Discussion 1, ML&Soc

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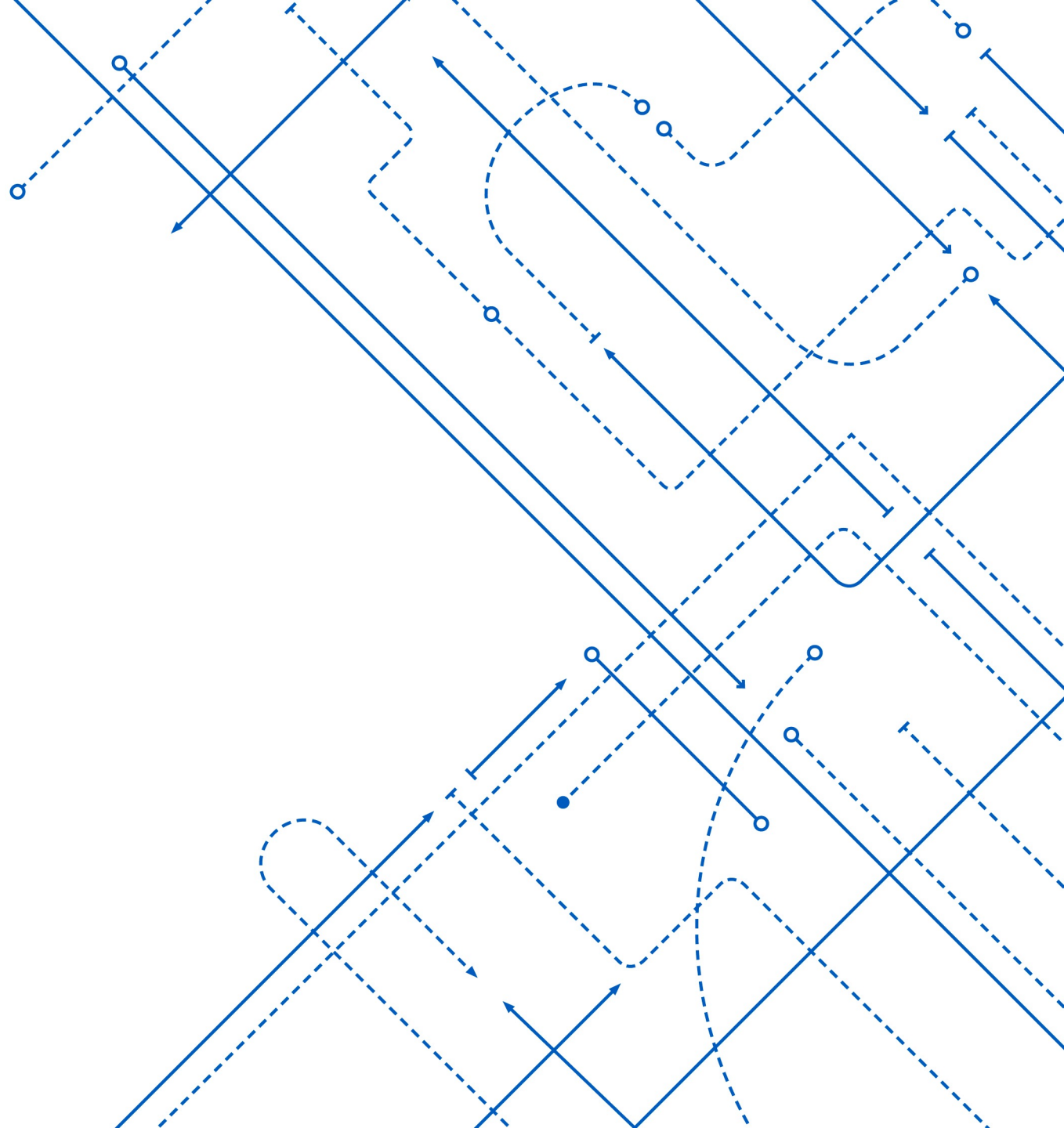
Passphrase:
Maria Rodriguez

