Appendix 1: Detailed Description of Child Money Program

Historical Background

In June 2004, the election for the Mongolian State Great Hural (Mongolian Parliament) was held. The Motherland-Democracy Coalition (Liberal party) promised to provide a monthly allowance of 10,000 MNT for every child in Mongolia. Many agree that this promise was one of the decisive factors that brought the Coalition 34 seats in the Parliament, giving the Motherland-Democracy Coalition nearly equal power as the Mongolian People's Revolutionary Party, which won 36 sits. The two parties agreed to form the "Grand Coalition Government" after both failed to win enough seats in the elections to form a government on their own.

This new government disappointed its citizens by passing a resolution stating that children of large families (with 3 or more children) with living standard below the minimum level (25,400 MNT per person per month in 2004) shall receive a monthly allowance of 3,000 MNT per month. People criticized the Government severely for providing an amount smaller than promised and limiting the coverage to only poor and large families. A number of complaints have been made at the khoroo level and criticisms were published in the media. The Government of Mongolia decided to give Child Money for every child of poor households, without setting any condition about household size. The Child Money Program started covering all poor households with children from July 1st, 2005.

Description of Actual Implementation and Data

The Child Money Program (CMP) began in January 2005. One of the features of this program that differs from other cash transfer programs is that the process of application and qualification is very decentralized. At the district and province levels[1], the program officer in charge of the registration of beneficiaries in the CMP and their monthly certification of payments is a staff member of the Social Welfare and Labor Office (i.e. Labor and Welfare Service Division). I refer to this person as the program officer. Program officers received training about the CMP and were asked to inform the governors of the smallest administrative units (baghs in rural areas and khoroos in Ulaanbaatar). The program officers are not only responsible for the CMP, but for all other assistance programs at the district.

The application and implementation process is described as follows:

1.	Applicant completes the application form requesting the disbursement of the benefit along with the subsistence level determination questionnaire and delivers them with a copy of child's birth certificate, reference letters from family (bagh),physician, school administration, and mother's (or father, legal custodian, or other caregiver) citizen's ID to the bagh or khoroo governor.
2.	Bagh or khoroo governor receives, reviews and acknowledges application materials of citizens.
3.	Soum or khoroo social worker evaluates the living standard of the household using an Excel macro sheet provided from the Ministry of Social Welfare and Labor (MOSWL). If a household's living standard is evaluated as poor or severely poor, social worker sends materials to soum or khoroo governor.
4.	Soum or khoroo governor reviews the proposal prepared by social worker and discusses the case by soum or khoroo councils consisting of representatives from community members.
5.	When a decision to provide child money to a household is reached by the council, it is approved by the soum/ khoroo governor. Based on this decision, social worker opens a personal file for every household to receive the benefit, and delivers the list to aimag or district's Labor and Welfare Service Division (LWSD).
6.	Aimag/district's LWSD reviews the documents, opens a personal file for every household to receive the benefit, and makes a final decision.

[1] Mongolia is divided into 22 provinces (aimags) and each of them is divided into districts (soums). The country has 340 districts (including both rural soums and urban districts) and below them, there are 1,671 of the smallest administrative units (rural baghs and urban khoroos).

Families can be registered as beneficiaries of the CMP if they fall below a level of the score and if they can provide the program officers with the following documents:

- National identification of the parents.
- Birth certificates of all children.
- Marriage certificate of the parents.
- Vaccination certificates of all children.
- Certificates of school enrollment of all children ages 8-18.
- A questionnaire form

The whole process should be finalized within 14 days, including the khoroo/soum council discussion period. If a household is not satisfied with the living standard evaluation result, it can request reconsideration from the khoroo/ soum council. The council may or may not change its decision after carefully considering the household's situation. If the household remains unsatisfied with the decision made by the council, it can appeal to aimag or district's LWSD.

Once the household is registered in the program, the program officer keeps a file with paper copies of all the documentation of the family. In addition, the aimag/district LWSD opens a benefit book for every household and delivers the list to respective banking organizations. The benefit is disbursed through respective banks on the 30th day of each month. Every month, the beneficiary needs to bring this notebook to the program officer for his/her signature. The program officer also reports the date, the number of children the beneficiary has, and the total amount to which he/she is entitled from the CMP. With this, the beneficiary can go to the local Agricultural Bank to collect his/her money. Families do not have to collect their payment every month and can opt to do it less frequently and let their allowance accumulate.

In rural areas, the Agricultural Bank is located in the government building, or the same building where the program officers sit. Banks report on a monthly basis to the program officers on the *total* amount paid to beneficiaries of the CMP. This implies that the MOSWL has no individual-level register that tracks which beneficiaries collected the benefit and when they did it. Such a register constitutes not only an "invoice" of the transaction but would also follow-up payment histories.

Benefit disbursement will be halted if any of the following occur: (1) child reached the age of 18; (2) child is adopted; (3) child is deceased; (4) child started serving a detention sentence by court decision; (5) child fled from home; (6) child has dropped out of school; (7) child has not received mandatory immunization; (8) child is engaged in unlawful forms of child labor; (9) household's living standard improved to average level. Parents (custodians, supporters) are expected to provide information regarding children who are no longer eligible for the benefit to soum and khoroo social workers. The aimag and district's LWSD is responsible for annually evaluating the state of the benefit disbursement and changes in a household's living standard.

As for the actual disbursement of the benefit, a pre-survey was conducted to determine the number of eligible households and children. Before the program started, the program officers requested each of the governors of the smallest administrative units of the country to provide the total number of households (and children) in their unit that could qualify for the program. The local officials produced lists with the names of those households in their localities that would be eligible for the program, based on two criteria: (1) poverty and (2) having three or more children between the aged 17 or younger. Local officials prepared these lists using records that identified the registered households in their localities and other information about them, especially demographics and self-reported income. It is unclear whether uniform guidelines were provided as to the criteria that would qualify one household as poor. These lists were provided to the program officers and the total numbers of potential beneficiaries were sent to their counterpart at the province level. With this information, the central office of the MOSWL estimated that the program would have a total of 410,000 child beneficiaries. However, the result of the new method of living standard evaluation differed greatly from the estimated number of beneficiaries.

Households that submitted benefit applications during the 1st quarter of 2005 began receiving benefits retroactively from January 1, 2005. For households that submitted benefit applications after April 1, the benefit was disbursed retroactively to the date of application. By May 2005, the CMP had reached 339,810 children from 95,526 households. Among those households incorporated in the program until May 2005, the average payment was of 10,672 MNT (or $9.1 U.S.). As a reference, the poverty line in the 2002 Mongolia LSMS was at 24,700 MNT per capita per month. Figures on the estimated and actual number of beneficiaries by province on May 1st 2005 are included in Table A.1.3. According to the Director of the Implementation Agency of the MOSWL, the CMP coverage turned out to be lower than expected in Ulaanbaatar because migrants with no documents and/or papers of migration did not register. As of July 1st, 2005 poor families with less than three children were allowed to apply for the program. The government estimated that this will increase the program's coverage by 171,000 families and 261,867 children.

Table A.1.3: Beneficiaries of the Child Money Program Number of children, May 2005

	Estimated, 1-2 children		Actual, 3 or more children	
Aimag	**Households**	**Children**	**Households**	**Children**
Arhangai	8,143	12,726	5,361	19,075
Bayanhongor	6,090	8,605	4,721	16,797
Bayan-Ulgii	8,261	12,889	8,073	29,285
Bulgan	5,512	8,673	2,416	8,698
Govi-Altai	5,825	9,071	3,500	12,450
Govi-Sumber	694	1,084	435	1,658
Darhan-Uul	7,691	11,818	2,337	10,697
Dornogovi	1,937	3,038	1,448	5,188
Dornod	8,224	12,363	2,457	8,760
Dundgovi	3,295	5,161	2,268	8,201
Zavhan	5,901	9,144	4,000	14,222
Orhon	5,144	7,977	2,641	8,094
Uvurhangai	8,527	13,132	5,479	19,274
Umnugovi	3,025	4,907	2,123	7,555
Suhbaatar	3,266	5,098	2,433	8,656
Selenge	8,754	13,063	3,947	15,003
Tuv	6,043	9,114	2,612	9,301
Uvs	5,628	8,539	5,560	22,118
Hovd	4,846	7,533	6,073	24,578
Huvsgul	9,792	15,528	5,866	20,871
Hentii	4,224	6,370	2,684	9,721
Total of aimags	**120,822**	**185,833**	**76,434**	**280,202**
Baganuur District	1,715	2,535	1,005	2,882
Bayanzurh District	8,470	12,979	3,496	12,777
Bayangol District	6,674	10,104	2,094	4,875
Bagahangai District	238	352	168	585
Nalaih District	2,257	3,378	895	3,184
Suhbaatar District	5,369	8,025	1,309	4,827
Songinohairhan District	14,716	22,471	6,970	16,662
Han-Uul District	2,991	4,600	1,690	6,096
Chingeltei District	7,906	11,890	1,444	7,817
Ulaanbaatar	**50,336**	**76,334**	**19,071**	**59,705**
TOTAL	**171,158**	**262,167**	**95,505**	**339,907**

Issues associated with the Child Money Program

Analytical and qualitative assessment of the CMP found several shortcomings in the program. First of all, the new methodology for evaluating a household's living standard is questionable. The second problem lies with the eligibility criteria for applicants. The final problem is associated with the actual implementation, monitoring and evaluation of the program. We will consider each problem separately.

Problem 1. Issues with the new methodology (PRR method) for evaluating each household's living standard.

The new methodology used to determine whether households are eligible for child money was introduced to make targeting easier and cost effective. Its aim was also to identify a household's living standard without biases from related officials who used to determine the household income and eventually reduce the number of people who are covered by the social assistance programs. The research team that produced the method used data from variety of surveys to choose appropriate proxy indicators and the estimated weight coefficient for each indicator. But it is unclear how the set of indicators are chosen. The research team noted the importance of certain chosen indicators from the point of whether the indicator has a negative or positive influence on a household's living standard. However, the reasoning for choosing is not well grounded. Their most powerful argument is that these indicators are easy to find and monitor.

The PRR method is equivalent to running single linear regressions for each indicator and then transforming the estimated coefficients into weights. The problem with this method is that it takes into account only the contribution of individual poverty indicators instead of considering how the indicators interact with each other to explain poverty. The coefficients calculated through single regression, rather than multiple regression, may underestimate or overestimate the true contribution of the indicators, as they measure the contribution to poverty of that indicator as well as that of other indicators that are correlated with this indicator.

Another problem with the method is the way weights for each indicator were computed. The research team used the result of LSMS when computing the weight for indicators such as location (urban or rural), settlement (Ulaanbaatar, aimag center, soum center or countryside), household size, education level, and employment status. When calculating weights for these indicators only the head-of-household's education level and employment status were used. However, when evaluating a given household's living standard, the education level and employment situation of every member of the household of working age are considered. This may cause underestimation or overestimation of household's true living standard. For other indicators such as housing condition, assets, vehicle ownership, receipt status of assistance and support, and social vulnerability, the method of calculating the weights is not mentioned. It appears the weights for these indicators were chosen casually based on pure assumptions without any sound justification.

Problem 2. Problem with the Eligibility Criteria

As for the eligibility criteria, it is not clear whether the program is targeted at poverty reduction or traditional support for large families. This causes confusion among the applicants and results in many disputes regarding the fairness of the program. Through the implementation of a single program, the government appears to have the multiple objectives of reducing poverty, the number of school dropouts, the number of homeless children, and the incidence of child labor. Moreover, the program also seeks to provide support to large families and to improve children's health. If the program is for poverty reduction, it is not appropriate to set family size as an eligibility condition.

Another criterion for eligibility is that the children's parents or legal custodians should have a valid citizen's ID card, with an updated place of residence. Citizen's ID cards are relatively new in Mongolia, and the process to get one (or to change the place of residence) is costly in terms of both time and money. Household survey and statements of people responsible for the implementation of the social

assistance programs suggest that there are many households who cannot apply for benefits because they lacked the ID card or, having one, they have migrated to UB and they still have not changed their place of residence. The people who cannot receive the benefit are the poorest and the neediest ones whom the program should target. Most of the people who are excluded from the program have document and/or registration-related problems or are members of vulnerable groups such as half/full orphans and single-parent households who are the ones who really need assistance. There is a need for elaborating a better way to cover these vulnerable groups. The real poor and vulnerable people are victimized as the new method requires documents and registration that are very costly for the poor.

Problem 3. Issues Related to Implementation, Monitoring and Evaluation

Implementation of the program suffers from some structural flaws. The Ministry of Social Welfare and Labor (MOSWL) is the state administrative body responsible for monitoring program implementation. The aimag/district governor's office is responsible for identifying eligible households and monitoring qualifying criteria of the program through the soum/khoroo governor's office. The aimag/district Labor and Welfare Service Division (LWSD) handle the disbursement of the benefit and monitor changes in a household's living standard. Communication between the implementing agents is complicated, as most bag/ khoroo/ soum are isolated from the LWSD and internet or telephone connectivity is poor. There is no proper database for beneficiaries, nor any official system to monitor if a household still meets the eligibility criteria. Whether children attend school or live with their parents (custodians, caretakers) is checked only at the time of application. It is very unlikely for khoroo officials to monitor whether these conditions are met during the year unless the beneficiaries themselves or a third party provides information. Beneficiaries certainly have no incentive to self-report and the possibility of a third person reporting is small. At a khoroo level, mainly only one person—social worker—works with large number of applicants with limited office supplies and out-of-date computers. Work-load for poor areas where many beneficiaries reside is much heavier than other areas with fewer eligible households.

Monitoring of the program is far from satisfactory. Most social workers claim that it is almost impossible to monitor for all eligibility criteria. The main eligibility conditions such as child's school attendance, immunization against common deceases, non-involvement in illegal child labor, inhabitance with the parents are checked only at the time of application and not monitored afterwards. Monitoring of these criteria is supposed to be done through self-report of applicants and other related parties. Unfortunately, considering all the circumstances, this task is unlikely to be accomplished. Three points are worth mentioning. First, none of the applicants needed to prove that their children were not involved in illegal child labor. If a child brought a certificate from a school, he/she was assumed to be not involved in child labor. Second, in most cases khoroo workers did not check housing conditions, asset ownership and vehicle ownership within a household. Third, several alterations were made to a household's living standard information in order to qualify them for the child money. The issues of personnel and resource constraints may be seen as a general problem of proxy means tests which require large body of literate and probably computer-trained staff, moderate-to-high levels of information and technology.

It appears that many households are well-informed about the indicators and weights used in the proxy means test, which reduced the effectiveness of targeting methodology. For intentional reasons or due to the lack of proper training, many households already know the rules of the game so they can use them to their advantage. Sometimes, they can do it with the help of the social worker in charge of entering their data into the excel sheet that produces their score. A potential suggestion to avoid this program would be to produce a different type of software interface in which the social workers enter the household data but do not have access to or knowledge.

Problem 4. Issues Related to the Impact of the Program in Alleviating Poverty

For the program to have an impact on poverty and human capital, the benefit has to be sufficient to lift households out of poverty and to induce positive behavior. The 3,000 MNT benefit per child is only about one-eighth of the 2002-3 poverty line. However, among poor children, the average cost of education is around 3,000 MNT per child for all school grades up to grade 9 where costs get close to

4,000 MNT and, particularly, grade 10 where costs increase significantly to about 6,000 MNT. Thus in terms of direct costs, the CMP benefit compares well in all school grades except upper secondary. To get a complete picture of total costs of education, indirect costs should also be factored in. As noted earlier, the incidence of child work increases significantly around the same upper secondary school ages. However it is difficult to give an estimate of the value of the opportunity costs from work as very few children work for wages. Most children who appear to be working according to the survey data participate in family labor (herding, agriculture, household chores, or household enterprises). However, there is not sufficient information on the time spent in these activities and their value to the household.

Appendix 2: Detailed Description of Household Survey

Description of the Questionnaire

The survey covered 415 households, drawn from 6 districts of Ulaanbaatar. Survey design followed the style of a standard LSMS survey and was conducted in April of 2005. While focusing on welfare programs, particularly the newly initiated Child Money Program and land privatization process, the questionnaire collected a lot of information about each household's background and living standard such as household compositions, education levels of household members, labor and remittance income, consumption, and asset ownership. Description of modules contained in the questionnaire is provided in the Table A.2.1.

Table A.2.1 Modules of a Household Survey

Modules	Contents
Module 1. General Information	Address, dates and time of interviews and codes of the enumerators.
Module 2. Household Roster	Age, sex, employment status, marital status of each members and his/her relationship with the household head
Module 3. Education and Political Participation	Education level completed, schooling period, current schooling status, literacy level of each members 8 years old and older. Political participation of those who are 18 years old and older.
Module 4. Labor Income and Remittances	Labor income, income from private business, pensions from social insurance and capital income and remittances for each member.
Module 5. General Questions	Type and quantity of dwelling, registration status and origin of the household.
Module 6. Social opinions	People's opinions about the social status of Mongolia, preferences for dwelling type and location.
Module 7. Consumption and Durable Goods	Food expenditure per month, consumption data on basic and relatively luxurious food items, frequencies of bathing, internet and telephone usage.
Module 8. Land	Existence and ownership of fence around the residential lot, land permit and land ownership status.
Module 9. Social welfare and assistance	Social assistance recipient situation of each individual within last 12 months, people's opinions and evaluations of social assistance programs, ways households cope with liquidity constraints, borrowing sources.
Module 10. Child Money Program	Questions regarding application process and attitudes of related officials, costs, and overall evaluation of applicants.

Potential responses to almost all questions are given numbered codes and the enumerator recorded the response code on the questionnaire. But some questions required additional manual coding, as many responses could not be categorized into codes prepared in advance. Skip codes were used frequently in the questionnaire so that only applicable questions are asked to a respondent. A skip code is an indication to the interviewer to proceed to the next appropriate question. For more detailed information on standard LSMS type questionnaire, see Grosh and Munoz (1996) and Grosh and Glewwe (2000).

Description of the Sampling Methods

Primary aims of the survey were to assess poverty situation in Ulaanbaatar, evaluate child money program from the households' point of view and gather information on land privatization process and its impacts on households. We limited our focus to the capital city due to financial and time constraints. Before describing sampling methods, it is useful to be aware of the types of residential areas and administrative structure in Ulaanbaatar. Ulaanbaatar has nine districts, of which three are remote districts. Three remote districts, i.e., Nalaikh, Baganuur and Bagakhangai, are located 80 to 100 kilometers far away from the city centre. The non-remote districts are as follows: Sukhbaatar (SB), Bayangol (BG), Bayanzurkh (BZ), Songinokairkhan (SK), Khan-Uul (KU) and Chingeltei (CH). Each district consists of two to 21 khoroos, which are the smallest administrative units in the city. Khoroos are formally subdivided into khesegs (household groups) of 50-150 households.

Ulaanbaatar has three main types of residential areas: "apartment area", "ger area" and "mixed area". The "apartment area" consists of 5-9 floor apartments built mostly during the socialist period. The "ger area" consists of fenced residential lots, where a traditional felt and wooden shelter (ger) and/or a simple house (baishin) without water supply and sewage are located. "Mixed area" consists of both apartments, and gers and simple houses, located close to each other. Recently, due to rapid migration from rural area to Ulaanbaatar, a new type of residential area is being formed—so called "newly formed ger area" SK and BZ are located in the outskirts of the city and consist of apartment areas as well as ger areas, while CH and SB are located in the center of city. BG mainly consists of apartment areas, whereas, KU consists of industrial zones, some apartment areas and ger areas.

The design of our sampling is a multi-stage mixture of stratified sampling and random sampling. Households were chosen according to a four-step process of : (1) defining strata and units for sampling frame; (2) choosing specific khoroos (primary sampling units) from each strata; (3) choosing one or two specific khesegs (clusters) from within each selected khoroo; and (4) randomly selecting households from within those khesegs to interview. This method was chosen to obtain a complete picture of (chosen) community characteristics while achieving cost efficiency and controllability of the survey given the limited time and resources.

The three remote districts were excluded from the sample due to resource constraints. There are total of 88 khoroos in the remaining six districts. Since the survey aimed to gather information on child money program and land privatization process, stratification that is highly correlated with both poverty and land ownership was preferred to be chosen. When defining strata we used residential area classification. Each khoroo is classified as one of the following four types: newly formed ger area, long-standing ger area, apartment area, and mixed area. Table A.2.5 provides the data used for this classification and the classification of each khoroo. These four categories were used as strata (or domains of estimation).

Firstly, we determined the number of Primary Sampling Units (PSU) to sample from each stratum. As a commonly known fact, residents in ger areas are generally poorer than residents in apartment areas. Furthermore, most residents of the newly formed ger areas are new migrants from rural areas. In view of our interest in the poor and recent migrants, the proportion of types shown in Table A.2.3 was considered appropriate.

Table A.2.2: Number of PSUs to select by type

Type of segment	Number of PSUs to select
Newly formed ger area	3
Long-standing ger area	2
Apartment area	1
Mixed area	2

When identifying units to be selected as PSUs, we considered geographical location on top of the classification by area types. Each district was treated as an independent segment. Then, khoroos with the same classification by area type in the same district are taken together as one unit. Thus, the sampling frame for the first stage consists of at most 24 segments. When selecting PSUs, population and poverty status of the districts were taken into account. SK and BZ districts should be represented more as they are the most populous and poorest districts in Ulaanbaatar. Moreover, the majority of new migrants have settled in these districts as can be seen from Table A.2.5. Since BG is a relatively rich district and mainly consists of apartment areas, no PSU was chosen from this district. We preferred to include units located in ger areas of both outskirts of the city and close to city centre. Considering these factors, we have selected segments described in the Table A.2.3.to be PSUs for the survey.

Table A.2.3: Primary Sampling Units

District	Area Type
Songino Khairkhan	Newly formed ger area
	Long-standing ger area
	Apartment area
	Mixed area
Chingeltei	Newly formed ger area
Chingeltei or Sukhbaatar	Long-standing ger area
Bayanzurkh	Newly formed ger area
	Mixed area

Thirdly, one khoroo was selected from each PSU. We wished to select a khoroo that represents the PSU with respect to poverty. Since poverty data at khoroo level was not available, we used the proportion of beneficiaries of the newly initiated Child Money Program to the total number of population as a proxy of poverty measurement. Therefore, khoroos with a median proportion of Child Money beneficiaries were chosen from each PSU. Table A.2.5 provides data on beneficiaries of child allowance by each khoroo of each selected segment. A list of selected khoroos is provided in Table A.2.4.

Table A.2.4: Selected Khoroos

Strata	**Distrist**	**Khoroo No.**
Apartment area	Songino Khairkhan	17
Mixed area	Songino Khairkhan	20
	Bayanzurkh	8
Long-standing ger area	Songino Khairkhan	8
	Sukhbaatar	12
	Chingeltei	18
Newly formed ger area	Songino hairkhan	4
	Bayanzurkh	2

Then a kheseg that was representative of the selected khoroo with respect to dwelling type was selected as a survey site (cluster) from each PSU except for in mixed areas. For a selected khoroo in ger area, a kheseg that is located in ger area was chosen, even though the khoroo may have some khesegs that are located in apartment area. On the other hand, a kheseg located in apartment area was selected for khoroo in apartment area. For khoroos in mixed area, two khesegs were chosen: one representing apartment area and another representing ger area. Brief description of the survey sites is provided in the next section.

Finally, 40 households were randomly chosen from each kheseg that are located in apartment

area or ger area. Twenty households were randomly chosen from each kheseg in mixed area. In total, 320 households from 10 khesegs were chosen and interviewed according to this sampling method.

However, the number of Child Money beneficiaries and/or eligible households selected according to this stratified random sampling method was not large enough to be analyzed. Because one of our main objectives was to assess properties of the Child Money Program, additional households needed to be selected. Therefore, additional 155 households were selected randomly from households eligible for receiving Child Money who reside in the same 10 khesegs chosen through the initial sampling method. It enabled us to obtain better information regarding application and implementation process of the Child Money Program. Also, additional 40 homeless households were interviewed at the "Soup Kitchen"—a charity restaurant located in SK district. In total, 415 households were interviewed and analyzed for the purpose of this paper.

Table A.2.5 illustrates the necessary information for our sampling scheme. We can see that population of ger areas has dynamically increased between 1999 and 2004. For example, BZ district, 2nd khoroo is the most rapidly populated khoroo; it has increased its population almost two and half times in 4 years. On the other hand the population of apartment areas where relatively wealthy people live has been mildly constant. This fact reflects massive migration of poor herders from rural area into the cities due to recent successively harsh winters.

Table A.2.5: Residential Type and Populations by Khoroos

District	Khoroo Number	Population		Population Growth 1999-2004	HHs by Living Area		Share in Total HHs		Class
		1999	2004		Apartment Area	Ger Area	HHs live in Ger Area	HHs receive Child Money	
BZ	1	1,305	1,332	2.1%	1,332	0	0.0%	1.3%	A
	2	2,245	5,412	141.1%	0	5,412	100.0%	9.5%	D
	3	1,279	1,324	3.5%	1,324	0	0.0%	1.1%	A
	4	2,065	2,301	11.4%	2,245	56	2.0%	2.9%	A
	5	2,146	4,256	98.3%	1,916	2,340	55.0%	8.2%	B
	6	1,690	2,088	23.6%	2,088	0	0.0%	3.3%	A
	7	1,817	1,620	-10.8%	1,620	0	0.0%	2.5%	A
	8	1,787	2,200	23.1%	578	1,622	74.0%	11.7%	B
	9	1,490	2,332	56.5%	0	2,332	100.0%	12.0%	D
	10	1,729	3,400	96.7%	198	3,202	94.0%	10.4%	D
	11	570	1,030	80.7%	27	1,003	97.0%	9.5%	D
	12	1,798	2,100	16.8%	0	2,100	100.0%	12.1%	C
	13	1,233	2,069	67.8%	17	2,052	99.0%	6.8%	D
	14	1,245	1,936	55.5%	200	1,736	90.0%	7.5%	D
	15	1,090	1,224	12.3%	1,224	0	0.0%	1.6%	A
	16	2,122	2,200	3.7%	2,006	194	9.0%	2.4%	A
	17	1,680	1,824	8.6%	0	1,824	100.0%	13.1%	C
	18	1,748	1,848	5.7%	1,848	0	0.0%	1.4%	A
	19	1,552	2,180	40.5%	315	1,865	86.0%	12.1%	D
	20	943	1,732	83.7%	0	1,732	100.0%	9.8%	D
	Total	31,534	44,408	40.8%	16,938	27,470	62.0%		

District	Khoroo Number	Population		Population Growth 1999-2004	HHs by Living Area		Share in Total HHs		Class
		1999	2004		Apartment Area	Ger Area	HHs live in Ger Area	HHs receive Child Money	
KU	1	1,656	1,956	18.1%	1,956	0	0.0%	3.2%	A
	2	1,668	1,685	1.0%	1,670	15	1.0%	4.0%	A
	3	1,302	1,381	6.1%	1,252	129	9.0%	7.1%	A
	4	975	1,300	33.3%	0	1,300	100.0%	12.5%	C
	5	1,033	1,089	5.4%	0	1,089	100.0%	13.8%	C
	6	1,138	1,433	25.9%	0	1,433	100.0%	12.9%	C
	7	880	1,100	25.0%	0	1,100	100.0%	8.8%	C
	8	1,161	1,620	39.5%	0	1,620	100.0%	15.4%	D
	9	1,762	2,674	51.8%	0	2,674	100.0%	10.0%	D
	10	1,035	1,342	29.7%	584	758	56.0%	6.9%	B
	11	641	635	-0.9%	410	225	35.0%	9.9%	B
	12	833	1,065	27.9%	226	839	79.0%	10.5%	C
	13	571	588	3.0%	128	460	78.0%	15.0%	C
	14		427	0.0%	0	427	100.0%	12.9%	C
	Total	14,655	18,295	24.8%	6,226	12,069	66.0%	0.0%	
SB	1	768	830	8.1%	830	0	0.0%	2.4%	A
	2	1,139	1,310	15.0%	1,310	0	0.0%	1.2%	A
	3	1,280	1,265	-1.2%	1,265	0	0.0%	2.1%	A
	4	756	860	13.8%	860	0	0.0%	0.5%	A
	5	1,029	1,079	4.9%	1,079	0	0.0%	1.3%	A
	6	776	810	4.4%	810	0	0.0%	4.6%	A
	7	1,446	1,524	5.4%	1,524	0	0.0%	1.8%	A
	8	1,359	2,130	56.7%	2,130	0	0.0%	1.5%	A
	9	1,806	2,035	12.7%	294	1,741	86.0%	6.5%	C
	10	1,314	1,450	10.4%	1,450	0	0.0%	2.7%	A
	11	1,731	2,112	22.0%	0	2,112	100.0%	8.5%	C
	12	1,443	1,268	-12.1%	0	1,268	100.0%	7.1%	C
	13	987	1,610	63.1%	0	1,610	100.0%	10.5%	D
	14	896	1,185	32.3%	0	1,185	100.0%	10.3%	C
	15	1,730	2,400	38.7%	0	2,400	100.0%	8.5%	D
	16	1,547	2,700	74.5%	0	2,700	100.0%	8.9%	D
	Total	20,007	24,568	22.8%	11,552	13,016	53.0%		

District	Khoroo Number	Population		Population Growth 1999-2004	HHs by Living Area		Share in Total HHs		Class
		1999	2004		Apartment Area	Ger Area	HHs live in Ger Area	HHs receive Child Money	
BG	1	1,661	1,878	13.1%	1,864	14	1.0%	3.5%	A
	2	1,009	1,220	20.9%	1,220	0	0.0%	3.9%	A
	3	1,620	2,010	24.1%	1,970	40	2.0%	2.7%	A
	4	2,280	2,402	5.4%	2,402	0	0.0%	2.3%	A
	5	1,991	1,745	-12.4%	1,745	0	0.0%	1.6%	A
	6	1,433	2,186	52.6%	2,164	22	1.0%	2.6%	A
	7	1,592	1,661	4.3%	1,545	116	7.0%	2.3%	A
	8	1,532	1,679	9.6%	1,679	0	0.0%	1.9%	A
	9	1,635	2,460	50.5%	504	1,956	80.0%	9.4%	D
	10	1,601	2,694	68.3%	293	2,401	89.0%	8.0%	D
	11	1,955	2,201	12.6%	63	2,138	97.0%	8.7%	C
	12	2,192	2,210	0.8%	2,210	0	0.0%	1.1%	A
	13	1,038	1,250	20.4%	1,250	0	0.0%	2.0%	A
	14	1,177	1,330	13.0%	1,330	0	0.0%	1.4%	A
	15	1,182	1,310	10.8%	1,310	0	0.0%	1.4%	A
	16	1,045	1,478	41.4%	123	1,355	92.0%	7.2%	D
	17	1,102	1,256	14.0%	1,256	0	0.0%	2.0%	A
	18	1,732	1,872	8.1%	1,872	0	0.0%	1.2%	A
	19	1,454	1,517	4.3%	1,517	0	0.0%	1.1%	A
	20		604	0.0%	286	318	53.0%	8.4%	B
	Total	29,231	34,963	19.6%	26,603	8,360	24.0%		
CH	1	875	955	9.1%	955	0	0.0%	0.1%	A
	2	780	760	-2.6%	760	0	0.0%	0.4%	A
	3	978	1,122	14.7%	1,122	0	0.0%	0.0%	A
	4	1,041	1,135	9.0%	1,135	0	0.0%	0.3%	A
	5	986	1,095	11.1%	1,095	0	0.0%	0.2%	A
	6	1,192	1,168	-2.0%	1,168	0	0.0%	0.2%	A
	7	1,112	2,103	89.1%	0	2,103	100.0%	1.0%	D
	8	984	1,312	33.3%	0	1,312	100.0%	1.3%	C
	9	1,270	1,332	4.9%	0	1,332	100.0%	0.8%	C
	10	1,206	1,423	18.0%	0	1,423	100.0%	0.7%	C
	11	1,185	1,396	17.8%	0	1,396	100.0%	1.7%	C
	12	1,656	1,980	19.6%	0	1,980	100.0%	1.6%	C
	13	1,494	1,718	15.0%	0	1,718	100.0%	1.8%	C
	14	1,265	1,614	27.6%	0	1,614	100.0%	1.7%	C
	15	1,460	1,496	2.5%	0	1,496	100.0%	1.8%	C
	16	1,465	2,032	38.7%	0	2,032	100.0%	0.6%	D
	17	1,541	1,931	25.3%	0	1,931	100.0%	3.7%	C
	18	1,847	2,981	61.4%	0	2,981	100.0%	0.6%	D
	Total	22,337	27,553	23.4%	6,235	21,318	77.0%		C

District	Khoroo Number	Population		Population Growth 1999-2004	HHs by Living Area		Share in Total HHs		Class
		1999	2004		Apartment Area	Ger Area	HHs live in Ger Area	HHs receive Child Money	
SK	1	1,546	3,745	142.2%	82	3,663	98.0%	8.0%	D
	2	911	1,110	21.8%	0	1,110	100.0%	12.4%	C
	3	1,779	2,137	20.1%	0	2,137	100.0%	18.3%	C
	4	1,279	1,911	49.4%	0	1,911	100.0%	16.2%	D
	5	1,790	2,301	28.6%	395	1,906	83.0%	10.2%	C
	6	2,156	3,096	43.6%	523	2,573	83.0%	14.1%	D
	7	1,531	2,749	79.6%	0	2,749	100.0%	10.3%	D
	8	1,264	1,472	16.5%	0	1,472	100.0%	12.3%	C
	9	2,076	3,340	60.9%	0	3,340	100.0%	10.2%	D
	10	1,501	2,238	49.1%	209	2,029	91.0%	11.5%	D
	11	1,901	2,222	16.9%	0	2,222	100.0%	6.8%	C
	12	1,000	1,685	68.5%	952	733	44.0%	4.0%	B
	13	1,280	1,639	28.1%	1,289	350	21.0%	3.8%	A
	14	1,364	1,672	22.6%	1,236	436	26.0%	15.7%	B
	15	1,345	1,668	24.0%	1,517	151	9.0%	3.6%	A
	16	1,247	1,494	19.8%	1,314	180	12.0%	3.6%	A
	17	1,276	1,380	8.2%	1,212	168	12.0%	4.0%	A
	18	1,903	1,929	1.4%	1,775	154	8.0%	3.3%	A
	19	1,838	1,878	2.2%	1,592	286	15.0%	3.7%	A
	20	1,495	1,856	24.2%	804	1,052	57.0%	15.4%	B
	21	893	1,360	52.3%	0	1,360	100.0%	9.6%	D
	Total	31,375	42,882	36.7%	12,900	29,982	70.0%		
Grand Total		149,139	192,669	29.2%	80,454	112,215	58.0%		

Notes: Classifications are: A-apartment area, B-mixed area, C-long-standing ger area, D- newly formed ger area. If the share of HHs live in ger area (SG)>0.75 then the khoroo is classified as ger area, if 0.75>= SG>=0.25 then mixed area, if SG<0.25 then apartment area, if population growth >0.35 then newly formed area.

Sources: The Ulaanbaatar City Administration; Labor and Social Services Office of each district, phone inquiry to each khoroo.

Description of Survey Sites

Brief description of khesegs selected as result of these considerations is provided below.

Chingeltei district

18th Khoroo

This khoroo is located in the farthest suburb of Ulaanbaatar city and has a relatively big territory. Therefore, many migrants from rural area settle here and have formed a place called "Zadgai"—meaning an "open space". Thus, many residents do not have land permit and do not own fence around the dwelling. Most of the residents want to obtain ownership of land. They get information regarding land privatization and social welfare mostly through khoroo social workers and kheseg chiefs. Due to the location of the district, a considerable percentage of the residents are unfamiliar with modern technology and have poor general knowledge. Also, the hygienic level in this area is very low.

Songino Khairhan district

4th Khoroo

This khoroo is located in the suburbs of Ulaanbaatar and most of the residents have migrated from rural areas. Due to the location, residents are isolated from information network as well as social infrastructures and are unable to utilize welfare services that are provided. Many residents have issues with registration and identification. Living conditions are relatively poor.

8th Khoroo

Majority of the residents of this khoroo have either sold their own apartments or recently migrated from rural areas. Most of the households have only one or two wage earners and their income is barely enough to cover food expenses. The percentage of elderly, retired and unemployed is high. Moreover, living conditions of the residents do not satisfy the sanitary standards and has harmful effects on the environment.

17th Khoroo

Households that live in apartments in this khoroo have relatively high living standard. They were not willing to report the actual amount of income, in order to be eligible for various welfare benefits. Income of people who run their own business such as cafeteria management, covers only food expenses. There are many households whose children or relatives live and work abroad, mainly in South Korea. Also, many homeless people live in this district and eat their meals at “Soup kitchen”, which operates five days a week. Homeless people occasionally take a bath at Yaarmag Care Center or Enerel Clinic. Main factors that pushed them to a homeless life are alcohol addiction and domestic violence.

20th Khoroo, 3rd kheseg

This kheseg is located in a ger area. Territory of the khoroo covers the western border of the city. People claimed that a bad smell comes to the area during summer time, due to its proximity to the central sewage sanitization system. Some of residents in this kheseg live in communal houses. These communal houses were built as military housing during the communism. Although these buildings are connected to central heating system, Residential Housing Unit shuts down heating around March due to large number of payment failure. Communal houses do not have a sewage system and residents use a wooden toilet outside. Living standards of people who live in gers seemed considerably better than those who live in communal houses.

20th Khoroo, 5th kheseg

Kheseg 5 only consists of 3 five-store residential buildings. In general, livelihood of households living in there is much better than the living standard of ger area residents. Most of the residents were students, as rents are much cheaper than in the center of town. Owners of small shops claimed that their daily income is about 200.000 MNT every day. This suggests that consumers around this area have a high purchasing power. There were no other unique characteristics in households around this area.

Sukhbaatar district

12th khoroo

Most of the households in this khoroo have migrated from the countryside in the 1990`s because this area was very popular at the time because of being close to the Denjiin Myanga Market. Old residents who have lived here for a long time are mainly poor and have a little desire to work. The migrants are more willing to work and interested in improving their living conditions, but their income is unstable as

they are registered as temporary residents. Main causes of poverty here are: lack of information, low educational level of the residents and a high unemployment. Many households have problems with dwelling and some of them receive assistance from international organizations.

Bayanzurh district

8th Khoroo, 3rd kheseg

This kheseg is located in a hilly area called “Ulaan ovoo”. Parts of this district are sloping and rocky which makes farming difficult. Some households are isolated from the center of the town and have low knowledge about the outside world. Poverty and unemployment is high and the residents are low-spirited and pessimistic. There are several severely poor people who cannot get welfare benefits and child money due to lack of proper registration and identification. Some residents are incapable of improving their living conditions due to lack of education. Young people have no intention to work and are socially inactive, but old people are able to make a living on their small pensions. The residents get information mainly through TV news. Most people run their own businesses such as small shops and kiosks, and local stores do not sell some brand or type of food that are common in the center of Ulaanbaatar.

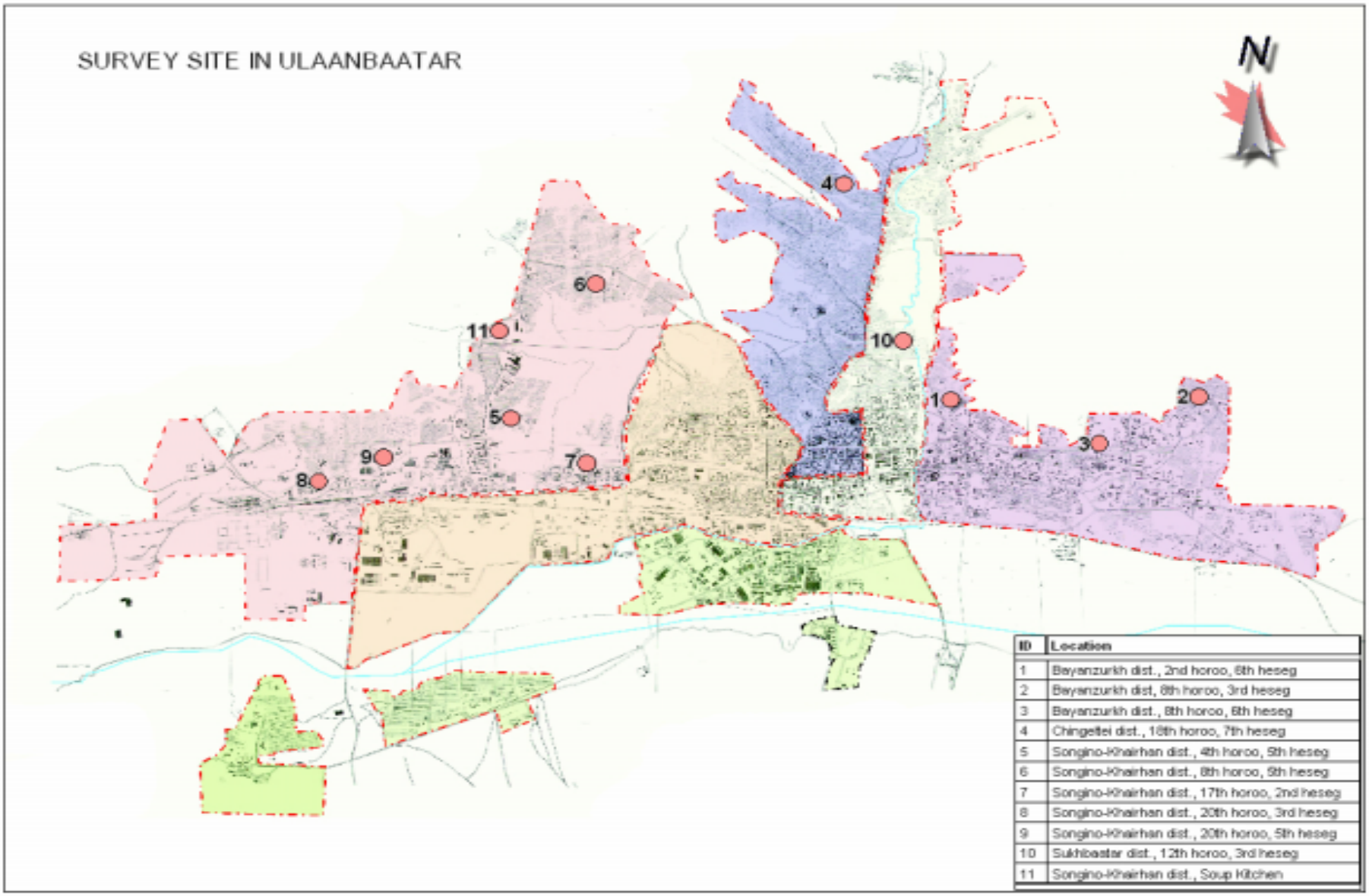
8th Khoroo, 6th kheseg

This kheseg is located in an apartment area. It consists of a few five-story apartment complexes, where employees of Mongolian Railroad Company reside. Through the first to the fourth floors have apartments with two or three rooms while the fifth floor has only single rooms with common kitchen and bathroom. Mongolian Railroad is a Mongolian-Russian joint company and their employees have better living standard than ger area residents. At least one or two members of households are employed or receive retirement pension or remittance from relatives. Residents on the fifth floor (public residence) have relatively low living standard as they are usually single elderly or large families.

2nd Khoroo

Territory of this ger area is in the middle of the city and is close to the road network. The households who participated in the questionnaire were located in various locations such as close to a roadway or on a hill far from the roadway. Most of the households who resided close to a roadway were native residents of Dari-Ekh, and had been living for a long time in Ulaanbaatar. On the other hand, the households who resided on a mountain had recently migrated from the rural area. Only three to five households had fair living conditions and the others were poor. House furniture was old, they did not have electronic devices, and the clothing was bad. Dari-Ekh is a mountainous and rocky area which makes it difficult for residents to farm. The residents have strong desire to privatize the land and they are content with having even one which is on a slope. Streets are in a low sanitary condition. There were many disabled or injured people and residents had strong desire to be involved in benefit programs and some people were complaining that there was no support from Khoroo. The residents who had been living there for a long time did not know much about the city. There were several households with dwelling problem.

In the next page, a map of Ulaanbaatar, which shows locations of our survey sites, is provided.



ID	Location
1	Bayanzurkh dist., 2nd horoo, 6th heseg
2	Bayanzurkh dist, 8th horoo, 3rd heseg
3	Bayanzurkh dist., 8th horoo, 6th heseg
4	Chingeltei dist., 18th horoo, 7th heseg
5	Songino-Khairhan dist., 4th horoo, 5th heseg
6	Songino-Khairhan dist., 8th horoo, 5th heseg
7	Songino-Khairhan dist., 17th horoo, 2nd heseg
8	Songino-Khairhan dist., 20th horoo, 3rd heseg
9	Songino-Khairhan dist., 20th horoo, 5th heseg
10	Sukhbaatar dist., 12th horoo, 3rd heseg
11	Songino-Khairhan dist., Soup Kitchen

Survey Implementation and Data Quality

Field surveys were conducted to gather information exclusively for assessing Child Money Program and Land Privatization in Mongolia. Draft versions of the questionnaire were tested through pilot surveys in the field. Pilot surveys helped to verify the flow of skip patterns and the adequacy of sequence of questions as well as wording of the questions. The pre-tests for the household-level questionnaires were conducted between the 16th and 25th of March 2005. After selecting the survey sites by using the stratified random sampling schemes described earlier, the survey team carried out interviews with 415 households, drawn from 6 districts of Ulaanbaatar. The survey was conducted between 4th and 15th of April 2005. A total of eight survey teams, which were composed of two enumerators, a team leader and an assistant, administered interviews by visiting respondents at home. The leaders were individuals with previous experience in household survey and assistants were mostly college students. Before initiating surveys, we organized a half-day on-site training sessions and a half-day classroom training sessions for enumerators on April 3, 2005. Data entry process continued between 5th and 28th of April 2005. Data entry operators were trained on the job.

