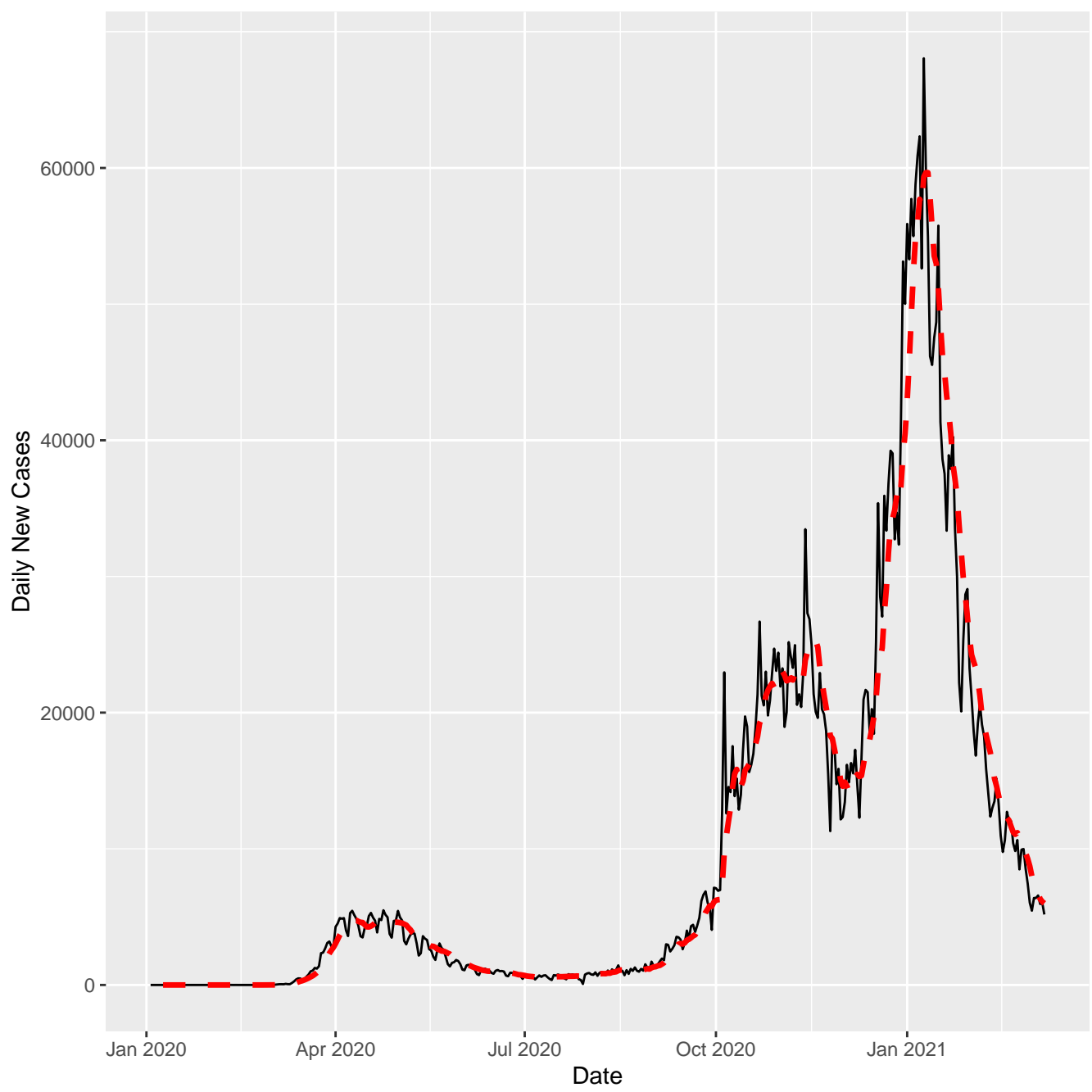
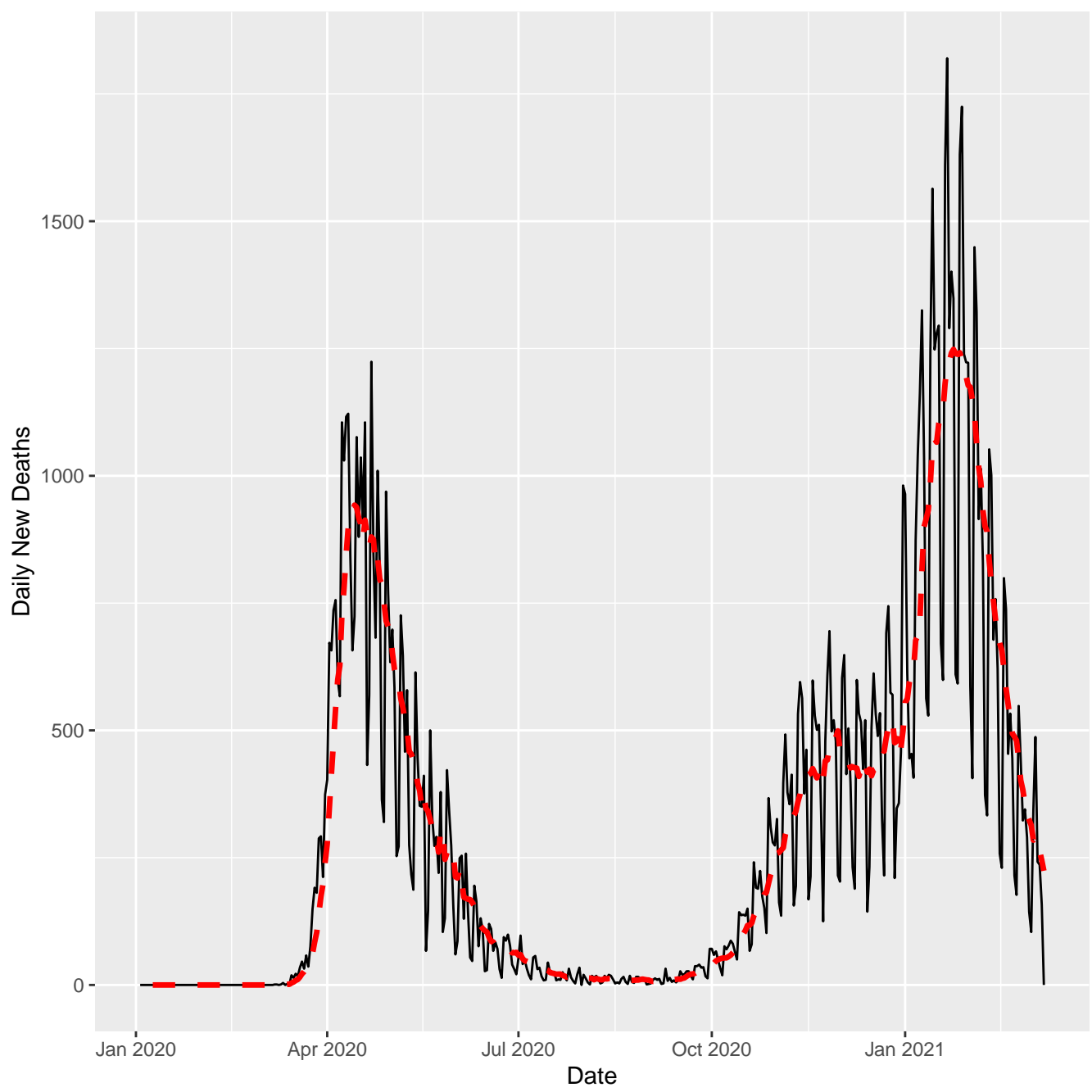




Type

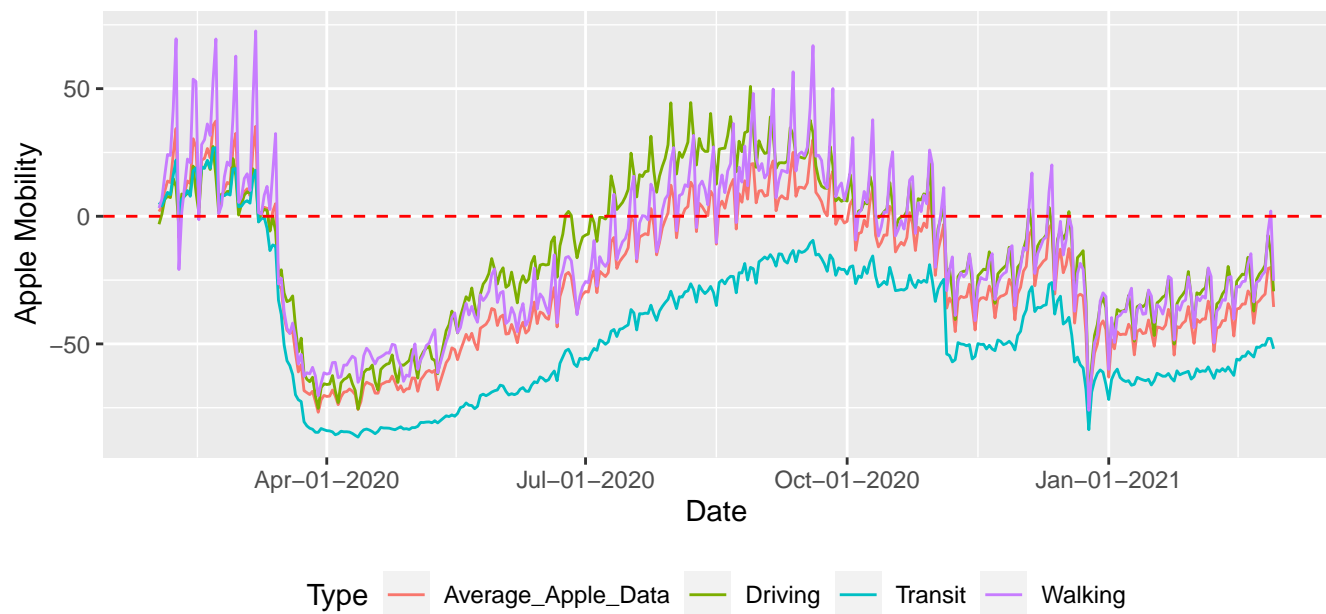
