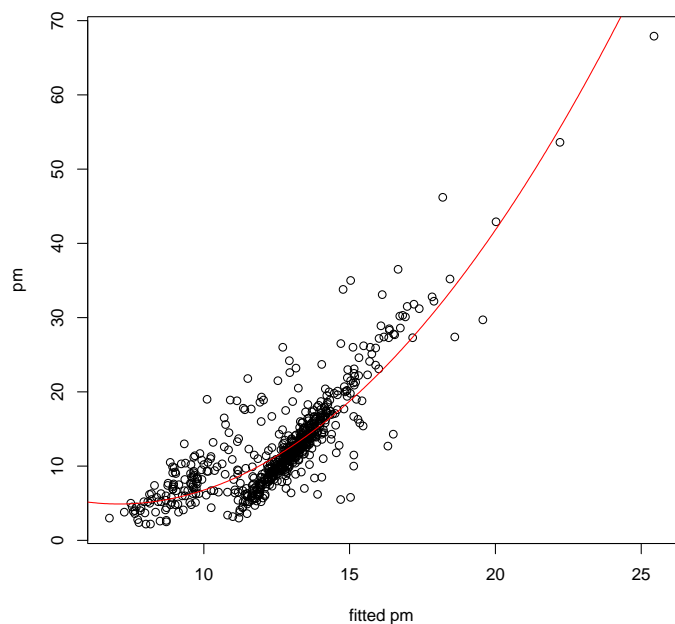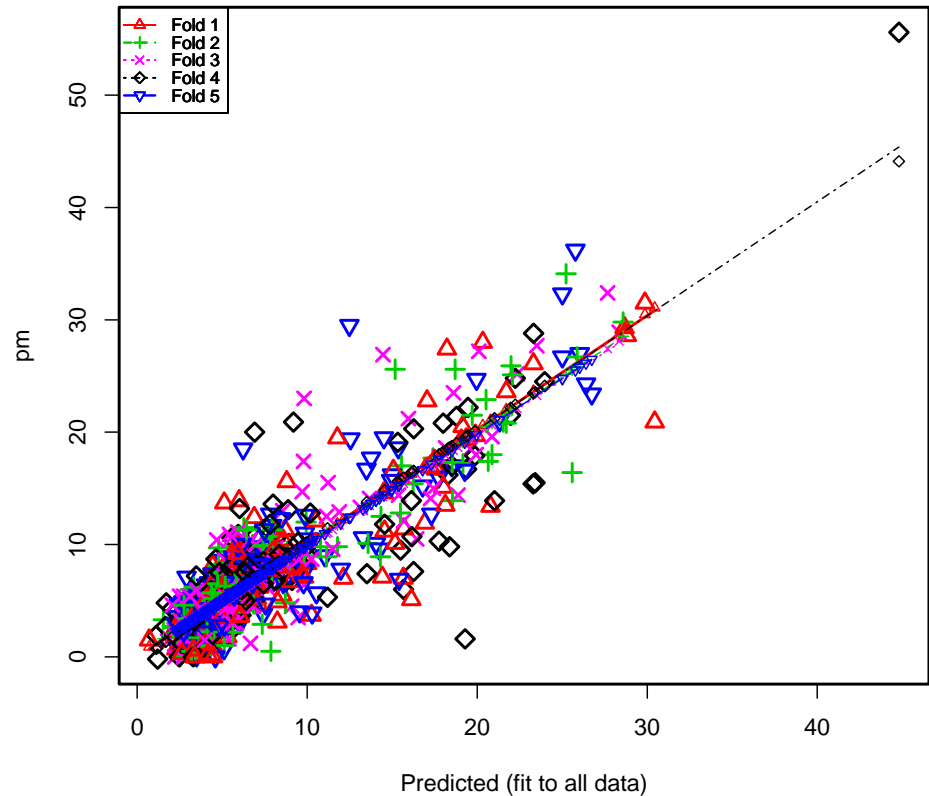The following is a fitted curve for the California data about fitting the relationship between PM and AOD. Rsquared is around 0.74.
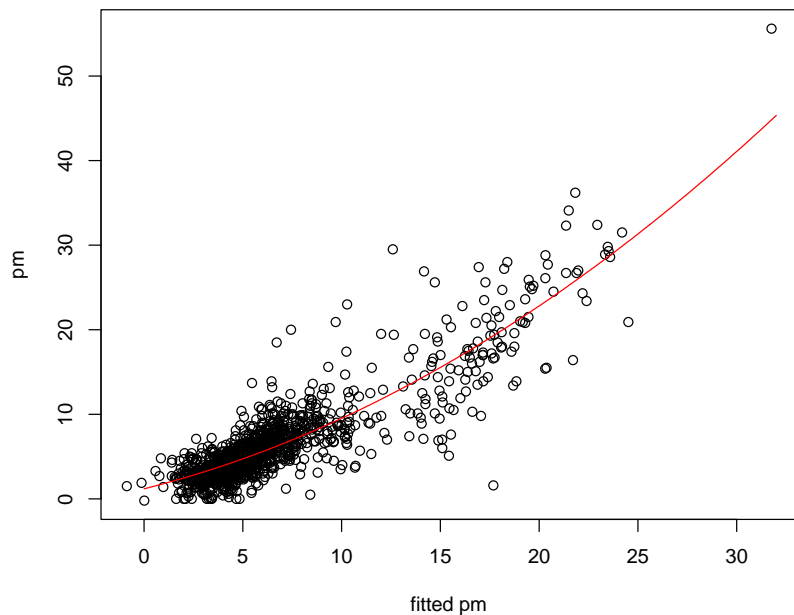

