$$\frac{N_0}{N_1} \quad \text{odds}$$

$$P(N_0) = \frac{N_0}{N_0 + N_1}$$

$$1 - \frac{1}{6}$$

$$\cancel{1}$$

$$\frac{5}{6}$$

$$\frac{5}{6}$$

$$odds \quad \frac{P(1)}{P(\bar{1})} = \frac{1/6}{5/6} = \frac{1}{5}$$

$$P(\leq 3) = \frac{2}{6} < \frac{1}{3}$$
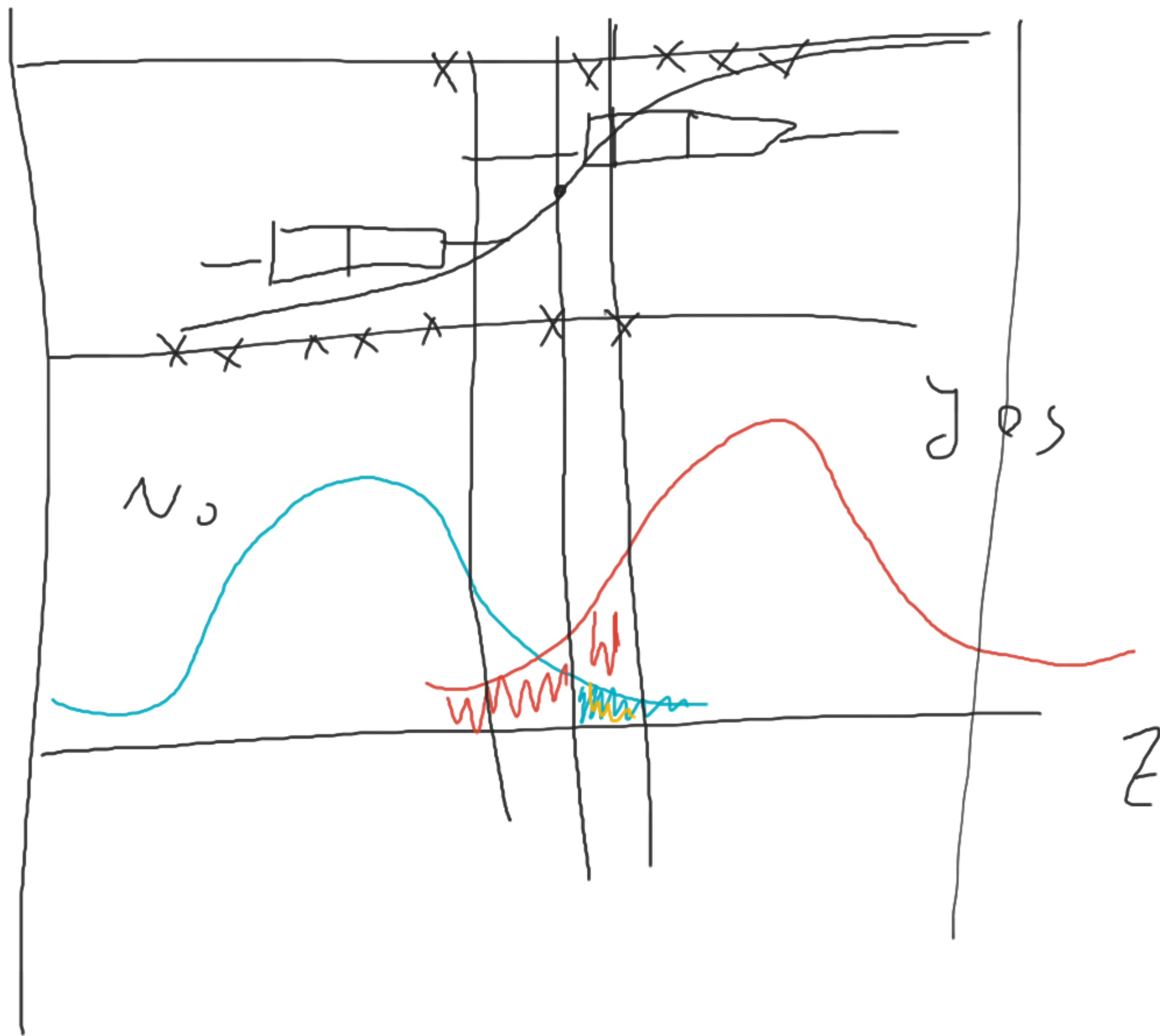
$$\frac{P(\leq 5)}{1 - P(\leq 5)} = \frac{1}{2}$$

