

## Table of contents Refresher course Statistics

### 1. Charts and descriptive statistics

- 1.1. Types of variables
- 1.2. Frequency tables
- 1.3. Summary statistics
- 1.4. Variance
- 1.5. Box plot

### 2. Probability

- 2.1. Calculating probabilities
- 2.2. Probability distribution
- 2.3. Binomial distribution
- 2.4. Probability mass function
- 2.5. Cumulative distribution function
- 2.6. Normal distribution
- 2.7. Probability density function
- 2.8. Quantiles

### 3. Correlation

- 3.1. Scatter plot
- 3.2. Correlation coefficient

### 4. Expectation

- 4.1. Discrete expectation
- 4.2. Continuous expectation

### 5. Exercises