Basic Inferential Data Analysis

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Overview

The purpose of this report is to document an exploratory analysis of the ToothGrowth dataset.

Raw Data

The raw data is the ToothGrowth dataset provided in the R datasets package. This is a data frame which contains data of an experiment to explore the effectof Vitamin C on Tooth Growth in guinea pigs.

The dataset comes with the following description:

The response is the length of odontoblasts (cells responsible for tooth growth) in 60 guinea pigs. Each animal received one of three dose levels of vitamin C (0.5, 1, and 2 mg/day) by one of two delivery methods, orange juice or ascorbic acid (a form of vitamin C and coded as VC).

Data Summary

Data Structure

Data Visualisation

