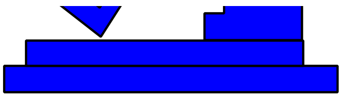
allele f

$$(\vec{n}, \bar{y}$$



frequencies: n_L^a, n_U^a n_L^A, n_U^A

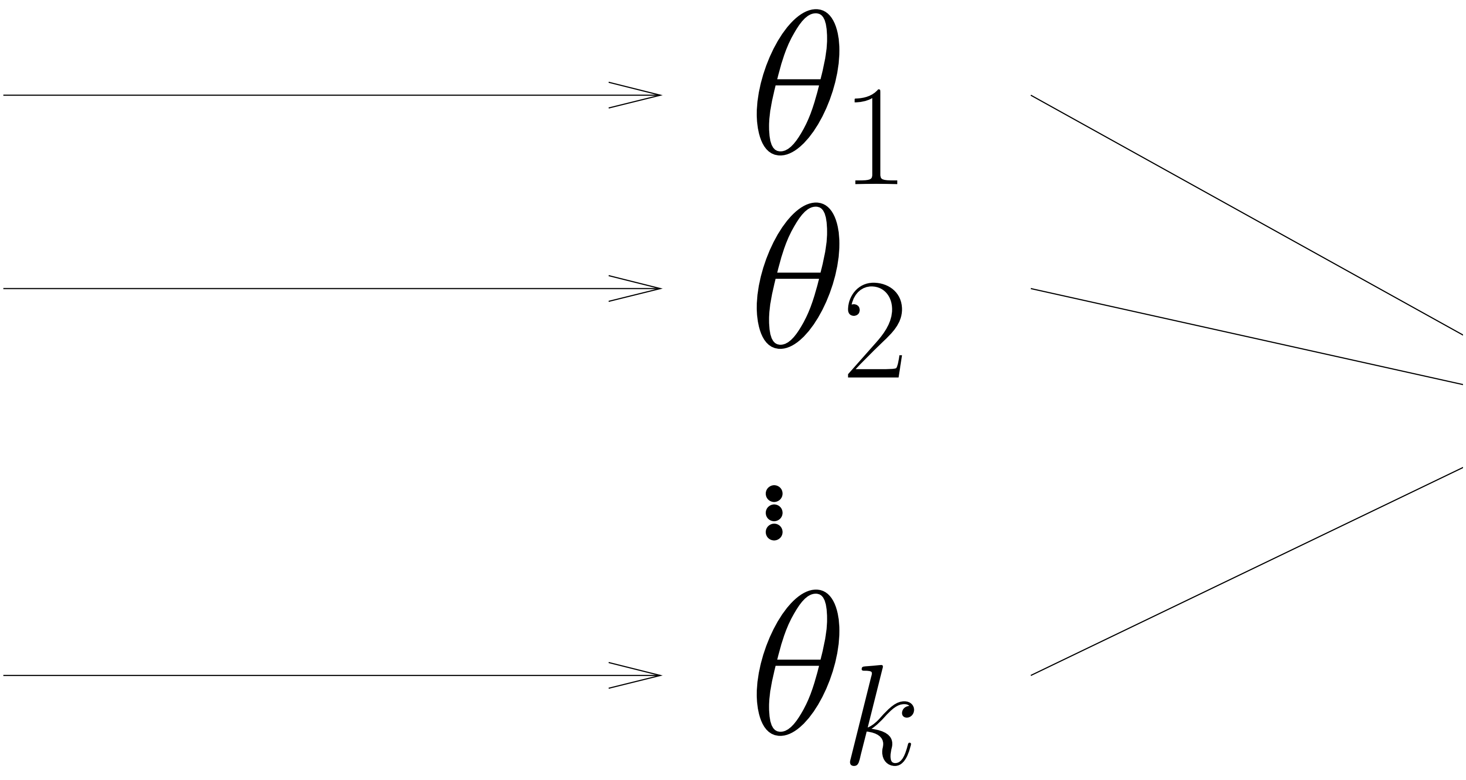
$\vec{y})$

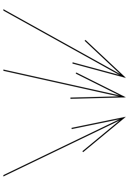
