

Ending on a familiar note: Song Study (Chosen vs. Opposite Song) (#78126)

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1) Have any data been collected for this study already?

No, no data have been collected for this study yet.

2) What's the main question being asked or hypothesis being tested in this study?

In the context of endings, chosen repeat experiences will be more enjoyable than chosen novel experiences, and this difference will be even larger for repeat experiences that were assigned against one's chosen preference (for a novel experience) and novel experiences that were assigned against one's chosen preference (for a repeat experiences).

3) Describe the key dependent variable(s) specifying how they will be measured.

Choice DV (forced choice): Participants will choose to listen to 1 of 2 songs (a familiar song vs. a novel song, presented in randomized order - as both first indicated by the participant in Phase 1 of the study, where participants will identify one of each kind of song via YouTube and give us the link information, which we will then pipe into Phase 2 where they actually listen to their choice). This measure is crucial to the design of the study, but our key dependent variable is the enjoyment rating described below.

Enjoyment rating: Participants will complete a single item rating their experience of listening to a song played during the survey: "How was your experience of listening to the song?" (1 = very negative to 11 = very positive, midpoint: 6 = neutral). The song will either be a familiar song or a novel song - as both first indicated by the participant in Phase 1 of the study, where participants will identify one of each kind of song via YouTube and give us the link information, which we will then pipe into Phase 2, where they actually listen to one of the songs.

4) How many and which conditions will participants be assigned to?

Participants will be randomly assigned to condition via a 2 (song-choice assignment, between-subjects: Chosen vs. Opposite) cell design.

All participants will learn that we will conduct a random lottery for participants, and that those who consent may be asked to engage in a self-control task in which they will give up listening to music for 1 week. Participants either provide their consent or not: "Are you willing to proceed, knowing you might be asked to do this?" (forced choice: Yes; No). The study will only include participants who consent to this lottery.

All participants are assigned to give up listening to music for 1 week, starting immediately after the study is completed.

As described earlier, in Phase 1, all participants will identify a familiar song and a novel song via YouTube and input the link information into the survey, which will then pipe into Phase 2 where they will choose to listen to one of these songs, but we will randomly assign whether they listen to their chosen song or their unchosen song.

-- In the Chosen Song condition, participants will be assigned to listen to whichever song they chose to listen to.

-- In the Opposite Song condition, participants will be assigned to listen to whichever song they did not choose to listen to.

5) Specify exactly which analyses you will conduct to examine the main question/hypothesis.

We will conduct a linear regression with song-choice assignment (chosen vs. opposite), familiarity of the assigned song (i.e., familiar vs. novel), and their interaction as IVs and enjoyment as the DV). We hypothesize a significant song-choice assignment*familiarity of the assigned song interaction, such that chosen repeat songs will be more enjoyable than chosen novel songs, and unchosen repeat songs (that were experienced instead of chosen novel songs) will be even more enjoyable than unchosen novel songs (that were experienced instead of chosen repeat songs); we will conduct individual pairwise comparisons across these sets of conditions to tease apart their specific significance levels).

6) Describe exactly how outliers will be defined and handled, and your precise rule(s) for excluding observations.

Only participants who indicate in the lottery question that they would be willing to give up listening to music for 1 week (if selected to do so) will remain in the main study.

We will also restrict the study from anyone who took the study preregistered at AsPredicted under ID# 77848. And ID# 77999.

7) How many observations will be collected or what will determine sample size? No need to justify decision, but be precise about exactly how the number will be determined.

We will request 500 "Cloud Approved" participants from Cloud Research, to allow for ~250 per between-subjects cell). We've programmed the study such that participants who are screened out will not count toward this quota; thus, we expect to yield ~500 successfully-screened participants via this procedure.

8) Anything else you would like to pre-register? (e.g., secondary analyses, variables collected for exploratory purposes, unusual analyses planned?)

Participants will complete our screener item about willingness to potentially participate in the self-control study; any participant who says "no" will be piped out of the study and end their participation.

Then, they'll follow instructions to enter familiar and novel song links (plus song/artist name, for our records), in randomized order.

Participants then learn about the ending context, then listen to their assigned song (all programmed within the survey); then they will complete a manipulation check about how much they felt it'd be their last chance to listen to music for 1 week (1 = definitely wasn't imagining this; definitely was imagining this); an attention check of their understanding of the ending context (forced choice, control vs. last-chance option); any technical errors/confusions (forced-choice: yes [explain] vs. no); a no-penalty honesty check about whether we should trust their responses as genuine (forced-choice: yes vs. no); and demographics (gender, race/ethnicity, age)

We're collecting these items for descriptive purposes, to get a sense of participants' experiences. If the study ends up in a paper, we plan to reanalyze our results with relevant exclusions (e.g., attention check failures) and report these results in an SOM document for thoroughness.