a Salution to Bias : Problem in selection index was found when BLUP method was invested: B: Best -> error (prodiction error warrance) uninited Linear -> linear combination of older u: unbiased - expeded water Elujau P: Prediction -> Bruding values are treated as random effects, in Explish / American likeahue, he kan prediction is always used for random effects, whereas for 'vorhersage' fixed effects, the kom "estimation" is wed = D BLUE Prediction of breeding values (Buchtwartschafty) a BLUP uses Linear Models - Simple linear fixe effect model (Ziel grasse) - Example: In example data set: > Herd / (Sex), Animal, Sive, olam as predictor variables (bescheibude Variable) Jij = u + herdj + e j what is the effect of the hard on the response