BRIGHAM AND WOMEN'S HOSPITAL

HARVARD MEDICAL SCHOOL

181 Longwood Avenue
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Department of Medicine
Channing Division of Network Medicine

Channing Methods Meeting
March 7 (Tuesday), 2023, 11AM (ET)

MCP 5th-floor large conference room
https://us02web.zoom.us/j/579497999?pwd=cHNIWHMzWUIFUUVJTG1EeVJmY05aQT09
Meeting ID: 579 497 999
Passcode: 844168

Enrico Maiorino, PhD

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Journal club of "Descriptive vs. inferential community detection in networks: pitfalls, myths, and half-truths"

http://128.84.4.18/abs/2112.00183

Abstract: In this presentation I will present the recent paper by Tiago Peixoto "Descriptive vs. inferential community detection in networks: pitfalls, myths, and half-truths". The paper explores the benefits of using a generative modeling approach for community detection (CD) problems and exposes the theoretical and practical issues associated with commonly used descriptive CD methods like Modularity Maximization and Infomap.

Bio: I am Associate Scientist at the Channing Division of Network Medicine of Brigham and Women's Hospital. My research interests cover several topics including machine learning, network science, and statistics. My current work focuses on developing machine learning and network-based approaches to integrate multi-omics data.

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