$$(\vec{x}_1, \vec{y})$$

$$(\vec{x}_2, \vec{y})$$

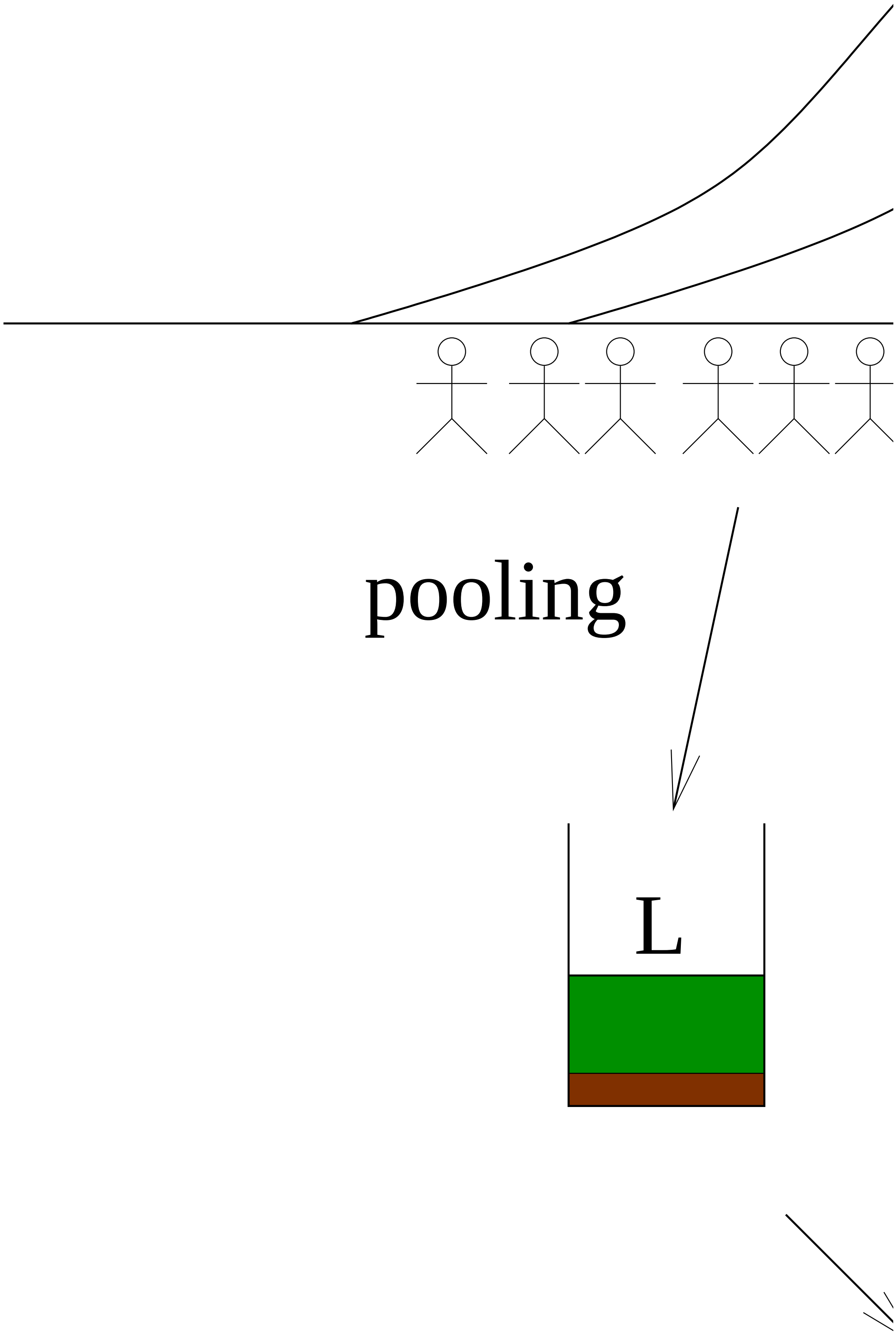
$$\vdots$$