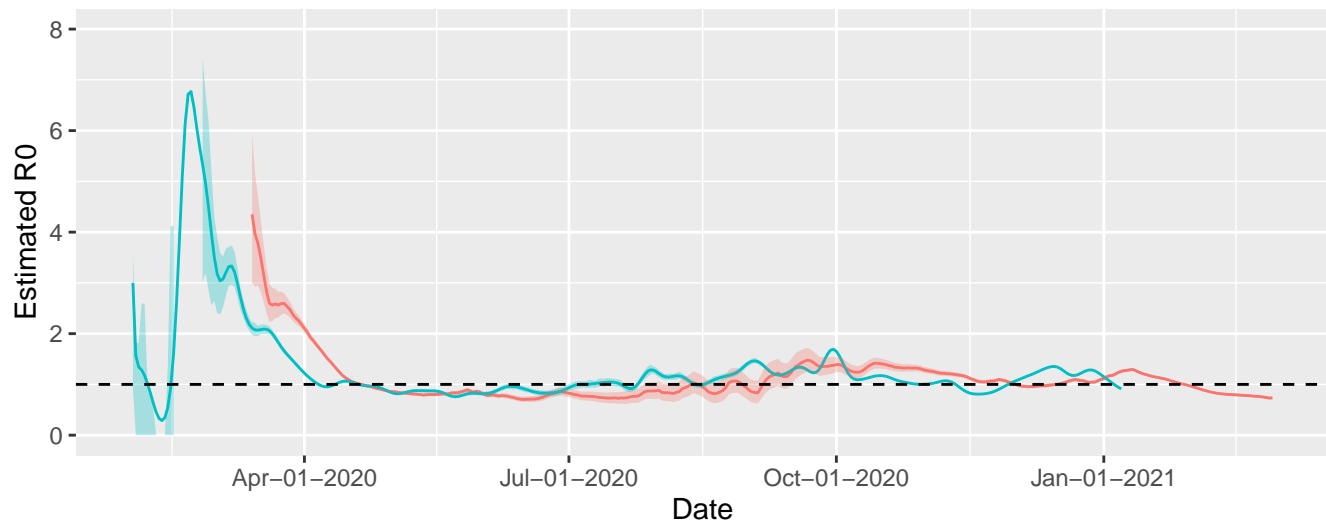
Average_Google_Data	Parks	Retail_and_Recreation	Workplaces
Grocery_and_Pharmacy	Residential	Transit_Stations	



