

□ Correct ranking for selecting parents is based on breeding values ( $u_i$ ) (4)

□ But breeding values cannot be observed or measured

⇒ Use statistical modelling to predict breeding values based on available information.

□ Available information :

traditional Pedigree BLUP	[	Up until 2006 :	• phenotypic record • Pedigree (Stamm baum)
Genomic Breeding values		Starting with 2006/7 :	additional genomic information