Antoine Stos

Date of birth: 02/01/1991 in Chaumont
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Education

- 2015-2016   Master 2 Mathematics, Probability and Statistics applied
  University of Lorraine, France

- 2014-2015   Master 1 Statistics, Econometrics for Economy and Finance
  University of Lorraine, France

Work Experience

- Jan. 2017 – Current   Actelion, Pharmaceuticals /Biotech, Contractor as Junior Statistician
  Being involved in statistical activities of an ongoing clinical trial for Multiple Sclerosis and PAH disease.
  Visualisation project using R Shiny to summarize Real World Evidence data from a registry.
  Combining R Shiny and Rmardown on exploratory analysis for Multiple Sclerosis.

- Apr. – Dec. 2016   Actelion, Pharmaceuticals /Biotech, Internship as Biostatistician
  Extend my previous SAS macro to include survival data
  Being involved in statistical activities of an ongoing clinical trial.

Achievements

- 2019 :   Assitant of a paper which will be presented at the PhUse in Baltimore
  How to handle missing data using machine learning algorithm
- 2018 :   Co-author and speaker of a R workshop
  Introduction at R Markdown, R basic, Ggplot, R Shiny
- 2018 :   Website participant to highlight data visualization / new technology
  Mainly focusing on R and R Shiny

Skills

- Machine Learning :   Classification algorithms (Nearest Neighbors, Bayesian, Logistic Regression, Classification Trees), Regression models (Linear / Multivariate regression, Logistic Regression, Count data, Random Forest)
- Spatial Statistics :   Stochastic process, Autocorrelation function, Correlogram, Kriging, Variogram
- Computer Skills :   *SAS -- R (R Markdown, R Shiny, Visualization..) -*
- Languages :   French: Native   English*: Fluent*

Interests

- Hobbies: Plants - DIY – Cooking   Sports: Football – Snowboard- Tennis - Squash