Dataset description

This dataset comprises participant responses to two main tasks: 1) the clip response task, a questionnaire presented after each of the 17 music clips in which participants provided responses regarding their experience of the music (e.g., thoughts, familiarity, liking, genre perception, contextual associations) and 2) a genre exposure questionnaire, in which participants indicated their prior listening frequency to each of the 17 genres presented in the study. The dataset also includes participants demographics survey, including questions regarding headphone usage, hearing impairments, educational background, and self-reported musicianship level.

Column header descriptions

group:
randomly assigned listening group (21 groups)

genre:
music clip genre as specified by **last.fm** / **IMDb.com** during the stimuli collection process

familiarity:
music clip labelled familiarity from the stimuli collection process

clip_name:
the shortened name of the music stimulus clip

File_ID:
randomly generated participant ID

PROLIFIC_PID:
participants Prolific ID

expName:
experiment group assigned by participants age group and country of living according to their Prolific profile

date:
the date participants completed the experiment

clip_response.Thoughts:
thought types selected, multiple choice

clip_response.otherThoughts:
(conditional) text description of 'other thoughts' provided if "Other" thoughts option selected prior, free-text/NA

clip_response.Contrast:
rated perceived musical contrast throughout the 30-second clip, Likert scale 1-5 (1: stayed the same, 5: changed a lot)

clip_response.Familiarity_style:
rated familiarity with the style of music, Likert scale 1-5 (1: very unfamiliar, 5: very familiar)

clip_response.Familiarity_specific:
rated frequency of having heard the specific song/piece before, Likert scale 1-5 (1: never heard, 5: heard a lot)

clip_response.Valence:
rated perceived negative to positive emotion expressed by the music, Likert scale 1-5 (1: very negative, 5: very positive)

clip_response.Arousal:
rated perceived energy level of the music, Likert scale 1-5 (1: very low energy, 5: very high energy)

clip_response.Enjoyment:
rated enjoyment of the music clip, Likert scale 1-5 (1: not at all, 5: very much so)

clip_response.Genre_1:
perceived primary music genre, single choice (15 options, Ambient – Video game music)

clip_response.Genre_2:
(optional) second perceived music genre if participants wished to indicate a secondary genre, single choice (15 options, Ambient – Video game music)

correct_genre:
indicates if participants perceived genre matched the music clip label in either the Genre_1 or Genre_2 response, TRUE/FALSE

clip_response.Creation_time:
perceived decade in which the music clip was created, single choice (Earlier than 1960, 1960s, 1970s, 1980s, 1990s, 2000s, 2010s, 2020s)

correct_time:
indicates if participants perceived creation decade matched the music clip label *only* regarding to the Sixties and Eighties music clips, TRUE/FALSE

clip_response.Creation_location:
perceived continent in which the music clip was created or is from, single choice (Africa, Asia, Australia Europe, Latin/South America, USA/Canada)

clip_response.contextual:
text description of participants contextual associations with the music clip

genre_exposure.60s:
rated listening frequency to Sixties music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.80s:
rated listening frequency to Eighties music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.ambient:
rated listening frequency to Ambient music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.classical:
rated listening frequency to Classical music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.country:
rated listening frequency to Country music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.dance:
rated listening frequency to Dance music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.electronic:
rated listening frequency to Electronic music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.film:
rated listening frequency to Film music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.folk:
rated listening frequency to Folk music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.funk:
rated listening frequency to Funk music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.hiphop:
rated listening frequency to Hip-hop music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.jazz:
rated listening frequency to Jazz music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.metal:
rated listening frequency to Metal music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.pop:
rated listening frequency to Pop music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.rnb:
rated listening frequency to R&B music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.rock:
rated listening frequency to Rock music, Likert scale 1-5 (1: never, 5: regularly)

genre_exposure.VGs:
rated listening frequency to Video game music, Likert scale 1-5 (1: never, 5: regularly)

demographics.headphones:
reported headphone usage for the study, (TRUE: able to wear headphone for the entirety
of the study, FALSE: was not able to wear headphones for the entirety of the study)

demographics.age:
current age in years

demographics.gender:
Female, Male, Other, Prefer not to say (pnts)

demographics.livingCountry:
what country the participant currently lives in

demographics.birthCountry:
the country in which the participant was born

demographics.nativeLanguage:
the participant's native language, free-text

demographics.otherLanguage:
reported fluency in any other language, TRUE/FALSE

demographics.otherLanguageText:
the other language/s the participant could speak fluently, free-text/NA

demographics.hearingImpairments:
reported hearing impairment, TRUE/FALSE

demographics.hearingImpairmentsText:
(conditional) description of the hearing impairment and if any correction measures were being taken, free-text/NA

demographics.education:
indicates the highest education qualification attained, 1-7 (1: Primary school/Elementary school, 2: UK GSCE/National 5s, 3: UK A-Level/Scottish Highers, US High School Diploma, 4: Currently pursuing undergraduate degree, 5: Completed undergraduate degree, 6: Currently pursuing graduate degree (Masters, PhD, or equivalent), 7: Completed graduate degree (Masters, PhD, or equivalent))

demographics.musicianIdentification:
self-reported musicianship level, 1-6 (1: Nonmusician, 2: Music-loving nonmusician, 3: Amateur musician, 4: Serious amateur musician, 5: Semi-professional musician, 6: Professional musician)

demographics.feedback:
(optional) any feedback participants wished to report at the end, free-text/NA