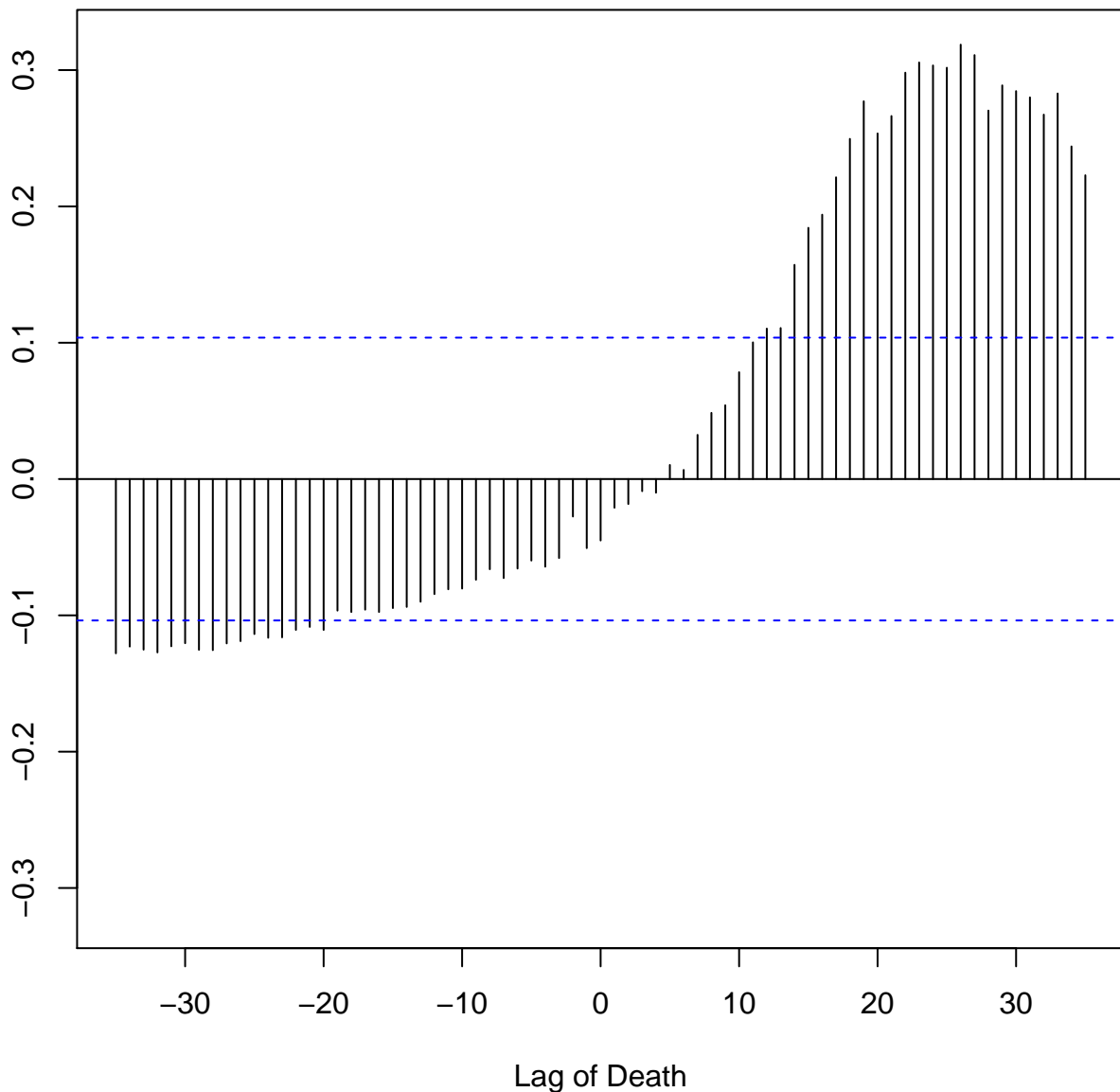


	RMSE	MAE	Death_obs (last week)	Death_pred (this week)	Model
1	55.17764	47	2340	2524	Boosting
2	67.63663	54	2340	2465	Ensemble
