

1. Title

Average audio features for favourite songs and Oxford Happiness Score

2. Description

The data is obtained from 40 students of a university department in Malaysia. The collected data includes the happiness level based on the results from The Oxford Happiness Questionnaire that each respondent answered. Each respondent provided ten most listened to song at the current time. From the ten songs, a total of 356 unique songs were identified. The audio features of all the 356 songs were extracted through Spotify Web API. These features consist of eight parameters which are; danceability, energy, loudness, acousticness, instrumentalness, liveness, speechiness and valence. The set of average values for the audio features of the ten songs given by each respondent are identified and are taken as the features representing the types of songs liked by each individual.

3. Source

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4. Relevant Papers

Hills, P. & Argyle, M. 2002. The Oxford Happiness Questionnaire: a compact scale for the measurement of psychological well-being. *Personality and Individual Differences* 33(7): 1073–1082.

Kallinen, K. & Ravaja, N. 2002. Emotion perceived and emotion felt: Same and different. *Musicae Scientiae* 5: 123–147.

5. Citation Request

Bakar, M.A.A., Ariff, N.M. & Chze, T.P. 2021. Relationship between audio features and happiness scale among mathematics university students. *AIP Conference Proceedings* 2355: 060001.