

Reference Population

Observations



Animal 1



y1

Animal 2



y2

⋮

⋮

Animal N



yN

SNP1

SNP2

...

SNPk

SNP1

SNP2

...

SNPk

SNP1

SNP2

...

SNPk

Estimate Marker Effects

q1

q2

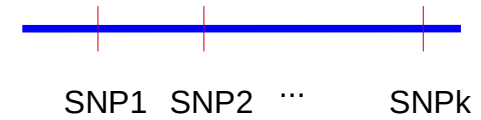
...

qk

Animal N+1

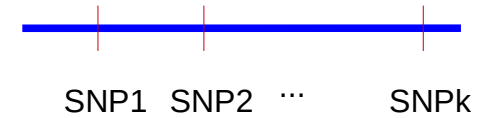


Animal N+2



⋮

Animal N+M



Genomic Breeding Values