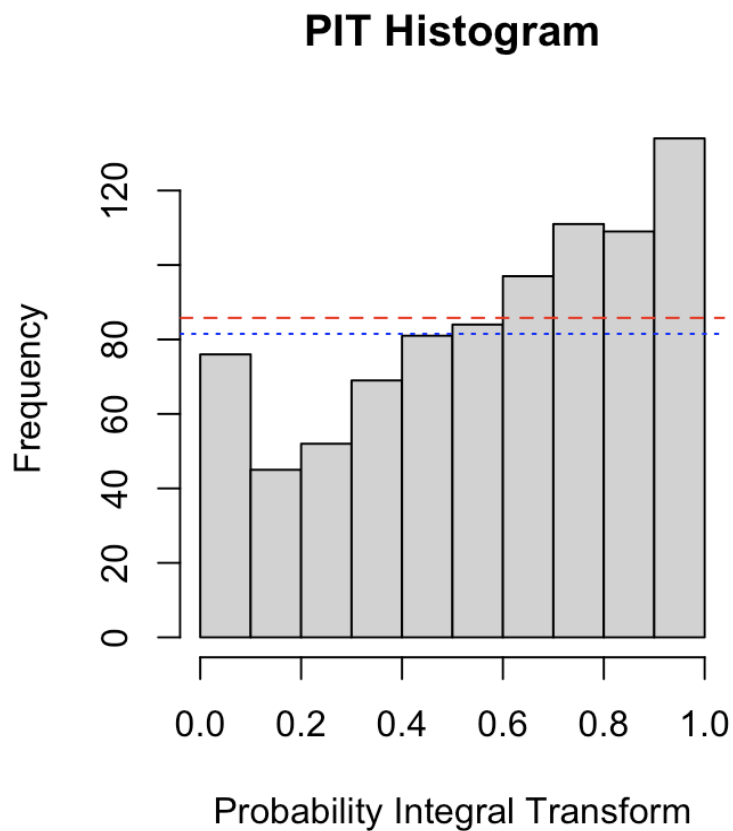


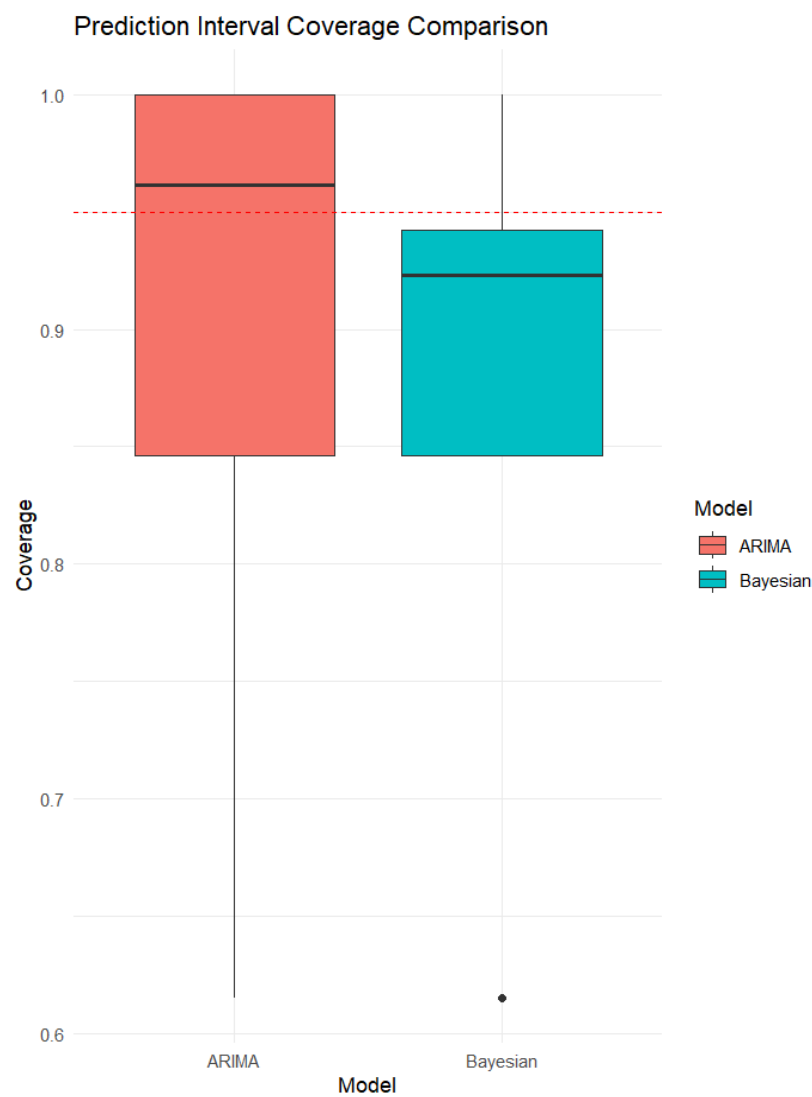
Table : RMSE across countries in ARIMA model

