# Statistical Methods

Demographic and clinical characteristics were compared using two-sample t-tests, Wilcox rank-sum tests, and chi-square tests for continuous, non-normally distributed continuous and categorical variables. Significance was set at 0.05. R version 3.1.1 software (R Foundation for Statistical Computing, Vienna, Austria, <http://www.R-project.org/>) and rmarkdown: Dynamic Documents for R. R package version 0.3.3. <http://CRAN.R-project.org/package=rmarkdown> were utilized.

Results presented are based on the dataset R Built-in Iris.

# Results

## Descriptive

**Table 1. Demographic and Clinical Characteristics**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable | All (n=150) | Setosa (n=50) | Versicolor (n=50) | Virginica (n=50) | P Value |
| Sepal Length | 5.84±0.83 | 5.01±0.35 | 5.94±0.52 | 6.59±0.64 | <0.0001 |
| Petal Length | 3.76±1.77 | 1.46±0.17 | 4.26±0.47 | 5.55±0.55 | <0.0001 |
| Sepal weight | 3.06±0.44 | 3.43±0.38 | 2.77±0.31 | 2.97±0.32 | <0.0001 |
| Petal Width | 1.2±0.76 | 0.25±0.11 | 1.33±0.2 | 2.03±0.27 | <0.0001 |
| Sepal Length | 22 (15%) | 20 (91%) | 1 (5%) | 1 (5%) | <0.0001 |
| \*Median and IQR |  |  |  |  |  |

**Table 2. Demographic and Clinical Characteristics**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | All (n=100) | Versicolor (n=50) | Virginica (n=50) | P Value |
| Sepal Length | 6±1 | 6±1 | 7±1 | <0.0001 |
| Petal Length | 5±1 | 4±0 | 6±1 | <0.0001 |
| Sepal weight | 3±0 | 3±0 | 3±0 | 0.0018 |
| Petal Width | 2±0 | 1±0 | 2±0 | <0.0001 |
| Sepal Length |  |  |  | 1 |
| <5 | 98 (98%) | 49 (50%) | 49 (50%) |  |
| >=5 | 2 (2%) | 1 (50%) | 1 (50%) |  |

\*Median and IQR

**Table 3. Demographic and Clinical Characteristics**

|  |  |
| --- | --- |
| Variable | All (n=50) |
| Sepal Length | 5±0.4 |
| Petal Length | 1.5±0.2 |
| Sepal weight | 3.4±0.4 |
| Petal Width | 0.2±0.1 |
| >=5 | 20 (40%) |

\*Median and IQR