

Read Me

This document will take you through how to replicate the results of the paper:

Malapit, Hazel, Agnes Quisumbing, Ruth Meinzen-Dick, Greg Seymour, Elena M. Martinez, Jessica Heckert, Deborah Rubin et al. "Development of the project-level Women's Empowerment in Agriculture Index (pro-WEAI)." *World Development* 122 (2019): 675-692.
<https://doi.org/10.1016/j.worlddev.2019.06.018>

In the process of preparing the replication results, small corrections were made to the code responsible for calculating the Gender Parity Index. The results produced below are not qualitatively different from those published in the original paper and are presented here.

To replicate all the results five do-files and two data sets are needed, namely:

Do-files:

1. Development of pro-WEAI - Master do file.do
2. Development of pro-WEAI - replication file 1.do
3. Development of pro-WEAI - replication file 2.do
4. Development of pro-WEAI - replication file 3.do
5. Development of pro-WEAI - replication file 4.do

Data sets:

1. proweai_dataprep.dta
2. proweai_demographics.dta

To replicate the results all these files must be in the same folder.

Download all seven files and save them into one folder on your computer. We will call this folder your working directory. Once you have successfully completed the replication, all replication results will be saved to this folder.

Follow the following steps to replicate the results:

1. Save all seven (five .do files and two .dta files) files in the same folder on your computer.
2. Change the working directory in the Development of pro-WEAI - Master do file.do to the folder where you have saved all the files. This is found on line 12 of the do file. Type or copy and paste your folder address here.
3. Run Development of pro-WEAI - Master do file.do
4. Open your working directory, all the results should now be saved here.

List of figures for replication:

1. Pro-WEAI paper – Figure 1: Distribution of inadequacies (*note: the output is the data that is used to create figure 1 in excel*)
2. Pro-WEAI paper – Figure 2: Contributions to disempowerment
3. Pro-WEAI paper – Figure 3 (16-25): Contributions to disempowerment for 16-25 years
4. Pro-WEAI paper – Figure 3 (26-45): Contributions to disempowerment for 26-45 years
5. Pro-WEAI paper – Figure 3 (46+): Contributions to disempowerment for 46+ years
6. Pro-WEAI paper – Figure 4: Rank comparison of 3DE scores (*note: the output is the data that is used to create figure 4 in excel*)

List of tables for replication:

1. Pro-WEAI paper Table 3: Demographic characteristics of respondents
2. Pro-WEAI paper Table 4: Pro-WEAI results
3. Pro-WEAI paper Table 5: Headcount ratios and relative contributions of each indicator to disempowerment
4. Pro-WEAI paper Table 6: Intrahousehold patterns of empowerment
5. Pro-WEAI paper Table 7: Pro-WEAI results by age group
6. Pro-WEAI paper Table 8: Percent nonresponse for each pro-WEAI indicator
7. Pro-WEAI paper Table 9: Association (Cramer's V) between pro-WEAI indicators
8. Pro-WEAI paper Table 10: Redundancy between pro-WEAI indicators
9. Pro-WEAI paper Table 11: Rank of 3DE scores by project and gender for different weighting schemes