Shifting Tone of a Body of Text

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Computer Science and Mathematics

November 2019

1. Abstract

- Plutchik's basic emotions

- Natural language processing

    – Tone recognition
    – Tone alteration

2. High Level Plans

- Build out datasets / lexicons

  - Sourced vs created

- Make different models

  - Arbitrary replacement

  - Latent Dirichlet Allocation

  - Neural nets?

- User testing

3. Current Progress

- Thesaurus

- Lexicons

- Website

  – Frontend

  – API

  – Server setup, etc

4. Immediate Next Steps

- Other lexicons!

- Build control model

- Alter data visualization

5. Thank you!

Here are links if anyone is interested

- Frontend: sproj.colehollant.com

- Backend: sproj.api.colehollant.com

- Version control: my github

References

[1] first name last name, *title*, publisher, city, year.

[2] _____, *title*, journal name **volume number** (year), starting page– ending page.

[3] _____, *title*, `webaddress`.

[4] _____, *title*. arXiv address.