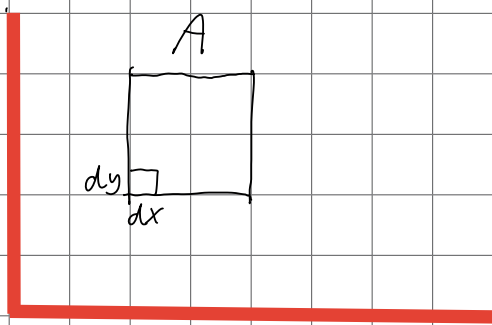


## Bedinget pmf

$$f_{Y|X}(x|y) = \frac{f_{(X,Y)}(x,y)}{f_X(x)}, \quad f_{X|Y}(x|y) = \frac{f_{(X,Y)}(x,y)}{f_Y(y)}$$

## Kontinuert (X,Y)

Simultane pdf



$$P((X,Y) \in A) = \iint_A f_{X,Y}(x,y) dx dy$$

$$f_{(X,Y)}(x,y) \geq 0$$

$$\iint_{\mathbb{R}^2} f_{(X,Y)}(x,y) dx dy = 1$$

