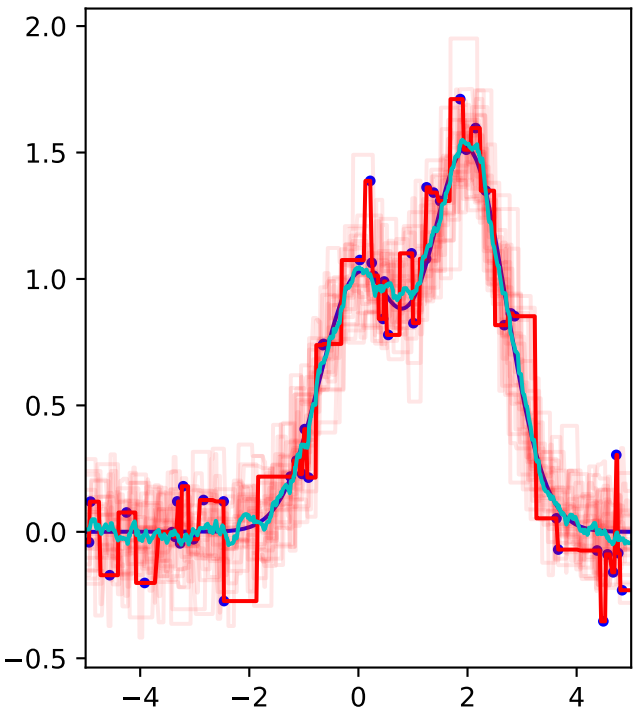
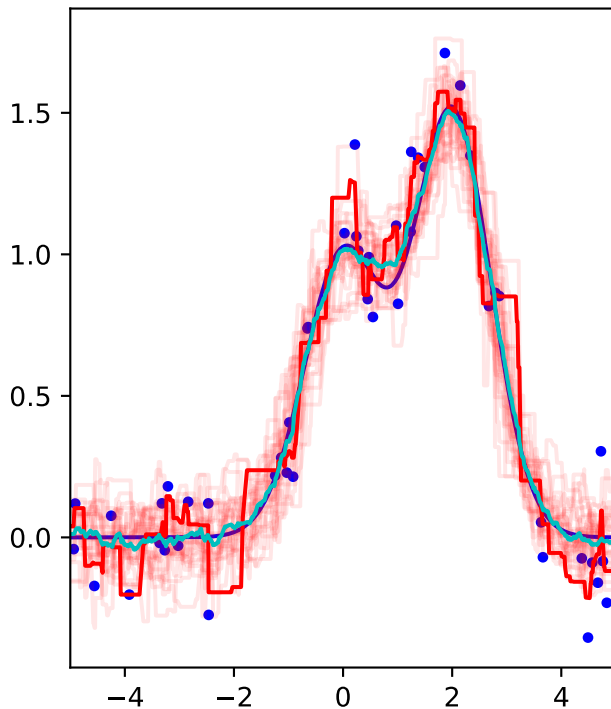


Tree



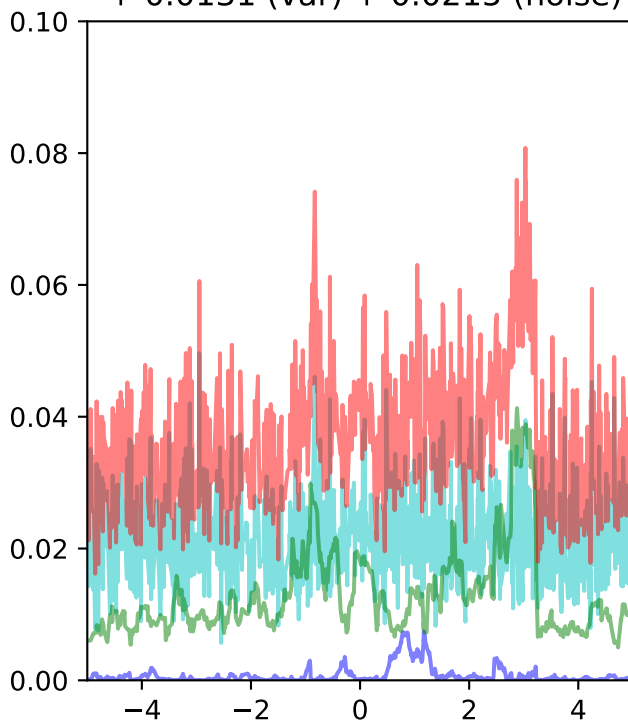
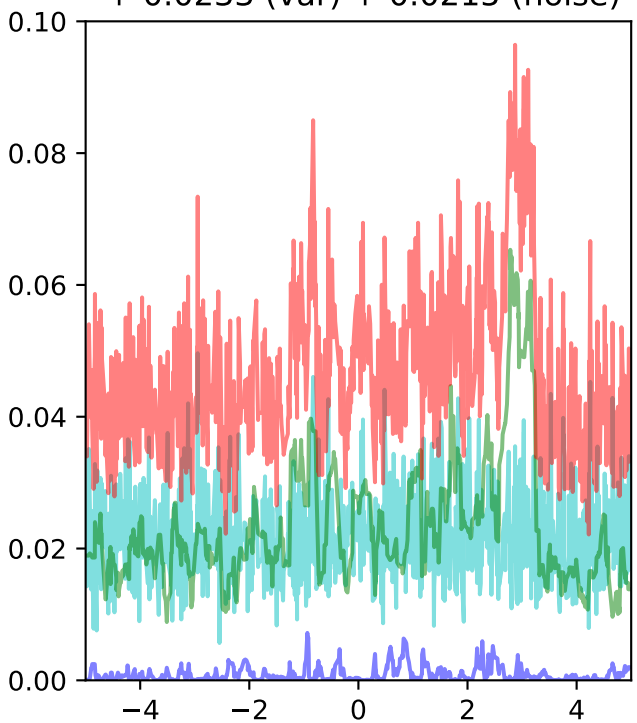
0.0466 (error) = 0.0009 (bias²)
+ 0.0233 (var) + 0.0215 (noise)

Bagging(Tree)



0.0362 (error) = 0.0007 (bias²)
+ 0.0131 (var) + 0.0215 (noise)

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



$\text{noise}(x)$
 $\text{bias}^2(x)$
 $\text{variance}(x)$
 $\text{error}(x)$