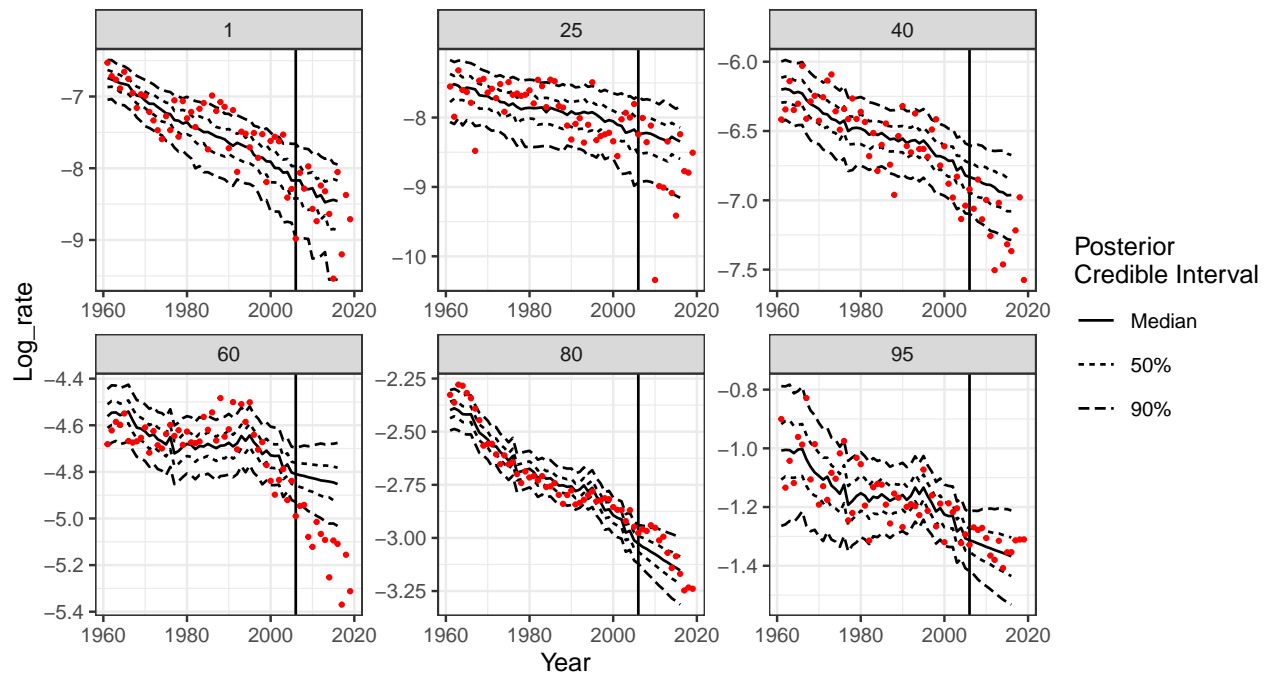
Log Rate Posterior for selected ages vs Empirical : Switzerland



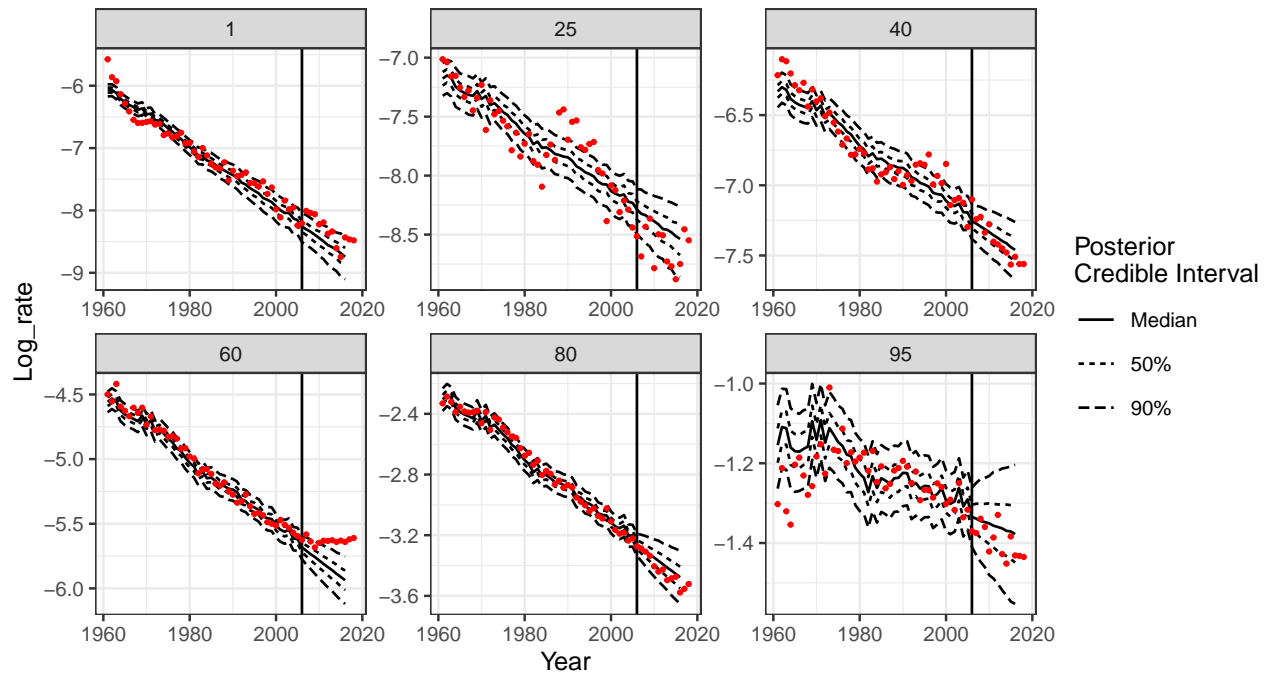
Log Rate Posterior for selected ages vs Empirical : West Germany



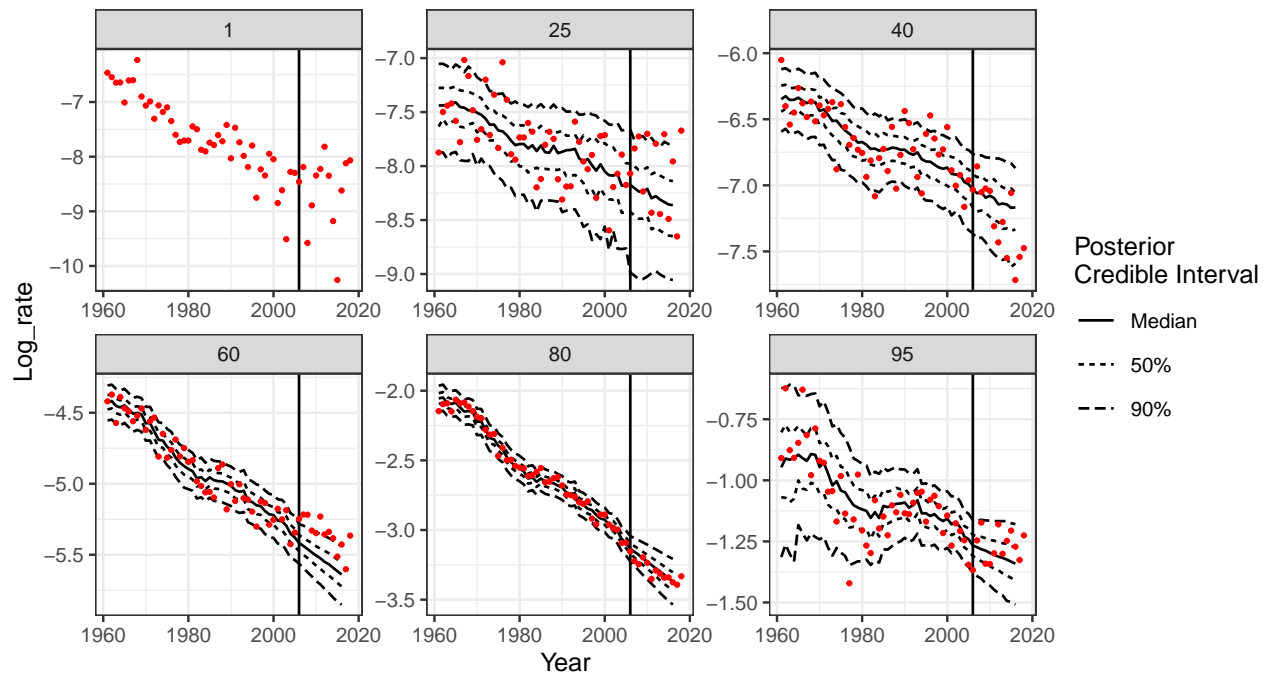
Log Rate Posterior for selected ages vs Empirical : Denmark



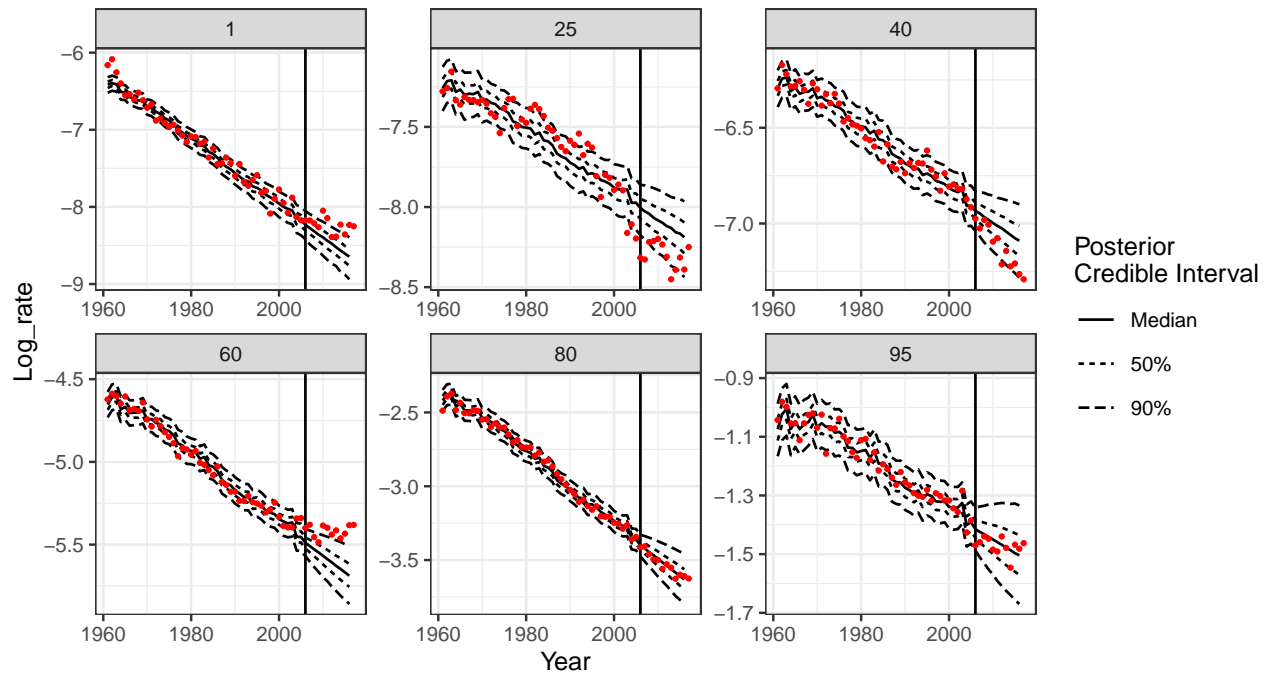
Log Rate Posterior for selected ages vs Empirical : Spain



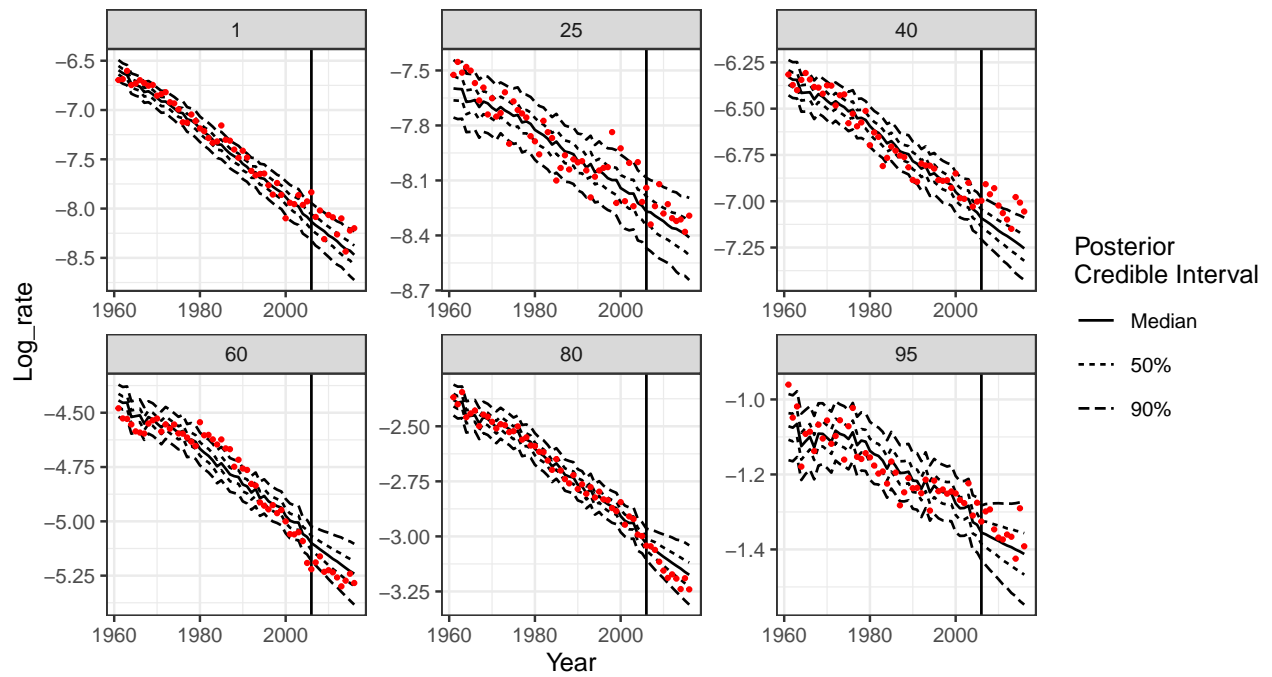
Log Rate Posterior for selected ages vs Empirical : Finland



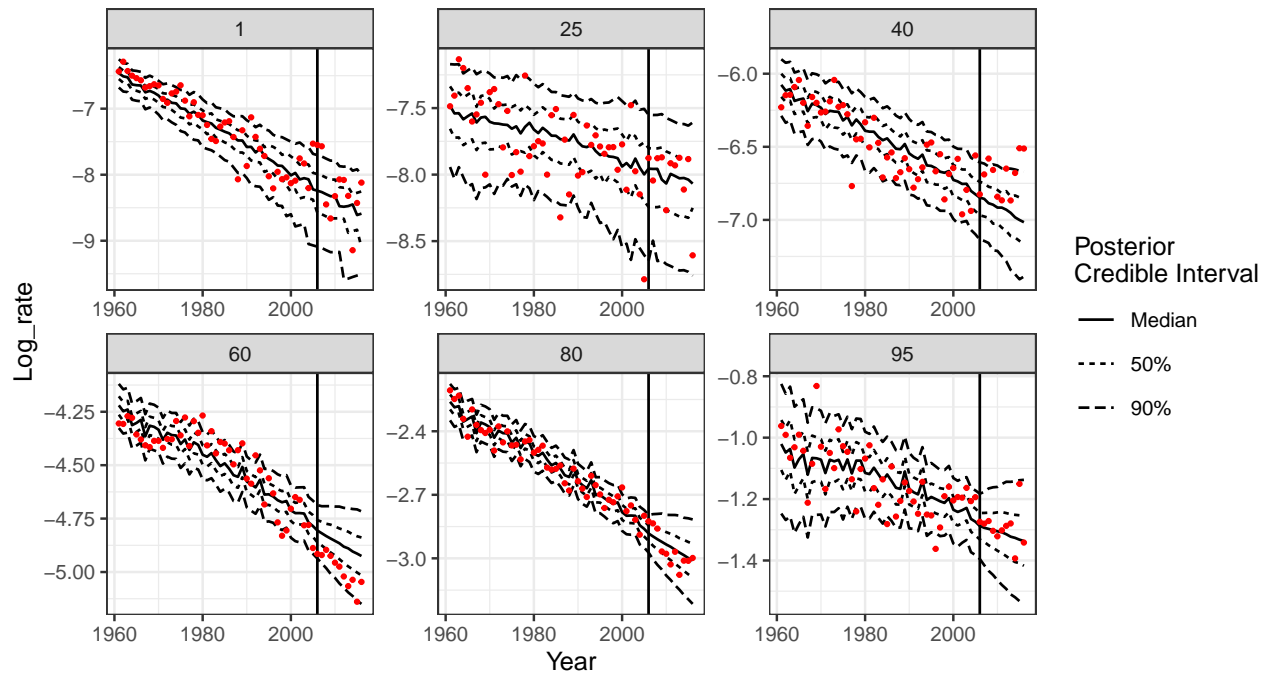
Log Rate Posterior for selected ages vs Empirical : France