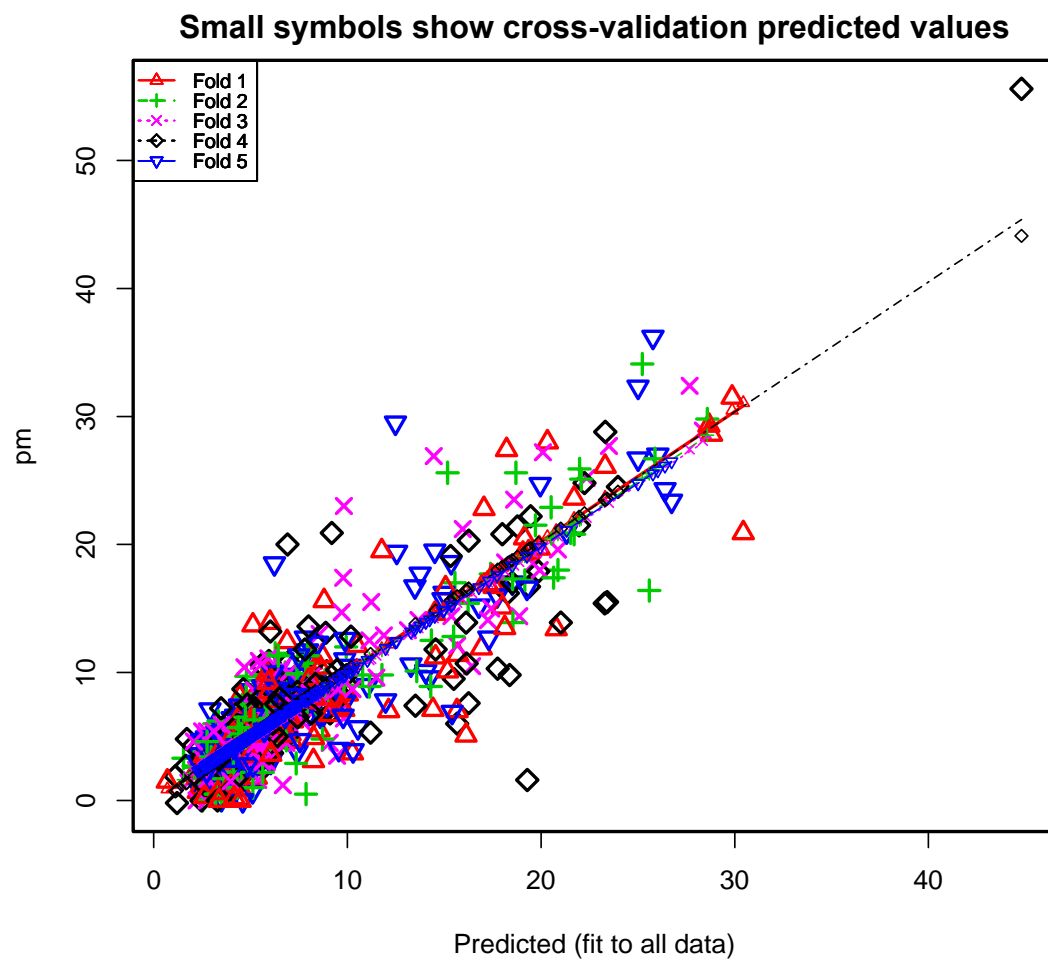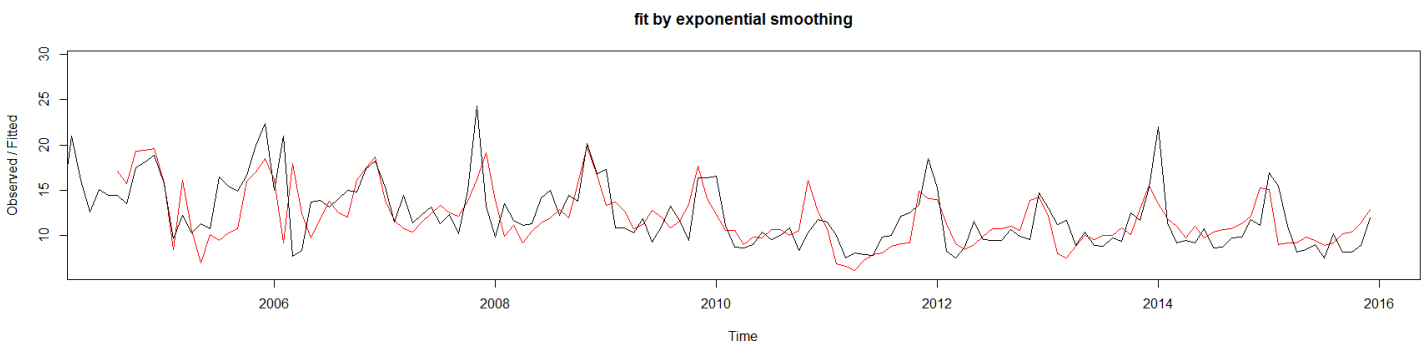