

Problem Chosen

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Summary Sheet

Team Control Number

CB2024111

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# A Glimpse of Music Change through Influence Networks

## Summary

**Keywords:** Markov chains, Random forest algorithm, Hierarchical clustering

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# 1 Introduction

## 1.1 Problem Background

Here is the problem background ...

Two major problems are discussed in this paper, which are:

- Doing the first thing.
- Doing the second thing.

## 1.2 Literature Review

A literatrue[1] say something about this problem ...

## 1.3 Our work

We do such things ...

1. We do ...
2. We do ...
3. We do ...

# 2 Strengths and Weaknesses

- Strengths:

1.It is innovative to construct influence models through networks.

2.The selection of the network parameters of the influence network is scientific and reasonable.

- Weaknessess:

1.Because of the large amount of data, our model cannot analyze each genre thoroughly.

2.The indicators of the popularization model cannot be quantified, resulting in a low persuasibility of the model.

3.As time changes, artists in one genre may create music in other genre styles, and we cannot consider this situation.

4.We did not consider the impact that a collaboration between artists would have on the work.

## A document to the ICM Society

To whom it may concern,

Music, as an essential component of cultural heritage, contains tremendous value. In order to measure musical influence and to explore the evolutionary and revolutionary trends in examining artists and genres, we build a network model.

Other factors will have an impact on the music, and likewise, the music will have an impact on other factors. For example, the rise of rock music in the United States in the 1950s elevated white Americans' identification with blacks, eased the problem of racial tension in the United States, and made the country more culturally inclusive.

Yours Sincerely,

Team #2107542

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