

State factors

Experience and workmanship of stockmen and experimenters

State and health of the experimental animals

Time of testing, day-night rhythm, season

Test conditions, previous test experience of the model animal

Factors that can affect the results of animal experimental studies

Strain, subline, genetic background, gender, age

Level of measurement (nominal, ordinal, interval, ratio), distribution, variability; missing values, outliers

Development: rearing conditions, housing conditions, social hierarchy

Data acquisition: level of automation, technical state and calibration of test equipment

Trait factors of the model animal

Technical factors