The Fine Line between Nudging and Nagging: Increasing Take-up Rates through Social Media Platforms
Reproducibility Check Results (second submission)

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This review assesses the reproducibility of the code that creates the exhibits included in *"The Fine Line between Nudging and Nagging: Increasing Take-up Rates through Social Media Platforms"*.

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Main findings

- The code was successfully executed on a new computer, but it required the prior installation of the 'labutil', 'tab2xl', 'psmatch2', and 'estout' packages. The installation has been added to the code. However the installation of tab2xl should be done as follows: `net install http://www.stata.com/users/kcrow/tab2xl, replace`

- The code's output files consistently yielded identical results over three consecutive executions.

- Manual calculations were noted in certain tables (specifically, Tables 6, 9 and B1 for FDR-q-values). However, code was added to the dofile to produce FDR-q-values values in line 636, therefore it is reproducible.

- All generated figures and tables were successfully reproduced as per the Manuscript.txt in the LATEX format.

Reproducibility assessment

Paper exhibits produced with Stata code were attempted to be reproduced in a computer with the following specifications.

- OS: Microsoft Windows 10 Version 21H2
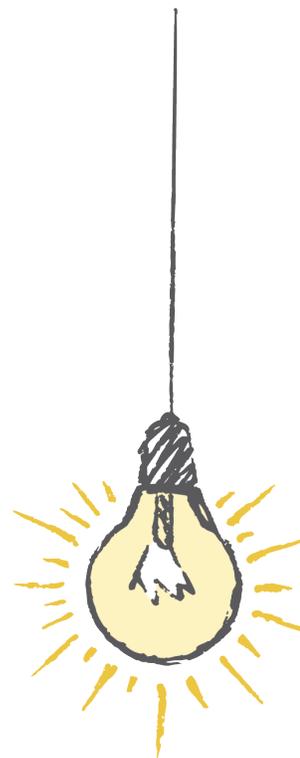
- Processor: Intel(R) Xeon(R) CPU E7-4890 v2 @ 2.80GHz, 2800 Mhz, 2 Core(s), 2 Logical Processor(s)

- Memory available: 15.8 GB

- Software version: Stata 17

The verification was done using the Manuscript.txt found within the LATEX folder from the reproducibility package, and compared with the outputs produced by the code.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Figure 1** Does not apply: not produced by the code

- **Table 1** Reproduced: using table 1 produced in the console the numbers reproduced perfectly. However, table1.xls shows slightly different results but within rounding differences specifically: Twitter account [=1] (code .11 vs paper 0.12)E-mail account [=1] (code 0.18 vs paper 0.17).

- **Table 2** Reproduced.

- **Figure 2** Does not apply: not produced by the code.

- **Figure 3** Does not apply: not produced by the code.

- **Table 3** Reproduced.

- **Table 4** Reproduced.

- **Figure 4** Reproduced, but labels were manually added for the figure in the paper

- **Table 5** Reproduced. In Table 5b differences in rounding: row one time 14.82 (paper) vs 14.83 (code), row two non-consecutive times 5.95 (paper), 5.96 (code).

- **Figure 5** Reproduced. Aesthetics differ between the code and the paper: labels.

- **Table 6** Reproduced. The row FDR q-values is not produced by the code, requires running line 636 in the main do file.

- **Table 7** Reproduced.

- **Table 8** Reproduced.

- **Table 9** Reproduced. The row FDR q-values is not produced by the code, requires running line 636 in the main do file.

- **Table 10** Reproduced.

- **Table 11** Reproduced.

Results in the Appendix

- **Figure A.1** Does not apply: not produced by the code.

- **Figure A.2** Does not apply: not produced by the code.

- **Figure A.3** Does not apply: not produced by the code.

- **Figure B.1** Does not apply: not produced by the code.

- **Figure B.2** Does not apply: not produced by the code.

- **Table B.1** Reproduced. The row FDR q-values is not produced by
  the code, requires running line 636 in the main do file.

- **Table C.1** Reproduced

- **Table C.2** Reproduced