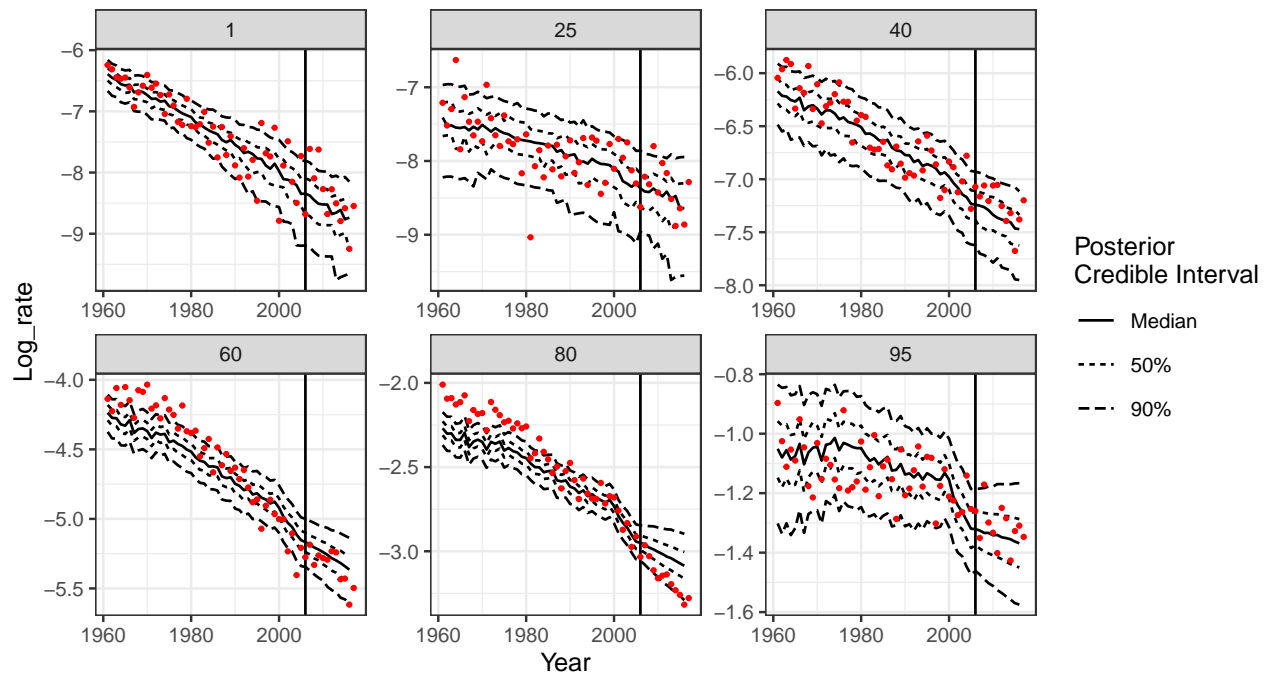
Log Rate Posterior for selected ages vs Empirical : England and Wales



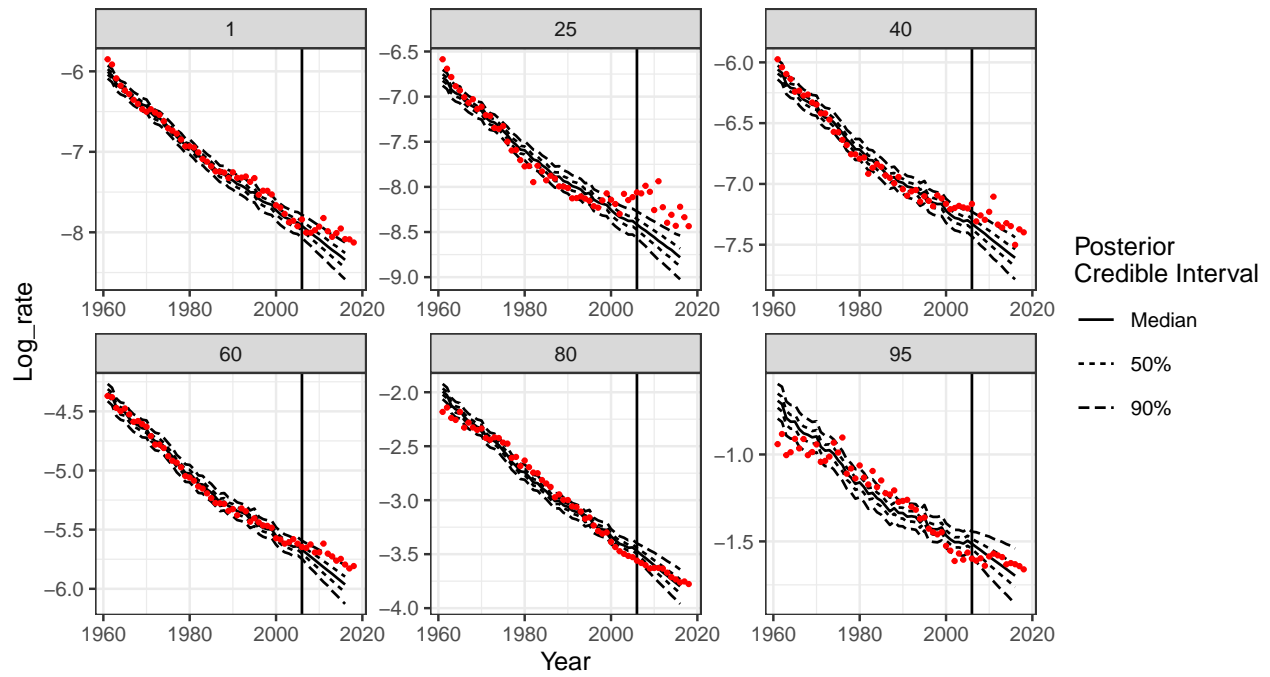
Log Rate Posterior for selected ages vs Empirical : Scotland



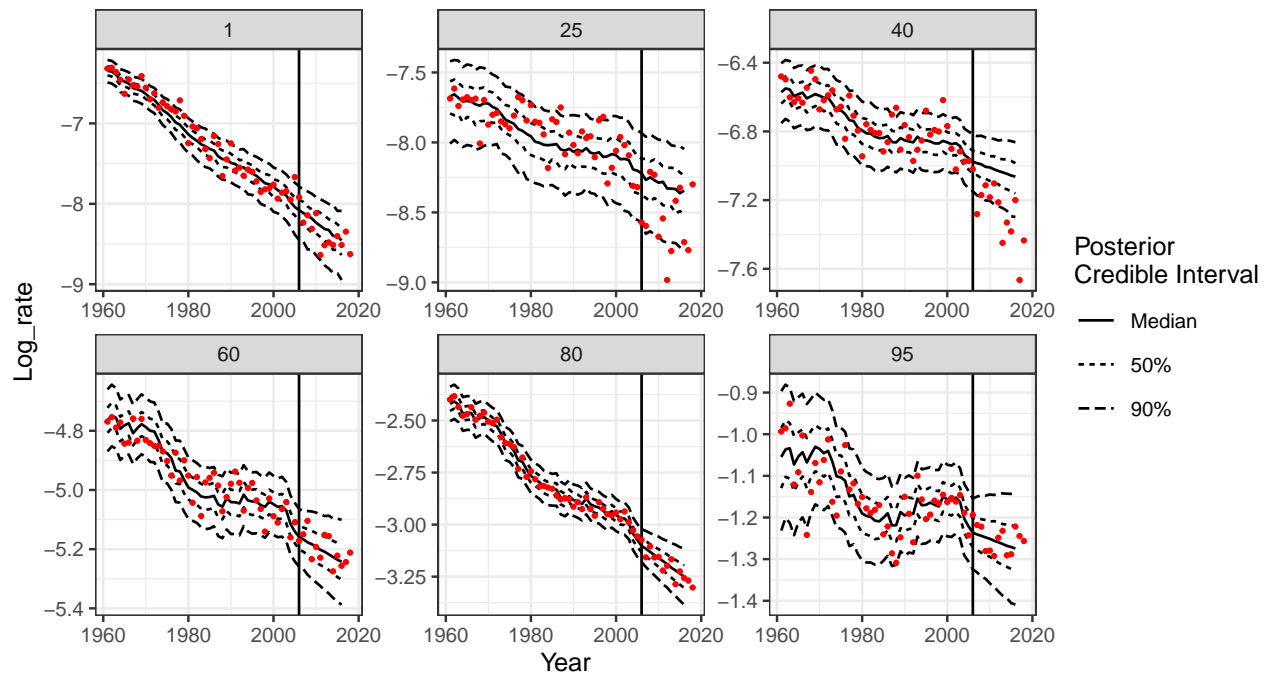
Log Rate Posterior for selected ages vs Empirical : Ireland



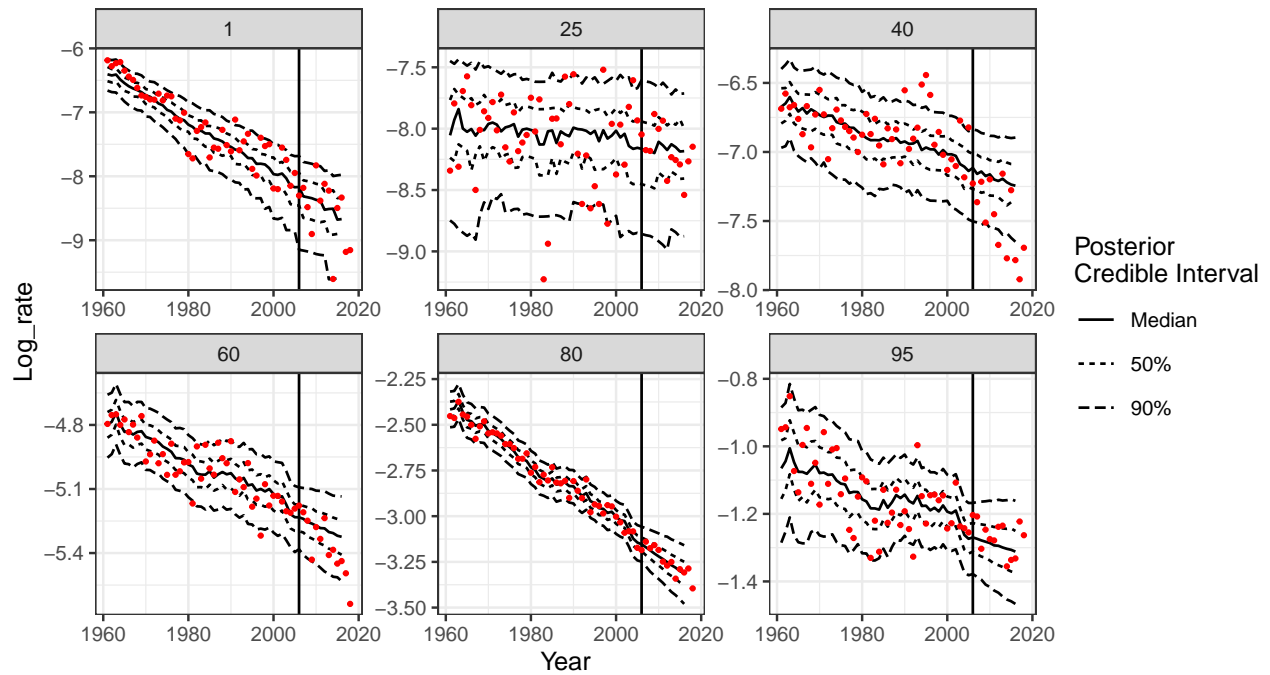
Log Rate Posterior for selected ages vs Empirical : Japan



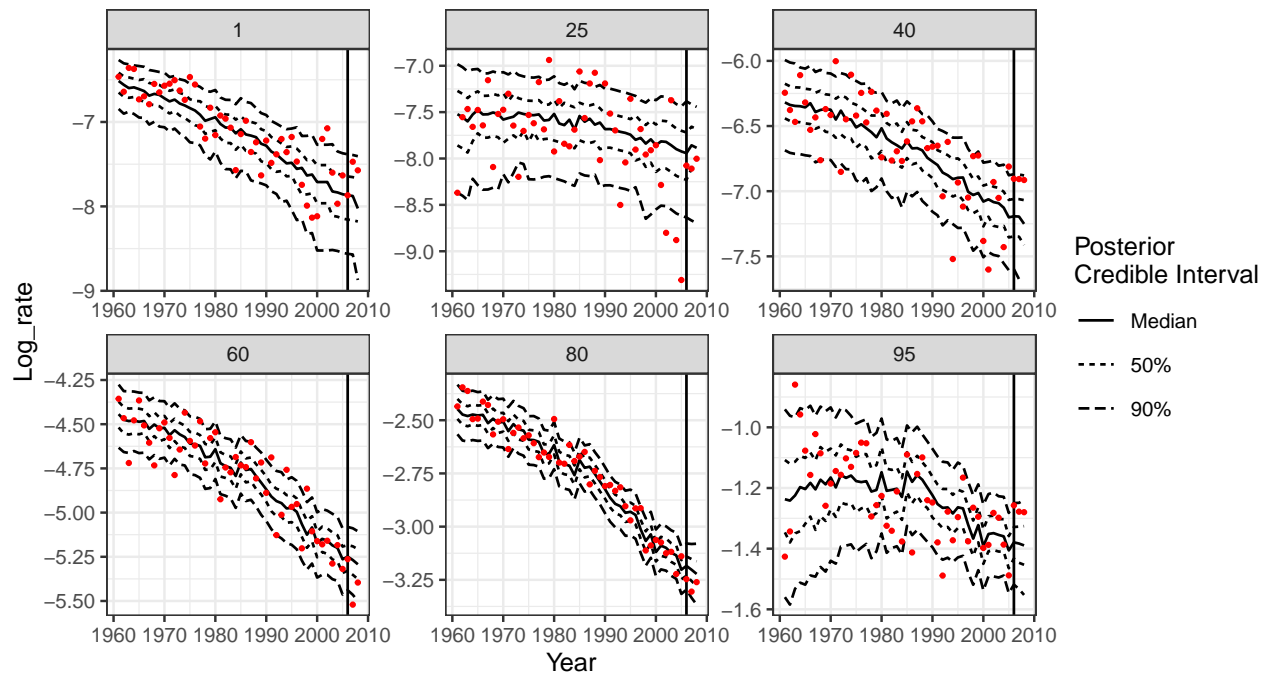
Log Rate Posterior for selected ages vs Empirical : Netherlands



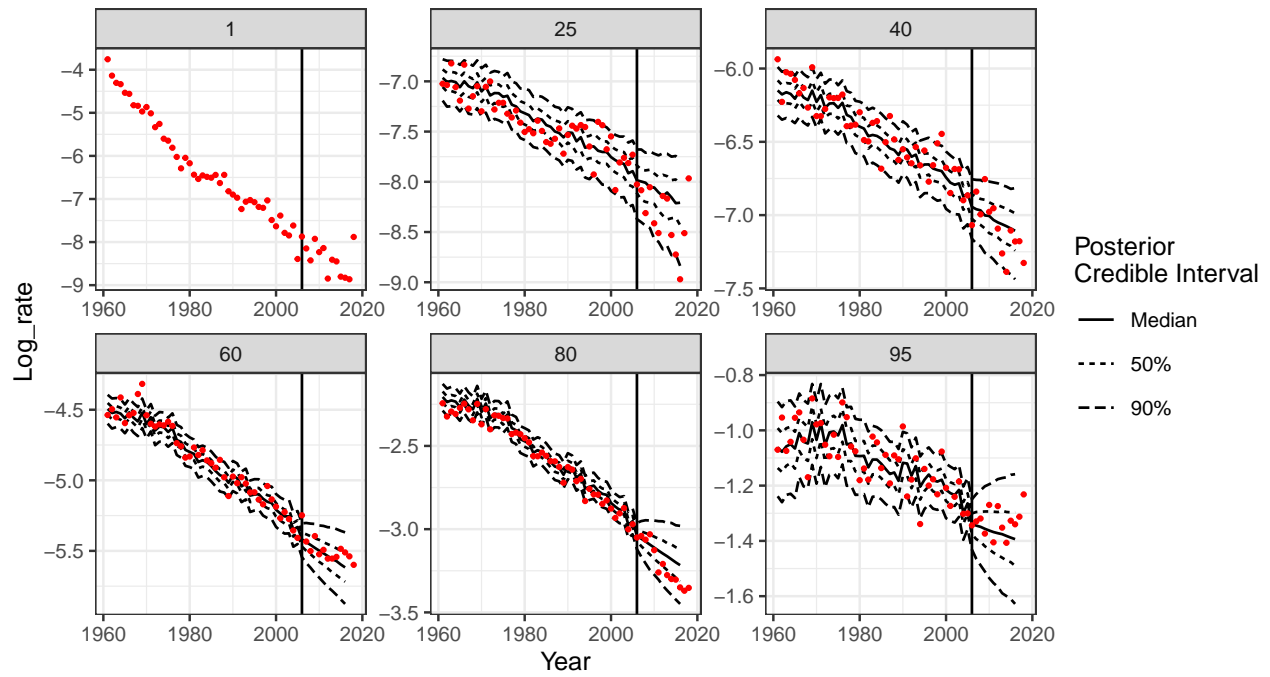
Log Rate Posterior for selected ages vs Empirical : Norway



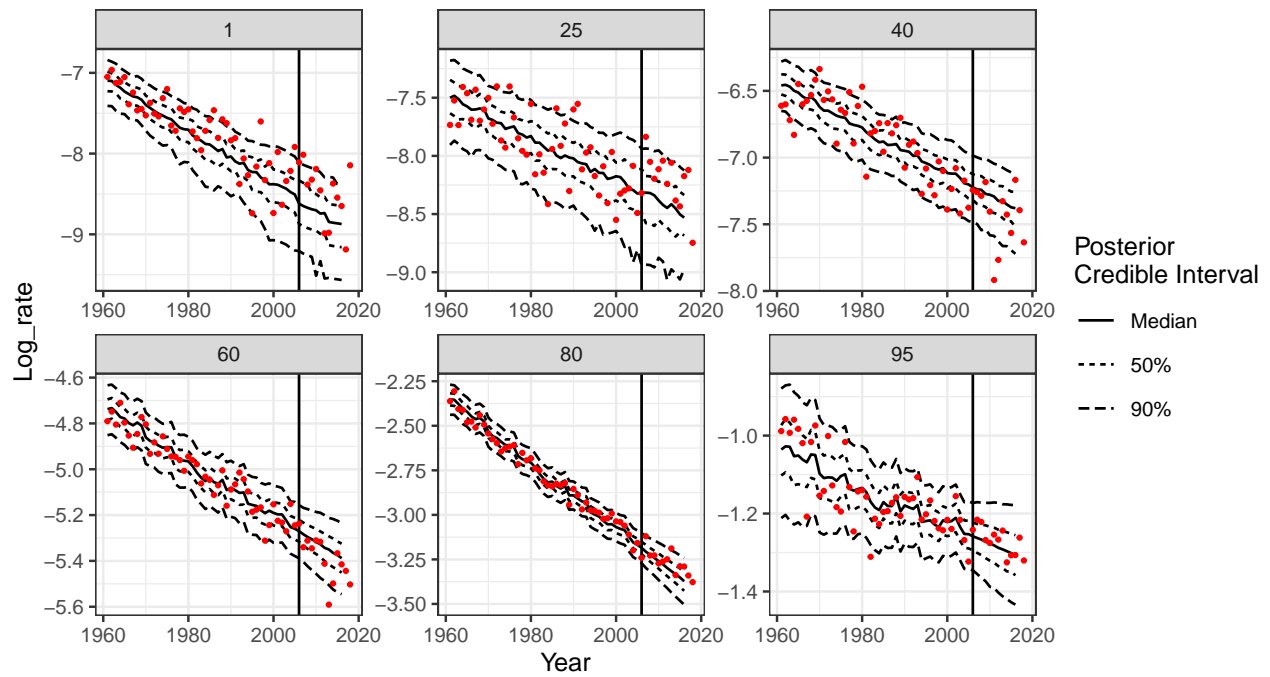
Log Rate Posterior for selected ages vs Empirical : New Zealand (non-Maori)



