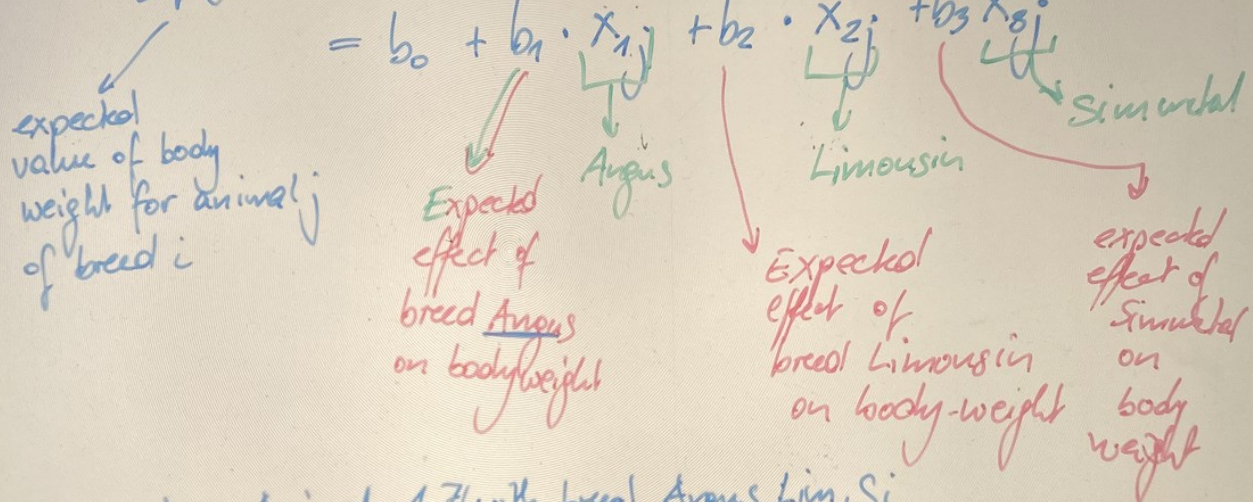


(2)

□ Model : Instead of just one regression-factor for breed with $E(y_i) = b_0 + b_1 \cdot x_i$ we have separate x-variables for every breed-level

$$\Rightarrow E(y_{ij}) = b_0 + b_1 \cdot 1 + b_2 \cdot 0 + b_3 \cdot 0$$



□ Dataset : Animal 4, 7 with breed Angus, Lim, Si

Animal 4 $E(y_{11}) = b_0 + b_1 \cdot 1 + b_2 \cdot 0 + b_3 \cdot 0$

Animal 7 $E(y_{27}) = b_0 + b_1 \cdot 0 + b_2 \cdot 1 + b_3 \cdot 0$

Animal 6 $E(y_{36}) = b_0 + b_1 \cdot 0 + b_2 \cdot 0 + b_3 \cdot 1$