

The background features a grayscale silhouette of a city skyline, consisting of numerous skyscrapers of varying heights, set against a dark, textured background.

OUR MUSICAL AGE OF ASSIMILATION

By Wild Guevara

INTRODUCTION

TWO KEY DEFINITIONS

1. Vertical Transmission:

2. Horizontal Transmission:



TWO KEY DEFINITIONS

1. **Vertical Transmission:** Passed from **generation to generation**
2. **Horizontal Transmission:**



TWO KEY DEFINITIONS

1. **Vertical Transmission:** Passed from **generation to generation**
2. **Horizontal Transmission:** Passed from **culture to culture**



PREVIOUS WORK



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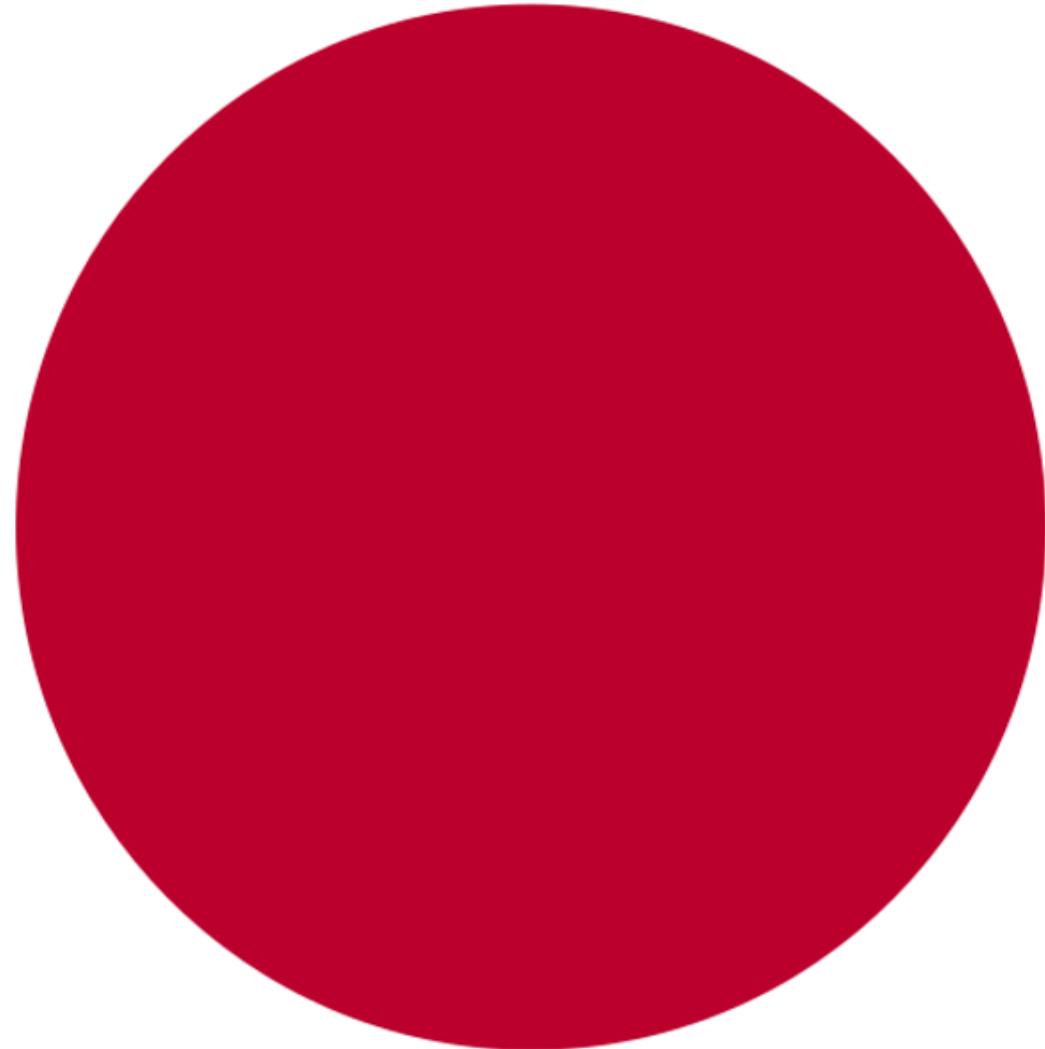
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- ❖ Collaboration and horizontal transmission remains important to sampling, (*Youngblood, 2019*)



A **homogenization** of
modern music is **not**
occurring due to the
strong vertical
transmission of music



