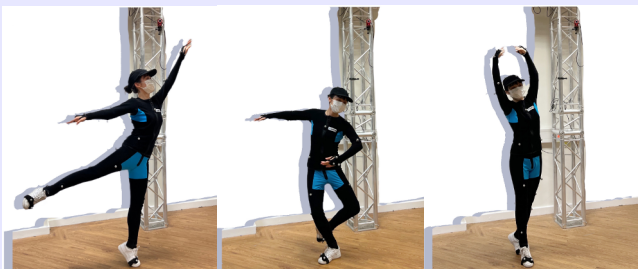
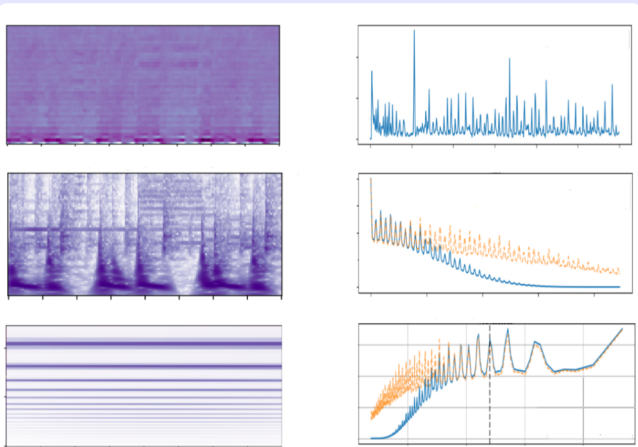


