



ROBUST MELODY TRACK IDENTIFICATION IN SYMBOLIC MUSIC Xichu Ma, Xiao Liu, Bowen Zhang, Ye Wang

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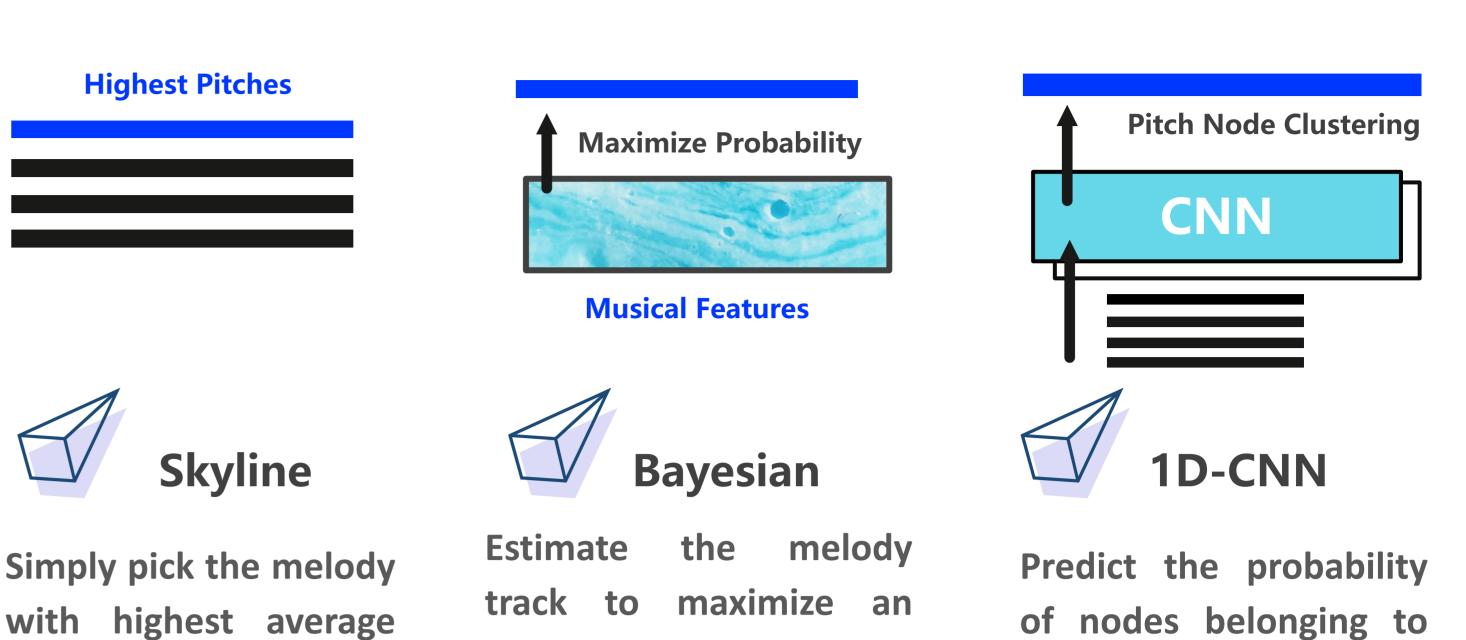
Problem Statement: Melody Track Identification (MTI)

To identify the single melody track from any MIDI input robustly.

