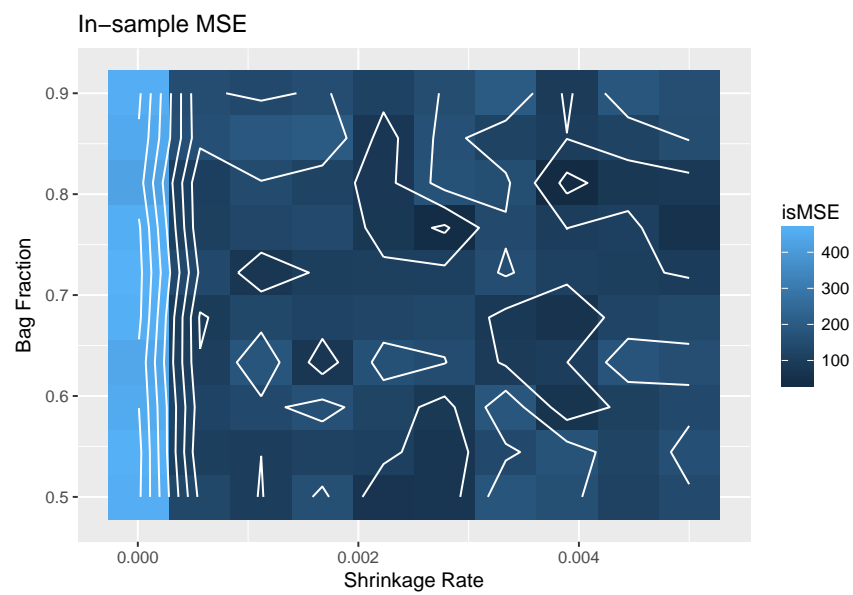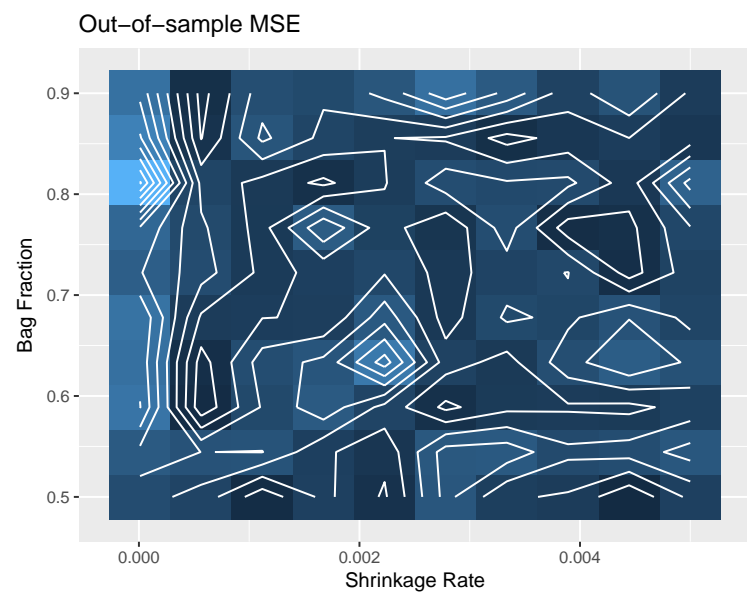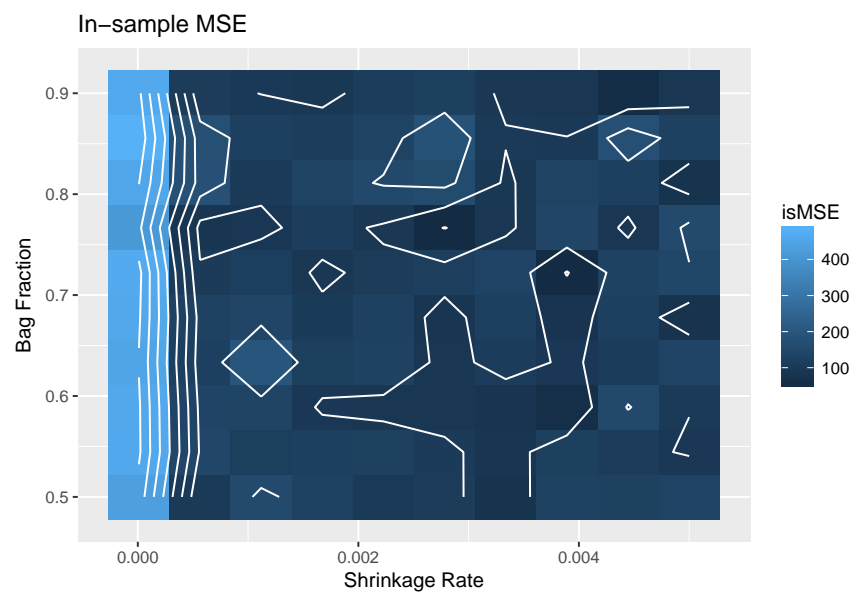# evalGBM

