Analysis of spotify playlist*

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October 10, 2024

This document analyzes something on spotify.

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1 Introduction

This study uses R packages (R Core Team 2020) to clean and analyze the dataset, including libraries from haven (Wickham, Miller, and Smith 2023), dplyr (Wickham et al. 2023), readr (Wickham, Hester, and Bryan 2024), kableExtra (Xie 2021), and ggplot2 (Wickham 2016). The data we used is from IPUMS (Ruggles et al. 2021).

2 Estimates and the Actual Number of Respondents

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`geom_smooth()` using method = 'loess' and formula = 'y ~ x'
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*Code and data are available at: TEMPNAME.

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Warning in simpleLoess(y, x, w, span, degree = degree, parametric = parametric,
: pseudoinverse used at 14176

Warning in simpleLoess(y, x, w, span, degree = degree, parametric = parametric,
: neighborhood radius 2582.8

Warning in simpleLoess(y, x, w, span, degree = degree, parametric = parametric,
: reciprocal condition number 1.1762e-16

Warning in simpleLoess(y, x, w, span, degree = degree, parametric = parametric,
: There are other near singularities as well. 3.1011e+06

Warning in predLoess(object$y, object$x, newx = if (is.null(newdata)) object$x
else if (is.data.frame(newdata))
as.matrix(model.frame(delete.response(terms(object)), : pseudoinverse used at
14176

Warning in predLoess(object$y, object$x, newx = if (is.null(newdata)) object$x
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singularities as well. 3.1011e+06

Warning in simpleLoess(y, x, w, span, degree = degree, parametric = parametric,
: pseudoinverse used at 14719

Warning in simpleLoess(y, x, w, span, degree = degree, parametric = parametric,
: neighborhood radius 2403

Warning in simpleLoess(y, x, w, span, degree = degree, parametric = parametric,
: reciprocal condition number 0
```

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Warning in simpleLoess(y, x, w, span, degree = degree, parametric = parametric,
: There are other near singularities as well. 1.0778e+07


Warning in predLoess(object$y, object$x, newx = if (is.null(newdata)) object$x
else if (is.data.frame(newdata))
as.matrix(model.frame(delete.response(terms(object)), : pseudoinverse used at
14719


Warning in predLoess(object$y, object$x, newx = if (is.null(newdata)) object$x
else if (is.data.frame(newdata))
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2403


Warning in predLoess(object$y, object$x, newx = if (is.null(newdata)) object$x
else if (is.data.frame(newdata))
as.matrix(model.frame(delete.response(terms(object)), : reciprocal condition
number 0


Warning in predLoess(object$y, object$x, newx = if (is.null(newdata)) object$x
else if (is.data.frame(newdata))
as.matrix(model.frame(delete.response(terms(object)), : There are other near
singularities as well. 1.0778e+07
```
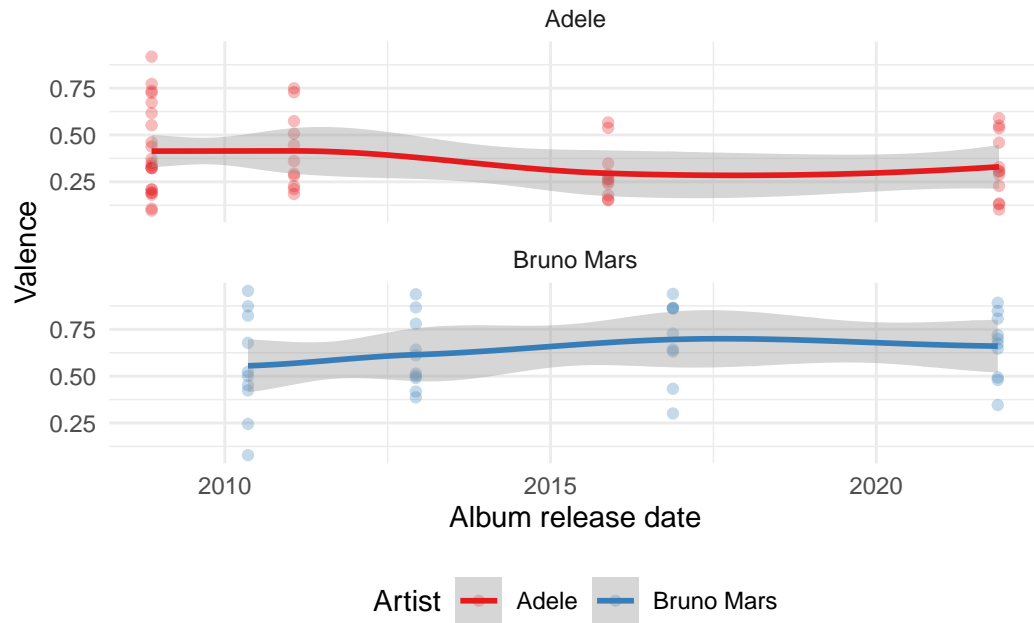
Figure 1 shows comparison of blah blah

Figure 1: Bruno Mars lady gaga valence comparison graph

Appendix

A Instructions on How to Obtain the Data

References

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