These questionnaires seemed to work well in the field. Households were cooperative in talking about their socio-economic situations. In general, each household interview lasted approximately a half to one hour, depending on household's participation status of the child money program and land ownership status. Usually, one visit was sufficient. In some cases, enumerator had to visit the household again to complete some of unanswered questions or to correct inconsistencies. The respondents were cooperative and willing, as a small amount of incentive was provided.

All the questionnaires were checked upon receipt. When information was incomplete or appeared inconsistent, the questionnaire was sent back to the team of enumerators who completed the questionnaire. The team visited and interviewed the concerning household once more. Once collected, the information was compiled into an Excel data base and converted into Stata data file. Range checks for quantitative variables were performed at the time of the data entry. Some questions required additional manual coding, as many responses could not be categorized into codes prepared in advance. Verbal answers were translated from Mongolian into English. After converting the collected data into Stata file, ranges checks for possible errors were performed once again by tabulating each variable. Consistency checks using logical structure of the questionnaire were performed. At the analysis stage, the dataset was also checked for internal inconsistency, and whenever an inconsistency was found, the values were checked against the paper questionnaire and were corrected.

Appendix 3: Comparison of Variables Included and Excluded from PRR Replica

	Variables in Child Money Program Poverty Risk Ratio Method	Not included in replication
1	**Location**	
	Ulaanbaatar	
	Aimag[2] center	*X*
	Soum center	*X*
	Countryside	*X*
2	**Number of Household members**	
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8 or more	
3	**Education level**	
	Tertiary	
	Diploma level higher education (technical college)	
	Vocational	
	Complete secondary (10th grade)	
	Incomplete secondary (8th grade)	
	Primary	
	No education	
4	**Employment status**	
	State-budget organization	*State organization or enterprise*
	State-owned enterprise	
	Owner of private business or company	*Employed in private company*
	Employee at private company	
	Herder	*X*
	Farmer, agricultural laborer	*X*
	Informal sector worker	*X*
	International organizations	*X*
	NGOs	*X*
	Temporary or seasonal worker	
	Military person	*X*
	Pensioner	
	Unemployed	
	Incapable of working	*X*
5	**Housing condition**	
	Ger	
	Comfortable residence	*House*
	Apartment	
	Public house	*X*
	Renting	*X*
	Places not for inhabitance purposes	*Other*
	Manholes, entrance halls of apartment	
6	**Assets**	
	Monetary asset	*X*
	Livestock - (more than 4 livestock measured in large animal)	*X*
	Land /(income generating)	*X*
	Shop, Kiosk	*X*

[2] Aimag is an administrative unit equivalent to a prefecture

	Restaurant, cafeteria	*X*
	Private company	*X*
	2 of the above	*X*
	More than 3 of the above	*X*
	None of the above	*X*
7	**Number of members with income**	
	1	
	2	
	3	
	More than 4	
	No member with income	
	Livestock	
	less than 4	*X*
	5-10	*X*
	11-20	*X*
	21-30	*X*
	30-50	*X*
	More than 50	*X*
	No livestock	*X*
8	**Vehicle ownership**	
	Car	
	Motorcycle	*X*
	Tractor	*X*
	Carriage (horse pulled, ox pulled, camel pulled)	*X*
	No vehicle	
9	**Social assistance and benefits**	
	Receives assistance from Social Assistance Fund	*X*
	Receives assistance from NGOs	
	Receives assistance from relatives and other individuals	
	Receives assistance from abroad	*X*
	No assistance	
10	**Members with disability or development difficulty**	
	Speech or hearing impaired	*Disabled*
	Sight-impaired /blind/	
	Physically-handicapped /on wheel-chair or walks with crutches/	
	Mentally- handicapped	
	Bedridden /requires nursing/	
	2 of the above	*2 disabled*
	3 of the above	*3 disabled*
	None of the above	*No disabled*
11	**Household vulnerability**	
	Alcoholic	*X*
	Elderly (70 years and older)	
	Orphan	*X*
	Single household head with 4 or more children	
	Single elderly	
	2 of the above	
	3 of the above	
	None of the above	

Notes: Variables that are not included in the replica of PRR is marked with X.

Appendix 4: Full Tables and Graphs for Inclusion and Exclusion Errors

Table A.4.1: Comparison of Poverty Status Based on "True" Welfare and Child Money Receipt Status

Food poverty line: 17,639 MNT a month; Poverty line= 30,337 MNT (National poverty line)

		All households			Households with 3 or more children			Households with a child		
		Receive Child Money?			Receive Child Money?			Receive Child Money?		
		NO	YES	Total	NO	YES	Total	NO	YES	Total
PC food expense for all members	Non-poor	95	6	101	11	5	16	55	6	61
		30.55%	***6.52%***	*25.06%*	*28.95%*	***5.62%***	*12.60%*	*23.91%*	***6.67%***	*19.06%*
		94.06%	5.94%	100.00%	68.75%	31.25%	100.00%	90.16%	9.84%	100.00%
	Poor	216	86	302	27	84	111	175	84	259
		69.45%	*93.48%*	*74.94%*	*71.05%*	*94.38%*	*87.40%*	*76.09%*	*93.33%*	*80.94%*
		71.52%	28.48%	100.00%	**24.32%**	75.68%	100.00%	**67.57%**	32.43%	100.00%
	Total	311	92	403	38	89	127	230	90	320
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.17%	22.83%		29.92%	70.08%		71.88%	28.13%	
PC food expense for core members	Non-poor	86	5	91	10	4	14	51	5	56
		27.65%	***5.43%***	*22.58%*	*26.32%*	***4.49%***	*11.02%*	*22.17%*	***5.56%***	*17.50%*
		94.51%	5.49%	100.00%	71.43%	28.57%	100.00%	91.07%	8.93%	100.00%
	Poor	225	87	312	28	85	113	179	85	264
		72.35%	*94.57%*	*77.42%*	*73.68%*	*95.51%*	*88.98%*	*77.83%*	*94.44%*	*82.50%*
		72.12%	27.88%	100.00%	**24.78%**	75.22%	100.00%	**67.80%**	32.20%	100.00%
	Total	311	92	403	38	89	127	230	90	320
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.17%	22.83%		29.92%	70.08%		71.88%	28.13%	
AE food expense for core members	Non-poor	149	22	171	20	21	41	108	22	130
		48.06%	***24.18%***	*42.64%*	*52.63%*	***23.60%***	*32.28%*	*46.96%*	***24.44%***	*40.63%*
		87.13%	12.87%	100.00%	48.78%	51.22%	100.00%	83.08%	16.92%	100.00%
	Poor	161	69	230	18	68	86	122	68	190
		51.94%	*75.82%*	*57.36%*	*47.37%*	*76.40%*	*67.72%*	*53.04%*	*75.56%*	*59.38%*
		70.00%	30.00%	100.00%	**20.93%**	79.07%	100.00%	**64.21%**	35.79%	100.00%
	Total	310	91	401	38	89	127	230	90	320
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.31%	22.69%		29.92%	70.08%		71.88%	28.13%	
AE food expense for core members	Non-poor	137	22	159	19	21	40	100	22	122
		44.19%	***24.18%***	*39.65%*	*50.00%*	***23.60%***	*31.50%*	*43.48%*	***24.44%***	*38.13%*
		86.16%	13.84%	100.00%	47.50%	52.50%	100.00%	81.97%	18.03%	100.00%
	Poor	173	69	242	19	68	87	130	68	198
		55.81%	*75.82%*	*60.35%*	*50.00%*	*76.40%*	*68.50%*	*56.52%*	*75.56%*	*61.88%*
		71.49%	28.51%	100.00%	**21.84%**	78.16%	100.00%	**65.66%**	34.34%	100.00%
	Total	310	91	401	38	89	127	230	90	320
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.31%	22.69%		29.92%	70.08%		71.88%	28.13%	
PC income for core members	Non-poor	106	3	109	7	3	10	62	3	65
		34.64%	***3.23%***	*27.32%*	*18.42%*	***3.33%***	*7.81%*	*27.80%*	***3.30%***	*20.70%*
		97.25%	2.75%	100.00%	70.00%	30.00%	100.00%	95.38%	4.62%	100.00%
	Poor	200	90	290	31	87	118	161	88	249
		65.36%	*96.77%*	*72.68%*	*81.58%*	*96.67%*	*92.19%*	*72.20%*	*96.70%*	*79.30%*
		68.97%	31.03%	100.00%	**26.27%**	73.73%	100.00%	**64.66%**	35.34%	100.00%
	Total	306	93	399	38	90	128	223	91	314
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		76.69%	23.31%		29.69%	70.31%		71.02%	28.98%	
PCincome for core members	Non-poor	102	3	105	8	3	11	62	3	65
		33.33%	***3.23%***	*26.32%*	*21.05%*	***3.33%***	*8.59%*	*27.80%*	***3.30%***	*20.70%*
		97.14%	2.86%	100.00%	72.73%	27.27%	100.00%	95.38%	4.62%	100.00%
	Poor	204	90	294	30	87	117	161	88	249
		66.67%	*96.77%*	*73.68%*	*78.95%*	*96.67%*	*91.41%*	*72.20%*	*96.70%*	*79.30%*
		69.39%	30.61%	100.00%	**25.64%**	74.36%	100.00%	**64.66%**	35.34%	100.00%
	Total	306	93	399	38	90	128	223	91	314
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		76.69%	23.31%		29.69%	70.31%		71.02%	28.98%	

Notes: Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.4.2: Comparison of Poverty Status Based on "True" Welfare and PRR Method

Food poverty line: 17,639 MNT a month; Poverty line= 30,337 MNT (National poverty line)

		Living standard according to Poverty Risk Ratio method						
		Affordable	Average	Poor	Extremely	Total	Non poor	Poor
PC food expense for all members	Non-poor	9	67	25	0	101	76	25
		90.00%	*34.18%*	*12.89%*	*0.00%*	*25.06%*	*36.89%*	***12.69%***
		8.91%	66.34%	24.75%	0.00%	100.00%	75.25%	24.75%
	Poor	1	129	169	3	302	130	172
		10.00%	*65.82%*	*87.11%*	*100.00%*	*74.94%*	*63.11%*	*87.31%*
		0.33%	42.72%	55.96%	0.99%	100.00%	**43.05%**	56.95%
	Total	10	196	194	3	403	206	197
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.48%	48.64%	48.14%	0.74%		51.12%	48.88%
PC food expense for core members	Non-poor	8	59	24	0	91	67	24
		88.89%	*31.22%*	*11.88%*	*0.00%*	*22.58%*	*33.84%*	***11.71%***
		8.79%	64.84%	26.37%	0.00%	100.00%	73.63%	26.37%
	Poor	1	130	178	3	312	131	181
		11.11%	*68.78%*	*88.12%*	*100.00%*	*77.42%*	*66.16%*	*88.29%*
		0.32%	41.67%	57.05%	0.96%	100.00%	**41.99%**	58.01%
	Total	9	189	202	3	403	198	205
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.23%	46.90%	50.12%	0.74%		49.13%	50.87%
AE food expense for core members	Non-poor	9	104	58	0	171	113	58
		90.00%	*53.33%*	*30.05%*	*0.00%*	*42.64%*	*55.12%*	***29.59%***
		5.26%	60.82%	33.92%	0.00%	100.00%	66.08%	33.92%
	Poor	1	91	135	3	230	92	138
		10.00%	*46.67%*	*69.95%*	*100.00%*	*57.36%*	*44.88%*	*70.41%*
		0.43%	39.57%	58.70%	1.30%	100.00%	**40.00%**	60.00%
	Total	10	195	193	3	401	205	196
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.49%	48.63%	48.13%	0.75%		51.12%	48.88%
AE food expense for core members	Non-poor	8	92	59	0	159	100	59
		88.89%	*48.94%*	*29.35%*	*0.00%*	*39.65%*	*50.76%*	***28.92%***
		5.03%	57.86%	37.11%	0.00%	100.00%	62.89%	37.11%
	Poor	1	96	142	3	242	97	145
		11.11%	*51.06%*	*70.65%*	*100.00%*	*60.35%*	*49.24%*	*71.08%*
		0.41%	39.67%	58.68%	1.24%	100.00%	**40.08%**	59.92%
	Total	9	188	201	3	401	197	204
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.24%	46.88%	50.12%	0.75%		49.13%	50.87%
PC income for core members	Non-poor	10	74	25	0	109	84	25
		100.00%	*37.95%*	*13.09%*	*0.00%*	*27.32%*	*40.98%*	***12.89%***
		9.17%	67.89%	22.94%	0.00%	100.00%	77.06%	22.94%
	Poor	0	121	166	3	290	121	169
		0.00%	*62.05%*	*86.91%*	*100.00%*	*72.68%*	*59.02%*	*87.11%*
		0.00%	41.72%	57.24%	1.03%	100.00%	**41.72%**	58.28%
	Total	10	195	191	3	399	205	194
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.51%	48.87%	47.87%	0.75%		51.38%	48.62%
PCincome for core members	Non-poor	9	68	28	0	105	77	28
		100.00%	*36.17%*	*14.07%*	*0.00%*	*26.32%*	*39.09%*	***13.86%***
		8.57%	64.76%	26.67%	0.00%	100.00%	73.33%	26.67%
	Poor	0	120	171	3	294	120	174
		0.00%	*63.83%*	*85.93%*	*100.00%*	*73.68%*	*60.91%*	*86.14%*
		0.00%	40.82%	58.16%	1.02%	100.00%	**40.82%**	59.18%
	Total	9	188	199	3	399	197	202
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.26%	47.12%	49.87%	0.75%		49.37%	50.63%

Notes: Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.4.3: Comparison of Poverty Status Based on PRR Method and Child Money Receipt Status

Food poverty line: 17,639 MNT a month; Poverty line= 30,337 MNT (National poverty line)

		All households			Households with 3 or more children			Households with 1 or more children		
		Receive Child Money?			Receive Child Money?			Receive Child Money?		
		NO	YES	Total	NO	YES	Total	NO	YES	Total
All members of a household	Non-poor	185	24	209	9	22	31	121	23	144
		57.45%	***25.81%***	*50.36%*	*23.08%*	***24.44%***	*24.03%*	*51.49%*	***25.27%***	*44.17%*
		88.52%	11.48%	100.00%	29.03%	70.97%	100.00%	84.03%	15.97%	100.00%
	Poor	137	69	206	30	68	98	114	68	182
		42.55%	*74.19%*	*49.64%*	*76.92%*	*75.56%*	*75.97%*	*48.51%*	*74.73%*	*55.83%*
		66.50%	33.50%	100.00%	**30.61%**	69.39%	100.00%	**62.64%**	37.36%	100.00%
	Total	322	93	415	39	90	129	235	91	326
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.59%	22.41%		30.23%	69.77%		72.09%	27.91%	
Core members of a household	Non-poor	179	22	201	9	20	29	116	21	137
		55.59%	***23.66%***	*48.43%*	*23.08%*	***22.22%***	*22.48%*	*49.36%*	***23.08%***	*42.02%*
		89.05%	10.95%	100.00%	31.03%	68.97%	100.00%	84.67%	15.33%	100.00%
	Poor	143	71	214	30	70	100	119	70	189
		44.41%	*76.34%*	*51.57%*	*76.92%*	*77.78%*	*77.52%*	*50.64%*	*76.92%*	*57.98%*
		66.82%	33.18%	100.00%	**30.00%**	70.00%	100.00%	**62.96%**	37.04%	100.00%
	Total	322	93	415	39	90	129	235	91	326
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.59%	22.41%		30.23%	69.77%		72.09%	27.91%	

Notes: Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.4.4:Inclusion Errors, Exclusion Errors, Undercoverage rates and Leakage rates under Alternative Tools. Poverty line=National (Food Poverty Line=17,639 MNT, Poverty Line=30,337 MNT

		Model 0			Model 1			Model 2			Model 3			Model 4			Model 5			Model 6		
		Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total
PC food expense for all members		41	59	100	41	58	99	45	54	99	46	52	98	46	52	98	46	53	99	42	58	100
	Non-poor	*65.08%*	***18.15%***	*25.77%*	*66.13%*	***17.90%***	*25.65%*	*71.43%*	***16.77%***	*25.71%*	*68.66%*	***16.46%***	*25.59%*	*75.41%*	***16.15%***	*25.59%*	*67.65%*	***16.72%***	*25.71%*	*68.85%*	***17.74%***	*25.77%*
		41.00%	59.00%	100.00%	41.41%	58.59%	100.00%	45.45%	54.55%	100.00%	46.94%	53.06%	100.00%	46.94%	53.06%	100.00%	46.46%	53.54%	100.00%	42.00%	58.00%	100.00%
		22	266	288	21	266	287	18	268	286	21	264	285	15	270	285	22	264	286	19	269	288
	Poor	*34.92%*	*81.85%*	*74.23%*	*33.87%*	*82.10%*	*74.35%*	*28.57%*	*83.23%*	*74.29%*	*31.34%*	*83.54%*	*74.41%*	*24.59%*	*83.85%*	*74.41%*	*32.35%*	*83.28%*	*74.29%*	*31.15%*	*82.26%*	*74.23%*
		7.64%	92.36%	100.00%	**7.32%**	92.68%	100.00%	**6.29%**	93.71%	100.00%	**7.37%**	92.63%	100.00%	**5.26%**	94.74%	100.00%	**7.69%**	92.31%	100.00%	**6.60%**	93.40%	100.00%
		63	325	388	62	324	386	63	322	385	67	316	383	61	322	383	68	317	385	61	327	388
	Total	16.24%	83.76%	100.00%	16.06%	83.94%	100.00%	16.36%	83.64%	100.00%	17.49%	82.51%	100.00%	15.93%	84.07%	100.00%	17.66%	82.34%	100.00%	15.72%	84.28%	100.00%
PC food expense for core members		35	55	90	39	50	89	40	49	89	42	47	89	41	48	89	41	48	89	37	53	90
	Non-poor	*62.50%*	***16.57%***	*23.20%*	*72.22%*	***15.11%***	*23.12%*	*70.18%*	***14.94%***	*23.12%*	*71.19%*	***14.51%***	*23.24%*	*71.93%*	***14.72%***	*23.24%*	*69.49%*	***14.77%***	*23.18%*	*64.91%*	***16.01%***	*23.20%*
		38.89%	61.11%	100.00%	43.82%	56.18%	100.00%	44.94%	55.06%	100.00%	47.19%	52.81%	100.00%	46.07%	53.93%	100.00%	46.07%	53.93%	100.00%	41.11%	58.89%	100.00%
		21	277	298	15	281	296	17	279	296	17	277	294	16	278	294	18	277	295	20	278	298
	Poor	*37.50%*	*83.43%*	*76.80%*	*27.78%*	*84.89%*	*76.88%*	*29.82%*	*85.06%*	*76.88%*	*28.81%*	*85.49%*	*76.76%*	*28.07%*	*85.28%*	*76.76%*	*30.51%*	*85.23%*	*76.82%*	*35.09%*	*83.99%*	*76.80%*
		7.05%	92.95%	100.00%	**5.07%**	94.93%	100.00%	**5.74%**	94.26%	100.00%	**5.78%**	94.22%	100.00%	**5.44%**	94.56%	100.00%	**6.10%**	93.90%	100.00%	**6.71%**	93.29%	100.00%
		56	332	388	54	331	385	57	328	385	59	324	383	57	326	383	59	325	384	57	331	388
	Total	14.43%	85.57%	100.00%	14.03%	85.97%	100.00%	14.81%	85.19%	100.00%	15.40%	84.60%	100.00%	14.88%	85.12%	100.00%	15.36%	84.64%	100.00%	14.69%	85.31%	100.00%
AE food expense for core members		105	62	167	95	72	167	101	64	165	101	62	163	107	58	165	107	58	165	106	61	167
	Non-poor	*68.18%*	***26.50%***	*43.04%*	*65.07%*	***29.75%***	*43.04%*	*67.33%*	***27.12%***	*42.75%*	*68.24%*	***26.38%***	*42.56%*	*70.39%*	***24.89%***	*42.86%*	*68.59%*	***25.22%***	*42.75%*	*67.52%*	***26.41%***	*43.04%*
		62.87%	37.13%	100.00%	56.89%	43.11%	100.00%	61.21%	38.79%	100.00%	61.96%	38.04%	100.00%	64.85%	35.15%	100.00%	64.85%	35.15%	100.00%	63.47%	36.53%	100.00%
		49	172	221	51	170	221	49	172	221	47	173	220	45	175	220	49	172	221	51	170	221
	Poor	*31.82%*	*73.50%*	*56.96%*	*34.93%*	*70.25%*	*56.96%*	*32.67%*	*72.88%*	*57.25%*	*31.76%*	*73.62%*	*57.44%*	*29.61%*	*75.11%*	*57.14%*	*31.41%*	*74.78%*	*57.25%*	*32.48%*	*73.59%*	*56.96%*
		22.17%	77.83%	100.00%	**23.08%**	76.92%	100.00%	**22.17%**	77.83%	100.00%	**21.36%**	78.64%	100.00%	**20.45%**	79.55%	100.00%	**22.17%**	77.83%	100.00%	**23.08%**	76.92%	100.00%
		154	234	388	146	242	388	150	236	386	148	235	383	152	233	385	156	230	386	157	231	388
	Total	39.69%	60.31%	100.00%	37.63%	62.37%	100.00%	38.86%	61.14%	100.00%	38.64%	61.36%		39.48%	60.52%		40.41%	59.59%	100.00%	40.46%	59.54%	100.00%
AE food expense for core members		93	63	156	95	59	154	98	56	154	94	59	153	96	57	153	101	53	154	91	65	156
	Non-poor	*67.39%*	***25.20%***	*40.21%*	*68.84%*	***23.89%***	*40.00%*	*70.00%*	***22.86%***	*40.00%*	*69.63%*	***23.69%***	*39.84%*	*71.11%*	***22.98%***	*39.95%*	*73.19%*	***21.46%***	*40.00%*	*67.91%*	***25.59%***	*40.21%*
		59.62%	40.38%	100.00%	61.69%	38.31%	100.00%	63.64%	36.36%	100.00%	61.44%	38.56%	100.00%	62.75%	37.25%	100.00%	65.58%	34.42%	100.00%	58.33%	41.67%	100.00%
		45	187	232	43	188	231	42	189	231	41	190	231	39	191	230	37	194	231	43	189	232
	Poor	*32.61%*	*74.80%*	*59.79%*	*31.16%*	*76.11%*	*60.00%*	*30.00%*	*77.14%*	*60.00%*	*30.37%*	*76.31%*	*60.16%*	*28.89%*	*77.02%*	*60.05%*	*26.81%*	*78.54%*	*60.00%*	*32.09%*	*74.41%*	*59.79%*
		19.40%	80.60%	100.00%	**18.61%**	81.39%	100.00%	**18.18%**	81.82%	100.00%	**17.75%**	82.25%	100.00%	**16.96%**	83.04%	100.00%	**16.02%**	83.98%	100.00%	**18.53%**	81.47%	100.00%
		138	250	388	138	247	385	140	245	385	135	249	384	135	248	383	138	247	385	134	254	388
	Total	35.57%	64.43%	100.00%	35.84%	64.16%	100.00%	36.36%	63.64%		35.16%	64.84%		35.25%	64.75%		35.84%	64.16%	100.00%	34.54%	65.46%	100.00%
PC income for core members		65	41	106	67	39	106	69	36	105	71	34	105	74	31	105	74	32	106	64	42	106
	Non-poor	*73.86%*	***13.67%***	*27.32%*	*81.71%*	***12.79%***	*27.39%*	*80.23%*	***12.16%***	*27.49%*	*81.61%*	***11.60%***	*27.63%*	*84.09%*	***10.62%***	*27.63%*	*83.15%*	***10.74%***	*27.39%*	*77.11%*	***13.77%***	*27.32%*
		61.32%	38.68%	100.00%	63.21%	36.79%	100.00%	65.71%	34.29%	100.00%	67.62%	32.38%	100.00%	70.48%	29.52%	100.00%	69.81%	30.19%	100.00%	60.38%	39.62%	100.00%
		23	259	282	15	266	281	17	260	277	16	259	275	14	261	275	15	266	281	19	263	282
	Poor	*26.14%*	*86.33%*	*72.68%*	*18.29%*	*87.21%*	*72.61%*	*19.77%*	*87.84%*	*72.51%*	*18.39%*	*88.40%*	*72.37%*	*15.91%*	*89.38%*	*72.37%*	*16.85%*	*89.26%*	*72.61%*	*22.89%*	*86.23%*	*72.68%*
		8.16%	91.84%	100.00%	**5.34%**	94.66%	100.00%	**6.14%**	93.86%	100.00%	**5.82%**	94.18%	100.00%	**5.09%**	94.91%	100.00%	**5.34%**	94.66%	100.00%	**6.74%**	93.26%	100.00%
		88	300	388	82	305	387	86	296	382	87	293	380	88	292	380	89	298	387	83	305	388
	Total	22.68%	77.32%	100.00%	21.19%	78.81%	100.00%	22.51%	77.49%	100.00%	22.89%	77.11%	100.00%	23.16%	76.84%	100.00%	23.00%	77.00%	100.00%	21.39%	78.61%	100.00%
PCincome for core members		62	40	102	72	30	102	71	31	102	65	35	100	71	29	100	70	32	102	59	43	102
	Non-poor	*76.54%*	***13.03%***	*26.29%*	*80.00%*	***10.07%***	*26.29%*	*80.68%*	***10.37%***	*26.36%*	*79.27%*	***11.71%***	*26.25%*	*81.61%*	***9.86%***	*26.25%*	*81.40%*	***10.63%***	*26.36%*	*74.68%*	***13.92%***	*26.29%*
		60.78%	39.22%	100.00%	70.59%	29.41%	100.00%	69.61%	30.39%	100.00%	65.00%	35.00%	100.00%	71.00%	29.00%	100.00%	68.63%	31.37%	100.00%	57.84%	42.16%	100.00%
		19	267	286	18	268	286	17	268	285	17	264	281	16	265	281	16	269	285	20	266	286
	Poor	*23.46%*	*86.97%*	*73.71%*	*20.00%*	*89.93%*	*73.71%*	*19.32%*	*89.63%*	*73.64%*	*20.73%*	*88.29%*	*73.75%*	*18.39%*	*90.14%*	*73.75%*	*18.60%*	*89.37%*	*73.64%*	*25.32%*	*86.08%*	*73.71%*
		6.64%	93.36%	100.00%	**6.29%**	93.71%	100.00%	**5.96%**	94.04%	100.00%	**6.05%**	93.95%	100.00%	**5.69%**	94.31%	100.00%	**5.61%**	94.39%	100.00%	**6.99%**	93.01%	100.00%
		81	307	388	90	298	388	88	299	387	82	299	381	87	294	381	86	301	387	79	309	388
	Total	20.88%	79.12%	100.00%	23.20%	76.80%	100.00%	22.74%	77.26%	100.00%	21.52%	78.48%	100.00%	22.83%	77.17%	100.00%	22.22%	77.78%	100.00%	20.36%	79.64%	100.00%

Notes: Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.4.5: Inclusion Errors, Exclusion Errors, Undercoverage rates and Leakage rates under Alternative Tools. Poverty line=Poverty line=National (Food Poverty Line=17,639 MNT, Poverty Line=30,337 MNT

		Model 0A			Model 1A			Model 2A			Model 3A			Model 4A			Model 5A			Model 6A		
		Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total
PC food expense for all members		40	57	97	44	55	99	53	46	99	53	45	98	51	47	98	50	49	99	46	54	100
	Non-poor	*67.80%*	***18.21%***	*26.08%*	*69.84%*	***17.03%***	*25.65%*	*70.67%*	***14.84%***	*25.71%*	*71.62%*	***14.61%***	*25.65%*	*71.83%*	***15.06%***	*25.59%*	*70.42%*	***15.56%***	*25.65%*	*67.65%*	***16.88%***	*25.77%*
		41.24%	58.76%	100.00%	44.44%	55.56%	100.00%	53.54%	46.46%	100.00%	54.08%	45.92%	100.00%	52.04%	47.96%	100.00%	50.51%	49.49%	100.00%	46.00%	54.00%	100.00%
		19	256	275	19	268	287	22	264	286	21	263	284	20	265	285	21	266	287	22	266	288
	Poor	*32.20%*	*81.79%*	*73.92%*	*30.16%*	*82.97%*	*74.35%*	*29.33%*	*85.16%*	*74.29%*	*28.38%*	*85.39%*	*74.35%*	*28.17%*	*84.94%*	*74.41%*	*29.58%*	*84.44%*	*74.35%*	*32.35%*	*83.13%*	*74.23%*
		6.91%	93.09%	100.00%	**6.62%**	93.38%	100.00%	**7.69%**	92.31%	100.00%	**7.39%**	92.61%	100.00%	**7.02%**	92.98%	100.00%	**7.32%**	92.68%	100.00%	**7.64%**	92.36%	100.00%
	Total	59	313	372	63	323	386	75	310	385	74	308	382	71	312	383	71	315	386	68	320	388
		15.86%	84.14%	100.00%	16.32%	83.68%	100.00%	19.48%	80.52%	100.00%	19.37%	80.63%	100.00%	18.54%	81.46%	100.00%	18.39%	81.61%	100.00%	17.53%	82.47%	100.00%
PC food expense for core members		36	51	87	42	47	89	42	46	88	53	36	89	52	37	89	46	42	88	39	51	90
	Non-poor	*66.67%*	***16.04%***	*23.39%*	*65.63%*	***14.60%***	*23.06%*	*62.69%*	***14.51%***	*22.92%*	*72.60%*	***11.65%***	*23.30%*	*71.23%*	***11.94%***	*23.24%*	*73.02%*	***13.08%***	*22.92%*	*69.64%*	***15.36%***	*23.20%*
		41.38%	58.62%	100.00%	47.19%	52.81%	100.00%	47.73%	52.27%	100.00%	59.55%	40.45%	100.00%	58.43%	41.57%	100.00%	52.27%	47.73%	100.00%	43.33%	56.67%	100.00%
		18	267	285	22	275	297	25	271	296	20	273	293	21	273	294	17	279	296	17	281	298
	Poor	*33.33%*	*83.96%*	*76.61%*	*34.38%*	*85.40%*	*76.94%*	*37.31%*	*85.49%*	*77.08%*	*27.40%*	*88.35%*	*76.70%*	*28.77%*	*88.06%*	*76.76%*	*26.98%*	*86.92%*	*77.08%*	*30.36%*	*84.64%*	*76.80%*
		6.32%	93.68%	100.00%	**7.41%**	92.59%	100.00%	**8.45%**	91.55%	100.00%	**6.83%**	93.17%	100.00%	**7.14%**	92.86%	100.00%	**5.74%**	94.26%	100.00%	**5.70%**	94.30%	100.00%
	Total	54	318	372	64	322	386	67	317	384	73	309	382	73	310	383	63	321	384	56	332	388
		14.52%	85.48%	100.00%	16.58%	83.42%	100.00%	17.45%	82.55%	100.00%	19.11%	80.89%	100.00%	19.06%	80.94%	100.00%	16.41%	83.59%	100.00%	14.43%	85.57%	100.00%
AE food expense for core members		103	61	164	104	61	165	102	63	165	103	60	163	114	49	163	112	53	165	107	60	167
	Non-poor	*70.55%*	***25.52%***	*42.60%*	*69.80%*	***25.74%***	*42.75%*	*68.92%*	***26.58%***	*42.86%*	*74.64%*	***24.49%***	*42.56%*	*76.51%*	***20.94%***	*42.56%*	*72.73%*	***22.94%***	*42.86%*	*69.48%*	***25.64%***	*43.04%*
		62.80%	37.20%	100.00%	63.03%	36.97%	100.00%	61.82%	38.18%	100.00%	63.19%	36.81%	100.00%	69.94%	30.06%	100.00%	67.88%	32.12%	100.00%	64.07%	35.93%	100.00%
		43	178	221	45	176	221	46	174	220	35	185	220	35	185	220	42	178	220	47	174	221
	Poor	*29.45%*	*74.48%*	*57.40%*	*30.20%*	*74.26%*	*57.25%*	*31.08%*	*73.42%*	*57.14%*	*25.36%*	*75.51%*	*57.44%*	*23.49%*	*79.06%*	*57.44%*	*27.27%*	*77.06%*	*57.14%*	*30.52%*	*74.36%*	*56.96%*
		19.46%	80.54%	100.00%	**20.36%**	79.64%	100.00%	**20.91%**	79.09%	100.00%	**15.91%**	84.09%	100.00%	**15.91%**	84.09%	100.00%	**19.09%**	80.91%	100.00%	**21.27%**	78.73%	100.00%
	Total	146	239	385	149	237	386	148	237	385	138	245	383	149	234	383	154	231	385	154	234	388
		37.92%	62.08%	100.00%	38.60%	61.40%	100.00%	38.44%	61.56%	100.00%	36.03%	63.97%		38.90%	61.10%		40.00%	60.00%	100.00%	39.69%	60.31%	100.00%
AE food expense for core members		89	64	153	97	57	154	95	59	154	100	53	153	101	52	153	100	54	154	91	65	156
	Non-poor	*66.92%*	***25.40%***	*39.74%*	*71.32%*	***22.80%***	*39.90%*	*70.90%*	***23.51%***	*40.00%*	*74.07%*	***21.37%***	*39.95%*	*74.26%*	***21.05%***	*39.95%*	*72.46%*	***21.86%***	*40.00%*	*66.91%*	***25.79%***	*40.21%*
		58.17%	41.83%	100.00%	62.99%	37.01%	100.00%	61.69%	38.31%	100.00%	65.36%	34.64%	100.00%	66.01%	33.99%	100.00%	64.94%	35.06%	100.00%	58.33%	41.67%	100.00%
		44	188	232	39	193	232	39	192	231	35	195	230	35	195	230	38	193	231	45	187	232
	Poor	*33.08%*	*74.60%*	*60.26%*	*28.68%*	*77.20%*	*60.10%*	*29.10%*	*76.49%*	*60.00%*	*25.93%*	*78.63%*	*60.05%*	*25.74%*	*78.95%*	*60.05%*	*27.54%*	*78.14%*	*60.00%*	*33.09%*	*74.21%*	*59.79%*
		18.97%	81.03%	100.00%	**16.81%**	83.19%	100.00%	**16.88%**	83.12%	100.00%	**15.22%**	84.78%	100.00%	**15.22%**	84.78%	100.00%	**16.45%**	83.55%	100.00%	**19.40%**	80.60%	100.00%
	Total	133	252	385	136	250	386	134	251	385	135	248	383	136	247	383	138	247	385	136	252	388
		34.55%	65.45%	100.00%	35.23%	64.77%	100.00%	34.81%	65.19%		35.25%	64.75%		35.51%	64.49%		35.84%	64.16%	100.00%	35.05%	64.95%	100.00%
PC income for core members		74	32	106	70	36	106	70	36	106	76	29	105	79	26	105	79	26	105	67	39	106
	Non-poor	*80.43%*	***10.92%***	*27.53%*	*78.65%*	***12.04%***	*27.32%*	*78.65%*	***12.04%***	*27.32%*	*81.72%*	***10.07%***	*27.56%*	*79.00%*	***9.25%***	*27.56%*	*82.29%*	***9.12%***	*27.56%*	*77.01%*	***12.96%***	*27.32%*
		69.81%	30.19%	100.00%	66.04%	33.96%	100.00%	66.04%	33.96%	100.00%	72.38%	27.62%	100.00%	75.24%	24.76%	100.00%	75.24%	24.76%	100.00%	63.21%	36.79%	100.00%
		18	261	279	19	263	282	19	263	282	17	259	276	21	255	276	17	259	276	20	262	282
	Poor	*19.57%*	*89.08%*	*72.47%*	*21.35%*	*87.96%*	*72.68%*	*21.35%*	*87.96%*	*72.68%*	*18.28%*	*89.93%*	*72.44%*	*21.00%*	*90.75%*	*72.44%*	*17.71%*	*90.88%*	*72.44%*	*22.99%*	*87.04%*	*72.68%*
		6.45%	93.55%	100.00%	**6.74%**	93.26%	100.00%	**6.74%**	93.26%	100.00%	**6.16%**	93.84%	100.00%	**7.61%**	92.39%	100.00%	**6.16%**	93.84%	100.00%	**7.09%**	92.91%	100.00%
	Total	92	293	385	89	299	388	89	299	388	93	288	381	100	281	381	96	285	381	87	301	388
		23.90%	76.10%	100.00%	22.94%	77.06%	100.00%	22.94%	77.06%	100.00%	24.41%	75.59%	100.00%	26.25%	73.75%	100.00%	25.20%	74.80%	100.00%	22.42%	77.58%	100.00%
PCincome for core members		59	43	102	72	30	102	71	31	102	68	32	100	72	29	101	73	29	102	59	43	102
	Non-poor	*77.63%*	***13.92%***	*26.49%*	*80.00%*	***10.07%***	*26.29%*	*80.68%*	***10.37%***	*26.36%*	*79.07%*	***10.85%***	*26.25%*	*82.76%*	***9.80%***	*26.37%*	*80.22%*	***9.80%***	*26.36%*	*77.63%*	***13.78%***	*26.29%*
		57.84%	42.16%	100.00%	70.59%	29.41%	100.00%	69.61%	30.39%	100.00%	68.00%	32.00%	100.00%	71.29%	28.71%	100.00%	71.57%	28.43%	100.00%	57.84%	42.16%	100.00%
		17	266	283	18	268	286	17	268	285	18	263	281	15	267	282	18	267	285	17	269	286
	Poor	*22.37%*	*86.08%*	*73.51%*	*20.00%*	*89.93%*	*73.71%*	*19.32%*	*89.63%*	*73.64%*	*20.93%*	*89.15%*	*73.75%*	*17.24%*	*90.20%*	*73.63%*	*19.78%*	*90.20%*	*73.64%*	*22.37%*	*86.22%*	*73.71%*
		6.01%	93.99%	100.00%	**6.29%**	93.71%	100.00%	**5.96%**	94.04%	100.00%	**6.41%**	93.59%	100.00%	**5.32%**	94.68%	100.00%	**6.32%**	93.68%	100.00%	**5.94%**	94.06%	100.00%
	Total	76	309	385	90	298	388	88	299	387	86	295	381	87	296	383	91	296	387	76	312	388
		19.74%	80.26%	100.00%	23.20%	76.80%	100.00%	22.74%	77.26%	100.00%	22.57%	77.43%	100.00%	22.72%	77.28%	100.00%	23.51%	76.49%	100.00%	19.59%	80.41%	100.00%

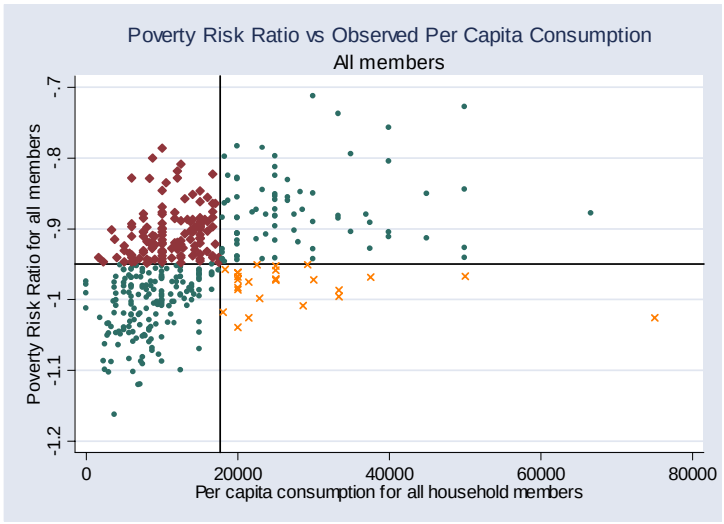
Notes: Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

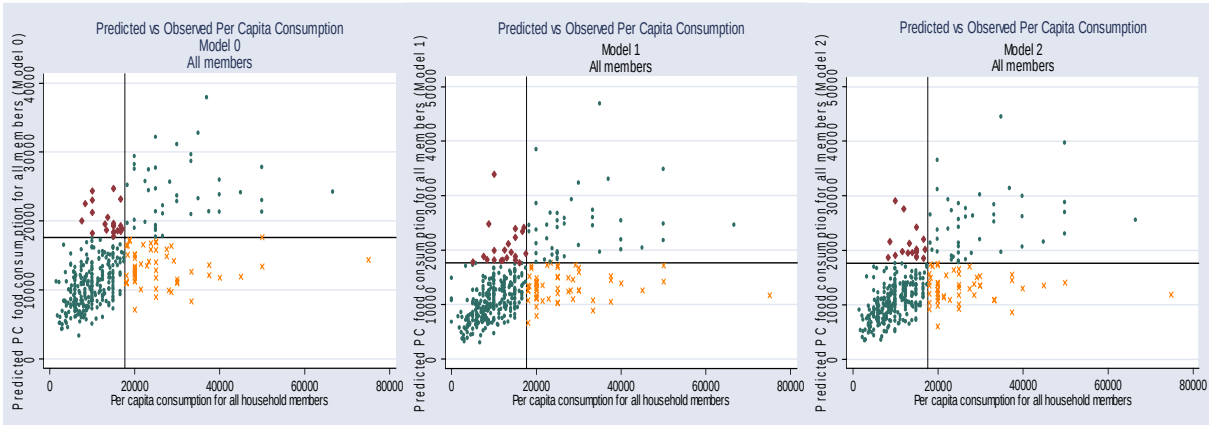
Table A.4.6: Inclusion Errors, Exclusion Errors, Undercoverage rates and Leakage rates under Alternative Tools. Poverty line=National (Food Poverty Line=17,639 MNT, Poverty Line=30,337 MNT

