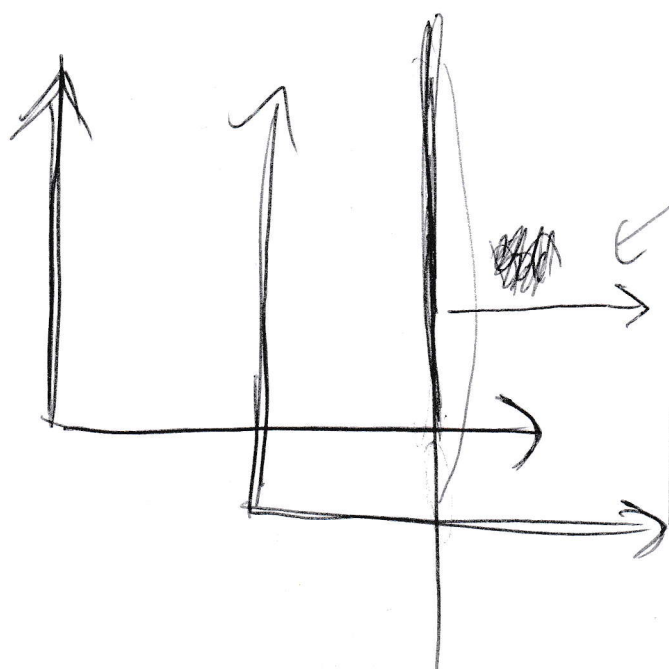
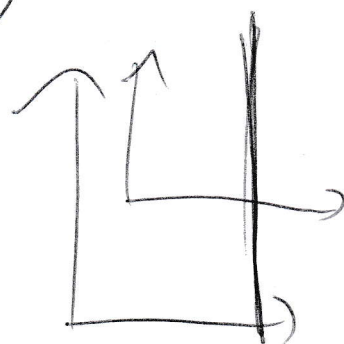


$$\frac{P(Y \in D \cap I | Y_i = y)}{P(Y \in D | I, Y_i = y)}$$

$$P(Y \in D | I, Y_i = y)$$

really want $P(Y \in D | I, Y_i = y)$



$$= D | Y_i = y$$