3	105.99505	83	2340	2225	ARIMAX
4	99.88917	88	2340	2650	VAR

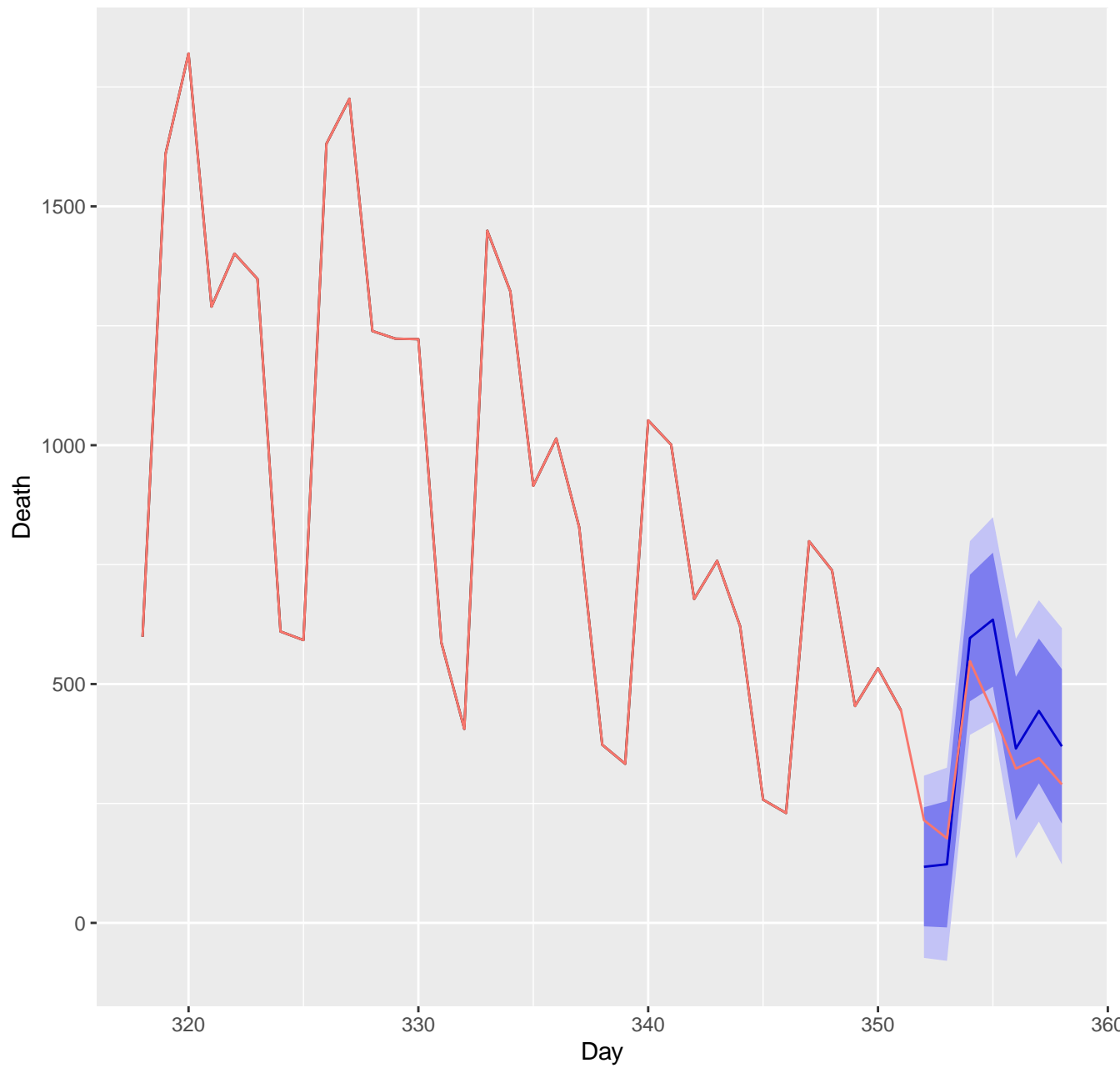
Estimated R0 and Mobility