# Data

## Dance Motion Data



## Dance Music Data



## Text Description Data

**Task 1:** Ballet, choreo 1, expert, move 1

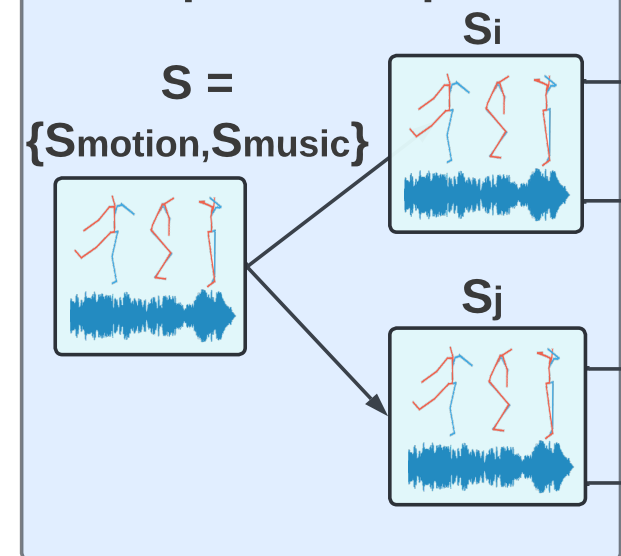
**Task 2:** The performance score is 55

**Task 3:** The beats alignment rate is 76%

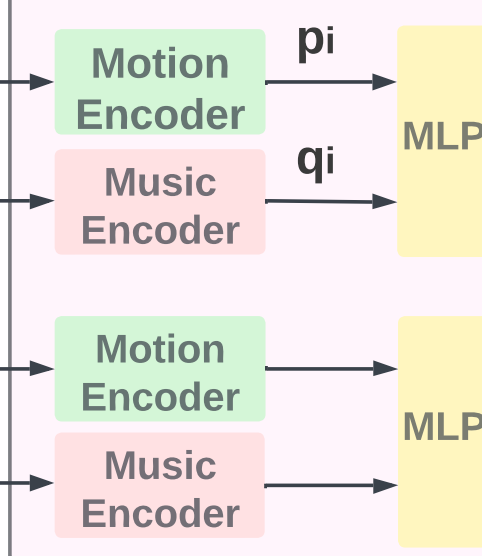
# Learning

## Pre-Train

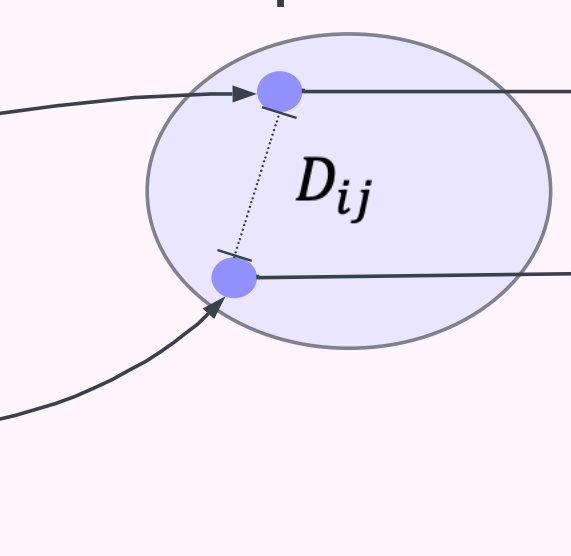
### Dance pieces for pre-train



### Encoders

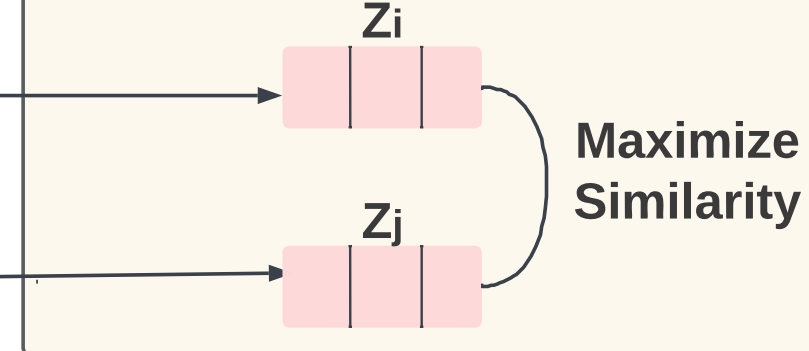


### Feature Representation

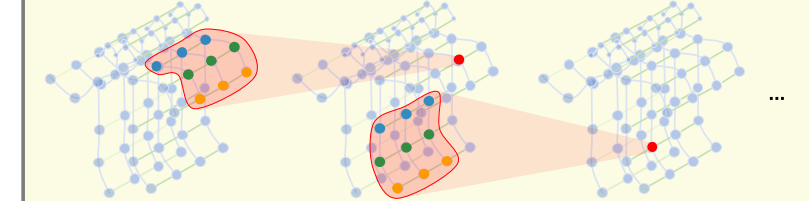


# Loss and Encoders

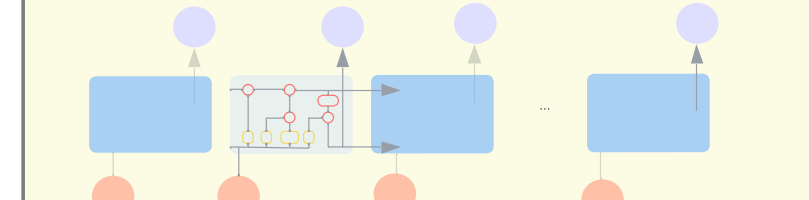
## InfoNCE Loss



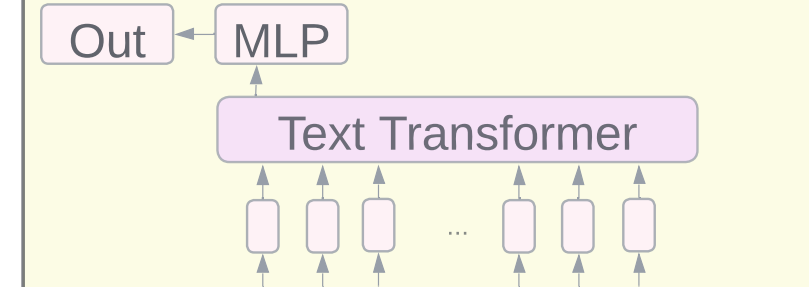
## Motion Encoder - ST-GCN



## Music Encoder - LSTM



## Text Encoder - Transformer



## Downstream Tasks

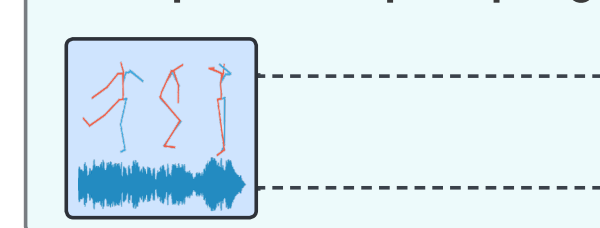


Frozen Modules

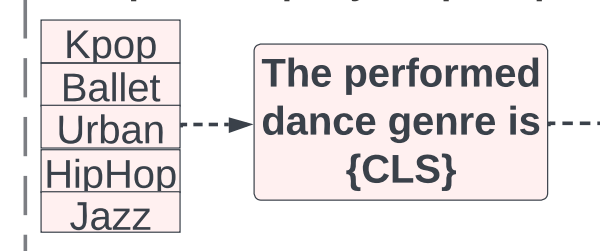


Trainable Modules

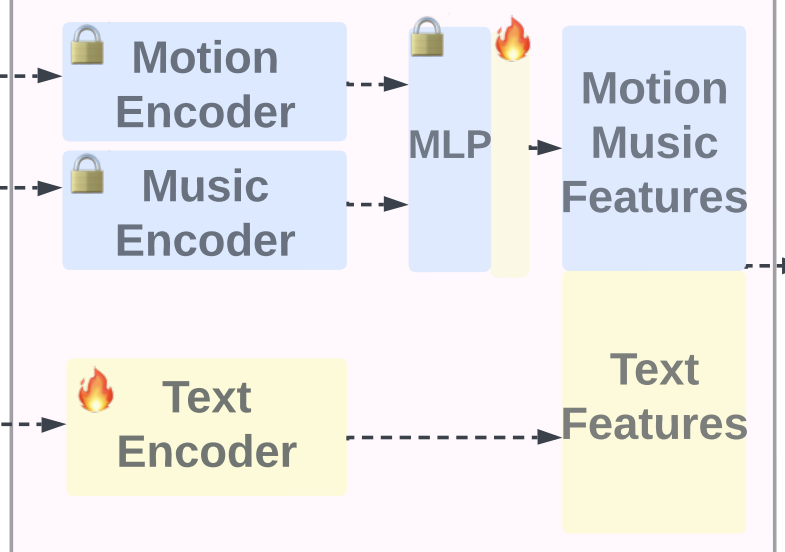
### Dance pieces for prompting



### Example text query for prompting



### Encoders



**Task 1: Classification**

Dance Vocabulary Recognition

**Task 2: Distribution**

Dance Performance Scoring

**Task 3: Regression**

Dance Rhythm Evaluation