Article

A computational social science perspective on qualitative data exploration: Using topic models for the descriptive analysis of social media data*

Maria Y. Rodriguez ✉ 🆔 & Heather Storer

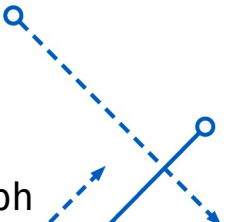## Bridging the gap: Social work insights for ethical algorithmic decision-making in human services

M. Y. Rodriguez 🆔 ; D. DePanfilis ; P. Lanier ; **All Authors**

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POP QUIZ

- All devices away

For 10 bonus points, can you, as a class, collectively name 3 Usher songs? You have one minute.

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Logistics

- Questions?

- In general, nice job!

- **Unit Midpoint Submission due Saturday**
  - You should be able to do Part 1 and Part 3 now
  - We'll get started on what you need for Part 2 today, and wrap up on Wednesday
  - We'll give you some time Wednesday to get started on Part 2 and ask questions as well

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Discussion

- Own your intentions, and your impact
- Understand that we are bound to make mistakes
- Conflict with Civility
- Create space for yourself and others to share lived experiences

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Process

- Form groups
- Reflect (5 minutes, ish)
- Discuss **one question the class should talk about** (**5** minutes, ish)
- Share back the questions
- Pick 2 to discuss in small groups (10 minutes)
- Share back (10 minutes)
- Potentially, rinse and repeat
- Break

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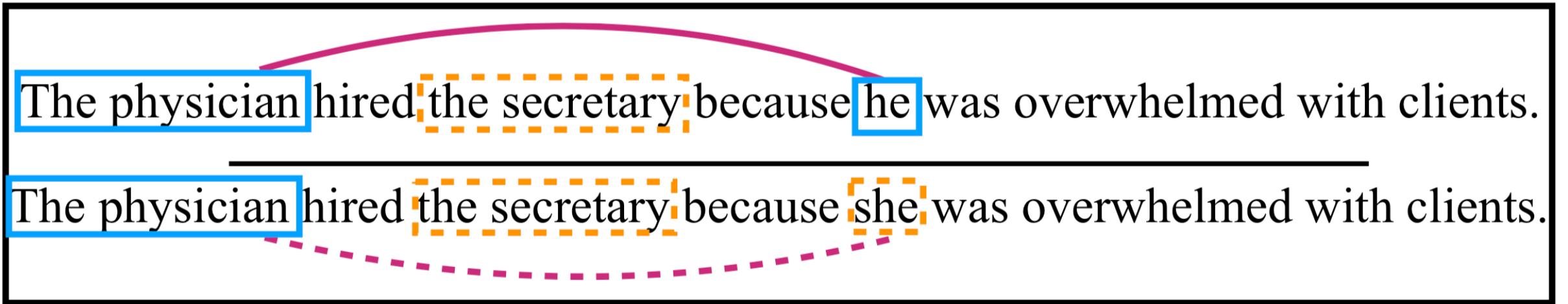School of Engineering and Applied Sciences

Questions

- Can data collected with malicious intent still be useful to the populations it is intended to subjugate?
- Who should decide and how should it be decided what the problems are for a given community?
- What happens when you're on a team that doesn't care about the social impact of the work they're doing?
  - Where is the incentive for the "AI members of the team" to address social impact? Particularly within a corporation?
- Is it more useful to focus on the history and figure out the "why" or is it better to just cut to addressing the solutions?
  - How do we understand the representativeness of a dataset?

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Questions to discuss

- All data is dirty / bad / biased ... does that mean it is useless? If so, what should we do? If not, why?

- **What questions are worth solving? How do we know that? And how do we incentives people to work on them?**

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Drawing the causal graph exercise

Zhao, J., Wang, T., Yatskar, M., Ordonez, V., & Chang, K.-W. (2018). Gender Bias in Coreference Resolution: Evaluation and Debiasing Methods. *ArXiv:1804.06876 [Cs]*.

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