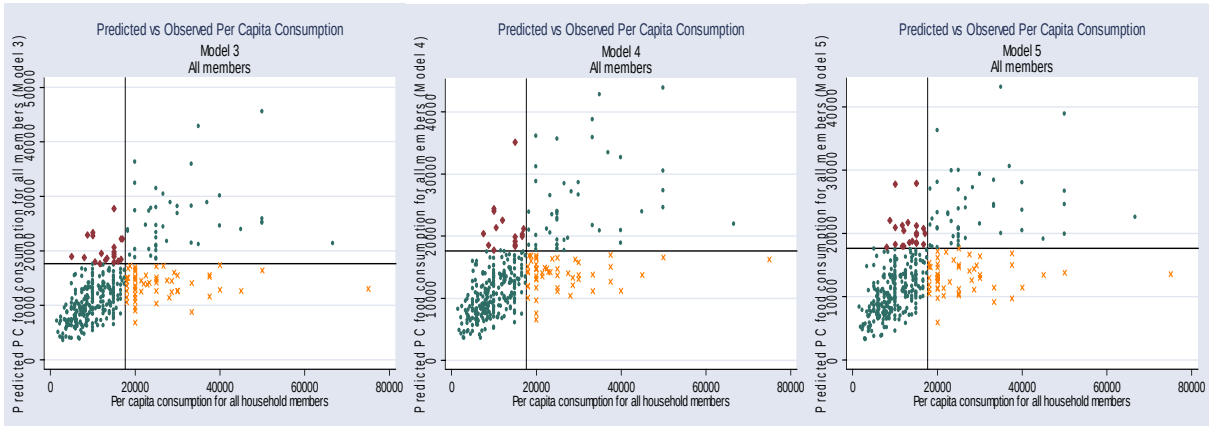
		Model 0B			Model 1B			Model 2B			Model 3B			Model 4B			Model 5B			Model 6B		
		Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total
PC food expense for all members	Non-poor	42	55	97	44	55	99	54	45	99	59	39	98	52	46	98	58	41	99	44	56	100
		70.00%	***17.63%***	*26.08%*	*69.84%*	***17.03%***	*25.65%*	*72.97%*	***14.47%***	*25.71%*	*75.64%*	***12.83%***	*25.65%*	*74.29%*	***14.70%***	*25.59%*	*74.36%*	***13.36%***	*25.71%*	*68.75%*	***17.28%***	*25.77%*
		43.30%	56.70%	100.00%	44.44%	55.56%	100.00%	54.55%	45.45%	100.00%	60.20%	39.80%	100.00%	53.06%	46.94%	100.00%	58.59%	41.41%	100.00%	44.00%	56.00%	100.00%
	Poor	18	257	275	19	268	287	20	266	286	19	265	284	18	267	285	20	266	286	20	268	288
		30.00%	*82.37%*	*73.92%*	*30.16%*	*82.97%*	*74.35%*	*27.03%*	*85.53%*	*74.29%*	*24.36%*	*87.17%*	*74.35%*	*25.71%*	*85.30%*	*74.41%*	*25.64%*	*86.64%*	*74.29%*	*31.25%*	*82.72%*	*74.23%*
		6.55%	93.45%	100.00%	**6.62%**	93.38%	100.00%	**6.99%**	93.01%	100.00%	**6.69%**	93.31%	100.00%	**6.32%**	93.68%	100.00%	**6.99%**	93.01%	100.00%	**6.94%**	93.06%	100.00%
	Total	60	312	372	63	323	386	74	311	385	78	304	382	70	313	383	78	307	385	64	324	388
		16.13%	83.87%	100.00%	16.32%	83.68%	100.00%	19.22%	80.78%	100.00%	20.42%	79.58%	100.00%	18.28%	81.72%	100.00%	20.26%	79.74%	100.00%	16.49%	83.51%	100.00%
PC food expense for core members	Non-poor	38	49	87	41	48	89	47	41	88	52	37	89	53	35	88	51	37	88	40	50	90
		70.37%	***15.41%***	*23.39%*	*68.33%*	***14.72%***	*23.06%*	*66.20%*	***13.10%***	*22.92%*	*75.36%*	***11.78%***	*23.24%*	*73.61%*	***11.33%***	*23.10%*	*73.91%*	***11.75%***	*22.92%*	*68.97%*	***15.15%***	*23.20%*
		43.68%	56.32%	100.00%	46.07%	53.93%	100.00%	53.41%	46.59%	100.00%	58.43%	41.57%	100.00%	60.23%	39.77%	100.00%	57.95%	42.05%	100.00%	44.44%	55.56%	100.00%
	Poor	16	269	285	19	278	297	24	272	296	17	277	294	19	274	293	18	278	296	18	280	298
		29.63%	*84.59%*	*76.61%*	*31.67%*	*85.28%*	*76.94%*	*33.80%*	*86.90%*	*77.08%*	*24.64%*	*88.22%*	*76.76%*	*26.39%*	*88.67%*	*76.90%*	*26.09%*	*88.25%*	*77.08%*	*31.03%*	*84.85%*	*76.80%*
		5.61%	94.39%	100.00%	**6.40%**	93.60%	100.00%	**8.11%**	91.89%	100.00%	**5.78%**	94.22%	100.00%	**6.48%**	93.52%	100.00%	**6.08%**	93.92%	100.00%	**6.04%**	93.96%	100.00%
	Total	54	318	372	60	326	386	71	313	384	69	314	383	72	309	381	69	315	384	58	330	388
		14.52%	85.48%	100.00%	15.54%	84.46%	100.00%	18.49%	81.51%	100.00%	18.02%	81.98%	100.00%	18.90%	81.10%	100.00%	17.97%	82.03%	100.00%	14.95%	85.05%	100.00%
AE food expense for core members	Non-poor	104	60	164	102	63	165	100	65	165	103	60	163	115	48	163	110	55	165	109	58	167
		71.23%	***25.10%***	*42.60%*	*70.34%*	***26.14%***	*42.75%*	*69.44%*	***26.97%***	*42.86%*	*73.57%*	***24.69%***	*42.56%*	*76.67%*	***20.60%***	*42.56%*	*74.83%*	***23.11%***	*42.86%*	*68.55%*	***25.33%***	*43.04%*
		63.41%	36.59%	100.00%	61.82%	38.18%	100.00%	60.61%	39.39%	100.00%	63.19%	36.81%	100.00%	70.55%	29.45%	100.00%	66.67%	33.33%	100.00%	65.27%	34.73%	100.00%
	Poor	42	179	221	43	178	221	44	176	220	37	183	220	35	185	220	37	183	220	50	171	221
		28.77%	*74.90%*	*57.40%*	*29.66%*	*73.86%*	*57.25%*	*30.56%*	*73.03%*	*57.14%*	*26.43%*	*75.31%*	*57.44%*	*23.33%*	*79.40%*	*57.44%*	*25.17%*	*76.89%*	*57.14%*	*31.45%*	*74.67%*	*56.96%*
		19.00%	81.00%	100.00%	**19.46%**	80.54%	100.00%	**20.00%**	80.00%	100.00%	**16.82%**	83.18%	100.00%	**15.91%**	84.09%	100.00%	**16.82%**	83.18%	100.00%	**22.62%**	77.38%	100.00%
	Total	146	239	385	145	241	386	144	241	385	140	243	383	150	233	383	147	238	385	159	229	388
		37.92%	62.08%	100.00%	37.56%	62.44%	100.00%	37.40%	62.60%	100.00%	36.55%	63.45%		39.16%	60.84%		38.18%	61.82%	100.00%	40.98%	59.02%	100.00%
AE food expense for core members	Non-poor	91	62	153	97	57	154	95	59	154	100	53	153	102	51	153	102	52	154	90	66	156
		67.41%	***24.80%***	*39.74%*	*70.80%*	***22.89%***	*39.90%*	*70.37%*	***23.60%***	*40.00%*	*72.46%*	***21.72%***	*40.05%*	*76.69%*	***20.40%***	*39.95%*	*73.91%*	***21.05%***	*40.00%*	*67.16%*	***25.98%***	*40.21%*
		59.48%	40.52%	100.00%	62.99%	37.01%	100.00%	61.69%	38.31%	100.00%	65.36%	34.64%	100.00%	66.67%	33.33%	100.00%	66.23%	33.77%	100.00%	57.69%	42.31%	100.00%
	Poor	44	188	232	40	192	232	40	191	231	38	191	229	31	199	230	36	195	231	44	188	232
		32.59%	*75.20%*	*60.26%*	*29.20%*	*77.11%*	*60.10%*	*29.63%*	*76.40%*	*60.00%*	*27.54%*	*78.28%*	*59.95%*	*23.31%*	*79.60%*	*60.05%*	*26.09%*	*78.95%*	*60.00%*	*32.84%*	*74.02%*	*59.79%*
		18.97%	81.03%	100.00%	**17.24%**	82.76%	100.00%	**17.32%**	82.68%	100.00%	**16.59%**	83.41%	100.00%	**13.48%**	86.52%	100.00%	**15.58%**	84.42%	100.00%	**18.97%**	81.03%	100.00%
	Total	135	250	385	137	249	386	135	250	385	138	244	382	133	250	383	138	247	385	134	254	388
		35.06%	64.94%	100.00%	35.49%	64.51%	100.00%	35.06%	64.94%		36.13%	63.87%		34.73%	65.27%		35.84%	64.16%	100.00%	34.54%	65.46%	100.00%
PC income for core members	Non-poor	67	39	106	78	28	106	78	28	106	81	24	105	81	24	105	81	24	105	67	39	106
		78.82%	***13.00%***	*27.53%*	*83.87%*	***9.49%***	*27.32%*	*83.87%*	***9.49%***	*27.32%*	*82.65%*	***8.54%***	*27.70%*	*82.65%*	***8.48%***	*27.56%*	*82.65%*	***8.42%***	*27.42%*	*77.01%*	***12.96%***	*27.32%*
		63.21%	36.79%	100.00%	73.58%	26.42%	100.00%	73.58%	26.42%	100.00%	77.14%	22.86%	100.00%	77.14%	22.86%	100.00%	77.14%	22.86%	100.00%	63.21%	36.79%	100.00%
	Poor	18	261	279	15	267	282	15	267	282	17	257	274	17	259	276	17	261	278	20	262	282
		21.18%	*87.00%*	*72.47%*	*16.13%*	*90.51%*	*72.68%*	*16.13%*	*90.51%*	*72.68%*	*17.35%*	*91.46%*	*72.30%*	*17.35%*	*91.52%*	*72.44%*	*17.35%*	*91.58%*	*72.58%*	*22.99%*	*87.04%*	*72.68%*
		6.45%	93.55%	100.00%	**5.32%**	94.68%	100.00%	**5.32%**	94.68%	100.00%	**6.20%**	93.80%	100.00%	**6.16%**	93.84%	100.00%	**6.12%**	93.88%	100.00%	**7.09%**	92.91%	100.00%
	Total	85	300	385	93	295	388	93	295	388	98	281	379	98	283	381	98	285	383	87	301	388
		22.08%	77.92%	100.00%	23.97%	76.03%	100.00%	23.97%	76.03%	100.00%	25.86%	74.14%	100.00%	25.72%	74.28%	100.00%	25.59%	74.41%	100.00%	22.42%	77.58%	100.00%
PCincome for core members	Non-poor	60	42	102	72	30	102	74	28	102	68	32	100	75	26	101	73	28	101	58	44	102
		77.92%	***13.64%***	*26.49%*	*80.90%*	***10.03%***	*26.29%*	*83.15%*	***9.40%***	*26.36%*	*82.93%*	***10.70%***	*26.25%*	*81.52%*	***8.93%***	*26.37%*	*82.95%*	***9.52%***	*26.44%*	*80.56%*	***13.92%***	*26.29%*
		58.82%	41.18%	100.00%	70.59%	29.41%	100.00%	72.55%	27.45%	100.00%	68.00%	32.00%	100.00%	74.26%	25.74%	100.00%	72.28%	27.72%	100.00%	56.86%	43.14%	100.00%
	Poor	17	266	283	17	269	286	15	270	285	14	267	281	17	265	282	15	266	281	14	272	286
		22.08%	*86.36%*	*73.51%*	*19.10%*	*89.97%*	*73.71%*	*16.85%*	*90.60%*	*73.64%*	*17.07%*	*89.30%*	*73.75%*	*18.48%*	*91.07%*	*73.63%*	*17.05%*	*90.48%*	*73.56%*	*19.44%*	*86.08%*	*73.71%*
		6.01%	93.99%	100.00%	**5.94%**	94.06%	100.00%	**5.26%**	94.74%	100.00%	**4.98%**	95.02%	100.00%	**6.03%**	93.97%	100.00%	**5.34%**	94.66%	100.00%	**4.90%**	95.10%	100.00%
	Total	77	308	385	89	299	388	89	298	387	82	299	381	92	291	383	88	294	382	72	316	388
		20.00%	80.00%	100.00%	22.94%	77.06%	100.00%	23.00%	77.00%	100.00%	21.52%	78.48%	100.00%	24.02%	75.98%	100.00%	23.04%	76.96%	100.00%	18.56%	81.44%	100.00%

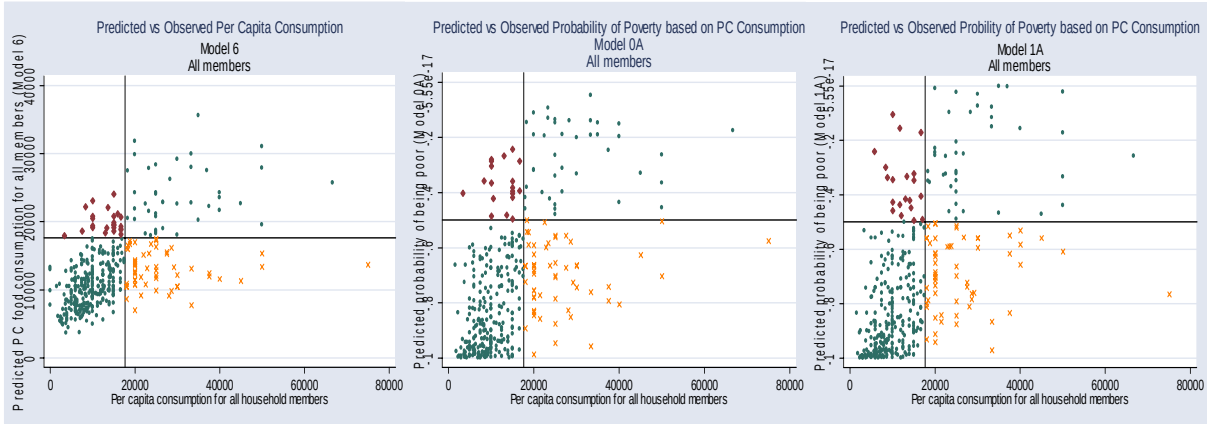
Notes: Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Welfare Indicator: Per Capita Food Consumption for All Members

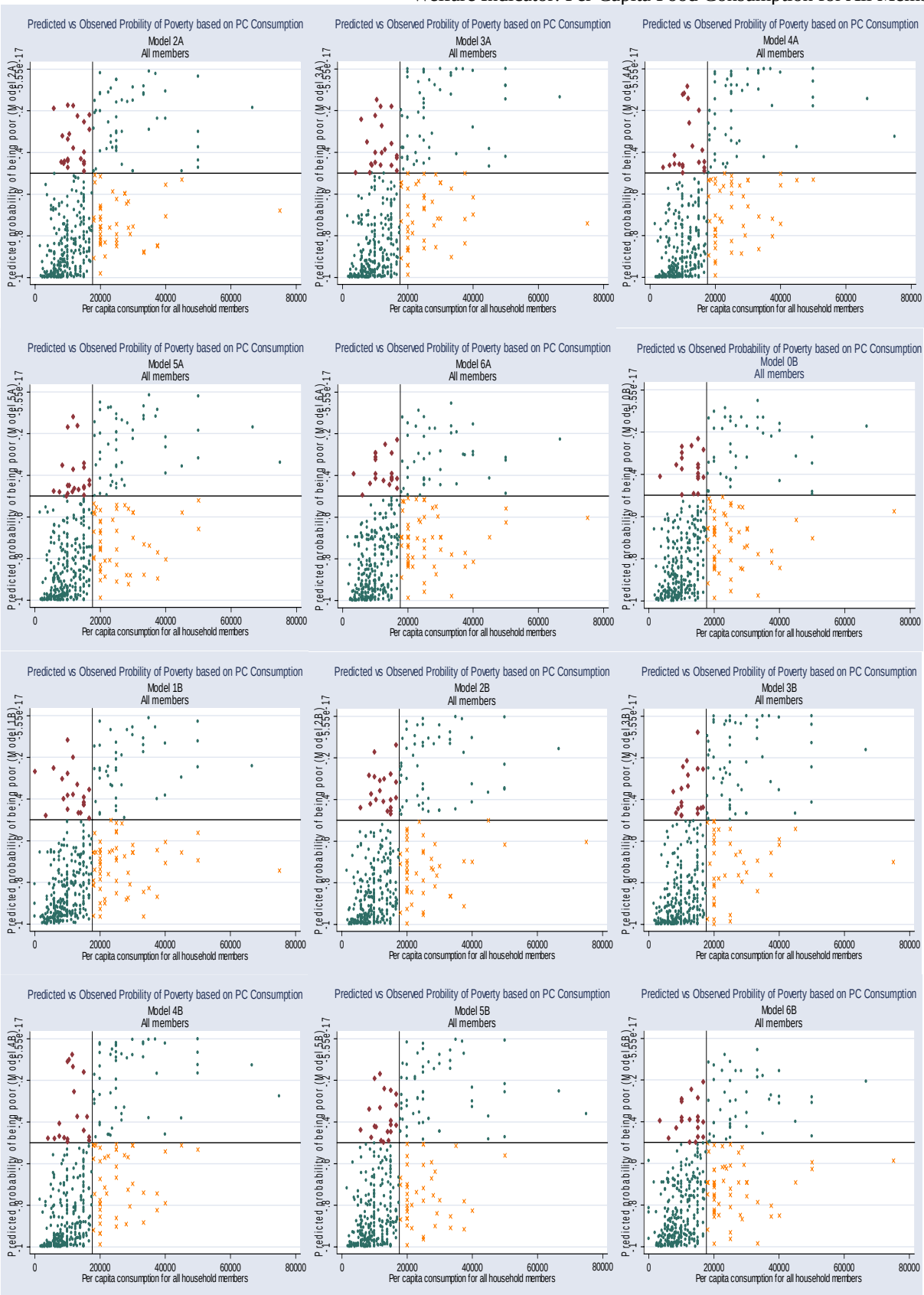


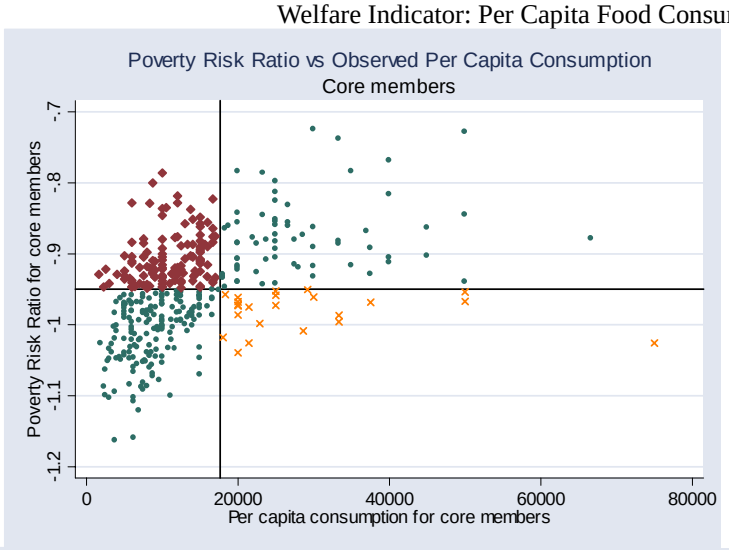


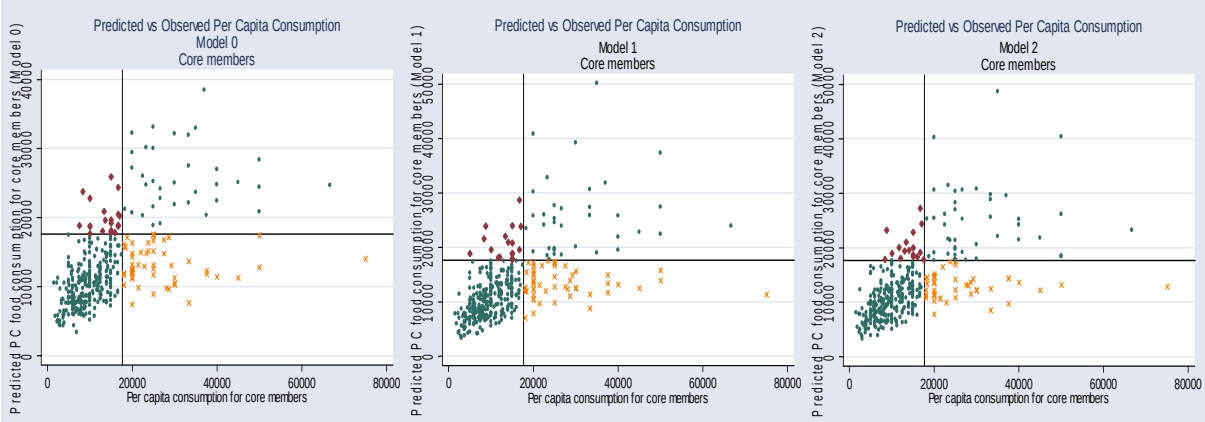




Appendix 4. Inclusion and Exclusion Errors
Welfare Indicator: Per Capita Food Consumption for All Members

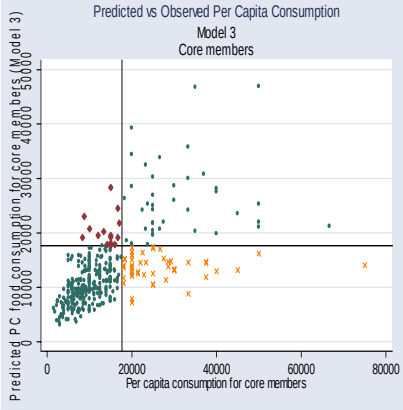


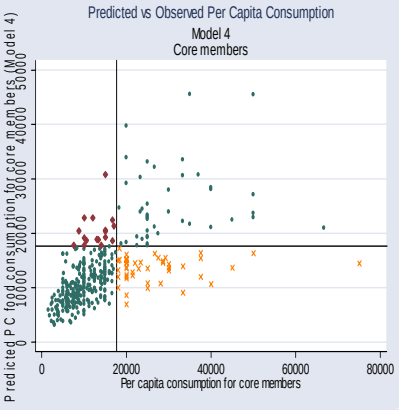

Poverty Risk Ratio vs Observed Per Capita Consumption
Core members
Poverty Risk Ratio for core members
-.7
-.8
-.9
-1
-1.1
-1.2
0
20000
40000
60000
80000
Per capita consumption for core members

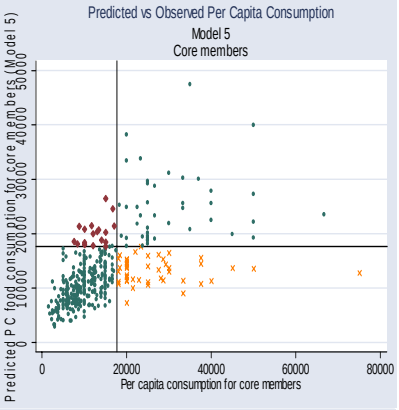

Predicted vs Observed Per Capita Consumption
Model 0
Core members
Predicted PC food consumption for core members (Model 0)
0
10000
20000
30000
40000
0
20000
40000
60000
80000
Per capita consumption for core members

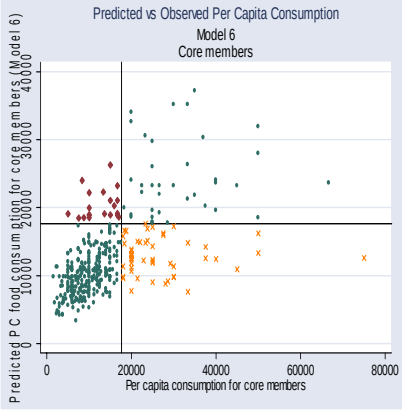
Predicted vs Observed Per Capita Consumption
Model 1
Core members
Predicted PC food consumption for core members (Model 1)
0
10000
20000
30000
40000
50000
0
20000
40000
60000
80000
Per capita consumption for core members

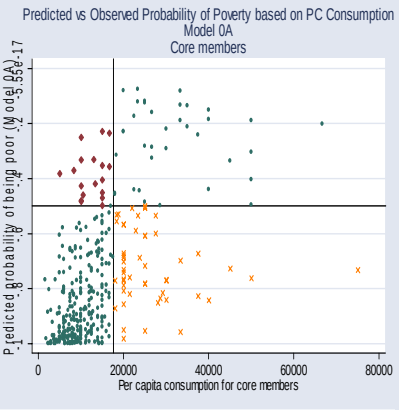
Predicted vs Observed Per Capita Consumption
Model 2
Core members
Predicted PC food consumption for core members (Model 2)
0
10000
20000
30000
40000
50000
0
20000
40000
60000
80000
Per capita consumption for core members

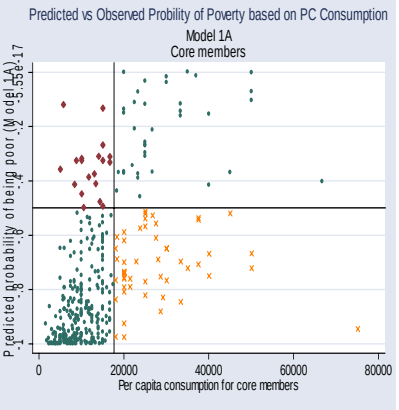

Predicted vs Observed Per Capita Consumption
Model 3
Core members
Predicted PC food consumption for core members (Model 3)
0
10000
20000
30000
40000
50000
0
20000
40000
60000
80000
Per capita consumption for core members

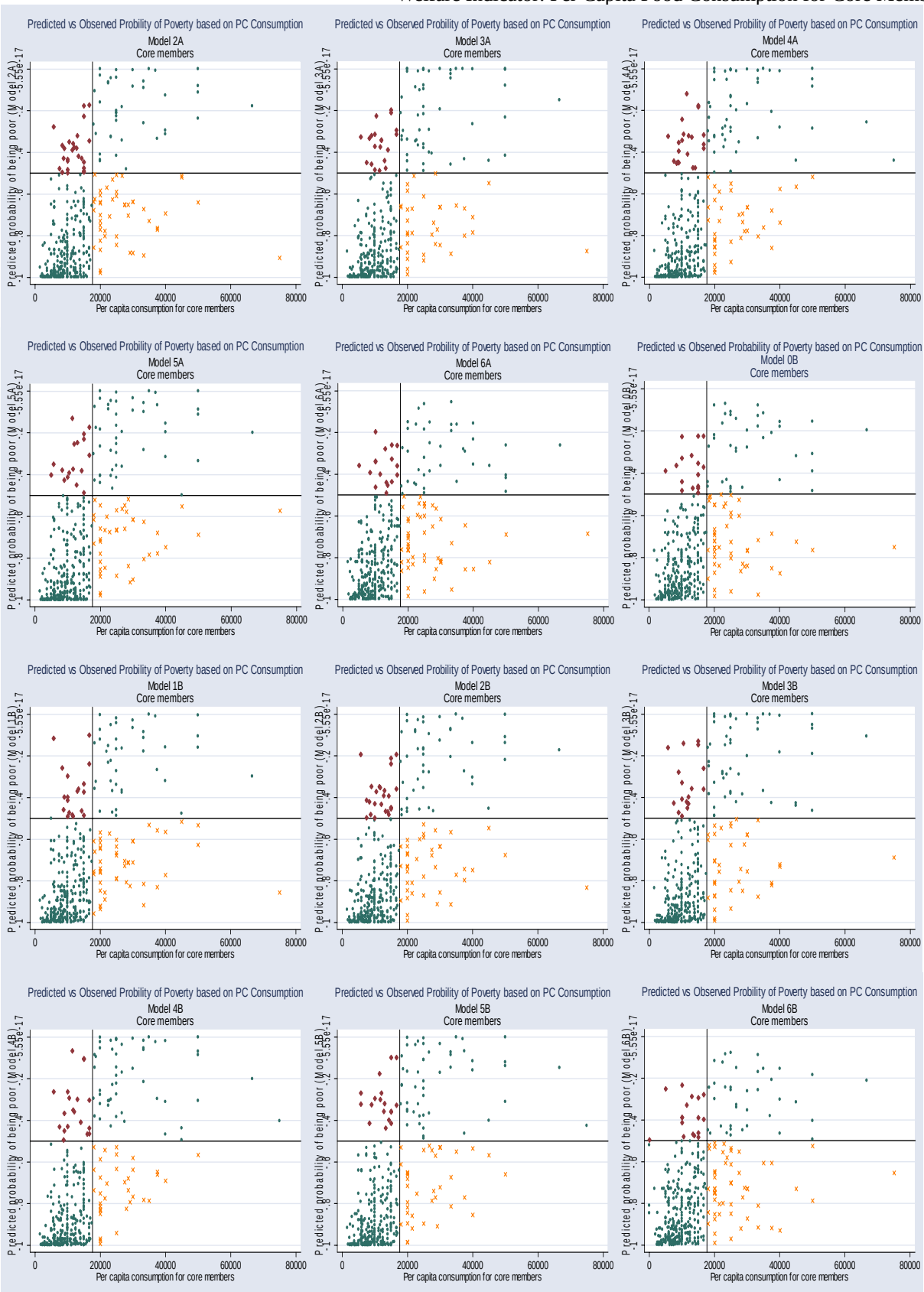

Predicted vs Observed Per Capita Consumption
Model 4
Core members
Predicted PC food consumption for core members (Model 4)
0
10000
20000
30000
40000
50000
0
20000
40000
60000
80000
Per capita consumption for core members

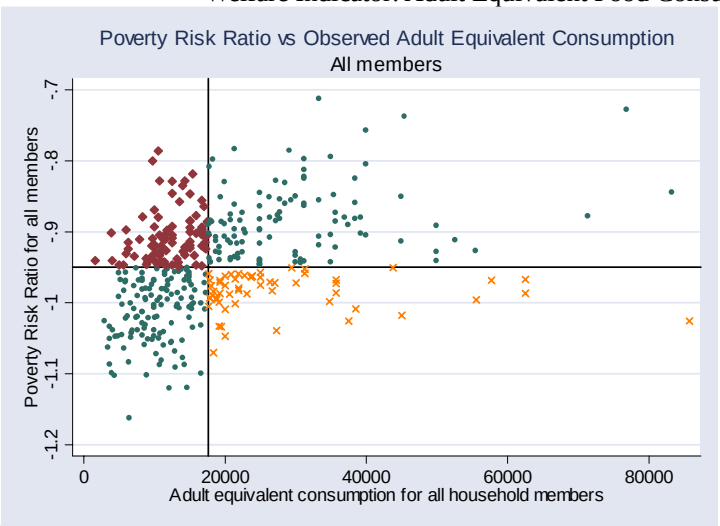

Predicted vs Observed Per Capita Consumption
Model 5
Core members
Predicted PC food consumption for core members (Model 5)
0
10000
20000
30000
40000
50000
0
20000
40000
60000
80000
Per capita consumption for core members

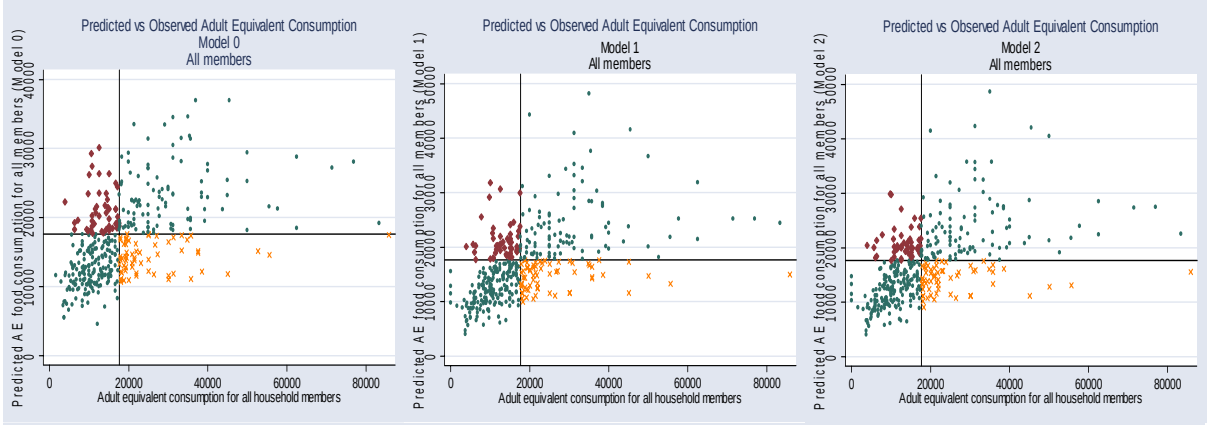

Predicted vs Observed Per Capita Consumption
Model 6
Core members
Predicted PC food consumption for core members (Model 6)
0
10000
20000
30000
40000
0
20000
40000
60000
80000
Per capita consumption for core members

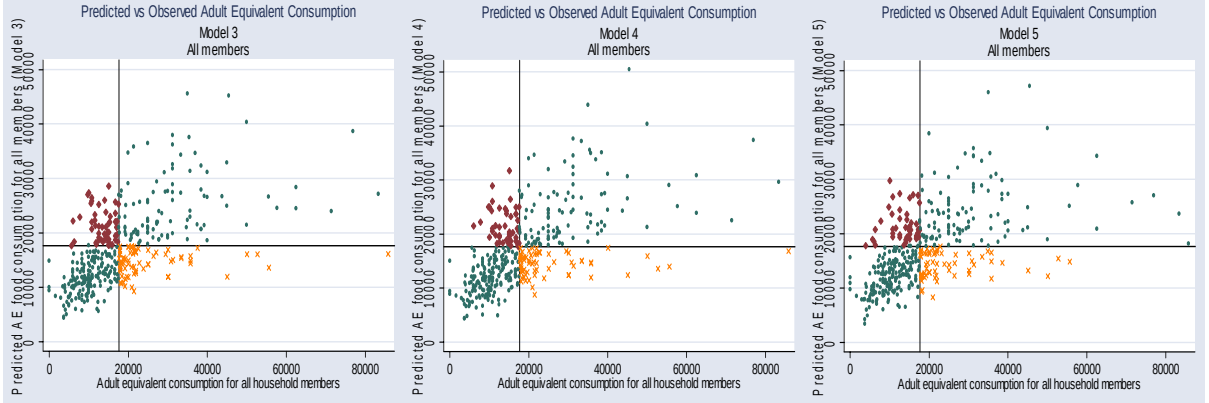

Predicted vs Observed Probability of Poverty based on PC Consumption
Model 0A
Core members
Predicted probability of being poor (Model 0A)
-.1
-.2
-.3
-.4
-.5
5.55e-17
0
20000
40000
60000
80000
Per capita consumption for core members

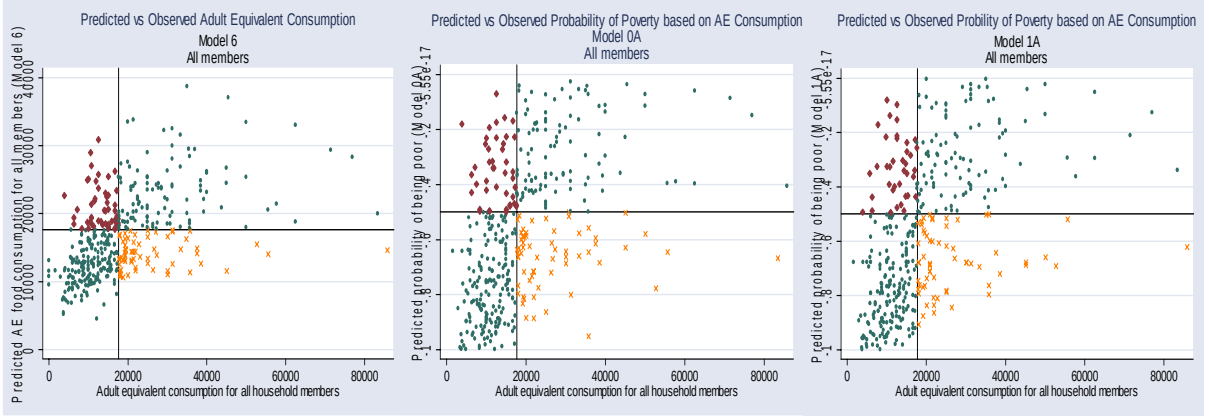

Predicted vs Observed Probility of Poverty based on PC Consumption
Model 1A
Core members
Predicted probability of being poor (Model 1A)
-.1
-.2
-.3
-.4
-.5
5.55e-17
0
20000
40000
60000
80000
Per capita consumption for core members


Predicted vs Observed Probility of Poverty based on PC Consumption
Model 2A
Core members
Predicted vs Observed Probility of Poverty based on PC Consumption
Model 3A
Core members
Predicted vs Observed Probility of Poverty based on PC Consumption
Model 4A
Core members
Predicted vs Observed Probility of Poverty based on PC Consumption
Model 5A
Core members
Predicted vs Observed Probility of Poverty based on PC Consumption
Model 6A
Core members
Predicted vs Observed Probability of Poverty based on PC Consumption
Model 0B
Core members
Predicted vs Observed Probility of Poverty based on PC Consumption
Model 1B
Core members
Predicted vs Observed Probility of Poverty based on PC Consumption
Model 2B
Core members
Predicted vs Observed Probility of Poverty based on PC Consumption
Model 3B
Core members
Predicted vs Observed Probility of Poverty based on PC Consumption
Model 4B
Core members
Predicted vs Observed Probility of Poverty based on PC Consumption
Model 5B
Core members
Predicted vs Observed Probility of Poverty based on PC Consumption
Model 6B
Core members
Predicted probability of being poor (Model 2A) -5.55e-17 .1 .2 .4 .6 .8
Predicted probability of being poor (Model 3A) -5.55e-17 .1 .2 .4 .6 .8
Predicted probability of being poor (Model 4A) -5.55e-17 .1 .2 .4 .6 .8
Predicted probability of being poor (Model 5A) -5.55e-17 .1 .2 .4 .6 .8
Predicted probability of being poor (Model 6A) -5.55e-17 .1 .2 .4 .6 .8
Predicted probability of being poor (Model 0B) -5.55e-17 .1 .2 .4 .6 .8
Predicted probability of being poor (Model 1B) -5.55e-17 .1 .2 .4 .6 .8
Predicted probability of being poor (Model 2B) -5.55e-17 .1 .2 .4 .6 .8
Predicted probability of being poor (Model 3B) -5.55e-17 .1 .2 .4 .6 .8
Predicted probability of being poor (Model 4B) -5.55e-17 .1 .2 .4 .6 .8
Predicted probability of being poor (Model 5B) -5.55e-17 .1 .2 .4 .6 .8
Predicted probability of being poor (Model 6B) -5.55e-17 .1 .2 .4 .6 .8
0 20000 40000 60000 80000
Per capita consumption for core members

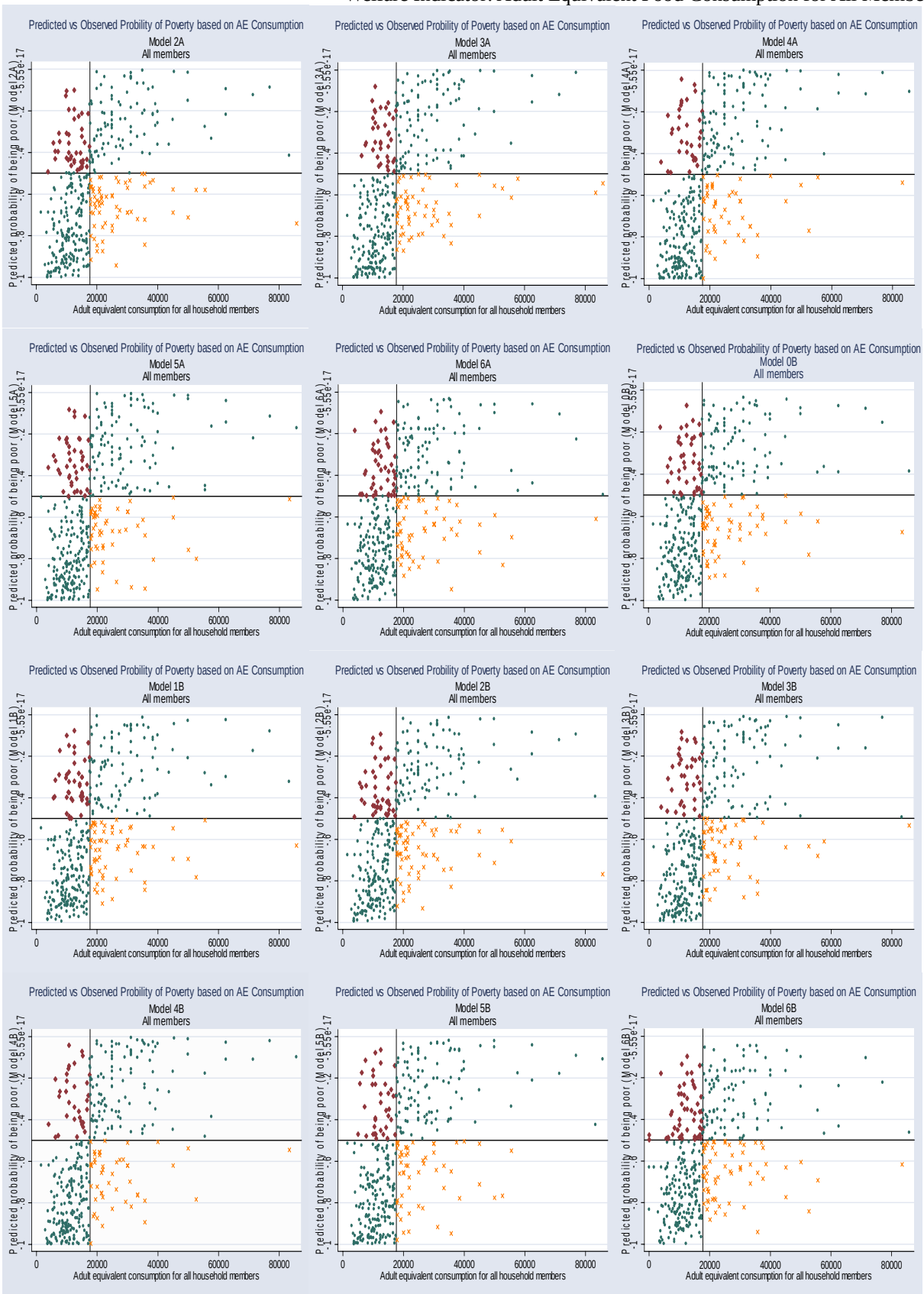

Poverty Risk Ratio vs Observed Adult Equivalent Consumption
All members
Poverty Risk Ratio for all members
-.7
-.8
-.9
-1
-1.1
-1.2
0
20000
40000
60000
80000
Adult equivalent consumption for all household members


Predicted vs Observed Adult Equivalent Consumption
Model 0
All members
Predicted AE food consumption for all members (Model 0)
Adult equivalent consumption for all household members
Predicted vs Observed Adult Equivalent Consumption
Model 1
All members
Predicted AE food consumption for all members (Model 1)
Adult equivalent consumption for all household members
Predicted vs Observed Adult Equivalent Consumption
Model 2
All members
Predicted AE food consumption for all members (Model 2)
Adult equivalent consumption for all household members

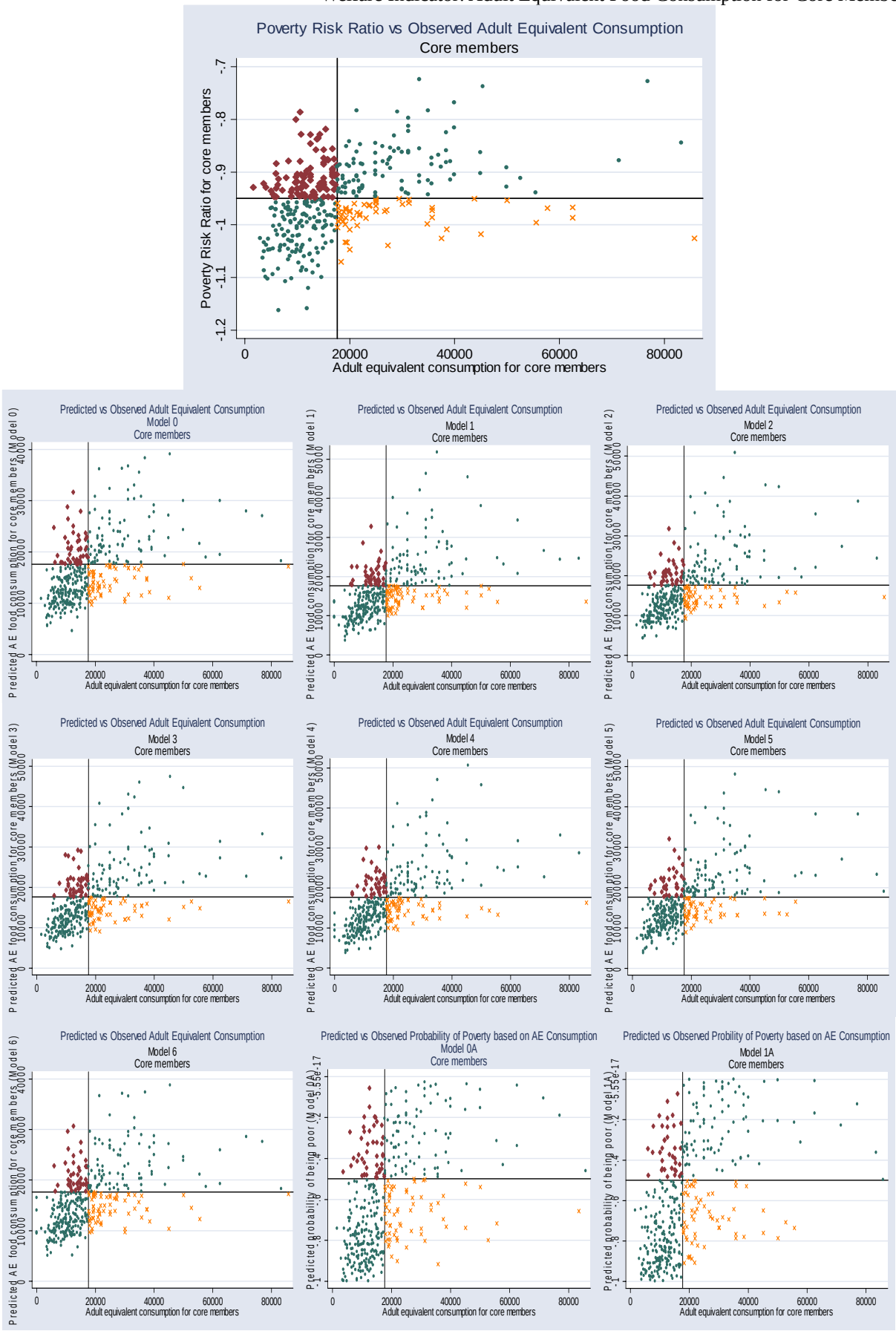

Predicted vs Observed Adult Equivalent Consumption
Model 3
All members
Predicted AE food consumption for all members (Model 3)
Adult equivalent consumption for all household members
Predicted vs Observed Adult Equivalent Consumption
Model 4
All members
Predicted AE food consumption for all members (Model 4)
Adult equivalent consumption for all household members
Predicted vs Observed Adult Equivalent Consumption
Model 5
All members
Predicted AE food consumption for all members (Model 5)
Adult equivalent consumption for all household members


Predicted vs Observed Adult Equivalent Consumption
Model 6
All members
Predicted AE food consumption for all members (Model 6)
Adult equivalent consumption for all household members
Predicted vs Observed Probability of Poverty based on AE Consumption
Model 0A
All members
Predicted probability of being poor (Model 0A)
Adult equivalent consumption for all household members
Predicted vs Observed Probility of Poverty based on AE Consumption
Model 1A
All members
Predicted probability of being poor (Model 1A)
Adult equivalent consumption for all household members