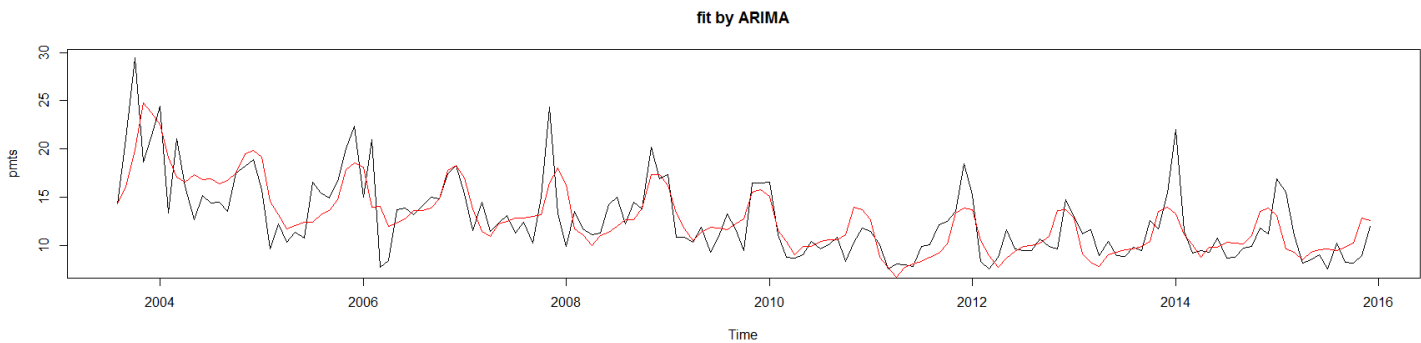This is the 5-folder cross-validation results for California data.

