Automatic report for a MET with a RCBD

International Potato Center

October 18, 2019

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# 1. Model specification and data description

The data frame has 4 environments and 10 genotypes. In each environment the genotypes were evaluated using a randomized complete block design with 1 blocks. The statistical model is

where

* is the observed response with genotype , environment , and block nested in environment .
* is the mean response over all genotypes, environments and blocks.
* is the effect for genotype .
* is the effect for environment .
* is the interaction effect between genotype and environment .
* is the effect of block nested in environment .
* 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 Weight of vines measuring kg per plot|CO\_331:0000227

There is only one replication. Analysis is not possible with one replication.