

## **'Discrimination in the laboratory: a meta-analysis of economics experiments': data analysis replication read-me**

For EER's mandatory replication policy, I submit the following files:

- the dataset (EER-D-15-00329R2\_data.dta).
- a data key, describing all variables in the dataset used in the paper's analysis (EER-D-15-00329R2\_data\_key.docx).
- the Stata do-file, used to conduct the paper's analysis (EER-D-15-00329R2\_additional\_materials\_do\_file.do).

The dataset was constructed manually, as described in the paper. The effect sizes ('g' in the dataset) and associated standard errors ('seg') were calculated in excel using the Hedges and Olkin formula, described in the text. This excel file is available on request.

### **How to use the do-file**

The do-file conducts the analysis in the order it appears in the paper, with the results section analysis first, followed by the appendix analysis. Sub-headings in capitals illustrate the part of the paper the analysis relates to.

-General pattern of discrimination/ Figure 1 (section 3.1): lines 4-5 tabulate the frequencies of results of discrimination and out-group favouritism across the dataset. Line 6 calculates the aggregate effect size across the dataset. Lines 7-9 calculate the conditional effect sizes shown in Figure 1. Lines 11-12 tabulate results of discrimination and out-group favouritism by study included in the dataset (referred to in text).

-Table 1: Lines 17-31 generate information from which the first four data columns in the table can be constructed. Lines 33-39 generate information from which the last two columns can be constructed.

-Table 2a and 2b: line 46 generates regression output for LPMa in 2a; lines 49-74 run tests on LPMa reported in 2b. Lines 76-77 generate regression output for Metareg in 2a; lines 80-105 run tests on

Metareg reported in 2b. Lines 76 and 107 generate regression output for LPMb in 2a; lines 111-136 run tests on LPMb reported in 2b.

-Section 3.4: lines 143-146 tabulate results of discrimination and out-group favouritism for the student and non-student sub-samples (reported in text).

-Section 3.5 and Table 3: line 152 tabulates observations by whether they contain scope for statistical discrimination (reported in text). Lines 154-156 tabulate observations that have been tested and find statistical discrimination, taste-based discrimination or neither (reported in text). Lines 159 and 162 generate regression output for LPMa and Metareg in Table 3.

-Section 3.6: Lines 167-170 tabulate results of discrimination and out-group favouritism by males to females and vice versa (reported in text). Lines 171-172 calculate conditional effect sizes for male-to-female and female-to-male discrimination (reported in text).

-Table C1: Lines 177 and 180 generate regression output for LPMa1 and LPMa2.

-Table C2: Lines 190-191 and 194-195 generate regression output (with marginal effects) for LOGITa1 and LOGITa2.

-Table C3a and C3b: line 203 generates regression output for LPMa1 in C3a; lines 205-241 run tests on LPMa1 reported in C3b. Lines 243-244 generate regression output for Metareg1 in C3a; lines 247-283 run tests on Metareg1 reported in C3b. Lines 243 and 285 generate regression output for LPMb1 in C3a; lines 288-324 run tests on LPMb1 reported in C3b. Line 328 generates regression output for LPMa2 in C3a; lines 331-367 run tests on LPMa2 reported in C3b.

-Table C4: Lines 371 and 373 generate regression output for LPM and Metareg.

-Table C5: Line 378 generates regression output for LPMa1; line 380 generates regression output for Metareg1; line 382 generates regression output for LPMa2; lines 384-385 generate regression output for LPMa3; lines 384 and 387 generate regression output for LPMa4.

-Table C6a and C6b: line 394 generates regression output for LPMa1 in C6a; lines 397-411 run tests on LPMa1 reported in C6b. Line 413 generates regression output for Metareg1 in C6a; lines 416-430 run tests on Metareg1 reported in C6b. Line 433 generates regression output for LPMa2 in C6a; lines 436-450 run tests on LPMa2 reported in C6b. Line 452 generates regression output for Metareg2 in C6a; lines 455-469 run tests on Metareg2 reported in C6b. Lines 471-472 run pooled models from which test of coefficient differences are reported in C6a.