

MOVING FROM IFPRI WEMNS script to WEN TANZANIA script

Introduction

This document provides practical instructions on how to adapt the WEMNS data preparation do-file template to TANZANIA 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 Tanzania Dataset

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 TZA dataset need to be used for the indicators calculation

- **Participation in Organization**

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

- **Leadership**

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

- **Attitude toward's women participation**

- Variables to be used
- e03a e03b e03c e03d e03e

For this question, you need to isolate the female respondents. Men are also asked about their attitude toward women's participation in the community, but here you should only work with the female responses.

- **Attitude toward's men participation**

- Variables to be used

- e04a e04b e04c e04d e04e

This captures attitudes toward men’s participation. You should replicate the same coding approach used above for women but apply it here for men using the appropriate variables.

Module F – Attitudes toward Life Transitions and Awareness of Rights

- Variables to be used
- SAME AS IN IFPRI SCRIPT

For this question, you need to isolate the female respondents. Men are also asked how they see women in life transition and awareness of life, but here you should only work with the female responses.

Module H – Property Rights

In Module H (Tanzania), there are two options for both Question H6 (h06a, h06b) and Question H12 (h12a, h12b).

Therefore, when calculating “*No fear of threat to lose ownership*”, you need to include both variables for H6 and H12.

- Original code (single variable version):

```
* No fear of threat to lose ownership
foreach j of varlist h06 h12 {
    gen `j'_threat = (`j'==1) & !missing(`j')
    replace `j'_threat = . if `j'==.
    replace `j'_threat = . if `j'>96
}
```

- Adapted code for Tanzania (two variables each for H6 and H12):

```
* No fear of threat to lose ownership
foreach j of varlist h06a h06b h12a h12b {
    gen `j'_threat = (`j'==1) & !missing(`j')
    replace `j'_threat = . if `j'==.
    replace `j'_threat = . if `j'>96
}
```

For the final indicator, you also need to adjust the definition.

- Original version:

```
gen res_ten = (h06_threat==1 | h12_threat==1) // Here, if h01_own=0,
secure_tenure_land=0.
replace res_ten = . if h01_own==. & h07_own==.
lab var res_ten "Secure tenure rights"
```

- Adapted version for Tanzania:

```

gen property_tenure = (h06a_threat==1 | h06b_threat==1 | h12a_threat==1 |
h12b_threat==1) ///
    // Here, if h01_own=0, secure_tenure_land=0.
replace property_tenure = . if h01_own==. & h07_own==.
lab var property_tenure "Secure tenure rights. Perceives NO risk of losing
ownership/use rights dwelling OR land"

```

Other Modules

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

Summary Comparison – IFPRI vs Tanzania Adaptations

<i>Module</i>	<i>IFPRI Script</i>	<i>Tanzania Adaptation</i>
<i>E – Influence over Own Time</i>	e01–e04 variables (generic naming)	Use e01a–e01e, e02a–e02e, e03a–e03e, e04a–e04e. Female-only filter for women’s attitude (e03).
<i>F – Life Transitions & Rights</i>	Same as IFPRI script	Same variables, but restrict to female respondents.
<i>H – Property Rights</i>	Single variable for H6 (h06) and H12 (h12).	Two variables each: h06a h06b and h12a h12b. Adjust both “threat” loop and final indicator.
<i>Other Modules (D, G, I–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 – Tanzania

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 **Tanzania dataset**, however, the survey is **representative at the national level** and includes **individual weights**.

For Tanzania, 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 Tanzania

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)
```