

Reproducibility in statistics (an update) and multilayer networks

Reproducibility, the ability to reproduce the results of published papers or studies using their computer code and data, is a cornerstone of reliable scientific methodology. Studies where results cannot be reproduced by the scientific community should be treated with caution. Multiple studies have demonstrated that scientific results are often not reproducible across research areas such as psychology and medicine. The field of statistics prides itself on its openness when it comes to sharing both computer code and data. In this talk, we examine reproducibility in the field of statistics by attempting to reproduce the results in prominent journals. We discuss our findings and conclude with some author-specific and journal-specific recommendations to improve the research reproducibility in statistics. Time permitting, I will also discuss two research problems in multilayer networks, the first focusing on novel methodology and theory, and the second focusing on application and visualization.

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Lunes 9 de Diciembre de 2024, 14.00 horas

Salón Multifuncional FCEA

Modalidad: Híbrido

<https://salavirtual-udelar.zoom.us/j/84808539491?pwd=qPOt64Rmdk73y2CRCSDaMUUfKoDgaS.1>

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