Spotify's Role in the Russo-Ukrainian Music World*

An Analysis of Russian and Ukrainian music popularity on Spotify following the 2022 Russian invasion of Ukraine

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Following Russia's escalated invasion of Ukraine in February 2022, countries across the West and around the world have sought to end business dealings with Russian companies and boycott pro-Russian public figures, while making efforts to increase support for Ukraine. This widespread effort has gone from the highest levesl of business and government, to individuals opting to stop purchasing Russian goods and not engaging with Russian popular culture, including musicians. This report uses data collected from Spotify APIs to understand how the popularity of 10 top Russian and Ukrainian musicians has been affected by the ongoing violence. Among the key findings is that _____.

1 Introduction

You can and should cross-reference sections and sub-sections. For instance, Section 2 and Section 5.1.

2 Data

This paper uses data collected using the Spotify API (Charlie Thompson and Wolff 2022), and visualizes data from five top Russian artists and 5 top Ukrainian artists to understand how and if their popularity on Spotify has been affected since the start of the escalated invasion of Ukraine. As part of this, the main variables that were used in this project include popularity, year, artist name, and track number. This paper uses R (R Core Team 2020) to analyze the

*Code and data are available at: https://github.com/rutykorotaev/finalpaper

dataset, and several R packages were included in the project, including "tidyverse" (Wickham et al. 2019), "dplyr" (Wickham et al. 2021), "kableExtra" (Zhu 2021), and "knitr" (Xie 2021).

3 Model

$$Pr(\theta|y) = \frac{Pr(y|\theta)Pr(\theta)}{Pr(y)} \tag{1}$$

4 Results

5 Discussion Introduction

5.1 First Finding:

5.2 Second Finding:

5.3 Third Finding:

5.4 Project Limitations and Next Steps

Appendix

References

Charlie Thompson, Josiah Parry, Daniel Antal, and Tom Wolff. 2022. *Spotifyr: R Wrapper for the "Spotify" Web API.* https://CRAN.R-project.org/package=spotifyr.

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