J. Beaulieu

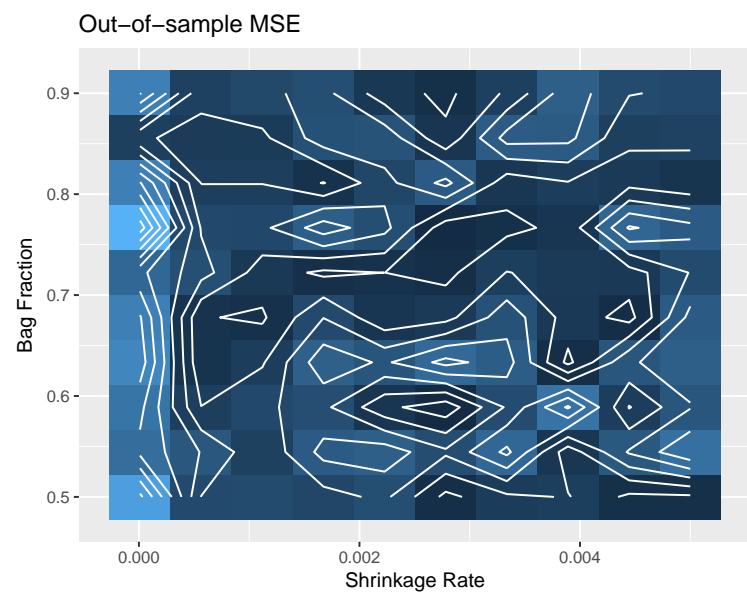*March 27, 2018*

Results of evalGBM function for evaluation of shrinkage rate and bag fraction values for brt model of 2016 reservoir survey data.
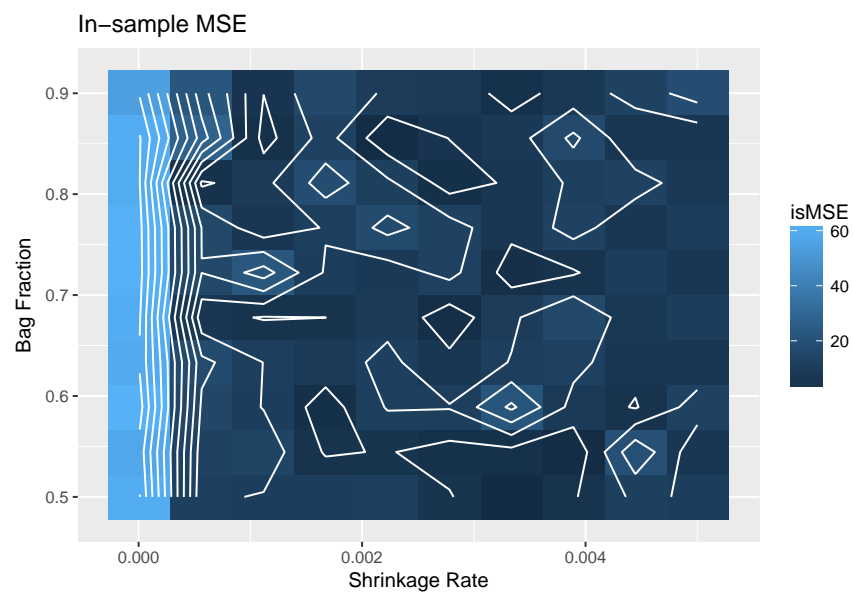
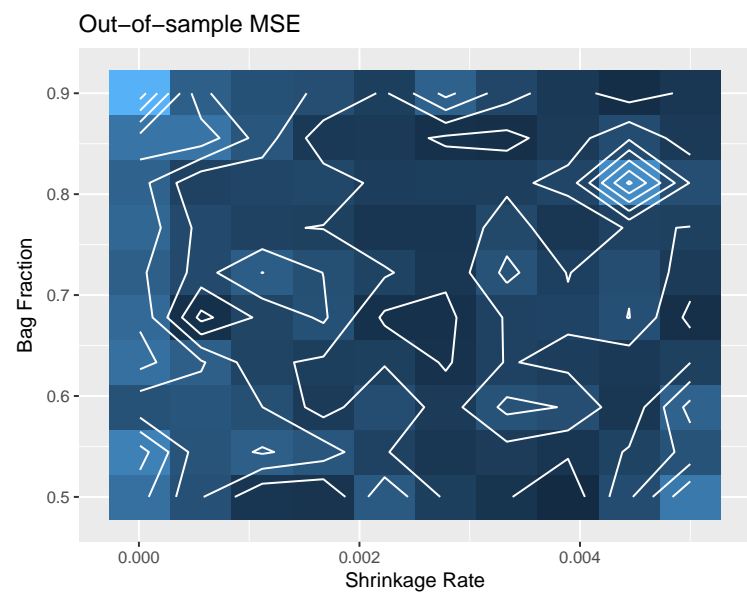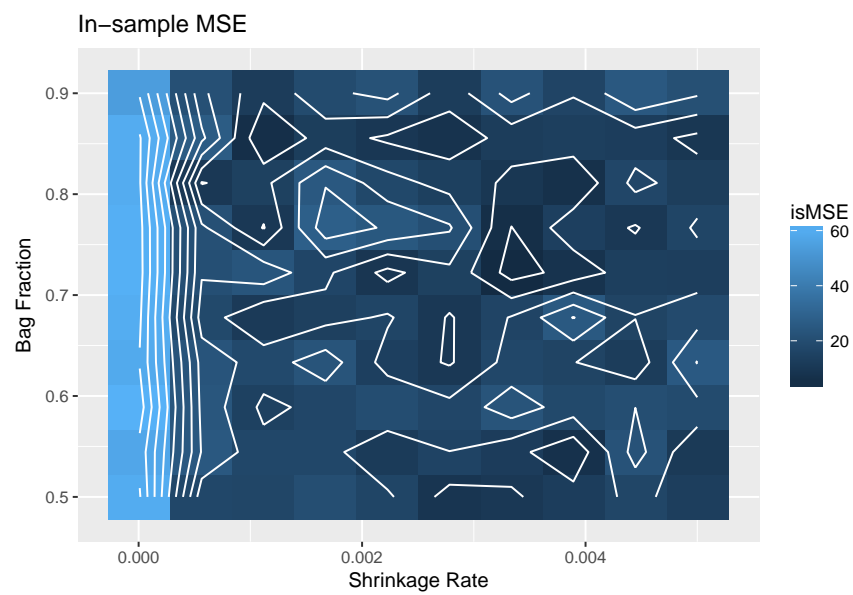**Local volumetric ebullition rate, all predictors**

