

# *Spotify Trends*

How music has changed over the years

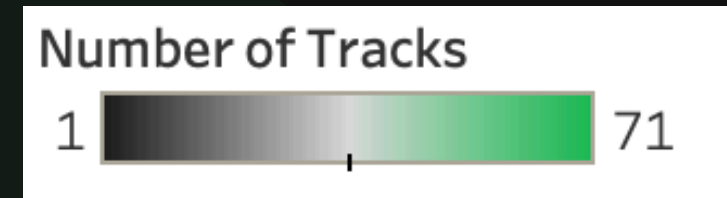
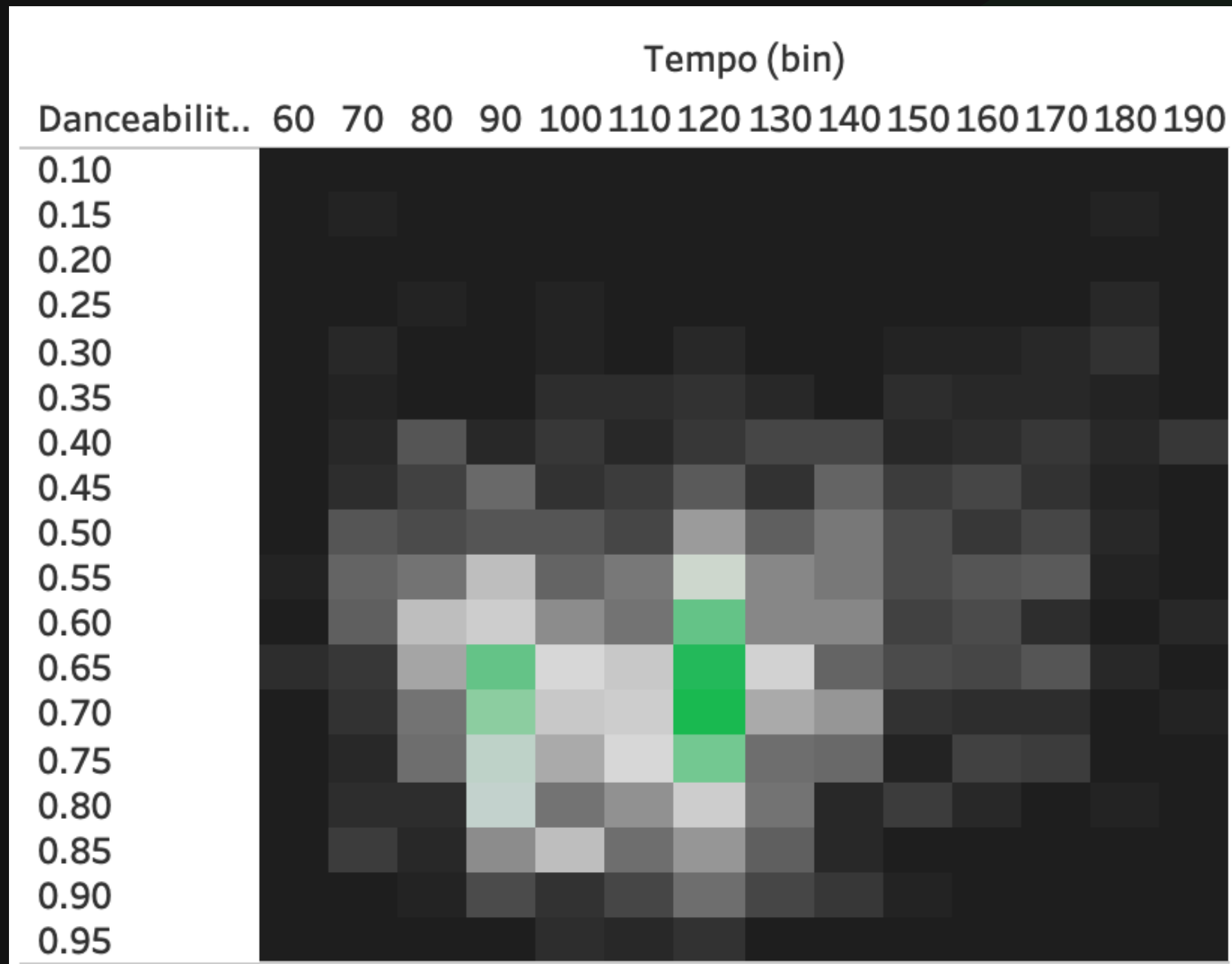
Wong Ding Xuan