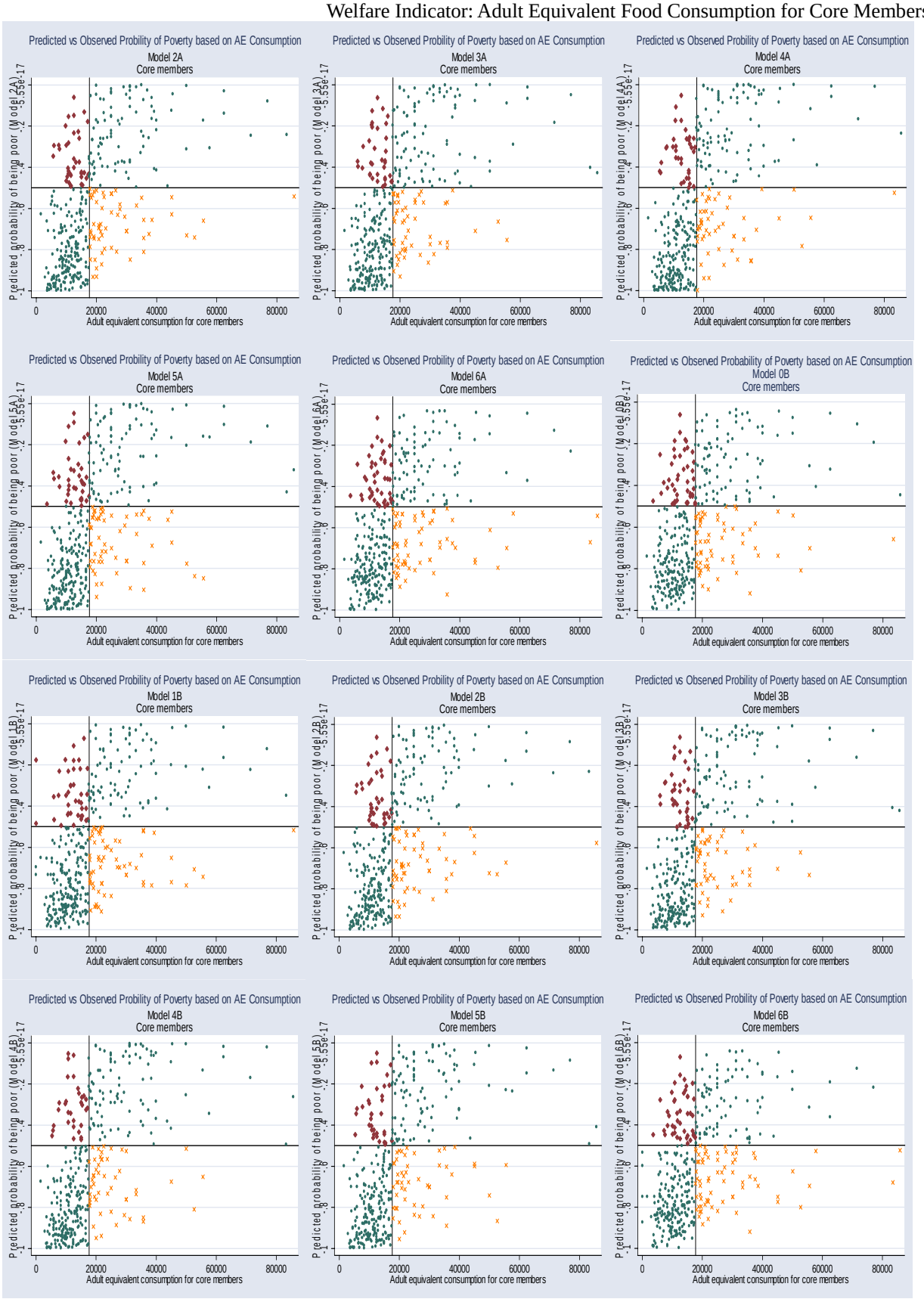
Appendix 4. Inclusion and Exclusion Errors.
Welfare Indicator: Adult Equivalent Food Consumption for All Members



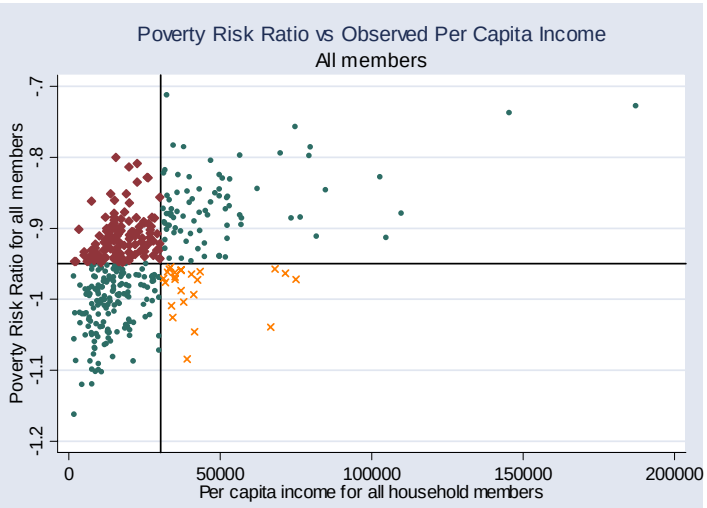
Appendix 4. Inclusion and Exclusion Errors.
Welfare Indicator: Adult Equivalent Food Consumption for Core Members

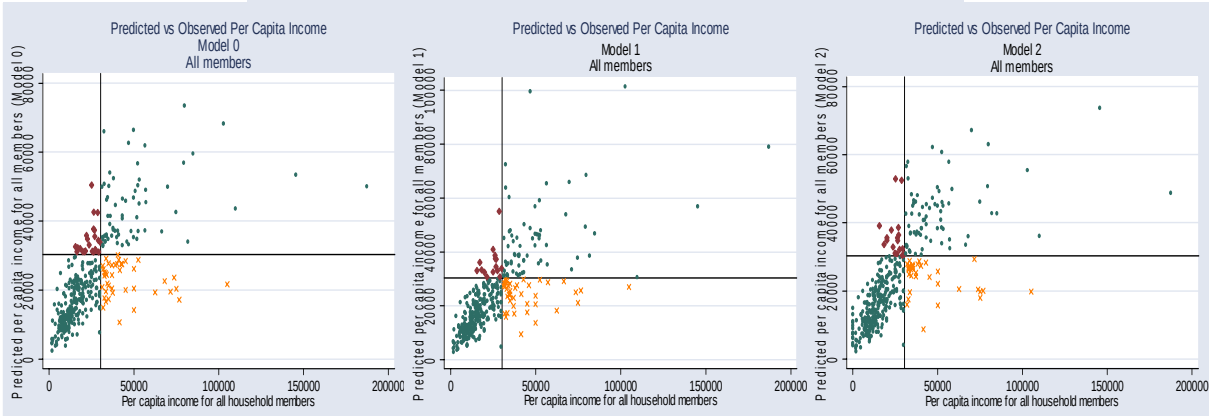


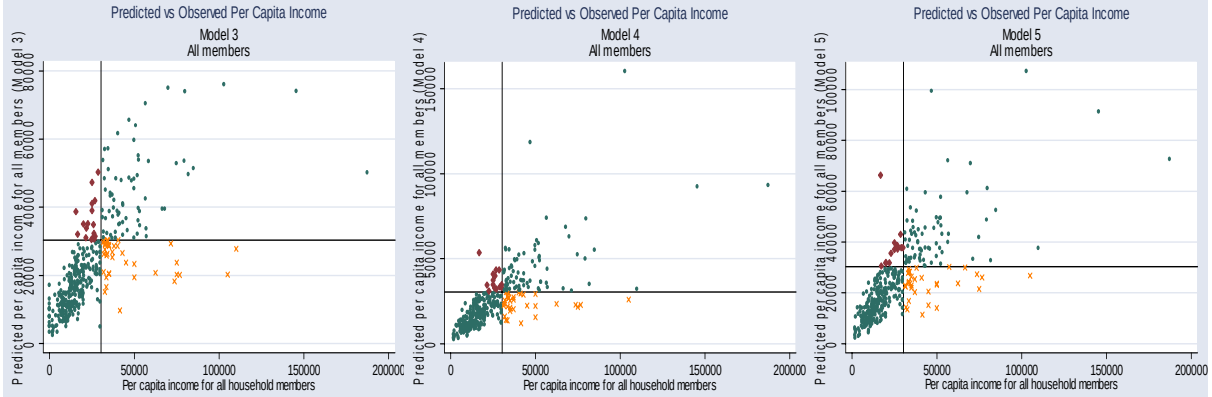
Appendix 4. Inclusion and Exclusion Errors.
Welfare Indicator: Adult Equivalent Food Consumption for Core Members

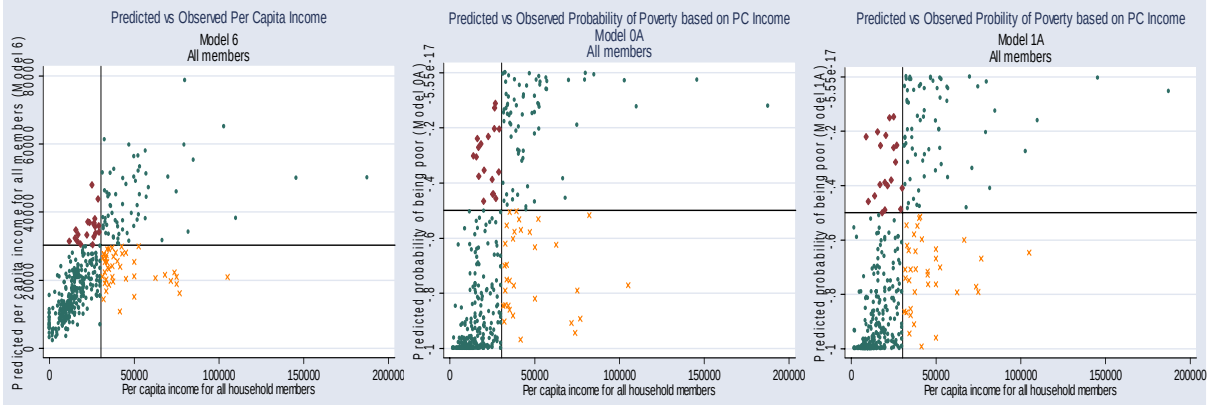


Appendix 4. Inclusion and Exclusion Errors. Welfare Indicator: Per Capita Income for All Members

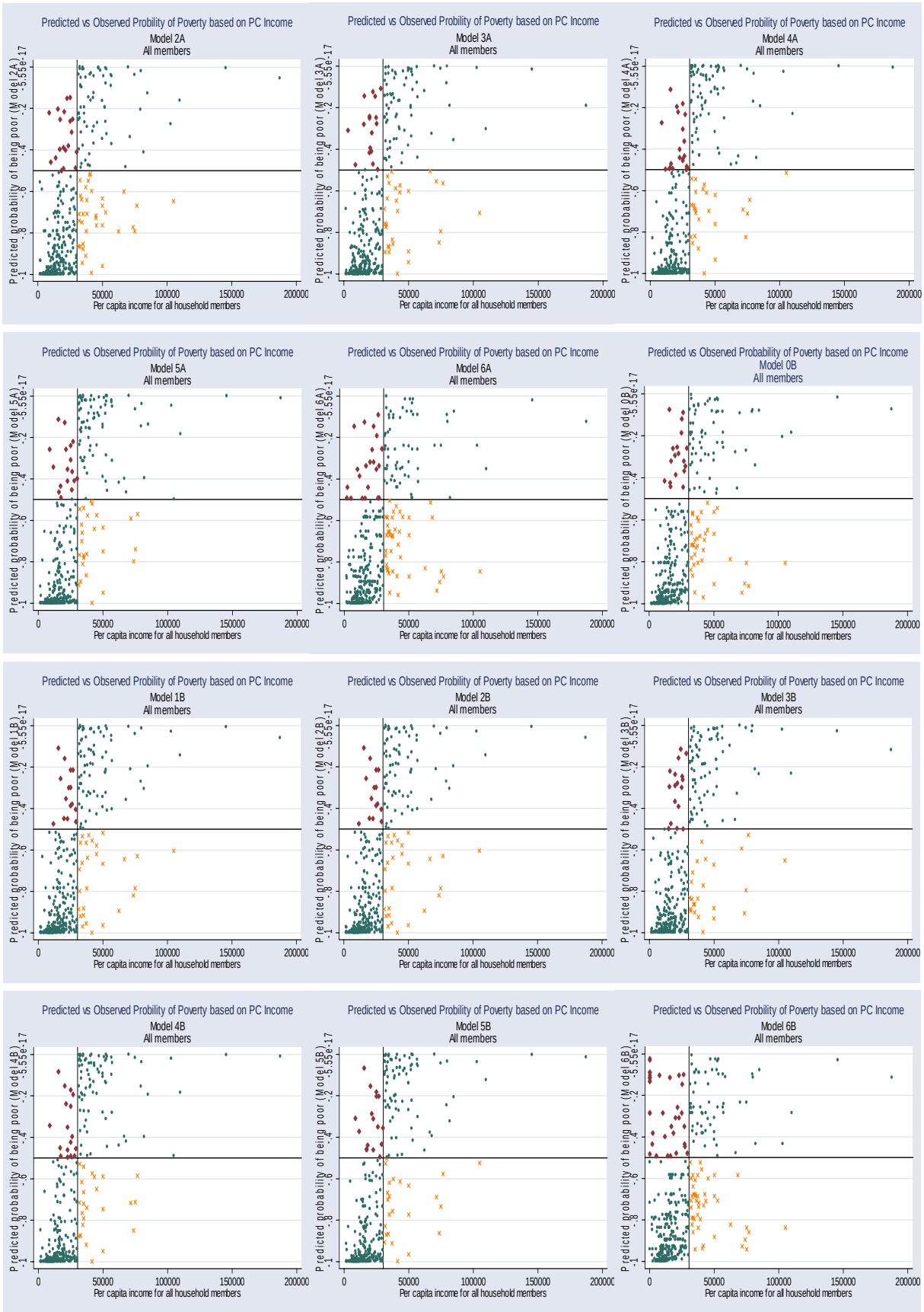




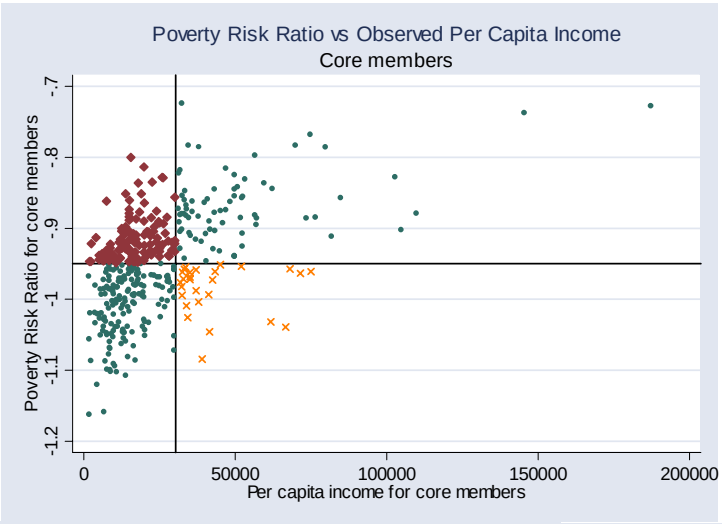


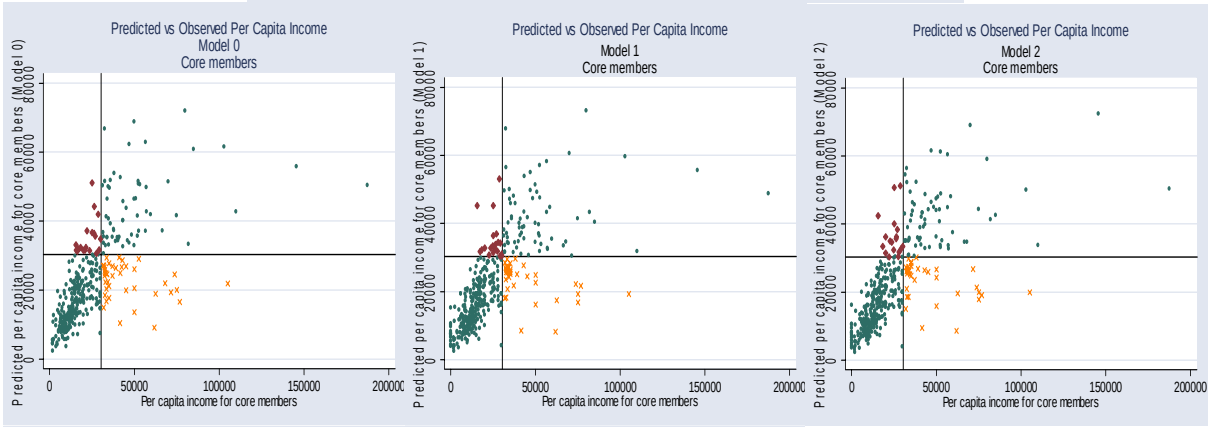


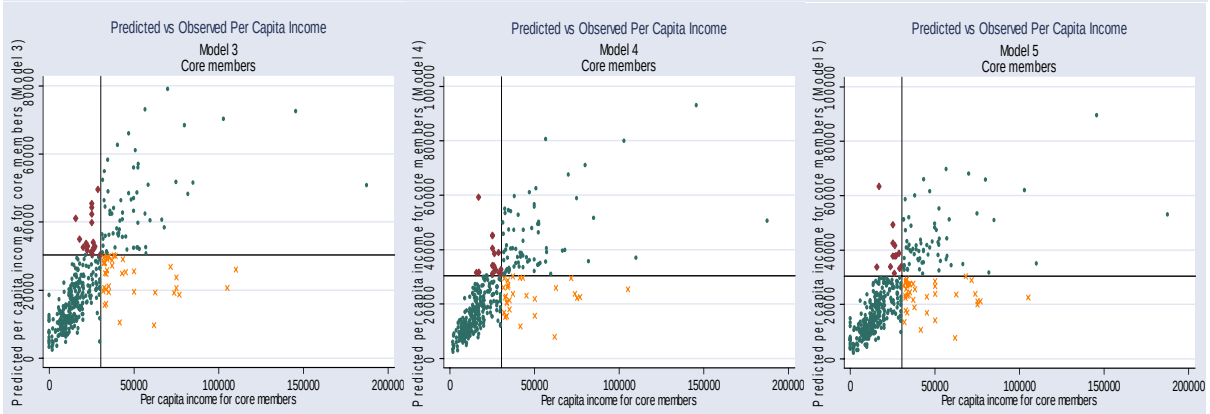
Appendix 4. Inclusion and Exclusion Errors. Welfare Indicator: Per Capita Income for All Members

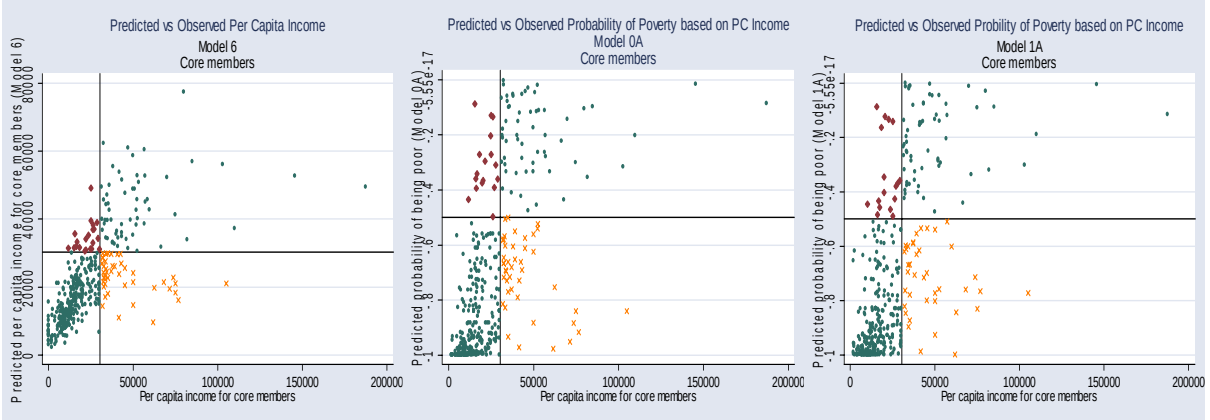


Appendix 4. Inclusion and Exclusion Errors. Welfare Indicator: Per Capita Income for Core Members









Appendix 4. Inclusion and Exclusion Errors. Welfare Indicator: Per Capita Income for Core Members

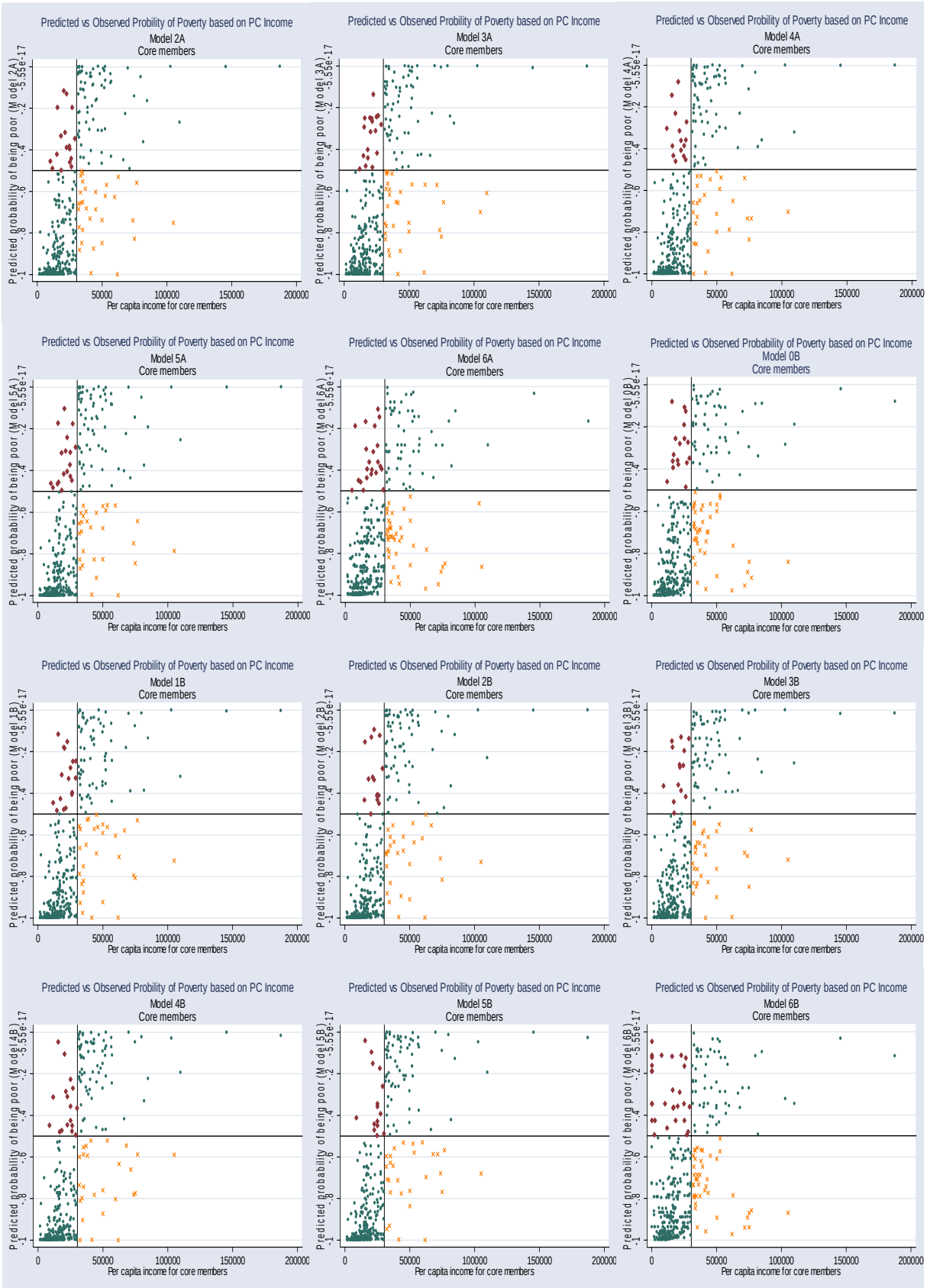


Table A.5.1: Full Regression Results; OLS estimation; Dependant variable: Log of per capita monthly food expense for all members

	Model 0	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Adjusted R-squared	0.344	0.399	0.408	0.442	0.447	0.411	0.359
Explanatory variable							
Dwelling=Ger	0.342**						0.241**
	(0.148)						(0.112)
Dwelling=House (Baishin)	0.488***	0.087		0.098			0.393***
	(0.147)	(0.062)		(0.060)			(0.112)
Dwelling=Apartment	0.537***	0.336***	0.354***	0.302***	0.287***	0.350***	0.448***
	(0.159)	(0.115)	(0.112)	(0.115)	(0.109)	(0.111)	(0.126)
Household size=2	-0.096	-0.237	-0.23	-0.385**	-0.340**	-0.243	
	(0.182)	(0.154)	(0.159)	(0.156)	(0.154)	(0.159)	
Household size=3	-0.154	-0.283*	-0.257	-0.396**	-0.367**	-0.368**	
	(0.193)	(0.162)	(0.175)	(0.170)	(0.167)	(0.173)	
Household size=4	-0.504***	-0.612***	-0.605***	-0.767***	-0.730***	-0.752***	-0.396***
	(0.181)	(0.154)	(0.174)	(0.172)	(0.165)	(0.169)	(0.086)
Household size=5	-0.754***	-0.811***	-0.855***	-0.968***	-0.922***	-1.010***	-0.642***
	(0.183)	(0.154)	(0.185)	(0.178)	(0.171)	(0.179)	(0.087)
Household size=6	-0.716***	-0.854***	-0.849***	-0.990***	-0.932***	-1.032***	-0.618***
	(0.197)	(0.168)	(0.197)	(0.191)	(0.184)	(0.193)	(0.105)
Household size=7	-0.917***	-1.007***	-1.059***	-1.158***	-1.135***	-1.254***	-0.777***
	(0.209)	(0.182)	(0.213)	(0.204)	(0.192)	(0.201)	(0.120)
Household size=8 or more	-0.927***	-0.924***	-1.004***	-1.208***	-1.117***	-1.262***	-0.787***
	(0.224)	(0.185)	(0.222)	(0.215)	(0.200)	(0.201)	(0.139)
Working members with Secondary education	-0.064				-0.128***	-0.091***	-0.051
	(0.048)				(0.032)	(0.030)	(0.034)
Education of the household head=Postgraduate			0.478**				
			(0.230)				
Working age members who are unemployed	-0.051	-0.090***	-0.077**	-0.074**			-0.066*
	(0.045)	(0.032)	(0.034)	(0.033)			(0.036)
Working age members who are self-employed	0.086					0.115**	0.098*
	(0.059)					(0.046)	(0.052)
Working age members who are employed in public sector	0.07					0.078	0.086*
	(0.064)					(0.051)	(0.051)
Working age members who are employed in private companies	0.076				0.062	0.093*	0.094*
	(0.062)				(0.042)	(0.048)	(0.048)
Working age members who are part-time employees	-0.25	-0.229					-0.241
	(0.158)	(0.151)					(0.153)
Household members who are retired	0.057		0.085			0.127**	0.102**
	(0.060)		(0.055)			(0.062)	(0.050)
Members with income=2	0.368**	0.181***	0.162**	0.147**	0.164**	0.179***	0.149**
	(0.159)	(0.064)	(0.068)	(0.066)	(0.065)	(0.068)	(0.060)
Members with income=3	0.501***	0.332***	0.346***	0.343***	0.415***	0.355***	0.251***
	(0.181)	(0.089)	(0.102)	(0.094)	(0.093)	(0.106)	(0.092)
Members with income=4	0.367*	0.235*	0.240*	0.296**	0.346***	0.231	
	(0.221)	(0.124)	(0.141)	(0.131)	(0.125)	(0.149)	
Share of elderly members		0.706***	0.727***	0.710***	0.733***	0.759***	
		(0.212)	(0.224)	(0.218)	(0.217)	(0.223)	
Share of working age members		0.297**	0.408***	0.341**	0.419***	0.437***	
		(0.123)	(0.153)	(0.134)	(0.136)	(0.153)	
Share of non adult members			0.308	0.317	0.353*	0.475**	
			(0.213)	(0.193)	(0.186)	(0.207)	
Female head of a household			-0.205***	-0.210***	-0.230***	-0.194***	
			(0.070)	(0.067)	(0.067)	(0.069)	
Migrated to UB within last 5 years		-0.09	-0.117*	-0.104	-0.120*	-0.128*	
		(0.070)	(0.068)	(0.068)	(0.067)	(0.068)	
Single elderly	0.3						0.520*
	(0.392)						(0.315)
Single head of a large household	0.215		0.45	0.447	0.387	0.439	
	(0.337)		(0.298)	(0.291)	(0.292)	(0.298)	
Receives assistance from NGOs	-0.087						-0.118*
	(0.129)						(0.067)
Does not receive assistance	0.045		0.075	0.078			
	(0.145)		(0.055)	(0.054)			
Single parent		-0.153**					
		(0.063)					
Owns cellphone		0.182***	0.189***	0.103	0.125**	0.167***	
		(0.059)	(0.059)	(0.067)	(0.061)	(0.060)	
Has fence around the dwelling (and live in ger area)		0.326***	0.422***	0.355***	0.366***	0.402***	
		(0.085)	(0.098)	(0.100)	(0.099)	(0.098)	
Owns electric stove		0.137**	0.145**			0.124**	
		(0.059)	(0.059)			(0.059)	
Owns video player		0.108	0.093			0.112	
		(0.070)	(0.070)			(0.068)	
Has land permit			0.144*	0.133*	0.145**	0.115	
			(0.076)	(0.072)	(0.071)	(0.076)	
Frequency of milk tea consumption				-0.070***	-0.076***		
				(0.023)	(0.022)		
Frequency of ham consumption				-0.102***	-0.117***		
				(0.027)	(0.027)		
Frequency of fruit consumption				0.040*	0.032		
				(0.022)	(0.021)		
Observations	388	379	378	374	374	378	388

Standard errors in parentheses * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.2: Full Regression Results; OLS estimation; Dependant variable: Log of per capita monthly food expense for core members

	Model 0	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Adjusted R-squared	0.356	0.417	0.423	0.453	0.457	0.433	0.373
Dwelling=Ger	0.414***						0.385***
	(0.141)						(0.111)
Dwelling=House (Baishin)	0.564***	0.093	0.09	0.105*	0.083		0.552***
	(0.140)	(0.061)	(0.062)	(0.060)	(0.061)		(0.108)
Dwelling=Apartment	0.607***	0.275**	0.393***	0.326***	0.284**	0.322***	0.574***
	(0.153)	(0.121)	(0.115)	(0.112)	(0.120)	(0.122)	(0.125)
Household size=2	-0.065		-0.302*	-0.370**	-0.377**	-0.227	
	(0.180)		(0.161)	(0.159)	(0.160)	(0.161)	
Household size=3	-0.101		-0.343*	-0.374**	-0.447***	-0.316*	
	(0.187)		(0.177)	(0.174)	(0.173)	(0.176)	
Household size=4	-0.542***	-0.462***	-0.789***	-0.831***	-0.912***	-0.776***	-0.464***
	(0.180)	(0.088)	(0.176)	(0.173)	(0.169)	(0.173)	(0.089)
Household size=5	-0.773***	-0.641***	-1.001***	-1.006***	-1.129***	-1.018***	-0.689***
	(0.180)	(0.086)	(0.185)	(0.180)	(0.175)	(0.182)	(0.086)
Household size=6	-0.761***	-0.675***	-1.030***	-1.049***	-1.151***	-1.036***	-0.670***
	(0.188)	(0.099)	(0.195)	(0.190)	(0.186)	(0.192)	(0.099)
Household size=7	-0.929***	-0.802***	-1.211***	-1.181***	-1.325***	-1.256***	-0.808***
	(0.210)	(0.123)	(0.216)	(0.209)	(0.199)	(0.207)	(0.124)
Household size=8 or more	-0.972***	-0.788***	-1.193***	-1.253***	-1.410***	-1.247***	-0.855***
	(0.215)	(0.123)	(0.219)	(0.214)	(0.200)	(0.208)	(0.125)
Working members with Secondary education	-0.052				-0.092***	-0.104***	
	(0.047)				(0.030)	(0.032)	
Working members with Upper Secondary education	-0.024				-0.043	-0.072**	
	(0.041)				(0.027)	(0.029)	
Working members with Vocational education	0.049						0.085**
	(0.054)						(0.039)
Working members with Higher Education Diploma	0.067						0.101**
	(0.059)						(0.047)
Education of the household head=Postgraduate			0.410*			0.579**	
			(0.228)			(0.260)	
Working age members who are unemployed	-0.058	-0.101***	-0.082***	-0.081**			-0.108***
	(0.043)	(0.030)	(0.031)	(0.031)			(0.029)
Working age members who are self-employed	0.09				0.078*	0.117**	
	(0.058)				(0.047)	(0.048)	
Working age members who are employed in public sector	0.083				0.065	0.119**	
	(0.063)				(0.050)	(0.052)	
Working age members who are employed in private companies	0.078				0.101**	0.117**	
	(0.062)				(0.048)	(0.050)	
Working age members who are part-time employees	-0.242	-0.232					-0.317**
	(0.157)	(0.151)					(0.150)
Household members who are retired	0.059		0.088		0.093	0.137**	
	(0.058)		(0.054)		(0.059)	(0.059)	
Members with income=2	0.345**	0.157**	0.157**	0.152**	0.156**	0.155**	0.221***
	(0.158)	(0.063)	(0.067)	(0.066)	(0.067)	(0.068)	(0.062)
Members with income=3	0.426**	0.271***	0.282***	0.298***	0.297***	0.257**	0.324***
	(0.178)	(0.085)	(0.096)	(0.092)	(0.100)	(0.102)	(0.086)
Members with income=4	0.344	0.229*	0.236*	0.310**	0.250*	0.23	0.284**
	(0.212)	(0.117)	(0.131)	(0.123)	(0.136)	(0.140)	(0.117)
Share of elderly members		0.740***	0.736***	0.734***	0.744***	0.731***	
		(0.204)	(0.224)	(0.219)	(0.219)	(0.223)	
Single parent		-0.155**	-0.200***	-0.126	-0.119	-0.118	
		(0.061)	(0.062)	(0.078)	(0.079)	(0.081)	
Share of working age members		0.302**	0.418***	0.370***	0.479***	0.470***	
		(0.119)	(0.153)	(0.134)	(0.150)	(0.155)	
Share of male members		0.220*					
		(0.122)					
Share of non adult members			0.295	0.27	0.522***	0.409*	
			(0.210)	(0.192)	(0.200)	(0.212)	
Female head of a household				-0.116	-0.144	-0.129	
				(0.087)	(0.088)	(0.090)	
Migrated to UB within last 5 years		-0.11	-0.129*	-0.135**	-0.124*	-0.136**	
		(0.070)	(0.069)	(0.068)	(0.069)	(0.068)	
Water source		-0.05			-0.054	-0.056	
		(0.036)			(0.035)	(0.036)	
Single head of a large household	0.246		0.459	0.487*	0.405	0.437	
	(0.335)		(0.295)	(0.291)	(0.289)	(0.295)	
Two vulnerable members	0.235						0.447***
	(0.230)						(0.170)
Owns vehicle (car or truck)	0.131					0.204	0.153*
	(0.093)					(0.157)	(0.088)
Receives assistance from NGOs	-0.09						-0.141**
	(0.128)						(0.066)
Does not receive assistance	0.022		0.105*	0.092*	0.083	0.091*	
	(0.144)		(0.055)	(0.054)	(0.054)	(0.055)	
Owns electric stove		0.121**	0.119**			0.101*	
		(0.059)	(0.059)			(0.059)	
Owns cell phone		0.198***	0.205***	0.107	0.121**	0.174***	
		(0.058)	(0.058)	(0.066)	(0.061)	(0.059)	
Owns video player		0.109	0.104			0.102	
		(0.069)	(0.069)			(0.068)	
Has fence around the dwelling (and live in ger area)		0.314***	0.407***	0.367***	0.369***	0.433***	
		(0.080)	(0.096)	(0.099)	(0.098)	(0.097)	
Has land permit			0.122	0.106	0.106	0.117	
			(0.076)	(0.072)	(0.073)	(0.076)	
Frequency of milk tea consumption				-0.058***	-0.060***		
				(0.022)	(0.022)		
Frequency of ham consumption				-0.102***	-0.102***		
				(0.027)	(0.027)		
Frequency of fruit consumption				0.039*	0.031		
				(0.022)	(0.022)		
Observations	388	379	378	374	374	378	388

Standard errors in parentheses * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.3: Full Regression Results; OLS estimation; Dependant variable: Log of adult equivalent monthly food expense for all members

	Model 0	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Adjusted R-squared	0.265	0.336	0.337	0.38	0.39	0.346	0.276
Dwelling=Ger	0.266*						0.279**
	(0.149)						(0.110)
Dwelling=House (Baishin)	0.389***	0.094	0.1	0.092	0.106*		0.418***
	(0.149)	(0.060)	(0.063)	(0.061)	(0.059)		(0.107)
Dwelling=Apartment	0.426***	0.342***	0.387***	0.311***	0.236*	0.324***	0.442***
	(0.160)	(0.109)	(0.117)	(0.116)	(0.123)	(0.108)	(0.126)
Household size=2	0.191		-0.221	-0.396**	-0.316**		
	(0.184)		(0.161)	(0.158)	(0.157)		
Household size=3	0.295		-0.239	-0.403**	-0.323*		0.227**
	(0.195)		(0.181)	(0.176)	(0.173)		(0.098)
Household size=4	0.029	-0.342***	-0.559***	-0.746***	-0.674***	-0.406***	
	(0.183)	(0.091)	(0.182)	(0.178)	(0.173)	(0.090)	
Household size=5	-0.177	-0.555***	-0.792***	-0.937***	-0.816***	-0.628***	-0.228***
	(0.185)	(0.099)	(0.189)	(0.183)	(0.175)	(0.096)	(0.077)
Household size=6	-0.129	-0.547***	-0.807***	-0.965***	-0.860***	-0.620***	-0.173*
	(0.199)	(0.114)	(0.203)	(0.197)	(0.190)	(0.112)	(0.093)
Household size=7	-0.276	-0.698***	-0.956***	-1.122***	-0.999***	-0.819***	-0.277***
	(0.211)	(0.132)	(0.219)	(0.210)	(0.201)	(0.122)	(0.104)
Household size=8 or more	-0.201	-0.607***	-0.880***	-1.143***	-0.975***	-0.781***	-0.190*
	(0.227)	(0.144)	(0.225)	(0.219)	(0.201)	(0.131)	(0.108)
Working members with Secondary education	-0.099**				-0.054*	-0.116***	-0.057*
	(0.049)				(0.032)	(0.031)	(0.032)
Working members with Vocational education	0.007				0.130**		
	(0.055)				(0.054)		
Education of the household head=Vocational					-0.192**		
					(0.088)		
Education of the household head=Lower Secondary		-0.114*					
		(0.066)					
Education of the household head=Postgraduate		0.400*				0.439*	
		(0.232)				(0.232)	
Working age members who are unemployed	-0.092**	-0.099***	-0.101***	-0.080**	-0.067**		-0.142***
	(0.045)	(0.033)	(0.033)	(0.033)	(0.033)		(0.031)
Working age members who are self-employed	0.066					0.098**	
	(0.060)					(0.044)	
Working age members who are employed in public sector	0.035					0.088*	
	(0.065)					(0.050)	
Working age members who are employed in private companies	0.066				0.067	0.105**	
	(0.062)				(0.041)	(0.047)	
Working age members who are part-time employees	-0.267*	-0.217	-0.2		-0.264*		-0.288*
	(0.159)	(0.152)	(0.155)		(0.147)		(0.152)
Members with income=2	0.310*	0.156**	0.158**	0.124*	0.126**	0.136**	0.138**
	(0.161)	(0.063)	(0.068)	(0.067)	(0.060)	(0.064)	(0.060)
Members with income=3	0.407**	0.329***	0.313***	0.296***	0.281***	0.325***	0.220**
	(0.183)	(0.096)	(0.099)	(0.095)	(0.087)	(0.098)	(0.088)
Members with income=4	0.316	0.17	0.206	0.209		0.237*	
	(0.224)	(0.133)	(0.135)	(0.131)		(0.134)	
Single parent			-0.176***	-0.185***			
			(0.064)	(0.061)			
Share of school age members		-0.533***	-0.537***	-0.515***	-0.526***	-0.396**	
		(0.182)	(0.187)	(0.184)	(0.183)	(0.177)	
Share of elderly members		0.692***	0.660***	0.607***	0.683***	0.556***	
		(0.226)	(0.229)	(0.224)	(0.221)	(0.189)	
Share of working age members		0.23	0.236	0.240*	0.264*		
		(0.145)	(0.146)	(0.142)	(0.142)		
Share of non adult members		1.047***	1.049***	1.162***	1.199***	0.861***	
		(0.235)	(0.263)	(0.261)	(0.246)	(0.195)	
Migrated to UB within last 5 years			-0.096	-0.096		-0.126*	
			(0.070)	(0.069)		(0.069)	
Female head of a household		-0.173**			-0.195***	-0.189***	
		(0.069)			(0.068)	(0.070)	
Single head of a large household	0.412		0.481	0.43	0.4	0.457	0.458
	(0.340)		(0.301)	(0.292)	(0.294)	(0.300)	(0.308)
Two vulnurable members	0.247						0.408**
	(0.234)						(0.171)
Does not receive assistance	0.081		0.088	0.078			0.156**
	(0.146)		(0.056)	(0.054)			(0.077)
Receives assistance from relatives	0.122						0.191**
	(0.131)						(0.093)
Has fence around the dwelling (and live in ger area)		0.326***	0.418***	0.364***	0.314***	0.394***	
		(0.079)	(0.104)	(0.101)	(0.085)	(0.096)	
Owns cellphone		0.188***	0.205***	0.152**	0.123**	0.162***	
		(0.059)	(0.060)	(0.061)	(0.061)	(0.059)	
Owns electric stove		0.113*	0.107*			0.09	
		(0.059)	(0.060)			(0.059)	
Owns Black & White TV		-0.129*	-0.093		-0.101	-0.11	
		(0.066)	(0.068)		(0.064)	(0.067)	
Has land permit			0.105	0.128*		0.118	
			(0.077)	(0.073)		(0.076)	
Owns the fence around the ger (and live in ger area)			-0.161*	-0.156*		-0.127	
			(0.092)	(0.089)		(0.091)	
Frequency of milk tea consumption				-0.068***	-0.072***		
				(0.023)	(0.022)		
Frequency of ham consumption				-0.105***	-0.105***		
				(0.027)	(0.027)		
Frequency of fruit consumption				0.038*	0.031		
				(0.022)	(0.022)		
Frequency of internet usage				-0.061	-0.074*		
				(0.041)	(0.041)		
Observations	388	379	378	374	374	378	388

Standard errors in parentheses * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.4: Full Regression Results; OLS estimation; Dependant variable: Log of adult equivalent monthly food expense for core members

	Model 0	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Adjusted R-squared	0.275	0.352	0.362	0.396	0.4	0.368	0.292
Dwelling=Ger	0.364**						0.324***
	(0.143)						(0.111)
Dwelling=House (Baishin)	0.495***	0.087	0.083	0.100*	0.094		0.465***
	(0.142)	(0.062)	(0.062)	(0.061)	(0.061)		(0.106)
Dwelling=Apartment	0.520***	0.298**	0.296**	0.349***	0.285**	0.283**	0.498***
	(0.155)	(0.122)	(0.122)	(0.113)	(0.122)	(0.118)	(0.126)
Household size=2	0.199			-0.339**	-0.284*		0.224**
	(0.183)			(0.160)	(0.164)		(0.111)
Household size=3	0.304			-0.320*	-0.296*		0.357***
	(0.190)			(0.176)	(0.178)		(0.107)
Household size=4	-0.054	-0.490***	-0.489***	-0.753***	-0.720***	-0.504***	
	(0.183)	(0.096)	(0.095)	(0.175)	(0.178)	(0.093)	
Household size=5	-0.233	-0.670***	-0.669***	-0.919***	-0.894***	-0.697***	-0.196**
	(0.182)	(0.101)	(0.101)	(0.182)	(0.186)	(0.096)	(0.081)
Household size=6	-0.213	-0.713***	-0.702***	-0.947***	-0.905***	-0.731***	-0.160*
	(0.191)	(0.116)	(0.115)	(0.191)	(0.194)	(0.110)	(0.093)
Household size=7	-0.332	-0.837***	-0.838***	-1.079***	-1.030***	-0.861***	-0.245**
	(0.213)	(0.137)	(0.136)	(0.210)	(0.214)	(0.126)	(0.115)
Household size=8 or more	-0.289	-0.856***	-0.847***	-1.142***	-1.087***	-0.873***	-0.216*
	(0.218)	(0.150)	(0.149)	(0.215)	(0.219)	(0.127)	(0.117)
Working members with Secondary education	-0.087*				-0.053*	-0.104***	-0.095***
	(0.048)				(0.030)	(0.031)	(0.035)
Working members with Upper Secondary education	-0.053					-0.065**	-0.062**
	(0.042)					(0.028)	(0.030)
Education of the household head=Postgraduate			0.395*			0.382*	
			(0.230)			(0.229)	
Working age members who are unemployed	-0.094**	-0.080**	-0.079**	-0.087***	-0.070**		-0.096***
	(0.043)	(0.034)	(0.033)	(0.031)	(0.033)		(0.035)
Working age members who are self-employed	0.077	0.081*	0.069			0.129***	0.108**
	(0.059)	(0.049)	(0.049)			(0.045)	(0.048)
Working age members who are employed in public sector	0.05	0.071	0.076			0.137***	0.089*
	(0.064)	(0.051)	(0.051)			(0.047)	(0.051)
Working age members who are employed in private companies	0.072	0.080*	0.078			0.156***	0.110**
	(0.062)	(0.047)	(0.047)			(0.045)	(0.050)
Working age members who are part-time employees	-0.257						-0.254*
	(0.160)						(0.152)
Household members who are retired	-0.026	0.083	0.081			0.101*	
	(0.058)	(0.055)	(0.054)			(0.052)	
Share of elderly members		0.690***	0.712***	0.647***	0.665***	0.742***	
		(0.228)	(0.228)	(0.224)	(0.224)	(0.226)	
Single parent		-0.147**	-0.163**	-0.196***	-0.193***	-0.154**	
		(0.063)	(0.063)	(0.061)	(0.061)	(0.062)	
Share of school age members		-0.529***	-0.551***	-0.548***	-0.543***	-0.590***	
		(0.187)	(0.187)	(0.185)	(0.185)	(0.187)	
Share of male members		0.230*	0.226*		0.159	0.229*	
		(0.125)	(0.125)		(0.124)	(0.124)	
Share of non adult members		1.190***	1.194***	1.189***	1.239***	1.306***	
		(0.260)	(0.261)	(0.259)	(0.260)	(0.257)	
Share of working age members		0.285*	0.258	0.273*	0.306**	0.313*	
		(0.161)	(0.160)	(0.141)	(0.142)	(0.160)	
Water source		-0.049	-0.048		-0.048	-0.059*	
		(0.036)	(0.036)		(0.035)	(0.036)	
Migrated to UB within last 5 years		-0.108	-0.115*	-0.127*	-0.125*	-0.134*	
		(0.070)	(0.069)	(0.069)	(0.069)	(0.068)	
Members with income=2	0.289*	0.106*	0.101*	0.129*	0.147**	0.101*	0.100*
	(0.161)	(0.059)	(0.059)	(0.067)	(0.067)	(0.059)	(0.060)
Members with income=3	0.346*	0.167*	0.162*	0.256***	0.301***	0.173**	0.137
	(0.181)	(0.085)	(0.085)	(0.092)	(0.096)	(0.086)	(0.086)
Members with income=4	0.299			0.239*	0.262**		
	(0.215)			(0.123)	(0.124)		
Two vulnurable members	0.253						0.398**
	(0.234)						(0.173)
Receives assistance from NGOs	-0.071						-0.114*
	(0.130)						(0.067)
Does not receive assistance	0.033		0.096*	0.093*	0.088	0.084	
	(0.146)		(0.055)	(0.054)	(0.054)	(0.055)	
Has fence around the dwelling (and live in ger area)		0.309***	0.334***	0.375***	0.387***	0.376***	
		(0.082)	(0.083)	(0.099)	(0.099)	(0.081)	
Owns Black & White TV		-0.095	-0.104			-0.092	
		(0.067)	(0.066)			(0.066)	
Owns cellphone		0.198***	0.199***	0.163***	0.148**	0.180***	
		(0.059)	(0.059)	(0.060)	(0.061)	(0.059)	
Owns electric stove		0.101*	0.095			0.081	
		(0.059)	(0.058)			(0.058)	
Frequency of milk tea consumption				-0.060***	-0.059***		
				(0.022)	(0.022)		
Frequency of ham consumption				-0.105***	-0.106***		
				(0.027)	(0.027)		
Frequency of fruit consumption				0.035	0.037*		
				(0.022)	(0.022)		
Observations	388	379	378	374	374	378	388

