IThink I Like What I'm Feeling: A Pilot Study Examining One's Liking of Happy and Sad Songs
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## Background

The paradox that people listen to sad music even though it makes them feel bad was of major
interest. Past research has shown that feeling sad can be both beneficial and hazardous to our interest. Past research has shown that feeling sad can be both beneficial and hazardous to our heath. One benefit, Levinson (1997) suggests, is that people are rewarded through listening
to sad songs by liking the experience of having the emotion Schellenberg Peretz and to sad songs by liking the experience of having the emotion. Schellenberg, Peretz, and
Vieillard (2008) investigated liking happy versus sad songs on formilirity but they did analyze the relationship between the strength of the emotions felt and liking for the song.
Even though past experiments have found that slow music in a minor modality is sad and Even though past experiments have found that slow music in a minor modality is sad
that fast music in a major modality is happy, their method chosen to determine this dichotomy was that of forced choice between happy and sad (Larsen \& Stastny, 2011;
Webner \& Weir, 2005) in addition to pleasant and unpleasant feelings (Hunter, Schellen \& Schimmack., 2008). Therefore, more analyses need to be done to see if happy and sad music could evoke different emotions or if they are purely happy and sad.

## Hypotheses

One of the purposes of this study was to see if liking for sad music is positively correlated with the felt intensity of the sad emotion like Levinson (1997) suggested happens. The second purpose of this study was to see if either sad or happy music evokes other emotion Therefore, the following hypotheses were proposed.

Hypothesis 1: Sad music will evoke sadness, and happy music will evoke happiness.
Hypothesis 2: People will like the happy songs more and the sad songs less than the neutral songs.

Hypothesis 3: People will feel happiness from the music stronger than they
feel sadness from the music.
Hypothesis 4: There will be a significant correlation between felt intensity of sadness and liking sad music

## Method

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listen to six songs total, two to induce happiness, two to induce sadness, and two intended to
be neutral
Happy Songs: 1) Vivaldi's Concerto (Sinfonia) in D Major
2) Mozart's Concerto Number 23, Third Movement
Neutral Songs: 1) Moby's Hymn
Sad Songs: 1) Debussy's Prelude: Des Pas Sur La Neige
2) Albioni's Adagio
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## Discussion


 songs induced other reazitive emoioins

The songs were probably unfamiliar to the participants and could explain the low overall liking scores. These overall means are similar to Schellenberg et al (2008) who used unfamiliar classical music to induce mood, but they found that liking for sad music increased only if people had heard the song before while doing an unrelated task and that music overall is liked more as the listener is exposed to it.

Clair and Memmott (2008) states that people have to be satisfied with the music for them engage in the treatment so that nonmusical outcomes can occur. Although engagement was not measured, feeling satisfied was positively correlated with nonmusical outcomes across multiple songs and seems to be an important elemen.

FIGURE ONE
Happiness, Sadness, and Liking Ratings Per Song



| References <br> - Clair, A. A., \& Memmott, J. (2008). Therapeutic Uses of Music with Older Adults. Silver Spring, MD: American Music Therapy Association, Inc. <br> - Hunter, P. G., Schellenberg, E. G., \& Schimmack, U. (2008). Mixed affective responses to music with conflicting cues. Cognition and Emotion, 22(2), 327-352. <br> - Larsen, J. T., \& Stastny, B. J. (2011). It's a bittersweet symphony: Simultaneously mixed emotional responsed to music with conflicting cues. Emotion, 11(6), 1469-1473. <br> - Levinson, J. (1997) Music and negative emotion. In J. Robinson (Ed.) Music and meaning (pp. 215-241). Ithica, NY: Cornell University Press. <br> - Schellenberg, E. G., Peretz, I., \& Vieillard, S. (2008). Liking for happy- and sad-sounding music: Effects of exposure. Cognition and Emotion, 22(2), 218-237. <br> - Webster, G. D., \& Weir, C. G. (2005). Emotional responses to music: Interactive effects of mode, texture, and tempo. Motivation and Emotion, 29(1), 19-39. |
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