

## Rooting of Hibiscus

**Key words:** Factor structure.

## Description

The data origin from an experiment investigating the effect of conductivity in the water bath on the rooting of Hibiscus. There were 16 water baths, four for each of the four levels of conductivity: 0.5, 1.0, 1.5 and 2.0 micro-Siemens per square meter (coded as 1, 2, 3, 4 in the data set). There were 10 cuttings of each of two varieties (Red rosa-sinensis, and Holiday) in each water bath, but only data from the latter two varieties are used here. The 30 cuttings were placed at random in the water bath. For each cutting the number roots (`rootno`) and the weight of roots (`rootwt`) were registered after 28 days. The four conductivity treatments were randomized on the 16 water baths.

Number of observations: 320

Variable	Description
variety	Values h,r
bathno	Numbered 1-16
conduct	Numbered 1-4
rootno	Number of roots on the cutting
rootwt	Weight of the roots on the cutting

## Source

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## Analysis

Split-plot for each of the two variables.