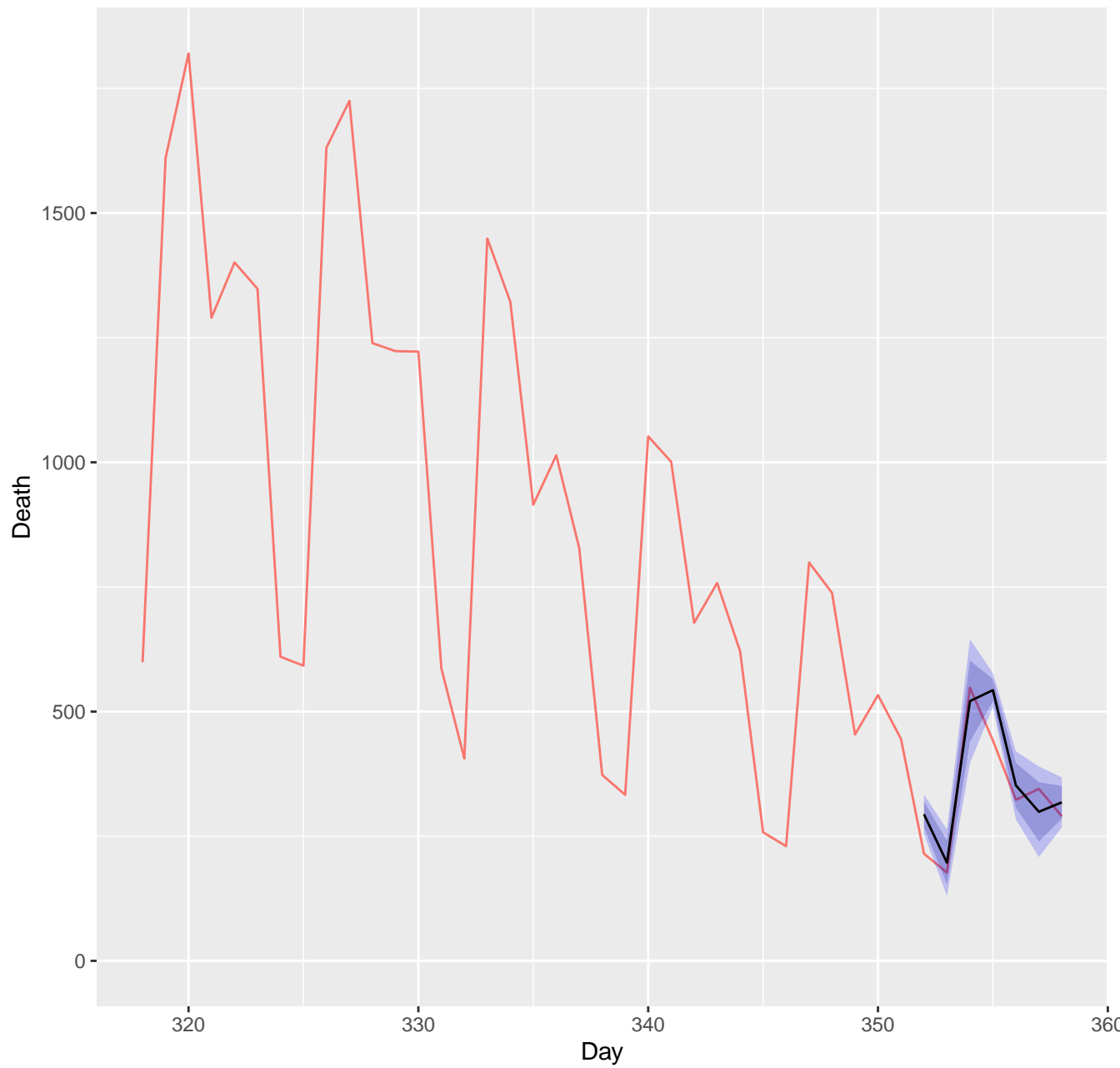
Cross-Correlation between Death and Mobility



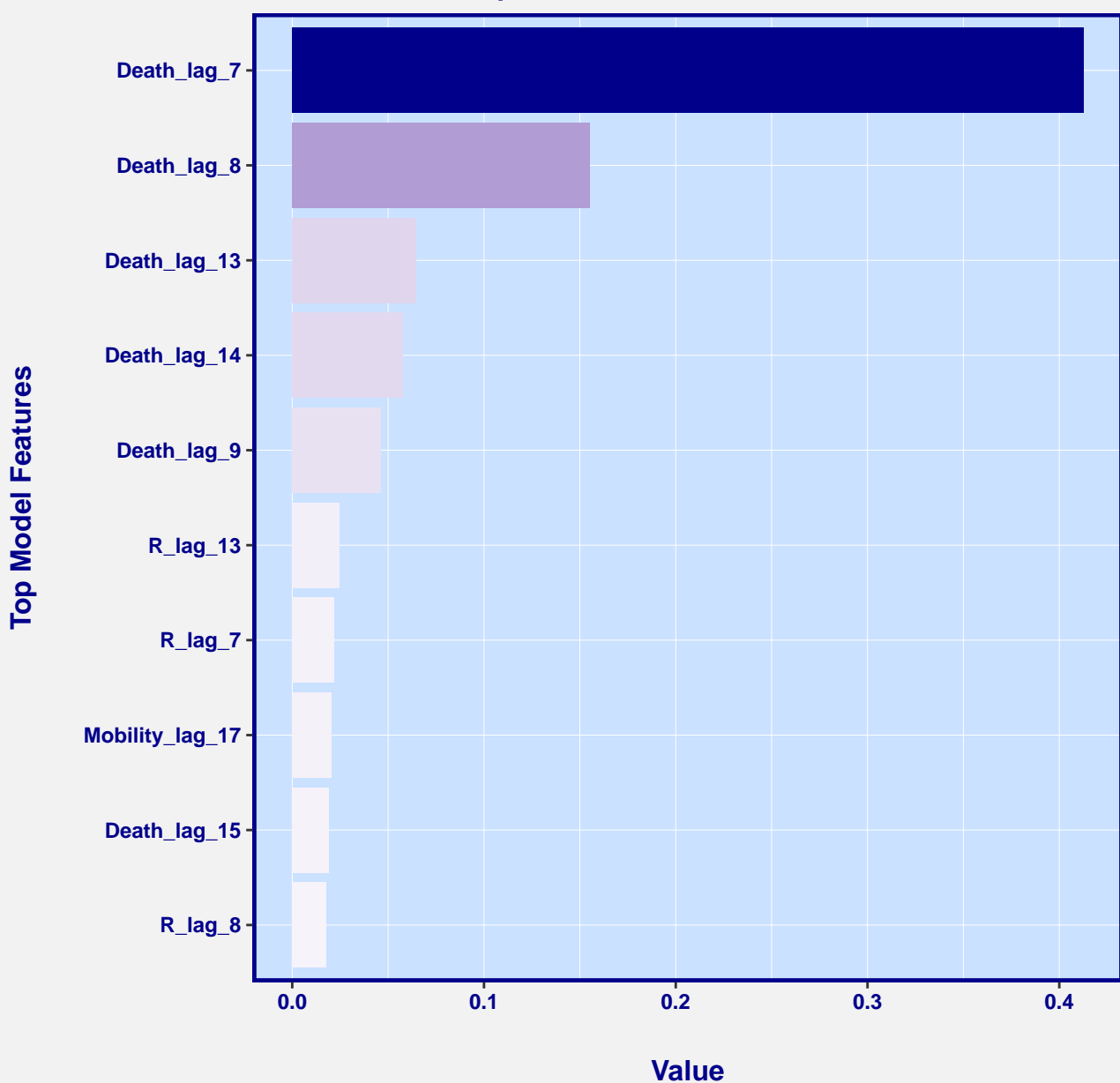
Forecasts from VAR(22)



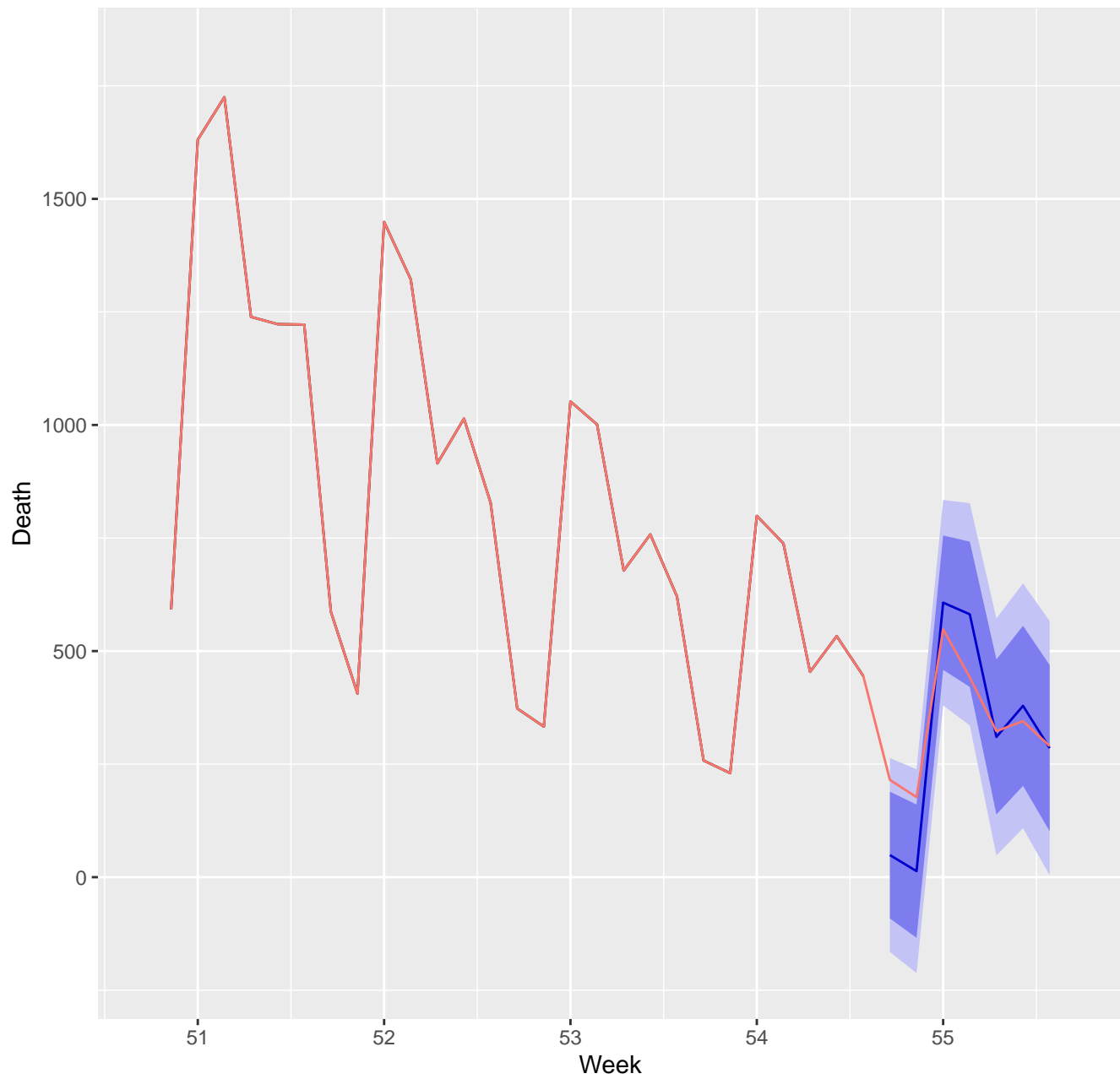
Forecasts From Gradient Boosting



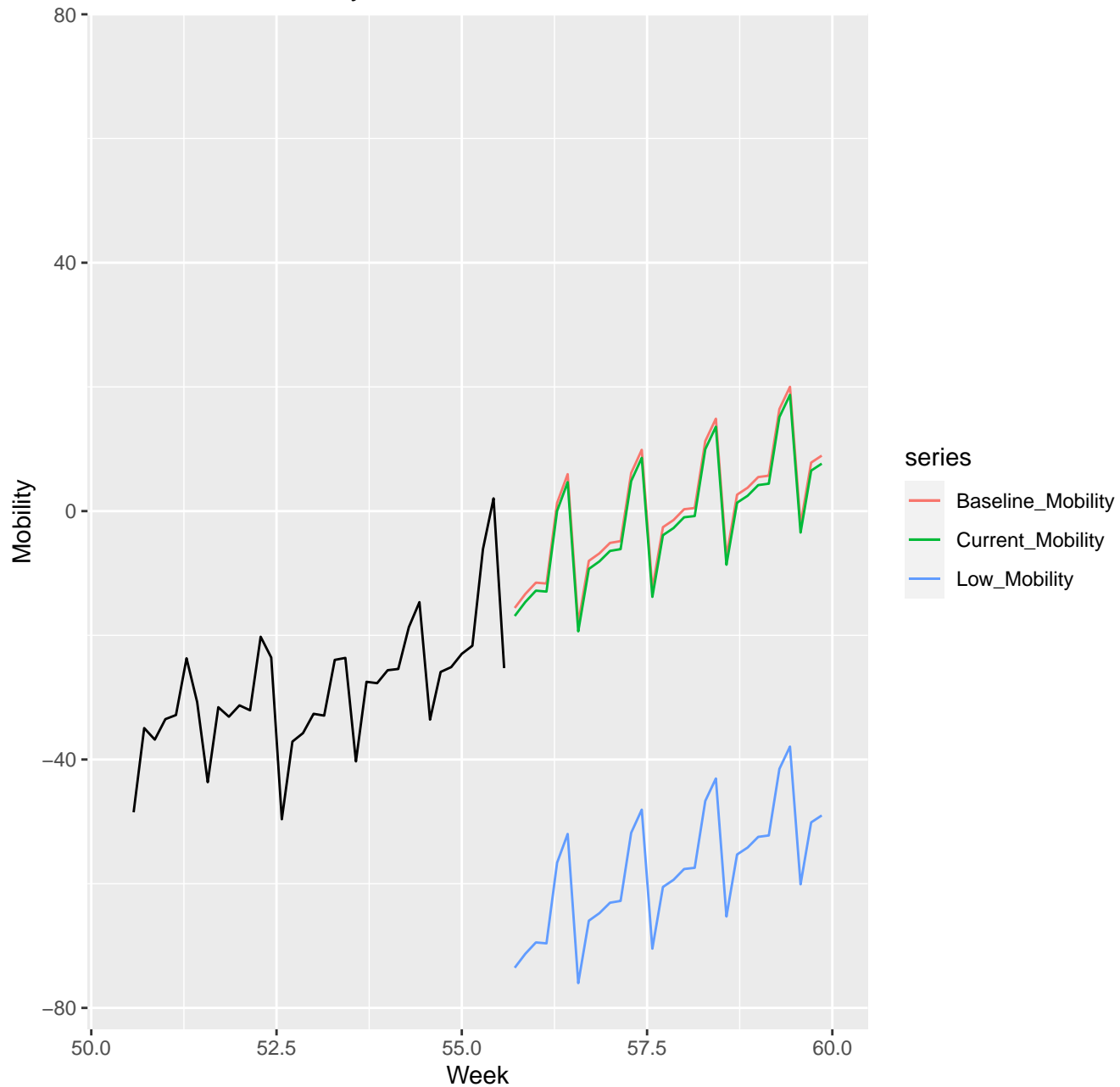
Global Variable Importance