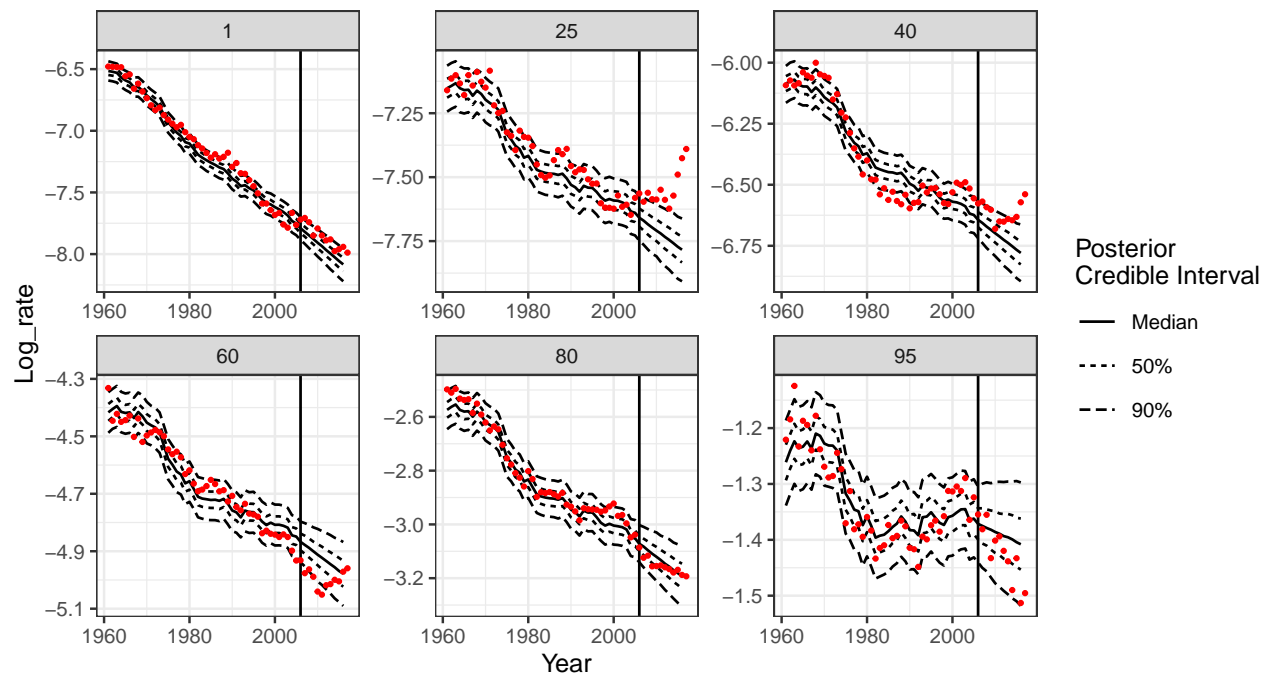
Log Rate Posterior for selected ages vs Empirical : Portugal



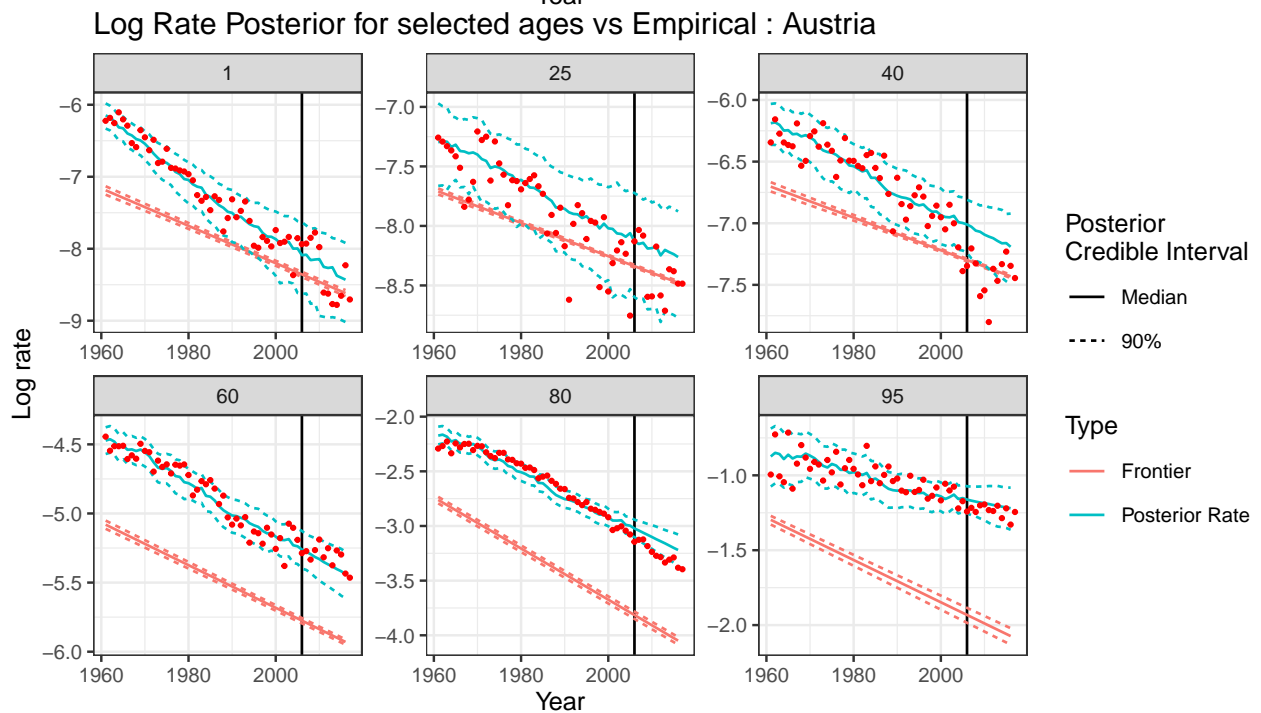
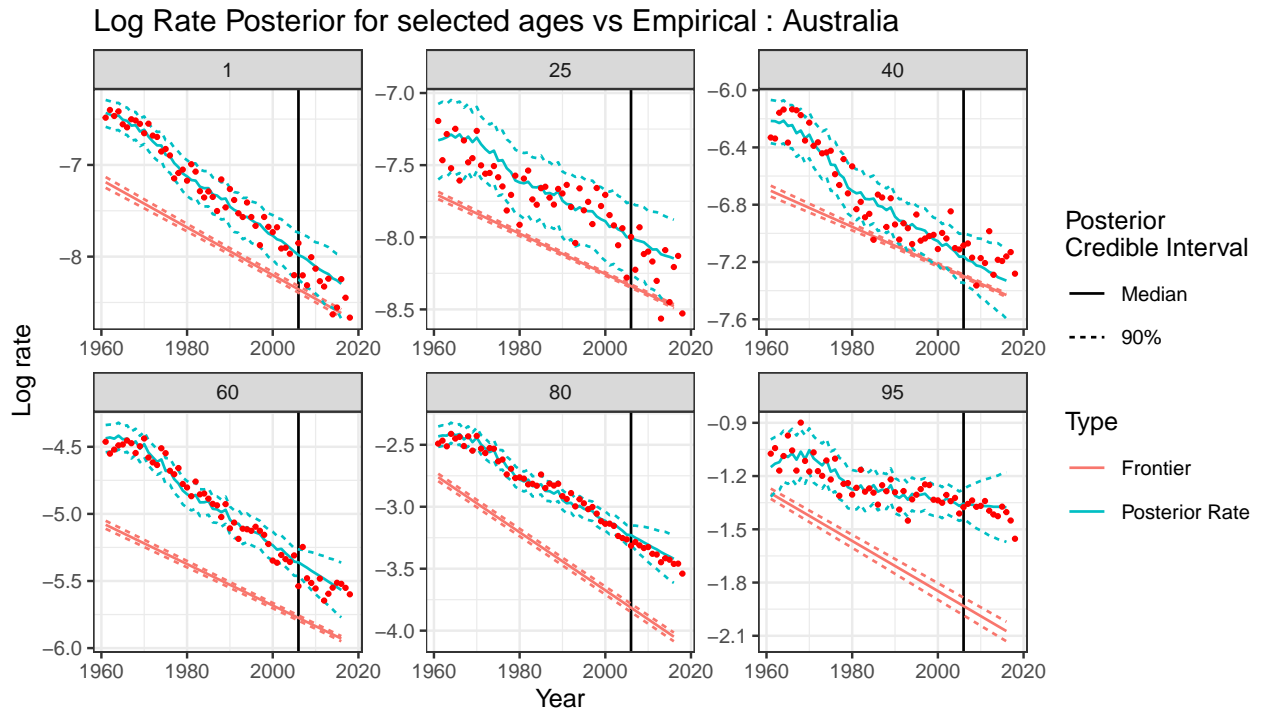
Log Rate Posterior for selected ages vs Empirical : Sweden



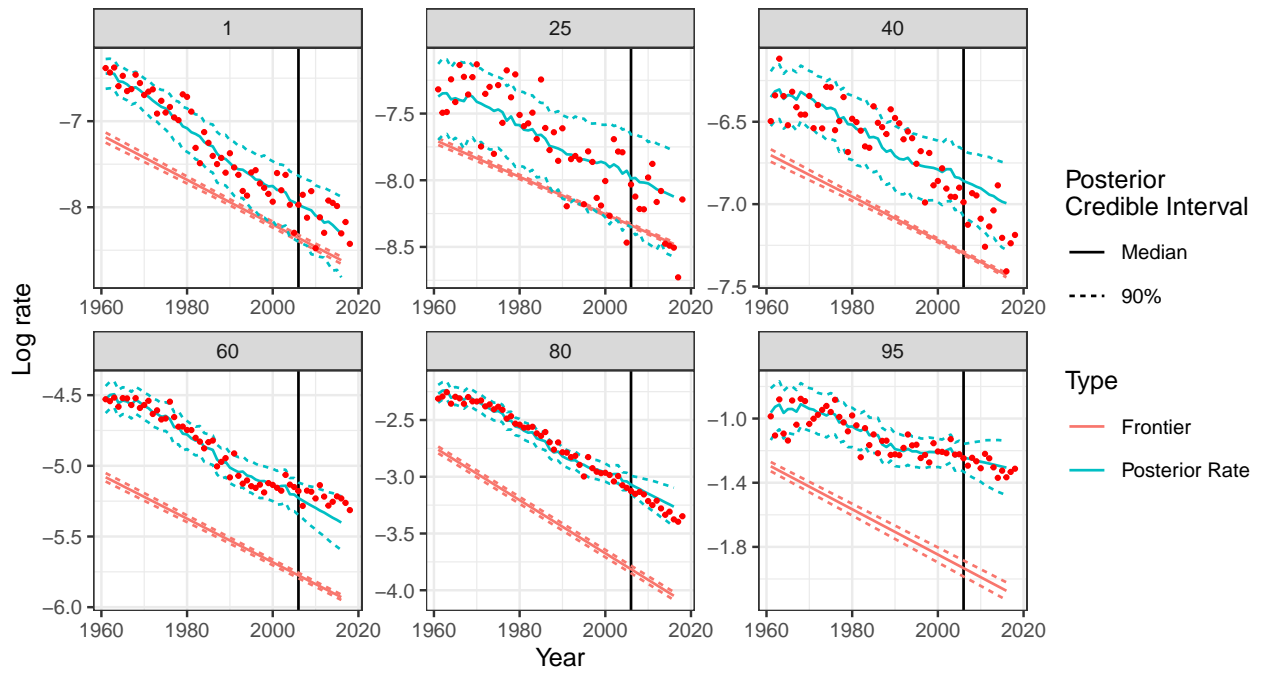
Log Rate Posterior for selected ages vs Empirical : USA



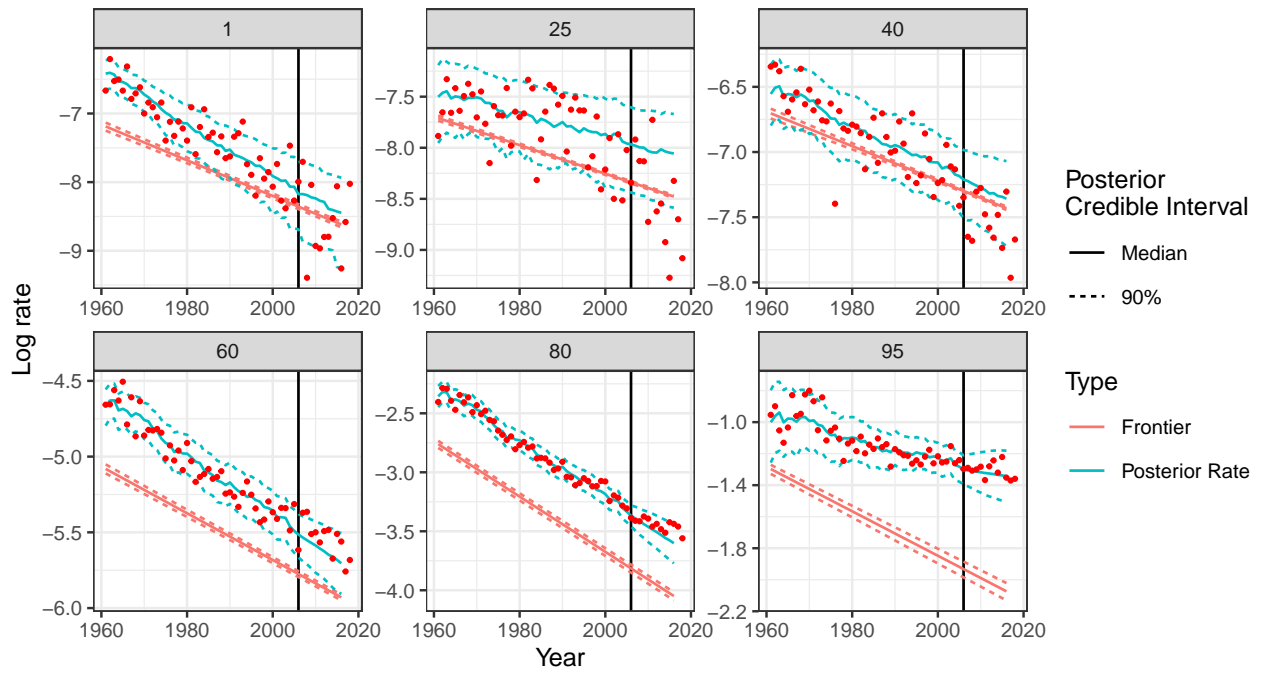
2 Country Forecast Plots - Linear Model



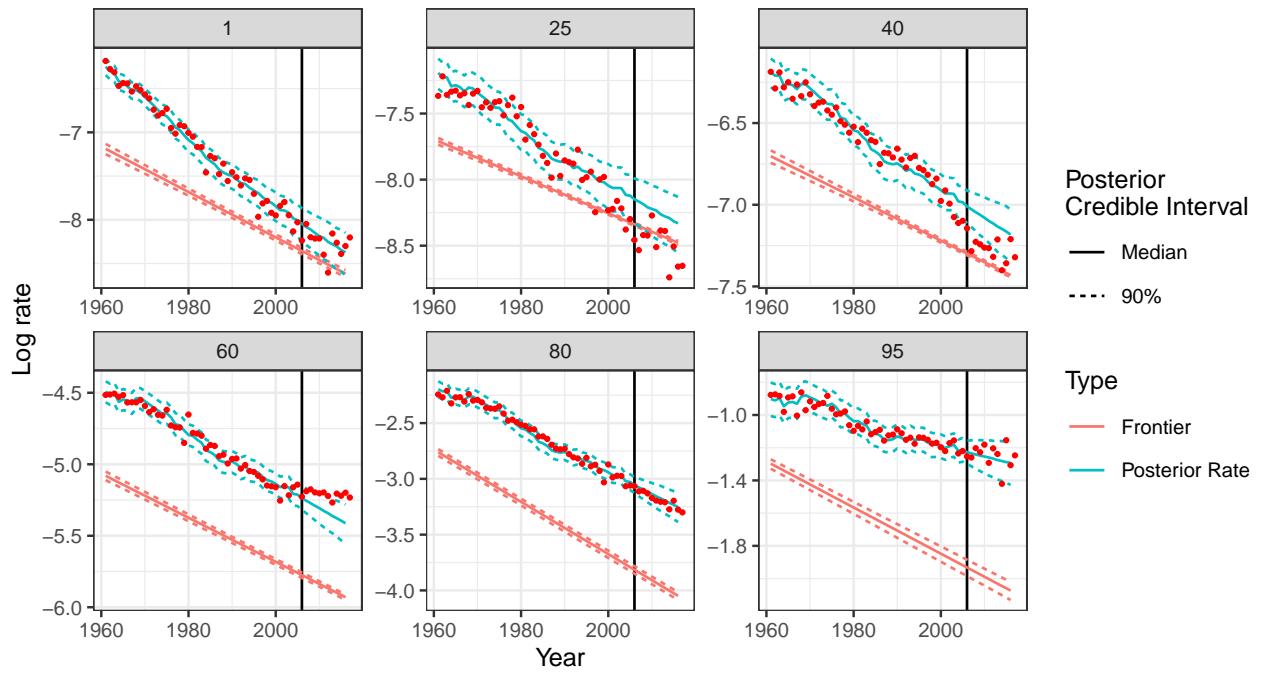
Log Rate Posterior for selected ages vs Empirical : Belgium



