

Federica Bologna

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🌐 [federicabologna](https://federicabologna.com)

Areas of interest

Cultural Analytics, Natural Language Processing, Computational Social Science

Education

- 2021-Present **Ph.D. in Information Science**, Cornell University
Advisor: Matthew Wilkens
Minor: Sociology
- 2017-2020 **M.A. in Modern, Post-colonial and Comparative Literature**, University of Bologna, Italy
Advisors: Elena Lamberti and Matthew Wilkens
Thesis: *A Computational Approach to Urban Space in Science Fiction*
- 2014-2017 **B.A. in Foreign Languages and Literature**, University of Bologna, Italy
Advisors: Franco Minganti and Roberto Vecchi
Thesis: *Imaginary Cities: Colum McCann's New York vs Luiz Ruffato's São Paulo*

Publications

- 2020 [A Computational Approach to Urban Space in Science Fiction](#)
Federica Bologna
Journal of Cultural Analytics
- Accepted [Open bibliographic data and the Italian National Scientific Qualification: measuring coverage of academic fields](#)
Federica Bologna, Angelo Di Iorio, Silvio Peroni, Francesco Poggi

Research experience

- 2020-2021 **Research Assistant**, University of Bologna, Italy
Mentors: Angelo Di Iorio, Silvio Peroni, and Francesco Poggi
- Use citation network analysis to study the Italian National Scientific Qualification
 - Collect and disambiguate publication data to study the coverage of Open Access datasets

- Fall 2019 **Graduate Student Researcher**, University of Aarhus, Denmark
 Mentor: Matthew Wilkens
- Automatically extract urban space from 300 science-fiction novels
 - Use of NLP techniques: topic modeling, token counts and extracted named locations

Posters & Presentations

- 2022 **Support and Relationship Patterns in Endometriosis Narratives**
 Federica Bologna, Rosamond Thalken, David Mimno, and Matthew Wilkens
 Long Presentation at *Digital Humanities 2022*
- 2021 **Analyzing Urban Space's Presence in Science Fiction Using Token Counts**
 Federica Bologna
 Presentation at *University of Naples "L'Orientale" Graduate Conference 2020*

Teaching Experience

- Spring 2022 Graduate TA, **INFO 3350: Text Mining History and Literature**, Cornell University

Honors, Awards & Scholarships

- 2019 **M.A. Thesis Research Abroad Scholarship**, University of Bologna, Italy
 2017 **Overseas Study Abroad Scholarship**, University of Bologna, Italy

Professional services

- 2021 Reviewed for *Computational Humanities Research 2021*.

Non-degree studies

- 2017-2018 **Overseas Study Abroad Program**, University of California, Los Angeles