

Request #: 560 - PSY - Thesis

The Relation of Delay Discounting to Implicit Racial Bias and Racial Attitudes

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July 08, 2021

Background

Delay discounting is related to many social significant behaviors, yet there is no research on the potential relation between delay discounting and racial bias. Although researchers have studied the relation between explicit and implicit racial bias measures (Akrami & Ekehammar, 2005; Farrell & McHugh, 2020), researchers have yet to examine the potential association these different types of bias may have with impulsive choice (i.e., delay discounting). Furthermore, the literature has not addressed the relation between behavioral inhibition and implicit racial bias. Thus the two main objectives of the proposed study are to examine in White participants the relation between 1) delay discounting and racial bias 2) behavioral inhibition and racial bias.

Sample

I have not collected data. I plan to collect data from Amazon Mturk employees. The sample size is still undetermined, however, we are aiming for <300. We will collect data on 5 measures and 6 demographic questions (plan to use as covariates).

Hypothesis

H1: People with lower Delay discounting AUCs will have higher D-scores (i.e., implicit racial bias) and low cultural empathy. H2: People with higher-stop signal reaction times (i.e., behavioral inhibition) will have higher D-scores (i.e., implicit racial bias) and low cultural empathy. Main research question: Do people who steeply discount delayed rewards and have poor behavioral inhibition hold negative Latino bias? Are delay discounting and racial bias related? Are behavioral inhibition and racial bias related?

Progress

Very little. I am currently trying to simulate multiple regressions to collect effect sizes for each measure across various ranges of sample sizes.

Request

Help me conduct the Monte Carlo power analysis. Also, provide any consultation on the analysis we have chosen.

Timeline

I have to run this analysis as soon as possible at the latest by the end of July.