

Pre-analysis plan update:

# Racial Discrimination in Seeking Advice

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This short PAP follows-up on the pre-analysis plan uploaded on May 11, 2020. In order to better understand our results in the original study, we decided to collect additional data and we register how we plan to use it for our additional analyses.

## STUDY MOTIVATION

We set up a short survey (using Qualtrics) that tests if the sample in the original experiment exhibits discriminatory behavior on a different domain.

## SAMPLE

- We invite all participants who completed both rounds of the original study. In case of low response rates (less than 500 participants), we would invite additional MTurk workers, who did not participate in our previous study, to collect 500 responses in total (approx. 250 per white/black round 1 treatment).

## STUDY DESCRIPTION

In a simple allocation task (originally in Bartos, Bauer, Cahlikova, and Chytilova 2021), original study participants will be asked to allocate rewards to several persons. Participants can allocate a reward of between 0 and 10 USD. The default allocation is 5 USD. Participants need to make an active choice of a reward. Persons (recipients of rewards) are described in a short profile. There will be two such recipients, but this exact number is not known to the participants ex-ante. One recipient is African-American, one recipient is white. Both recipients are male, aged between 20-40 years old, and reside in the US. We randomly manipulate whether participants first allocate rewards to the African-American recipient or to the white recipient. The other recipient is introduced only after the first reward is allocated. The two rewards are independent, hence, no strategic behavior is involved. The participants face no direct monetary costs by allocating a reward to the recipient but also gain no direct material benefit. The recipients are described as individuals who did not participate in our study. This further relaxes any strategic considerations such as expectation of reciprocity.

## ANALYSIS

1. In case average rewards allocated to the African-American recipient are lower than rewards allocated to the white recipient in the first round of decisions, we describe the sample as discriminating against African-Americans. We use a two-sided t-test and a regression analysis following section 3.2 in the original PAP. In this regression, we regress the reward variable on a binary treatment variable (variable  $B_i$  in original PAP section 3.2), indicating African-American recipients in the first decision. We use the strata variables as controls (matrix  $X_i$  in original PAP section 3.2).
2. We describe an individual as a discriminator against African-Americans if that individual proposes a strictly lower reward to the African-American recipient than to the white recipient. We use this binary classification to conduct a further heterogeneity analysis in the main experiment (see Section 3.3. of the original PAP to see the details of this analysis; we follow the exact procedures as for any other heterogeneity check).

## SCREENSHOTS / DESIGN

### HIT DESCRIPTION

**Title:** Propose rewards to others

**Short description:** Propose rewards to other persons (3 minutes / \$0.5 fixed reward)

#### **Long description:**

We will ask you a few quick questions and then you will propose rewards to several other persons.

The HIT will take around 3 minutes. You will be paid a fixed reward of 0.5 USD.

All data will be analyzed anonymously and will never be shared with any third party.

Click on the following Link and follow the study instructions. Note the secret key found at the end of the study which you will need to complete the HIT.

Time allotted: 10 minutes

# QUALTRICS

## Welcome screen

**Welcome and thank you for joining our study.**

We are a non-partisan group of academic researchers. Our goal is to understand how people perceive others. Your participation in this HIT contributes to the success of our research project.

The study takes around 3 minutes to complete.

Notes:

- If you accidentally close the browser, just open the link on mTurk again (using the same browser and same device). You will be redirected to the website and you will not lose the work you have done so far.
- Your participation in this HIT is voluntary, and you may withdraw your participation or your data at any time without any penalty. The data will only be used for research purposes and never for identification purposes.

**Please enter your Worker ID.**

- Because your payment depends on this information, make sure that the ID is correct. Your Worker ID can be found at the top left corner of your dashboard account page.

Demographics / strata variables

As the first step, we would like you to provide some basic information about yourself.



What is your race or origin? (select the one that best describes you)

White

Black or African American

Hispanic, Latino, or Spanish

American Indian, or Alaska Native

Asian Indian

Chinese

Filipino

Japanese

Vietnamese

Other Asian

Native Hawaiian

Guamanian or Chamorro

Samoan

Other Pacific Islander

Some other race



What is the highest degree or level of school you have COMPLETED? (if currently enrolled, select the previous grade or highest degree received)

No schooling completed

Nursery school

Kindergarten

Grade 1 through 11

12th grade, no diploma

Regular high school diploma

GED or alternative credential

Some college credit, but less than 1 year of college credit

1 or more years of college credit, no degree

Associate's degree (for example: AA, AS)

Bachelor's degree (for example: BA, BS)

Master's degree (for example: MA, MS, MEng, MEd, MSW, MBA)

Professional degree beyond Bachelor's degree (for example: MD, DDS, DVM, LLB, JD)

Doctoral degree (for example: PhD, EdD)



In which U.S. state is your usual residence (the place where you live most of the time)?

Alabama

Alasca

Arizona

Arkansas

California

Colorado

Connecticut

Delaware

District of Columbia

...

Utah

Vermont

Virginia

Washington

West Virginia

Wisconsin

Wyoming



## Instructions and attention check

Now, you will make several decisions that can have a real impact on someone else's financial reward.

- We will ask you if you want to increase or decrease the reward of several persons.
- Each of them is a different person, but none of them is a participant in this survey.
- At the end of this survey, we will randomly select thirty participants and select one of their decisions that will determine someone else's reward. Therefore, please, make careful decisions, as each of your decisions can play a role.

Please make a decision for each person:

- If you do not change the reward, the person will receive 5 USD.
- You can choose to increase or decrease the reward to any amount between 0 USD and 10 USD.
- Please use the slider to specify a reward for each person.

To ensure that participants follow the instructions, we have included a question about your participation in earlier MTurk HITs at the end of this page. Regardless of what the true answer is, just fill in the number "51" (without the quotation marks). Similar questions may be asked later.

**How many MTurk HITs have you ever participated in?**



Reward allocation (order randomized)

On the following pages, we ask you to determine the reward. We will provide a brief description of each person to be rewarded.



**A person who is male, between 20 and 40 years old, living in the US, and white.**

*Use the slider to select the reward between 0-10 USD for this person.*

0    1    2    3    4    5    6    7    8    9    10

Reward



**A person who is male, between 20 and 40 years old, living in the US, and African-American.**

*Use the slider to select the reward between 0-10 USD for this person.*

0    1    2    3    4    5    6    7    8    9    10

Reward