THE CASE OF JAPAN



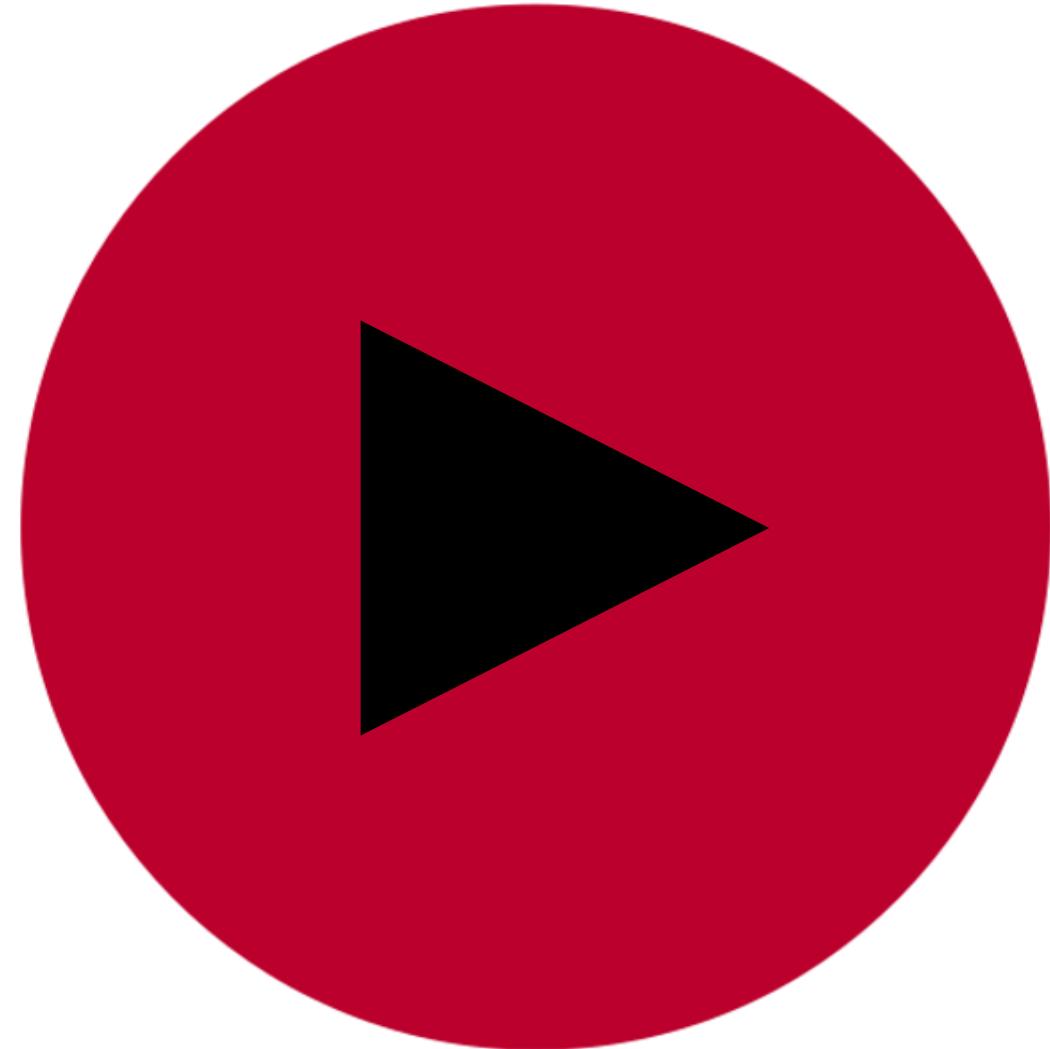
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- ❖ Japan faced **two moments of isolationism**, (*Music Educators Journal*, 1950)