$$P(\geq 3) = \frac{4}{6} = \frac{2}{3}$$
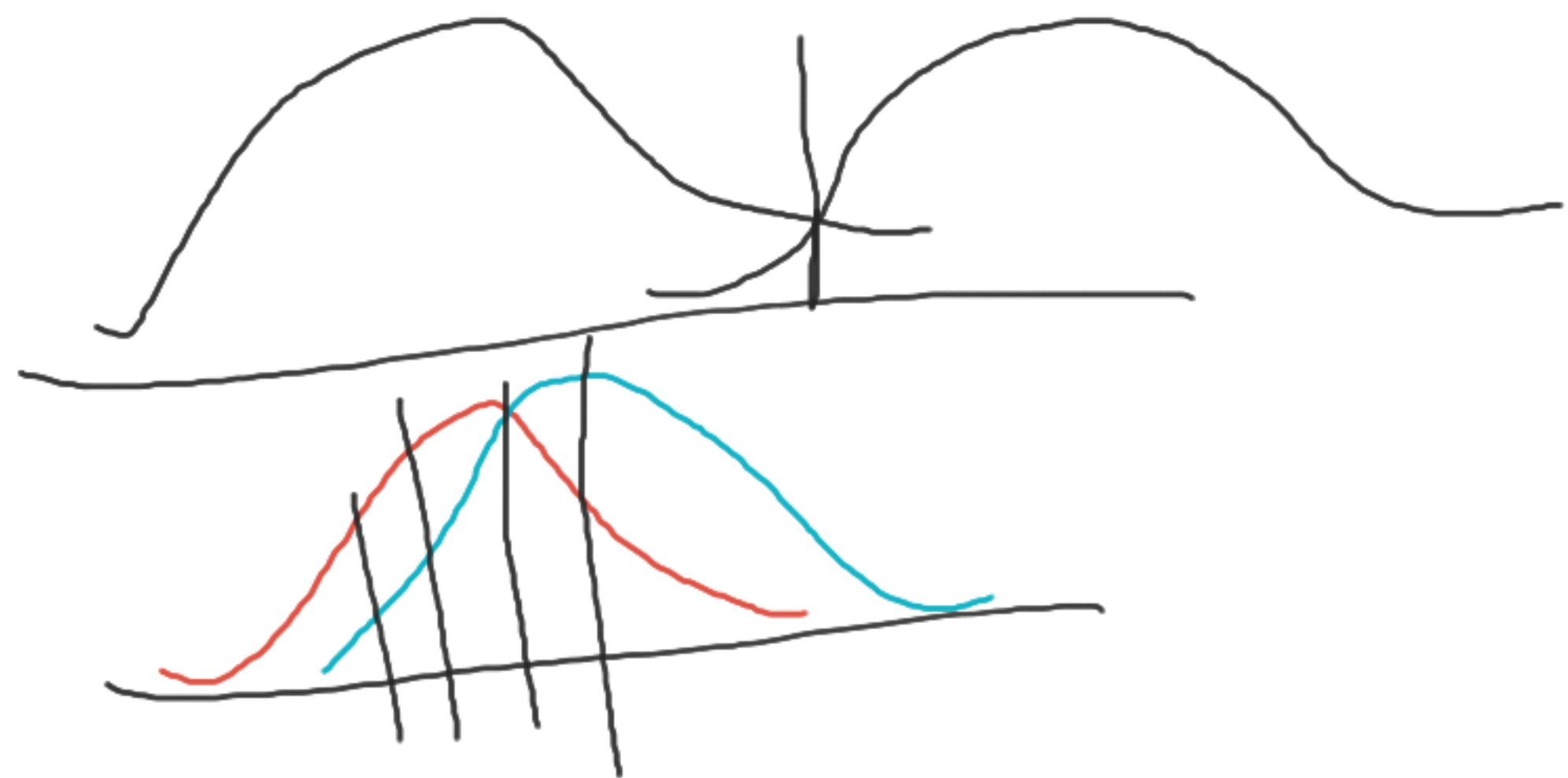
O v O          $$\frac{n(n-1)}{2}$$

