



Rhythmic Affinity

Hi!

Thank you for your interest in participating in this perceptual study. 💡 🧠
This research investigates rhythmic affinity within a multi-meter context. 🥁

What is this about? 🥁

? Rhythmic affinity, in our understanding, is a concept that describes the natural and pleasing relationship between two or more rhythmic patterns.

This happens when patterns, no matter how complex or seemingly unrelated, come together to create a sense of cohesion and flow rather than dissonance or conflict.

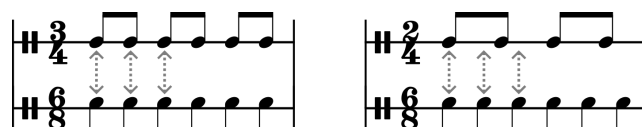
The concept revolves around the idea that individual patterns produce complementary results when arranged in particular ways.

For instance, the figure on the left consists entirely of distinct polygons that, once arranged together, evoke a sense of cohesion.

Similarly, the contour of the figure on the right also conveys complementarity, as two distinct silhouettes create a sense of cohesion. Depending on where we direct our attention, different features emerge.



A typical musical example is the hemiola rhythmic pattern (3 against 2 pattern), or any other polyrhythm.



SURVEY INSTRUCTIONS

These auditory perceptual tests aim to evaluate different methodologies. Participants will be asked to complete **three tasks** involving the ranking of rhythmic audio loops from high to low affinity.

All rhythmic loops use identical timbres to avoid frequency variability and potential bias. Each stimulus encompasses a consistent rhythmic ostinato played by a low-pitched note, combined with a varying rhythmic



In each task, you will be presented with a set of **8 audio loops** with a fake name for identification. Your task is to **rank them based on your perception** of rhythmic affinity, by placing loops with **high affinity at the top** and those with low affinity at the bottom.

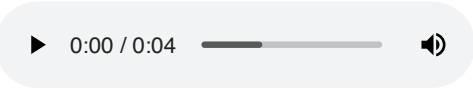
There are no right or wrong answers — your intuitive perception is what matters.

Each loop will appear in a playlist format with the following controls:

- Drag and drop the loop to the area on the right and then up or down to adjust its ranking.
- Play/Stop button: Controls playback for each loop.

Before beginning the survey:

- Check the audio level of your speakers or headphones using the provided **test sample**. While headphones are recommended, feel free to use your preferred listening setup.

TEST audio level 

When you're ready, click the **"NEXT"** button to begin.

After completing each ranking task, click "NEXT" to proceed to the following task.

If you experience some kind of fatigue during the survey, take a pause.

Once you've completed all three tasks, please answer a few basic questions and you are done.

This survey is completely anonymous, no other data is collected besides the survey questions.

Thank you very much for your participation! 🙏

There are 7 questions in this survey.

Next

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