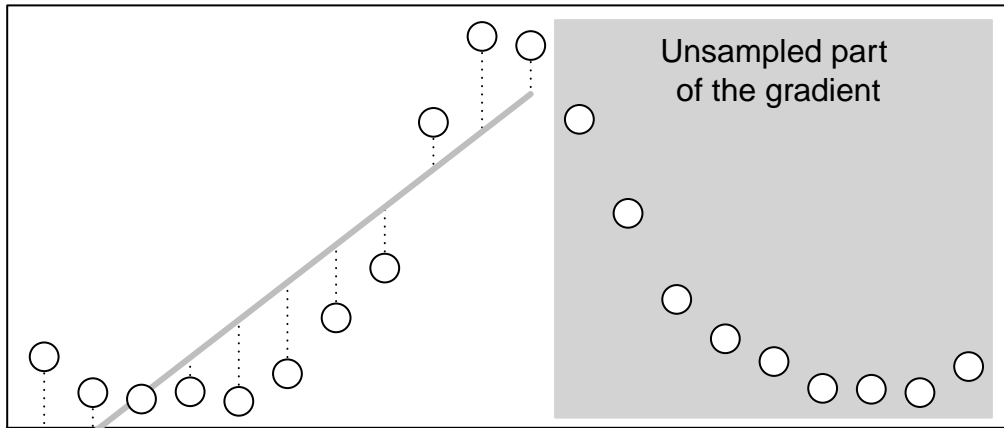


Abundance of the  $j$ -th species ( $y_{ij}$ )



$k$ -th environmental gradient ( $x_{ik}$ )