Acupuncture for Treatment of Lower Back Pain

RCT Study

Dr. Liem

Invalid Date

Table of contents

[1.1. 0.1 Abstract 1](#_Toc195001884)

[1.2. 0.2 Methods 1](#_Toc195001885)

[1.3. 0.3 Results 1](#_Toc195001886)

[CHƯƠNG 2: 1. Dataset 1](#_Toc195001887)

[CHƯƠNG 3: 2. Table 1](#_Toc195001888)

## 0.1 Abstract

In this study, we analyze the efficiency of acupuncture for treatment of lower back pain compared to a control group receiving sham acupuncture in a randomized controlled trial (RCT) (Do, 2017).

## 0.2 Methods

Participants were randomly assigned to receive either real acupuncture (treatment group) or sham acupuncture (control group). Pain levels were measured using the Visual Analog Scale (VAS) before and after treatment.

## 0.3 Results

library(dplyr) library(ggplot2) library(flextable)

# 1. Dataset

df <- data.frame( Name = c(“patient 1”, “patient 2”, “patient 3”, “patient 4”, “patient 5”, “patient 6”), Group = c(“treatment”, “control”, “treatment”, “treatment”, “control”, “control”), VAS\_Pre = c(9, 8, 7, 6, 7, 5), VAS\_Post = c(4, 7, 3, 2, 6, 4) ) %>% mutate(VAS\_Change = VAS\_Pre - VAS\_Post)

# 2. Table

flextable(df) |> set\_caption(“VAS Scores Before and After Treatment”) |> theme\_booktabs() |> autofit()

Do, T. L. (2017). Acupuncture for treatment of pain. *Acupuncture*