

$$\text{I} \quad E(X|Y) = ?$$

$$\text{I} \quad E(X|Y=k) \xrightarrow{\text{mean}} = \sum_i x_i P(X=x_i|Y=k)$$

$$\text{II} \quad E(X|Y) \longrightarrow \text{мысл. бер. значения от } Y = g(Y)$$

$E(X Y)$	$E(X Y=y_1)$	$E(X Y=y_2)$	---
	$P(Y=y_1)$	$P(Y=y_2)$	---