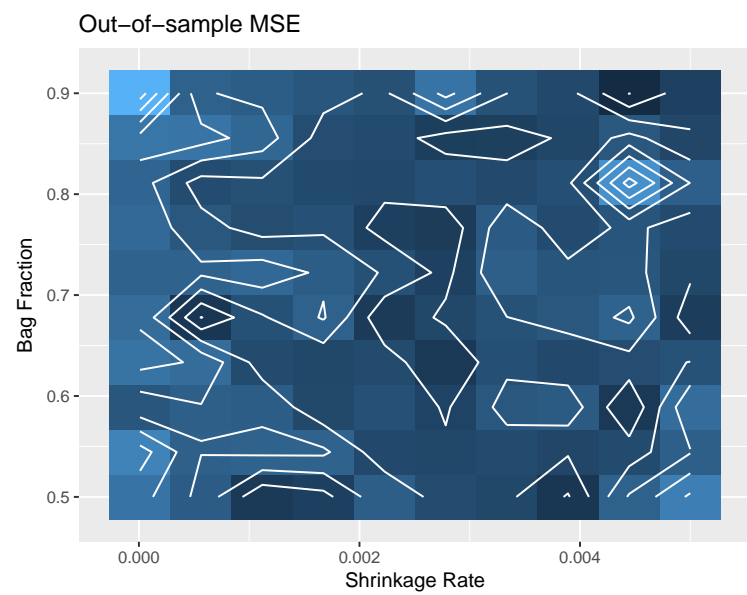Out–of–sample MSE

In–sample MSE

Local volumetric ebullition rate, national predictors
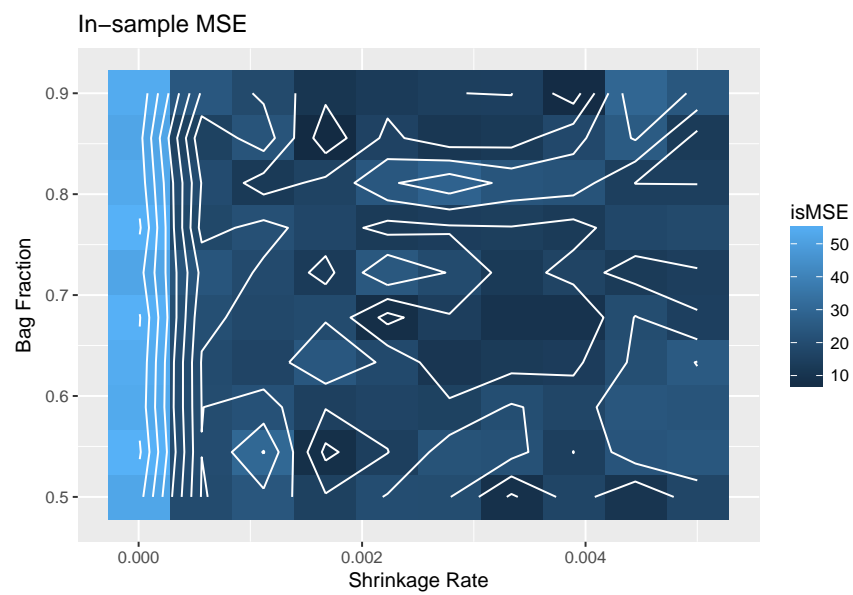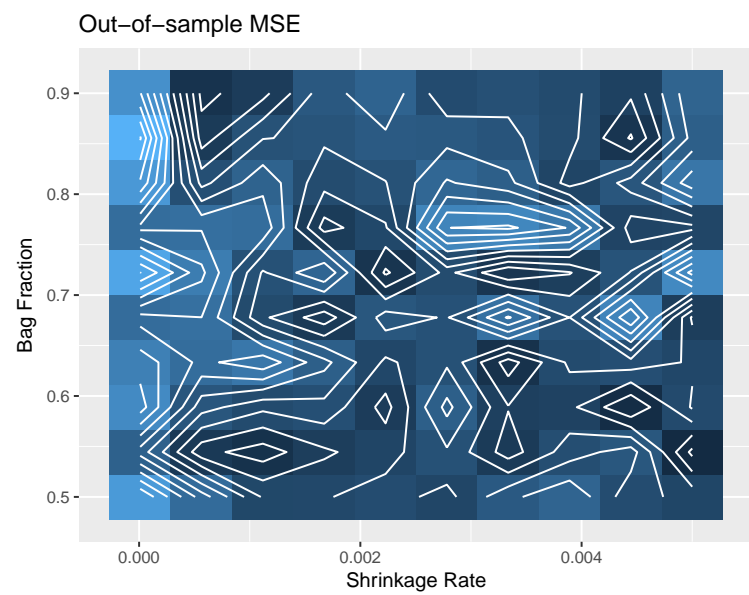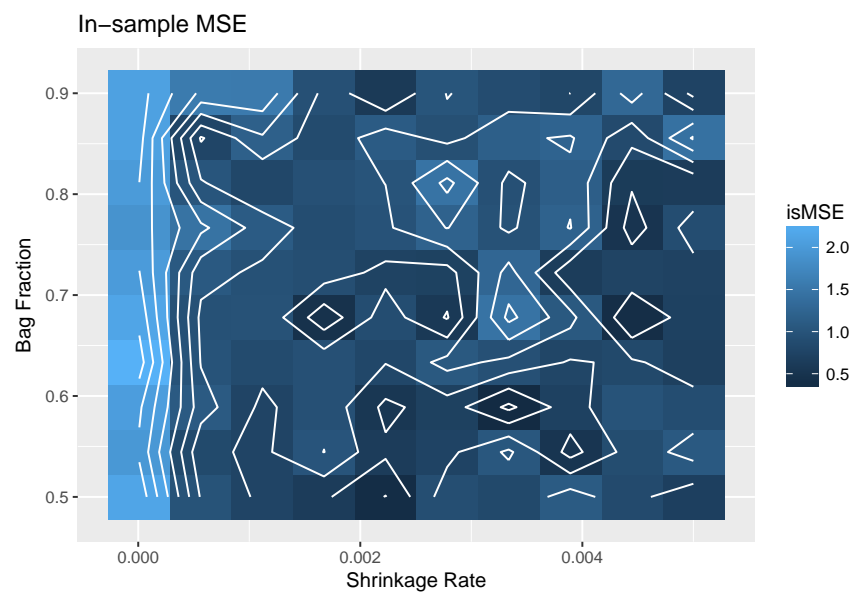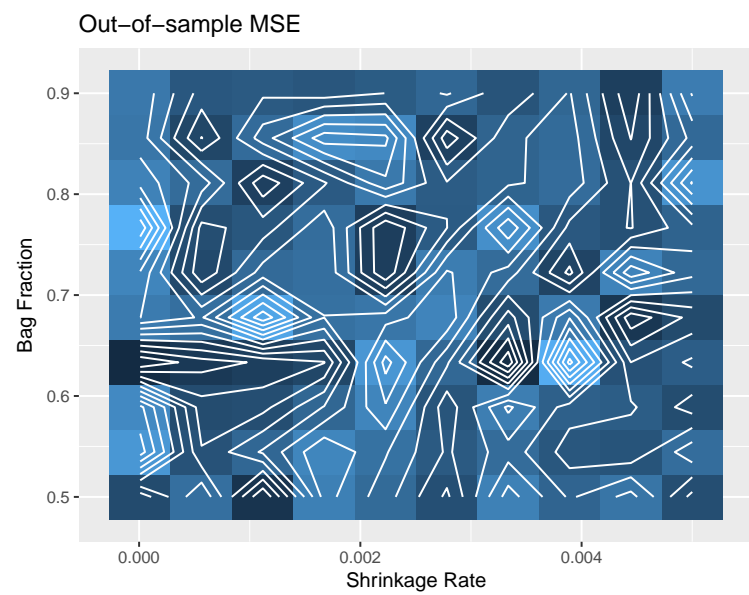
Out−of−sample MSE

