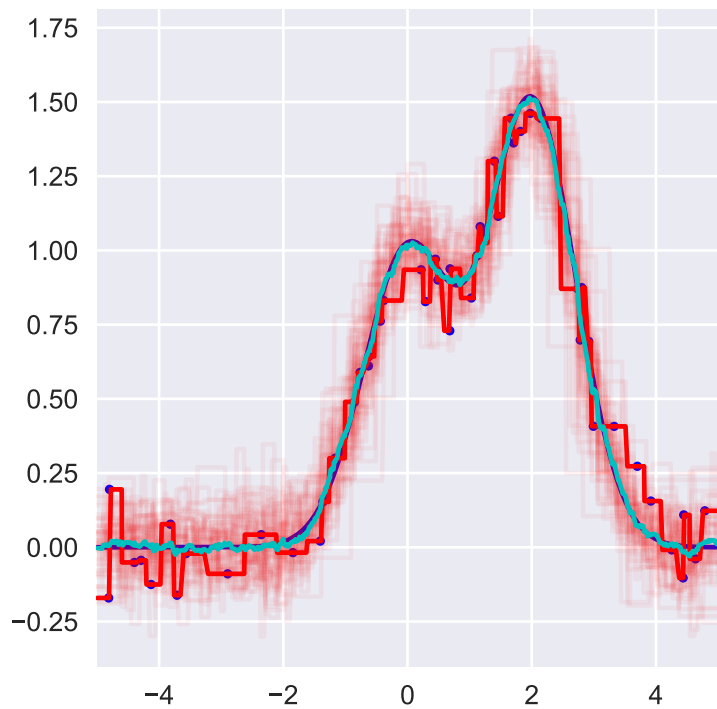
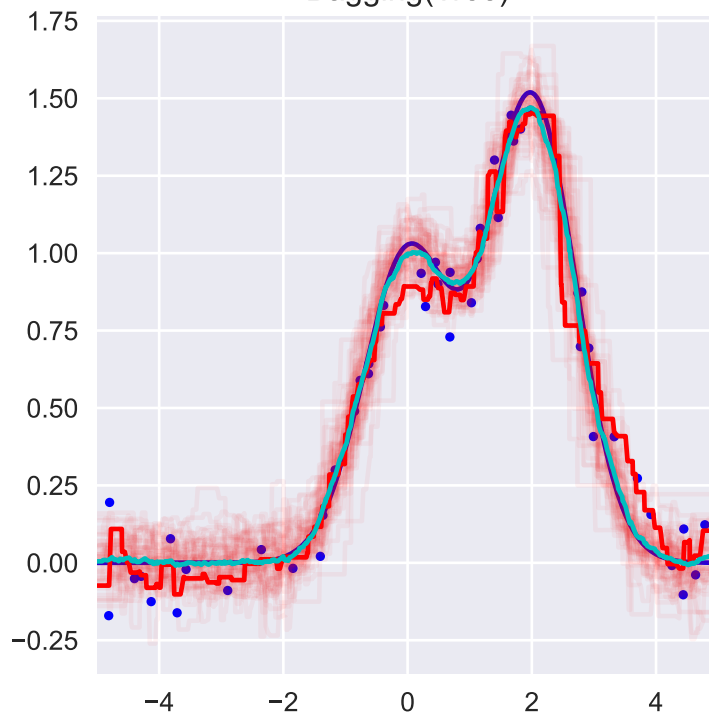


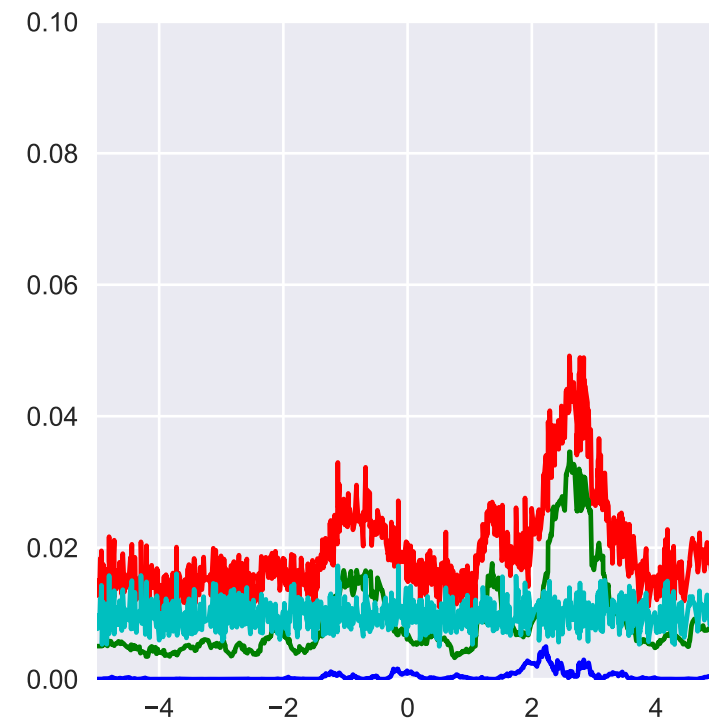
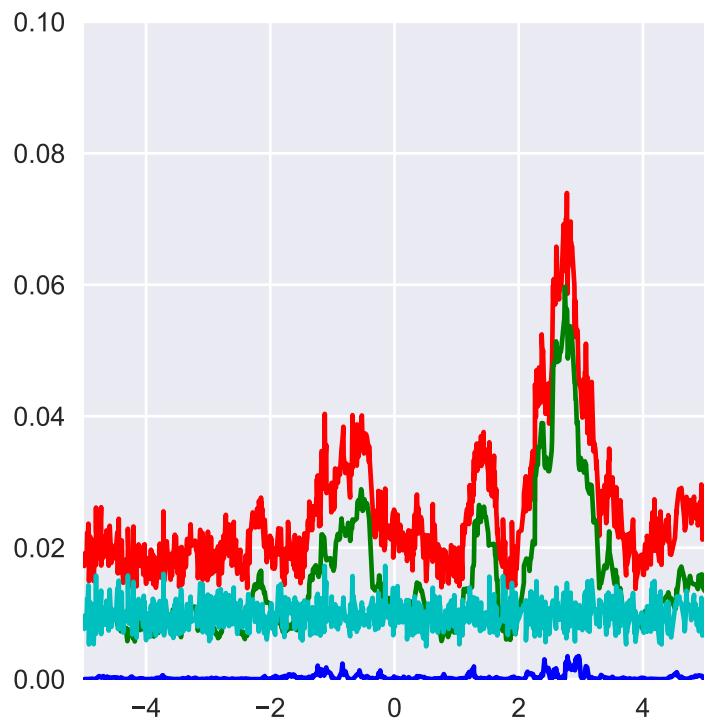
Tree



Bagging(Tree)



$f(x)$   
 •  $LS \sim y = f(x) + noise$   
 $\hat{y}(x)$   
 $\mathbb{E}_{LS}\hat{y}(x)$



$error(x)$   
 $bias^2(x)$   
 $variance(x)$   
 $noise(x)$