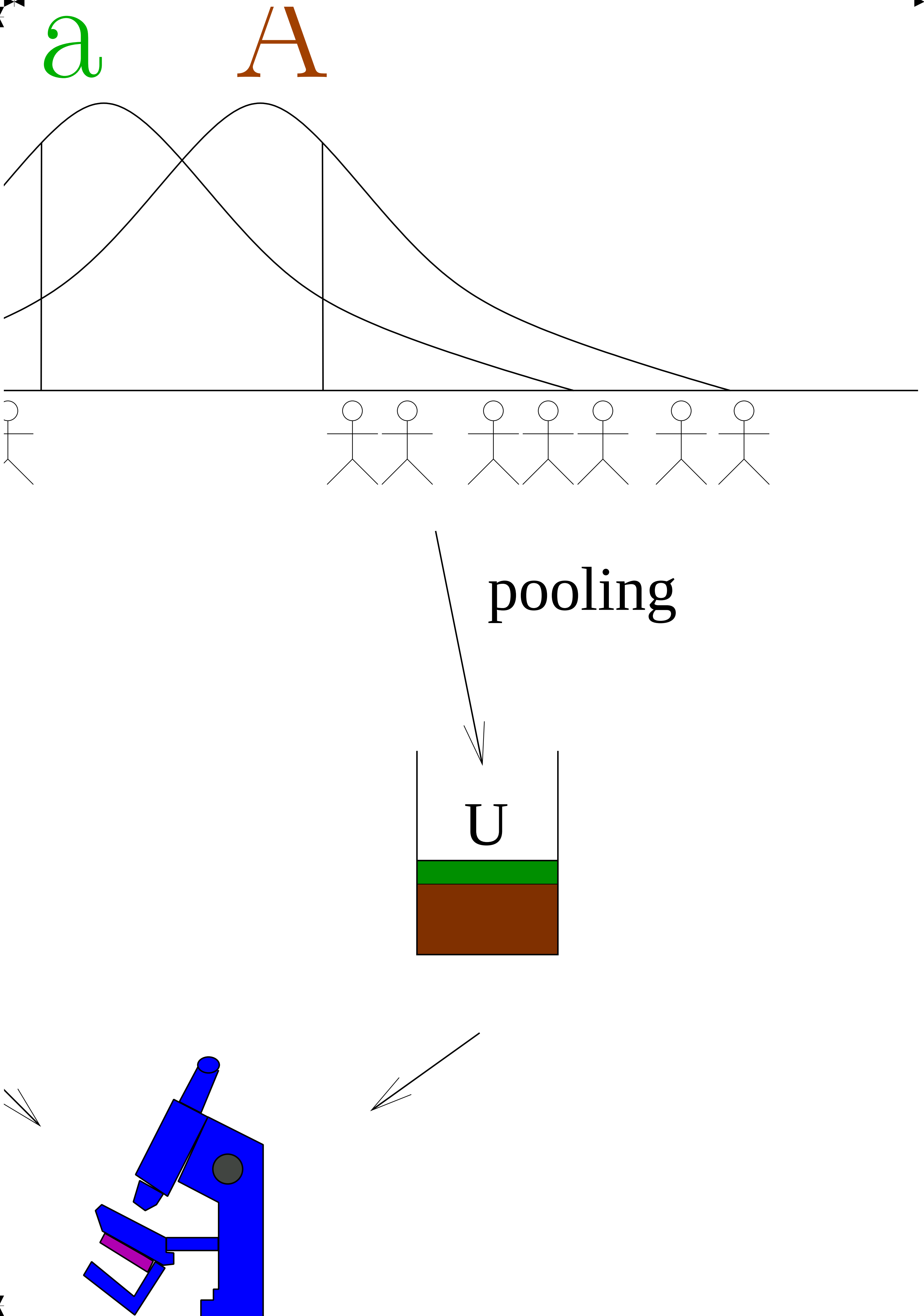
$$(\vec{x}_k, \vec{y})$$


θ_1
θ_2
$\vdots$
θ_k



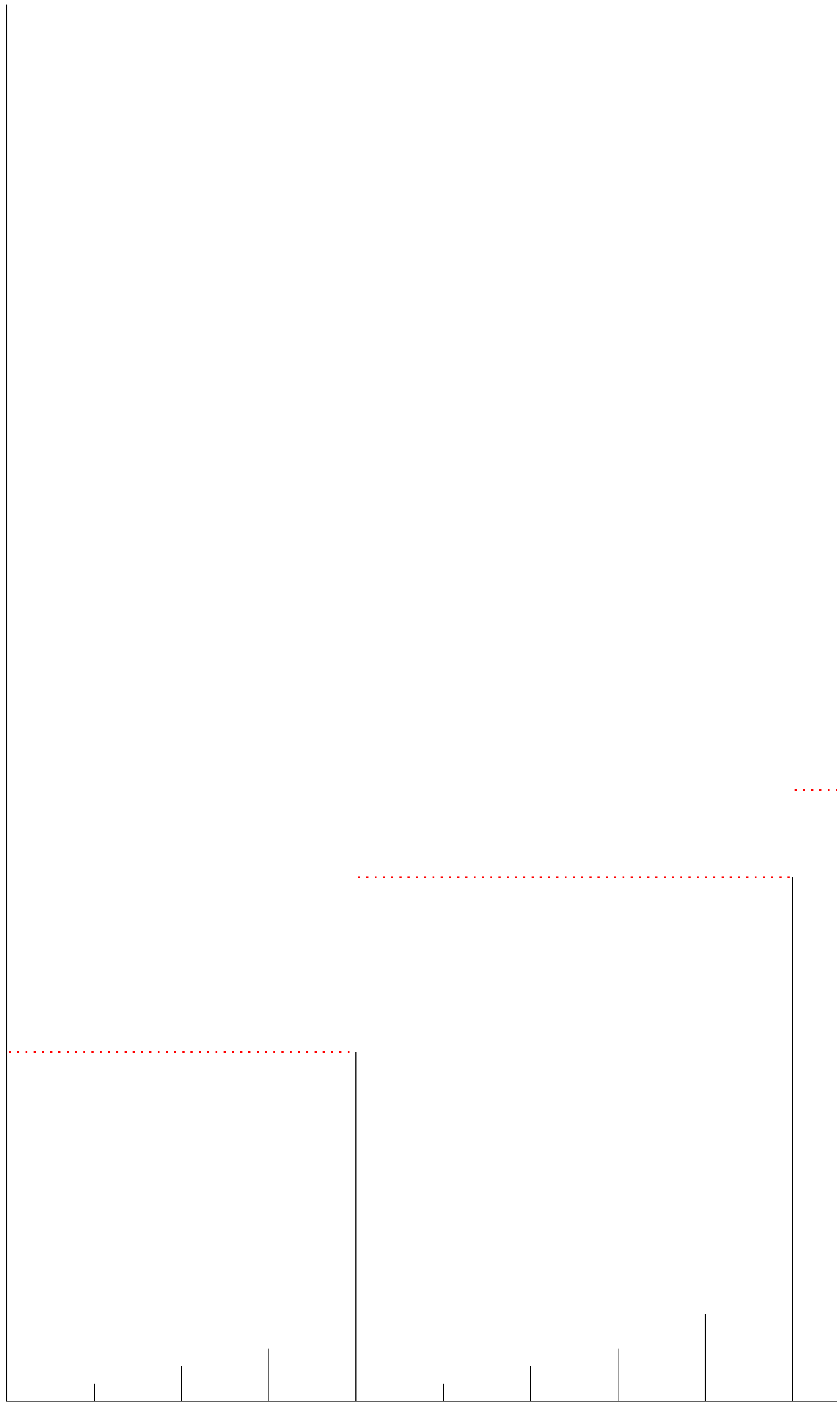