Standard errors in parentheses * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.5: Full Regression Results; OLS estimation; Dependant variable: Log of per capita monthly income for all members

	Model 0	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Adjusted R-squared	0.579	0.606	0.6	0.621	0.66	0.64	0.586
Dwelling=Ger	0.264*	0.287*	0.409***	0.388**	0.442***	0.475***	0.294**
	(0.136)	(0.159)	(0.154)	(0.151)	(0.149)	(0.150)	(0.128)
Dwelling=House (Baishin)	0.343**	0.346**	0.486***	0.455***	0.481***	0.512***	0.383***
	(0.136)	(0.159)	(0.155)	(0.152)	(0.151)	(0.151)	(0.127)
Dwelling=Apartment	0.570***	0.273*	0.373**	0.346**	0.341**	0.439***	0.611***
	(0.146)	(0.153)	(0.155)	(0.155)	(0.153)	(0.151)	(0.140)
Household size=2	-0.224	-0.420***	-0.441***	-0.539***	-0.476***	-0.456***	-0.273*
	(0.168)	(0.161)	(0.160)	(0.157)	(0.149)	(0.156)	(0.155)
Household size=3	-0.624***	-0.831***	-0.918***	-0.997***	-0.964***	-0.881***	-0.664***
	(0.178)	(0.167)	(0.169)	(0.164)	(0.157)	(0.163)	(0.164)
Household size=4	-0.854***	-1.068***	-1.104***	-1.188***	-1.174***	-1.079***	-0.887***
	(0.167)	(0.161)	(0.160)	(0.154)	(0.147)	(0.158)	(0.151)
Household size=5	-1.079***	-1.301***	-1.358***	-1.442***	-1.409***	-1.340***	-1.117***
	(0.169)	(0.164)	(0.164)	(0.154)	(0.149)	(0.161)	(0.154)
Household size=6	-1.043***	-1.257***	-1.339***	-1.395***	-1.319***	-1.238***	-1.061***
	(0.181)	(0.179)	(0.179)	(0.169)	(0.162)	(0.177)	(0.165)
Household size=7	-1.402***	-1.572***	-1.637***	-1.695***	-1.648***	-1.589***	-1.406***
	(0.192)	(0.181)	(0.181)	(0.171)	(0.167)	(0.184)	(0.173)
Household size=8 or more	-1.476***	-1.784***	-1.839***	-1.933***	-1.797***	-1.671***	-1.467***
	(0.207)	(0.178)	(0.178)	(0.168)	(0.174)	(0.192)	(0.178)
Working members with Primary education	0.132*				0.258***	0.274***	0.118*
	(0.073)				(0.073)	(0.075)	(0.066)
Working members with Secondary education	-0.080*				-0.066**	-0.076**	-0.088***
	(0.044)				(0.030)	(0.030)	(0.028)
Working members with Upper Secondary education	-0.058				-0.039	-0.066**	-0.076***
	(0.039)				(0.029)	(0.029)	(0.027)
Working members with Bachelor degree	0.07				0.108**		
	(0.062)				(0.051)		
Education of the household head=Higher Education Diploma		0.246***			0.184**	0.224***	
		(0.080)			(0.082)	(0.080)	
Education of the household head=Postgraduate		0.671***			0.764***	0.853***	
		(0.219)			(0.230)	(0.240)	
Education of the household head=Vocational		0.129**			0.083	0.187**	
		(0.062)			(0.064)	(0.084)	
Working age members who are self-employed	0.132**	0.091**	0.099**	0.075*	0.070*	0.113***	0.131***
	(0.055)	(0.042)	(0.042)	(0.042)	(0.041)	(0.041)	(0.042)
Working age members who are employed in public sector	0.230***	0.194***	0.198***	0.196***	0.199***	0.235***	0.246***
	(0.059)	(0.047)	(0.047)	(0.046)	(0.046)	(0.046)	(0.047)
Working age members who are employed in private companies	0.276***	0.200***	0.222***	0.233***	0.241***	0.238***	0.286***
	(0.057)	(0.043)	(0.042)	(0.042)	(0.043)	(0.043)	(0.044)
Share of male members		-0.230*				-0.196*	
		(0.121)				(0.116)	
Share of school age members		-0.184	-0.177			-0.186	
		(0.129)	(0.132)			(0.125)	
Single parent		-0.105*	-0.235***	-0.240***	-0.174***	-0.142**	
		(0.061)	(0.079)	(0.077)	(0.058)	(0.059)	
Female head of a household			0.192**	0.147*			
			(0.085)	(0.082)			
Distance to drinking water			-0.000*	-0.000*	0		
			0.000	0.000	0.000		
Water source		-0.072**	-0.05	-0.047	-0.069**	-0.085***	
		(0.034)	(0.036)	(0.035)	(0.034)	(0.033)	
Members with income=1	0.679***	0.605***	0.580***	0.540***	0.673***	0.622***	0.665***
	(0.142)	(0.141)	(0.143)	(0.139)	(0.138)	(0.138)	(0.139)
Members with income=2	1.227***	1.131***	1.126***	1.058***	1.185***	1.148***	1.221***
	(0.147)	(0.142)	(0.144)	(0.140)	(0.141)	(0.139)	(0.140)
Members with income=3	1.440***	1.400***	1.327***	1.281***	1.443***	1.405***	1.437***
	(0.167)	(0.155)	(0.158)	(0.153)	(0.153)	(0.152)	(0.153)
Members with income=4	1.408***	1.363***	1.332***	1.297***	1.386***	1.421***	1.414***
	(0.204)	(0.179)	(0.181)	(0.178)	(0.176)	(0.176)	(0.176)
Receives assistance from other	0.304**		0.226*	0.264**	0.325***	0.284**	0.300**
	(0.149)		(0.126)	(0.123)	(0.117)	(0.126)	(0.131)
Does not receive assistance	0.243*		0.111**	0.117**	0.099*	0.169**	0.207***
	(0.134)		(0.054)	(0.053)	(0.051)	(0.068)	(0.070)
Receives assistance from relatives	0.188					0.116	0.172**
	(0.119)					(0.084)	(0.086)
Owns Color TV		0.187***	0.171**	0.092	0.130*	0.098	
		(0.068)	(0.070)	(0.070)	(0.078)	(0.067)	
Owns car		0.178*	0.155		0.511		
		(0.095)	(0.094)		(0.350)		
Owns land (and live in ger area)		-0.096			-0.116	-0.125*	
		(0.065)			(0.070)	(0.072)	
Owns cellphone		0.135**	0.149**	0.095		0.119**	
		(0.057)	(0.058)	(0.058)		(0.057)	
Owns vehicle (car or truck)	0.226***				-0.495		0.241***
	(0.086)				(0.358)		(0.081)
Has fence around the dwelling (and live in ger area)		-0.211*	-0.310***	-0.324***	-0.305***	-0.197**	
		(0.111)	(0.103)	(0.100)	(0.097)	(0.086)	
Has land permit			0.577**	0.592***	0.765***	0.798***	
			(0.235)	(0.227)	(0.219)	(0.220)	
Owns truck					0.603*	0.243*	
					(0.332)	(0.130)	
Frequency of milk tea consumption				-0.049**	-0.039*		
				(0.021)	(0.020)		
Frequency of ham consumption				-0.097***	-0.092***		
				(0.024)	(0.023)		
Observations	388	379	378	374	374	378	388

Standard errors in parentheses * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.6: Full Regression Results; OLS estimation; Dependant variable: Log of per capita monthly income for core members

	Model 0	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Adjusted R-squared	0.568	0.575	0.586	0.603	0.634	0.617	0.577
Dwelling=Ger	0.299**	0.293*	0.405**	0.451***	0.422***	0.454***	0.322**
	(0.133)	(0.163)	(0.159)	(0.153)	(0.156)	(0.159)	(0.125)
Dwelling=House (Baishin)	0.380***	0.379**	0.501***	0.529***	0.466***	0.521***	0.402***
	(0.133)	(0.163)	(0.160)	(0.154)	(0.157)	(0.160)	(0.124)
Dwelling=Apartment	0.585***	0.360**	0.455***	0.482***	0.365**	0.421***	0.621***
	(0.144)	(0.151)	(0.154)	(0.146)	(0.158)	(0.161)	(0.137)
Household size=2	-0.254	-0.512***	-0.563***	-0.619***	-0.564***	-0.483***	-0.291*
	(0.170)	(0.166)	(0.165)	(0.162)	(0.158)	(0.159)	(0.157)
Household size=3	-0.643***	-0.930***	-1.040***	-1.067***	-1.029***	-0.955***	-0.685***
	(0.177)	(0.168)	(0.170)	(0.166)	(0.163)	(0.165)	(0.163)
Household size=4	-0.873***	-1.200***	-1.262***	-1.270***	-1.224***	-1.162***	-0.905***
	(0.170)	(0.162)	(0.162)	(0.158)	(0.155)	(0.157)	(0.154)
Household size=5	-1.112***	-1.435***	-1.515***	-1.513***	-1.473***	-1.418***	-1.143***
	(0.170)	(0.161)	(0.162)	(0.157)	(0.155)	(0.158)	(0.153)
Household size=6	-1.092***	-1.442***	-1.498***	-1.473***	-1.416***	-1.378***	-1.116***
	(0.178)	(0.170)	(0.170)	(0.166)	(0.164)	(0.167)	(0.161)
Household size=7	-1.411***	-1.749***	-1.825***	-1.780***	-1.726***	-1.689***	-1.437***
	(0.198)	(0.182)	(0.182)	(0.178)	(0.177)	(0.181)	(0.177)
Household size=8 or more	-1.499***	-1.898***	-1.968***	-1.976***	-1.869***	-1.804***	-1.495***
	(0.203)	(0.172)	(0.172)	(0.168)	(0.174)	(0.178)	(0.175)
Working members with Primary education	0.150**				0.253***	0.265***	0.132**
	(0.073)				(0.074)	(0.076)	(0.065)
Working members with Secondary education	-0.063				-0.075**	-0.075**	-0.084***
	(0.045)				(0.030)	(0.030)	(0.029)
Working members with Upper Secondary education	-0.047				-0.056*	-0.069**	-0.069**
	(0.039)				(0.029)	(0.029)	(0.027)
Working members with Higher Education Diploma	0.089				0.085*	0.064	0.067
	(0.056)				(0.045)	(0.048)	(0.047)
Working members with Bachelor degree	0.076				0.111**	0.085	
	(0.064)				(0.053)	(0.054)	
Working age members who are self-employed	0.121**	0.095**	0.087**	0.064	0.092**	0.111***	0.132***
	(0.055)	(0.043)	(0.043)	(0.043)	(0.043)	(0.043)	(0.043)
Working age members who are employed in public sector	0.214***	0.180***	0.174***	0.166***	0.187***	0.201***	0.235***
	(0.060)	(0.048)	(0.048)	(0.048)	(0.048)	(0.049)	(0.048)
Working age members who are employed in private companies	0.263***	0.203***	0.198***	0.207***	0.247***	0.248***	0.277***
	(0.058)	(0.044)	(0.044)	(0.044)	(0.045)	(0.046)	(0.046)
Members without registration with the local administration					-0.047*	-0.052**	
					(0.025)	(0.026)	
Single parent		-0.216***	-0.248***	-0.317***	-0.281***	-0.243***	
		(0.081)	(0.081)	(0.078)	(0.077)	(0.078)	
Female head of a household		0.143	0.175*	0.202**	0.125	0.144*	
		(0.091)	(0.091)	(0.084)	(0.083)	(0.085)	
Water source					-0.053	-0.076**	
					(0.035)	(0.034)	
Distance to drinking water		-0.000*	-0.000*	-0.000**	0		
		0.000	0.000	0.000	0.000		
Members with income=1	0.680***	0.567***	0.570***	0.514***	0.618***	0.675***	0.669***
	(0.145)	(0.146)	(0.145)	(0.141)	(0.141)	(0.146)	(0.141)
Members with income=2	1.220***	1.121***	1.143***	1.039***	1.137***	1.241***	1.222***
	(0.150)	(0.147)	(0.147)	(0.143)	(0.143)	(0.147)	(0.143)
Members with income=3	1.425***	1.360***	1.356***	1.251***	1.354***	1.458***	1.433***
	(0.169)	(0.160)	(0.158)	(0.156)	(0.155)	(0.158)	(0.155)
Members with income=4	1.333***	1.336***	1.382***	1.286***	1.333***	1.414***	1.363***
	(0.200)	(0.181)	(0.181)	(0.177)	(0.177)	(0.180)	(0.176)
Receives assistance from other	0.311**		0.251**	0.304**	0.335***	0.306**	0.287**
	(0.147)		(0.126)	(0.125)	(0.120)	(0.127)	(0.130)
Does not receive assistance	0.272**		0.131**	0.146***	0.154***	0.215***	0.207***
	(0.136)		(0.056)	(0.055)	(0.053)	(0.072)	(0.071)
Receives assistance from relatives	0.183					0.123	0.152*
	(0.120)					(0.087)	(0.086)
Owns cellphone		0.157***	0.140**	0.106*		0.101*	
		(0.059)	(0.060)	(0.059)		(0.061)	
Owns Color TV		0.141**	0.128*		0.114	0.154*	
		(0.071)	(0.072)		(0.080)	(0.081)	
Owns video player		0.120*	0.093				
		(0.069)	(0.068)				
Owns car		0.221**	0.172*			0.580*	
		(0.097)	(0.097)			(0.322)	
Has fence around the dwelling (and live in ger area)		-0.183*	-0.224**	-0.243***	-0.270***	-0.259***	
		(0.102)	(0.092)	(0.091)	(0.088)	(0.090)	
Owns truck			0.204		0.195	0.685**	
			(0.138)		(0.138)	(0.299)	
Has land permit			0.583**	0.610***	0.754***	0.767***	
			(0.242)	(0.235)	(0.228)	(0.235)	
Owns electric stove				-0.078	-0.114**	-0.083	
				(0.058)	(0.058)	(0.058)	
Owns land (and live in ger area)					-0.133*	-0.143*	
					(0.073)	(0.075)	
Owns Black & White TV					0.124*	0.124*	
					(0.073)	(0.074)	
Frequency of milk tea consumption				-0.052**	-0.035*		
				(0.022)	(0.021)		
Frequency of ham consumption				-0.102***	-0.099***		
				(0.024)	(0.023)		
Observations	388	379	378	374	374	378	388

Standard errors in parentheses * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.7: Full Regression Results; Probit Estimation; Dependant variable: Poverty status based on per capita monthly food expense for all members

	Model 0A	Model 1A	Model 2A	Model 3A	Model 4A	Model 5A	Model 6A
Psuedo R square	0.265	0.297	0.316	0.4	0.381	0.307	0.248
Dwelling=House (Baishin)	-0.958*	-0.377*	-0.378				-0.490**
	(1.78)	(1.66)	(1.61)				(2.54)
Dwelling=Apartment	-0.965*	-0.63	-0.702*				-0.432*
	(1.73)	(1.54)	(1.66)				(1.67)
Household size=2	0.656	1.144**	1.217**	1.470**	1.321**		
	(1.14)	(2.03)	(2.04)	(2.45)	(2.25)		
Household size=3	0.604	1.183**	1.196*	0.894	0.866		
	(1.00)	(2.00)	(1.95)	(1.63)	(1.63)		
Household size=4	1.511**	2.147***	2.173***	1.911***	2.014***	1.058***	0.899***
	(2.50)	(3.47)	(3.36)	(3.33)	(3.52)	(3.86)	(3.86)
Household size=5	2.008***	2.674***	2.747***	2.080***	2.115***	1.436***	1.302***
	(3.28)	(4.04)	(3.97)	(3.75)	(3.83)	(5.03)	(5.13)
Household size=6	2.120***	2.813***	2.869***	2.385***	2.518***	1.650***	1.404***
	(3.20)	(4.04)	(3.94)	(3.70)	(3.92)	(4.59)	(4.33)
Household size=7	2.309***	3.097***	3.179***	2.469***	2.524***	1.856***	1.482***
	(3.27)	(4.16)	(4.11)	(3.79)	(3.83)	(4.72)	(4.08)
Household size=8 or more	2.809***	3.521***	3.525***	3.258***	3.483***	2.220***	1.898***
	(3.39)	(4.59)	(4.49)	(4.76)	(4.68)	(4.94)	(4.58)
Working members with Primary education	0.794						0.841*
	(1.61)						(1.76)
Working members with Secondary education	0.23				0.299**	0.263*	0.250**
	(1.42)				(1.97)	(1.93)	(1.99)
Working members with Vocational education	-0.088				-0.483**	-0.416**	
	(0.53)				(2.35)	(2.21)	
Education of the household head=Lower Secondary			0.347	0.416*			
			(1.45)	(1.69)			
Education of the household head=Vocational			0.319	0.446*	0.986***	0.830**	
			(1.34)	(1.80)	(2.86)	(2.52)	
Working age members who are self-employed	-0.331*	-0.294**	-0.303**			-0.252*	-0.283**
	(1.80)	(2.04)	(2.08)			(1.93)	(2.20)
Working age members who are employed in public sector	-0.339*	-0.295**	-0.245			-0.252*	-0.321**
	(1.72)	(1.98)	(1.59)			(1.73)	(2.28)
Working age members who are employed in private companies	-0.283	-0.242*	-0.240*		-0.249*	-0.284**	-0.241*
	(1.41)	(1.70)	(1.68)		(1.75)	(2.10)	(1.79)
Household members who are retired	-0.133	-0.272	-0.339*				
	(0.71)	(1.43)	(1.75)				
Share of elderly members		-2.817***	-3.687***	-3.386***	-3.123***	-3.007***	
		(3.06)	(3.28)	(3.04)	(2.90)	(3.01)	
Share of working age members		-0.990*	-1.059*	-0.622	-0.571		
		(1.87)	(1.96)	(1.57)	(1.40)		
Share of male members		-0.863**	-0.852**	-0.896**	-1.049**	-1.057***	
		(2.09)	(1.97)	(2.01)	(2.32)	(2.70)	
Share of non adult members		-1.887**	-2.012**				
		(1.99)	(2.06)				
Single parent		0.494**	0.627**	0.793***	0.710***	0.643***	
		(2.05)	(2.41)	(2.91)	(2.62)	(2.67)	
Share of school age members		1.196*	1.157*				
		(1.87)	(1.77)				
Migrated to UB within last 5 years		0.523**	0.585**	0.556**	0.491*	0.644**	
		(2.08)	(2.24)	(2.07)	(1.84)	(2.54)	
Members with income=2	-0.625						-0.338*
	(1.01)						(1.85)
Members with income=3	-1.024	-0.582**	-0.606**	-0.739***	-0.719***	-0.653**	-0.761***
	(1.54)	(2.23)	(2.28)	(2.83)	(2.67)	(2.54)	(2.84)
Single head of a large household	-1.162		-2.186**	-1.953*	-2.230**	-2.168**	
	(1.17)		(2.08)	(1.68)	(2.02)	(2.36)	
No vulnurable members	0.429						0.642**
	(1.33)						(2.46)
Receives assistance from NGOs	0.304						0.511**
	(0.72)						(2.22)
Does not receive assistance	-0.269		-0.430**	-0.435**	-0.419**	-0.400**	
	(0.53)		(2.28)	(2.20)	(2.09)	(2.18)	
Has fence around the dwelling (and live in ger area)		-0.723*	-0.683*	-0.597**	-0.336		
		(1.93)	(1.81)	(2.09)	(1.47)		
Owns cellphone		-0.538***	-0.550***	-0.389*	-0.392*	-0.514**	
		(2.67)	(2.64)	(1.73)	(1.71)	(2.51)	
Owns electric stove		-0.426**	-0.434**	-0.367*		-0.335*	
		(2.13)	(2.13)	(1.73)		(1.79)	
Frequency of milk tea consumption				0.170**	0.179**		
				(2.07)	(2.22)		
Frequency of ham consumption				0.372***	0.362***		
				(4.27)	(4.17)		
Frequency of internet usage				0.288**	0.355**		
				(2.26)	(2.57)		
Observations	372	367	363	359	359	363	372

Absolute value of z statistics in parentheses. * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.8: Probit Estimation; Dependant variable: Poverty status based on per capita monthly food expense for core members

	Model 0A	Model 1A	Model 2A	Model 3A	Model 4A	Model 5A	Model 6A
Psuedo R square	0.289	0.36	0.355	0.416	0.418	0.383	0.276
Dwelling=House (Baishin)	-1.103**						-0.928***
	(2.09)						(2.60)
Dwelling=Apartment	-1.028*						-0.820**
	(1.86)						(2.04)
Household size=2	0.494	0.875		1.018**	0.756*		
	(0.85)	(1.55)		(2.22)	(1.78)		
Household size=4	1.437**	2.067***	1.066***	1.332***	1.500***	1.242***	1.146***
	(2.35)	(3.25)	(3.46)	(3.72)	(4.10)	(3.85)	(4.34)
Household size=5	1.946***	2.388***	1.449***	1.547***	1.700***	1.556***	1.558***
	(3.17)	(3.73)	(4.35)	(4.47)	(4.88)	(4.53)	(5.74)
Household size=6	2.076***	2.634***	1.579***	1.688***	1.906***	1.715***	1.715***
	(3.16)	(3.75)	(4.09)	(3.92)	(4.54)	(4.31)	(5.13)
Household size=7	2.061***	2.627***	1.637***	1.622***	1.810***	1.844***	1.679***
	(2.86)	(3.47)	(3.67)	(3.46)	(3.86)	(3.99)	(4.35)
Household size=8 or more	3.041***	3.157***	2.230***	2.420***	2.973***	2.803***	2.751***
	(3.39)	(4.12)	(4.51)	(4.26)	(4.84)	(4.81)	(5.28)
Working members with Vocational education	-0.225				-0.511**	-0.595***	-0.2
	(1.28)				(2.43)	(2.86)	(1.50)
Education of the household head=Vocational				0.352	0.864**	0.844**	
				(1.38)	(2.42)	(2.38)	
Working age members who are unemployed	0.085	0.230*	0.327**	0.291**	0.317**	0.320**	
	(0.52)	(1.75)	(2.52)	(2.07)	(2.22)	(2.38)	
Working age members who are self-employed	-0.229						-0.246*
	(1.14)						(1.72)
Working age members who are employed in public sector	-0.305	-0.201					-0.344**
	(1.52)	(1.30)					(2.34)
Working age members who are employed in private companies	-0.289						-0.278*
	(1.37)						(1.92)
Share of non adult members		-1.836**	-1.139			-1.32	
		(2.09)	(1.38)			(1.56)	
Single parent		0.677***	0.877***	0.880***	0.926***	0.929***	
		(2.63)	(3.34)	(3.09)	(3.17)	(3.34)	
Share of elderly members		-3.252***	-3.659***	-8.847**	-3.947***	-3.729***	
		(3.01)	(3.03)	(2.44)	(3.18)	(3.03)	
Share of working age members		-1.145**	-1.175**	-1.038**	-0.977**	-1.083**	
		(2.29)	(2.34)	(2.34)	(2.18)	(2.08)	
Share of school age members		1.574**	1.380**			1.543**	
		(2.36)	(2.09)			(2.27)	
Share of male members		-0.875*	-0.871*	-1.230**	-1.064**	-0.945**	
		(1.96)	(1.94)	(2.47)	(2.23)	(2.05)	
Migrated to UB within last 5 years		0.696**	0.833***	0.721**	0.753**	0.865***	
		(2.36)	(2.85)	(2.38)	(2.48)	(2.86)	
Members without registration with the local administration		0.235*	0.333**	0.300**	0.257*	0.296**	
		(1.69)	(2.28)	(2.20)	(1.86)	(2.02)	
Household is registered with the local administration			-0.509			-0.655*	
			(1.35)			(1.69)	
Members with income=2	-0.473	-0.3					-0.370*
	(0.76)	(1.31)					(1.88)
Members with income=3	-0.724	-0.797***	-0.629**	-0.630**	-0.557**	-0.642**	-0.644**
	(1.09)	(2.72)	(2.38)	(2.33)	(2.10)	(2.38)	(2.39)
Single head of a large household	-1.068		-2.491**	-3.131**	-2.158**	-2.626**	
	(1.08)		(2.34)	(2.22)	(2.00)	(2.46)	
No vulnurable members	0.39			-1.203			0.616**
	(1.17)			(1.37)			(2.27)
Receives assistance from NGOs	0.352						0.456*
	(0.79)						(1.93)
Does not receive assistance	-0.132		-0.463**	-0.468**	-0.508**	-0.497**	
	(0.25)		(2.30)	(2.20)	(2.36)	(2.40)	
Has land permit (and live in ger area)		0.723**	0.554*			0.559*	
		(2.35)	(1.82)			(1.78)	
Owns electric stove		-0.397*	-0.566***	-0.351	-0.352	-0.494**	
		(1.84)	(2.72)	(1.60)	(1.59)	(2.30)	
Has fence around the dwelling (and live in ger area)		-0.751***	-0.582**	-0.723**	-0.829***	-0.664**	
		(2.59)	(2.19)	(2.48)	(2.69)	(2.42)	
Owns cellphone		-0.561**	-0.687***	-0.503**	-0.588**	-0.729***	
		(2.51)	(3.15)	(2.04)	(2.38)	(3.21)	
Owns land			-0.506*			-0.503*	
			(1.71)			(1.65)	
Owns car				0.610*	0.456		
				(1.70)	(1.30)		
Owns Color TV				0.551*	0.526*		
				(1.86)	(1.80)		
Frequency of ham consumption				0.385***	0.377***		
				(4.06)	(4.03)		
Frequency of internet usage				0.248*	0.270*		
				(1.73)	(1.85)		
Observations	372	367	363	359	360	363	372

Absolute value of z statistics in parentheses. * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.9:Probit Estimation; Dependant variable: Poverty status based on adult equivalent monthly food expense for all members

	Model 0A	Model 1A	Model 2A	Model 3A	Model 4A	Model 5A	Model 6A
Psuedo R square	0.225	0.23	0.241	0.28	0.324	0.274	0.213
Dwelling=Ger	0.221	0.775**	0.299	0.285	0.914**	0.281	0.274*
	(0.55)	(2.08)	(1.61)	(1.55)	(2.25)	(1.48)	(1.68)
Dwelling=House (Baishin)	-0.012	0.555			0.624		
	(0.03)	(1.54)			(1.59)		
Household size=2	-0.676						-0.584**
	(1.43)						(2.05)
Household size=3	-1.155**						-1.065***
	(2.22)						(3.77)
Household size=4	-0.475	0.942***	0.874***	0.861***	1.001***	1.090***	-0.336*
	(0.99)	(3.59)	(3.34)	(3.19)	(3.55)	(4.03)	(1.76)
Household size=5	0.371	1.737***	1.806***	1.775***	1.950***	1.941***	0.417**
	(0.76)	(5.99)	(6.13)	(5.86)	(6.22)	(6.43)	(2.07)
Household size=6	-0.198	1.403***	1.399***	1.230***	1.412***	1.567***	
	(0.38)	(4.24)	(4.19)	(3.70)	(3.97)	(4.55)	
Household size=7	0.116	1.839***	1.745***	1.648***	1.927***	2.176***	
	(0.20)	(4.88)	(4.56)	(4.25)	(4.81)	(5.46)	
Household size=8 or more	-0.059	1.515***	1.438***	1.570***	1.864***	1.967***	
	(0.09)	(4.09)	(3.91)	(4.01)	(4.66)	(5.08)	
Working members with Secondary education	0.309**				0.420***	0.301***	0.266***
	(2.22)				(3.34)	(2.76)	(2.60)
Working members with Vocational education	0.028				-0.362**	-0.318*	
	(0.20)				(2.03)	(1.87)	
Working members with Bachelor degree	0.360**				0.275		0.290*
	(1.97)				(1.60)		(1.95)
Education of the household head=Vocational					0.834***	0.674**	
					(2.78)	(2.35)	
Working age members who are unemployed	0.233*	0.207**	0.263***	0.241**			0.285***
	(1.75)	(2.08)	(2.69)	(2.31)			(3.10)
Working age members who are self-employed	-0.219	-0.179				-0.280**	-0.193*
	(1.39)	(1.54)				(2.40)	(1.77)
Working age members who are employed in public sector	-0.19	-0.271**	-0.176	-0.263*	-0.279*	-0.235*	-0.202
	(1.06)	(1.99)	(1.34)	(1.93)	(1.90)	(1.65)	(1.54)
Working age members who are part-time employees	0.736		0.769	0.733	0.74	0.63	0.764*
	(1.60)		(1.61)	(1.53)	(1.51)	(1.29)	(1.74)
Share of non adult members		-2.090***	-2.156***	-2.400***	-2.782***	-2.257***	
		(3.74)	(3.79)	(4.06)	(4.60)	(3.91)	
Share of school age members		0.950**	1.020**	0.799	0.772	0.732	
		(2.00)	(2.12)	(1.61)	(1.52)	(1.48)	
Share of elderly members		-1.684**	-1.372	-1.255	-1.620*	-1.614*	
		(2.33)	(1.58)	(1.43)	(1.69)	(1.77)	
Single parent		0.433**	0.444**			0.379**	
		(2.36)	(2.42)			(1.96)	
Female head of a household				0.518**	0.544**		
				(2.50)	(2.46)		
Migrated to UB within last 5 years		0.355*	0.370*	0.301	0.332	0.500**	
		(1.76)	(1.80)	(1.43)	(1.53)	(2.35)	
Members with income=2	-0.616	-0.360**	-0.359**	-0.294*	-0.348*	-0.684***	-0.312**
	(1.25)	(2.16)	(2.12)	(1.67)	(1.92)	(3.57)	(1.99)
Members with income=3	-0.865	-0.691***	-0.729***	-0.805***	-1.083***	-1.137***	-0.534**
	(1.59)	(2.91)	(3.00)	(3.24)	(3.93)	(4.00)	(2.30)
Members with income=4	-0.511					-0.831**	
	(0.78)					(2.15)	
Receives assistance from NGOs	0.201						0.364**
	(0.58)						(2.00)
Does not receive assistance	-0.178		-0.414**	-0.375**	-0.367**	-0.651***	
	(0.44)		(2.55)	(2.26)	(2.13)	(2.66)	
Owns cellphone		-0.322**	-0.310*				
		(1.99)	(1.89)				
Has fence around the dwelling (and live in ger area)		-0.482	-0.586**		-0.685*	-0.397	
		(1.49)	(2.13)		(1.94)	(1.53)	
Owns refrigirator				0.308*	0.381**	0.273	
				(1.67)	(1.97)	(1.45)	
Owns truck				0.607	0.790*		
				(1.41)	(1.72)		
Frequency of milk tea consumption				0.206***	0.214***		
				(3.09)	(3.11)		
Frequency of ham consumption				0.223***	0.239***		
				(3.09)	(3.10)		
Frequency of internet usage				0.205*	0.285**		
				(1.77)	(2.30)		
Observations	385	379	375	371	372	375	385

Absolute value of z statistics in parentheses. * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.10:Probit Estimation; Dependant variable: Poverty status based on adult equivalent monthly food expense for core members

	Model 0A	Model 1A	Model 2A	Model 3A	Model 4A	Model 5A	Model 6A
Psuedo R square	0.226	0.278	0.283	0.303	0.336	0.303	0.219
Dwelling=Ger	-0.178	0.691*	0.795**		0.824**	0.871**	
	(0.46)	(1.75)	(2.06)		(1.98)	(2.23)	
Dwelling=House (Baishin)	-0.363	0.548	0.649*		0.669*	0.780**	-0.235
	(0.93)	(1.44)	(1.75)		(1.68)	(2.07)	(1.43)
Household size=2	-0.707						-0.756***
	(1.46)						(2.59)
Household size=3	-1.149**						-1.221***
	(2.23)						(4.11)
Household size=4	-0.271	1.399***	1.195***	1.271***	1.317***	1.363***	-0.346*
	(0.55)	(4.75)	(4.07)	(4.24)	(4.31)	(4.56)	(1.75)
Household size=5	0.443	2.207***	1.863***	1.957***	2.032***	2.179***	0.318
	(0.90)	(6.99)	(5.95)	(6.12)	(6.19)	(6.67)	(1.62)
Household size=6	0.063	2.005***	1.630***	1.685***	1.687***	1.915***	
	(0.12)	(5.73)	(4.69)	(4.79)	(4.66)	(5.33)	
Household size=7	0.244	2.544***	2.039***	2.030***	2.074***	2.405***	
	(0.42)	(6.21)	(4.96)	(4.82)	(4.88)	(5.66)	
Household size=8 or more	0.133	2.546***	1.742***	1.825***	1.981***	2.334***	
	(0.22)	(6.58)	(4.38)	(4.63)	(4.95)	(5.69)	
Working members with Secondary education	0.261*				0.421***	0.293**	0.210**
	(1.91)				(3.43)	(2.55)	(2.04)
Working members with Bachelor degree	0.420**				0.395**	0.266	0.343**
	(2.23)				(2.21)	(1.52)	(2.18)
Education of the household head=Vocational					0.411**		
					(2.01)		
Working age members who are unemployed	0.258**		0.231**	0.241**			0.325***
	(2.02)		(2.22)	(2.33)			(3.66)
Working age members who are self-employed	-0.280*	-0.447***	-0.245**		-0.253*	-0.469***	-0.216**
	(1.81)	(3.49)	(1.99)		(1.84)	(3.51)	(1.97)
Working age members who are employed in public sector	-0.246	-0.472***	-0.332**	-0.281**	-0.428***	-0.512***	-0.208
	(1.41)	(3.50)	(2.33)	(2.06)	(2.85)	(3.56)	(1.60)
Working age members who are employed in private companies	-0.123	-0.236*			-0.257*	-0.307**	
	(0.73)	(1.86)			(1.88)	(2.28)	
Household members who are retired	-0.026	-0.271*				-0.235	
	(0.16)	(1.87)				(1.54)	
Single parent		0.443**	0.452**	0.460**	0.493**	0.441**	
		(2.31)	(2.33)	(2.37)	(2.42)	(2.23)	
Members without registration with the local administration		0.229**	0.224**	0.200**	0.247**	0.265**	
		(2.31)	(2.19)	(1.98)	(2.18)	(2.57)	
Share of school age members		1.139**	1.260**	0.997*	1.060**	1.270**	
		(2.30)	(2.51)	(1.94)	(2.04)	(2.49)	
Share of elderly members		-1.933**	-1.982*	-1.567	-1.837	-1.72	
		(2.25)	(1.91)	(1.47)	(1.63)	(1.56)	
Share of non adult members		-2.887***	-2.641***	-2.502***	-2.767***	-3.092***	
		(4.71)	(4.28)	(4.05)	(4.39)	(4.85)	
Migrated to UB within last 5 years		0.445**	0.477**	0.508**	0.478**	0.508**	
		(2.05)	(2.19)	(2.28)	(2.09)	(2.28)	
Members with income=2	-0.47	-0.302*	-0.346*	-0.235	-0.302	-0.317*	-0.236
	(0.96)	(1.68)	(1.93)	(1.29)	(1.59)	(1.73)	(1.47)
Members with income=3	-0.593	-0.517**	-0.589**	-0.619**	-0.821***	-0.658**	-0.349
	(1.11)	(2.13)	(2.41)	(2.51)	(3.04)	(2.54)	(1.55)
Receives assistance from NGOs	0.304		0.520**	0.447**	0.410*	0.456**	0.293
	(0.86)		(2.47)	(2.09)	(1.85)	(2.16)	(1.58)
Has fence around the dwelling (and live in ger area)		-0.637*	-0.865**	-0.259	-0.695*	-0.808**	
		(1.83)	(2.39)	(1.37)	(1.93)	(2.22)	
Owns truck				0.683	0.934**	0.631	
				(1.50)	(1.98)	(1.37)	
Owns refrigirator		0.259	0.279	0.407**	0.438**	0.326*	
		(1.36)	(1.46)	(2.07)	(2.15)	(1.66)	
Owns cellphone		-0.412**	-0.429**			-0.410**	
		(2.32)	(2.38)			(2.17)	
Owns electric stove		-0.277	-0.254			-0.233	
		(1.61)	(1.45)			(1.30)	
Owns the fence around the ger (and live in ger area)			-1.232*			-1.313*	
			(1.80)			(1.85)	
Frequency of milk tea consumption				0.143**	0.171**		
				(2.05)	(2.45)		
Frequency of ham consumption				0.182**	0.221***		
				(2.31)	(2.76)		
Frequency of internet usage				0.200*	0.290**		
				(1.70)	(2.24)		
Frequency of phone usage				0.116*			
				(1.73)			
Observations	385	379	375	371	371	375	385

Absolute value of z statistics in parentheses. * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.11: Probit Estimation; Dependant variable: Poverty status based on per capita monthly income for all members

	Model 0A	Model 1A	Model 2A	Model 3A	Model 4A	Model 5A	Model 6A
Psuedo R square	0.501	0.461	0.461	0.495	0.563	0.566	0.412
Dwelling=Ger	-1.350**	-0.831	-0.831	-1.805**	-1.407*	-1.741*	-0.813**
	(2.45)	(1.37)	(1.37)	(2.26)	(1.71)	(1.83)	(2.12)
Dwelling=House (Baishin)	-1.610***	-0.837	-0.837	-1.791**	-1.523*	-1.869*	-1.072***
	(2.90)	(1.39)	(1.39)	(2.25)	(1.85)	(1.93)	(2.83)
Dwelling=Apartment	-2.326***	-1.189*	-1.189*	-2.456***	-1.757**	-2.295**	-1.761***
	(3.90)	(1.88)	(1.88)	(2.97)	(2.08)	(2.37)	(4.15)
Household size=2	0.599	1.677**	1.677**	2.062**	2.687***	2.483***	
	(0.97)	(2.56)	(2.56)	(2.29)	(2.89)	(2.69)	
Household size=3	1.817***	2.625***	2.625***	2.762***	3.705***	3.418***	0.861**
	(2.71)	(3.75)	(3.75)	(3.07)	(3.77)	(3.46)	(2.29)
Household size=4	2.635***	3.535***	3.535***	3.286***	4.594***	4.228***	1.689***
	(3.84)	(4.82)	(4.82)	(3.53)	(4.39)	(4.03)	(4.74)
Household size=5	3.953***	4.292***	4.292***	4.380***	5.757***	5.485***	2.803***
	(5.24)	(5.57)	(5.57)	(4.51)	(5.24)	(4.96)	(6.62)
Household size=6	2.860***	3.778***	3.778***	3.785***	4.973***	4.645***	1.961***
	(3.90)	(4.84)	(4.84)	(3.82)	(4.50)	(4.14)	(4.73)
Household size=7	4.168***	4.539***	4.539***	4.315***	6.306***	6.005***	3.131***
	(4.96)	(5.55)	(5.55)	(4.25)	(5.34)	(5.04)	(6.43)
Household size=8 or more	4.663***	4.520***	4.520***	4.859***	6.250***	6.021***	3.432***
	(4.80)	(5.64)	(5.64)	(4.77)	(5.42)	(5.17)	(6.71)
Working members with Secondary education	0.519***						
	(2.75)						
Education of the household head=Lower Secondary		0.541**	0.541**		0.816***	0.787***	
		(2.03)	(2.03)		(2.65)	(2.58)	
Working age members who are employed in public sector	-0.307			-0.612***			
	(1.35)			(3.75)			
Working age members who are employed in private companies	-0.475**			-0.755***			
	(2.07)			(4.94)			
Single parent				0.565*			
				(1.70)			
Female head of a household				-0.584*			
				(1.66)			
Share of male members		1.072**	1.072**		1.152**	1.195**	
		(2.31)	(2.31)		(2.14)	(2.27)	
Share of working age members		-0.770*	-0.770*		-1.350**	-1.180*	
		(1.94)	(1.94)		(2.12)	(1.85)	
Share of school age members		1.403***	1.403***	1.654***	2.468***	2.235***	
		(2.74)	(2.74)	(2.98)	(2.96)	(2.70)	
Share of elderly members				-1.69	-5.745**	-5.361**	
				(1.54)	(2.29)	(2.18)	
Share of non adult members					-2.312**	-1.912*	
					(1.97)	(1.67)	
Distance to drinking water source				0.001***	0.001**	0.001*	
				(3.87)	(2.06)	(1.91)	
Members without registration with the local administration		0.437**	0.437**	0.282	0.520**	0.642**	
		(2.20)	(2.20)	(1.39)	(2.27)	(2.57)	
Members with income=1	-4.576***	1.480***	1.480***				
	(4.78)	(5.26)	(5.26)				
Members with income=2	-6.170***				-1.755***	-1.743***	-1.492***
	(6.18)				(4.96)	(5.06)	(5.68)
Members with income=3	-7.516***	-0.942***	-0.942***		-3.164***	-3.103***	-2.456***
	(7.03)	(3.41)	(3.41)		(6.28)	(6.43)	(7.43)
Members with income=4	-7.314***				-3.357***	-3.288***	-2.880***
	(6.56)				(5.80)	(5.84)	(6.82)
Single elderly	-1.7						-2.126**
	(1.42)						(2.01)
No vulnurable members	0.161				-1.306*	-1.204*	
	(0.45)				(1.86)	(1.75)	
Two vulnurable members	1.023			1.643	3.340*	3.190*	1.203*
	(1.40)			(1.56)	(1.84)	(1.79)	(1.83)
Receives assistance from NGOs	0.998			0.717*	0.985**	1.196***	1.130***
	(1.50)			(1.88)	(2.27)	(2.74)	(3.75)
Does not receive assistance	-0.323			-0.396	-0.531*	-0.398	
	(0.42)			(1.50)	(1.75)	(1.36)	
Owns vehicle (car or truck)	-0.791**				-0.625*	-0.641*	-0.811***
	(2.52)				(1.73)	(1.79)	(3.04)
Owns land (and live in ger area)		0.497**	0.497**	0.509*	0.424	0.653*	
		(2.09)	(2.09)	(1.71)	(1.52)	(1.94)	
Owns cellphone		-0.773***	-0.773***	-0.727***	-0.865***	-0.836***	
		(3.35)	(3.35)	(2.98)	(3.22)	(3.16)	
Owns car		-0.676**	-0.676**				
		(2.14)	(2.14)				
Owns refrigirator		-0.443*	-0.443*	-0.461*			
		(1.78)	(1.78)	(1.68)			
Owns Color TV		-0.888***	-0.888***	-0.504	-1.201***	-1.120***	
		(2.78)	(2.78)	(1.48)	(3.14)	(2.99)	
Owns electric stove				0.506**			
				(2.12)			
Has land permit (and live in ger area)				-0.565*		-0.439	
				(1.89)		(1.31)	
Frequency of ham consumption				0.228**	0.207*		
				(2.45)	(1.70)		
Frequency of fruit consumption					-0.166*		
					-1.67		
Observations	385	388	388	372	372	376	385

Absolute value of z statistics in parentheses. * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.12:Probit Estimation; Dependant variable: Poverty status based on per capita monthly income for core members