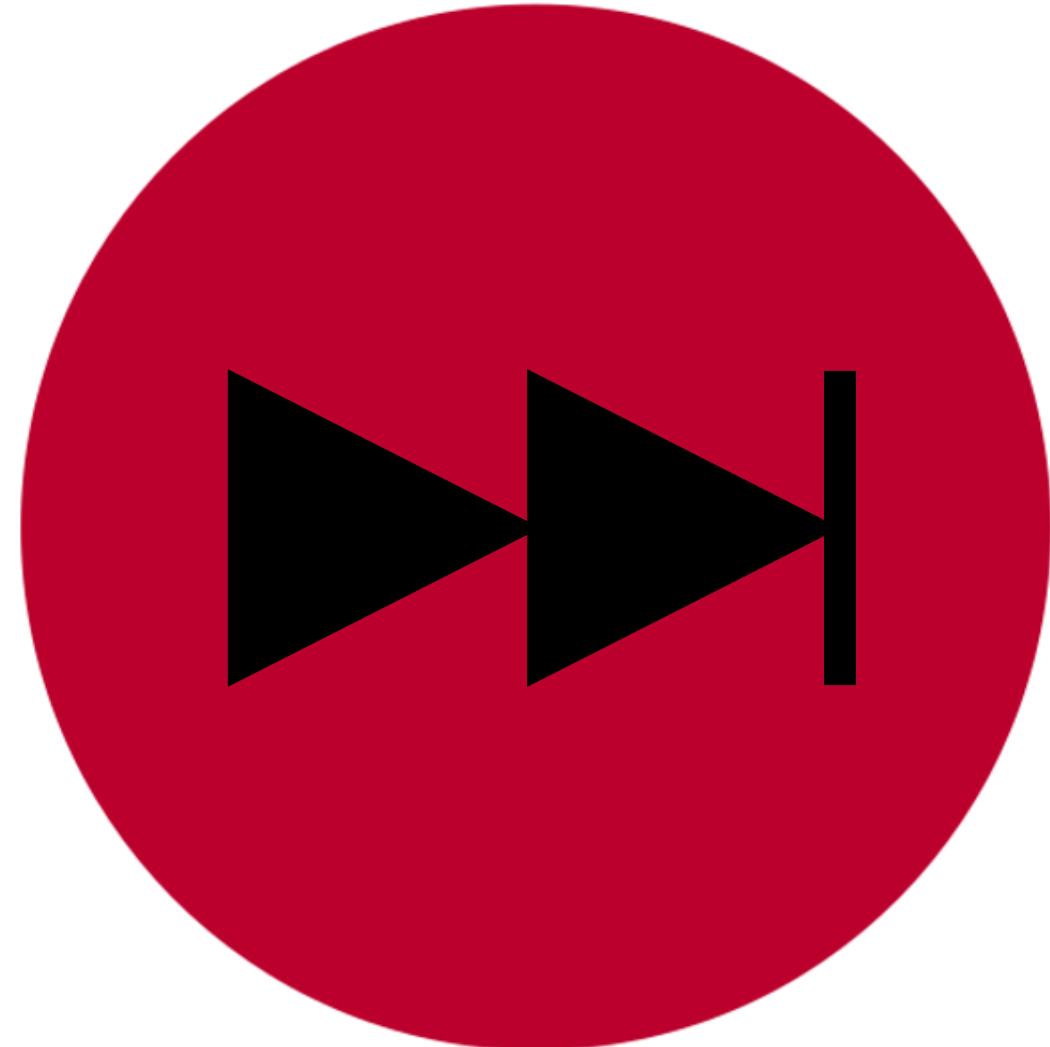
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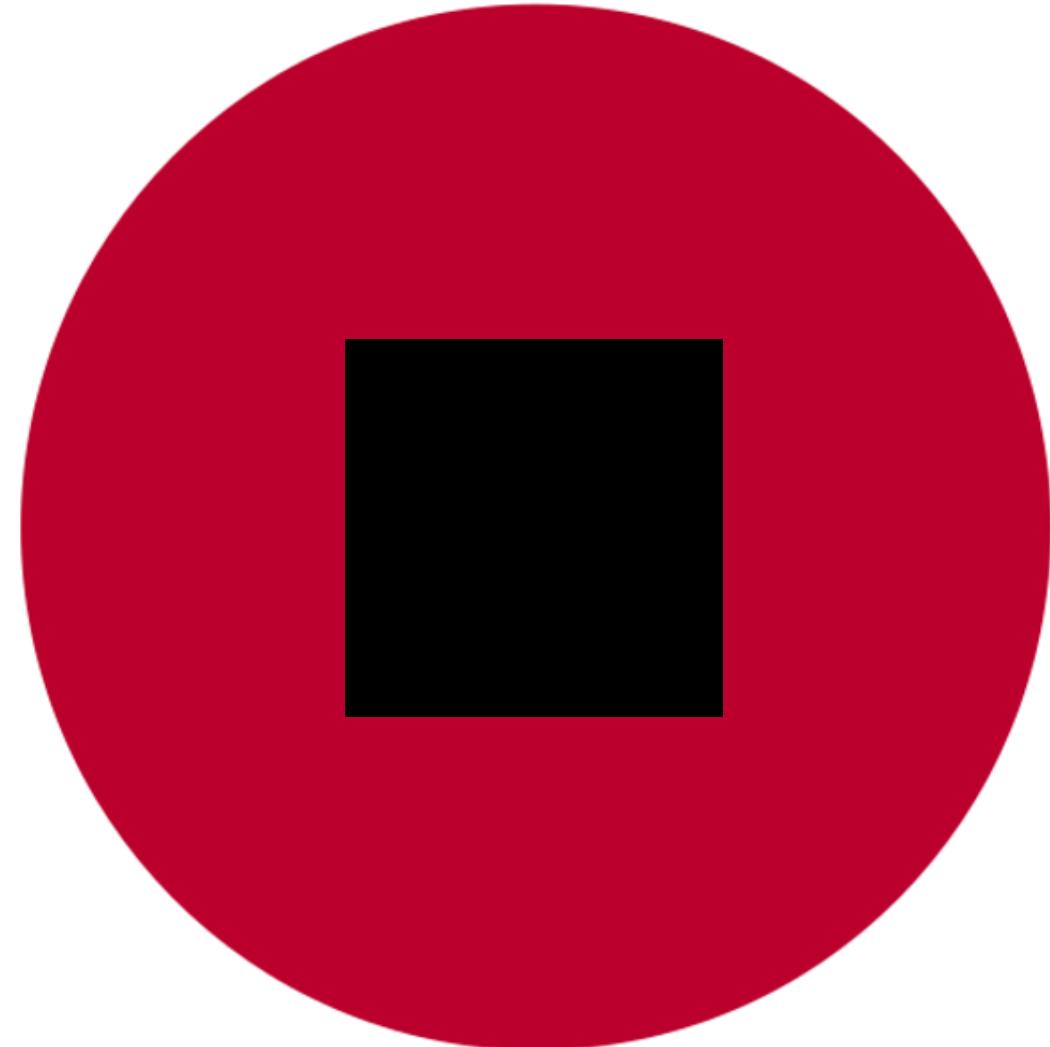
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THE CASE OF JAPAN

