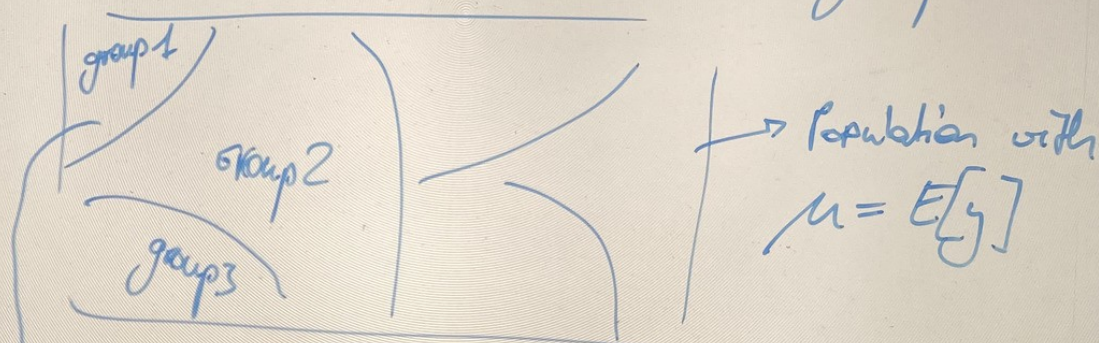


Problem II: Correction of observations

(7)

- How to get from $y_i \rightarrow y_i^*$?
- So far correction was done by population mean μ . For observations from different time points and different environments the correction by a single value is not appropriate.
- First solution: Divide population into comparison groups



$$\mu_1 = E[y_{in\ group\ 1}] \Rightarrow \hat{u}_{11} = b(y_{11} - \mu_1)$$

Cattle "Leistungspunkte": groups were formed according to herds.

Pigs: Index on testing station (1990 ies)

Bias