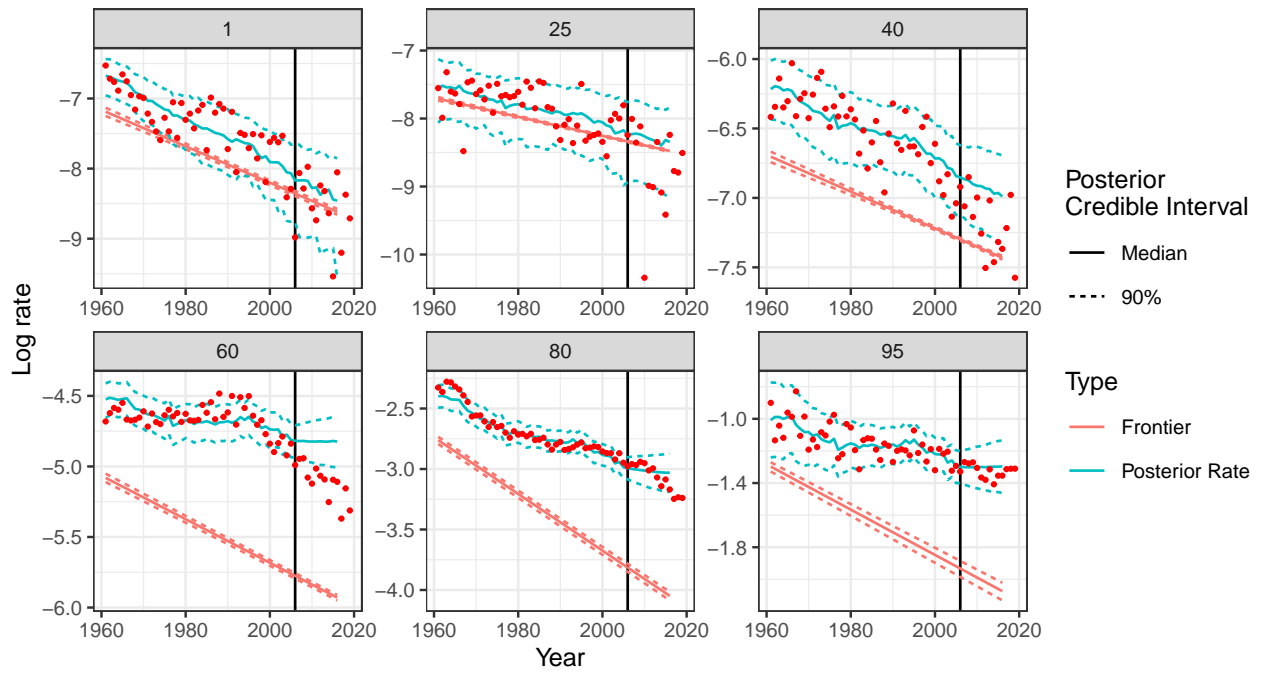
Log Rate Posterior for selected ages vs Empirical : Switzerland



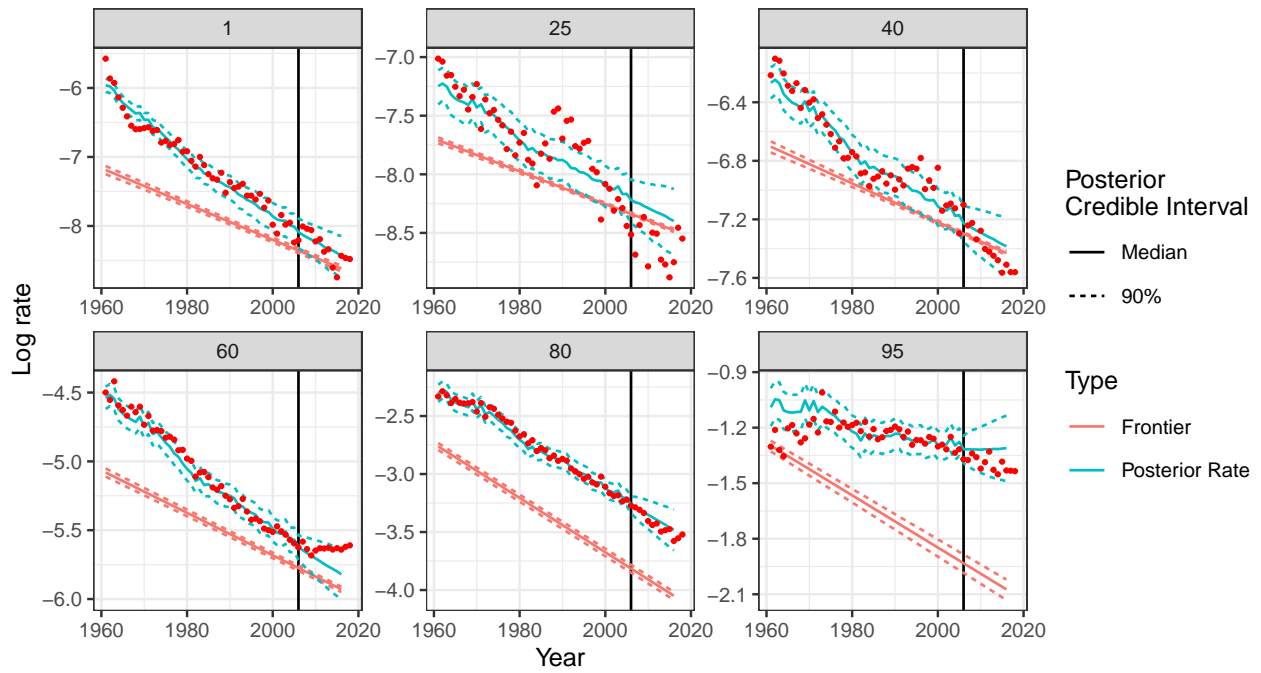
Log Rate Posterior for selected ages vs Empirical : West Germany



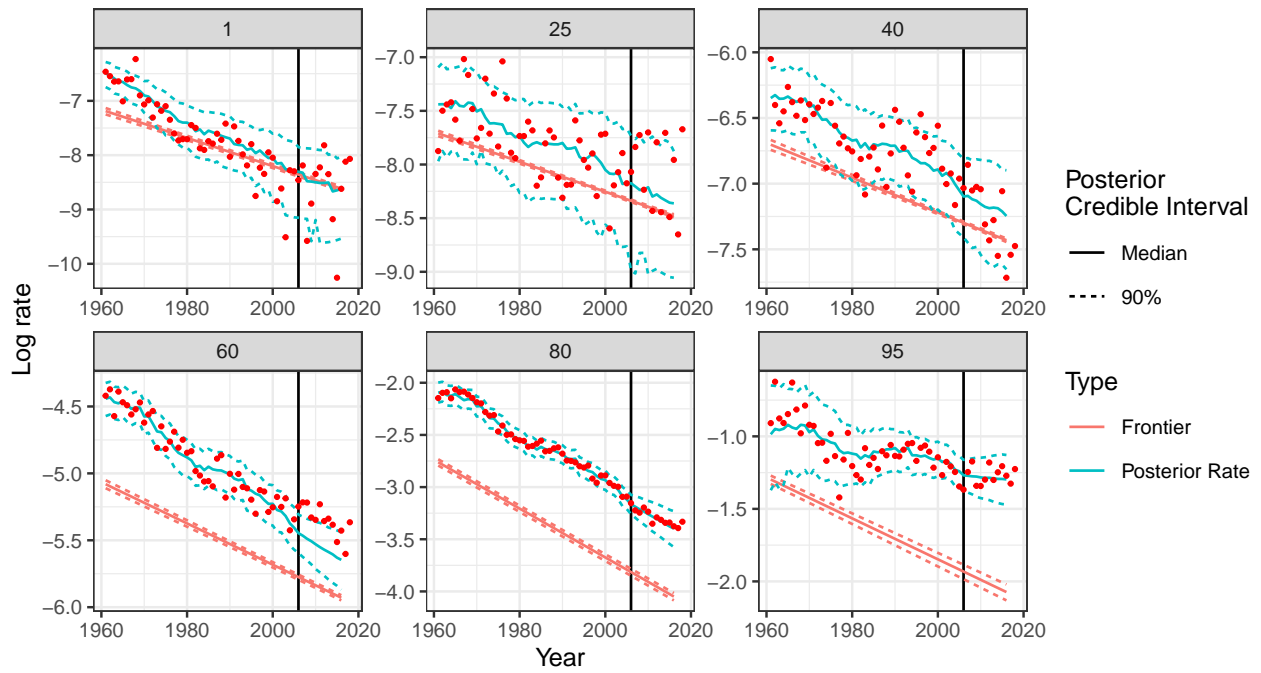
Log Rate Posterior for selected ages vs Empirical : Denmark



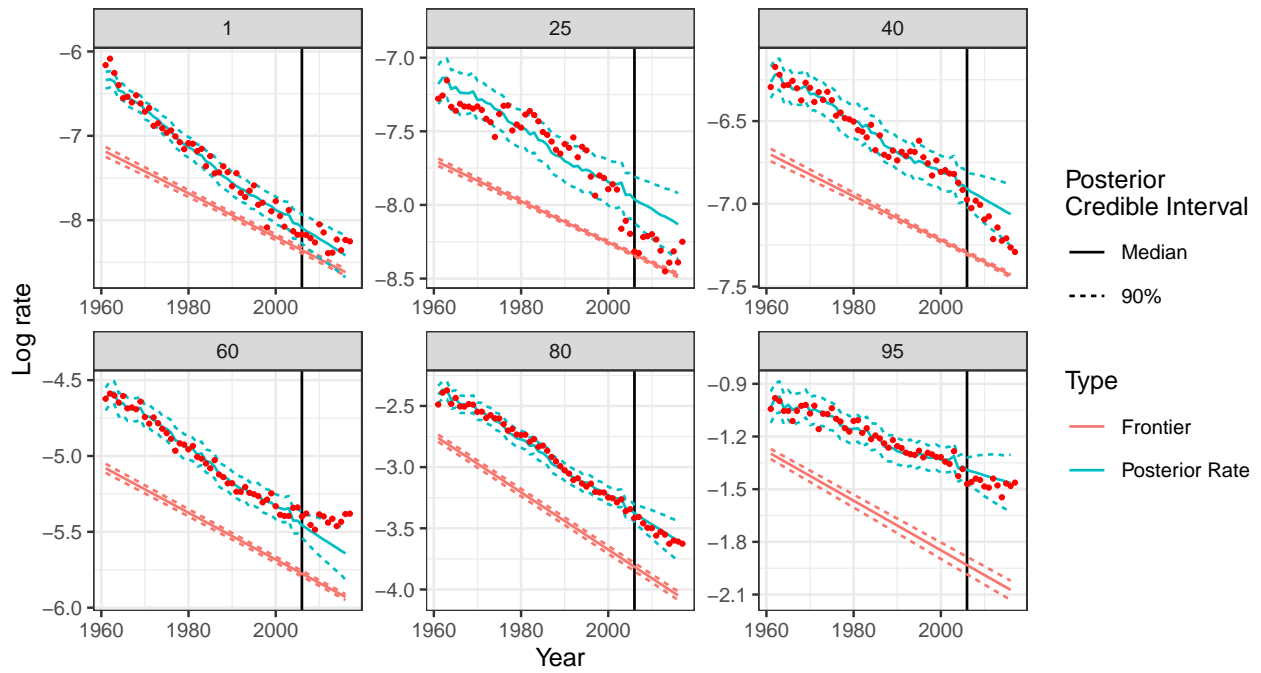
Log Rate Posterior for selected ages vs Empirical : Spain



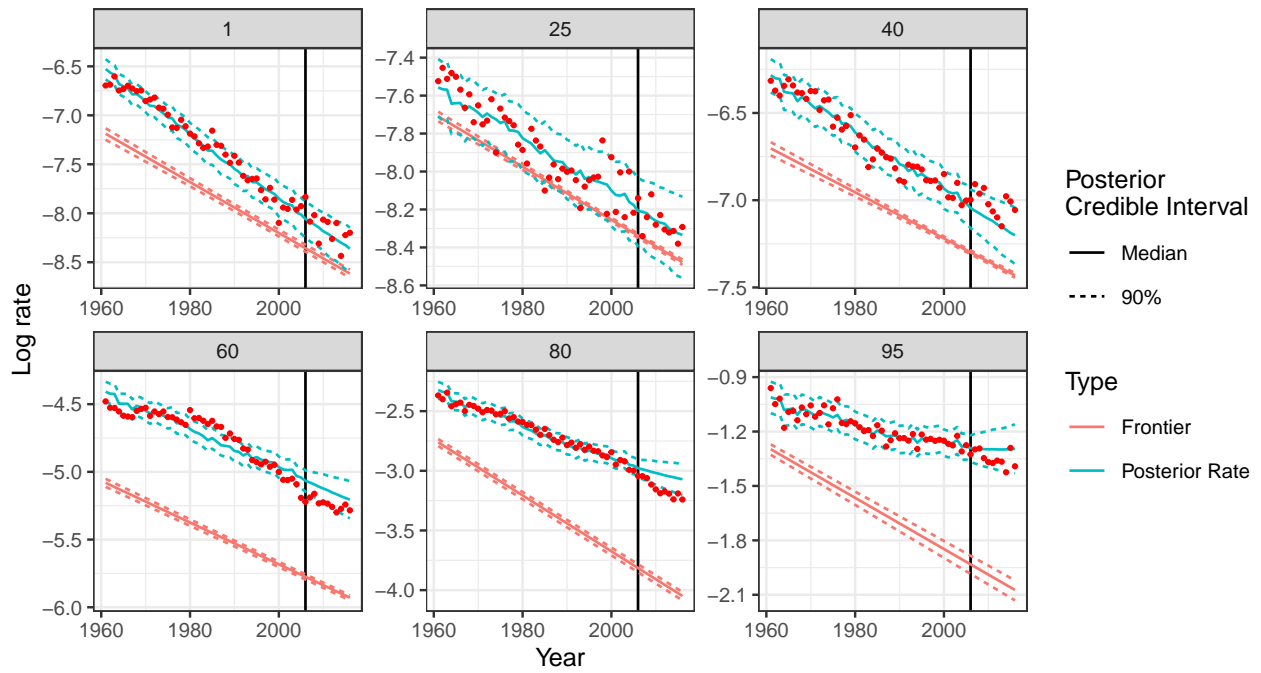
Log Rate Posterior for selected ages vs Empirical : Finland



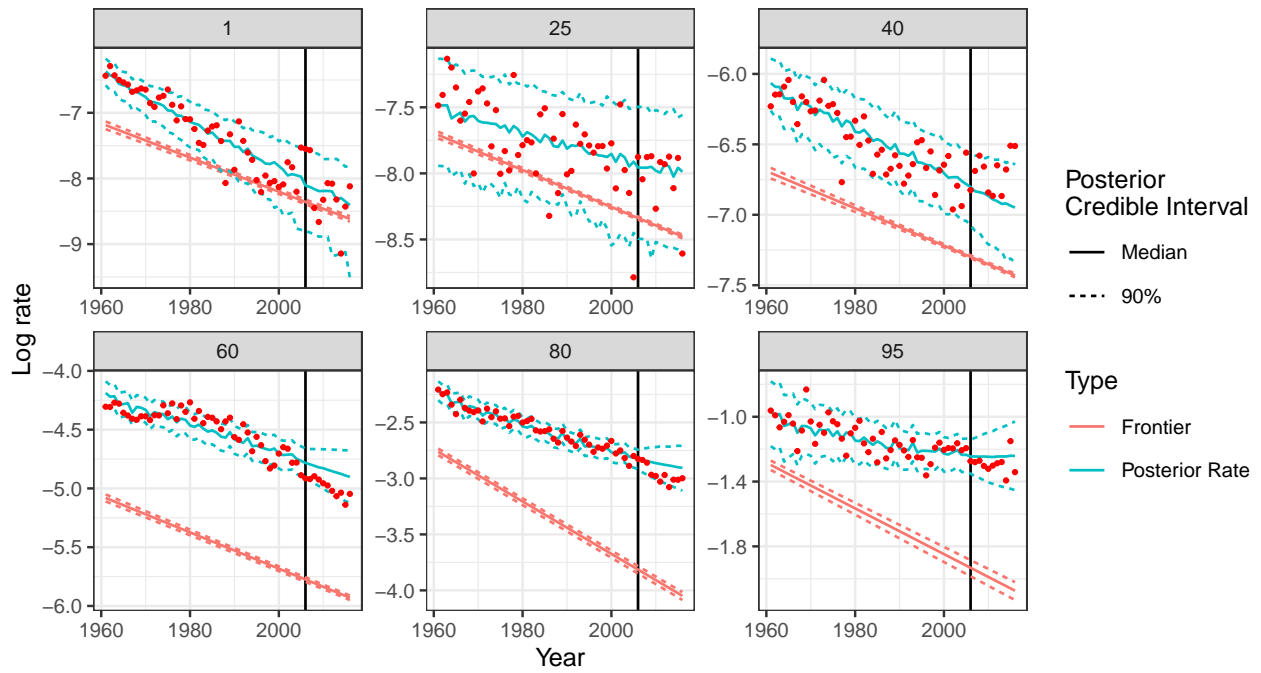
Log Rate Posterior for selected ages vs Empirical : France