$$\hat{\theta}$$


pooling
L

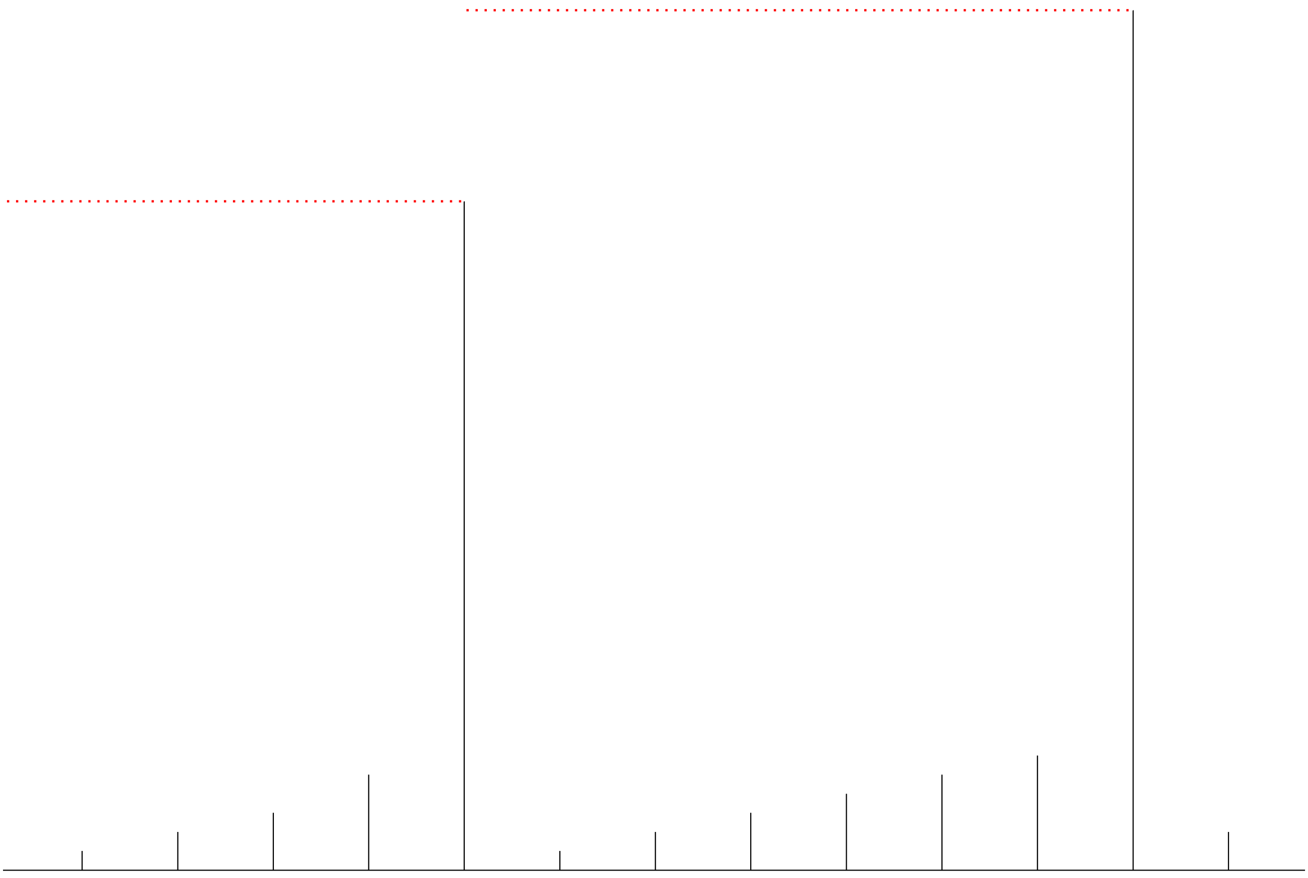


Grid (2 , 2)

