

music + technology

@ICMPCESCOM

tools



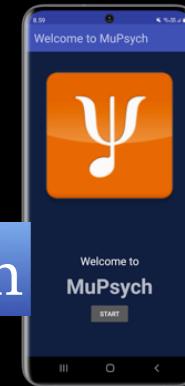
Entrainment & 4E

Rhythm

Methods and Innovation

Emotion and cognition

Music Technology



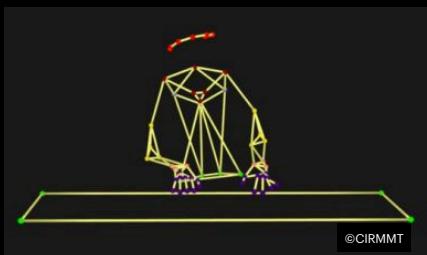
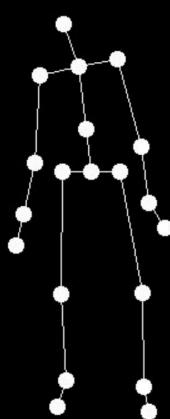
psychTestR 2.23.0



MIRtoolbox

audio and music processing in Python

movement & computer vision

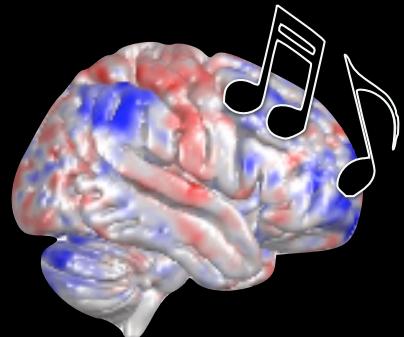


Music Therapy Embodiment

Rhythm: Drumming | Methods | Rhythm | Entrainment & 4E

neuroscience

Digital
Signal &
Image
Processing



Statistics

Rhythm (Neuro) NeuroscienceEEG Neural Processing

Perception: Physiology/Brain Activity

Neural processing and individual differences

Adapting Neurologic Music Therapy to a Virtual World: From Basic Research to Practice