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- ❖ **Low cohesion** between **western artists and Japanese people**, (*Guy de Launey*, 1995)
- ❖ But **is this enough...**



METHOD



*“The ultimate reference for all
music lovers...”*



*“The ultimate reference for all
music lovers...”*



*“We use algorithms with a
human touch...”*

*“The ultimate reference for all
music lovers...”*



*“We use algorithms with a
human touch...”*

*“Optional for the user to
provide demographic
information (such as
income level and gender),
and unique identifiers
(such as social security
number), but
encouraged...”*

272 lines of



webscrape.py

1,363 pages on



22,230 cells of



HellOnEarth.xlsx

PARTICIPANTS



PARTICIPANTS

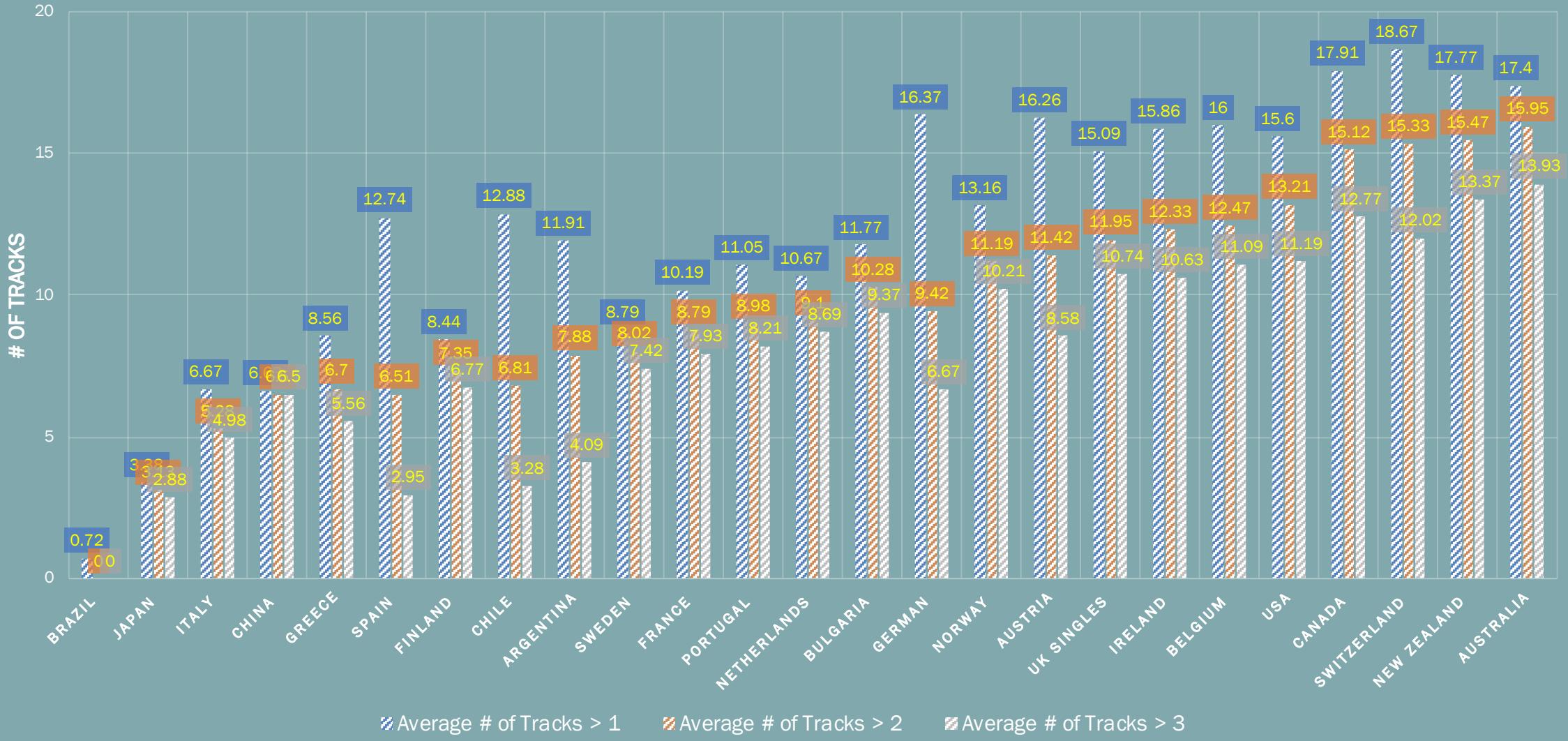
- ◊ **25 countries:**
 - ◊ 16 in Europe
 - ◊ 3 in South America
 - ◊ 2 in Asia
 - ◊ USA & Canada
 - ◊ Australia & New Zealand
- ◊ **43 weeks (January – October 2019)**



