

Reference Population

Observations



Animal 1



y1

Animal 2



y2

⋮

⋮

Animal N



yN

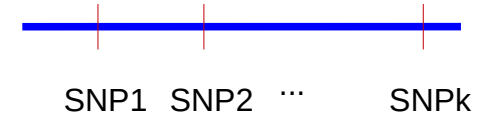
a1

a2

...

ak

Young Bull



Use SNP-effects to
Predict GEBV for
young bull

Estimate SNP-effects using a Marker Effect Model