Automatic report for a Completely Randomized Design (CRD)

International Potato Center

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# 1. Model specification and data description

There are data from 2 treatments evaluated using a completely randomized design. The statistical model is

where

* is the observed response with treatment and replication .
* is the mean response over all treatments and replications.
* is the effect for treatment .
* is the error term.

In this model we assume that the errors are independent and have a normal distribution with common variance, that is, .

# 2. Analysis for trait 1:Rice\_Grain\_Plant\_density\_plant\_hill

There are only two treatments . Use a t-test to compare them.