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2023 IEEE Fifth International Conference on Advances in Electronics, Computers and Communications (ICAECC) : Submission (80) has been created.

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Thu, May 11, 2023 at 1:02 PM

Hello,

The following submission has been created.

Track Name: ICAECC2023

Paper ID: 80

Paper Title: From Notes to Numbers: An Analysis of National Anthems and their Association with Global Indicators

Abstract:

This paper investigates the connection between national anthems and different global indices. We analyze national anthem musical data to determine whether certain musical characteristics are associated with peace, happiness, suicide rate, crime rate etc. To achieve this, we collect national anthems from 169 countries and use computational music analysis techniques to extract pitch, tempo, beat and other pertinent audio features. We then compare these musical characteristics with data on different global indices to ascertain whether a significant correlation exists. Our findings indicate that there may be a correlation between the musical characteristics of national anthems and the indices we investigated. The implications of our findings for music psychology and policymakers interested in promoting social well-being are discussed. This paper emphasizes the potential of musical data analysis in social research and offers a novel perspective on the relationship between music and social indices.

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Secondary Subject Areas: Not Entered

Submission Files: From Notes to Numbers An Analysis of National Anthems and their Association with Global Indicators.pdf (125 Kb, Thu, 11 May 2023 06:45:12 GMT)

Submission Questions Response:

1. Contact number

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3. Keywords of the paper

musical features, music analysis, correlation, global indicators, clustering

4. Domain

Computer Science Engineering

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