



DEMO REPORT

Music & Dance

Dance is a performing art form consisting of sequences of movement, either improvised or purposefully selected. This movement has aesthetic and often symbolic value. Dance can be categorized and described by its choreography, by its repertoire of movements, or by its historical period or place of origin.

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3 entries

Full View

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Musical Aptitude

This result is based on 3 genetic variants associated with "Musical aptitude"



Music & Dance

Your results

Less likely to have musical aptitude



Description

Musical aptitude refers to a person's innate ability to acquire skills and knowledge required for musical activity, and may influence the speed at which learning can take place and the level that may be achieved. Study in this area focuses on whether aptitude can be broken into subsets or represented as a single construct, whether aptitude can be measured prior to significant achievement, whether high aptitude can predict achievement, to what extent aptitude is inherited, and what implications questions of aptitude have on educational principles.

Learn more



Musical Beat Synchronization

This result is based on **6 genetic variants** associated with "Musical beat synchronization"



Your results

More likely to be able to synchronize to a musical beat



Description

Our tendency to perceive, create, and appreciate rhythms in a variety of contexts (e.g., speech, music, movement) is a key feature of the human experience. Rhythmic patterns provide predictable and robust sensorimotor structure to every-day interactions, helping guide our attention to communicatively important moments in time. Even young children are sensitive to the social and linguistic signals carried by rhythm and parents use rhythmic vocalizations and synchronous movement (e.g., lullabies and rocking) to interact with their infants from birth. Rhythmic musical interactions are structured around the percept of a stable periodic pulse (termed the "beat" in Western music and present in music of most cultures, though its precise instantiation in musical structure varies cross-culturally). While music in general and rhythmic structures in particular vary globally, there is evidence that hierarchical beat structure of most music is robust to cultural transmission and indeed common in many types of music.

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Perfect Pitch

This result is based on **3 genetic variants** associated with "Perfect Pitch"



Your results

Highest ability to differentiate tones



Description

Perfect pitch is a rare ability of a person to identify or re-create a given musical note without the benefit of a reference tone. AP may be demonstrated using linguistic labeling ("naming" a note), associating mental imagery with the note, or sensorimotor responses. For example, an AP possessor can accurately reproduce a heard tone on a musical instrument without "hunting" for the correct pitch.

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