Testing Samples count:

42 audio files (.wav, 48 kHz) and 7 MIDI files (.mid)

Structure and Features:

- 4 music segments:

3 from known composers

J. S. Bach: Prelude in C (bars 1 - 11), labeled ***Bach***

Debussy: Arabesque No.2 (bars 5 - 14), labeled ***Debussy1***

Debussy: Arabesque No.2 (bars 28 - 36), labeled ***Debussy2***

1 from original composition

Mao: Gingko Leaves (bars), labeled ***Leaves***

- Performance: 7 events in total

Bach, Debussy1, and Debussy2 are performed by two different players (Chuk, Mao)

Leaves is performed by one player only (Chuk)

- MIDI documentation:

Real-time MIDI output (onset, offset, velocity, pedaling) recorded with the Yamaha Disklavier

Perfectly aligned with the actual performance audio

- Microphone:

1 spot pickup microphone (Sennherser MKH8040) and 2 near-field microphone (Neumann U87, Shure SM58) recorded clip for each performance

- Data Augmentation:

Pink noise is added to every performance clip via internal recording in Pro Tools

- Audio file naming:

[music piece]\_[player]\_[microphone]\_[if the clip has noise].wav

e.g. Leaves\_Alex\_Shure58\_Noised.wav / Debussy1\_Jiawen\_U87.wav

- MIDI file naming:

[music piece]\_[player]\_MIDI.mid

e.g. Leaves\_Alex.mid / Debussy1\_Jiawen.mid