# ***Dataset Overview***

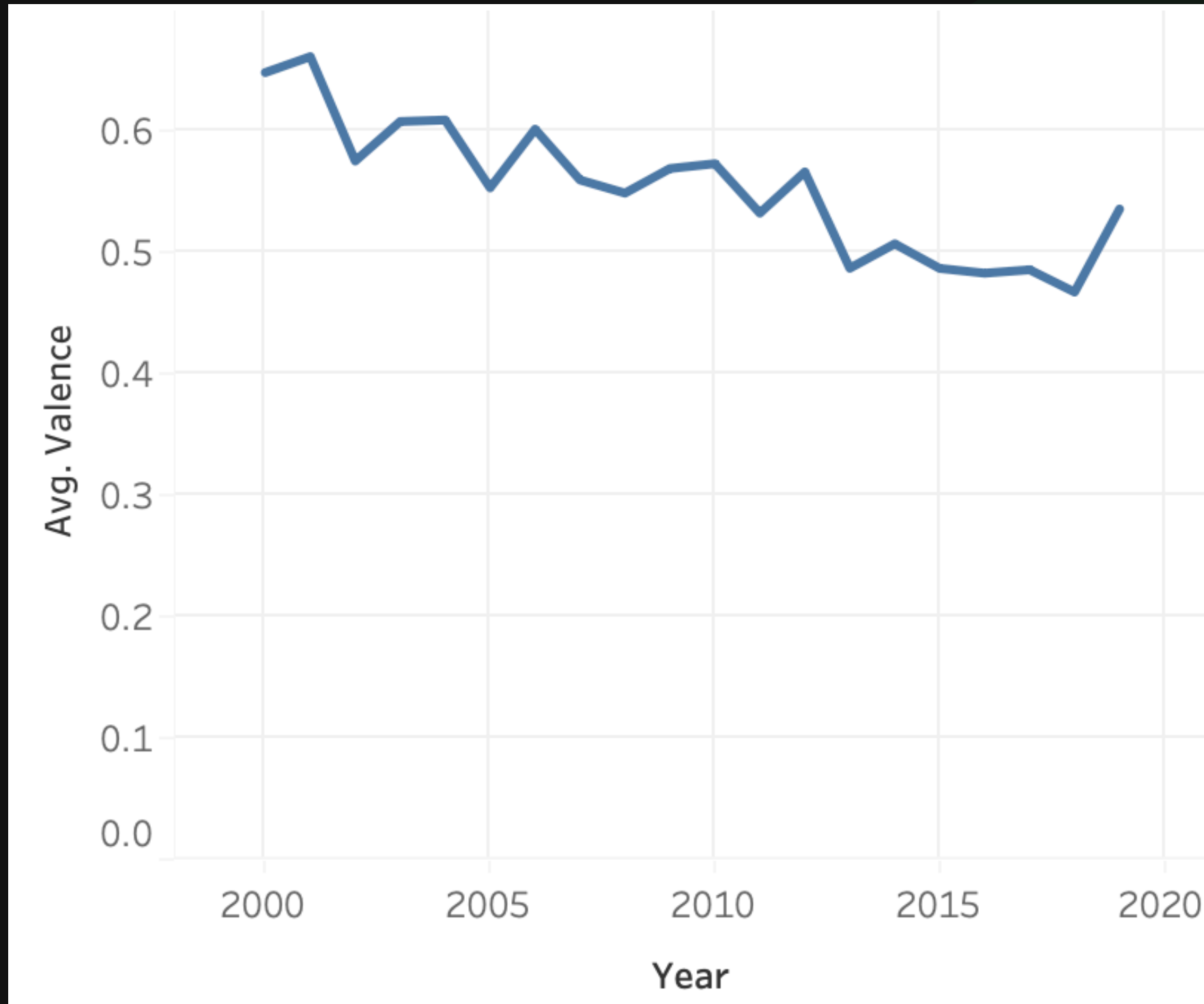
- Data Size: 18 Columns, 2000 Songs
- Important Columns: Year Published, Song Duration, Genre, Valence, Danceability, Tempo and Mood
- Year Range: 2000 to 2019
- Valence : Musical positiveness conveyed by a track
- Mood : Determined by valence and seperated into 4 categories:
  - Dark, Sad, Chill, Happy
- No duplicate or null values in all of the columns