In−sample MSE

Local total CH4 emission rate, all predictors

Local total CH4 emission rate, national predictors

Out–of–sample MSE

In–sample MSE
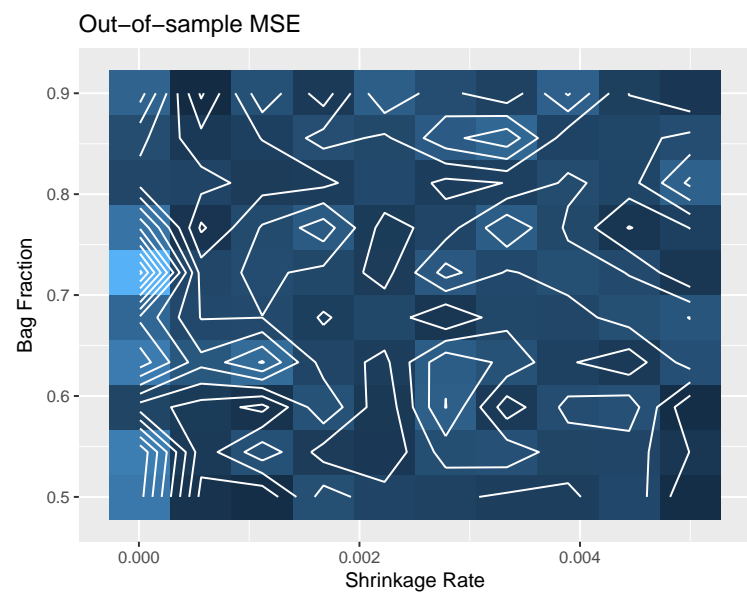
National total CH4 emission rate, national predictors

Out–of–sample MSE

In–sample MSE

Local diffusive CH4 emission rate, all predictors

Out–of–sample MSE

In–sample MSE

Local diffusive CH4 emission rate, national predictors

Out–of–sample MSE

In–sample MSE
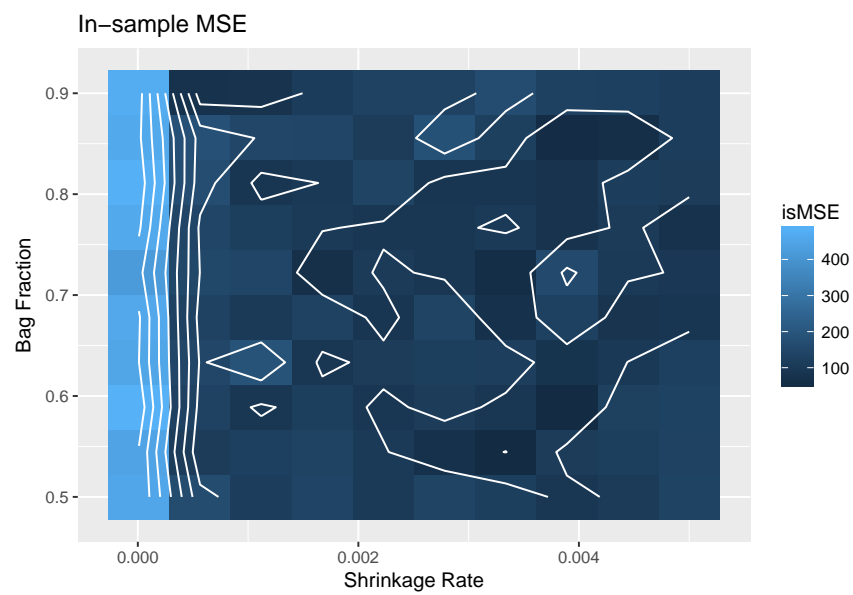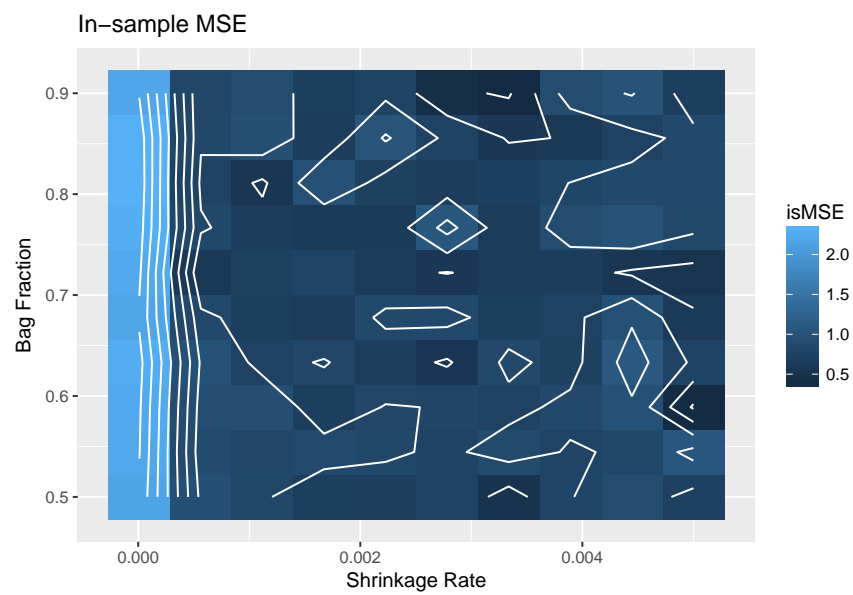
National diffusive CH4 emission rate, national predictors

