

Exercise walk-through

2.1

Controlled experimentation: supported rehearsal

International Baccalaureate · IB Diploma · Music · HL

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The method

Method — Worked example

An experiment changes a purposeful variable and compares musical evidence. Keep pitches and instrument fixed initially if testing rhythm; then examine another variable in a new trial. Record intentions, observations and next decisions.

Task: version A uses equal durations, version B lengthens the first note and shortens the second while keeping total duration. Explain a useful comparison.

Compare accent, forward motion and phrase balance in actual recordings, using the same tempo and sound where feasible. The altered rhythm may emphasize the first note, but performance dynamics can also affect the result.

Method — Worked example

An experiment changes a purposeful variable and compares musical evidence.

Original source / task evidence

Task: version A uses equal durations, version B lengthens the first note and shortens the second while keeping total duration. Explain a useful comparison.

Separate what is stated from the interpretation.
Controlled experimentation

Original classroom evidence panel for Controlled experimentation

Exercises 2.1·3.1

2.1 For the worked case, identify the evidence and a conclusion it can support. Explain one material limit. [3]

3.1 Rhythm and timbre change together. How can the next trial improve attribution? Give a reasoned answer, evidence or method, and a relevant qualification. [3]

Exercises 2.1·3.1

2.1 For the worked case, identify the evidence and a conclusion it can support. Explain one material limit. [3]

2.1 Compare accent, forward motion and phrase balance in actual recordings, using the same tempo and sound where feasible. The altered rhythm may emphasize the first note, but performance dynamics can also affect the result. Authored points for identifying relevant evidence, explaining a supported inference and a material limit.

3.1 Rhythm and timbre change together. How can the next trial improve attribution? Give a reasoned answer, evidence or method, and a relevant qualification. [3]

3.1 Hold timbre, tempo and pitches comparable while varying rhythm, then test timbre separately if relevant. Record both versions and identify the audible event supporting the interpretation. Artistic exploration may combine changes, but its causal claim must acknowledge that combination. Authored points for a relevant judgement, reason tied to the case and justified qualification or method. Accept a supported alternative.