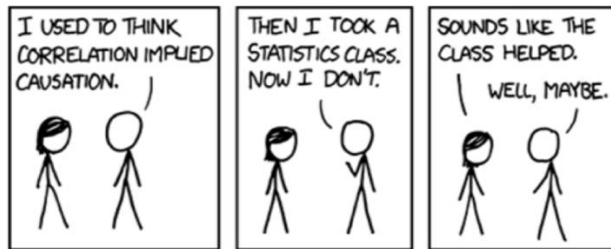


PhD Program: Common Core

Session 1: Oct 21st, 2024 (9h30 - 16h00)

Session 2: February 2025 (9h30 - 16h00)

Location: Retrovirus room (Lwoff building)



Content: list of courses and conferences

1. General information *Emeline Perthame, Emmanuelle Permal, Marvin Albert*

- Organization of the courses
- Presentation of B&B and IA Hubs
- Assess your background in statistics: some quizzes about statistics

2. Experimental Design *Vincent Guillemot*

3. Introduction to computer science *Nicolas Maillet*

4. Reproducibility *Frédéric Lemoine*

Morning

- 9:30 Welcome and Introduction
- 9:45 Quizz (R and basic stats)
- 10:00 Introduction to computer science (NM)
- 11:00 (Coffee) Break
- 11:15 Quizz (Hypothesis testing)
- 11:30 Reproducibility (FL)
- 12:30 Lunch break

HOW DOES COMPUTER PROGRAMMING WORK?

MAGIC.



Afternoon

- 14:00 Quizz (Linear Models)
- 14:15 Experimental design (VG)
- 15:30 Quizz (Multivariate analysis)
- 15:45 Conclusion, Questions
- 16:00 End of the day