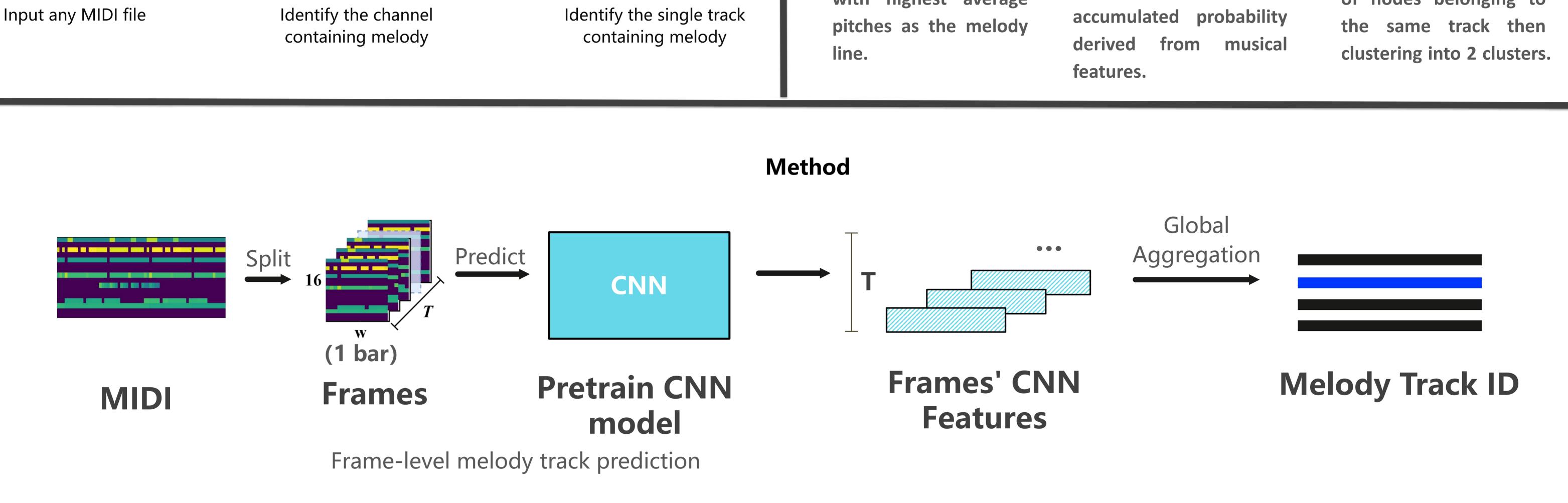
Identify

MIDI

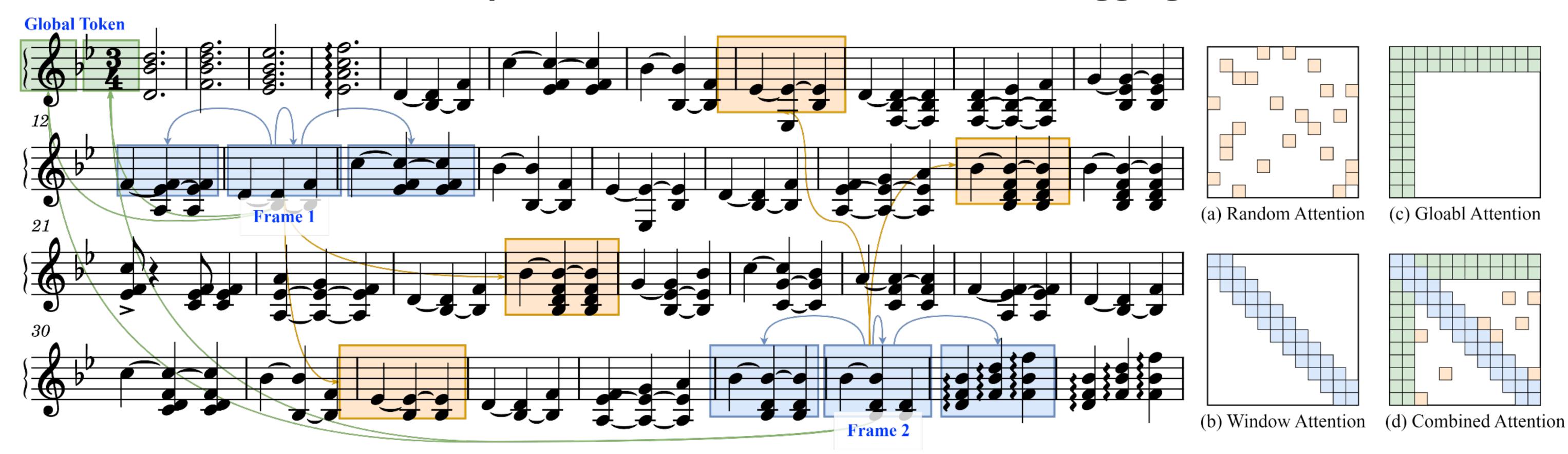
Channels



Related Works



Fine-tune Sparse Attention Transformer in Global Aggregation



Experiment Results

Accuracy & Speed

Benefits to Down-stream MIR Tasks

41.1%

41.51%

Genre

Classification

45.76%

