

# SML

## Practice

Given a train dataset  $D = \{(x_1, x_2, y)\} = \{(0, 0, 1), (2, 0, 1), (0, 1, 1), (1, 1, 0), (2, 2, 0)\}$ , find the tree with 3 nodes. You can choose to split each dimension at two different points, say at 0.5 and 1.5. Find the class of sample  $(0.75, 1.25)$ .