physiology

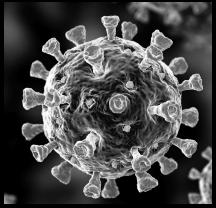


Cross-modality | Audio-visual | Aesthetics

Music & Health (Clinical) | Music Technology + Special ones

Learning | Rhythm | Implicit Processes

Perception: Physiology/Brain Activity



learning, performance, & pedagogy

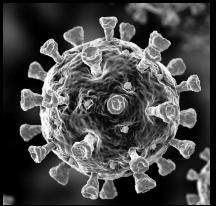


Music & language

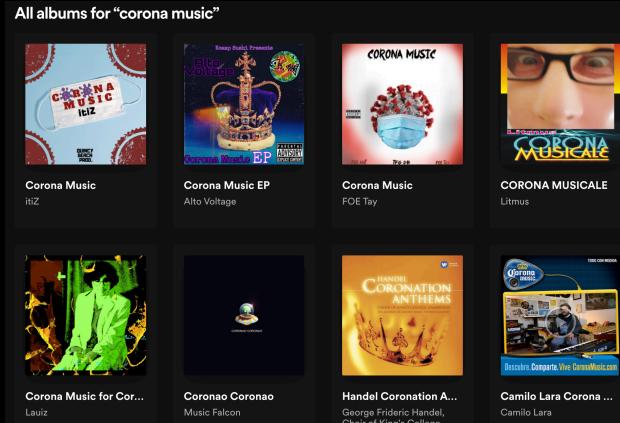
Communication and interaction

Music Education

Learning



online music streaming



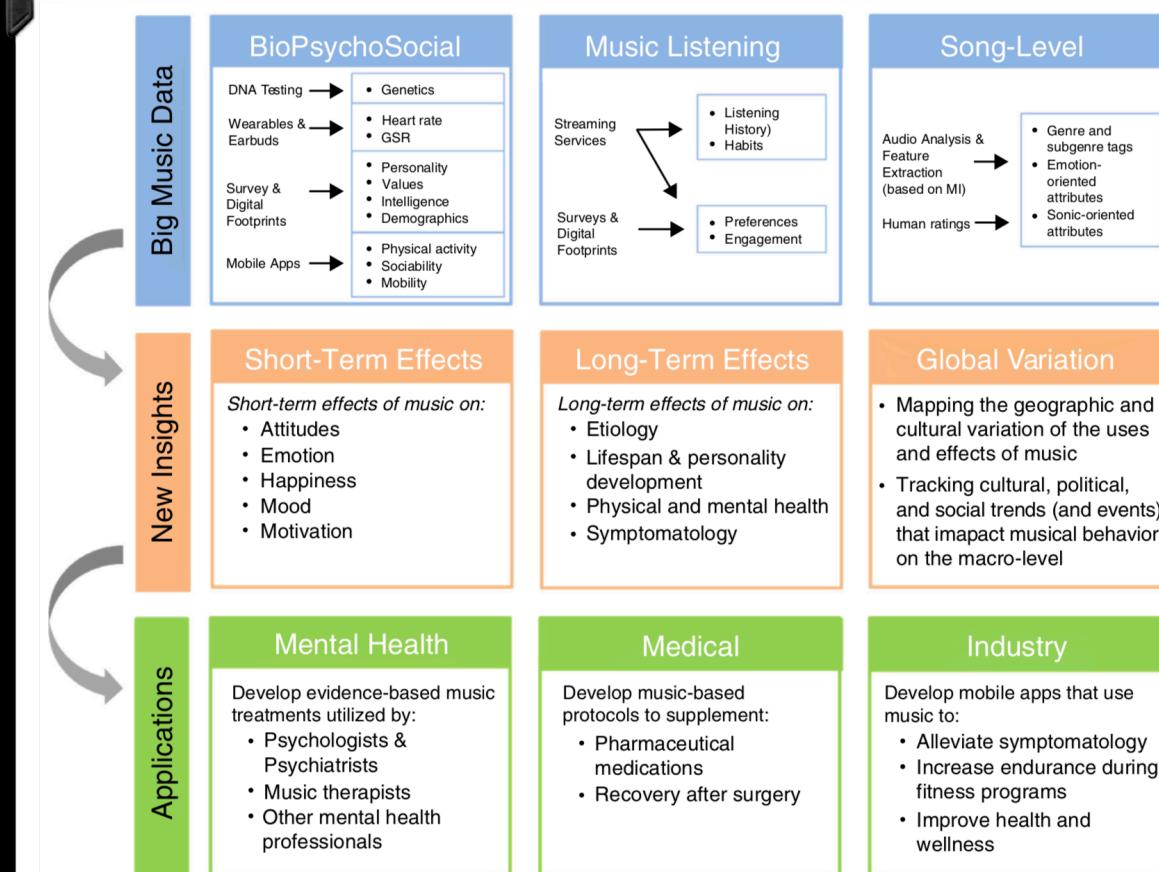
Classifying Music (Covid & Memory)

Music and Covid Symposium

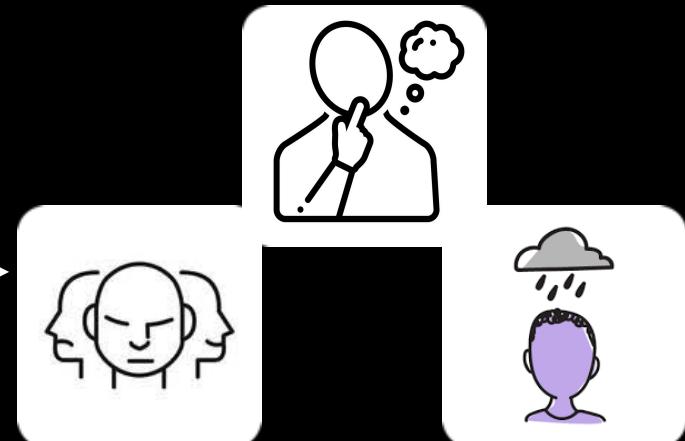
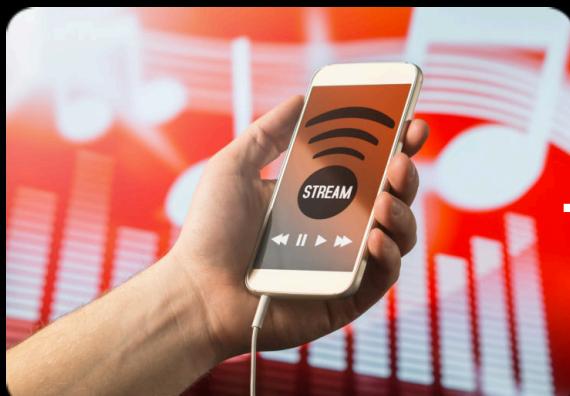
MUSICCOVID: coping through crisis with music

Music and big data: a new frontier

David M Greenberg^{1, 2✉}, Peter J Rentfrow³



multimodal representation of the self



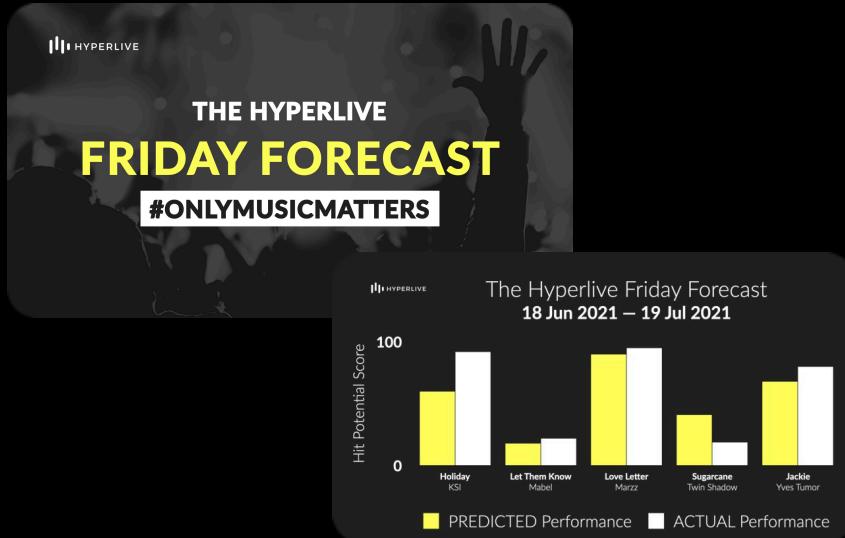
Individual differences

Music Technology (Emotion from Language)

