Identifing trends in HIV pre-exposure prophylaxis Using Social Media

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Abstract—One of the best ways to deal with the spread of Human Immunodeficiency Virus (HIV) is to help prevent its spread. Pre-Exposure Prophylaxis (PEP) is a prevention strategy wherein high-risk individuals adhere to a long-term antiretroviral regimen. PEP has been shown to lower the transmission of HIV, though PEP requires strict patient compliance to be effective. Text mining from social media allows us to gather information that can be used to inform trends in HIV and PEP. Here we investigate data from 4.7 million tweets and 1.38 billion Reddit comments and identify key terms associated with Prophylaxis and HIV.

I. INTRODUCTION

This demo file is intended to serve as a "starter file" for IEEE conference papers produced under LaTeX using IEEEtran.cls version 1.8b and later. I wish you the best of success.

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II. CONCLUSION

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REFERENCES

[1] H. Kopka and P. W. Daly, *A Guide to LaTeX*, 3rd ed. Harlow, England: Addison-Wesley, 1999.