Local ebullitive CH4 emission rate, all predictors

Local ebullitive CH4 emission rate, national predictors

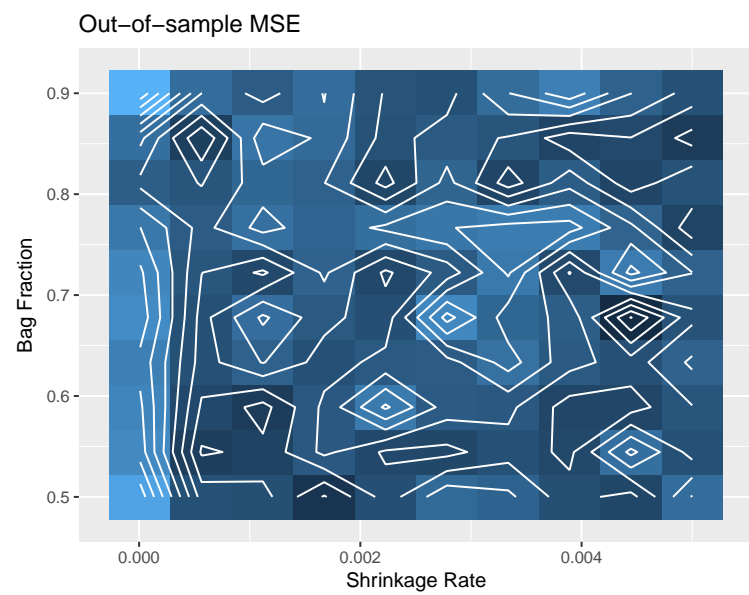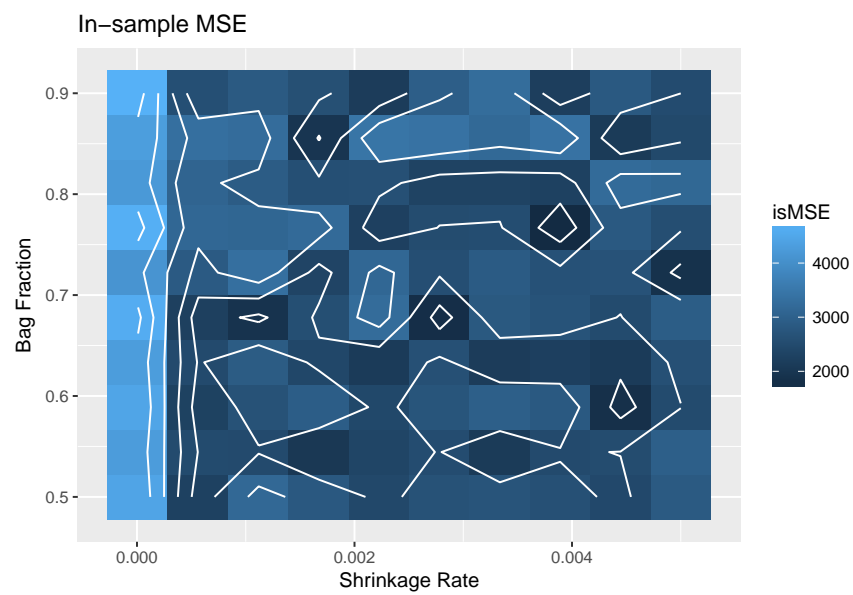