

MOVING FROM IFPRI WEMNS script to WEN Sierra Leone script

Introduction

This document provides practical instructions on how to adapt the WEMNS data preparation do-file template to SIERRA LEONE country-specific dataset. The objective is to generate the standardized WEMNS indicators using the structure and coding of the national survey.

IFPRI do-file

- The **template do-file** is a generic script containing all the WEMNS indicators and their construction logic (modules D–M).
- It follows the questionnaire structure used in WEMNS pilots, with variable names and coding consistent with IFPRI survey versions.

Main change to apply when using Sierra Leone Dataset

Module D- Influence over Own Time

The Sierra Leone questionnaire included three extra activity items (**d01g–i**, **d02g–i**). These were excluded from indicator construction to align with the IFPRI six-item standard and ensure cross-country comparability.

Module E – Influence over Own Time

- In the IFPRI script variables are named in a different way. To calculate the indicator related to *Participation and Leadership*, the following variables from Sierra Leone dataset need to be used for the indicator's calculation
 - **Participation in Organization**

- Variables to be used:
 - e01a e01b e01c e01d e01e

- **Leadership**

- Variables to be used:
 - e02a e02b e02c e02d e02e

- **Attitude towards women participation**

- Variables to be used
 - e03a e03b e03c e03d e03e

- Attitude towards men participation

- Variables to be used
- e04a e04b e04c e04d e04e

Module F – Attitudes toward Life Transitions and Awareness of Rights

- Variables to be used
- SAME AS IN IFPRI SCRIPT

Other Modules

All other modules (Modules F, G, H–M) reflect the original IFPRI WEMNS script without modifications.

Summary Comparison – IFPRI vs Sierra Leone Adaptations

<i>Module</i>	<i>IFPRI Script</i>	<i>Sierra Leone Adaptation</i>
<i>E – Influence over Own Time</i>	d01a-d01f and d02a-d02f e01–e04 variables (generic naming)	The three extra activities are not part of the indicator calculation Use e01a–e01e, e02a–e02e, e03a–e03e, e04a–e04e. Female-only filter for women’s attitude (e03).
<i>Other Modules (F, G, H–M)</i>	Standard IFPRI coding	No change — follow IFPRI script.

WEMNS Calculation Do-file

This do-file generates the **main (aggregate) WEMNS results**, including:

- Indicator headcount ratios
- Aggregate empowerment/disempowerment measures
- Graphs and tables showing the contribution of each indicator to disempowerment

Weighting Considerations – Sierra Leone

When applying the **mpi command** to construct WEMNS indices, the choice of weights depends on survey design.

- In the **IFPRI pilot datasets**, there are no weighted index construction.

- In the **Sierra Leone dataset**, however, the survey is **representative at the national level** and includes **individual weights**.

For Sierra Leone, always specify the **individual weight** when calling the **mpi** command, to ensure results are representative at the **individual level** (men and women separately, as per WEMNS requirements).

Example Code to use for Sierra Leone

For men:

```
mpi d1(c_inst_tim c_inst_spe c_inst_heal) ///
    d2(c_coll_par c_coll_lea c_coll_com) ///
    d3(c_res_ict c_res_fin c_res_cre c_res_leg c_res_tra c_res_ten) ///
    w1(0.11111 0.11111 0.11111) ///
    w2(0.11111 0.11111 0.11111) ///
    w3(0.11111 0.05555 0.05556 0.03703 0.03704 0.03704) if sex==1
    [pw=ind_weight], cutoff(.3)
```

For women:

```
mpi d1(c_intr_liv c_intr_chi c_intr_sex) ///
    d2(c_inst_tim c_inst_spe c_inst_heal) ///
    d3(c_coll_par c_coll_lea c_coll_com) ///
    d4(c_res_ict c_res_fin c_res_cre c_res_leg c_res_tra c_res_ten) ///
    w1(0.08333 0.08333 0.08334) ///
    w2(0.08333 0.08333 0.08334) ///
    w3(0.08333 0.08333 0.08334) ///
    w4(0.08333 0.04167 0.04168 0.02778 0.02778 0.02779) if sex==2
    [pw=ind_weight], cutoff(.3)
```