# Tempo vs Danceability Distribution of Songs



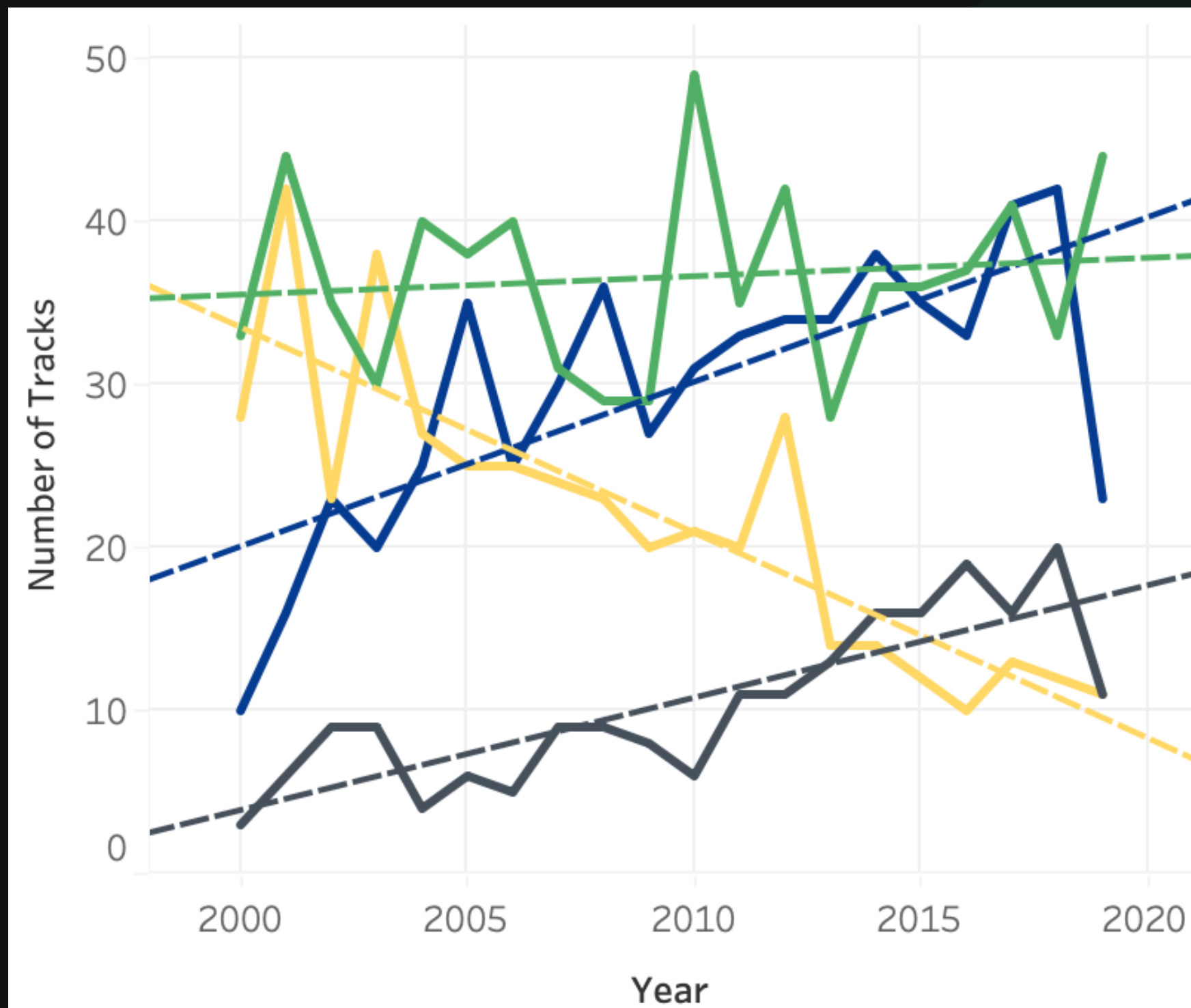
- 471 Songs were made at the tempo of 120 bpm
- Followed by 313 songs at 90 bpm and 220 songs at 100 bpm
- Moderately fast Songs with moderate danceability are the most prevalent

