# Exploratory Data Analysis (EDA)

Statsomat.com

19 April 2021

## **Basic Information**

Automatic statistics for the file:

File 1001rows.csv

Your selection for the encoding: Auto Your selection for the decimal character: Auto Observations (rows with at least one non-missing value): 1000 Variables (columns with at least one non-missing value): 1 Variables considered continuous: 1

Variables considered continuous tst

Variables considered categorical: 0

# **Results for Numerical Variables**

## **Descriptive Statistics**

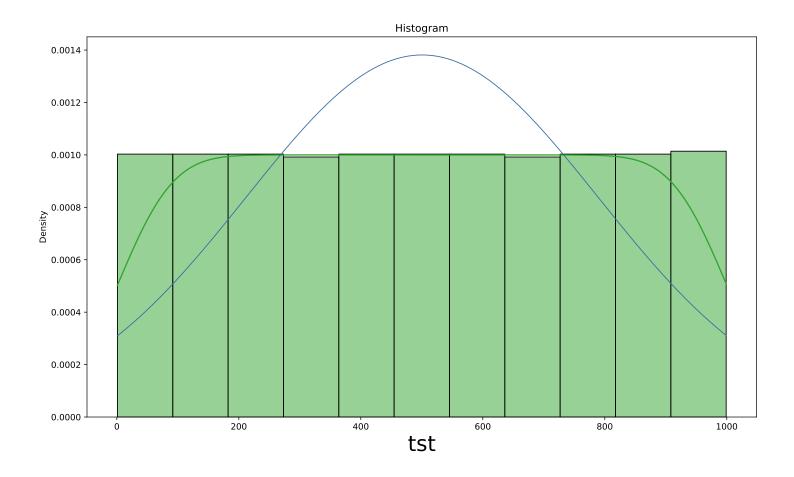
Variables are sorted alphabetically. Missings are omitted in stats. CV only for positive variables.

	N Obs	N Missing	N Valid	% Complete	N Unique	Mean	SD	Median	MAD	Min	Max	Skewness	Kurtosis	CV
tst	1000	0	1000	100	999	500.5	288.82	500.5	370.65	1	999	-0	-1.2	0.58

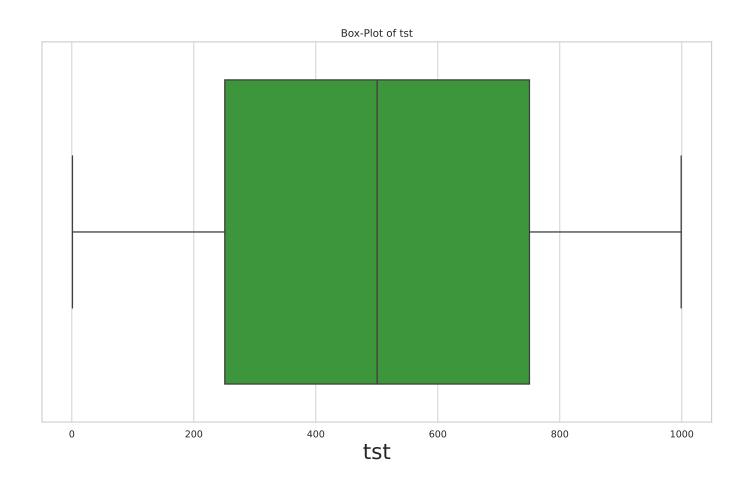
## **Graphics**

#### Histograms

Details: Density Histogram. The blue line represents the normal density approximation. The green line represents a special kernel density approximation.

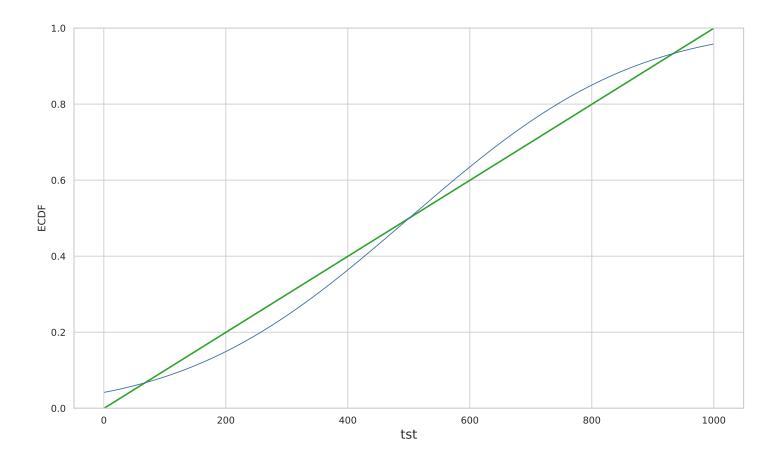


#### **Box-Plots**



#### **ECDF Plots**

ECDF (Empirical Cumulative Distribution Function) Plot. The blue line represents the CDF of a normal distribution. If the variable is normally distributed, the blue line approximates well the ECDF.



### **QQ-Plots**