O v A          $n$
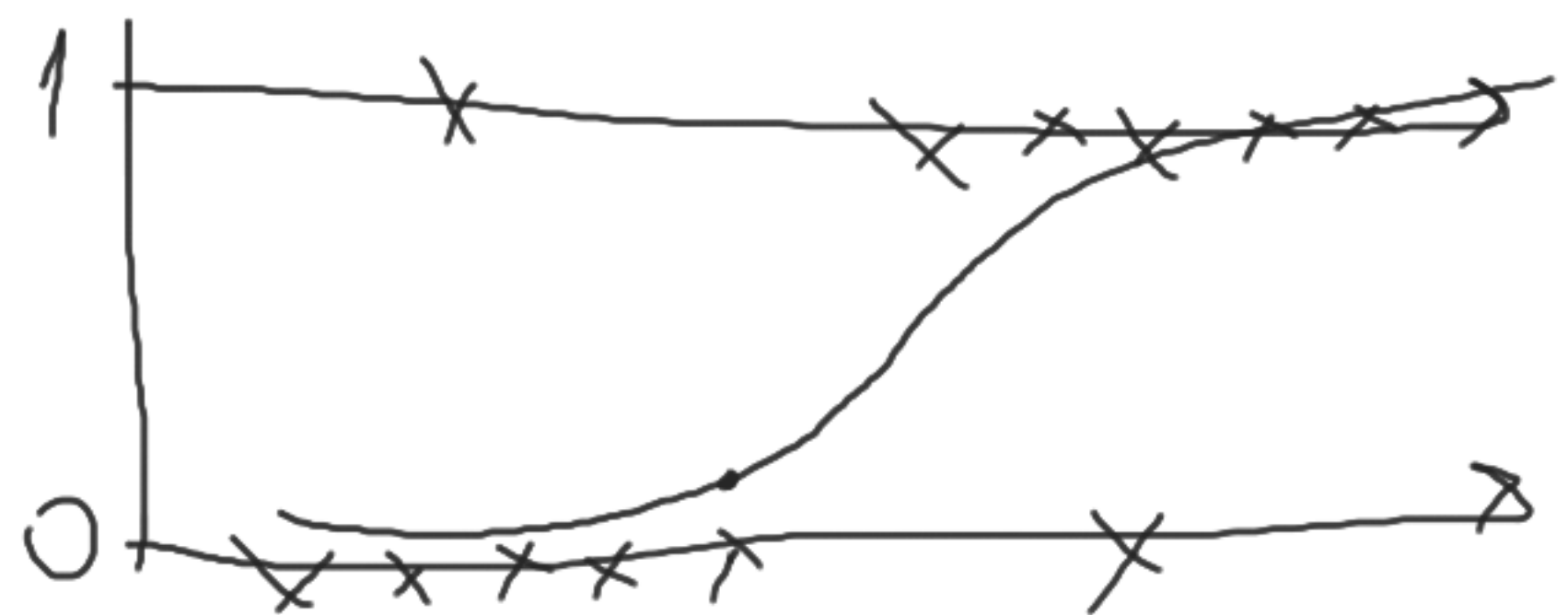
Yes

No

Z

fpr  tpr

$0,6$

$0,2$   ...

$0,2$   ...

$0,4$   ...

$0,4$

$0,15$

$$X_1 \quad V_2 \quad \ldots \quad X_n \rightarrow$$

$$Z = \beta_0 + \beta_1 X_1 + \cdots \beta_n X_n$$

$$f(z) = \frac{1}{1 + e^{-z}} = \frac{e^z}{e^z + 1}$$



| 0 | Precision | recall |
|-------|-----------|--------|
|       |           |        |
| 0,75  |           |        |
| 0,5   |           |        |
| 0,75  |           |        |