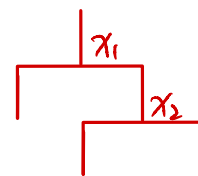
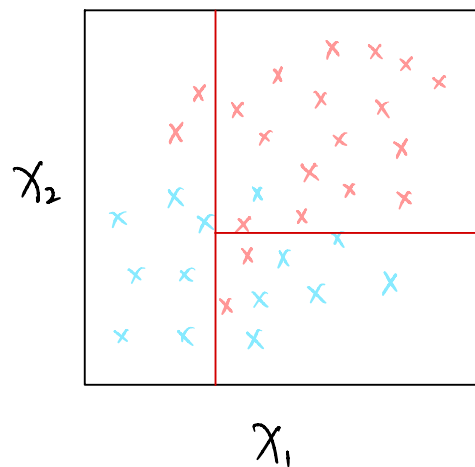
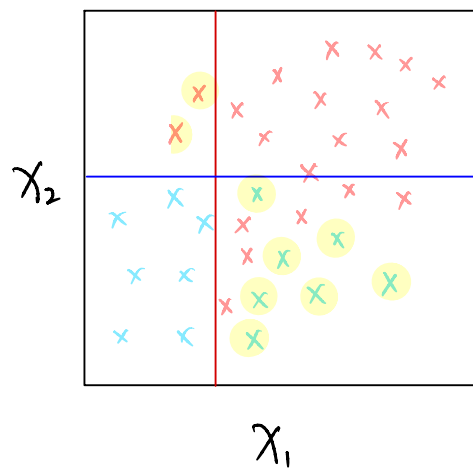


A single decision tree with two splits



vs.

Average of two stumps



$$\frac{1}{2} \left(\text{red stump} + \text{blue stump} \right)$$

The equation shows the average of two stumps. The first stump is a red vertical split on x_1 , and the second stump is a blue horizontal split on x_2 . A yellow circle is placed above the second stump.