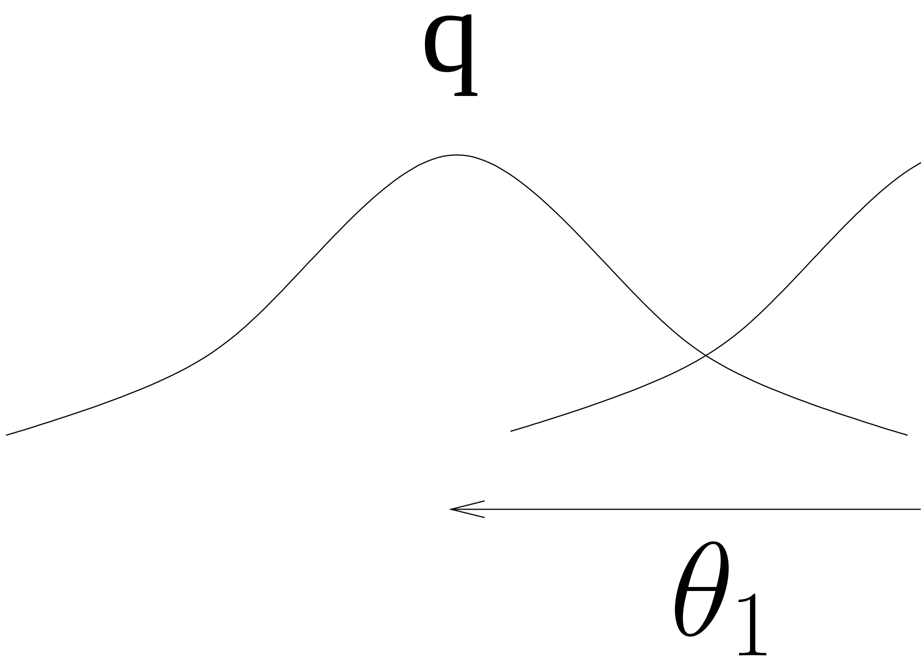
probability



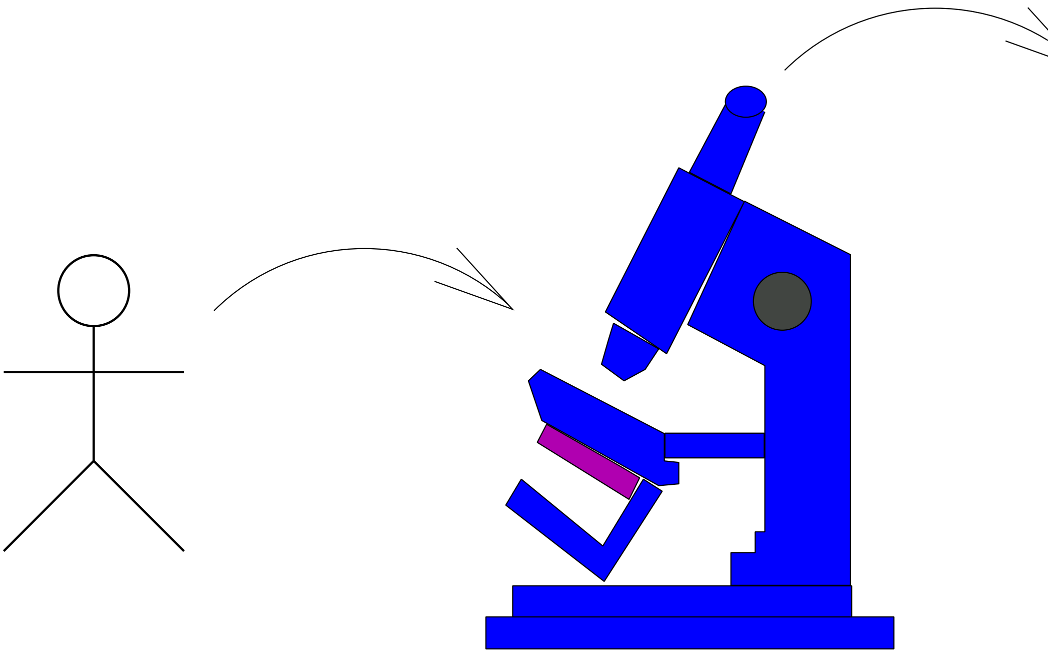
any orderi



ing of genotypes



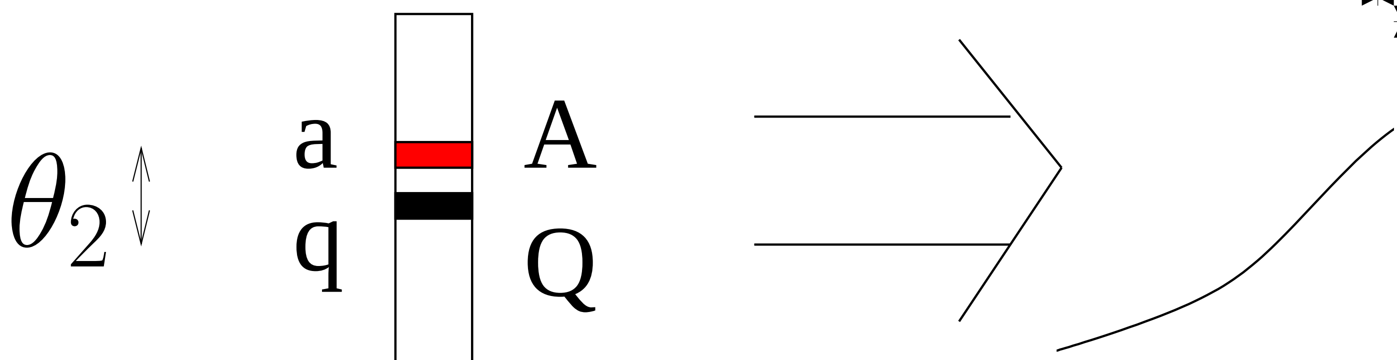
Marker:



Q

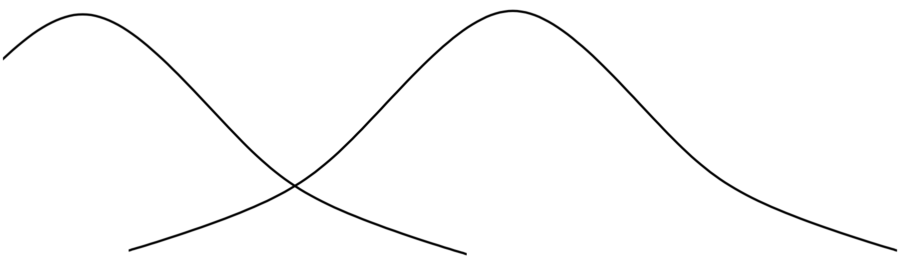
genotype

A, a, B, b, ...



$$\theta = (\theta_1, \theta_2)\text{: effect a}$$

parameters

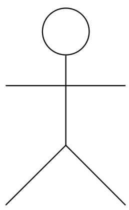


and location,
s to estimate

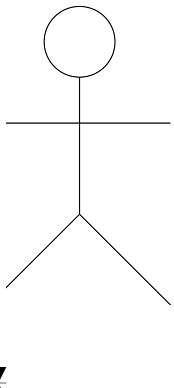
Pooled g

Types of genes

Quantigene:

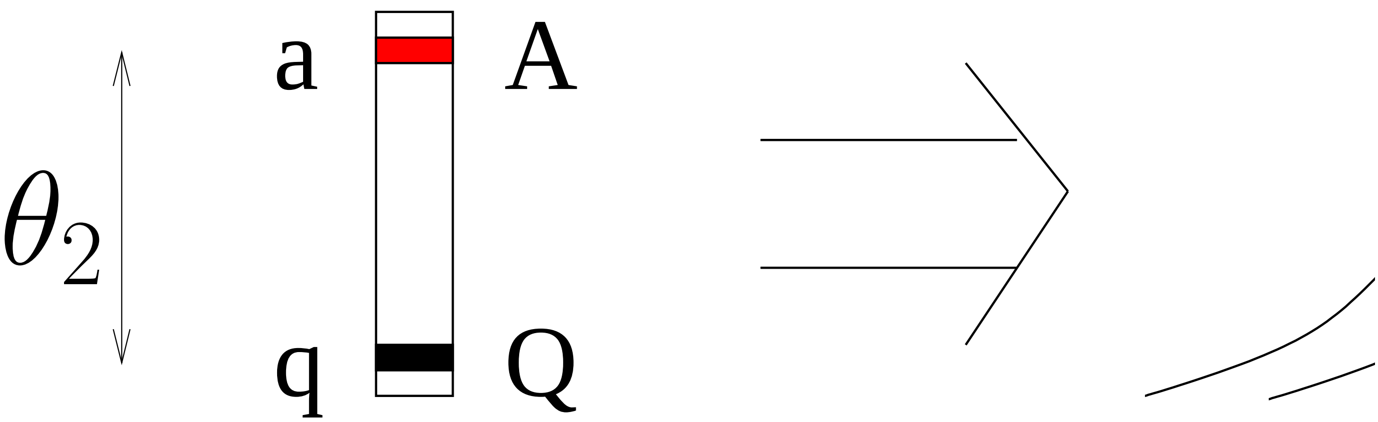


genotyping

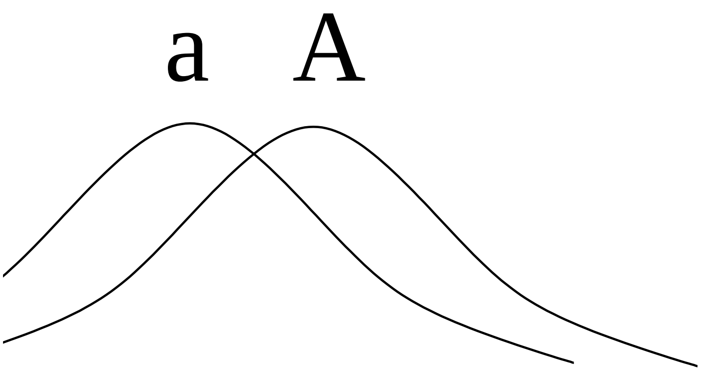


for linkage

Linkage



e analisis



a A

Grid (4 , 4)