In this paper, considering using graph data to represent music greatly reduces the amount of data and increases the efficiency of the model. The paper proposes Music-Graph2Vec. It converts the Word2Vec model used in traditional music investigations into Graph2Vec, and at the same time, converts sequence input into graph data to complete the task of music investigations.

S1: With the increasing of data, using Word2Vec to train music embedding is conceivable that the train time will continue to increase. Therefore, this paper proposes Music-Graph2Vec, which converts music sequence into a graph structure for processing, which is indeed a challenge.

S2: Generate pitch segment graph. Each node represents a pitch (there are only 12 pitches in the music graph, with a maximum of 4096 nodes), and the direction of the edges represents the order in which pitches appear. Meanwhile, assigning weights to nodes and edges represents different meanings. No matter how the music data set is expanded, the number of nodes and edges in the graph will not change, only the weight will change.

W1: Whether such a simple data conversion is reasonable? How much contextual information is lost and how much is retained?

W2: Lack of theoretical support. Whether the graph structure will affect the accuracy, which cannot be explained by only one experimental result.

W3: This paper is an application of Graph2Vec, not a new algorithm or system proposed. Can this support a paper? This paper only converts the sequence data into graph data, and then uses the existing model to perform training, which cannot be considered a new algorithm. At the same time, without system implementation and accelerated design, it cannot be called a system work.

D1: There are some detailed errors in the writing of the thesis:

（1）Page 2 Paragraph 5：graphto => graph to

（2）Page 8 Paragraph 1: 18-2064-80 => 16-2064-80 The title of the corresponding figure in Fig.4 completely copied the paragraph in Section 3.2, and this error still exists. （3）The titles of Fig.1, Fig.2, Fig.3 in the paper are highly repetitive with the content of the paper.

（4）Page 9 the title of Fig.4：segement => segment

（5）Page 9 Paragraph 2: 3/(3+1+2) => 3/(3+1) As the article said, the direction of the edge indicates the order of the pitch, so why is the probability of random walk added to the incoming edge?