□ Problems

- Regression methods can only use one type of data (either rown performance
  • repeated records or
  • progeny records)

- Traits like : • weight
              • birth traits } We would like to combine all three types of data

- Traits like : milk
             ⋮   } combination of methods 2 and three

□ Do not account for diferences in environmets

□ Do not consider ancestral relationships between animals

⟹ Develop a method that is flexible to take into account all of the above problems.