

is called FACTOR. Factors are important when using data in a linear model.

- In R versions older than 4.0 it was the other way around
⇒ default: `stringsAsFactors = TRUE`

Recap: • Genetic Model: $y = \mu + u + e$
to decompose phenotypic observation y .

- Fixed Linear Effect Model (Regression Model)

$$y = \mu + \beta + e \rightarrow \text{random error term}$$

fixed effect

Example: What different factors influence clinical mastitis (CM) in sows?

Dataset:

Sows	CM	Length of lactation interval	...
1	yes		
2	no		
3	no		
4	yes		
⋮	⋮		
N	yes		