



classification

tree 1 $\rightarrow \hat{y} = 1$

tree 2 $\rightarrow \hat{y} = 0$

tree 3 $\rightarrow \hat{y} = 1$

majority voting:

2 trees with $\hat{y} = 1$,
1 tree with $\hat{y} = 0$, $\rightarrow \pi_1(x) = \frac{2}{3}$

regression

tree 1 $\rightarrow \hat{y} = 0.3$

tree 2 $\rightarrow \hat{y} = -0.2$

tree 3 $\rightarrow \hat{y} = -1.0$

averaging:

mean of the results
 $(0.3 - 0.2 - 1.0)/3 \rightarrow \hat{y} = -0.3$