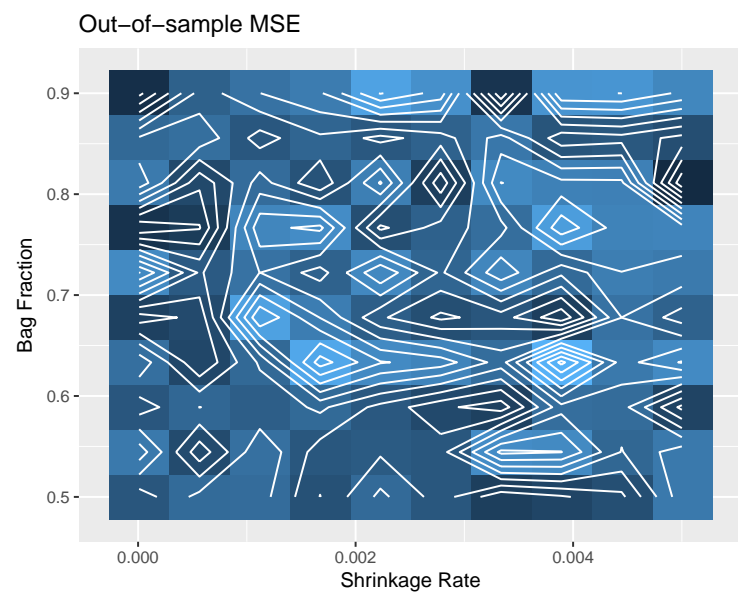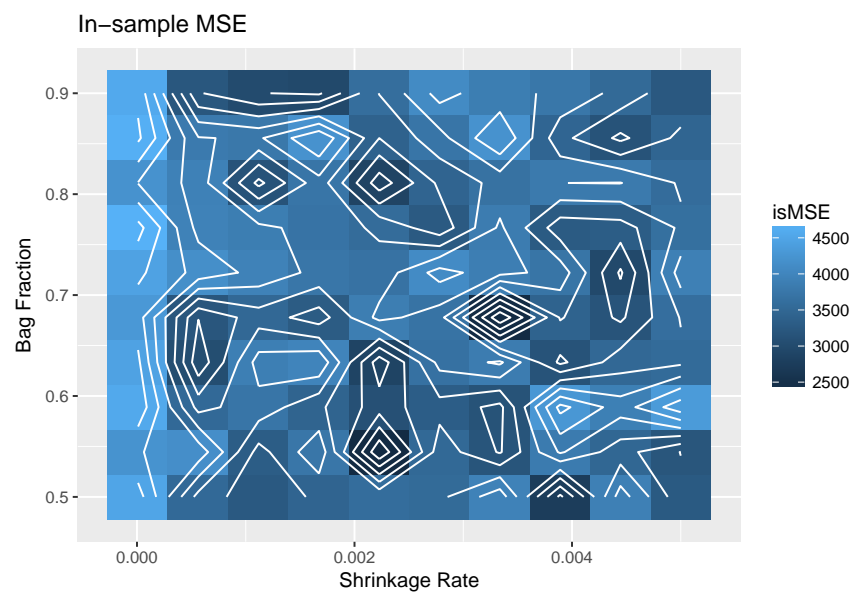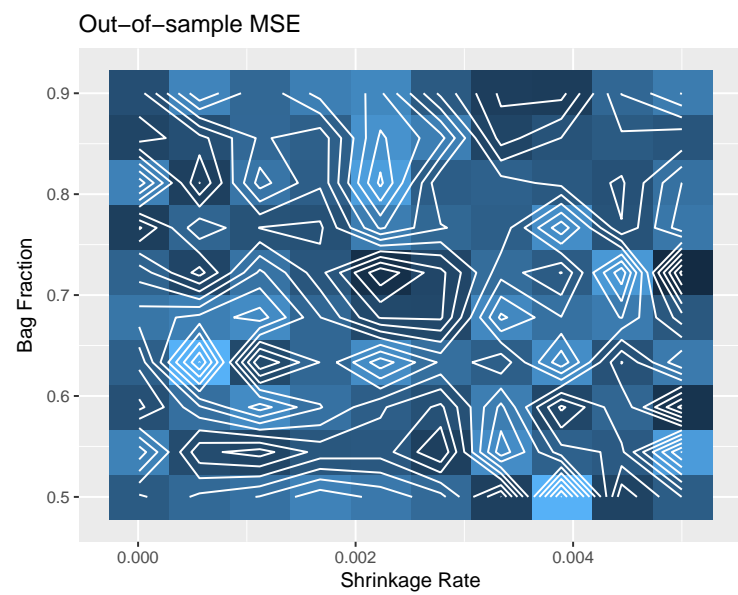**National ebullitive CH4 emission rate, national predictors**

