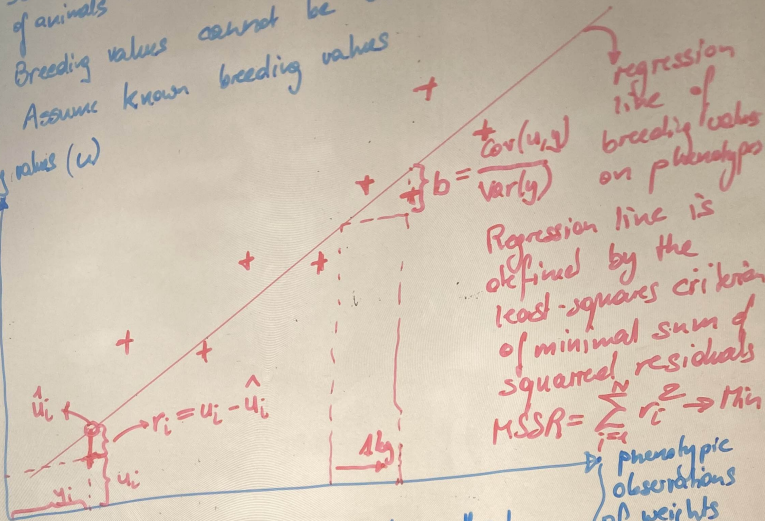


- Selection of parents is based on breeding values
- Breeding values cannot be observed
- Assume known breeding values

Breeding values (u)



- Points (+) cannot be randomly scattered in the above plot because of the relationship between u_i and y_i given in the genetic model: $y_i = \mu + u_i + e_i$

phenotypic observations of weights at 100 days y