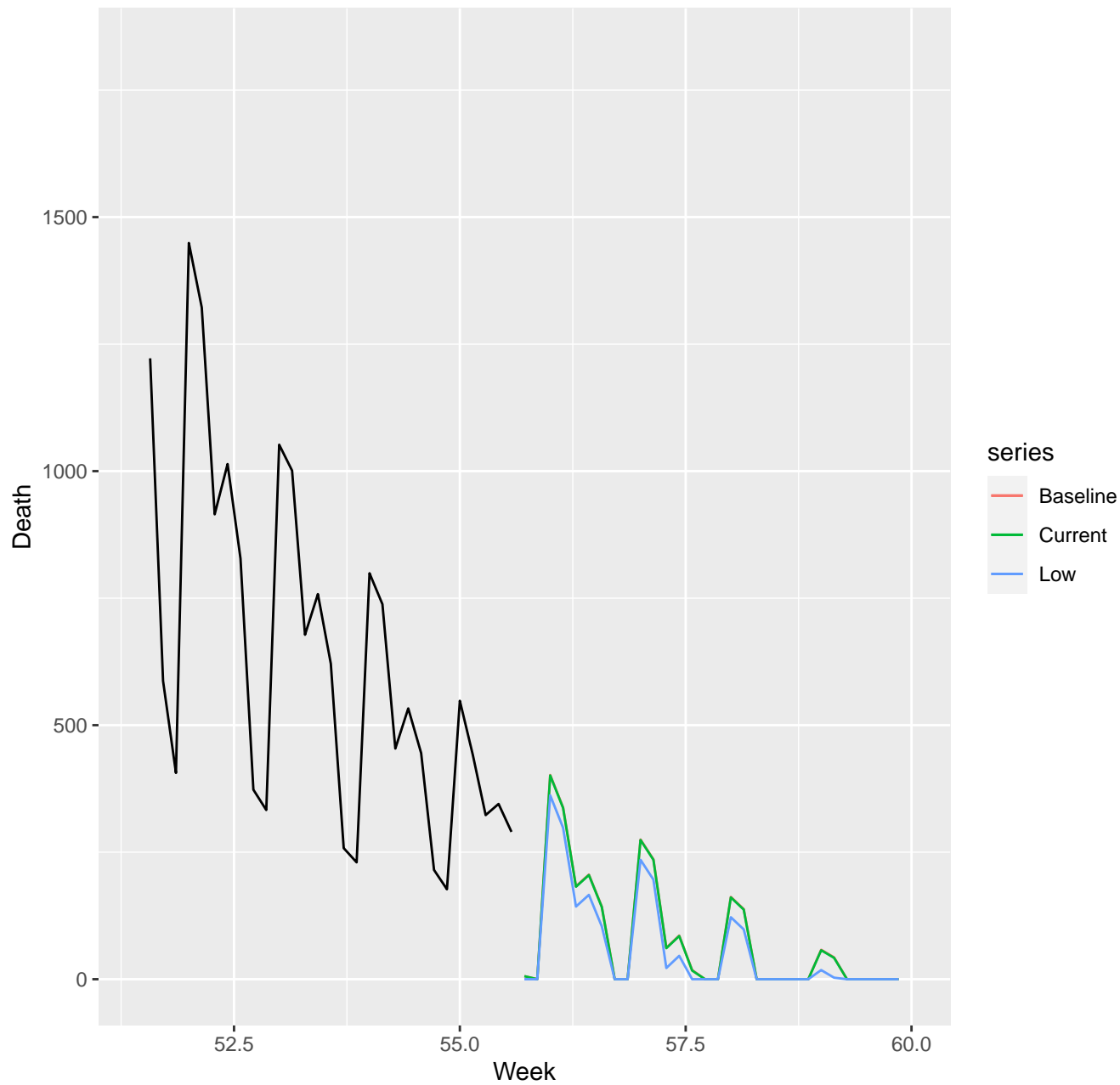
Forecasts from Regression with ARIMA(2,1,1)(1,1,1)[7] errors



Simulation of Mobility under Different Situations



Predicted Deaths under Different Situations



	Type	Death	Death_lower	Death_upper
1	Baseline	2356	267	15911
2	Current	2342	265	15884
3	Low	1813	187	14715