**Supplementary file**

**Part 1: Sociodemographic questions**

1. Gender
2. Age
3. Highest level of education
4. Current employment status?
5. Household total income
6. Household size
7. Live with children
8. The local government of residence

**Part 2: Food Insecurity Experience Scale Survey Module (FIES-SM) Individual**

Respondents were asked eight questions to which they could respond with "No" and "Yes."

1. During the last 12 months, was there a time when you were worried that you would not have enough food to eat because of lack of money or other resources?
2. Still thinking about the last 12 months, was there time when you could not eat healthy and nutritious food because of lack of money or other resources?
3. During the last 12 months, was there a time when you ate only a few kinds of food because of a lack of money or other resources?
4. During the last 12 months, was there a time when you had to skip a meal because there were not enough money or other resources to obtain food?
5. Still thinking about the last 12 months, was there a time when you ate less than you thought you should because of a lack of money or other resources?
6. During the past 12 months, was there a time when your household ran out of food because of lack of money or other resources?
7. In the past 12 months, was there a time when you were hungry but did not eat because of a lack of money or other food resources?
8. During the last 12 months, was there a time when you went without eating for a whole day because of a lack of money or other resources?

Figure 1: Sociodemographic and Food Insecurity Experience Scale Survey Module questions

Table1: Confusion matrix: Classification table demonstration

|  |  |  |
| --- | --- | --- |
|  | **Predicted** | |
| **Observed** | **Food insecure** | **Food secure** |
| Food insecure | True Positive (TP) | False Negative (FN) |
| Food secure | False Positive (FP) | True Negative(TN) |
| TP: The number of food insecure people that were correctly predicted as food insecure | | |
| FP: The number of food secure people that were wrongly predicted as food insecure | | |
| TN: The number of food secure people that were correctly predicted as food secure | | |
| FN: The number of food insecure people that were wrongly predicted as food secure | | |