

Experimental design

Advanced Statistics and Data Analysis

Davide Risso

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Experimental design

! Quote

“To consult the statistician after an experiment is finished is often merely to ask him to conduct a post mortem examination. He can perhaps say what the experiment died of.”

R.A. Fisher

Confounding

Power gain of blocking

Nested designs

Levels of replication

Sample size and power

Here we need a lot of examples / labs.