

Astrostatistics with R

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Course Outline

- Introduction
- Statistics Parametric and Non-Parametric
- Histogram and Density Curve
- Lineal Model Regression
- Matrix Correlation
- ANOVA

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- Bootstrapping
- Clustering
- Time Series
- PCA
- Survival
- Spatial Point

Evaluation

- Homework 80%
- Presentation 20%

Software

- The R Project for Statistical Computing

<https://www.r-project.org/>

RStudio Desktop

<https://posit.co/download/rstudio-desktop/>