

SOC 4930/5050: Week 03 Functions Quick Reference

Christopher Prener, Ph.D.

September 11th, 2017

Packages

- `base`
- `stats`

Tables

Basic Table

`base::table(dataFrame$var)`

Proportion Table

`base::prop.table(table(dataFrame$var))`

Descriptive Statistics

Median

`base::median(dataFrame$var)`

Mean

`base::mean(dataFrame$var)`

Mean, Median, and Quartiles

`base::summary(dataFrame$var)`

Variance

`stats::var(dataFrame$var)`

*Descriptive Statistics (con't)**Standard Deviation*

```
stats::sd(dataFrame$var)
```

Range

```
base::range(dataFrame$var)
```

Inter-quartile Range (IQR)

```
stats::IQR(dataFrame$var)
```