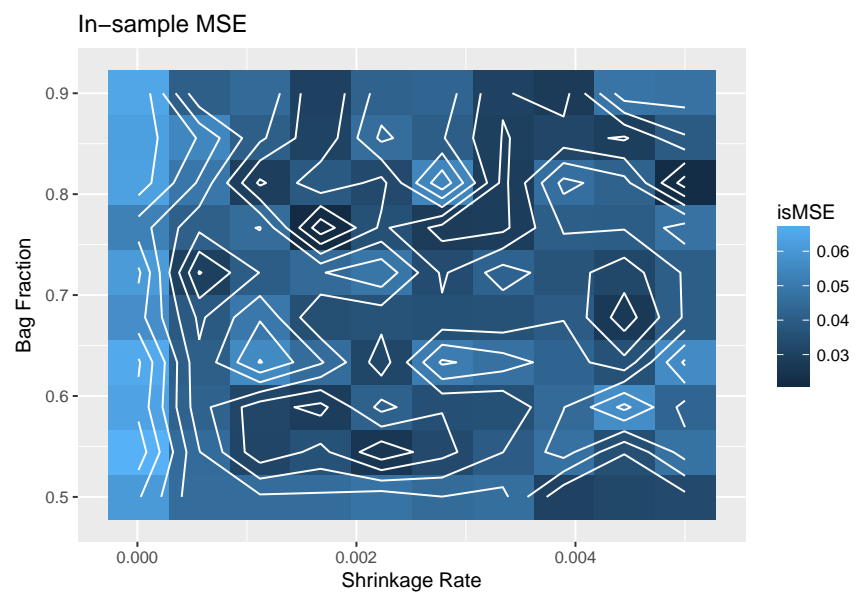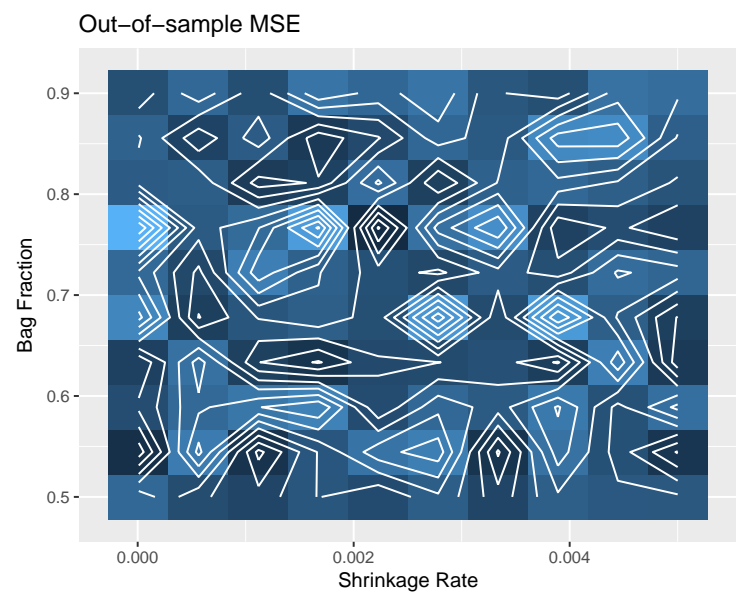**Local CO2 diffusion rate, all predictors**

