

Analysis of Hitsujibungaku's Spotify Data

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Use the Spotify API to analyze data about ...

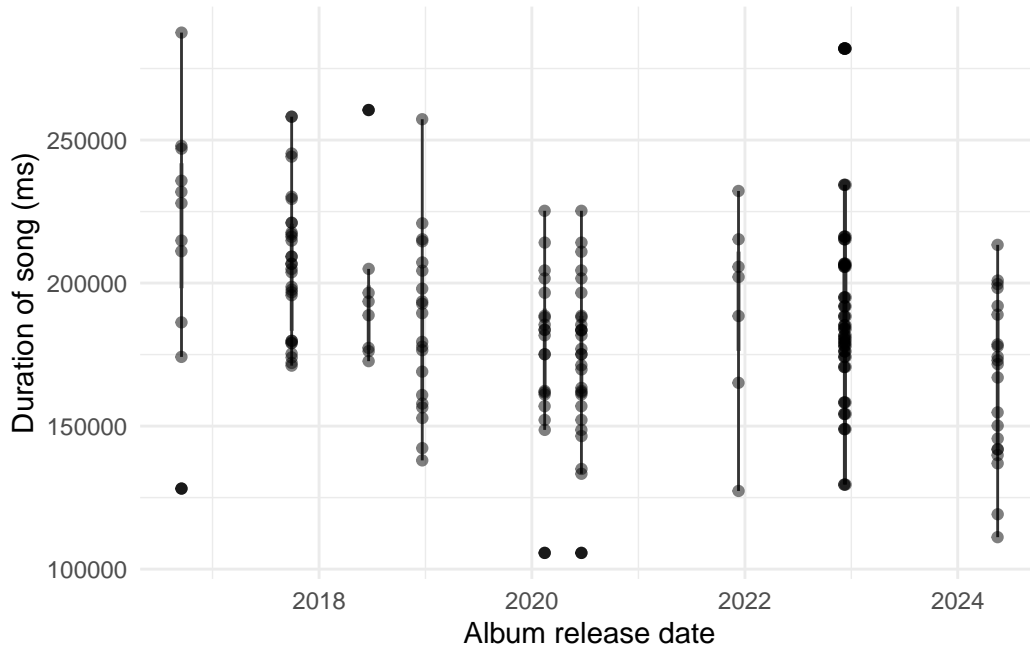
1 Introduction

This paper download data of three artists “A Boogie Wit da Hoodie”, “Radiohead” and “Pay money To my Pain” from Spotify API, and visualize the metadata obtained. First, we compare the length of released songs between the three artists. Second, we

This paper is written with the help of R (R Core Team 2023), and the following packages: spotifyr (Thompson et al. 2022), styler (Müller and Walthert 2024), tidyverse (Wickham et al. 2019), tinytex (Xie 2019), usethis (Wickham et al. 2024), lintr (Hester et al. 2024), here (Müller 2020) and knitr (Xie 2014).

```
boogie <- as_tibble(boogie)

boogie |>
  mutate(album_release_date = ymd(album_release_date)) |>
  ggplot(aes(
    x = album_release_date,
    y = duration_ms,
    group = album_release_date
  )) +
  geom_boxplot() +
  geom_jitter(alpha = 0.5, width = 0.3, height = 0) +
  theme_minimal() +
  labs(
    x = "Album release date",
    y = "Duration of song (ms)"
  )
```



Bibliography

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