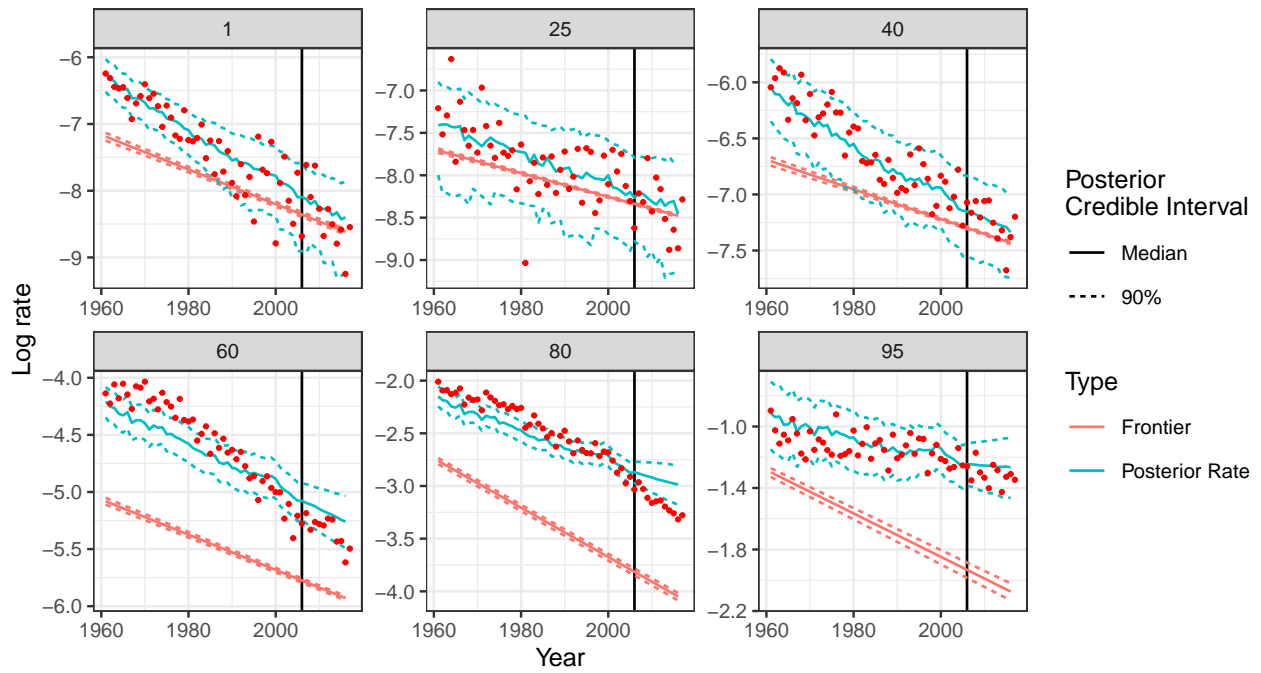
Log Rate Posterior for selected ages vs Empirical : England and Wales



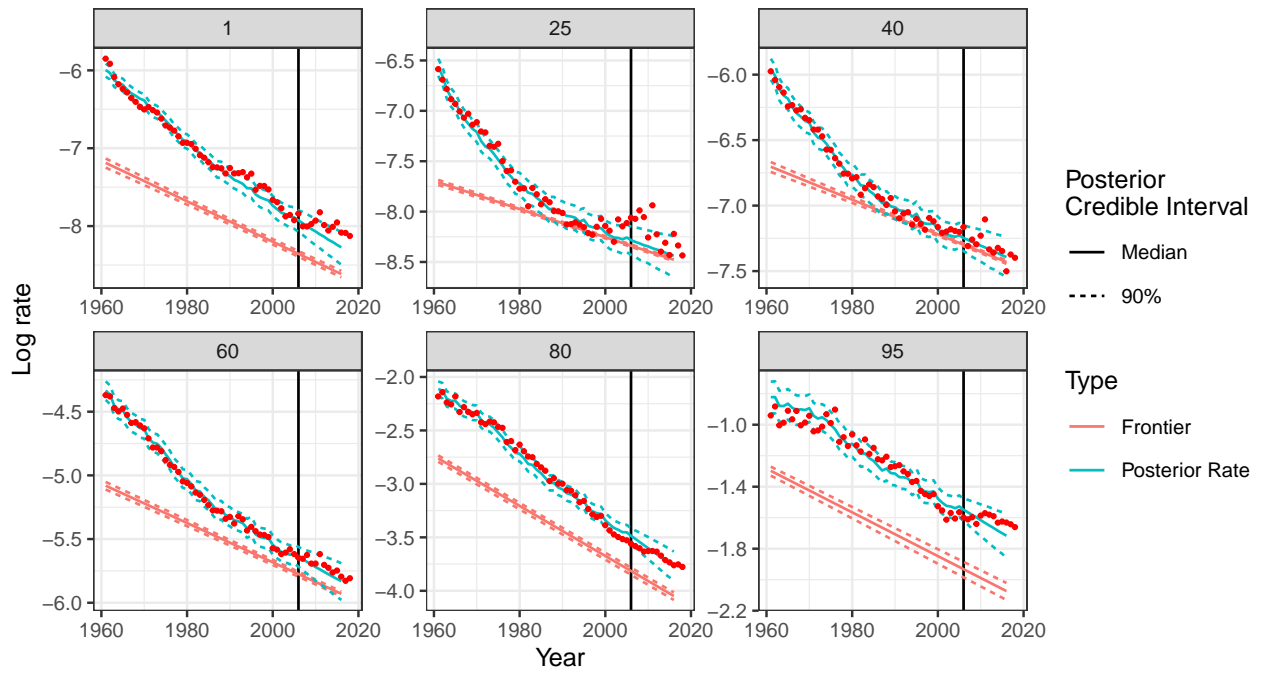
Log Rate Posterior for selected ages vs Empirical : Scotland



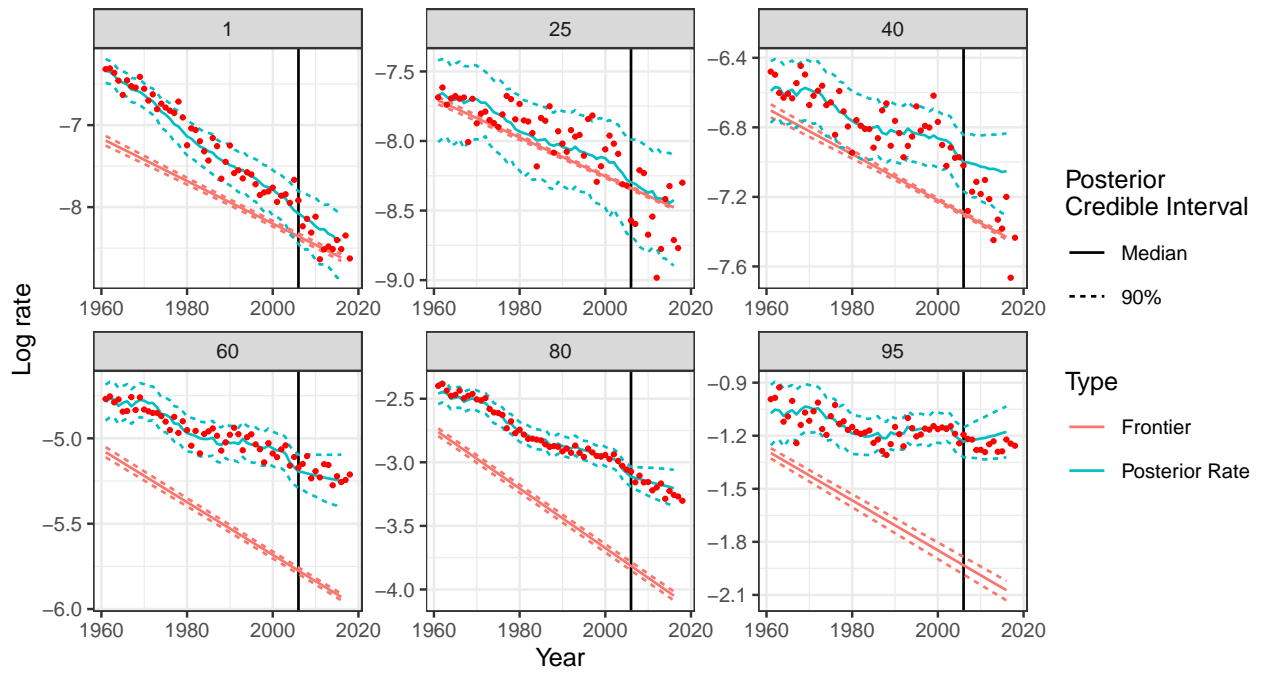
Log Rate Posterior for selected ages vs Empirical : Ireland



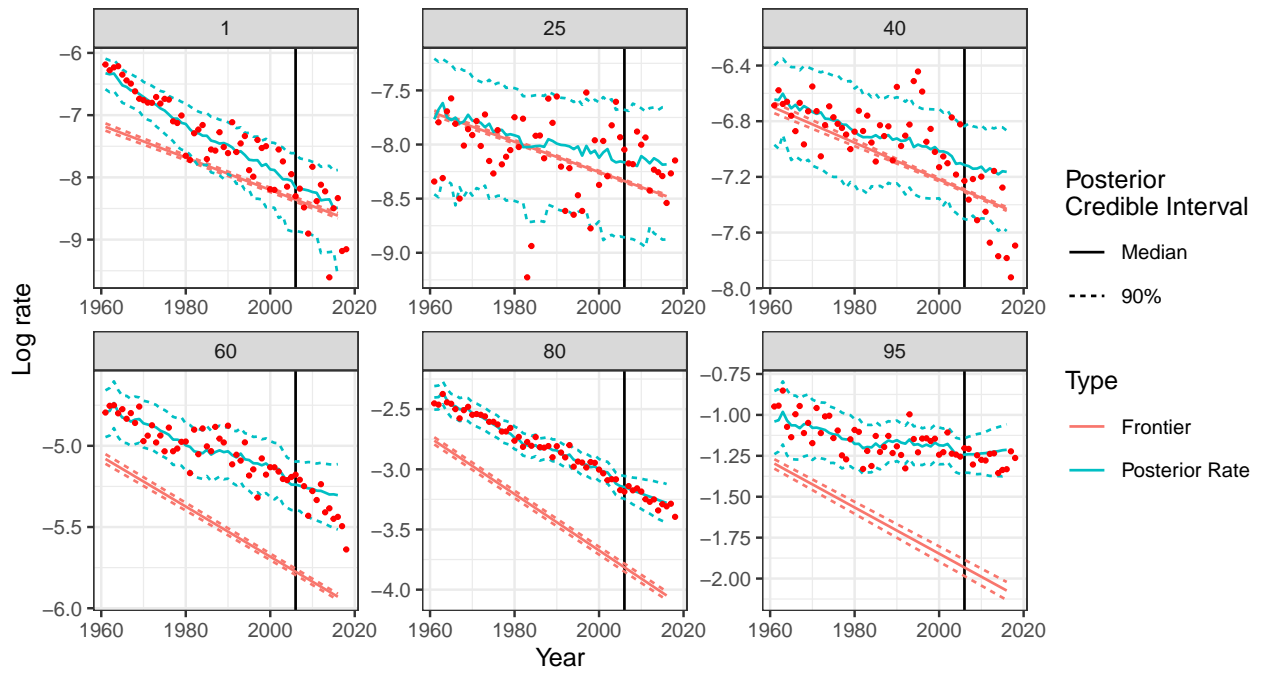
Log Rate Posterior for selected ages vs Empirical : Japan



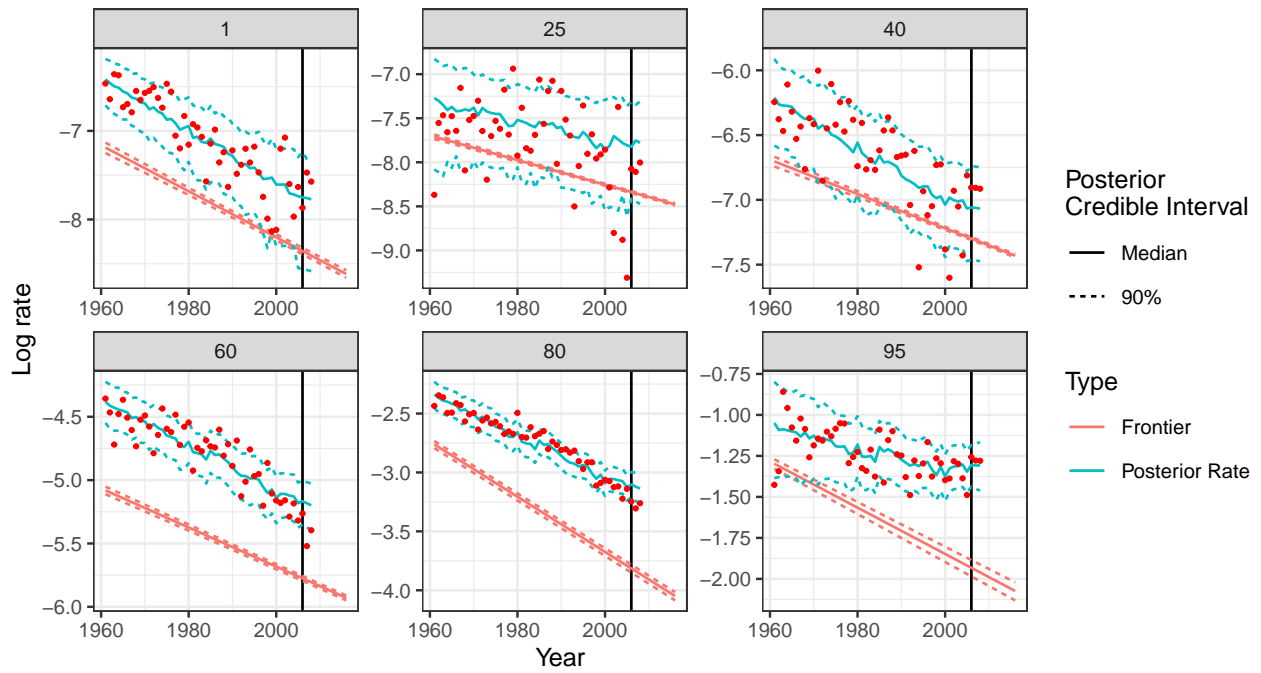
Log Rate Posterior for selected ages vs Empirical : Netherlands



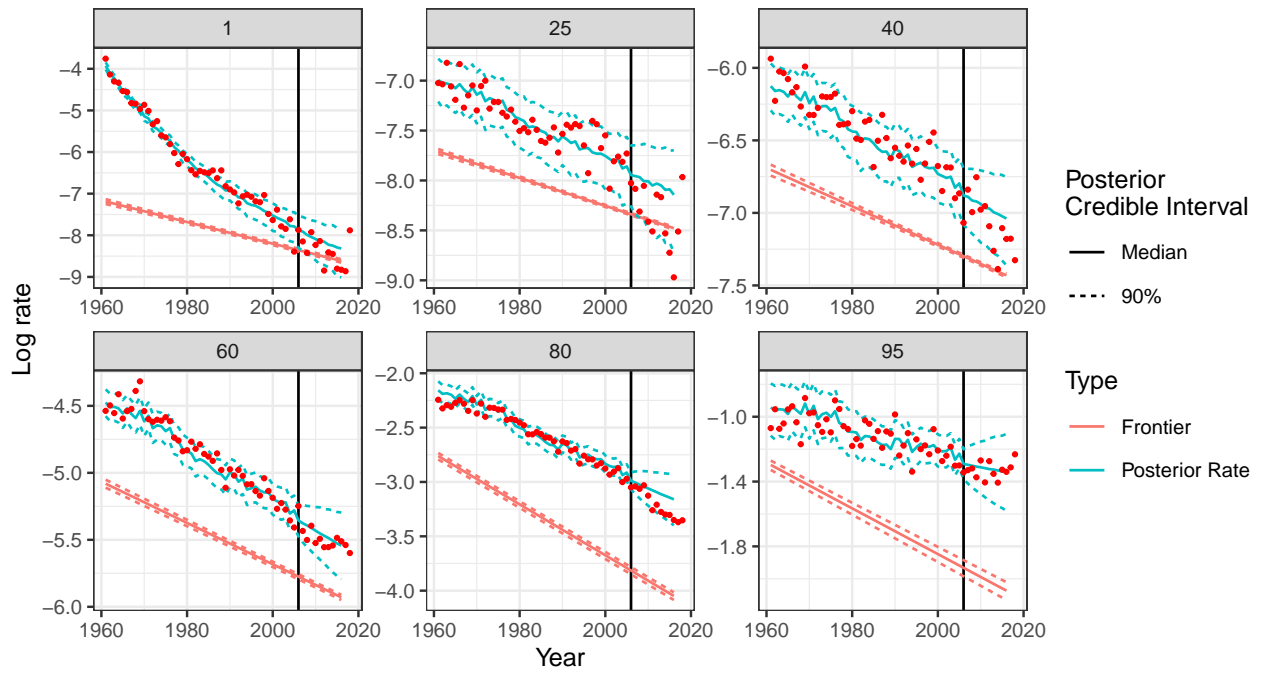
Log Rate Posterior for selected ages vs Empirical : Norway