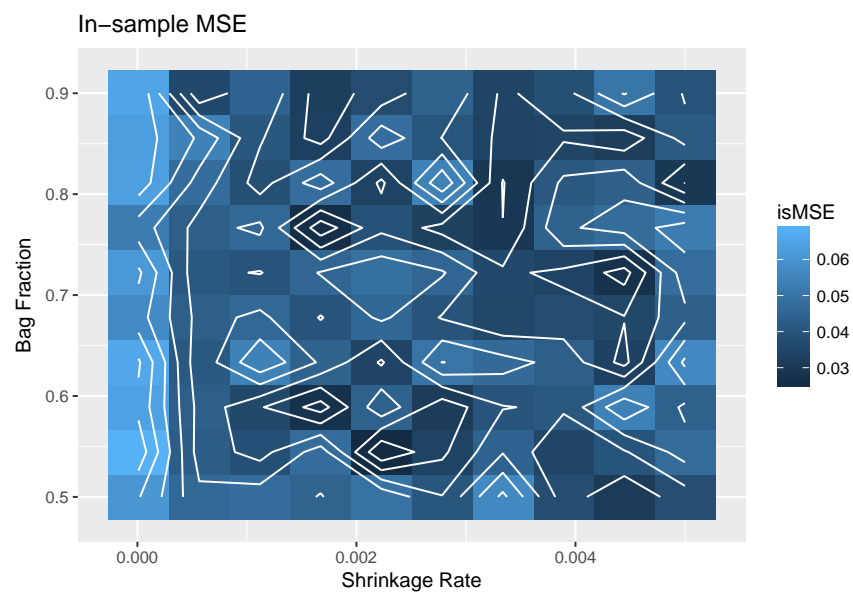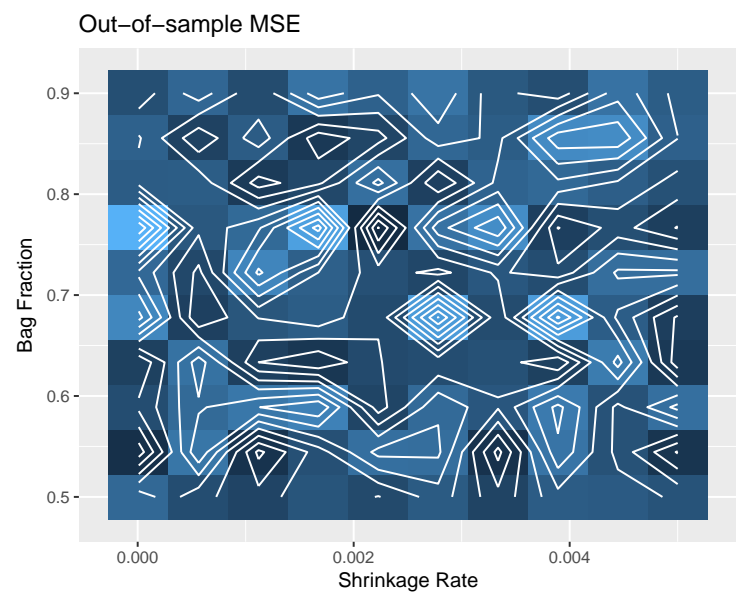Out–of–sample MSE

In–sample MSE

Local CO2 diffusion rate, national predictors

Out–of–sample MSE

In–sample MSE

Local CO2 ebullition rate, all predictors

Out–of–sample MSE

In–sample MSE

Local CO2 ebullition rate, national predictors

Out–of–sample MSE

In–sample MSE

Local CO2 total rate, all predictors

Local CO2 total rate, national predictors