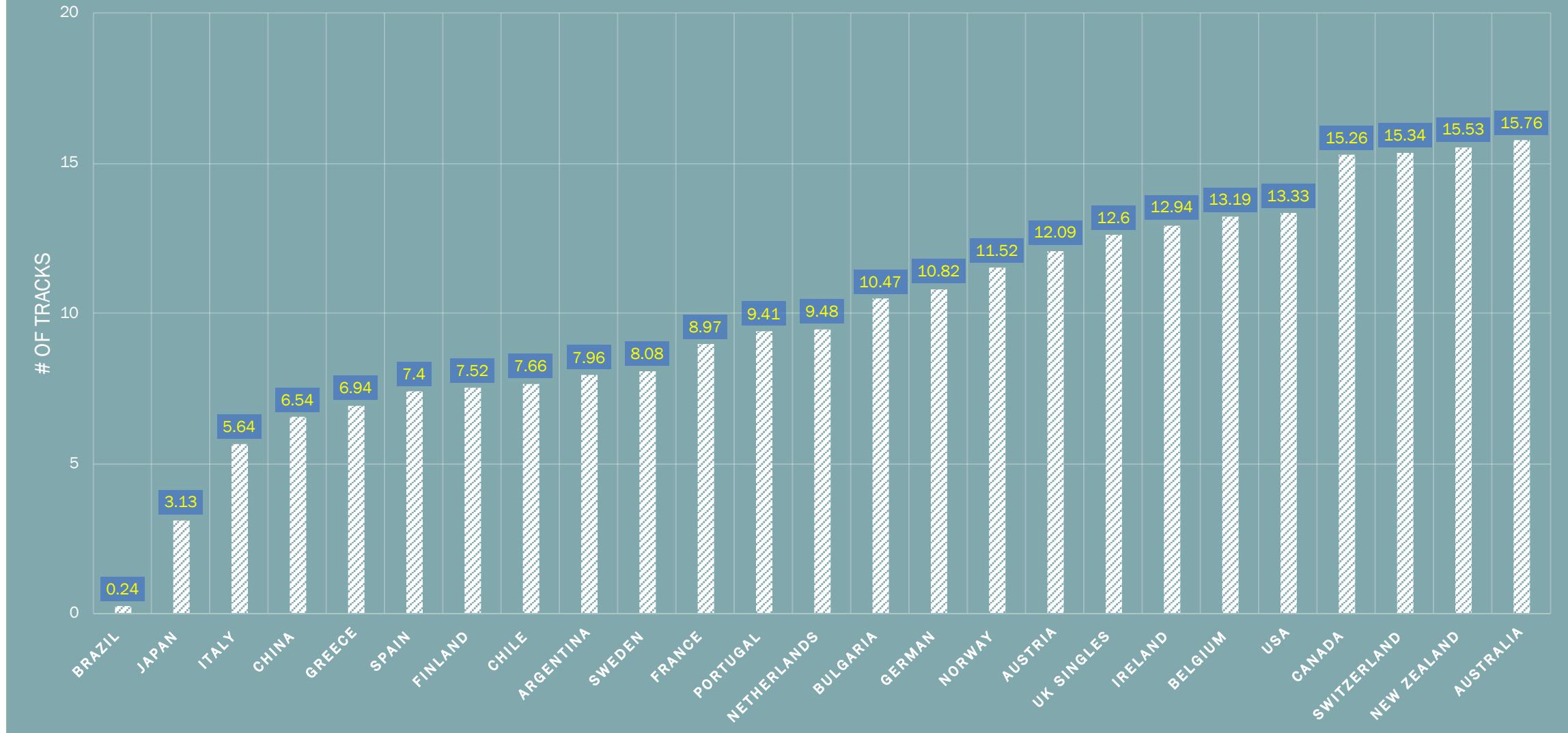
RESULTS



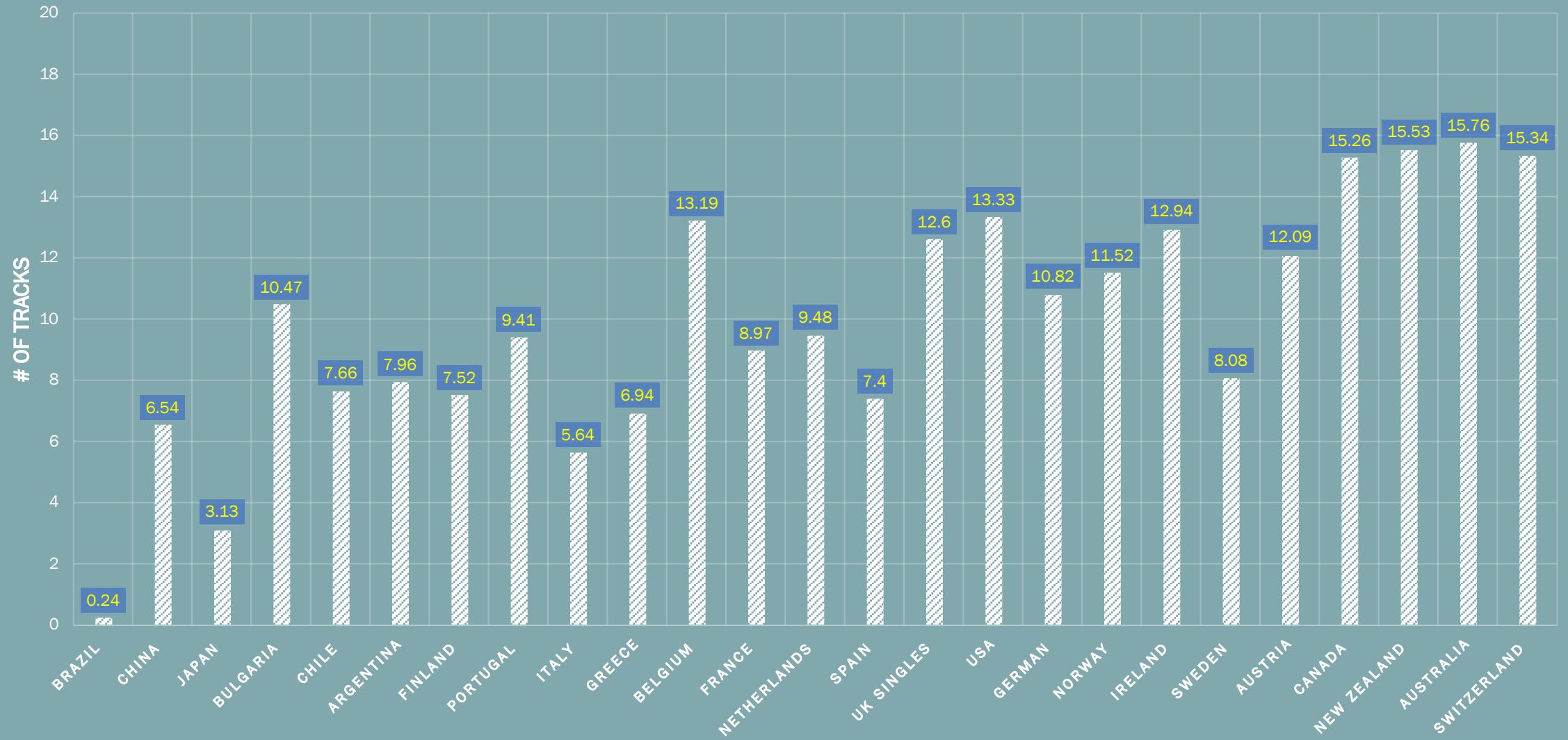
AVERAGE # OF TRACKS THAT APPEARED > 1 - 3 TIMES PER COUNTRY



