## From Sire Model to Animal Model

a Sire model provides predicted breeding values only for sives.

a sire model only accourts for relationships between

a New: Animal model prolick breeding belows for all animals in the pedigree.

Takes into account all relationships between animals

a BLUP. Animal Model:

y-XB+Zu+e unknown for all animals in the pedigree

- Z: design matrix linking observations to breeding beauty

other components: some as sire model