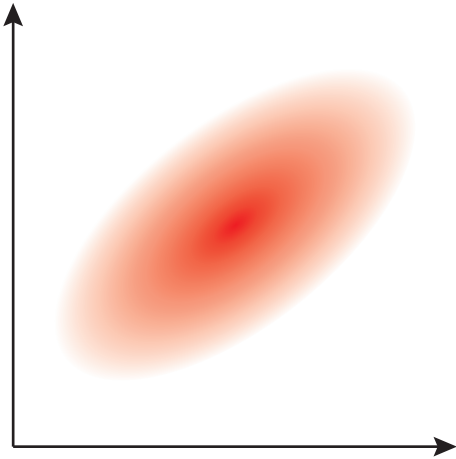
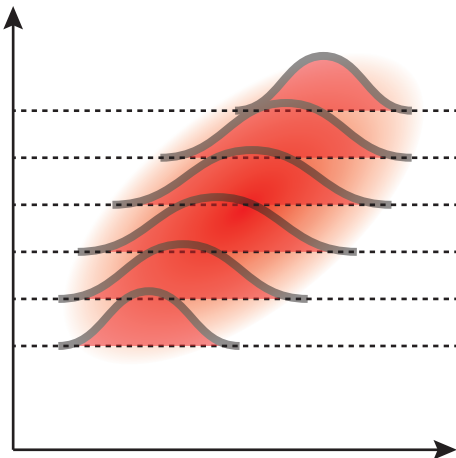


joint distribution



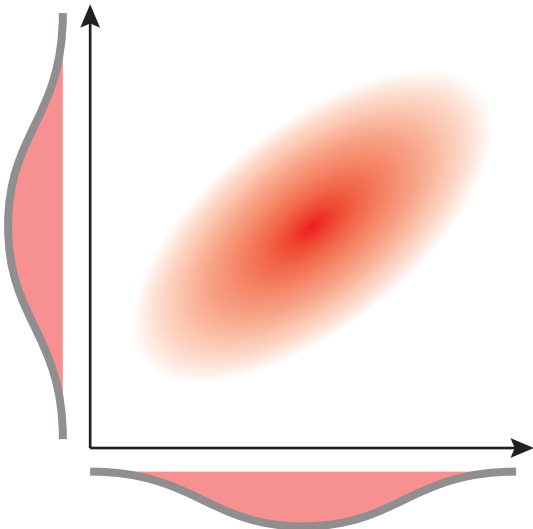
The “co-distribution” of  $x$  and  $y$ .

conditional distribution



The probability distribution of  $x$ ,  
given that we know the value of  $y$ .

marginal distribution



The density of  $x$ - (or  $y$ -) values,  
without knowing the other's value.