Exploring Radiohead's Discography: Moderate Tempo and Low Danceability as Key Features*

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Introduction

Radiohead is one of the most influential alternative rock bands of the 21st century, known for their experimental music style. In this analysis, we explore some key audio features of Radiohead's songs using data retrieved from Spotify's API.

Methodology

Using the `spotifyr` package in R, we extracted the audio features for all of Radiohead's available tracks. Audio features such as tempo, danceability, and energy are analyzed to find patterns in the band's music.

Results

Average Tempo of Radiohead's Songs

```
  avg_tempo
1  118.1792
```

The average tempo of Radiohead's songs is calculated at r avg_tempo$avg_tempo beats per minute (BPM), showing that their music often falls within a moderate tempo range.

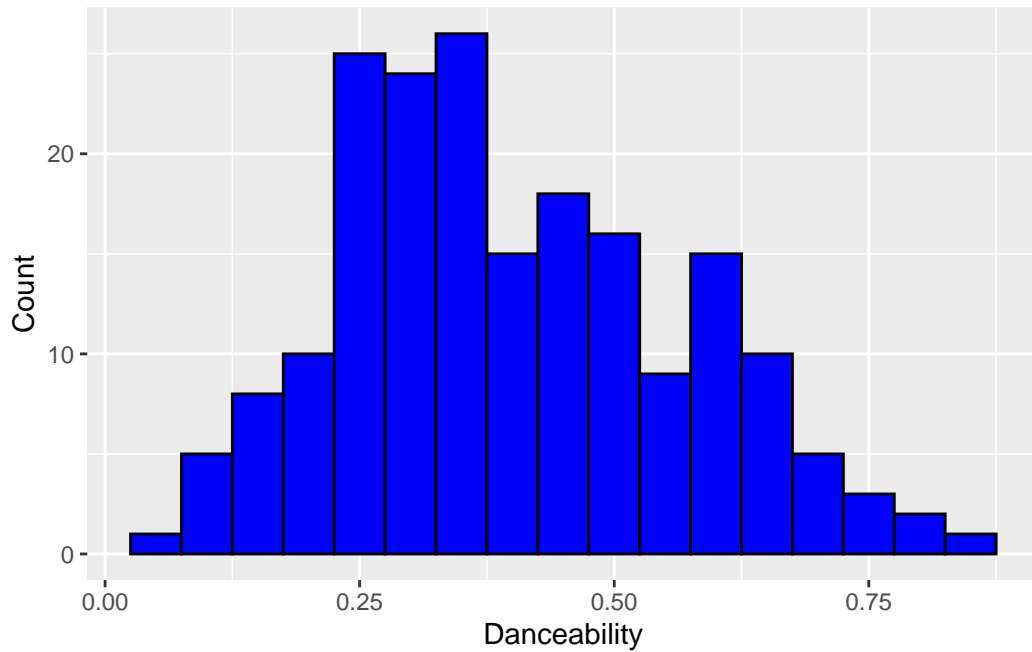## Distribution of Danceability

Figure 1: Danceability of Radiohead's Songs

The distribution of danceability values in Radiohead's songs shows that their music tends to have lower danceability scores, which aligns with their reputation for making complex, experimental tracks.

Discussion

Our analysis of Radiohead's audio features reveals that their songs have a moderate tempo and lower danceability. This supports the view that Radiohead's music is less focused on danceability and more on experimental and intricate song structures. Future studies could include comparing these findings with other bands to explore broader patterns in alternative rock music.