	Model 0A	Model 1A	Model 2A	Model 3A	Model 4A	Model 5A	Model 6A
Psuedo R square	0.404	0.462	0.518	0.485	0.526	0.517	0.395
Dwelling=Ger	-1.257**	-1.389**	-1.251*	-2.328***	-1.434*	-1.746**	-0.987**
	(2.51)	(2.19)	(1.93)	(2.76)	(1.84)	(2.14)	(2.50)
Dwelling=House (Baishin)	-1.479***	-1.300**	-1.315**	-1.998**	-1.331*	-1.833**	-1.187***
	(2.97)	(2.11)	(2.02)	(2.41)	(1.73)	(2.24)	(3.05)
Dwelling=Apartment	-2.059***	-1.961***	-1.908***	-2.705***	-2.110***	-2.504***	-1.797***
	(3.88)	(2.99)	(2.87)	(3.13)	(2.71)	(3.02)	(4.14)
Household size=2	0.543	1.183*	1.375**	2.080**	1.693**	1.983**	
	(0.92)	(1.89)	(2.06)	(2.22)	(2.01)	(2.31)	
Household size=3	1.203*	2.067***	2.104***	2.085**	2.152**	2.525***	0.822**
	(1.93)	(3.03)	(2.80)	(2.28)	(2.52)	(2.88)	(2.13)
Household size=4	1.986***	2.853***	2.988***	3.003***	3.002***	3.414***	1.588***
	(3.19)	(4.17)	(3.95)	(3.10)	(3.43)	(3.77)	(4.50)
Household size=5	3.025***	3.806***	4.091***	3.957***	4.156***	4.561***	2.585***
	(4.62)	(5.23)	(5.04)	(3.95)	(4.53)	(4.81)	(6.50)
Household size=6	2.251***	3.055***	3.038***	3.270***	3.088***	3.479***	1.838***
	(3.55)	(4.25)	(3.84)	(3.26)	(3.39)	(3.72)	(4.82)
Household size=7	3.203***	4.103***	4.394***	3.741***	4.406***	4.843***	2.775***
	(4.56)	(5.16)	(4.98)	(3.63)	(4.48)	(4.75)	(5.95)
Household size=8 or more	3.739***	4.443***	4.635***	4.479***	4.887***	5.093***	3.311***
	(5.20)	(5.60)	(5.21)	(4.27)	(4.89)	(5.00)	(6.80)
Education of the household head=Lower Secondary		0.643**	0.868***	0.468*	0.886***	0.759**	
		(2.33)	(2.80)	(1.70)	(2.78)	(2.54)	
Education of the household head=Postgraduate		-1.732	-1.930*	-2.126*	-1.954*	-1.824	
		(1.58)	(1.72)	(1.90)	(1.75)	(1.63)	
Working age members who are employed in public sector				-0.551***			
				(3.41)			
Working age members who are employed in private companies				-0.715***			
				(4.68)			
Share of elderly members			-3.357*	-1.547	-4.273*	-3.255*	
			(1.75)	(1.43)	(1.88)	(1.72)	
Share of non adult members				1.965***			
				(3.06)			
Share of school age members		0.861*	0.919		1.068*	0.821	
		(1.65)	(1.63)		(1.86)	(1.42)	
Share of male members		0.802*	1.178**	0.809	1.073**	1.167**	
		(1.71)	(2.34)	(1.60)	(2.07)	(2.24)	
Members without registration with the local administration		0.271**	0.263**	0.380*	0.446***	0.226*	
		(2.28)	(2.18)	(1.94)	(2.61)	(1.90)	
Single elderly	-1.616						-2.007*
	(1.39)						(1.87)
Distance to drinking water				0.001***	0		
				(3.34)	(1.28)		
Members with income=1	-5.529***						
	(13.50)						
Members with income=2	-6.881***	-1.327***	-1.568***		-1.362***	-1.404***	-1.367***
	(20.32)	(4.73)	(5.06)		(4.48)	(4.50)	(5.30)
Members with income=3	-7.862***	-2.462***	-2.917***		-2.604***	-2.760***	-2.347***
	(23.04)	(6.82)	(6.98)		(6.28)	(6.74)	(7.42)
Members with income=4	-8.078	-2.353***	-3.042***		-2.913***	-2.922***	-2.541***
	(.)	(5.39)	(5.98)		(5.64)	(5.76)	(6.46)
No vulnurable members	-0.095		-0.836		-1.264*	-0.741	
	(0.32)		(1.52)		(1.90)	(1.35)	
Two vulnurable members	0.865		2.404*	1.48	2.750*	2.471*	1.04
	(1.24)		(1.72)	(1.44)	(1.65)	(1.81)	(1.59)
Receives assistance from NGOs	0.906					0.917**	1.120***
	(1.59)					(2.31)	(3.75)
Receives assistance from other	0.037		-0.93	-0.893*	-0.912		
	(0.05)		(1.63)	(1.78)	(1.64)		
Does not receive assistance	-0.326		-1.557***	-0.800***	-1.450***	-0.462*	
	(0.51)		(3.84)	(3.17)	(3.63)	(1.67)	
Receives assistance from relatives	-0.218		-1.011**		-0.779*		
	(0.37)		(2.32)		(1.79)		
Owns car		-0.635**	-0.705*				
		(1.97)	(1.94)				
Owns truck		-0.843*	-1.315**			-0.81	
		(1.76)	(2.44)			(1.32)	
Owns Black & White TV		0.460*	0.542*	0.468	0.421	0.464	
		(1.70)	(1.83)	(1.53)	(1.39)	(1.54)	
Owns vehicle (car or truck)	-0.929***				-0.745**	-0.629*	-0.858***
	(3.47)				(2.19)	(1.67)	(3.32)
Owns video player		-0.561**	-0.456*	-0.403	-0.488**	-0.458*	
		(2.54)	(1.93)	(1.59)	(1.98)	(1.96)	
Owns cell phone		-0.683***	-0.625**	-0.745***	-0.777***	-0.734***	
		(3.02)	(2.55)	(3.00)	(3.06)	(3.00)	
Has land permit (and live in ger area)			-0.740**	-0.465	-0.538*	-0.790**	
			(2.16)	(1.57)	(1.69)	(2.29)	
Owns refrigirator				-0.506*			
				(1.85)			
Frequency of ham consumption				0.249***			
				(2.67)			
Observations	385	388	384	372	372	375	385

Absolute value of z statistics in parentheses. * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.13: Logit Estimation; Dependant variable: Poverty status based on per capita monthly food expense for all members

	Model 0B	Model 1B	Model 2B	Model 3B	Model 4B	Model 5B	Model 6B
Psuedo R square	0.266	0.292	0.321	0.386	0.381	0.33	0.248
Dwelling=House (Baishin)	-1.488	-0.58		-0.729*			-0.746**
	(1.64)	(1.46)		(1.71)			(2.24)
Dwelling=Apartment	-1.478	-1.019					-0.656
	(1.58)	(1.45)					(1.47)
Household size=2	1.05	1.895**	1.596*	3.507***	2.392**	1.413	
	(1.10)	(1.99)	(1.70)	(3.03)	(2.36)	(1.53)	
Household size=3	1.016	2.055**	1.678*	2.756**	1.651*	1.54	
	(1.01)	(2.05)	(1.69)	(2.50)	(1.80)	(1.58)	
Household size=4	2.499**	3.641***	3.238***	4.619***	3.630***	3.300***	1.503***
	(2.46)	(3.40)	(3.04)	(3.72)	(3.60)	(3.18)	(3.75)
Household size=5	3.369***	4.573***	4.063***	5.286***	3.882***	3.895***	2.189***
	(3.24)	(3.99)	(3.65)	(4.16)	(3.94)	(3.62)	(4.91)
Household size=6	3.543***	4.762***	4.385***	5.369***	4.477***	4.167***	2.345***
	(3.16)	(3.95)	(3.59)	(3.92)	(3.94)	(3.54)	(4.13)
Household size=7	3.842***	5.296***	4.964***	5.663***	4.397***	4.644***	2.485***
	(3.17)	(4.09)	(3.80)	(3.95)	(3.81)	(3.65)	(3.84)
Household size=8 or more	4.712***	6.025***	5.620***	7.166***	6.095***	5.226***	3.185***
	(3.29)	(4.45)	(4.08)	(4.63)	(4.62)	(4.03)	(4.33)
Working members with Primary education	1.293						1.395*
	(1.50)						(1.67)
Working members with Secondary education	0.433				0.592**	0.498*	0.484**
	(1.51)				(2.12)	(1.90)	(2.05)
Working members with Vocational education	-0.172				-0.823**	-0.687**	
	(0.61)				(2.30)	(1.98)	
Education of the household head=Vocational			0.643	0.733*	1.679***	1.498**	
			(1.54)	(1.66)	(2.77)	(2.45)	
Working age members who are self-employed	-0.511	-0.502**	-0.297			-0.447*	-0.430*
	(1.54)	(1.98)	(1.28)			(1.85)	(1.89)
Working age members who are employed in public sector	-0.565*	-0.511**	-0.354			-0.435	-0.566**
	(1.66)	(1.99)	(1.31)			(1.58)	(2.37)
Working age members who are employed in private companies	-0.395	-0.397			-0.447*	-0.35	-0.372
	(1.12)	(1.61)			(1.73)	(1.35)	(1.57)
Share of elderly members		-1.478**	-1.138	-1.682**	-1.871**	-1.571**	
		(2.07)	(1.53)	(1.98)	(2.34)	(2.08)	
Share of non adult members		-0.928***	-0.891**		-0.672*	-0.918**	
		(2.62)	(2.37)		(1.67)	(2.39)	
Share of school age members		2.061*	1.715			1.641	
		(1.84)	(1.55)			(1.47)	
Share of working age members		-4.690***	-5.139***	-12.339***	-5.619***	-5.216***	
		(2.93)	(2.84)	(2.75)	(2.99)	(2.89)	
Share of male members		-1.193*	-0.791	-0.917*	-0.653	-0.920*	
		(1.82)	(1.61)	(1.70)	(1.58)	(1.89)	
Single parent		0.857**	1.131**	1.244***	1.242***	1.136**	
		(2.01)	(2.47)	(2.60)	(2.59)	(2.42)	
Migrated to UB within last 5 years		0.870**	1.078**	0.881*	0.818*	1.075**	
		(2.04)	(2.41)	(1.86)	(1.78)	(2.41)	
Members with income=2	-1.582		-0.811**	-0.601		-0.554	-0.638**
	(1.21)		(1.98)	(1.35)		(1.44)	(1.98)
Members with income=3	-2.287*	-1.002**	-1.945***	-2.167***	-1.315***	-1.644***	-1.372***
	(1.67)	(2.20)	(3.33)	(3.46)	(2.82)	(3.11)	(2.97)
Single head of a large household	-2.063		-4.394**	-5.633**	-3.901**	-3.857**	
	(1.27)		(2.44)	(1.99)	(2.17)	(2.34)	
No vulnurable members	0.725			-1.881			1.082**
	(1.32)			(1.38)			(2.41)
Receives assistance from NGOs	0.591						1.028**
	(0.78)						(2.34)
Receives assistance from other	-0.354		-1.345	-1.918*			
	(0.32)		(1.35)	(1.89)			
Does not receive assistance	-0.61		-1.848***	-2.063***	-0.809**	-1.367**	
	(0.65)		(2.87)	(2.93)	(2.23)	(2.54)	
Receives assistance from relatives	-0.629		-1.439**	-1.247*		-0.988	
	(0.71)		(2.06)	(1.67)		(1.59)	
Has fence around the dwelling (and live in ger area)		-0.760**	-0.805**	-0.563		-0.651*	
		(2.16)	(2.23)	(1.48)		(1.79)	
Owns cellphone		-1.697*	-1.602**	-2.333***	-1.173*	-1.452*	
		(1.88)	(1.96)	(2.65)	(1.66)	(1.76)	
Owns the fence around the ger (and live in ger area)		-3.199*	-2.357	-2.253*		-2.104	
		(1.93)	(1.55)	(1.77)		(1.44)	
Frequency of milk tea consumption				0.409***	0.325**		
				(2.63)	(2.27)		
Frequency of ham consumption				0.751***	0.657***		
				(4.53)	(4.17)		
Frequency of internet usage				0.474**	0.616***		
				(2.07)	(2.59)		
Observations	372	367	363	359	359	363	372

Absolute value of z statistics in parentheses. * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.14: Logit Estimation; Dependant variable: Poverty status based on per capita monthly food expense for coremembers

	Model 0B	Model 1B	Model 2B	Model 3B	Model 4B	Model 5B	Model 6B
Psuedo R square	0.3	0.347	0.364	0.417	0.428	0.399	0.276
Dwelling=House (Baishin)	-1.735*						-1.460**
	(1.91)						(2.35)
Dwelling=Apartment	-1.577*						-1.300*
	(1.66)						(1.86)
Household size=2	0.785	1.536		2.600**	1.13	1.437	
	(0.80)	(1.63)		(2.30)	(1.56)	(1.36)	
Household size=3	0.617	1.970*		1.459		1.694	
	(0.60)	(1.85)		(1.38)		(1.49)	
Household size=4	2.394**	4.036***	1.864***	3.512***	2.615***	4.212***	1.944***
	(2.29)	(3.57)	(3.44)	(3.18)	(3.88)	(3.33)	(4.23)
Household size=5	3.266***	4.859***	2.626***	4.137***	2.924***	4.908***	2.643***
	(3.09)	(4.07)	(4.36)	(3.81)	(4.46)	(3.74)	(5.51)
Household size=6	3.508***	5.353***	2.768***	4.381***	3.160***	5.197***	2.930***
	(3.10)	(4.14)	(3.97)	(3.59)	(4.19)	(3.71)	(4.92)
Household size=7	3.430***	5.641***	2.939***	4.271***	3.073***	5.663***	2.824***
	(2.75)	(3.99)	(3.52)	(3.33)	(3.60)	(3.78)	(4.13)
Household size=8 or more	5.275***	7.180***	4.303***	5.858***	5.491***	7.646***	4.795***
	(3.30)	(4.61)	(4.29)	(4.20)	(4.62)	(4.51)	(4.91)
Working members with Vocational education	-0.427				-1.027***	-1.044***	-0.374
	(1.37)				(2.75)	(2.76)	(1.60)
Education of the household head=Vocational			-0.806	-0.729		-0.899	
			(1.54)	(1.56)		(1.64)	
Education of the household head=Postgraduate			-1.800*			-1.612	
			(1.76)			(1.45)	
Working age members who are unemployed	0.166		0.480**	0.440*	0.544**		
	(0.58)		(2.04)	(1.68)	(2.08)		
Working age members who are self-employed	-0.344	-0.497*					-0.384
	(0.98)	(1.77)					(1.53)
Working age members who are employed in public sector	-0.522	-0.696**	-0.385			-0.422	-0.621**
	(1.49)	(2.42)	(1.40)			(1.47)	(2.45)
Working age members who are employed in private companies	-0.406	-0.392				-0.399	-0.441*
	(1.08)	(1.44)				(1.41)	(1.68)
Single parent		-0.803**	-0.901**	-0.753*	-0.579	-0.683*	
		(2.17)	(2.45)	(1.87)	(1.41)	(1.68)	
Members without registration with the local administration		1.194**	1.431***	1.697***	1.675***	1.691***	
		(2.57)	(3.09)	(3.19)	(3.11)	(3.21)	
Household is registered with the local administration		2.358*	4.555***	-4.619**	-1.813	4.126**	0.379
		(1.77)	(3.12)	(2.17)	(0.86)	(2.35)	(0.55)
Share of working age members		0.534**	0.735**	0.612**	0.815**	0.518	
		(2.05)	(2.36)	(2.03)	(2.30)	(1.60)	
Share of school age members		-1.054***	-1.172***	-0.930**	-0.787	-1.073**	
		(2.72)	(2.97)	(2.10)	(1.63)	(2.49)	
Share of elderly members		1.139**	1.461***	1.322**	1.361**	1.491***	
		(2.28)	(2.80)	(2.50)	(2.50)	(2.65)	
Share of non adult members		-4.159**	-1.952			-3.536**	
		(2.24)	(1.37)			(2.11)	
Migrated to UB within last 5 years		2.694**	2.356**			2.527**	
		(2.23)	(2.03)			(2.00)	
Members with income=2	-1.289	-0.537				-0.59	-0.713**
	(0.99)	(1.36)				(1.38)	(2.05)
Members with income=3	-1.737	-1.230**	-1.134**	-1.257***	-1.079**	-1.725***	-1.182**
	(1.28)	(2.37)	(2.42)	(2.63)	(2.31)	(3.07)	(2.52)
Single head of a large household	-1.863		-4.330**	-4.132*	-4.391**	-4.768***	
	(1.15)		(2.37)	(1.96)	(2.46)	(2.70)	
No vulnurable members	0.67						1.061**
	(1.17)						(2.25)
Receives assistance from NGOs	0.741						0.947**
	(0.89)						(2.10)
Does not receive assistance	-0.309		-0.955***	-1.032***	-1.091***	-0.989***	
	(0.31)		(2.59)	(2.61)	(2.69)	(2.59)	
Owns land (and live in ger area)		-2.233**	-1.642*	-1.915**	-1.816**	-1.619*	
		(2.21)	(1.87)	(2.47)	(2.24)	(1.76)	
Has land permit (and live in ger area)		-0.952*	-1.126**	-1.591***	-1.694***	-1.421***	
		(1.96)	(2.31)	(2.62)	(2.87)	(2.61)	
Owns refrigirator		-5.647***	-5.972***	-7.143***	-7.145***	-6.697***	
		(3.00)	(2.92)	(3.23)	(3.34)	(3.06)	
Owns cellphone		-1.410*	-1.501*	-1.649*	-1.855**	-1.251	
		(1.84)	(1.91)	(1.90)	(2.13)	(1.53)	
Owns electric stove		1.227**	0.859			1.026*	
		(2.27)	(1.59)			(1.80)	
Has fence around the dwelling (and live in ger area)			-1.276*		-1.343*	-1.178	
			(1.84)		(1.70)	(1.53)	
Owns car				0.433*	0.523**		
				(1.71)	(1.97)		
Owns the fence around the ger (and live in ger area)				1.222**	0.920*		
				(2.27)	(1.81)		
Frequency of ham consumption				1.108*	0.882		
				(1.78)	(1.42)		
Frequency of internet usage				0.714***	0.597***		
				(4.18)	(3.49)		
Observations	372	367	363	359	360	363	372

Absolute value of z statistics in parentheses. * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.15: Logit Estimation; Dependant variable: Poverty status based on adult equivalent monthly food expense for all members

	Model 0B	Model 1B	Model 2B	Model 3B	Model 4B	Model 5B	Model 6B
Psuedo R square	0.224	0.246	0.236	0.284	0.322	0.286	0.208
Dwelling=Ger	0.368	1.415**	0.539*	0.47	1.577**	1.649**	0.441
	(0.57)	(2.21)	(1.73)	(1.49)	(2.26)	(2.53)	(1.62)
Dwelling=House (Baishin)	0.009	1.035*			1.083	1.198*	
	(0.01)	(1.68)			(1.60)	(1.95)	
Household size=2	-1.09						-0.986**
	(1.43)						(2.14)
Household size=3	-1.919**						-1.762***
	(2.23)						(3.63)
Household size=4	-0.753	1.752***	1.408***	1.447***	1.728***	1.742***	-0.511
	(0.97)	(3.84)	(3.21)	(3.13)	(3.53)	(3.65)	(1.61)
Household size=5	0.659	3.393***	2.913***	2.971***	3.374***	3.324***	0.734**
	(0.83)	(6.39)	(5.82)	(5.51)	(5.92)	(6.04)	(2.14)
Household size=6	-0.329	2.708***	2.258***	2.046***	2.415***	2.675***	
	(0.39)	(4.69)	(4.07)	(3.56)	(3.93)	(4.40)	
Household size=7	0.211	3.895***	2.792***	2.919***	3.299***	3.591***	
	(0.23)	(5.70)	(4.32)	(4.30)	(4.67)	(5.01)	
Household size=8 or more	-0.071	3.625***	2.194***	2.695***	3.217***	3.392***	
	(0.07)	(5.64)	(3.72)	(3.96)	(4.60)	(4.78)	
Working members with Primary education	0.224				0.827	0.990*	
	(0.56)				(1.43)	(1.65)	
Working members with Secondary education	0.538**				0.734***	0.645***	0.487***
	(2.29)				(3.35)	(3.13)	(2.72)
Working members with Vocational education	0.034				-0.651**	-0.631**	
	(0.14)				(2.13)	(2.14)	
Working members with Bachelor degree	0.622**				0.49	0.406	0.491**
	(2.02)				(1.63)	(1.42)	(2.00)
Education of the household head=Lower Secondary		0.552*		0.685*			
		(1.69)		(1.95)			
Education of the household head=Vocational				0.566*	1.498***	1.372***	
				(1.65)	(2.88)	(2.71)	
Working age members who are unemployed	0.375*		0.502***	0.345*			0.477***
	(1.69)		(3.12)	(1.95)			(3.08)
Working age members who are self-employed	-0.367	-0.717***				-0.485**	-0.326*
	(1.37)	(3.31)				(2.24)	(1.71)
Working age members who are employed in public sector	-0.307	-0.700***		-0.353	-0.476*	-0.468*	-0.363*
	(1.04)	(3.07)		(1.50)	(1.89)	(1.83)	(1.70)
Working age members who are employed in private companies	-0.119	-0.373*			-0.368*	-0.316	
	(0.42)	(1.77)			(1.68)	(1.36)	
Working age members who are part-time employees	1.278		1.296		1.287	1.084	1.333*
	(1.59)		(1.63)		(1.51)	(1.31)	(1.72)
Household members who are retired	-0.007	-0.570**					
	(0.02)	(2.29)					
Female head of a household		0.721**		0.913**	0.959**		
		(2.10)		(2.51)	(2.50)		
Single parent			0.805**			0.586*	
			(2.52)			(1.67)	
Share of school age members		1.377*	1.655**	1.337	1.238	1.417	
		(1.67)	(2.02)	(1.56)	(1.41)	(1.62)	
Share of non adult members		-4.552***	-3.415***	-4.144***	-4.726***	-4.219***	
		(4.56)	(3.57)	(4.07)	(4.47)	(4.05)	
Share of elderly members		-2.696*	-2.436	-2.134	-2.658	-2.807*	
		(1.96)	(1.56)	(1.34)	(1.61)	(1.75)	
Migrated to UB within last 5 years		0.640*	0.619*	0.525	0.572	0.847**	
		(1.86)	(1.81)	(1.47)	(1.58)	(2.35)	
Members with income=2	-0.971	-0.600**	-0.571**	-0.509*	-0.584*	-1.031***	-0.524**
	(1.15)	(2.06)	(2.00)	(1.69)	(1.88)	(3.02)	(1.99)
Members with income=3	-1.426	-1.213***	-1.238***	-1.421***	-1.851***	-1.921***	-0.934**
	(1.53)	(2.84)	(3.01)	(3.27)	(3.89)	(3.73)	(2.36)
Receives assistance from NGOs	0.355						0.605**
	(0.61)						(1.96)
Does not receive assistance	-0.346		-0.708**	-0.678**	-0.595**	-1.150***	
	(0.51)		(2.55)	(2.34)	(1.99)	(2.64)	
Owns cellphone		-0.428	-0.512*				
		(1.47)	(1.86)				
Has fence around the dwelling (and live in ger area)		-1.148*	-0.993**		-1.161*	-1.334**	
		(1.87)	(2.15)		(1.92)	(2.20)	
Owns refrigirator		0.463		0.604*	0.653*	0.437	
		(1.45)		(1.90)	(1.95)	(1.32)	
Owns truck				1.132	1.376*		
				(1.52)	(1.80)		
Frequency of milk tea consumption				0.368***	0.365***		
				(3.24)	(3.11)		
Frequency of ham consumption				0.399***	0.404***		
				(3.18)	(3.05)		
Frequency of internet usage				0.346*	0.491**		
				(1.70)	(2.31)		
Observations	385	379	375	371	372	375	385

Absolute value of z statistics in parentheses. * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.16: Logit Estimation; Dependant variable: Poverty status based on adult equivalent monthly food expense for core members

	Model 0B	Model 1B	Model 2B	Model 3B	Model 4B	Model 5B	Model 6B
Psuedo R square	0.225	0.276	0.281	0.308	0.326	0.302	0.213
Dwelling=Ger	-0.295	1.133*	1.299**	1.191*	1.295*	1.472**	
	(0.46)	(1.69)	(1.97)	(1.74)	(1.80)	(2.18)	
Dwelling=House (Baishin)	-0.56	0.927	1.089*	0.905	1.112	1.356**	-0.365
	(0.87)	(1.43)	(1.71)	(1.37)	(1.60)	(2.09)	(1.32)
Household size=2	-1.145						-1.258***
	(1.45)						(2.66)
Household size=3	-1.938**						-2.038***
	(2.25)						(4.00)
Household size=4	-0.437	2.355***	1.994***	2.436***	2.215***	2.311***	-0.529
	(0.54)	(4.58)	(3.92)	(4.49)	(4.21)	(4.42)	(1.59)
Household size=5	0.745	3.722***	3.136***	3.810***	3.547***	3.725***	0.558*
	(0.91)	(6.60)	(5.65)	(6.25)	(5.99)	(6.34)	(1.68)
Household size=6	0.082	3.355***	2.717***	3.371***	2.868***	3.234***	
	(0.10)	(5.50)	(4.53)	(5.18)	(4.61)	(5.13)	
Household size=7	0.395	4.274***	3.443***	4.177***	3.519***	4.089***	
	(0.41)	(5.82)	(4.72)	(5.34)	(4.69)	(5.40)	
Household size=8 or more	0.199	4.284***	2.975***	4.431***	3.468***	3.968***	
	(0.19)	(6.22)	(4.27)	(6.03)	(5.02)	(5.49)	
Working members with Secondary education	0.452*				0.711***	0.533***	0.384**
	(1.94)				(3.39)	(2.60)	(2.14)
Working members with Bachelor degree	0.697**				0.607**	0.441	0.577**
	(2.18)				(1.99)	(1.45)	(2.19)
Education of the household head=Vocational					0.618*		
					(1.77)		
Working age members who are unemployed	0.430**		0.399**				0.548***
	(1.96)		(2.19)				(3.60)
Working age members who are self-employed	-0.454*	-0.754***	-0.397*	-0.500**	-0.417*	-0.800***	-0.356*
	(1.69)	(3.39)	(1.80)	(2.08)	(1.80)	(3.41)	(1.86)
Working age members who are employed in public sector	-0.4	-0.789***	-0.552**	-0.802***	-0.742***	-0.861***	-0.368*
	(1.38)	(3.42)	(2.29)	(3.33)	(2.96)	(3.52)	(1.72)
Working age members who are employed in private companies	-0.198	-0.389*		-0.396*	-0.425*	-0.500**	
	(0.69)	(1.78)		(1.76)	(1.87)	(2.17)	
Household members who are retired	-0.034	-0.450*		-0.339		-0.409	
	(0.13)	(1.85)		(1.30)		(1.59)	
Single parent		0.796**	0.817**	0.767**	0.925***	0.826**	
		(2.38)	(2.41)	(2.21)	(2.62)	(2.39)	
Members without registration with the local administration		0.377**	0.391**	0.413**	0.435**	0.446**	
		(2.20)	(2.15)	(2.23)	(2.28)	(2.47)	
Share of elderly members		-3.142**	-3.217*	-2.766	-3.037	-2.772	
		(2.14)	(1.83)	(1.47)	(1.60)	(1.49)	
Share of school age members		1.938**	2.147**	1.710*	1.801**	2.107**	
		(2.29)	(2.49)	(1.91)	(2.01)	(2.39)	
Share of non adult members		-4.838***	-4.421***	-5.276***	-4.652***	-5.223***	
		(4.59)	(4.18)	(4.64)	(4.32)	(4.70)	
Migrated to UB within last 5 years		0.764**	0.806**	0.811**	0.810**	0.875**	
		(2.06)	(2.17)	(2.09)	(2.08)	(2.29)	
Members with income=2	-0.722	-0.484	-0.562*	-0.427	-0.496	-0.524*	-0.403
	(0.85)	(1.59)	(1.84)	(1.33)	(1.56)	(1.68)	(1.49)
Members with income=3	-0.943	-0.858**	-0.981**	-0.941**	-1.375***	-1.142**	-0.61
	(1.02)	(2.04)	(2.32)	(2.16)	(2.92)	(2.51)	(1.58)
Receives assistance from NGOs	0.523		0.900**	0.800**	0.666*	0.803**	0.472
	(0.89)		(2.51)	(2.15)	(1.82)	(2.25)	(1.51)
Has fence around the dwelling (and live in ger area)		-1.071*	-1.458**	-1.011	-1.157*	-1.371**	
		(1.83)	(2.37)	(1.59)	(1.86)	(2.21)	
Owns cellphone		-0.624**	-0.651**			-0.628*	
		(2.06)	(2.13)			(1.94)	
Owns refrigirator		0.434	0.468	0.824**	0.668**	0.574*	
		(1.32)	(1.43)	(2.32)	(1.97)	(1.67)	
Owns electric stove		-0.503*	-0.444			-0.426	
		(1.70)	(1.48)			(1.39)	
Owns truck				1.216	1.524*	1.108	
				(1.55)	(1.93)	(1.41)	
Owns the fence around the ger			2.323**	1.703		2.376*	
			(1.96)	(1.39)		(1.94)	
Owns the fence around the ger (and live in ger area)			-2.011*	-1.707		-2.238*	
			(1.72)	(1.41)		(1.84)	
Frequency of milk tea consumption				0.216*	0.267**		
				(1.81)	(2.29)		
Frequency of ham consumption				0.248*	0.376***		
				(1.81)	(2.79)		
Frequency of internet usage				0.362*	0.437**		
				(1.69)	(2.03)		
Frequency of phone usage				0.204*			
				(1.73)			
Observations	385	379	375	371	371	375	385

Absolute value of z statistics in parentheses. * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.17: Full Regression Results; Logit Estimation; Dependant variable: Poverty status based on per capita monthly income for all members

	Model 0B	Model 1B	Model 2B	Model 3B	Model 4B	Model 5B	Model 6B
Psuedo R square	0.419	0.5	0.5	0.501	0.569	0.564	0.41
Dwelling=Ger	-2.075**	-2.193*	-2.193*	-3.658**	-2.316	-2.316*	-1.394**
	(2.24)	(1.68)	(1.68)	(2.40)	(1.62)	(1.67)	(2.07)
Dwelling=House (Baishin) (Baishin)	-2.506***	-2.178*	-2.178*	-3.610**	-2.462*	-2.413*	-1.800***
	(2.69)	(1.70)	(1.70)	(2.35)	(1.71)	(1.73)	(2.69)
Dwelling=Apartment	-3.674***	-2.245**	-2.245**	-4.901***	-2.959**	-2.919**	-3.017***
	(3.69)	(1.97)	(1.97)	(3.10)	(1.99)	(2.02)	(3.98)
Household size=2	1.268	2.784**	2.784**	3.838**	5.016***	4.616***	
	(1.22)	(2.53)	(2.53)	(2.37)	(3.07)	(2.97)	
Household size=3	2.515**	4.775***	4.775***	5.042***	7.025***	6.724***	1.498**
	(2.21)	(3.87)	(3.87)	(3.12)	(3.92)	(3.88)	(2.27)
Household size=4	3.948***	6.315***	6.315***	5.818***	8.652***	8.332***	2.945***
	(3.49)	(4.86)	(4.86)	(3.45)	(4.48)	(4.46)	(4.67)
Household size=5	5.936***	8.144***	8.144***	7.968***	10.820***	10.486***	4.889***
	(4.84)	(5.74)	(5.74)	(4.43)	(5.22)	(5.23)	(6.42)
Household size=6	4.526***	7.289***	7.289***	6.846***	9.523***	9.296***	3.437***
	(3.73)	(4.99)	(4.99)	(3.76)	(4.54)	(4.54)	(4.61)
Household size=7	6.468***	9.321***	9.321***	7.845***	11.918***	11.677***	5.449***
	(4.95)	(5.88)	(5.88)	(4.13)	(5.30)	(5.33)	(6.22)
Household size=8 or more	7.122***	10.096***	10.096***	9.155***	12.385***	11.968***	6.078***
	(5.22)	(6.17)	(6.17)	(4.73)	(5.41)	(5.40)	(6.43)
Education of the household head=Lower Secondary		1.081**	1.081**		1.438**	1.330**	
		(2.08)	(2.08)		(2.50)	(2.34)	
Working age members who are employed in public sector				-1.171***			
				(3.79)			
Working age members who are employed in private companies				-1.428***			
				(4.77)			
Share of working age members		-1.425**	-1.425**		-2.722**	-2.700**	
		(1.97)	(1.97)		(2.30)	(2.32)	
Share of male members		1.734**	1.734**		2.043**	2.012**	
		(2.10)	(2.10)		(2.18)	(2.21)	
Share of school age members		2.260**	2.260**	2.943***	4.605***	4.503***	
		(2.33)	(2.33)	(2.98)	(3.06)	(3.04)	
Share of non adult members					-4.645**	-4.377**	
					(2.13)	(2.09)	
Share of elderly members				-3.122	-10.185**	-9.312**	
				(1.60)	(2.18)	(2.10)	
Members without registration with the local administration		0.872**	0.872**	0.730*	0.951**	0.920**	
		(2.50)	(2.50)	(1.71)	(2.17)	(2.38)	
Distance to drinking water				0.002***	0.001*	0.001*	
				(3.41)	(1.89)	(1.72)	
Members with income=2	-19.851***	-2.717***	-2.717***		-3.126***	-3.230***	-2.617***
	(30.43)	(4.95)	(4.95)		(4.60)	(4.86)	(5.39)
Members with income=3	-21.574***	-5.071***	-5.071***		-5.965***	-5.852***	-4.320***
	(33.88)	(6.56)	(6.56)		(5.95)	(6.06)	(7.02)
Members with income=4	-22.309	-5.100***	-5.100***		-6.458***	-6.194***	-5.082***
	(.)	(5.79)	(5.79)		(5.71)	(5.80)	(6.53)
Single elderly	-2.65						-3.540**
	(1.40)						(2.08)
No vulnurable members	-0.112				-2.334*	-2.097*	
	(0.21)				(1.77)	(1.67)	
Two vulnurable members	1.79			3.080*	5.662*	5.346*	2.038*
	(1.55)			(1.66)	(1.66)	(1.66)	(1.90)
Receives assistance from NGOs	1.841*			1.742***	1.647**	1.890**	1.980***
	(1.70)			(2.96)	(2.15)	(2.50)	(3.62)
Does not receive assistance	-0.209				-0.968*	-0.708	
	(0.17)				(1.80)	(1.37)	
Receives assistance from relatives	-0.167			0.978*			
	(0.15)			(1.94)			
Owns car		-1.254**	-1.254**				
		(2.03)	(2.03)				
Owns vehicle (car or truck)	-1.588***				-1.125*	-1.434**	-1.500***
	(3.12)				(1.65)	(2.24)	(3.07)
Owns cell phone		-1.586***	-1.586***	-1.321***	-1.704***	-1.547***	
		(3.46)	(3.46)	(2.95)	(3.40)	(3.24)	
Owns Color TV		-1.681***	-1.681***	-1.385**	-2.444***	-2.338***	
		(2.73)	(2.73)	(2.06)	(3.39)	(3.43)	
Owns video player		-0.716*	-0.716*				
		(1.71)	(1.71)				
Has land permit (and live in ger area)				-0.975*			
				(1.77)			
Owns refrigirator				-0.962*			
				(1.91)			
Owns electrric stove				0.773*			
				(1.78)			
Frequency of ham consumption				0.407**	0.394*		
				(2.42)	(1.81)		
Observations	385	388	388	372	372	376	385

Absolute value of z statistics in parentheses. * significant at 10%; ** significant at 5%; *** significant at 1%

Table A.5.18: Full Regression Results; Logit Estimation; Dependant variable: Poverty status based on per capita monthly income for core members

	Model 0B	Model 1B	Model 2B	Model 3B	Model 4B	Model 5B	Model 6B
Psuedo R square	0.404	0.478	0.529	0.479	0.547	0.529	0.395
Dwelling=Ger	-2.180**	-2.426**	-2.201*	-3.419***	-2.511*	-2.638*	-1.663**
	(2.36)	(2.16)	(1.90)	(2.62)	(1.77)	(1.81)	(2.35)
Dwelling=House (Baishin)	-2.557***	-2.313**	-2.406**	-2.917**	-2.426*	-2.778*	-2.000***
	(2.77)	(2.11)	(2.06)	(2.25)	(1.71)	(1.90)	(2.85)
Dwelling=Apartment	-3.565***	-3.637***	-3.481***	-3.858***	-3.185**	-3.289**	-3.067***
	(3.62)	(3.07)	(2.89)	(2.81)	(2.14)	(2.21)	(3.91)
Household size=2	1.044	2.388**	2.745**	2.994**	3.983***	4.045***	
	(0.99)	(2.18)	(2.31)	(1.99)	(2.59)	(2.65)	
Household size=3	2.261*	4.141***	4.228***	3.342**	5.778***	5.288***	1.471**
	(1.95)	(3.39)	(3.10)	(2.25)	(3.36)	(3.37)	(2.14)
Household size=4	3.613***	5.630***	5.911***	4.607***	7.232***	6.914***	2.804***
	(3.16)	(4.46)	(4.17)	(2.94)	(4.00)	(4.18)	(4.46)
Household size=5	5.406***	7.422***	7.913***	6.271***	9.505***	9.169***	4.553***
	(4.49)	(5.40)	(5.13)	(3.77)	(4.86)	(5.20)	(6.32)
Household size=6	4.185***	6.305***	6.322***	5.285***	8.060***	7.730***	3.344***
	(3.57)	(4.61)	(4.13)	(3.11)	(4.09)	(4.37)	(4.76)
Household size=7	5.710***	8.239***	8.706***	5.831***	10.364***	9.902***	4.864***
	(4.45)	(5.34)	(5.05)	(3.28)	(4.87)	(5.15)	(5.84)
Household size=8 or more	6.766***	9.241***	9.444***	7.545***	11.435***	10.434***	5.908***
	(5.05)	(5.81)	(5.31)	(3.98)	(5.21)	(5.37)	(6.55)
Education of the household head=Lower Secondary		1.338**	1.822***		1.704***	1.702***	
		(2.49)	(2.97)		(2.78)	(2.83)	
Education of the household head=Postgraduate		-3.189*	-3.435*	-2.826			
		(1.69)	(1.79)	(1.41)			
Working age members who are employed in public sector				-0.930***			
				(2.97)			
Working age members who are employed in private companies				-1.220***			
				(4.14)			
Working age members who are unemployed				0.381*			
				(1.71)			
Share of male members		1.325	2.017**		1.739*	1.925**	
		(1.60)	(2.25)		(1.91)	(2.12)	
Share of working age members		-1.053			-2.333**	-1.446*	
		(1.52)			(2.05)	(1.69)	
Share of school age members		1.499	1.588		2.906**		
		(1.60)	(1.56)		(1.99)		
Share of non adult members				3.219***	-3.021		
				(2.91)	(1.44)		
Share of elderly members			-5.486*		-9.517**	-6.596**	
			(1.66)		(2.10)	(2.09)	
Members without registration with the local administration		0.470**	0.489**	0.788**	0.876***	0.442*	
		(2.21)	(2.22)	(2.37)	(2.71)	(1.91)	
Distance to drinking water				0.002***	0.001	0.001	
				(3.32)	(1.60)	(1.52)	
Members with income=2	-19.946***	-2.555***	-3.007***		-2.811***	-2.692***	-2.476***
	(43.05)	(4.63)	(4.92)		(4.54)	(4.53)	(5.07)
Members with income=3	-21.668	-4.774***	-5.622***		-5.422***	-5.261***	-4.210***
	(.)	(6.57)	(6.56)		(5.84)	(6.30)	(7.01)
Members with income=4	-22.074***	-4.876***	-5.947***		-5.962***	-5.429***	-4.550***
	(38.02)	(5.65)	(5.94)		(5.72)	(5.80)	(6.27)
Single elderly	-2.616						-3.383*
	(1.37)						(1.95)
No vulnurable members	-0.13		-1.29		-2.602*	-1.523	
	(0.25)		(1.32)		(1.95)	(1.53)	
Two vulnurable members	1.51		4.163*		4.894	4.024*	1.787*
	(1.31)		(1.72)		(1.50)	(1.82)	(1.65)
Receives assistance from NGOs	1.559			1.412**			1.985***
	(1.51)			(2.48)			(3.66)
Receives assistance from other	-0.13		-1.773*		-1.738*	-1.513	
	(0.11)		(1.69)		(1.70)	(1.52)	
Does not receive assistance	-0.591		-2.727***		-2.507***	-2.361***	
	(0.51)		(3.62)		(3.47)	(3.41)	
Receives assistance from relatives	-0.44		-1.822**	0.829	-1.530*	-1.748**	
	(0.41)		(2.27)	(1.61)	(1.95)	(2.29)	
Owns cell phone		-1.526***	-1.397***	-1.569***	-1.499***	-1.411***	
		(3.48)	(3.01)	(3.40)	(3.07)	(3.02)	
Owns vehicle (car or truck)	-1.698***	-1.743*	-2.535**		-1.396**	-1.650***	-1.598***
	(3.48)	(1.82)	(2.46)		(2.21)	(2.75)	(3.40)
Owns Black & White TV		0.919*	1.106**				
		(1.88)	(2.02)				
Owns video player		-1.181***	-0.964**	-0.855*	-0.716	-1.078**	
		(2.94)	(2.25)	(1.91)	(1.49)	(2.34)	
Owns color TV				-0.991	-1.762***	-1.443**	
				(1.53)	(2.61)	(2.18)	
Has land permit			-1.269**			-1.006	
			(2.10)			(1.62)	
Frequency of ham consumption				0.375**			
				(2.31)			
Observations	385	388	384	372	372	375	385

Absolute value of z statistics in parentheses. * significant at 10%; ** significant at 5%; *** significant at 1%

Appendix 6: Full Tables and Graphs for Inclusion and Exclusion Errors Under Different Poverty Lines.

