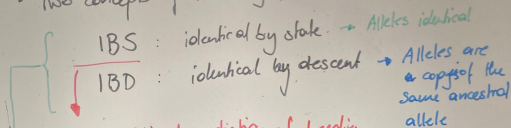


Recap:

- Two concepts of identity:



For traditional prediction of breeding values only IBD-relations are considered (Only with phenotypic observations and pedigree data; without SNPs)

Genomic prediction of breeding values, IBS relations are also taken into account.

Data with SNP information on selection candidates

- Quantity to characterize IBD-relations:

→ Coancestry or coefficient of kinship

Definition: Probability of alleles in two individuals being identical by descent.

Example:

