

chi-sqaure-test.R

Author: Journii Hilliard

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Purpose: Test the chi-square analysis

```
# Load dummy dataset
```

```
data_frame <- read.csv("https://goo.gl/j6lRXD")
```

```
# Print data
```

```
table(data_frame$treatment, data_frame$improvement)
```

```
# Apply Chi-square function to check the difference between treatment and improvement
```

```
chisq.test(data_frame$treatment, data_frame$improvement, correct = FALSE)
```

```
# Output:
```

```
# Pearson's Chi-squared test
```

```
#
```

```
# data: data_frame$treatment and data_frame$improvement
```

```
# X-squared = 5.5569, df = 1, p-value = 0.01841
```