Table A.6.1: Comparison of Living Standard Based on PRR method and "True" Welfare
Food poverty line: 12472.1 MNT a month

		Living standard according to Poverty Risk Ratio method						
		Affordable	Average	Poor	Extremely poor	Total	Non poor	Poor
PC food expense for all members	Non-poor	9 *90.00%* 4.59%	125 *63.78%* 63.78%	62 *31.96%* 31.63%	0 *0.00%* 0.00%	196 *48.64%* 100.00%	134 *65.05%* 68.37%	62 ***31.47%*** 31.63%
	Poor	1 *10.00%* 0.48%	71 *36.22%* 34.30%	132 *68.04%* 63.77%	3 *100.00%* 1.45%	207 *51.36%* 100.00%	72 *34.95%* **34.78%**	135 *68.53%* 65.22%
	Total	10 *100%* 2.48%	196 *100%* 48.64%	194 *100%* 48.14%	3 *100%* 0.74%	403	206 *100%* 51.12%	197 *100%* 48.88%
PC food expense for core members	Non-poor	8 *88.89%* 4.42%	112 *59.26%* 61.88%	61 *30.20%* 33.70%	0 *0.00%* 0.00%	181 *44.91%* 100.00%	120 *60.61%* 66.30%	61 ***29.76%*** 33.70%
	Poor	1 *11.11%* 0.45%	77 *40.74%* 34.68%	141 *69.80%* 63.51%	3 *100.00%* 1.35%	222 *55.09%* 100.00%	78 *39.39%* **35.14%**	144 *70.24%* 64.86%
	Total	9 *100%* 2.23%	189 *100%* 46.90%	202 *100%* 50.12%	3 *100%* 0.74%	403	198 *100%* 49.13%	205 *100%* 50.87%
AE food expense for all members	Non-poor	9 *90.00%* 3.37%	154 *78.97%* 57.68%	103 *53.37%* 38.58%	1 *33.33%* 0.37%	267 *66.58%* 100.00%	163 *79.51%* 61.05%	104 ***53.06%*** 38.95%
	Poor	1 *10.00%* 0.75%	41 *21.03%* 30.60%	90 *46.63%* 67.16%	2 *66.67%* 1.49%	134 *33.42%* 100.00%	42 *20.49%* **31.34%**	92 *46.94%* 68.66%
	Total	10 *100%* 2.49%	195 *100%* 48.63%	193 *100%* 48.13%	3 *100%* 0.75%	401	205 *100%* 51.12%	196 *100%* 48.88%
AE food expense for core members	Non-poor	8 *88.89%* 3.11%	145 *77.13%* 56.42%	104 *51.74%* 40.47%	0 *0.00%* 0.00%	257 *64.09%* 100.00%	153 *77.66%* 59.53%	104 ***50.98%*** 40.47%
	Poor	1 *11.11%* 0.69%	43 *22.87%* 29.86%	97 *48.26%* 67.36%	3 *100.00%* 2.08%	144 *35.91%* 100.00%	44 *22.34%* **30.56%**	100 *49.02%* 69.44%
	Total	9 *100%* 2.24%	188 *100%* 46.88%	201 *100%* 50.12%	3 *100%* 0.75%	401	197 *100%* 49.13%	204 *100%* 50.87%

Notes: Food poverty line 12472.1 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT and share of food in total consumption 70%. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.6.2: Comparison of Living Standard Based on PRR Method and "True" Welfare

Food poverty line: 10690.4 MNT a month

		Living standard according to Poverty Risk Ratio method						
		Affordable	Average	Poor	Extremely poor	Total	Non poor	Poor
PC food expense for all members	Non-poor	9	134	75	0	218	143	75
		90.00%	*68.37%*	*38.66%*	*0.00%*	*54.09%*	*69.42%*	***38.07%***
		4.13%	61.47%	34.40%	0.00%	100.00%	65.60%	34.40%
	Poor	1	62	119	3	185	63	122
		10.00%	*31.63%*	*61.34%*	*100.00%*	*45.91%*	*30.58%*	*61.93%*
		0.54%	33.51%	64.32%	1.62%	100.00%	**34.05%**	65.95%
	Total	10	196	194	3	403	206	197
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.48%	48.64%	48.14%	0.74%		51.12%	48.88%
PC food expense for core members	Non-poor	8	124	77	0	209	132	77
		88.89%	*65.61%*	*38.12%*	*0.00%*	*51.86%*	*66.67%*	***37.56%***
		3.83%	59.33%	36.84%	0.00%	100.00%	63.16%	36.84%
	Poor	1	65	125	3	194	66	128
		11.11%	*34.39%*	*61.88%*	*100.00%*	*48.14%*	*33.33%*	*62.44%*
		0.52%	33.51%	64.43%	1.55%	100.00%	**34.02%**	65.98%
	Total	9	189	202	3	403	198	205
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.23%	46.90%	50.12%	0.74%		49.13%	50.87%
AE food expense for all members	Non-poor	9	168	120	2	299	177	122
		90.00%	*86.15%*	*62.18%*	*66.67%*	*74.56%*	*86.34%*	***62.24%***
		3.01%	56.19%	40.13%	0.67%	100.00%	59.20%	40.80%
	Poor	1	27	73	1	102	28	74
		10.00%	*13.85%*	*37.82%*	*33.33%*	*25.44%*	*13.66%*	*37.76%*
		0.98%	26.47%	71.57%	0.98%	100.00%	**27.45%**	72.55%
	Total	10	195	193	3	401	205	196
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.49%	48.63%	48.13%	0.75%		51.12%	48.88%
AE food expense for core members	Non-poor	8	158	124	2	292	166	126
		88.89%	*84.04%*	*61.69%*	*66.67%*	*72.82%*	*84.26%*	***61.76%***
		2.74%	54.11%	42.47%	0.68%	100.00%	56.85%	43.15%
	Poor	1	30	77	1	109	31	78
		11.11%	*15.96%*	*38.31%*	*33.33%*	*27.18%*	*15.74%*	*38.24%*
		0.92%	27.52%	70.64%	0.92%	100.00%	**28.44%**	71.56%
	Total	9	188	201	3	401	197	204
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.24%	46.88%	50.12%	0.75%		49.13%	50.87%

Note: Food poverty line 10690.4 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT and share of food in total consumption 60%. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.6.3: Comparison of Living Standard Based on PRR Method and "True" Welfare

Food poverty line: 8908.6 MNT a month

		Living standard according to Poverty Risk Ratio method						
		Affordable	Average	Poor	Extremely poor	Total	Non poor	Poor
PC food expense for all members	Non-poor	10	158	103	0	271	168	103
		100.00%	*80.61%*	*53.09%*	*0.00%*	*67.25%*	*81.55%*	***52.28%***
		3.69%	58.30%	38.01%	0.00%	100.00%	61.99%	38.01%
	Poor	0	38	91	3	132	38	94
		0.00%	*19.39%*	*46.91%*	*100.00%*	*32.75%*	*18.45%*	*47.72%*
		0.00%	28.79%	68.94%	2.27%	100.00%	**28.79%**	71.21%
	Total	10	196	194	3	403	206	197
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.48%	48.64%	48.14%	0.74%		51.12%	48.88%
PC food expense for core members	Non-poor	9	148	104	0	261	157	104
		100.00%	*78.31%*	*51.49%*	*0.00%*	*64.76%*	*79.29%*	***50.73%***
		3.45%	56.70%	39.85%	0.00%	100.00%	60.15%	39.85%
	Poor	0	41	98	3	142	41	101
		0.00%	*21.69%*	*48.51%*	*100.00%*	*35.24%*	*20.71%*	*49.27%*
		0.00%	28.87%	69.01%	2.11%	100.00%	**28.87%**	71.13%
	Total	9	189	202	3	403	198	205
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.23%	46.90%	50.12%	0.74%		49.13%	50.87%
AE food expense for all members	Non-poor	10	181	139	2	332	191	141
		100.00%	*92.82%*	*72.02%*	*66.67%*	*82.79%*	*93.17%*	***71.94%***
		3.01%	54.52%	41.87%	0.60%	100.00%	57.53%	42.47%
	Poor	0	14	54	1	69	14	55
		0.00%	*7.18%*	*27.98%*	*33.33%*	*17.21%*	*6.83%*	*28.06%*
		0.00%	20.29%	78.26%	1.45%	100.00%	**20.29%**	79.71%
	Total	10	195	193	3	401	205	196
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.49%	48.63%	48.13%	0.75%		51.12%	48.88%
AE food expense for core members	Non-poor	9	170	144	2	325	179	146
		100.00%	*90.43%*	*71.64%*	*66.67%*	*81.05%*	*90.86%*	***71.57%***
		2.77%	52.31%	44.31%	0.62%	100.00%	55.08%	44.92%
	Poor	0	18	57	1	76	18	58
		0.00%	*9.57%*	*28.36%*	*33.33%*	*18.95%*	*9.14%*	*28.43%*
		0.00%	23.68%	75.00%	1.32%	100.00%	**23.68%**	76.32%
	Total	9	188	201	3	401	197	204
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.24%	46.88%	50.12%	0.75%		49.13%	50.87%

Note: Food poverty line 8908.6 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT and share of food in total consumption 50%. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.6.4: Comparison of Living Standard Based on PRR Method and "True" Welfare

Poverty line: 17817 MNT a month

		Living standard according to Poverty Risk Ratio method						
		Affordable	Average	Poor	Extremely poor	Total	Non poor	Poor
PC income for all members	Non-poor	10	127	71	0	208	137	71
		100.00%	*65.13%*	*37.17%*	*0.00%*	*52.13%*	*66.83%*	***36.60%***
		4.81%	61.06%	34.13%	0.00%	100.00%	65.87%	34.13%
	Poor	0	68	120	3	191	68	123
		0.00%	*34.87%*	*62.83%*	*100.00%*	*47.87%*	*33.17%*	*63.40%*
		0.00%	35.60%	62.83%	1.57%	100.00%	**35.60%**	64.40%
	Total	10	195	191	3	399	205	194
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.51%	48.87%	47.87%	0.75%		51.38%	48.62%
PC income for all members	Non-poor	9	119	75	0	203	128	75
		100.00%	*63.30%*	*37.69%*	*0.00%*	*50.88%*	*64.97%*	***37.13%***
		4.43%	58.62%	36.95%	0.00%	100.00%	63.05%	36.95%
	Poor	0	69	124	3	196	69	127
		0.00%	*36.70%*	*62.31%*	*100.00%*	*49.12%*	*35.03%*	*62.87%*
		0.00%	35.20%	63.27%	1.53%	100.00%	**35.20%**	64.80%
	Total	9	188	199	3	399	197	202
		100%	*100%*	*100%*	*100%*		*100%*	*100%*
		2.26%	47.12%	49.87%	0.75%		49.37%	50.63%

Note: Poverty line 17817 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.6.5: Comparison of Poverty Status Based on Households' "True" Welfare and Child Money Receipt Status

Food poverty line: 12472.1 MNT a month

		All households			Households with 3 or more children			Households with 1 or more children		
		Receive Child Money?			Receive Child Money?			Receive Child Money?		
		NO	YES	Total	NO	YES	Total	NO	YES	Total
PC food expense for all members		179	17	196	20	16	36	122	17	139
	Non-poor	*57.56%*	***18.48%***	*48.64%*	*52.63%*	***17.98%***	*28.35%*	*53.04%*	***18.89%***	*43.44%*
		91.33%	8.67%	100.00%	55.56%	44.44%	100.00%	87.77%	12.23%	100.00%
		132	75	207	18	73	91	108	73	181
	Poor	*42.44%*	*81.52%*	*51.36%*	*47.37%*	*82.02%*	*71.65%*	*46.96%*	*81.11%*	*56.56%*
		63.77%	36.23%	100.00%	**19.78%**	80.22%	100.00%	**59.67%**	40.33%	100.00%
		311	92	403	38	89	127	230	90	320
	Total	*100%*	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.17%	22.83%		29.92%	70.08%		71.88%	28.13%	100.00%
PC food expense for core members		164	17	181	19	16	35	112	17	129
	Non-poor	*52.73%*	***18.48%***	*44.91%*	*50.00%*	***17.98%***	*27.56%*	*48.70%*	***18.89%***	*40.31%*
		90.61%	9.39%	100.00%	54.29%	45.71%	100.00%	86.82%	13.18%	100.00%
		147	75	222	19	73	92	118	73	191
	Poor	*47.27%*	*81.52%*	*55.09%*	*50.00%*	*82.02%*	*72.44%*	*51.30%*	*81.11%*	*59.69%*
		66.22%	33.78%	100.00%	**20.65%**	79.35%	100.00%	**61.78%**	38.22%	100.00%
		311	92	403	38	89	127	230	90	320
	Total	*100%*	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.17%	22.83%		29.92%	70.08%		71.88%	28.13%	
AE food expense for all members		220	47	267	28	46	74	163	47	210
	Non-poor	*70.97%*	***51.65%***	*66.58%*	*73.68%*	***51.69%***	*58.27%*	*70.87%*	***52.22%***	*65.63%*
		82.40%	17.60%	100.00%	37.84%	62.16%	100.00%	77.62%	22.38%	100.00%
		90	44	134	10	43	53	67	43	110
	Poor	*29.03%*	*48.35%*	*33.42%*	*26.32%*	*48.31%*	*41.73%*	*29.13%*	*47.78%*	*34.38%*
		67.16%	32.84%	100.00%	**18.87%**	81.13%	100.00%	**60.91%**	39.09%	100.00%
		310	91	401	38	89	127	230	90	320
	Total	*100%*	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.31%	22.69%		29.92%	70.08%		71.88%	28.13%	100.00%
AE food expense for core members		211	46	257	28	45	73	157	46	203
	Non-poor	*68.06%*	***50.55%***	*64.09%*	*73.68%*	***50.56%***	*57.48%*	*68.26%*	***51.11%***	*63.44%*
		82.10%	17.90%	100.00%	38.36%	61.64%	100.00%	77.34%	22.66%	100.00%
		99	45	144	10	44	54	73	44	117
	Poor	*31.94%*	*49.45%*	*35.91%*	*26.32%*	*49.44%*	*42.52%*	*31.74%*	*48.89%*	*36.56%*
		68.75%	31.25%	100.00%	**18.52%**	81.48%	100.00%	**62.39%**	37.61%	100.00%
		310	91	401	38	89	127	230	90	320
	Total	*100%*	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.31%	22.69%		29.92%	70.08%		71.88%	28.13%	

Note: Food poverty line 12472.1 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT and share of food in total consumption 70%. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.6.6: Comparison of Poverty Status Based on Households' "True" Welfare and Child Money Receipt Status

Food poverty line: 10690.4 MNT a month

		All households			Households with 3 or more children			Households with 1 or more children		
		Receive Child Money?			Receive Child Money?			Receive Child Money?		
		NO	YES	Total	NO	YES	Total	NO	YES	Total
PC food expense for all members	Non-poor	196	22	218	22	21	43	137	22	159
		63.02%	***23.91%***	*54.09%*	*57.89%*	***23.60%***	*33.86%*	*59.57%*	***24.44%***	*49.69%*
		89.91%	10.09%	100.00%	51.16%	48.84%	100.00%	86.16%	13.84%	100.00%
	Poor	115	70	185	16	68	84	93	68	161
		36.98%	*76.09%*	*45.91%*	*42.11%*	*76.40%*	*66.14%*	*40.43%*	*75.56%*	*50.31%*
		62.16%	37.84%	100.00%	**19.05%**	80.95%	100.00%	**57.76%**	42.24%	100.00%
	Total	311	92	403	38	89	127	230	90	320
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.17%	22.83%		29.92%	70.08%		71.88%	28.13%	
PC food expense for core members	Non-poor	187	22	209	22	21	43	131	22	153
		60.13%	***23.91%***	*51.86%*	*57.89%*	***23.60%***	*33.86%*	*56.96%*	***24.44%***	*47.81%*
		89.47%	10.53%	100.00%	51.16%	48.84%	100.00%	85.62%	14.38%	100.00%
	Poor	124	70	194	16	68	84	99	68	167
		39.87%	*76.09%*	*48.14%*	*42.11%*	*76.40%*	*66.14%*	*43.04%*	*75.56%*	*52.19%*
		63.92%	36.08%	100.00%	**19.05%**	80.95%	100.00%	**59.28%**	40.72%	100.00%
	Total	311	92	403	38	89	127	230	90	320
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.17%	22.83%		29.92%	70.08%		71.88%	28.13%	
AE food expense for all members	Non-poor	241	58	299	30	56	86	182	57	239
		77.74%	***63.74%***	*74.56%*	*78.95%*	***62.92%***	*67.72%*	*79.13%*	***63.33%***	*74.69%*
		80.60%	19.40%	100.00%	34.88%	65.12%	100.00%	76.15%	23.85%	100.00%
	Poor	69	33	102	8	33	41	48	33	81
		22.26%	*36.26%*	*25.44%*	*21.05%*	*37.08%*	*32.28%*	*20.87%*	*36.67%*	*25.31%*
		67.65%	32.35%	100.00%	**19.51%**	80.49%	100.00%	**59.26%**	40.74%	100.00%
	Total	310	91	401	38	89	127	230	90	320
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.31%	22.69%		29.92%	70.08%		71.88%	28.13%	
AE food expense for core members	Non-poor	235	57	292	30	55	85	178	56	234
		75.81%	***62.64%***	*72.82%*	*78.95%*	***61.80%***	*66.93%*	*77.39%*	***62.22%***	*73.13%*
		80.48%	19.52%	100.00%	35.29%	64.71%	100.00%	76.07%	23.93%	100.00%
	Poor	75	34	109	8	34	42	52	34	86
		24.19%	*37.36%*	*27.18%*	*21.05%*	*38.20%*	*33.07%*	*22.61%*	*37.78%*	*26.88%*
		68.81%	31.19%	100.00%	**19.05%**	80.95%	100.00%	**60.47%**	39.53%	100.00%
	Total	310	91	401	38	89	127	230	90	320
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.31%	22.69%		29.92%	70.08%		71.88%	28.13%	

Note: Food poverty line 10690.4 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT and share of food in total consumption 60%. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.6.7: Comparison of Poverty Status Based on Households' "True" Welfare and Child Money Receipt Status

Food poverty line: 8908.6 MNT a month

		All households			Households with 3 or more children			Households with 1 or more children		
		Receive Child Money?			Receive Child Money?			Receive Child Money?		
		NO	YES	Total	NO	YES	Total	NO	YES	Total
PC food expense for all members	Non-poor	232	39	271	25	38	63	166	39	205
		74.60%	***42.39%***	*67.25%*	*65.79%*	***42.70%***	*49.61%*	*72.17%*	***43.33%***	*64.06%*
		85.61%	14.39%	100.00%	39.68%	60.32%	100.00%	80.98%	19.02%	100.00%
	Poor	79	53	132	13	51	64	64	51	115
		25.40%	*57.61%*	*32.75%*	*34.21%*	*57.30%*	*50.39%*	*27.83%*	*56.67%*	*35.94%*
		59.85%	40.15%	100.00%	**20.31%**	79.69%	100.00%	**55.65%**	44.35%	100.00%
	Total	311	92	403	38	89	127	230	90	320
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.17%	22.83%		29.92%	70.08%		71.88%	28.13%	
PC food expense for core members	Non-poor	222	39	261	25	38	63	160	39	199
		71.38%	***42.39%***	*64.76%*	*65.79%*	***42.70%***	*49.61%*	*69.57%*	***43.33%***	*62.19%*
		85.06%	14.94%	100.00%	39.68%	60.32%	100.00%	80.40%	19.60%	100.00%
	Poor	89	53	142	13	51	64	70	51	121
		28.62%	*57.61%*	*35.24%*	*34.21%*	*57.30%*	*50.39%*	*30.43%*	*56.67%*	*37.81%*
		62.68%	37.32%	100.00%	**20.31%**	79.69%	100.00%	**57.85%**	42.15%	100.00%
	Total	311	92	403	38	89	127	230	90	320
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.17%	22.83%		29.92%	70.08%		71.88%	28.13%	
AE food expense for all members	Non-poor	264	68	332	32	66	98	198	67	265
		85.16%	***74.73%***	*82.79%*	*84.21%*	***74.16%***	*77.17%*	*86.09%*	***74.44%***	*82.81%*
		79.52%	20.48%	100.00%	32.65%	67.35%	100.00%	74.72%	25.28%	100.00%
	Poor	46	23	69	6	23	29	32	23	55
		14.84%	*25.27%*	*17.21%*	*15.79%*	*25.84%*	*22.83%*	*13.91%*	*25.56%*	*17.19%*
		66.67%	33.33%	100.00%	**20.69%**	79.31%	100.00%	**58.18%**	41.82%	100.00%
	Total	310	91	401	38	89	127	230	90	320
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.31%	22.69%		29.92%	70.08%		71.88%	28.13%	
AE food expense for core members	Non-poor	259	66	325	32	64	96	196	65	261
		83.55%	***72.53%***	*81.05%*	*84.21%*	***71.91%***	*75.59%*	*85.22%*	***72.22%***	*81.56%*
		79.69%	20.31%	100.00%	33.33%	66.67%	100.00%	75.10%	24.90%	100.00%
	Poor	51	25	76	6	25	31	34	25	59
		16.45%	*27.47%*	*18.95%*	*15.79%*	*28.09%*	*24.41%*	*14.78%*	*27.78%*	*18.44%*
		67.11%	32.89%	100.00%	**19.35%**	80.65%	100.00%	**57.63%**	42.37%	100.00%
	Total	310	91	401	38	89	127	230	90	320
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		77.31%	22.69%		29.92%	70.08%		71.88%	28.13%	

Note: Food poverty line 8908.6 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT and share of food in total consumption 50%. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.6.8: Comparison of Poverty Status Based on Households' "True" Welfare and Child Money Receipt Status

Poverty line: 17,817 MNT a month

		All households			Households with 3 or more children			Households with 1 or more children		
		Receive Child Money?			Receive Child Money?			Receive Child Money?		
		NO	YES	Total	NO	YES	Total	NO	YES	Total
PC income for all members	Non-poor	187	21	208	19	20	39	128	20	148
		61.11%	***22.58%***	*52.13%*	*50.00%*	***22.22%***	*30.47%*	*57.40%*	***21.98%***	*47.13%*
		89.90%	10.10%	100.00%	48.72%	51.28%	100.00%	86.49%	13.51%	100.00%
	Poor	119	72	191	19	70	89	95	71	166
		38.89%	*77.42%*	*47.87%*	*50.00%*	*77.78%*	*69.53%*	*42.60%*	*78.02%*	*52.87%*
		62.30%	37.70%	100.00%	**21.35%**	78.65%	100.00%	**57.23%**	42.77%	100.00%
	Total	306	93	399	38	90	128	223	91	314
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		76.69%	23.31%		29.69%	70.31%		71.02%	28.98%	
PC income for core members	Non-poor	183	20	203	19	19	38	127	19	146
		59.80%	***21.51%***	*50.88%*	*50.00%*	***21.11%***	*29.69%*	*56.95%*	***20.88%***	*46.50%*
		90.15%	9.85%	100.00%	50.00%	50.00%	100.00%	86.99%	13.01%	100.00%
	Poor	123	73	196	19	71	90	96	72	168
		40.20%	*78.49%*	*49.12%*	*50.00%*	*78.89%*	*70.31%*	*43.05%*	*79.12%*	*53.50%*
		62.76%	37.24%	100.00%	**21.11%**	78.89%	100.00%	**57.14%**	42.86%	100.00%
	Total	306	93	399	38	90	128	223	91	314
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		76.69%	23.31%		29.69%	70.31%		71.02%	28.98%	

Note: Poverty line 17,817 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.6.9: Inclusion Errors, Exclusion Errors, Undercoverage rates and Leakage rates under Alternative Tools. Food poverty line=12,472.1 MNT a month; Poverty line=17,817 MNT a month

		Model 0			Model 1			Model 2			Model 3			Model 4			Model 5			Model 6		
		Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total
PC food expense for all members	Non-poor	129	67	196	131	59	190	135	55	190	139	50	189	136	53	189	132	58	190	127	65	192
		76.33%	***28.63%***	*48.64%*	*75.29%*	***27.83%***	*49.22%*	*75.42%*	***26.57%***	*49.22%*	*77.22%*	***24.63%***	*49.35%*	*78.61%*	***25.24%***	*49.35%*	*75.00%*	***27.75%***	*49.35%*	*74.71%*	***29.82%***	*49.48%*
		65.82%	34.18%	100.00%	68.95%	31.05%	100.00%	71.05%	28.95%	100.00%	73.54%	26.46%	100.00%	71.96%	28.04%	100.00%	69.47%	30.53%	100.00%	66.15%	33.85%	100.00%
	Poor	40	167	207	43	153	196	44	152	196	41	153	194	37	157	194	44	151	195	43	153	196
		23.67%	*71.37%*	*51.36%*	*24.71%*	*72.17%*	*50.78%*	*24.58%*	*73.43%*	*50.78%*	*22.78%*	*75.37%*	*50.65%*	*21.39%*	*74.76%*	*50.65%*	*25.00%*	*72.25%*	*50.65%*	*25.29%*	*70.18%*	*50.52%*
		19.32%	80.68%	100.00%	**21.94%**	78.06%	100.00%	**22.45%**	77.55%	100.00%	**21.13%**	78.87%	100.00%	**19.07%**	80.93%	100.00%	**22.56%**	77.44%	100.00%	**21.94%**	78.06%	100.00%
	Total	169	234	403	174	212	386	179	207	386	180	203	383	173	210	383	176	209	385	170	218	388
		41.94%	58.06%	100.00%	45.08%	54.92%	100.00%	46.37%	53.63%	100.00%	47.00%	53.00%	100.00%	45.17%	54.83%	100.00%	45.71%	54.29%	100.00%	43.81%	56.19%	100.00%
PC food expense for core members	Non-poor	111	85	196	111	65	176	117	59	176	121	55	176	122	54	176	116	60	176	113	65	178
		77.08%	***32.82%***	*48.64%*	*75.00%*	***27.43%***	*45.71%*	*76.47%*	***25.43%***	*45.71%*	*75.63%*	***24.66%***	*45.95%*	*76.25%*	***24.22%***	*45.95%*	*74.84%*	***26.20%***	*45.83%*	*77.93%*	***26.75%***	*45.88%*
		56.63%	43.37%	100.00%	63.07%	36.93%	100.00%	66.48%	33.52%	100.00%	68.75%	31.25%	100.00%	69.32%	30.68%	100.00%	65.91%	34.09%	100.00%	63.48%	36.52%	100.00%
	Poor	33	174	207	37	172	209	36	173	209	39	168	207	38	169	207	39	169	208	32	178	210
		22.92%	*67.18%*	*51.36%*	*25.00%*	*72.57%*	*54.29%*	*23.53%*	*74.57%*	*54.29%*	*24.38%*	*75.34%*	*54.05%*	*23.75%*	*75.78%*	*54.05%*	*25.16%*	*73.80%*	*54.17%*	*22.07%*	*73.25%*	*54.12%*
		15.94%	84.06%	100.00%	**17.70%**	82.30%	100.00%	**17.22%**	82.78%	100.00%	**18.84%**	81.16%	100.00%	**18.36%**	81.64%	100.00%	**18.75%**	81.25%	100.00%	**15.24%**	84.76%	100.00%
	Total	144	259	403	148	237	385	153	232	385	160	223	383	160	223	383	155	229	384	145	243	388
		35.73%	64.27%	100.00%	38.44%	61.56%	100.00%	39.74%	60.26%	100.00%	41.78%	58.22%	100.00%	41.78%	58.22%	100.00%	40.36%	59.64%	100.00%	37.37%	62.63%	100.00%
AE food expense for core members	Non-poor	222	45	267	222	37	259	225	32	257	222	32	254	225	29	254	222	34	256	225	34	259
		79.00%	***37.50%***	*66.58%*	*79.29%*	***34.26%***	*66.75%*	*80.36%*	***30.19%***	*66.58%*	*81.92%*	***28.57%***	*66.32%*	*81.82%*	***26.85%***	*66.32%*	*79.29%*	***32.38%***	*66.49%*	*79.79%*	***32.08%***	*66.75%*
		83.15%	16.85%	100.00%	85.71%	14.29%	100.00%	87.55%	12.45%	100.00%	87.40%	12.60%	100.00%	88.58%	11.42%	100.00%	86.72%	13.28%	100.00%	86.87%	13.13%	100.00%
	Poor	59	75	134	58	71	129	55	74	129	49	80	129	50	79	129	58	71	129	57	72	129
		21.00%	*62.50%*	*33.42%*	*20.71%*	*65.74%*	*33.25%*	*19.64%*	*69.81%*	*33.42%*	*18.08%*	*71.43%*	*33.68%*	*18.18%*	*73.15%*	*33.68%*	*20.71%*	*67.62%*	*33.51%*	*20.21%*	*67.92%*	*33.25%*
		44.03%	55.97%	100.00%	**44.96%**	55.04%	100.00%	**42.64%**	57.36%	100.00%	**37.98%**	62.02%	100.00%	**38.76%**	61.24%	100.00%	**44.96%**	55.04%	100.00%	**44.19%**	55.81%	100.00%
	Total	281	120	401	280	108	388	280	106	386	271	112	383	275	108	383	280	105	385	282	106	388
		70.07%	29.93%	100.00%	72.16%	27.84%	100.00%	72.54%	27.46%	100.00%	70.76%	29.24%		71.80%	28.20%		72.73%	27.27%	100.00%	72.68%	27.32%	100.00%
AE food expense for core members	Non-poor	211	46	257	211	37	248	218	30	248	216	30	246	216	30	246	213	35	248	207	44	251
		77.57%	***35.66%***	*64.09%*	*79.92%*	***30.58%***	*64.42%*	*78.42%*	***28.04%***	*64.42%*	*81.51%*	***25.42%***	*64.23%*	*80.60%*	***26.09%***	*64.23%*	*80.08%*	***29.41%***	*64.42%*	*79.31%*	***34.65%***	*64.69%*
		82.10%	17.90%	100.00%	85.08%	14.92%	100.00%	87.90%	12.10%	100.00%	87.80%	12.20%	100.00%	87.80%	12.20%	100.00%	85.89%	14.11%	100.00%	82.47%	17.53%	100.00%
	Poor	61	83	144	53	84	137	60	77	137	49	88	137	52	85	137	53	84	137	54	83	137
		22.43%	*64.34%*	*35.91%*	*20.08%*	*69.42%*	*35.58%*	*21.58%*	*71.96%*	*35.58%*	*18.49%*	*74.58%*	*35.77%*	*19.40%*	*73.91%*	*35.77%*	*19.92%*	*70.59%*	*35.58%*	*20.69%*	*65.35%*	*35.31%*
		42.36%	57.64%	100.00%	**38.69%**	61.31%	100.00%	**43.80%**	56.20%	100.00%	**35.77%**	64.23%	100.00%	**37.96%**	62.04%	100.00%	**38.69%**	61.31%	100.00%	**39.42%**	60.58%	100.00%
	Total	272	129	401	264	121	385	278	107	385	265	118	383	268	115	383	266	119	385	261	127	388
		67.83%	32.17%	100.00%	68.57%	31.43%	100.00%	72.21%	27.79%		69.19%	30.81%		69.97%	30.03%		69.09%	30.91%	100.00%	67.27%	32.73%	100.00%
PC income for core members	Non-poor	181	27	208	174	26	200	172	28	200	177	23	200	176	24	200	174	28	202	173	29	202
		78.02%	***16.17%***	*52.13%*	*79.82%*	***15.76%***	*52.22%*	*79.63%*	***16.87%***	*52.36%*	*80.45%*	***14.38%***	*52.63%*	*80.73%*	***14.81%***	*52.63%*	*80.18%*	***16.47%***	*52.20%*	*77.58%*	***17.58%***	*52.06%*
		87.02%	12.98%	100.00%	87.00%	13.00%	100.00%	86.00%	14.00%	100.00%	88.50%	11.50%	100.00%	88.00%	12.00%	100.00%	86.14%	13.86%	100.00%	85.64%	14.36%	100.00%
	Poor	51	140	191	44	139	183	44	138	182	43	137	180	42	138	180	43	142	185	50	136	186
		21.98%	*83.83%*	*47.87%*	*20.18%*	*84.24%*	*47.78%*	*20.37%*	*83.13%*	*47.64%*	*19.55%*	*85.63%*	*47.37%*	*19.27%*	*85.19%*	*47.37%*	*19.82%*	*83.53%*	*47.80%*	*22.42%*	*82.42%*	*47.94%*
		26.70%	73.30%	100.00%	**24.04%**	75.96%	100.00%	**24.18%**	75.82%	100.00%	**23.89%**	76.11%	100.00%	**23.33%**	76.67%	100.00%	**23.24%**	76.76%	100.00%	**26.88%**	73.12%	100.00%
	Total	232	167	399	218	165	383	216	166	382	220	160	380	218	162	380	217	170	387	223	165	388
		58.15%	41.85%	100.00%	56.92%	43.08%	100.00%	56.54%	43.46%	100.00%	57.89%	42.11%	100.00%	57.37%	42.63%	100.00%	56.07%	43.93%	100.00%	57.47%	42.53%	100.00%
PC income for core members	Non-poor	175	28	203	167	28	195	167	28	195	171	23	194	171	23	194	171	26	197	170	27	197
		77.78%	***16.09%***	*50.88%*	*78.04%*	***16.57%***	*50.91%*	*78.77%*	***16.37%***	*50.91%*	*79.91%*	***13.77%***	*50.92%*	*81.43%*	***13.45%***	*50.92%*	*78.80%*	***15.29%***	*50.90%*	*77.63%*	***15.98%***	*50.77%*
		86.21%	13.79%	100.00%	85.64%	14.36%	100.00%	85.64%	14.36%	100.00%	88.14%	11.86%	100.00%	88.14%	11.86%	100.00%	86.80%	13.20%	100.00%	86.29%	13.71%	100.00%
	Poor	50	146	196	47	141	188	45	143	188	43	144	187	39	148	187	46	144	190	49	142	191
		22.22%	*83.91%*	*49.12%*	*21.96%*	*83.43%*	*49.09%*	*21.23%*	*83.63%*	*49.09%*	*20.09%*	*86.23%*	*49.08%*	*18.57%*	*86.55%*	*49.08%*	*21.20%*	*84.71%*	*49.10%*	*22.37%*	*84.02%*	*49.23%*
		25.51%	74.49%	100.00%	**25.00%**	75.00%	100.00%	**23.94%**	76.06%	100.00%	**22.99%**	77.01%	100.00%	**20.86%**	79.14%	100.00%	**24.21%**	75.79%	100.00%	**25.65%**	74.35%	100.00%
	Total	225	174	399	214	169	383	212	171	383	214	167	381	210	171	381	217	170	387	219	169	388
		56.39%	43.61%	100.00%	55.87%	44.13%	100.00%	55.35%	44.65%	100.00%	56.17%	43.83%	100.00%	55.12%	44.88%	100.00%	56.07%	43.93%	100.00%	56.44%	43.56%	100.00%

Notes: Food poverty line 12472.1 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT and share of food in total consumption 70%. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.6.10 Inclusion Errors, Exclusion Errors, Undercoverage rates and Leakage rates under Alternative Tools. Food poverty line=12,472.1 MNT a month; Poverty line=17,817 MNT a month

		Model 0A			Model 1A			Model 2A			Model 3A			Model 4A			Model 5A			Model 6A			Model 0B		
		Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total
PC food expense for all members		143	50	193	141	51	192	143	49	192	146	47	193	145	48	193	143	51	194	146	50	196	147	46	193
	Non-poor	*72.22%*	***24.75%***	*48.25%*	*73.44%*	***24.64%***	*48.12%*	*74.09%*	***23.79%***	*48.12%*	*75.26%*	***23.04%***	*48.49%*	*77.13%*	***22.75%***	*48.37%*	*76.88%*	***23.72%***	*48.38%*	*73.74%*	***24.39%***	*48.64%*	*72.77%*	***23.23%***	*48.25%*
		74.09%	25.91%	100.00%	73.44%	26.56%	100.00%	74.48%	25.52%	100.00%	75.65%	24.35%	100.00%	75.13%	24.87%	100.00%	73.71%	26.29%	100.00%	74.49%	25.51%	100.00%	76.17%	23.83%	100.00%
		55	152	207	51	156	207	50	157	207	48	157	205	43	163	206	43	164	207	52	155	207	55	152	207
	Poor	*27.78%*	*75.25%*	*51.75%*	*26.56%*	*75.36%*	*51.88%*	*25.91%*	*76.21%*	*51.88%*	*24.74%*	*76.96%*	*51.51%*	*22.87%*	*77.25%*	*51.63%*	*23.12%*	*76.28%*	*51.62%*	*26.26%*	*75.61%*	*51.36%*	*27.23%*	*76.77%*	*51.75%*
		26.57%	73.43%	100.00%	**24.64%**	75.36%	100.00%	**24.15%**	75.85%	100.00%	**23.41%**	76.59%	100.00%	**20.87%**	79.13%	100.00%	**20.77%**	79.23%	100.00%	**25.12%**	74.88%	100.00%	**26.57%**	73.43%	100.00%
		198	202	400	192	207	399	193	206	399	194	204	398	188	211	399	186	215	401	198	205	403	202	198	400
	Total	49.50%	50.50%	100.00%	48.12%	51.88%	100.00%	48.37%	51.63%	100.00%	48.74%	51.26%	100.00%	47.12%	52.88%	100.00%	46.38%	53.62%	100.00%	49.13%	50.87%	100.00%	50.50%	49.50%	100.00%
PC food expense for core members		119	74	193	124	55	179	123	56	179	123	56	179	128	51	179	128	51	179	117	64	181	121	72	193
	Non-poor	*72.56%*	***31.36%***	*48.25%*	*71.68%*	***24.23%***	*44.75%*	*74.10%*	***23.93%***	*44.75%*	*73.21%*	***24.14%***	*44.75%*	*75.29%*	***22.17%***	*44.75%*	*73.99%*	***22.47%***	*44.75%*	*71.78%*	***26.67%***	*44.91%*	*73.33%*	***30.64%***	*48.25%*
		61.66%	38.34%	100.00%	69.27%	30.73%	100.00%	68.72%	31.28%	100.00%	68.72%	31.28%	100.00%	71.51%	28.49%	100.00%	71.51%	28.49%	100.00%	64.64%	35.36%	100.00%	62.69%	37.31%	100.00%
		45	162	207	49	172	221	43	178	221	45	176	221	42	179	221	45	176	221	46	176	222	44	163	207
	Poor	*27.44%*	*68.64%*	*51.75%*	*28.32%*	*75.77%*	*55.25%*	*25.90%*	*76.07%*	*55.25%*	*26.79%*	*75.86%*	*55.25%*	*24.71%*	*77.83%*	*55.25%*	*26.01%*	*77.53%*	*55.25%*	*28.22%*	*73.33%*	*55.09%*	*26.67%*	*69.36%*	*51.75%*
		21.74%	78.26%	100.00%	**22.17%**	77.83%	100.00%	**19.46%**	80.54%	100.00%	**20.36%**	79.64%	100.00%	**19.00%**	81.00%	100.00%	**20.36%**	79.64%	100.00%	**20.72%**	79.28%	100.00%	**21.26%**	78.74%	100.00%
		164	236	400	173	227	400	166	234	400	168	232	400	170	230	400	173	227	400	163	240	403	165	235	400
	Total	41.00%	59.00%	100.00%	43.25%	56.75%	100.00%	41.50%	58.50%	100.00%	42.00%	58.00%	100.00%	42.50%	57.50%	100.00%	43.25%	56.75%	100.00%	40.45%	59.55%	100.00%	41.25%	58.75%	100.00%
AE food expense for core members		228	36	264	234	29	263	232	33	265	225	38	263	232	31	263	233	32	265	232	35	267	227	37	264
	Non-poor	*78.89%*	***33.03%***	*66.33%*	*80.97%*	***27.88%***	*66.92%*	*79.45%*	***31.13%***	*66.58%*	*80.94%*	***31.93%***	*66.25%*	*81.98%*	***27.19%***	*66.25%*	*81.18%*	***28.83%***	*66.58%*	*78.91%*	***32.71%***	*66.58%*	*78.55%*	***33.94%***	*66.33%*
		86.36%	13.64%	100.00%	88.97%	11.03%	100.00%	87.55%	12.45%	100.00%	85.55%	14.45%	100.00%	88.21%	11.79%	100.00%	87.92%	12.08%	100.00%	86.89%	13.11%	100.00%	85.98%	14.02%	100.00%
		61	73	134	55	75	130	60	73	133	53	81	134	51	83	134	54	79	133	62	72	134	62	72	134
	Poor	*21.11%*	*66.97%*	*33.67%*	*19.03%*	*72.12%*	*33.08%*	*20.55%*	*68.87%*	*33.42%*	*19.06%*	*68.07%*	*33.75%*	*18.02%*	*72.81%*	*33.75%*	*18.82%*	*71.17%*	*33.42%*	*21.09%*	*67.29%*	*33.42%*	*21.45%*	*66.06%*	*33.67%*
		45.52%	54.48%	100.00%	**42.31%**	57.69%	100.00%	**45.11%**	54.89%	100.00%	**39.55%**	60.45%	100.00%	**38.06%**	61.94%	100.00%	**40.60%**	59.40%	100.00%	**46.27%**	53.73%	100.00%	**46.27%**	53.73%	100.00%
		289	109	398	289	104	393	292	106	398	278	119	397	283	114	397	287	111	398	294	107	401	289	109	398
	Total	72.61%	27.39%	100.00%	73.54%	26.46%	100.00%	73.37%	26.63%	100.00%	70.03%	29.97%	100.00%	71.28%	28.72%	100.00%	72.11%	27.89%	100.00%	73.32%	26.68%	100.00%	72.61%	27.39%	100.00%
AE food expense for core members		213	41	254	218	36	254	217	37	254	222	30	252	222	30	252	221	33	254	212	45	257	214	40	254
	Non-poor	*79.18%*	***31.78%***	*63.82%*	*80.74%*	***28.13%***	*63.82%*	*80.37%*	***28.91%***	*63.82%*	*83.46%*	***23.26%***	*63.80%*	*81.92%*	***24.19%***	*63.80%*	*80.36%*	***26.83%***	*63.82%*	*78.52%*	***34.35%***	*64.09%*	*79.26%*	***31.25%***	*63.82%*
		83.86%	16.14%	100.00%	85.83%	14.17%	100.00%	85.43%	14.57%	100.00%	88.10%	11.90%	100.00%	88.10%	11.90%	100.00%	87.01%	12.99%	100.00%	82.49%	17.51%	100.00%	84.25%	15.75%	100.00%
		56	88	144	52	92	144	53	91	144	44	99	143	49	94	143	54	90	144	58	86	144	56	88	144
	Poor	*20.82%*	*68.22%*	*36.18%*	*19.26%*	*71.88%*	*36.18%*	*19.63%*	*71.09%*	*36.18%*	*16.54%*	*76.74%*	*36.20%*	*18.08%*	*75.81%*	*36.20%*	*19.64%*	*73.17%*	*36.18%*	*21.48%*	*65.65%*	*35.91%*	*20.74%*	*68.75%*	*36.18%*
		38.89%	61.11%	100.00%	**36.11%**	63.89%	100.00%	**36.81%**	63.19%	100.00%	**30.77%**	69.23%	100.00%	**34.27%**	65.73%	100.00%	**37.50%**	62.50%	100.00%	**40.28%**	59.72%	100.00%	**38.89%**	61.11%	100.00%
		269	129	398	270	128	398	270	128	398	266	129	395	271	124	395	275	123	398	270	131	401	270	128	398
	Total	67.59%	32.41%	100.00%	67.84%	32.16%	100.00%	67.84%	32.16%	100.00%	67.34%	32.66%	100.00%	68.61%	31.39%	100.00%	69.10%	30.90%	100.00%	67.33%	32.67%	100.00%	67.84%	32.16%	100.00%
PC income for core members		162	36	198	174	30	204	177	31	208	170	33	203	167	37	204	169	35	204	163	45	208	156	42	198
	Non-poor	*86.17%*	***18.18%***	*51.30%*	*90.16%*	***15.23%***	*52.31%*	*86.76%*	***16.06%***	*52.39%*	*88.08%*	***16.75%***	*52.05%*	*84.34%*	***19.27%***	*52.31%*	*84.50%*	***18.52%***	*52.44%*	*81.50%*	***22.61%***	*52.13%*	*80.83%*	***21.76%***	*51.30%*
		81.82%	18.18%	100.00%	85.29%	14.71%	100.00%	85.10%	14.90%	100.00%	83.74%	16.26%	100.00%	81.86%	18.14%	100.00%	82.84%	17.16%	100.00%	78.37%	21.63%	100.00%	78.79%	21.21%	100.00%
		26	162	188	19	167	186	27	162	189	23	164	187	31	155	186	31	154	185	37	154	191	37	151	188
	Poor	*13.83%*	*81.82%*	*48.70%*	*9.84%*	*84.77%*	*47.69%*	*13.24%*	*83.94%*	*47.61%*	*11.92%*	*83.25%*	*47.95%*	*15.66%*	*80.73%*	*47.69%*	*15.50%*	*81.48%*	*47.56%*	*18.50%*	*77.39%*	*47.87%*	*19.17%*	*78.24%*	*48.70%*
		13.83%	86.17%	100.00%	**10.22%**	89.78%	100.00%	**14.29%**	85.71%	100.00%	**12.30%**	87.70%	100.00%	**16.67%**	83.33%	100.00%	**16.76%**	83.24%	100.00%	**19.37%**	80.63%	100.00%	**19.68%**	80.32%	100.00%
		188	198	386	193	197	390	204	193	397	193	197	390	198	192	390	200	189	389	200	199	399	193	193	386
	Total	48.70%	51.30%	100.00%	49.49%	50.51%	100.00%	51.39%	48.61%	100.00%	49.49%	50.51%	100.00%	50.77%	49.23%	100.00%	51.41%	48.59%	100.00%	50.13%	49.87%	100.00%	50.00%	50.00%	100.00%
PCincome for core members		147	46	193	171	32	203	170	33	203	165	38	203	162	40	202	165	38	203	153	50	203	148	45	193
	Non-poor	*81.22%*	***22.44%***	*50.00%*	*87.24%*	***15.84%***	*51.01%*	*89.01%*	***16.02%***	*51.13%*	*82.91%*	***19.00%***	*50.88%*	*83.08%*	***19.90%***	*51.01%*	*84.18%*	***18.81%***	*51.01%*	*80.95%*	***23.81%***	*50.88%*	*82.68%*	***21.74%***	*50.00%*
		76.17%	23.83%	100.00%	84.24%	15.76%	100.00%	83.74%	16.26%	100.00%	81.28%	18.72%	100.00%	80.20%	19.80%	100.00%	81.28%	18.72%	100.00%	75.37%	24.63%	100.00%	76.68%	23.32%	100.00%
		34	159	193	25	170	195	21	173	194	34	162	196	33	161	194	31	164	195	36	160	196	31	162	193
	Poor	*18.78%*	*77.56%*	*50.00%*	*12.76%*	*84.16%*	*48.99%*	*10.99%*	*83.98%*	*48.87%*	*17.09%*	*81.00%*	*49.12%*	*16.92%*	*80.10%*	*48.99%*	*15.82%*	*81.19%*	*48.99%*	*19.05%*	*76.19%*	*49.12%*	*17.32%*	*78.26%*	*50.00%*
		17.62%	82.38%	100.00%	**12.82%**	87.18%	100.00%	**10.82%**	89.18%	100.00%	**17.35%**	82.65%	100.00%	**17.01%**	82.99%	100.00%	**15.90%**	84.10%	100.00%	**18.37%**	81.63%	100.00%	**16.06%**	83.94%	100.00%
		181	205	386	196	202	398	191	206	397	199	200	399	195	201	396	196	202	398	189	210	399	179	207	386
	Total	46.89%	53.11%	100.00%	49.25%	50.75%	100.00%	48.11%	51.89%	100.00%	49.87%	50.13%	100.00%	49.24%	50.76%	100.00%	49.25%	50.75%	100.00%	47.37%	52.63%	100.00%	46.37%	53.63%	100.00%

Notes: Food poverty line 12472.1 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT and share of food in total consumption 70%. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.6.11 Inclusion Errors, Exclusion Errors, Undercoverage rates and Leakage rates under Alternative Tools. Food poverty line=10690.4 MNT a month