# Valence of the songs over time



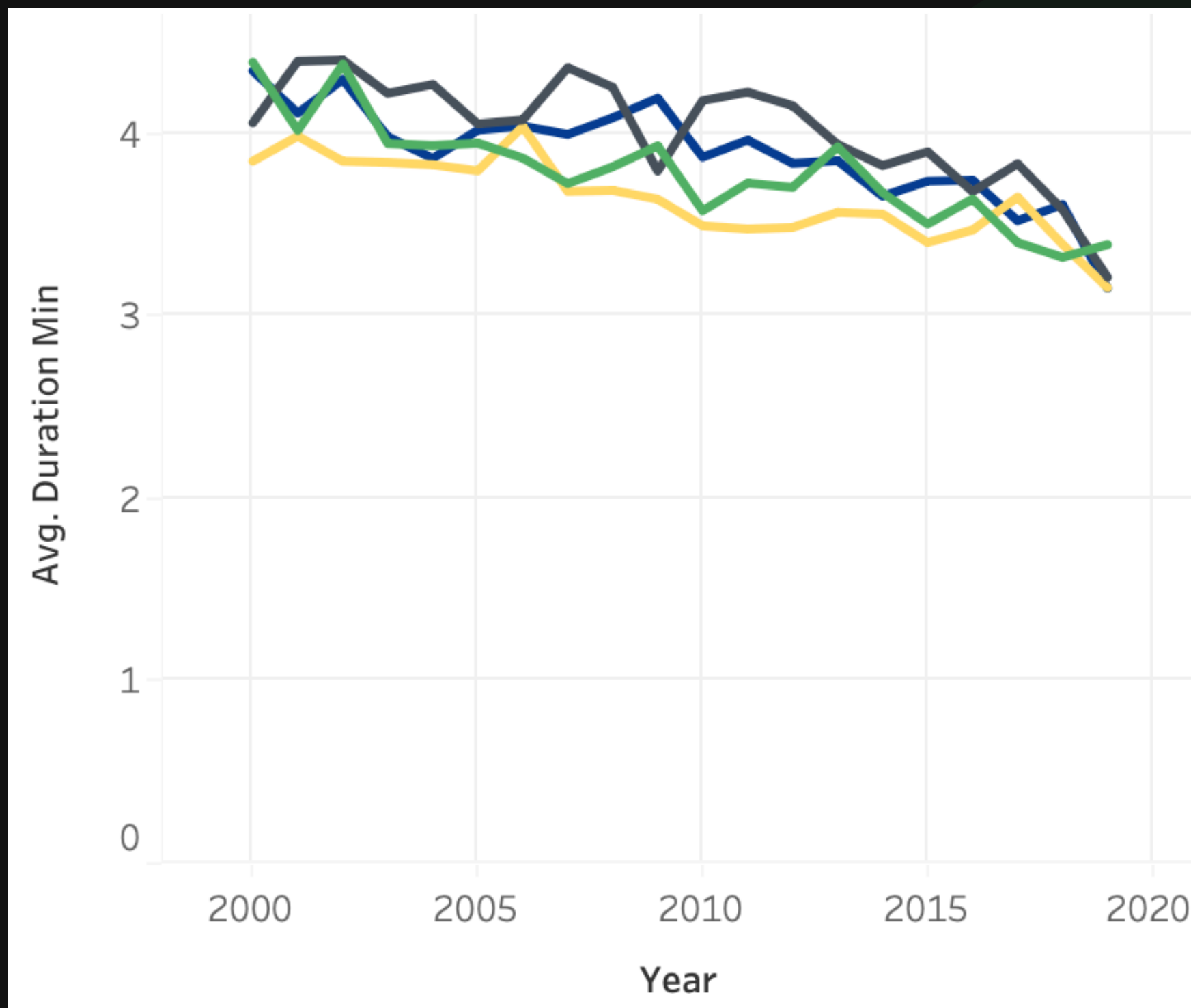
- General decrease in Valence over time with the lowest being 2018 at 0.462
- Graph implies a musical shift in more melancholic songs in music over time

# Evolution of Mood in Music Over Time



- Significant increase in Sad and Dark Tracks over the years, correlation with Valence over the years
- Decrease in Happy songs over the years
- No Change in Chill songs

# Duration of Music Over Time



- Significant increase in Sad and Dark Tracks over the years, correlation with Valence over the years
- Decrease in Happy songs over the years
- No Change in Chill songs over the years