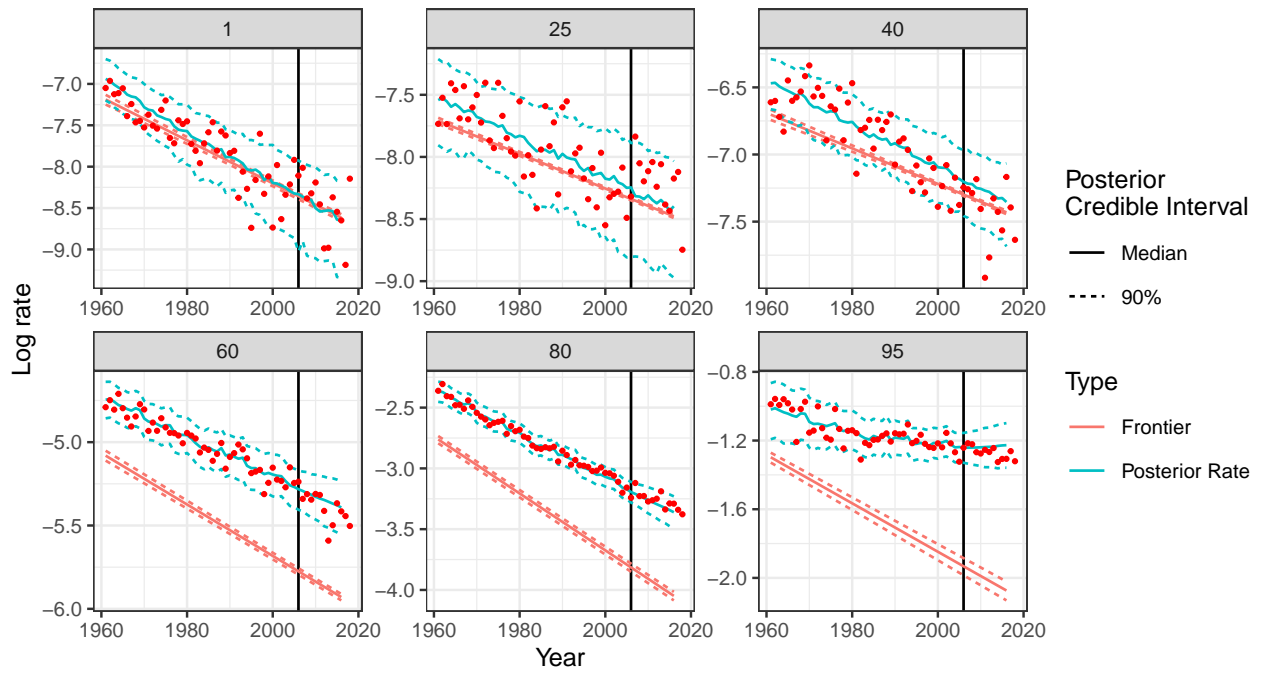
Log Rate Posterior for selected ages vs Empirical : New Zealand (non-Maori)



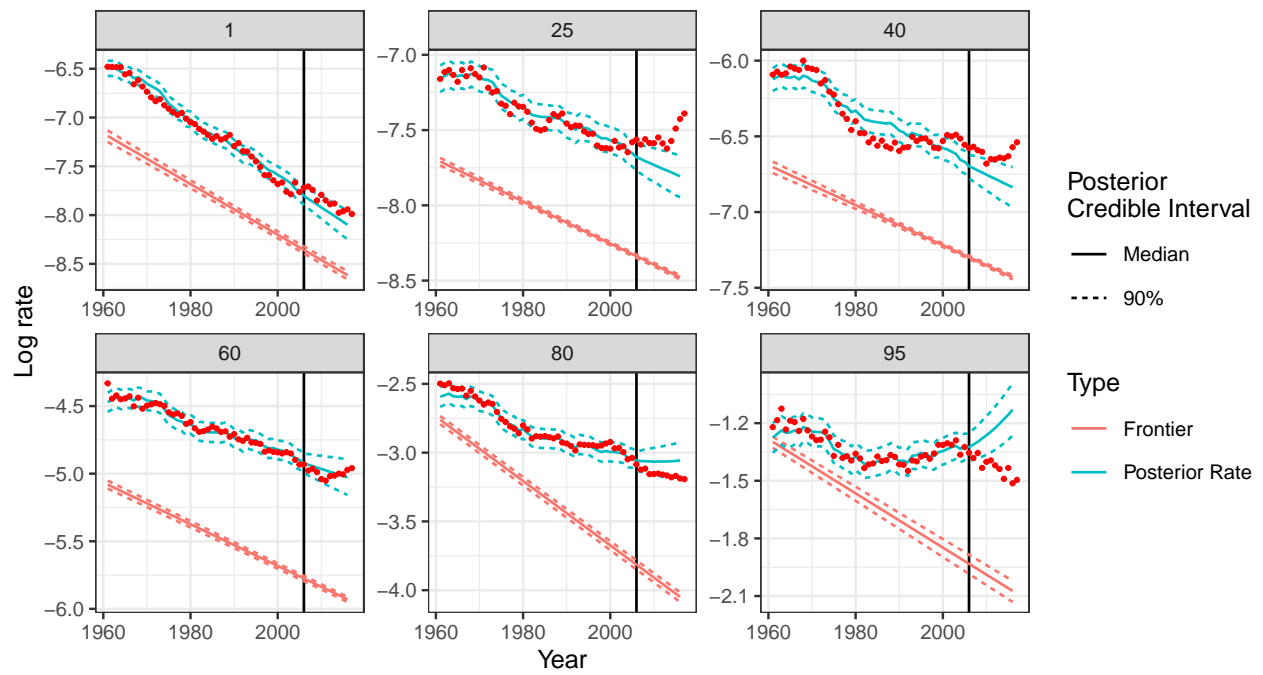
Log Rate Posterior for selected ages vs Empirical : Portugal



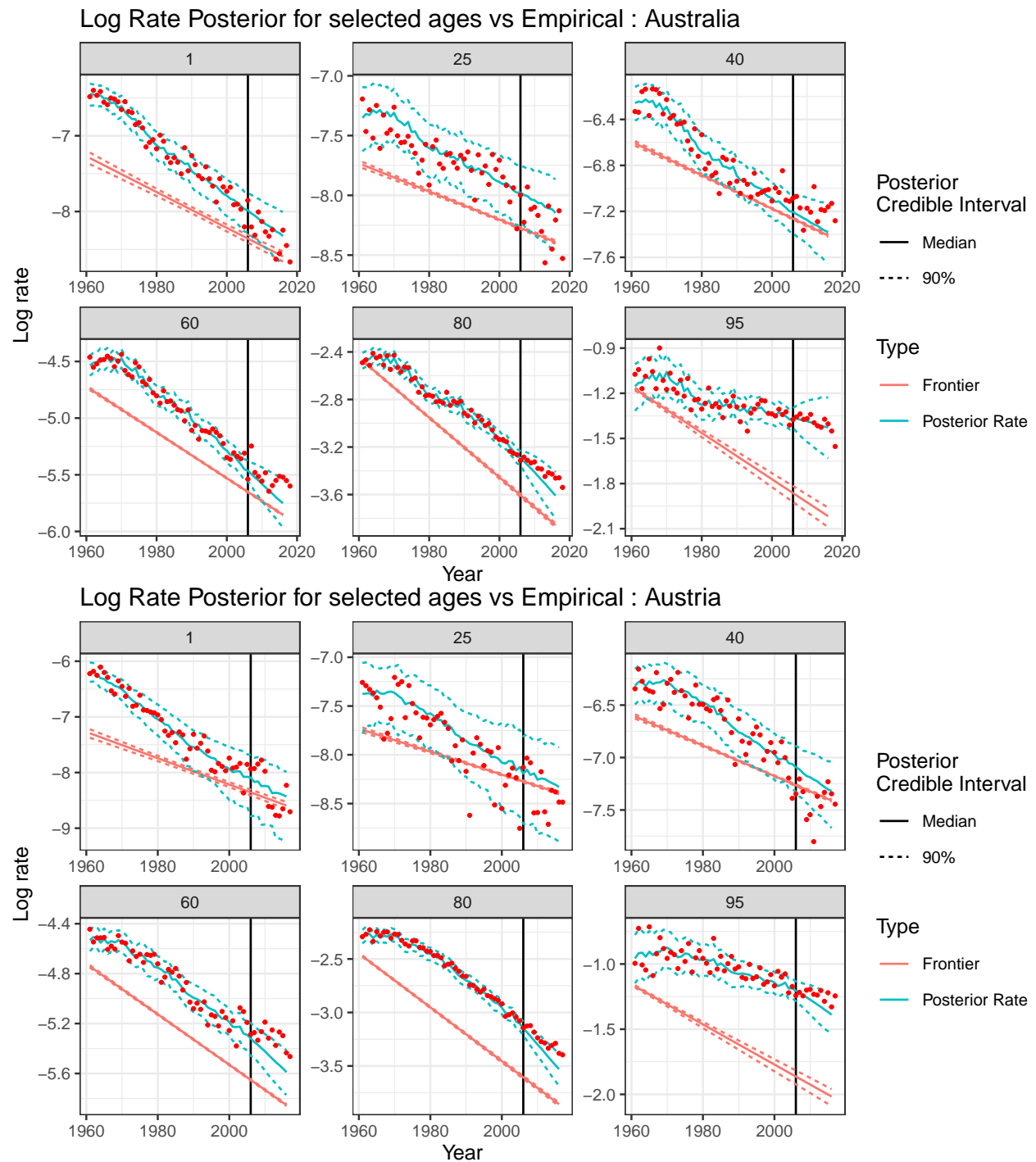
Log Rate Posterior for selected ages vs Empirical : Sweden



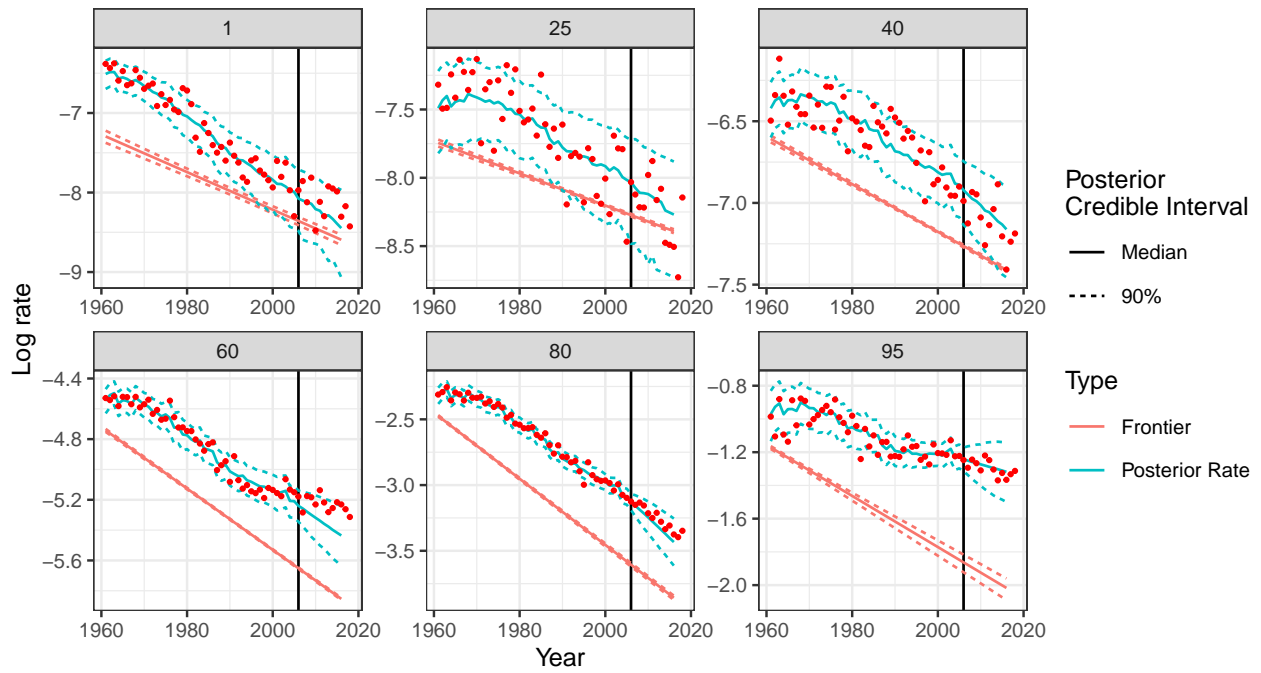
Log Rate Posterior for selected ages vs Empirical : USA



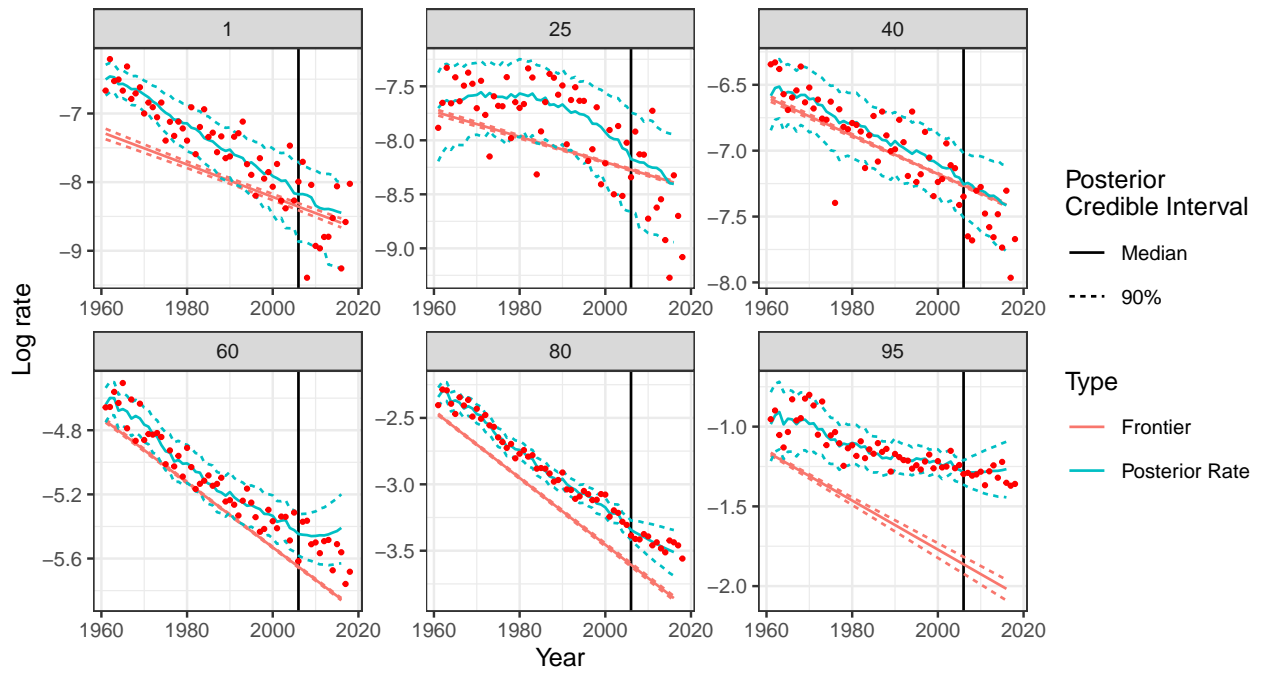
3 Country Forecast Plots - Quadratic Model



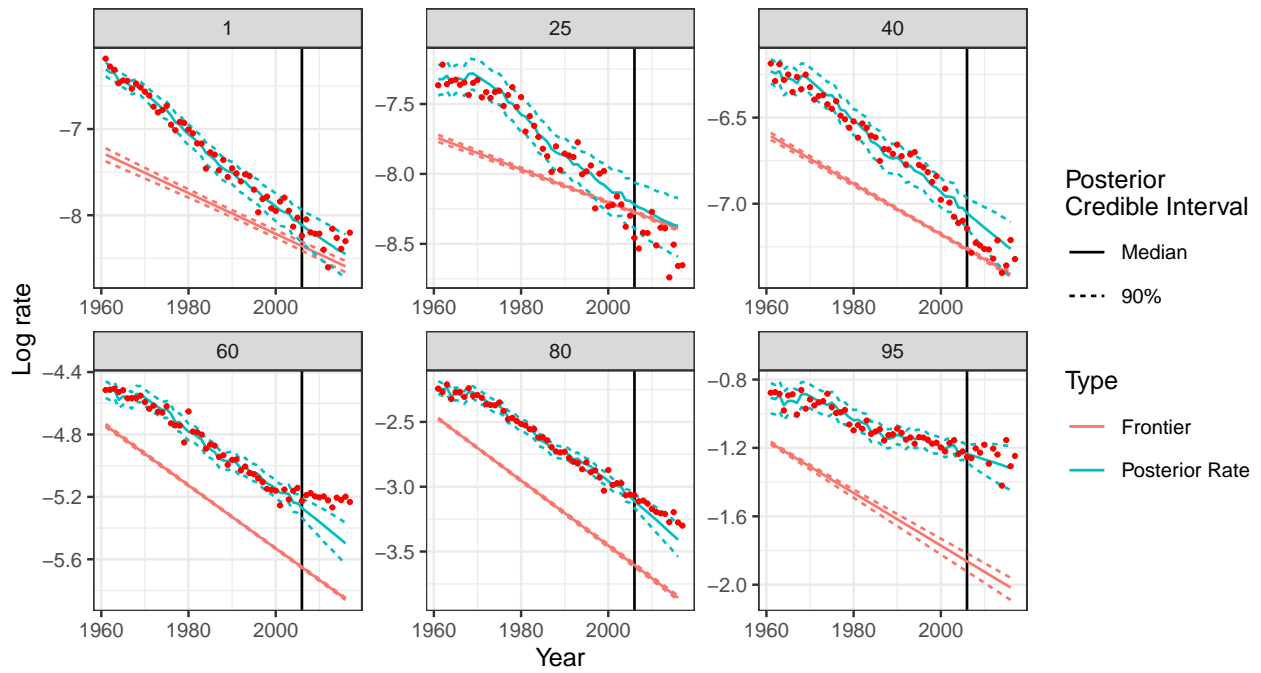
Log Rate Posterior for selected ages vs Empirical : Belgium



