



## *Closing the gap: Effect of a gender quota on women's access to education in Afghanistan*

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PRWP Reproducibility Verification

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This review verifies the reproducibility of the exhibits included in the paper "*Closing the gap: Effect of a gender quota on women's access to education in Afghanistan*".

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### *Main findings*

1. The code was executed on a new computer, adhering to the directions provided in the README file. The only adjustments made were altering the global directory to the appropriate path in the `main.do` file.
2. The code takes approximately 3 minutes to run.
3. The output generated by the code was consistent across three successive runs
4. The paper exhibits are reproducible.
5. The replication package has been created with the full dataset required for analysis. However, the Kankor Matriculation data, which is needed for replicating some results, is not included in the published package. Consequently, users will not be able to replicate Figure 1 panel E and F and Table B1.1. For assistance with the replication process, please contact the author at [najamr@oregonstate.edu](mailto:najamr@oregonstate.edu)

### *Reproducibility assessment*

We used the paper *Quota\_paper.pdf* provided in the reproducibility package and compared the code results against the paper exhibits to verify they are reproducible.

Paper exhibits were attempted to be reproduced in a computer with the following specifications:

- OS: Windows 10 Enterprise, version 21H2
- Processor: Intel(R) Xeon(R) CPU E7-4890 v2 @ 2.80GHz 2.80 GHz
- Memory available: 5.9 GB
- Software version: Stata 17

## *List of exhibits and reproducibility status*

### **Results in the Main Section of the Paper**

- **Table 1** Results reproduced, but require manual steps that are mentioned in detail in the README file. The table was compared against the outputs in table\_1 folder.
- **Figure 1** Results reproduced. The exhibit was compared against shareFemale\_treatedunits.png. The legend of the figure was formatted to be in a single row in the code output as compared to a single column in paper. Panels E and F not generated with the published version of the package
- **Table 2** Reproduced.
- **Table 3** Reproduced.
- **Table 4** Reproduced.
- **Figure 2** Does not apply. The exhibit was not a part of exported outputs.
- **Figure 3** Does not apply. The exhibit was not a part of exported outputs.
- **Figure A1.1** Does not apply.
- **Figure A1.2** Does not apply.
- **Table A2.1** Does not apply.
- **Table A3.1** Reproduced. The exhibit was compared against Tab\_A3.1.csv.
- **Table A3.2** Reproduced. The exhibit was compared against Tab\_A3.2.csv.
- **Table A4.1** Does not apply.
- **Table A4.2** Does not apply.
- **Table B1.1** Reproduced. The exhibit was compared against values in Tab\_B1\_1.csv. Not generated by the published package.
- **Table B2.1** Reproduced. The exhibit was compared against values in TabelB2\_1\_pre\_2016.csv and TabelB2\_1\_pre\_2016.csv.
- **Table B3.1** Reproduced. The exhibit was compared against values in TabelB3\_1\_pre2016\_difference.docx.
- **Table B3.2** Reproduced. The exhibit was compared against values in TabelB3\_2\_pre2016\_CEELM.docx.
- **Figure B.4** Reproduced. The exhibits (a) - (h) were compared against figures with prefix indicating the number of the figure in the outputs folder.
- **Table B5.1** Reproduced.
- **Figure B6.1** Does not apply. The exhibit was not a part of exported outputs.