Music Technology

Music Technology (Online Streaming)

artist popularity and hit song predictions



Country-Specific Music

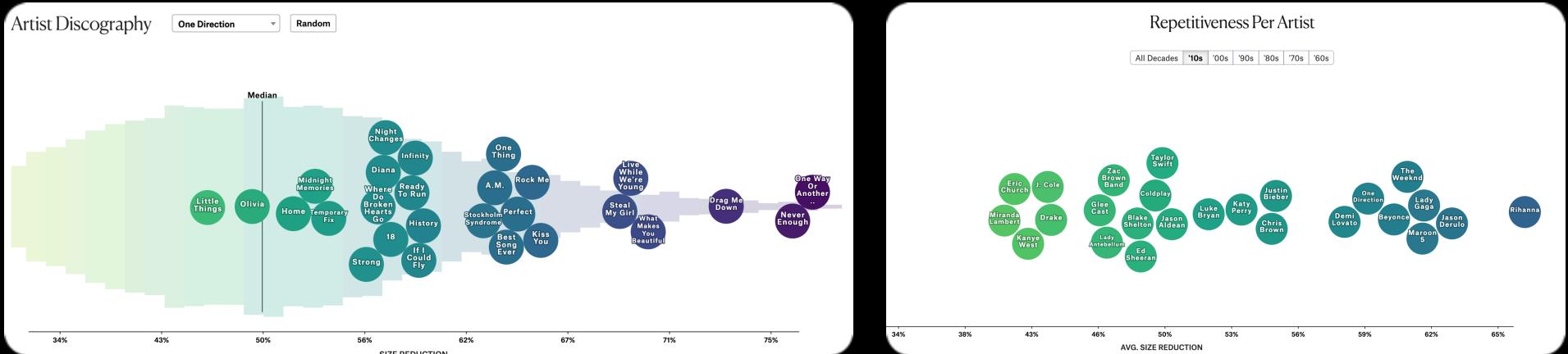


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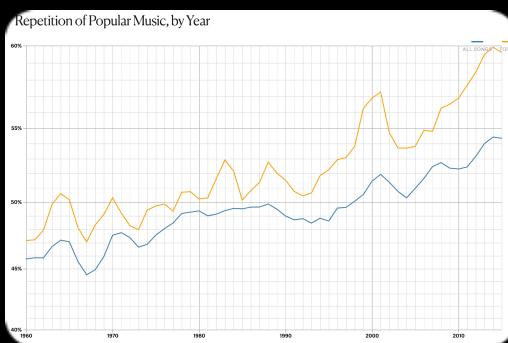
Global music comparisons

A Cultural Psychological Perspective to Music Preference in Contemporary Society

music trends

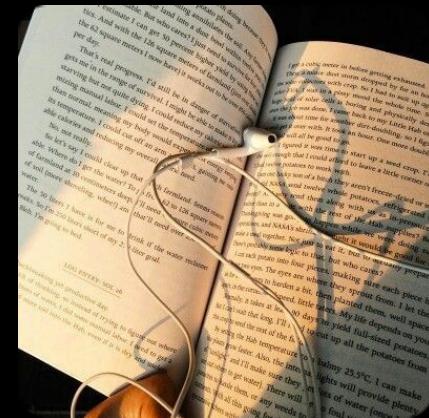
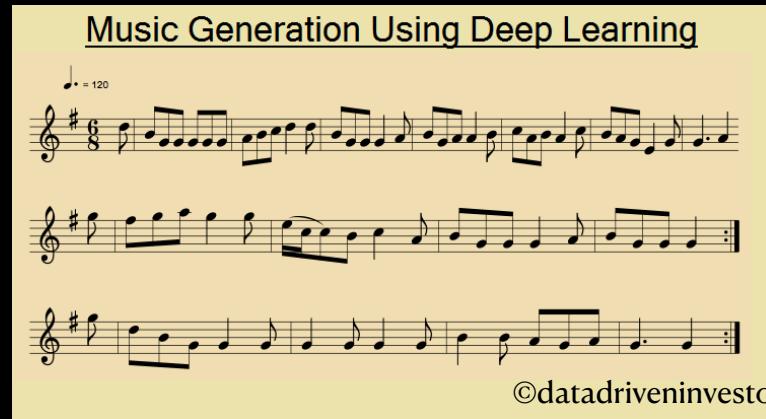


©CollinMorris - <https://pudding.cool/2017/05/song-repetition/>



Music in everyday life

music retrieval (for tasks) and generation



Music Technology (Emotion from Language)

Music for shopping and advertisement