Enhancing Transparency in Predicting Private Traits from Digital Records of Human Behavior

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Abstract

Blah

1 Preliminary Results

Blah

1.1 Data Description

Blah

1.2 Feature Space

Blah

References

- [1] Sundararajan A., Provost F., Oestreicher-Singer G., Aral S., Information in digital, economic and social networks, Information Systems Research, 2013
- [2] Bachrach Y., Kohli P., Kosinski M., Stillwell D., Graepel T. Personality and Patterns of Face-book Usage, Web Science'12, June 22-24, 2012
- [3] Butler D., Data Sharing Threatens Privacy, Nature, 449(7163):644, 2007
- [4] Kosinski M., Stillwell D., Graepel T., Private Traits and Attributes are Predictable from Digital Records of Human Behavior, Proceedings of the National Academy of Sciences, 2013
- [5] Macskassy S.A. and Provost, F.J. Classication in Networked Data: A toolkit and a univariate case study The Journal of Machine Learning Research 8, 935-983, 2007
- [6] Schwartz HA, Eichstaedt JC, Kern ML, Dziurzynski L, Ramones SM, et al. Personality, Gender, and Age in the Language of Social Media: The Open-Vocabulary Approach PLoS ONE 8(9): e73791. doi:10.1371/journal.pone.0073791, 2013