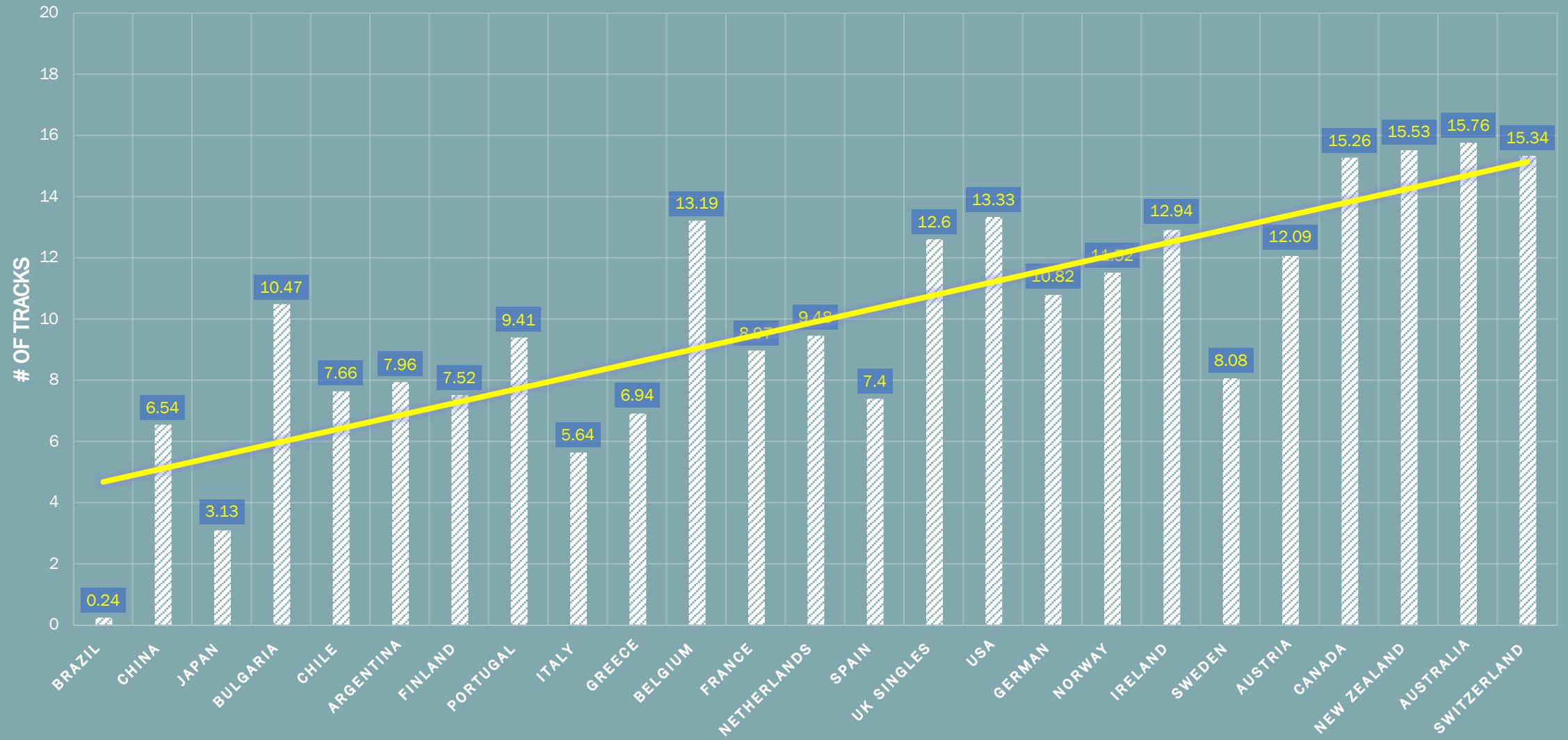
AVERAGE # OF SHARED TRACKS PER COUNTRY



AVERAGE # OF SHARED TRACKS PER COUNTRY SORTED BY % OF IMMIGRANTS

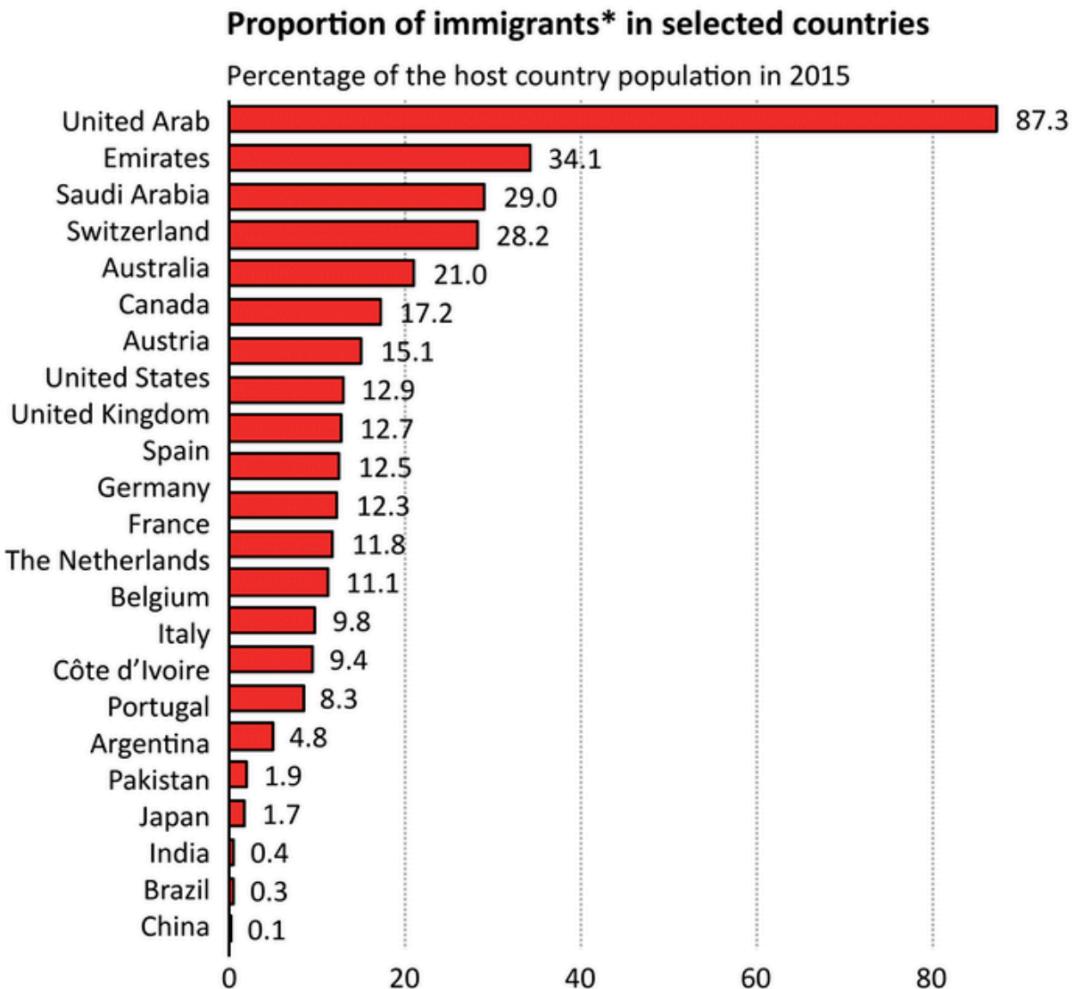


AVERAGE # OF SHARED TRACKS PER COUNTRY SORTED BY % OF IMMIGRANTS



CONCLUSIONS

*Populations with a
**higher percentage of
immigrants** may have
a **higher amount of
shared songs?***



* Foreign-born.

SIGNIFICANCE



SIGNIFICANCE

1. Insight into the **modern evolution of music**



SIGNIFICANCE

1. Insight into the **modern evolution of music**
2. Better understanding of how **music is transmitted**



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3. Furthers **music as a social function**



SIGNIFICANCE

1. Insight into the **modern evolution of music**
2. Better understanding of how **music is transmitted**
3. Furthers **music as a social function**
4. Data on modern music is **scarce**



FUTURE WORK



FUTURE WORK

- ❖ More charts from more years



FUTURE WORK

- ❖ More charts from more years
- ❖ More information on musical genres



FUTURE WORK

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- ❖ More information on musical genres
- ❖ Origin of popular songs vs. emigration



FUTURE WORK

- ❖ More charts from more years
- ❖ More information on musical genres
- ❖ Origin of popular songs vs. emigration
- ❖ Real statisticians to check work



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