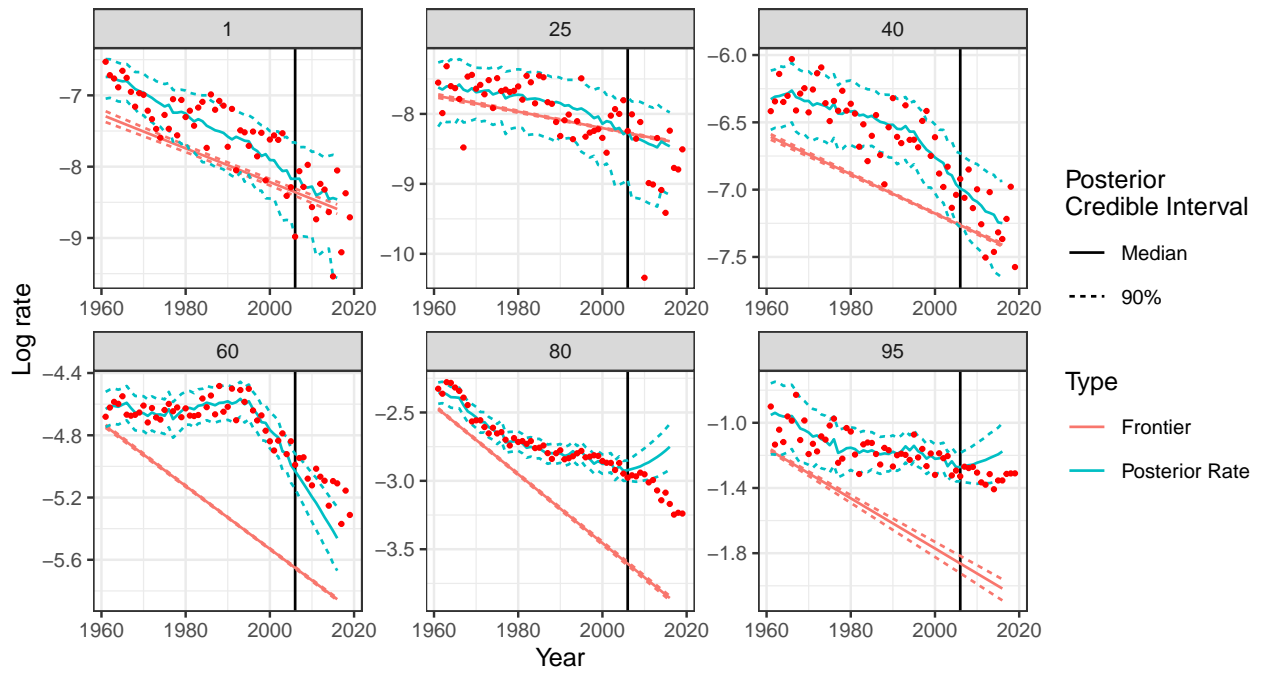
Log Rate Posterior for selected ages vs Empirical : Switzerland



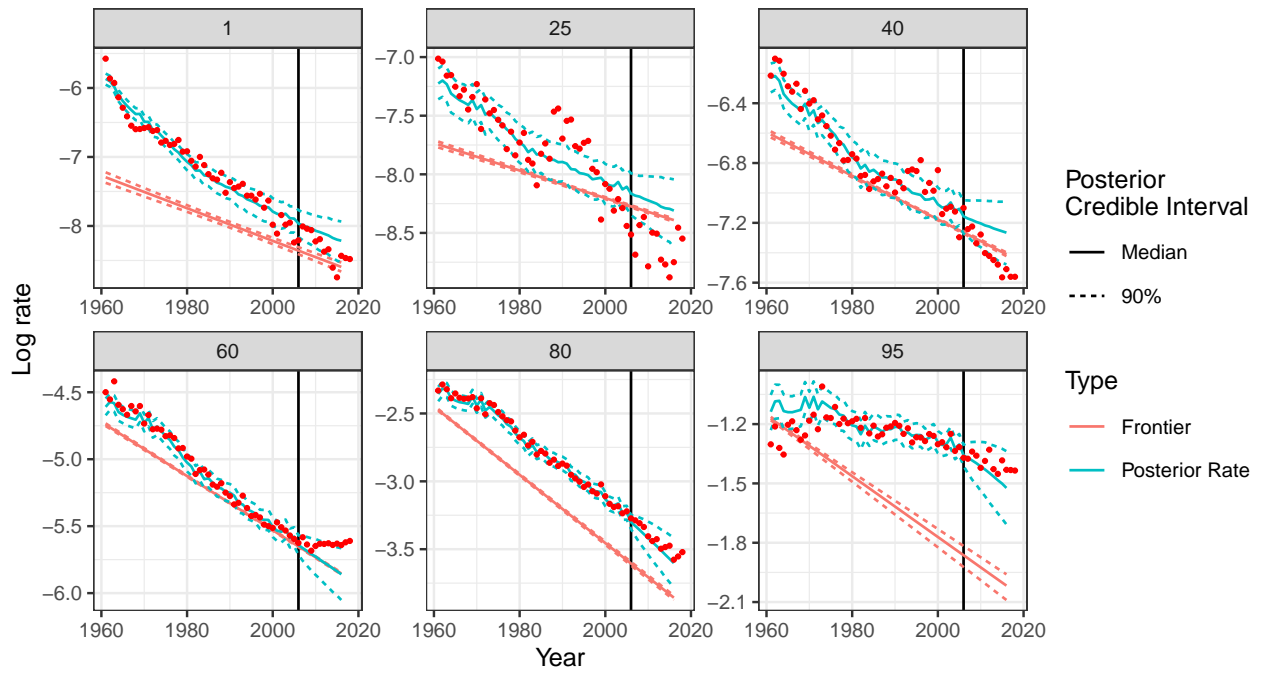
Log Rate Posterior for selected ages vs Empirical : West Germany



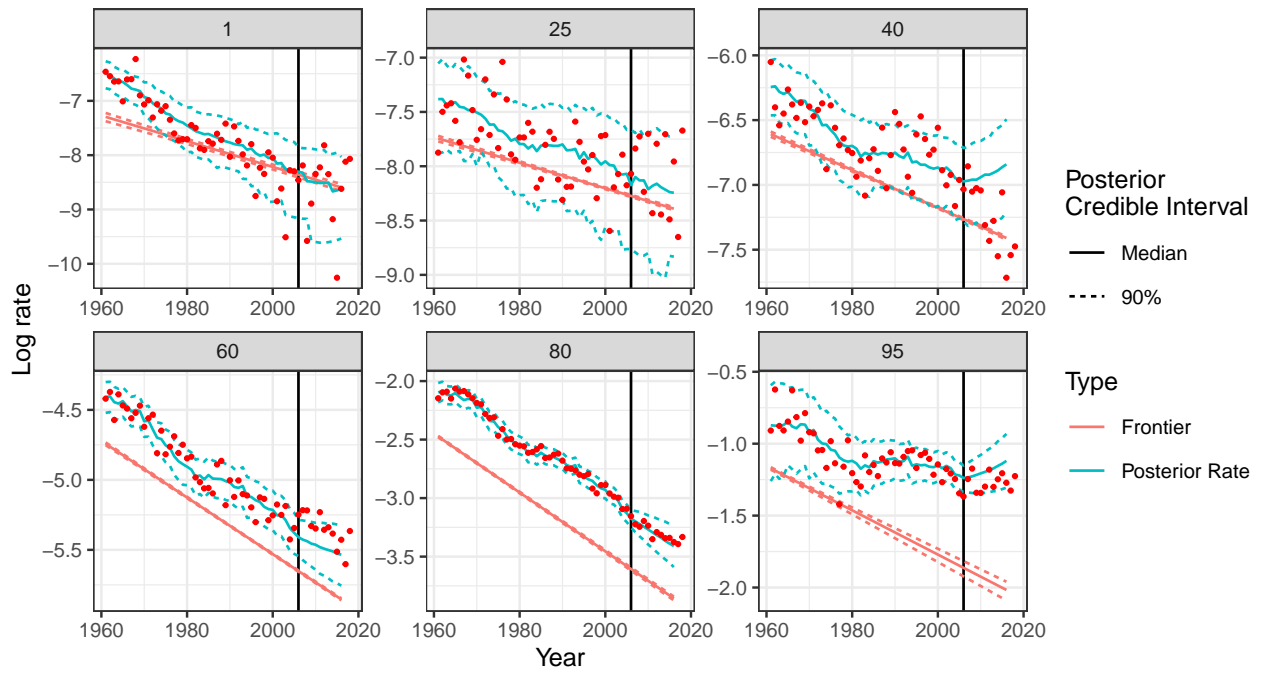
Log Rate Posterior for selected ages vs Empirical : Denmark



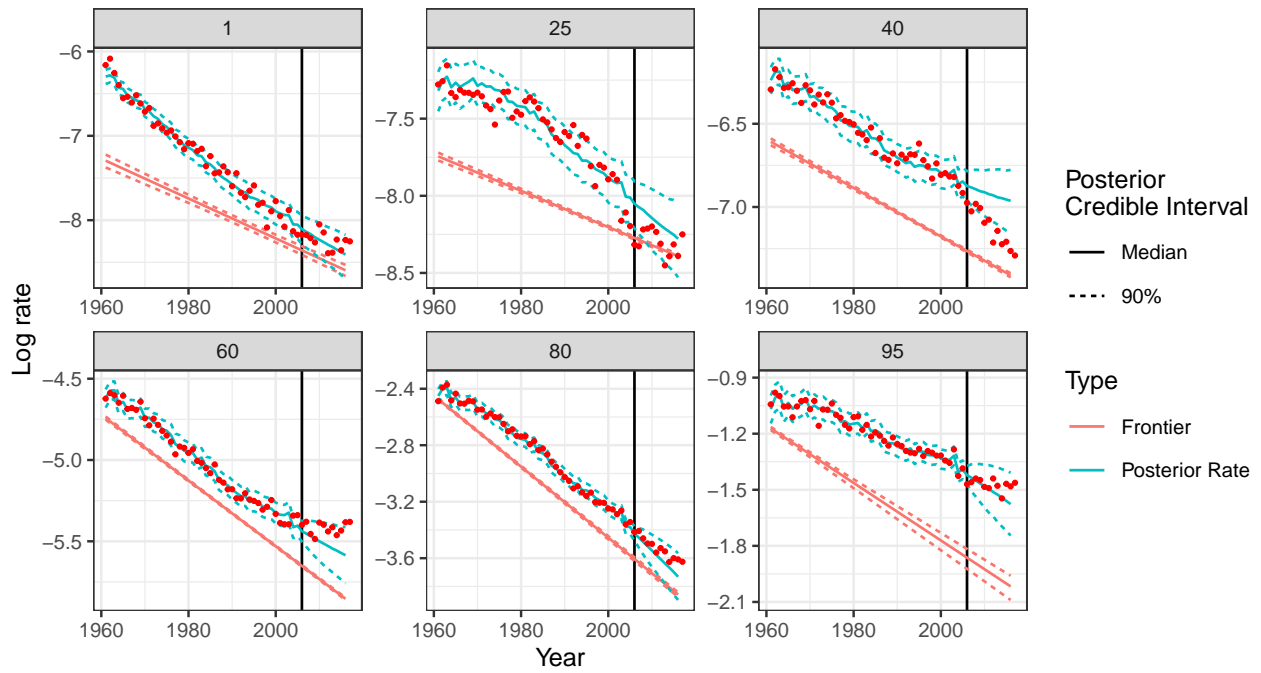
Log Rate Posterior for selected ages vs Empirical : Spain



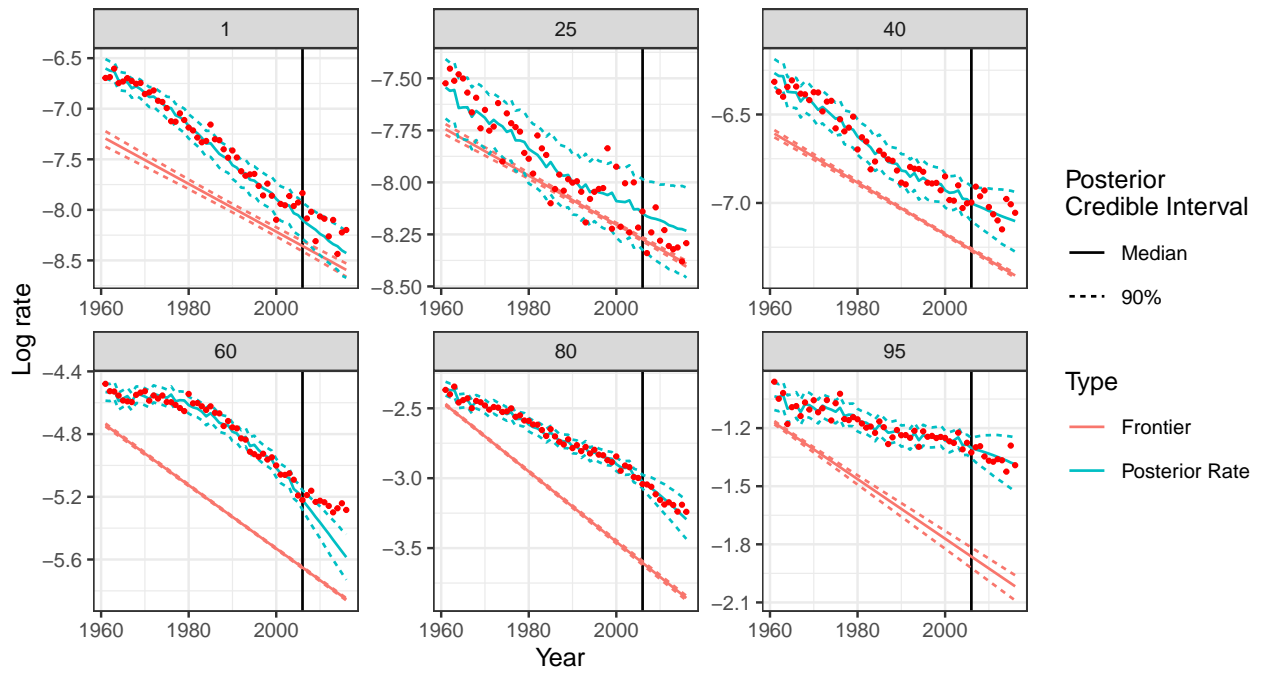
Log Rate Posterior for selected ages vs Empirical : Finland



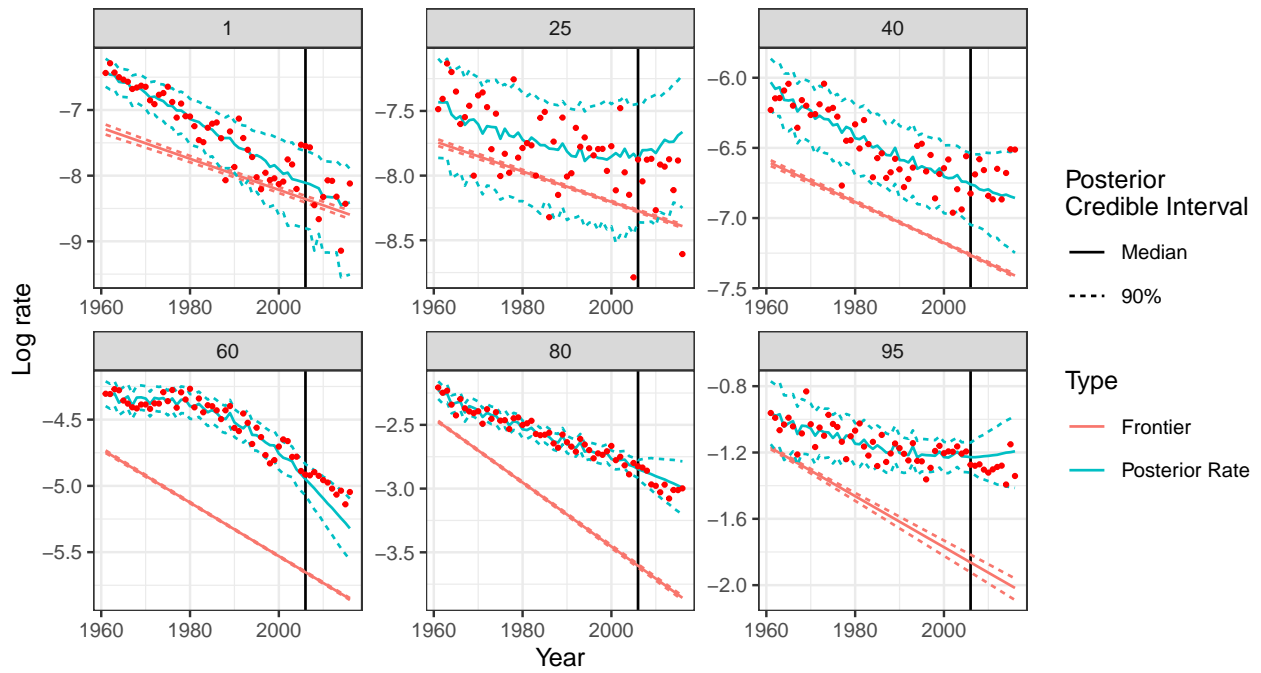
Log Rate Posterior for selected ages vs Empirical : France



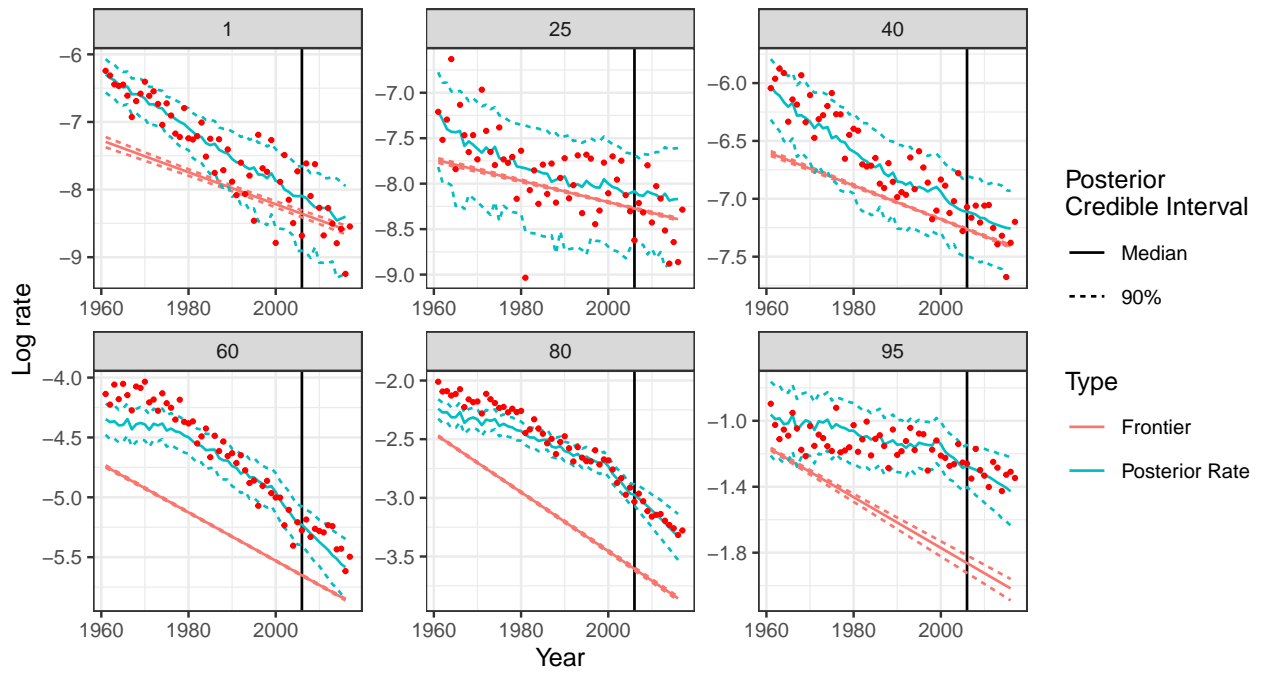
Log Rate Posterior for selected ages vs Empirical : England and Wales



