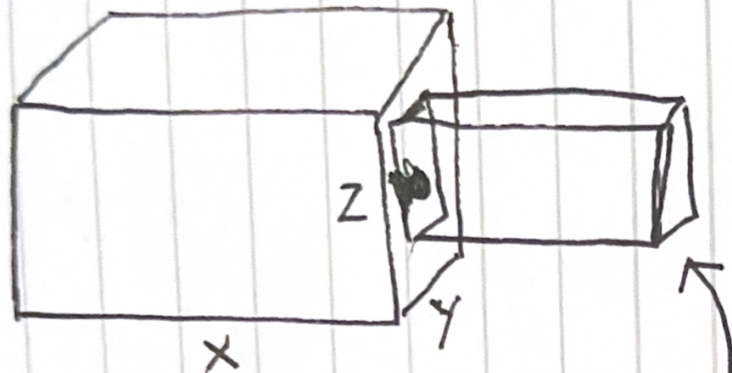


$$0.5 \leq x \leq 0.8 \quad 0.2 \leq y \leq 0.4 \quad 0.2 \leq z \leq 0.4$$

$$p(1 \text{ branch}) = 0.5$$

①



$$p(x) = 0.4$$

direction = y
 $p(y|x) = 0.3$

②

$$\begin{aligned} 0.2 \leq x, z \leq 0.4 \\ 0.5 \leq y \leq 0.8 \end{aligned}$$

direction = x

direction = z

$$p(2 \text{ branch}) = 0.25$$

$$0.5 \leq z \leq 0.8$$

$$0.2 \leq y \leq 0.4$$

$$0.2 \leq \cancel{x} \leq 0.4$$

$$p(z|x) = 0.3$$