The following is a fitted curve for the Hawaii data about fitting the relationship between PM and AOD. Rsquared is around 0.78.

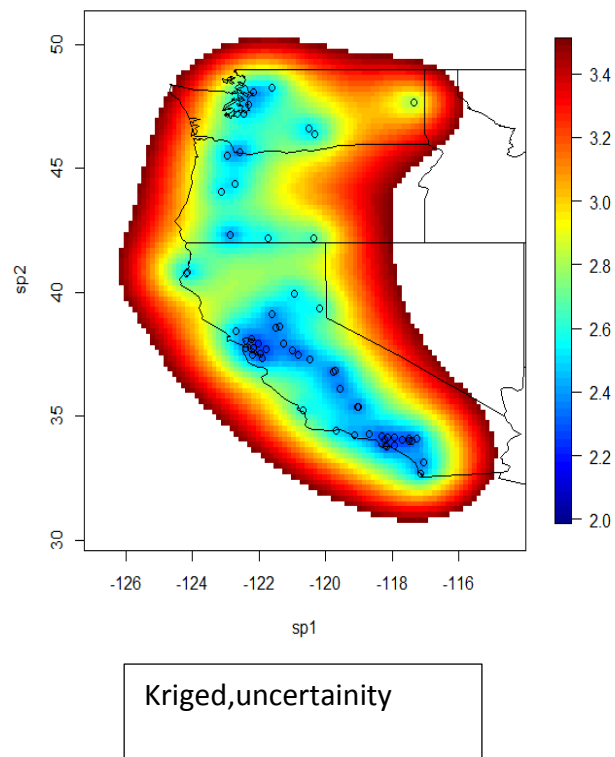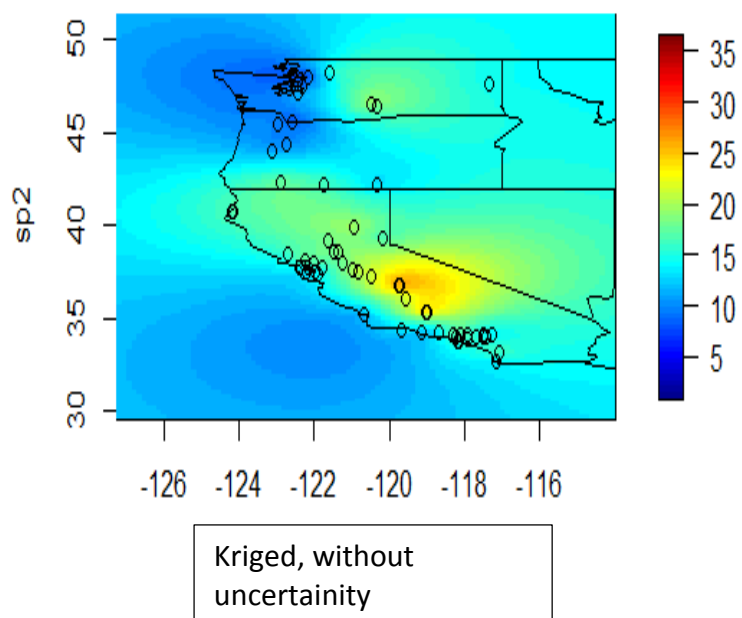This is the 5-folder cross-validation results for Hawaii data.

Small symbols show cross-validation predicted values

This is time series about monthly pm value at site (33.79236,-118.175)

fit by ARIMA

fit by exponential smoothing

Spatial plots

Date: 4 Jan, 2009 PM data

Kriged, without uncertainity

Kriged,uncertainity

AOD Data

AOD data
Krigged
without
Uncertainty

AOD data
Krigged with
Uncertainty