Country	Model	RMSE	MAE	MAPE
United States	ARIMA(0,0,0)	1.73	0.95	33.76%
Venezuela	ARIMA(0,0,0)	15.19	10.95	104.7%
Ireland	ARIMA(1,0,0)	10.89	8.99	203.79%

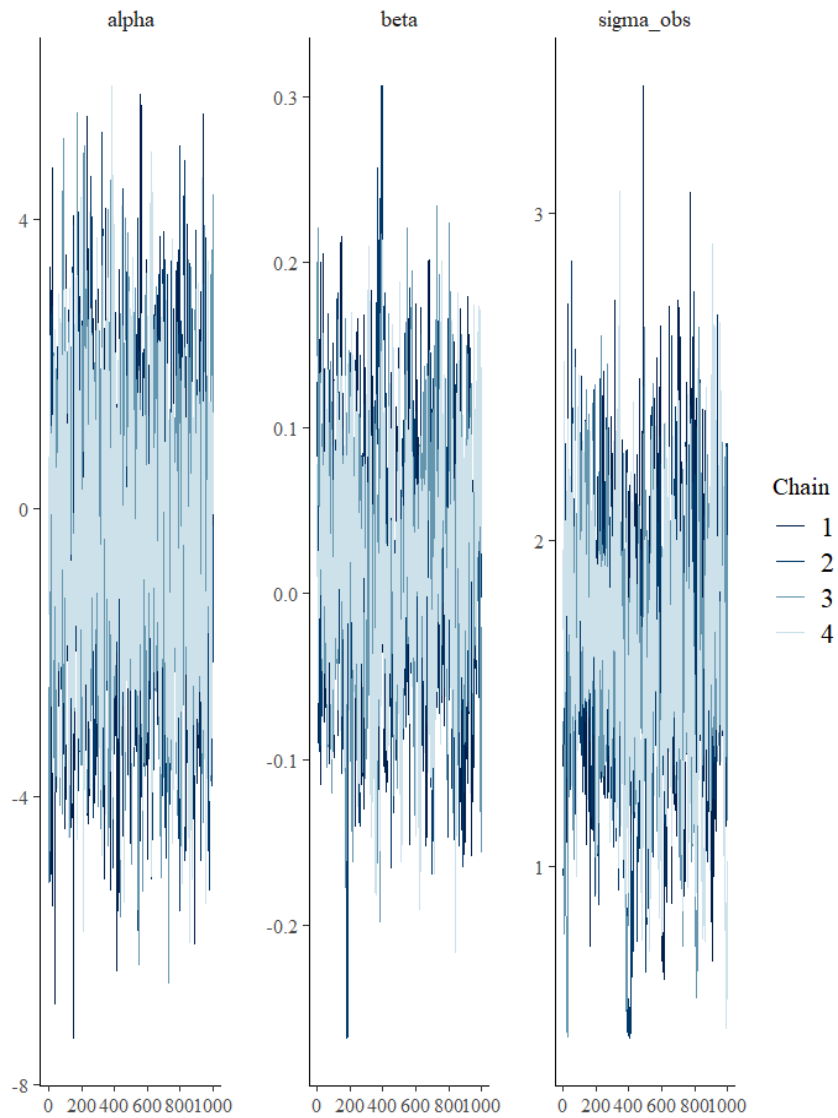
Graph 1: PIT histogram for ARIMA model



Plot 1 Prediction Comparison



Plot 2 MCMC Trace



Plot 3 Posterior Distributions

