☐ Meaning:

individual reliabilities (B_i) make statement about potential risk when using i as parent.

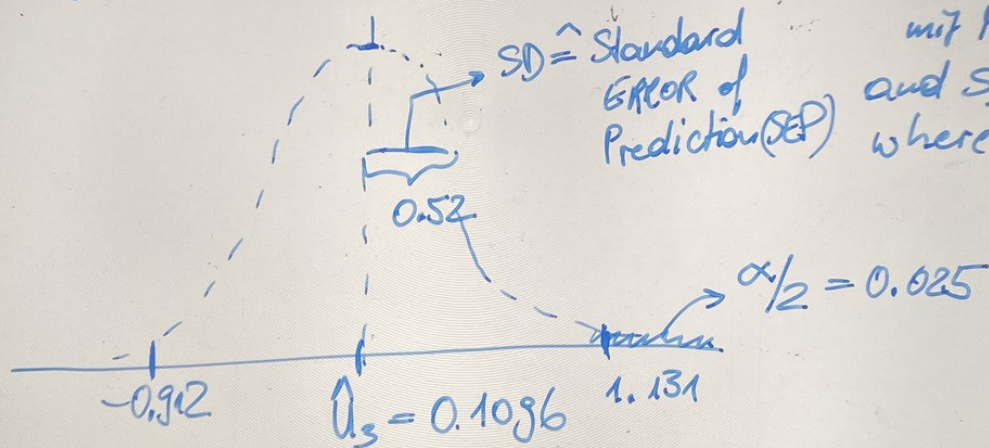☐ Analyse conditional distribution $f(u/\hat{u})$

E.g. animal 3 : $\hat{u}_3 = 0.1096$

$\Downarrow$

Normal verteilt mit Mean = $\hat{u}$ and SD = SEP where SEP = $\sqrt{PEV}$

$SD \hat{=}$ Standard ERROR of Prediction (SEP)

0.52

$\alpha/2 = 0.025$

-0.912 $\hat{u}_3 = 0.1096$ 1.131

☐ Confidence Interval : $(95\%) \Rightarrow \alpha = 0.05$

low: $\hat{u}_3 - 1.96 \cdot SEP =$

upper $\hat{u}_3 + 1.96 \cdot SEP =$