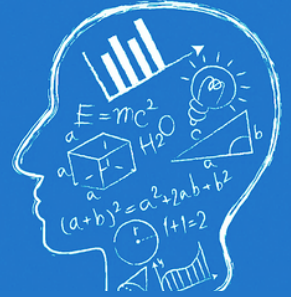# COURSE

UNDERSTANDING STATISTICS

9 AND 10 SEPTEMBER 2024, 9H00 - 17H00
11 SEPTEMBER, 9H00 - 12H30

CIÊNCIAS - ULISBOA, C6
DEIO - SASLAB (SALA 6.4.29)

UNDERSTANDING STATISTICS

SAGHIR BASHIR

The course will give you an overview of statistical thinking as applied to clinical research and medicinal sciences. Using the CONSORT Statement, the participants will be encouraged to interact and discuss about what makes a clinical trial (or an experiment) good in the statistical sense. The focus will be on asking questions and getting answers to understand the "statistical thinking" that goes into trials and experiments.

The course aims to cover (notionally):
   1. Summary statistics, including measure of location, spread and correlation.
   2. Good practice for study design and sample selection.
   3. Understanding data "uncertainty/variability", i.e., confidence intervals and hypothesis testing and p-values.
   4. Sample size and power calculation.
   5. Statistical thinking in real-world scenarios and structured critical thinking

More information and registartion, here.

Registration until: **5 September 2024**

Saghir Bashir is a statistical consultant at Ilustat and a member of Centro de Estatística e Aplicações de Universidade de Lisboa (CEAUL). Saghir has a PhD in Biostatistics and Epidemiology from the University of Cambridge and has been involved in numerous real-life data science projects across both the public and private sectors in various international settings.