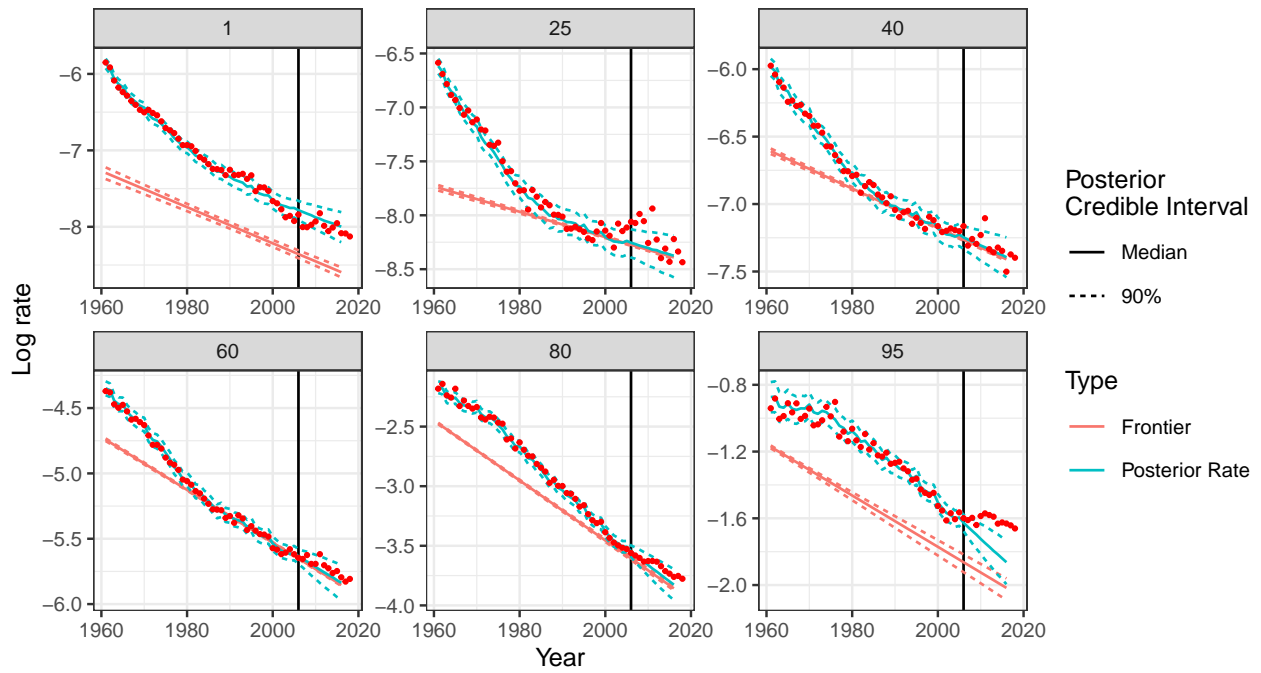
Log Rate Posterior for selected ages vs Empirical : Scotland



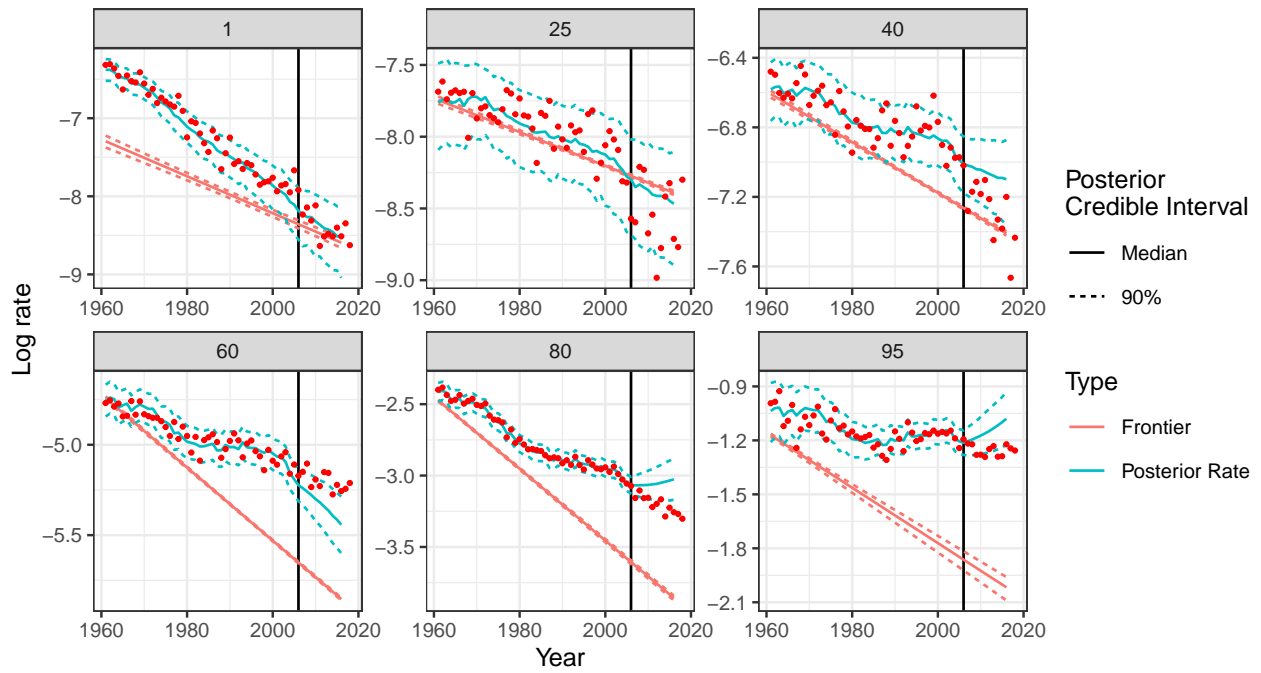
Log Rate Posterior for selected ages vs Empirical : Ireland



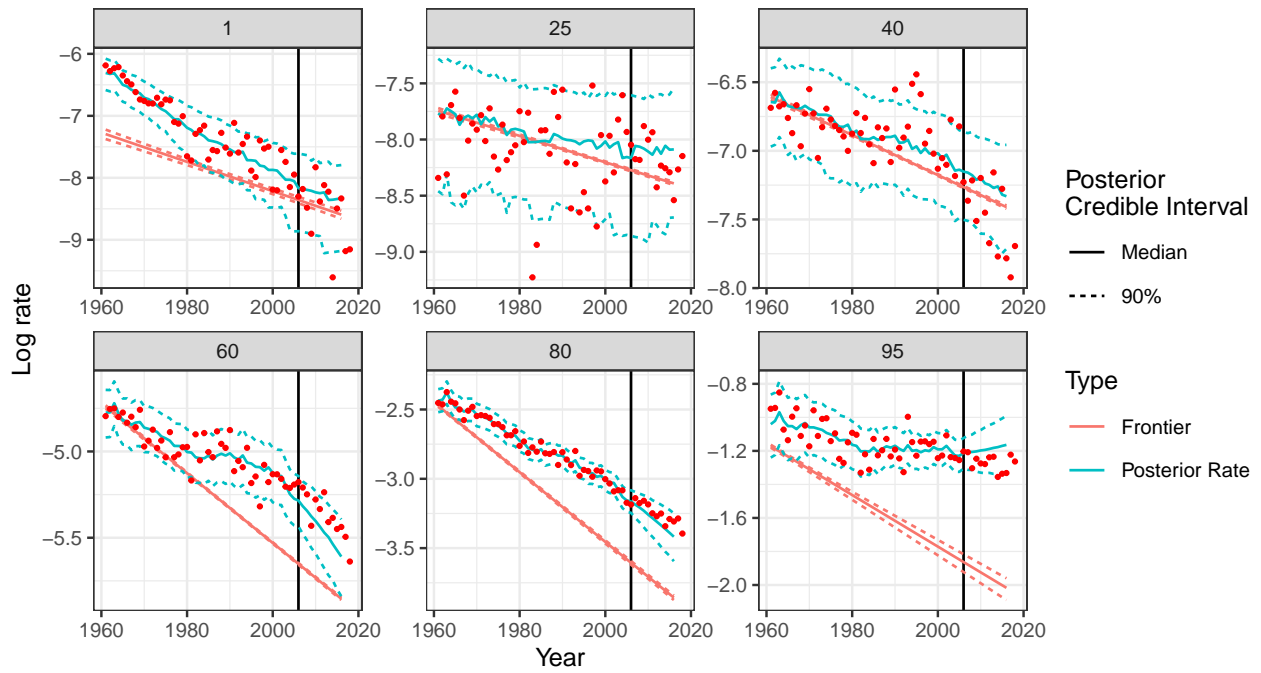
Log Rate Posterior for selected ages vs Empirical : Japan



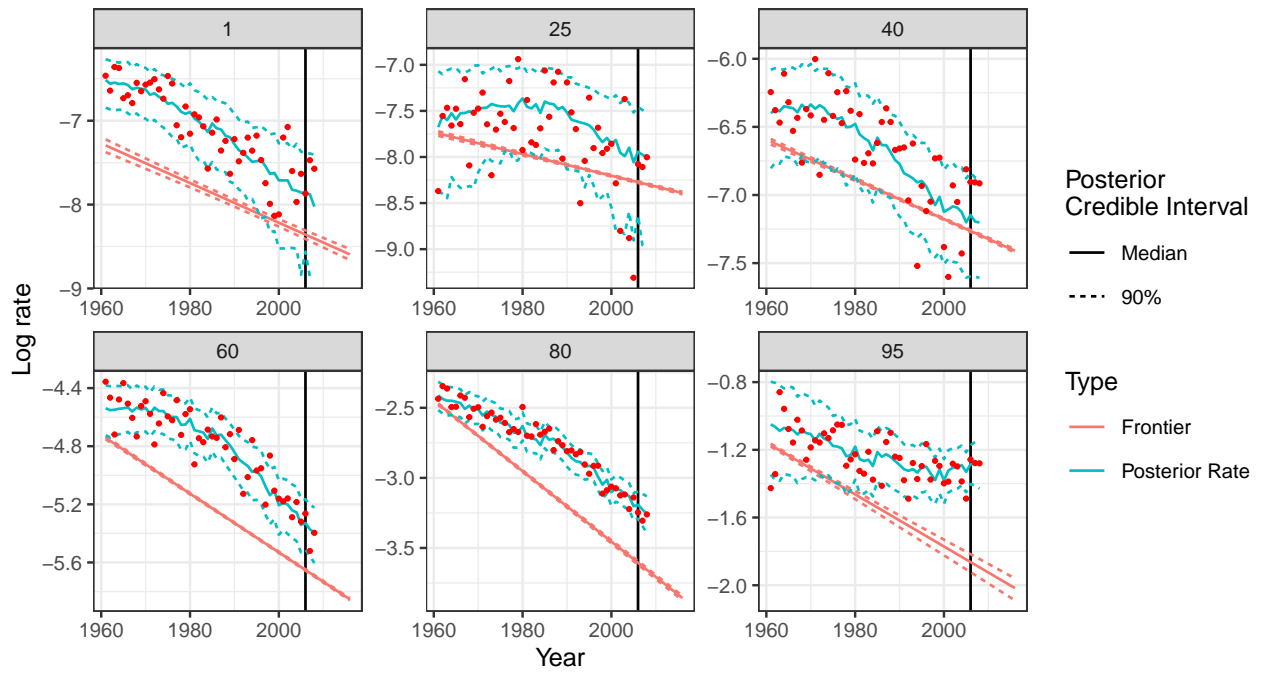
Log Rate Posterior for selected ages vs Empirical : Netherlands



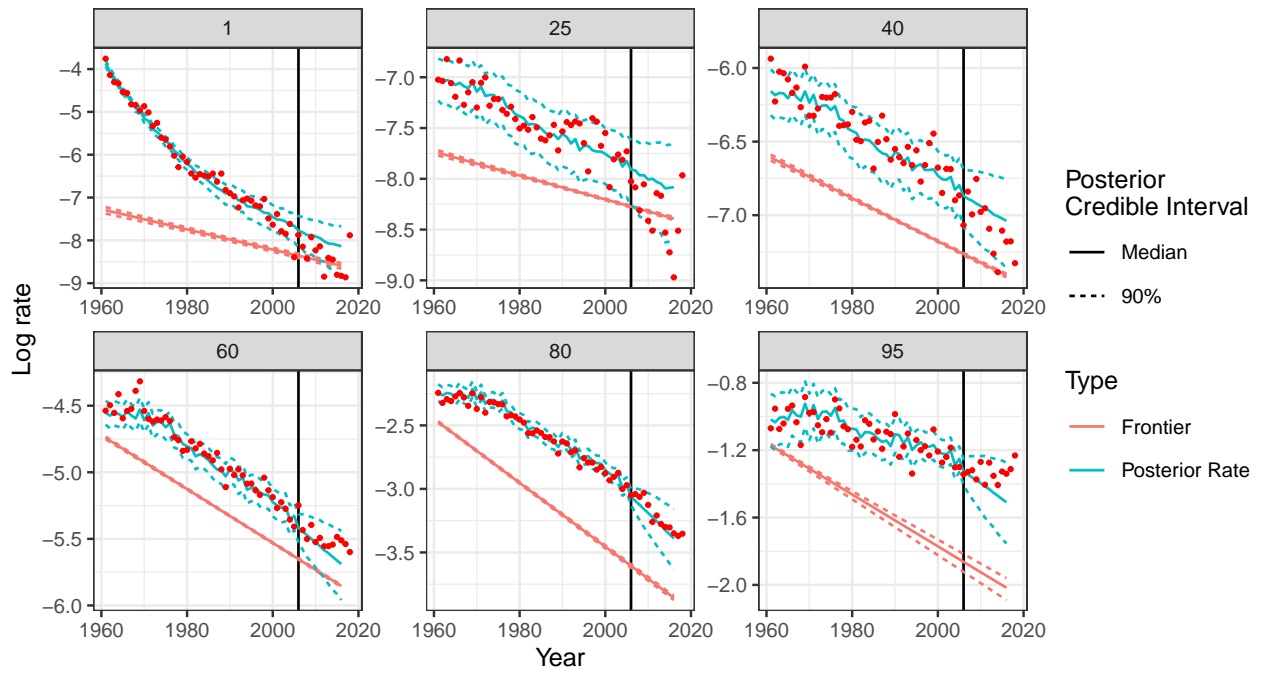
Log Rate Posterior for selected ages vs Empirical : Norway



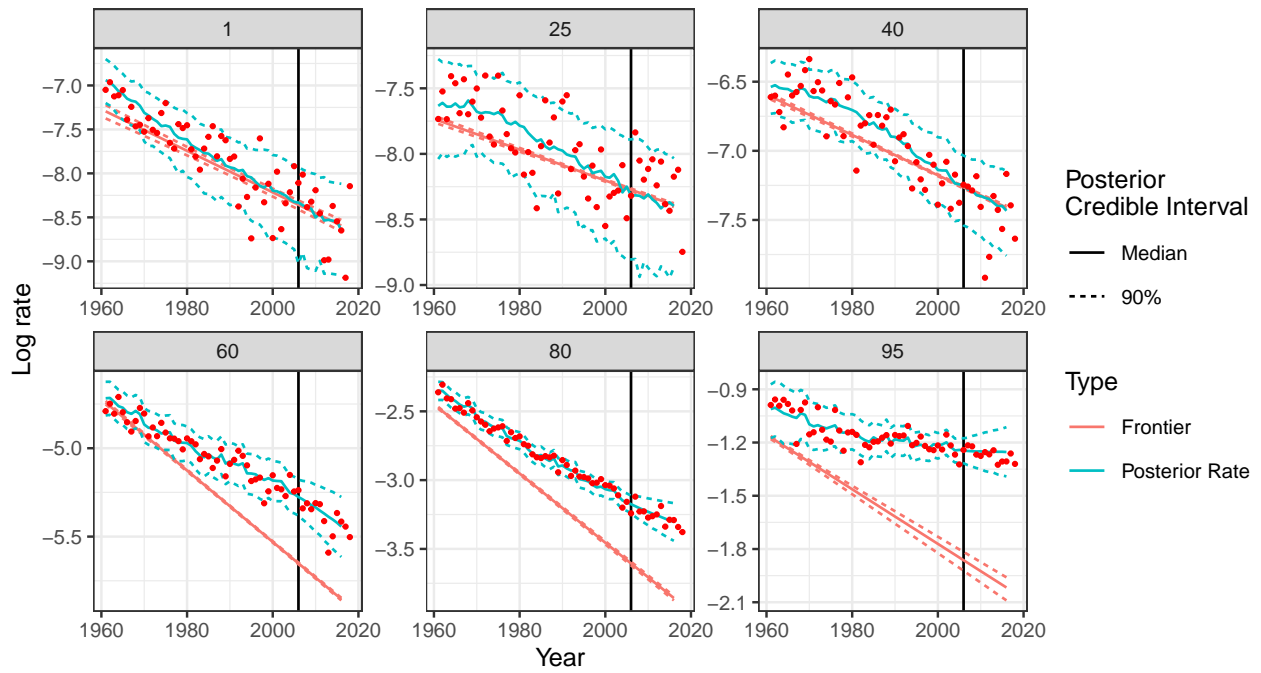
Log Rate Posterior for selected ages vs Empirical : New Zealand (non-Maori)



Log Rate Posterior for selected ages vs Empirical : Portugal



Log Rate Posterior for selected ages vs Empirical : Sweden



Log Rate Posterior for selected ages vs Empirical : USA

