

Free Rider Project-Study 2, October 2016 (#1540)

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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?

Whether children would negatively evaluate free riders compared to contributors, even when the free rider doesn't cause a negative outcome to the group product.

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

One dependent variable is children's views about free riders, based on two items (on a 1-4 point scale): how good or bad the free riders and contributors are, and how much they like or dislike the free riders and contributors.

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

Each participant will be assigned to two within-subject conditions: 1) Impact condition, in which the free rider made a negative impact over the group goal (replication of our study 1 result). 2) No Impact condition, in which the free rider doesn't make a negative impact over the group goal.

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

We will use multilevel regression to determine whether children negatively evaluate these two types of free riders as compared to contributors. We will predict evaluation from condition (3: contributor, impactful free-rider, non-impactful-free-rider), age group (2: younger, older), and their interaction in a linear model with a random intercept to account for the within-subjects design. We predict an effect of condition such that contributors will be evaluated more positively than either type of free-rider.

6) Any secondary analyses?

A secondary analysis will compare views of the two types of free-riders (impactful vs non-impactful).

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 recruit children of two age groups, 4-5 and 9-10, with 16 children in each age group.

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

We will exclude children who fail our pretest questions after receiving feedback for two times.