		Model 0			Model 1			Model 2			Model 3			Model 4			Model 5			Model 6		
		Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total
PC food expense for all members	Non-poor	165	53	218	168	42	210	175	35	210	167	41	208	170	38	208	173	37	210	161	51	212
		70.51%	***31.36%***	*54.09%*	*74.34%*	***26.25%***	*54.40%*	*75.43%*	***22.73%***	*54.40%*	*75.91%*	***25.15%***	*54.31%*	*75.89%*	***23.90%***	*54.31%*	*75.55%*	***23.72%***	*54.55%*	*71.56%*	***31.29%***	*54.64%*
		75.69%	24.31%	100.00%	80.00%	20.00%	100.00%	83.33%	16.67%	100.00%	80.29%	19.71%	100.00%	81.73%	18.27%	100.00%	82.38%	17.62%	100.00%	75.94%	24.06%	100.00%
	Poor	69	116	185	58	118	176	57	119	176	53	122	175	54	121	175	56	119	175	64	112	176
		29.49%	*68.64%*	*45.91%*	*25.66%*	*73.75%*	*45.60%*	*24.57%*	*77.27%*	*45.60%*	*24.09%*	*74.85%*	*45.69%*	*24.11%*	*76.10%*	*45.69%*	*24.45%*	*76.28%*	*45.45%*	*28.44%*	*68.71%*	*45.36%*
		37.30%	62.70%	100.00%	**32.95%**	67.05%	100.00%	**32.39%**	67.61%	100.00%	**30.29%**	69.71%	100.00%	**30.86%**	69.14%	100.00%	**32.00%**	68.00%	100.00%	**36.36%**	63.64%	100.00%
	Total	234	169	403	226	160	386	232	154	386	220	163	383	224	159	383	229	156	385	225	163	388
		58.06%	41.94%	100.00%	58.55%	41.45%	100.00%	60.10%	39.90%	100.00%	57.44%	42.56%	100.00%	58.49%	41.51%	100.00%	59.48%	40.52%	100.00%	57.99%	42.01%	100.00%
PC food expense for core members	Non-poor	158	60	218	154	48	202	160	42	202	155	45	200	163	37	200	163	39	202	154	50	204
		72.48%	***32.43%***	*54.09%*	*75.49%*	***26.52%***	*52.47%*	*75.83%*	***24.14%***	*52.47%*	*74.52%*	***25.71%***	*52.22%*	*75.81%*	***22.02%***	*52.22%*	*76.89%*	***22.67%***	*52.60%*	*71.96%*	***28.74%***	*52.58%*
		72.48%	27.52%	100.00%	76.24%	23.76%	100.00%	79.21%	20.79%	100.00%	77.50%	22.50%	100.00%	81.50%	18.50%	100.00%	80.69%	19.31%	100.00%	75.49%	24.51%	100.00%
	Poor	60	125	185	50	133	183	51	132	183	53	130	183	52	131	183	49	133	182	60	124	184
		27.52%	*67.57%*	*45.91%*	*24.51%*	*73.48%*	*47.53%*	*24.17%*	*75.86%*	*47.53%*	*25.48%*	*74.29%*	*47.78%*	*24.19%*	*77.98%*	*47.78%*	*23.11%*	*77.33%*	*47.40%*	*28.04%*	*71.26%*	*47.42%*
		32.43%	67.57%	100.00%	**27.32%**	72.68%	100.00%	**27.87%**	72.13%	100.00%	**28.96%**	71.04%	100.00%	**28.42%**	71.58%	100.00%	**26.92%**	73.08%	100.00%	**32.61%**	67.39%	100.00%
	Total	218	185	403	204	181	385	211	174	385	208	175	383	215	168	383	212	172	384	214	174	388
		54.09%	45.91%	100.00%	52.99%	47.01%	100.00%	54.81%	45.19%	100.00%	54.31%	45.69%	100.00%	56.14%	43.86%	100.00%	55.21%	44.79%	100.00%	55.15%	44.85%	100.00%
AE food expense for core members	Non-poor	278	21	299	278	13	291	271	18	289	270	16	286	271	15	286	271	17	288	278	13	291
		82.01%	***33.87%***	*74.56%*	*82.49%*	***25.49%***	*75.00%*	*82.62%*	***31.03%***	*74.87%*	*83.85%*	***26.23%***	*74.67%*	*83.64%*	***25.42%***	*74.67%*	*83.38%*	***28.33%***	*74.81%*	*79.89%*	***32.50%***	*75.00%*
		92.98%	7.02%	100.00%	95.53%	4.47%	100.00%	93.77%	6.23%	100.00%	94.41%	5.59%	100.00%	94.76%	5.24%	100.00%	94.10%	5.90%	100.00%	95.53%	4.47%	100.00%
	Poor	61	41	102	59	38	97	57	40	97	52	45	97	53	44	97	54	43	97	70	27	97
		17.99%	*66.13%*	*25.44%*	*17.51%*	*74.51%*	*25.00%*	*17.38%*	*68.97%*	*25.13%*	*16.15%*	*73.77%*	*25.33%*	*16.36%*	*74.58%*	*25.33%*	*16.62%*	*71.67%*	*25.19%*	*20.11%*	*67.50%*	*25.00%*
		59.80%	40.20%	100.00%	**60.82%**	39.18%	100.00%	**58.76%**	41.24%	100.00%	**53.61%**	46.39%	100.00%	**54.64%**	45.36%	100.00%	**55.67%**	44.33%	100.00%	**72.16%**	27.84%	100.00%
	Total	339	62	401	337	51	388	328	58	386	322	61	383	324	59	383	325	60	385	348	40	388
		84.54%	15.46%	100.00%	86.86%	13.14%	100.00%	84.97%	15.03%	100.00%	84.07%	15.93%		84.60%	15.40%		84.42%	15.58%	100.00%	89.69%	10.31%	100.00%
AE food expense for core members	Non-poor	267	25	292	259	23	282	263	19	282	260	20	280	260	20	280	261	21	282	262	23	285
		81.65%	***33.78%***	*72.82%*	*82.75%*	***31.94%***	*73.25%*	*82.97%*	***27.94%***	*73.25%*	*83.87%*	***27.40%***	*73.11%*	*83.87%*	***27.40%***	*73.11%*	*81.82%*	***31.82%***	*73.25%*	*79.39%*	***39.66%***	*73.45%*
		91.44%	8.56%	100.00%	91.84%	8.16%	100.00%	93.26%	6.74%	100.00%	92.86%	7.14%	100.00%	92.86%	7.14%	100.00%	92.55%	7.45%	100.00%	91.93%	8.07%	100.00%
	Poor	60	49	109	54	49	103	54	49	103	50	53	103	50	53	103	58	45	103	68	35	103
		18.35%	*66.22%*	*27.18%*	*17.25%*	*68.06%*	*26.75%*	*17.03%*	*72.06%*	*26.75%*	*16.13%*	*72.60%*	*26.89%*	*16.13%*	*72.60%*	*26.89%*	*18.18%*	*68.18%*	*26.75%*	*20.61%*	*60.34%*	*26.55%*
		55.05%	44.95%	100.00%	**52.43%**	47.57%	100.00%	**52.43%**	47.57%	100.00%	**48.54%**	51.46%	100.00%	**48.54%**	51.46%	100.00%	**56.31%**	43.69%	100.00%	**66.02%**	33.98%	100.00%
	Total	327	74	401	313	72	385	317	68	385	310	73	383	310	73	383	319	66	385	330	58	388
		81.55%	18.45%	100.00%	81.30%	18.70%	100.00%	82.34%	17.66%		80.94%	19.06%		80.94%	19.06%		82.86%	17.14%	100.00%	85.05%	14.95%	100.00%

Note: Food poverty line 10690.4 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT and share of food in total consumption 60%. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.6.12 Inclusion Errors, Exclusion Errors, Undercoverage rates and Leakage rates under Alternative Tools. Food poverty line=10690.4 MNT a month

		Model 0A			Model 1A			Model 2A			Model 3A			Model 4A			Model 5A			Model 6A			Model 0B		
		Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total
PC food expense for all members	Non-poor	171	44	215	169	47	216	171	45	216	173	41	214	173	41	214	170	46	216	170	48	218	170	45	215
		72.15%	***26.99%***	*53.75%*	*72.53%*	***27.98%***	*53.87%*	*74.35%*	***26.32%***	*53.87%*	*75.88%*	***24.12%***	*53.77%*	*76.89%*	***23.56%***	*53.63%*	*75.56%*	***26.14%***	*53.87%*	*72.65%*	***28.40%***	*54.09%*	*72.65%*	***27.11%***	*53.75%*
		79.53%	20.47%	100.00%	78.24%	21.76%	100.00%	79.17%	20.83%	100.00%	80.84%	19.16%	100.00%	80.84%	19.16%	100.00%	78.70%	21.30%	100.00%	77.98%	22.02%	100.00%	79.07%	20.93%	100.00%
	Poor	66	119	185	64	121	185	59	126	185	55	129	184	52	133	185	55	130	185	64	121	185	64	121	185
		27.85%	*73.01%*	*46.25%*	*27.47%*	*72.02%*	*46.13%*	*25.65%*	*73.68%*	*46.13%*	*24.12%*	*75.88%*	*46.23%*	*23.11%*	*76.44%*	*46.37%*	*24.44%*	*73.86%*	*46.13%*	*27.35%*	*71.60%*	*45.91%*	*27.35%*	*72.89%*	*46.25%*
		35.68%	64.32%	100.00%	**34.59%**	65.41%	100.00%	**31.89%**	68.11%	100.00%	**29.89%**	70.11%	100.00%	**28.11%**	71.89%	100.00%	**29.73%**	70.27%	100.00%	**34.59%**	65.41%	100.00%	**34.59%**	65.41%	100.00%
	Total	237	163	400	233	168	401	230	171	401	228	170	398	225	174	399	225	176	401	234	169	403	234	166	400
		59.25%	40.75%	100.00%	58.10%	41.90%	100.00%	57.36%	42.64%	100.00%	57.29%	42.71%	100.00%	56.39%	43.61%	100.00%	56.11%	43.89%	100.00%	58.06%	41.94%	100.00%	58.50%	41.50%	100.00%
PC food expense for core members	Non-poor	155	60	215	152	55	207	153	54	207	157	50	207	159	46	205	154	53	207	156	53	209	155	60	215
		71.43%	***32.79%***	*53.75%*	*75.25%*	***27.64%***	*51.62%*	*74.63%*	***27.55%***	*51.62%*	*74.41%*	***26.46%***	*51.75%*	*74.65%*	***24.73%***	*51.38%*	*74.76%*	***27.18%***	*51.62%*	*72.56%*	***28.19%***	*51.86%*	*71.76%*	***32.61%***	*53.75%*
		72.09%	27.91%	100.00%	73.43%	26.57%	100.00%	73.91%	26.09%	100.00%	75.85%	24.15%	100.00%	77.56%	22.44%	100.00%	74.40%	25.60%	100.00%	74.64%	25.36%	100.00%	72.09%	27.91%	100.00%
	Poor	62	123	185	50	144	194	52	142	194	54	139	193	54	140	194	52	142	194	59	135	194	61	124	185
		28.57%	*67.21%*	*46.25%*	*24.75%*	*72.36%*	*48.38%*	*25.37%*	*72.45%*	*48.38%*	*25.59%*	*73.54%*	*48.25%*	*25.35%*	*75.27%*	*48.62%*	*25.24%*	*72.82%*	*48.38%*	*27.44%*	*71.81%*	*48.14%*	*28.24%*	*67.39%*	*46.25%*
		33.51%	66.49%	100.00%	**25.77%**	74.23%	100.00%	**26.80%**	73.20%	100.00%	**27.98%**	72.02%	100.00%	**27.84%**	72.16%	100.00%	**26.80%**	73.20%	100.00%	**30.41%**	69.59%	100.00%	**32.97%**	67.03%	100.00%
	Total	217	183	400	202	199	401	205	196	401	211	189	400	213	186	399	206	195	401	215	188	403	216	184	400
		54.25%	45.75%	100.00%	50.37%	49.63%	100.00%	51.12%	48.88%	100.00%	52.75%	47.25%	100.00%	53.38%	46.62%	100.00%	51.37%	48.63%	100.00%	53.35%	46.65%	100.00%	54.00%	46.00%	100.00%
AE food expense for core members	Non-poor	269	20	289	279	20	299	279	20	299	276	21	297	278	19	297	280	19	299	272	27	299	267	22	289
		82.52%	***30.77%***	*73.91%*	*86.11%*	***25.97%***	*74.56%*	*85.06%*	***27.78%***	*74.75%*	*85.98%*	***26.92%***	*74.44%*	*86.07%*	***25.00%***	*74.44%*	*84.85%*	***27.14%***	*74.75%*	*84.21%*	***34.62%***	*74.56%*	*82.92%*	***31.88%***	*73.91%*
		93.08%	6.92%	100.00%	93.31%	6.69%	100.00%	93.31%	6.69%	100.00%	92.93%	7.07%	100.00%	93.60%	6.40%	100.00%	93.65%	6.35%	100.00%	90.97%	9.03%	100.00%	92.39%	7.61%	100.00%
	Poor	57	45	102	45	57	102	49	52	101	45	57	102	45	57	102	50	51	101	51	51	102	55	47	102
		17.48%	*69.23%*	*26.09%*	*13.89%*	*74.03%*	*25.44%*	*14.94%*	*72.22%*	*25.25%*	*14.02%*	*73.08%*	*25.56%*	*13.93%*	*75.00%*	*25.56%*	*15.15%*	*72.86%*	*25.25%*	*15.79%*	*65.38%*	*25.44%*	*17.08%*	*68.12%*	*26.09%*
		55.88%	44.12%	100.00%	**44.12%**	55.88%	100.00%	**48.51%**	51.49%	100.00%	**44.12%**	55.88%	100.00%	**44.12%**	55.88%	100.00%	**49.50%**	50.50%	100.00%	**50.00%**	50.00%	100.00%	**53.92%**	46.08%	100.00%
	Total	326	65	391	324	77	401	328	72	400	321	78	399	323	76	399	330	70	400	323	78	401	322	69	391
		83.38%	16.62%	100.00%	80.80%	19.20%	100.00%	82.00%	18.00%	100.00%	80.45%	19.55%	100.00%	80.95%	19.05%	100.00%	82.50%	17.50%	100.00%	80.55%	19.45%	100.00%	82.35%	17.65%	100.00%
AE food expense for core members	Non-poor	252	30	282	270	22	292	272	20	292	264	23	287	263	24	287	268	24	292	272	20	292	252	30	282
		82.08%	***35.71%***	*72.12%*	*84.11%*	***27.50%***	*72.82%*	*83.44%*	***26.67%***	*72.82%*	*85.44%*	***26.44%***	*72.47%*	*85.39%*	***27.27%***	*72.47%*	*83.75%*	***29.63%***	*72.82%*	*80.47%*	***31.75%***	*72.82%*	*82.35%*	***35.29%***	*72.12%*
		89.36%	10.64%	100.00%	92.47%	7.53%	100.00%	93.15%	6.85%	100.00%	91.99%	8.01%	100.00%	91.64%	8.36%	100.00%	91.78%	8.22%	100.00%	93.15%	6.85%	100.00%	89.36%	10.64%	100.00%
	Poor	55	54	109	51	58	109	54	55	109	45	64	109	45	64	109	52	57	109	66	43	109	54	55	109
		17.92%	*64.29%*	*27.88%*	*15.89%*	*72.50%*	*27.18%*	*16.56%*	*73.33%*	*27.18%*	*14.56%*	*73.56%*	*27.53%*	*14.61%*	*72.73%*	*27.53%*	*16.25%*	*70.37%*	*27.18%*	*19.53%*	*68.25%*	*27.18%*	*17.65%*	*64.71%*	*27.88%*
		50.46%	49.54%	100.00%	**46.79%**	53.21%	100.00%	**49.54%**	50.46%	100.00%	**41.28%**	58.72%	100.00%	**41.28%**	58.72%	100.00%	**47.71%**	52.29%	100.00%	**60.55%**	39.45%	100.00%	**49.54%**	50.46%	100.00%
	Total	307	84	391	321	80	401	326	75	401	309	87	396	308	88	396	320	81	401	338	63	401	306	85	391
		78.52%	21.48%	100.00%	80.05%	19.95%	100.00%	81.30%	18.70%	100.00%	78.03%	21.97%	100.00%	77.78%	22.22%	100.00%	79.80%	20.20%	100.00%	84.29%	15.71%	100.00%	78.26%	21.74%	100.00%

Note: Food poverty line 10690.4 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT and share of food in total consumption 60%. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.6.13: Inclusion Errors, Exclusion Errors, Undercoverage rates and Leakage rates under Alternative Tools. Food poverty line=8,908.6 MNT a month

		Model 0			Model 1			Model 2			Model 3			Model 4			Model 5			Model 6		
		Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total
PC food expense for all members	Non-poor	238	33	271	235	25	260	231	29	260	231	26	257	230	27	257	236	24	260	231	31	262
		79.87%	***31.43%***	*67.25%*	*81.60%*	***25.51%***	*67.36%*	*81.63%*	***28.16%***	*67.36%*	*82.21%*	***25.49%***	*67.10%*	*82.14%*	***26.21%***	*67.10%*	*82.23%*	***24.49%***	*67.53%*	*79.11%*	***32.29%***	*67.53%*
		87.82%	12.18%	100.00%	90.38%	9.62%	100.00%	88.85%	11.15%	100.00%	89.88%	10.12%	100.00%	89.49%	10.51%	100.00%	90.77%	9.23%	100.00%	88.17%	11.83%	100.00%
	Poor	60	72	132	53	73	126	52	74	126	50	76	126	50	76	126	51	74	125	61	65	126
		20.13%	*68.57%*	*32.75%*	*18.40%*	*74.49%*	*32.64%*	*18.37%*	*71.84%*	*32.64%*	*17.79%*	*74.51%*	*32.90%*	*17.86%*	*73.79%*	*32.90%*	*17.77%*	*75.51%*	*32.47%*	*20.89%*	*67.71%*	*32.47%*
		45.45%	54.55%	100.00%	**42.06%**	57.94%	100.00%	**41.27%**	58.73%	100.00%	**39.68%**	60.32%	100.00%	**39.68%**	60.32%	100.00%	**40.80%**	59.20%	100.00%	**48.41%**	51.59%	100.00%
	Total	298	105	403	288	98	386	283	103	386	281	102	383	280	103	383	287	98	385	292	96	388
		73.95%	26.05%	100.00%	74.61%	25.39%	100.00%	73.32%	26.68%	100.00%	73.37%	26.63%	100.00%	73.11%	26.89%	100.00%	74.55%	25.45%	100.00%	75.26%	24.74%	100.00%
PC food expense for core members	Non-poor	228	43	271	222	29	251	223	28	251	221	28	249	220	29	249	222	29	251	220	34	254
		80.85%	***35.54%***	*67.25%*	*81.02%*	***26.13%***	*65.19%*	*81.39%*	***25.23%***	*65.19%*	*82.46%*	***24.35%***	*65.01%*	*82.71%*	***24.79%***	*65.01%*	*82.22%*	***25.44%***	*65.36%*	*78.29%*	***31.78%***	*65.46%*
		84.13%	15.87%	100.00%	88.45%	11.55%	100.00%	88.84%	11.16%	100.00%	88.76%	11.24%	100.00%	88.35%	11.65%	100.00%	88.45%	11.55%	100.00%	86.61%	13.39%	100.00%
	Poor	54	78	132	52	82	134	51	83	134	47	87	134	46	88	134	48	85	133	61	73	134
		19.15%	*64.46%*	*32.75%*	*18.98%*	*73.87%*	*34.81%*	*18.61%*	*74.77%*	*34.81%*	*17.54%*	*75.65%*	*34.99%*	*17.29%*	*75.21%*	*34.99%*	*17.78%*	*74.56%*	*34.64%*	*21.71%*	*68.22%*	*34.54%*
		40.91%	59.09%	100.00%	**38.81%**	61.19%	100.00%	**38.06%**	61.94%	100.00%	**35.07%**	64.93%	100.00%	**34.33%**	65.67%	100.00%	**36.09%**	63.91%	100.00%	**45.52%**	54.48%	100.00%
	Total	282	121	403	274	111	385	274	111	385	268	115	383	266	117	383	270	114	384	281	107	388
		69.98%	30.02%	100.00%	71.17%	28.83%	100.00%	71.17%	28.83%	100.00%	69.97%	30.03%	100.00%	69.45%	30.55%	100.00%	70.31%	29.69%	100.00%	72.42%	27.58%	100.00%
AE food expense for core members	Non-poor	324	8	332	318	6	324	315	7	322	309	10	319	307	12	319	316	5	321	319	5	324
		85.71%	***34.78%***	*82.79%*	*86.41%*	***30.00%***	*83.51%*	*87.50%*	***26.92%***	*83.42%*	*87.54%*	***33.33%***	*83.29%*	*86.97%*	***40.00%***	*83.29%*	*87.29%*	***21.74%***	*83.38%*	*85.75%*	***31.25%***	*83.51%*
		97.59%	2.41%	100.00%	98.15%	1.85%	100.00%	97.83%	2.17%	100.00%	96.87%	3.13%	100.00%	96.24%	3.76%	100.00%	98.44%	1.56%	100.00%	98.46%	1.54%	100.00%
	Poor	54	15	69	50	14	64	45	19	64	44	20	64	46	18	64	46	18	64	53	11	64
		14.29%	*65.22%*	*17.21%*	*13.59%*	*70.00%*	*16.49%*	*12.50%*	*73.08%*	*16.58%*	*12.46%*	*66.67%*	*16.71%*	*13.03%*	*60.00%*	*16.71%*	*12.71%*	*78.26%*	*16.62%*	*14.25%*	*68.75%*	*16.49%*
		78.26%	21.74%	100.00%	**78.13%**	21.88%	100.00%	**70.31%**	29.69%	100.00%	**68.75%**	31.25%	100.00%	**71.88%**	28.13%	100.00%	**71.88%**	28.13%	100.00%	**82.81%**	17.19%	100.00%
	Total	378	23	401	368	20	388	360	26	386	353	30	383	353	30	383	362	23	385	372	16	388
		94.26%	5.74%	100.00%	94.85%	5.15%	100.00%	93.26%	6.74%	100.00%	92.17%	7.83%		92.17%	7.83%		94.03%	5.97%	100.00%	95.88%	4.12%	100.00%
AE food expense for core members	Non-poor	315	10	325	304	10	314	302	12	314	296	16	312	299	13	312	303	11	314	309	8	317
		84.68%	***34.48%***	*81.05%*	*86.36%*	***30.30%***	*81.56%*	*86.04%*	***35.29%***	*81.56%*	*86.05%*	***41.03%***	*81.46%*	*86.17%*	***36.11%***	*81.46%*	*85.84%*	***34.38%***	*81.56%*	*83.74%*	***42.11%***	*81.70%*
		96.92%	3.08%	100.00%	96.82%	3.18%	100.00%	96.18%	3.82%	100.00%	94.87%	5.13%	100.00%	95.83%	4.17%	100.00%	96.50%	3.50%	100.00%	97.48%	2.52%	100.00%
	Poor	57	19	76	48	23	71	49	22	71	48	23	71	48	23	71	50	21	71	60	11	71
		15.32%	*65.52%*	*18.95%*	*13.64%*	*69.70%*	*18.44%*	*13.96%*	*64.71%*	*18.44%*	*13.95%*	*58.97%*	*18.54%*	*13.83%*	*63.89%*	*18.54%*	*14.16%*	*65.63%*	*18.44%*	*16.26%*	*57.89%*	*18.30%*
		75.00%	25.00%	100.00%	**67.61%**	32.39%	100.00%	**69.01%**	30.99%	100.00%	**67.61%**	32.39%	100.00%	**67.61%**	32.39%	100.00%	**70.42%**	29.58%	100.00%	**84.51%**	15.49%	100.00%
	Total	372	29	401	352	33	385	351	34	385	344	39	383	347	36	383	353	32	385	369	19	388
		92.77%	7.23%	100.00%	91.43%	8.57%	100.00%	91.17%	8.83%		89.82%	10.18%		90.60%	9.40%		91.69%	8.31%	100.00%	95.10%	4.90%	100.00%

Notes: Food poverty line 8908.6 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT and share of food in total consumption 50%. Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

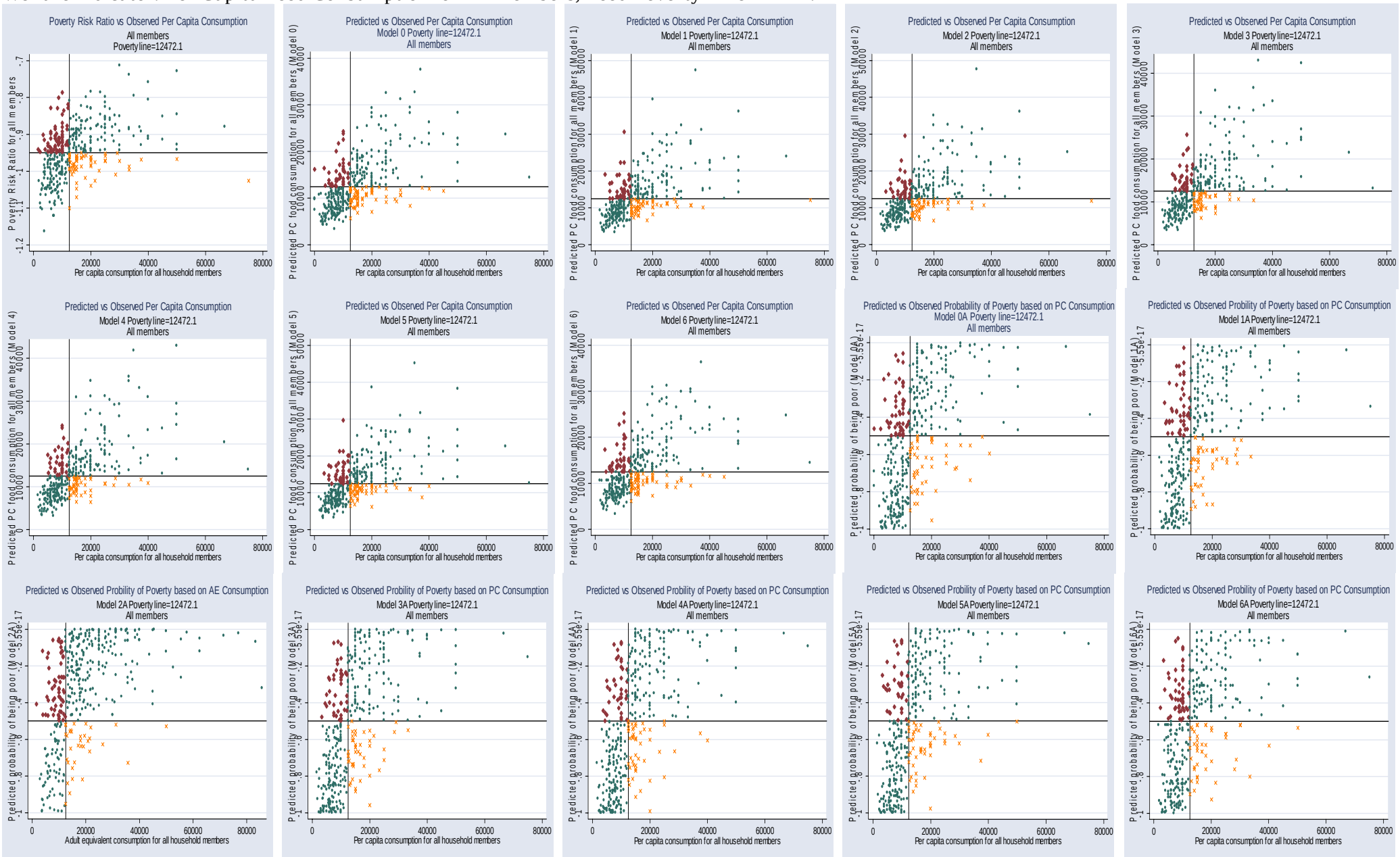
Table A.6.14: Inclusion Errors, Exclusion Errors, Undercoverage rates and Leakage rates under Alternative Tools. Food poverty line=8,908.6 MNT a month

		Model 0A			Model 1A			Model 2A			Model 3A			Model 4A			Model 5A			Model 6A			Model 0B		
		Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total
PC food expense for all members	Non-poor	232	29	261	242	27	269	243	24	267	238	29	267	238	27	265	238	29	267	240	31	271	232	29	261
		80.28%	***27.88%***	*66.41%*	*83.16%*	***24.55%***	*67.08%*	*85.87%*	***21.62%***	*67.77%*	*82.64%*	***26.13%***	*66.92%*	*85.30%*	***23.68%***	*67.43%*	*85.30%*	***25.00%***	*67.59%*	*79.21%*	***31.00%***	*67.25%*	*80.28%*	***27.88%***	*66.41%*
		88.89%	11.11%	100.00%	89.96%	10.04%	100.00%	91.01%	8.99%	100.00%	89.14%	10.86%	100.00%	89.81%	10.19%	100.00%	89.14%	10.86%	100.00%	88.56%	11.44%	100.00%	88.89%	11.11%	100.00%
	Poor	57	75	132	49	83	132	40	87	127	50	82	132	41	87	128	41	87	128	63	69	132	57	75	132
		19.72%	*72.12%*	*33.59%*	*16.84%*	*75.45%*	*32.92%*	*14.13%*	*78.38%*	*32.23%*	*17.36%*	*73.87%*	*33.08%*	*14.70%*	*76.32%*	*32.57%*	*14.70%*	*75.00%*	*32.41%*	*20.79%*	*69.00%*	*32.75%*	*19.72%*	*72.12%*	*33.59%*
		43.18%	56.82%	100.00%	**37.12%**	62.88%	100.00%	**31.50%**	68.50%	100.00%	**37.88%**	62.12%	100.00%	**32.03%**	67.97%	100.00%	**32.03%**	67.97%	100.00%	**47.73%**	52.27%	100.00%	**43.18%**	56.82%	100.00%
	Total	289	104	393	291	110	401	283	111	394	288	111	399	279	114	393	279	116	395	303	100	403	289	104	393
		73.54%	26.46%	100.00%	72.57%	27.43%	100.00%	71.83%	28.17%	100.00%	72.18%	27.82%	100.00%	70.99%	29.01%	100.00%	70.63%	29.37%	100.00%	75.19%	24.81%	100.00%	73.54%	26.46%	100.00%
PC food expense for core members	Non-poor	218	43	261	225	34	259	226	31	257	226	31	257	219	38	257	225	34	259	223	38	261	220	41	261
		79.85%	***35.83%***	*66.41%*	*80.65%*	***27.87%***	*64.59%*	*82.18%*	***25.83%***	*65.06%*	*82.78%*	***24.60%***	*64.41%*	*82.95%*	***28.15%***	*64.41%*	*81.52%*	***27.20%***	*64.59%*	*77.97%*	***32.48%***	*64.76%*	*80.00%*	***34.75%***	*66.41%*
		83.52%	16.48%	100.00%	86.87%	13.13%	100.00%	87.94%	12.06%	100.00%	87.94%	12.06%	100.00%	85.21%	14.79%	100.00%	86.87%	13.13%	100.00%	85.44%	14.56%	100.00%	84.29%	15.71%	100.00%
	Poor	55	77	132	54	88	142	49	89	138	47	95	142	45	97	142	51	91	142	63	79	142	55	77	132
		20.15%	*64.17%*	*33.59%*	*19.35%*	*72.13%*	*35.41%*	*17.82%*	*74.17%*	*34.94%*	*17.22%*	*75.40%*	*35.59%*	*17.05%*	*71.85%*	*35.59%*	*18.48%*	*72.80%*	*35.41%*	*22.03%*	*67.52%*	*35.24%*	*20.00%*	*65.25%*	*33.59%*
		41.67%	58.33%	100.00%	**38.03%**	61.97%	100.00%	**35.51%**	64.49%	100.00%	**33.10%**	66.90%	100.00%	**31.69%**	68.31%	100.00%	**35.92%**	64.08%	100.00%	**44.37%**	55.63%	100.00%	**41.67%**	58.33%	100.00%
	Total	273	120	393	279	122	401	275	120	395	273	126	399	264	135	399	276	125	401	286	117	403	275	118	393
		69.47%	30.53%	100.00%	69.58%	30.42%	100.00%	69.62%	30.38%	100.00%	68.42%	31.58%	100.00%	66.17%	33.83%	100.00%	68.83%	31.17%	100.00%	70.97%	29.03%	100.00%	69.97%	30.03%	100.00%
AE food expense for core members	Non-poor	312	10	322	323	9	332	322	10	332	314	15	329	313	16	329	322	10	332	324	8	332	309	13	322
		86.43%	***33.33%***	*82.35%*	*87.30%*	***29.03%***	*82.79%*	*87.98%*	***28.57%***	*82.79%*	*88.45%*	***34.88%***	*82.66%*	*89.43%*	***33.33%***	*82.66%*	*90.20%*	***22.73%***	*82.79%*	*85.71%*	***34.78%***	*82.79%*	*86.55%*	***38.24%***	*82.35%*
		96.89%	3.11%	100.00%	97.29%	2.71%	100.00%	96.99%	3.01%	100.00%	95.44%	4.56%	100.00%	95.14%	4.86%	100.00%	96.99%	3.01%	100.00%	97.59%	2.41%	100.00%	95.96%	4.04%	100.00%
	Poor	49	20	69	47	22	69	44	25	69	41	28	69	37	32	69	35	34	69	54	15	69	48	21	69
		13.57%	*66.67%*	*17.65%*	*12.70%*	*70.97%*	*17.21%*	*12.02%*	*71.43%*	*17.21%*	*11.55%*	*65.12%*	*17.34%*	*10.57%*	*66.67%*	*17.34%*	*9.80%*	*77.27%*	*17.21%*	*14.29%*	*65.22%*	*17.21%*	*13.45%*	*61.76%*	*17.65%*
		71.01%	28.99%	100.00%	**68.12%**	31.88%	100.00%	**63.77%**	36.23%	100.00%	**59.42%**	40.58%	100.00%	**53.62%**	46.38%	100.00%	**50.72%**	49.28%	100.00%	**78.26%**	21.74%	100.00%	**69.57%**	30.43%	100.00%
	Total	361	30	391	370	31	401	366	35	401	355	43	398	350	48	398	357	44	401	378	23	401	357	34	391
		92.33%	7.67%	100.00%	92.27%	7.73%	100.00%	91.27%	8.73%	100.00%	89.20%	10.80%	100.00%	87.94%	12.06%	100.00%	89.03%	10.97%	100.00%	94.26%	5.74%	100.00%	91.30%	8.70%	100.00%
AE food expense for core members	Non-poor	305	10	315	311	12	323	312	8	320	302	16	318	307	11	318	310	10	320	315	10	325	306	9	315
		85.43%	***29.41%***	*80.56%*	*86.63%*	***30.00%***	*80.95%*	*88.89%*	***19.05%***	*81.42%*	*87.03%*	***36.36%***	*81.33%*	*88.47%*	***25.00%***	*81.33%*	*88.07%*	***24.39%***	*81.42%*	*84.22%*	***37.04%***	*81.05%*	*85.71%*	***26.47%***	*80.56%*
		96.83%	3.17%	100.00%	96.28%	3.72%	100.00%	97.50%	2.50%	100.00%	94.97%	5.03%	100.00%	96.54%	3.46%	100.00%	96.88%	3.13%	100.00%	96.92%	3.08%	100.00%	97.14%	2.86%	100.00%
	Poor	52	24	76	48	28	76	39	34	73	45	28	73	40	33	73	42	31	73	59	17	76	51	25	76
		14.57%	*70.59%*	*19.44%*	*13.37%*	*70.00%*	*19.05%*	*11.11%*	*80.95%*	*18.58%*	*12.97%*	*63.64%*	*18.67%*	*11.53%*	*75.00%*	*18.67%*	*11.93%*	*75.61%*	*18.58%*	*15.78%*	*62.96%*	*18.95%*	*14.29%*	*73.53%*	*19.44%*
		68.42%	31.58%	100.00%	**63.16%**	36.84%	100.00%	**53.42%**	46.58%	100.00%	**61.64%**	38.36%	100.00%	**54.79%**	45.21%	100.00%	**57.53%**	42.47%	100.00%	**77.63%**	22.37%	100.00%	**67.11%**	32.89%	100.00%
	Total	357	34	391	359	40	399	351	42	393	347	44	391	347	44	391	352	41	393	374	27	401	357	34	391
		91.30%	8.70%	100.00%	89.97%	10.03%	100.00%	89.31%	10.69%	100.00%	88.75%	11.25%	100.00%	88.75%	11.25%	100.00%	89.57%	10.43%	100.00%	93.27%	6.73%	100.00%	91.30%	8.70%	100.00%

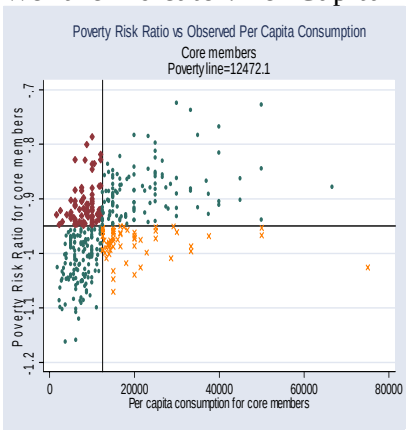
Notes: Food poverty line 8908.6 MNT is calculated using global poverty line of 1 dollar a day (32.04 dollars a month) and PPP of 1US$=544.21 MNT and share of food in total consumption 50%. Column percentage is in Italic; row percentage is underlined.

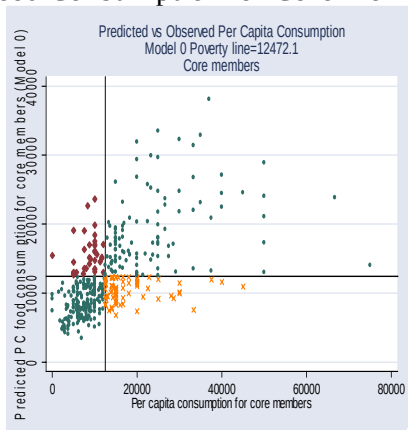
Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

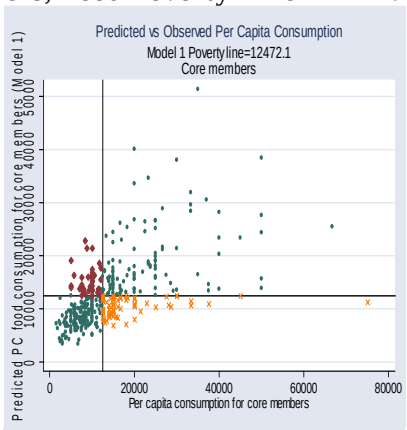
Welfare indicator: Per Capita Food Consumption for All Members; Food Poverty Line=12472.1 MNT

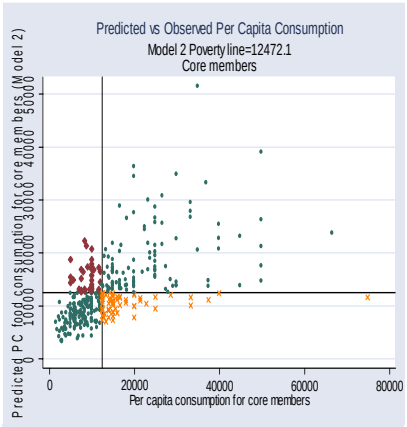


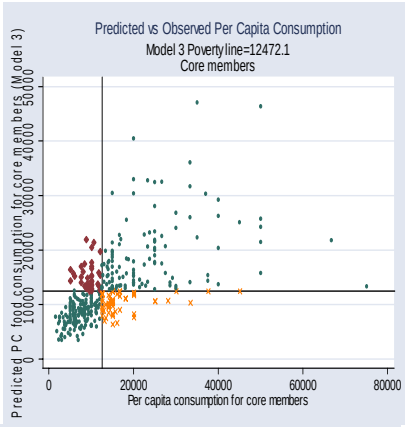
Welfare indicator: Per Capita Food Consumption for Core Members; Food Poverty Line=12472.1 MNT

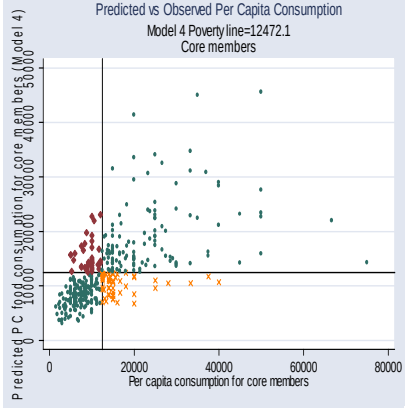


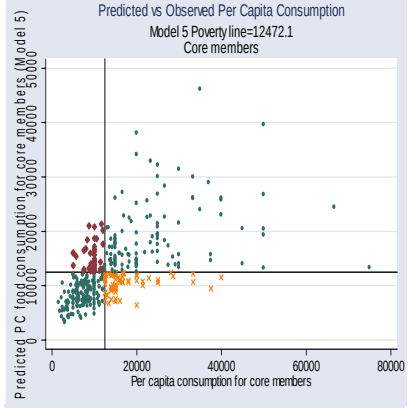


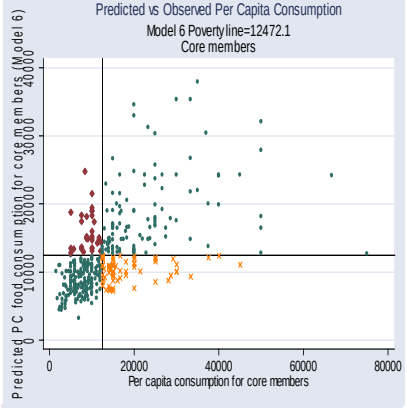


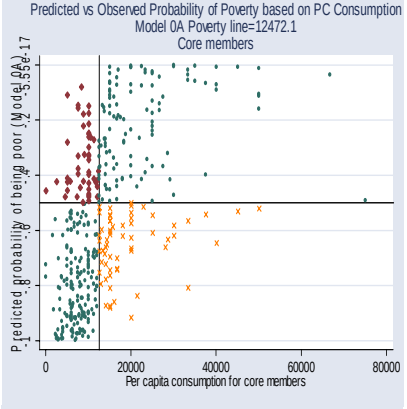


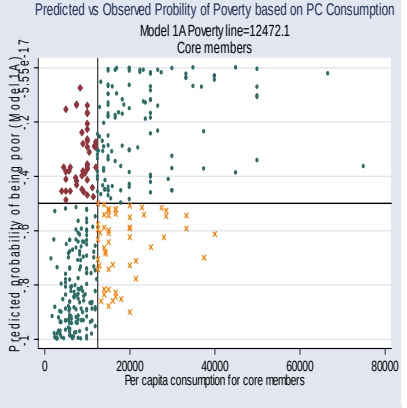


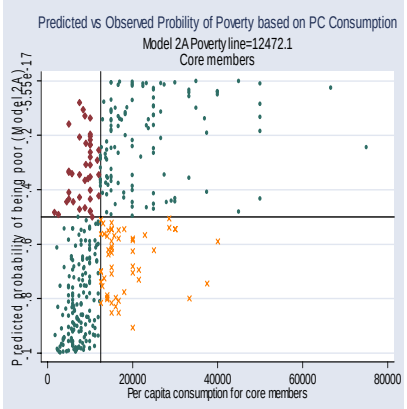


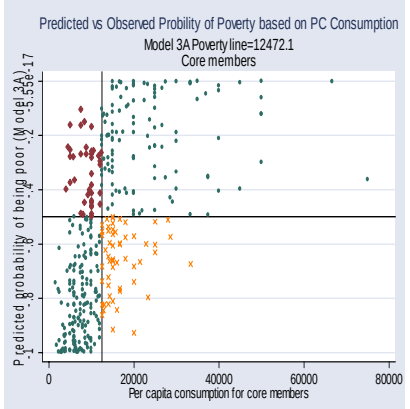


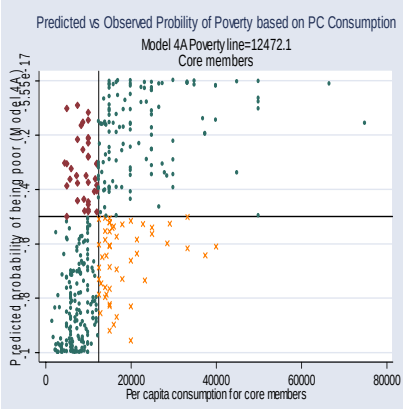


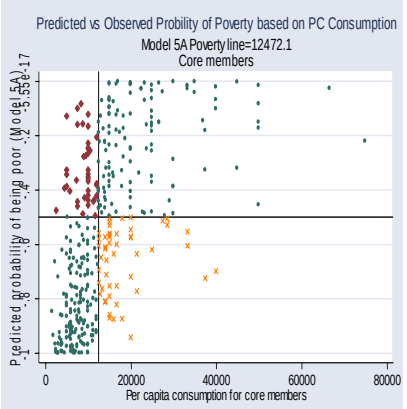


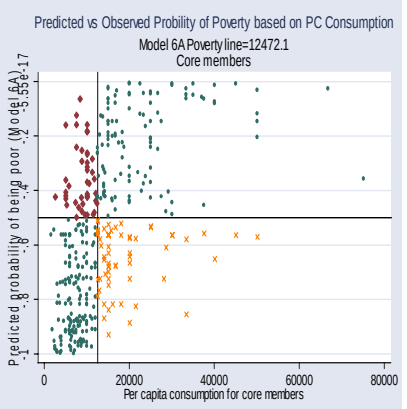




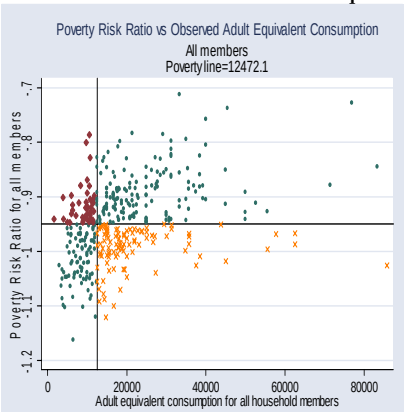


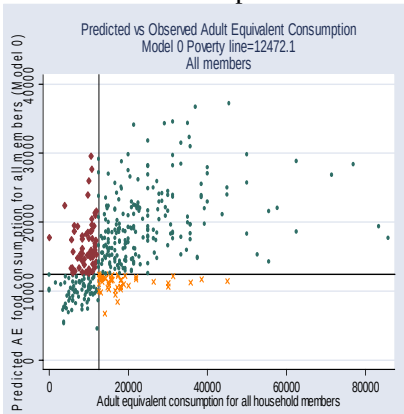


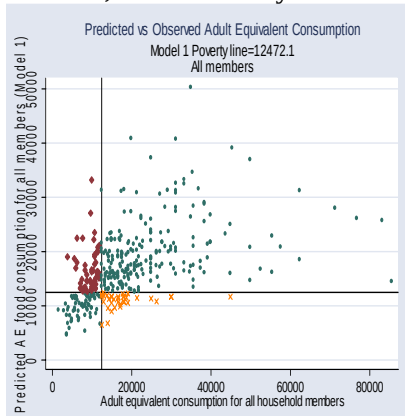


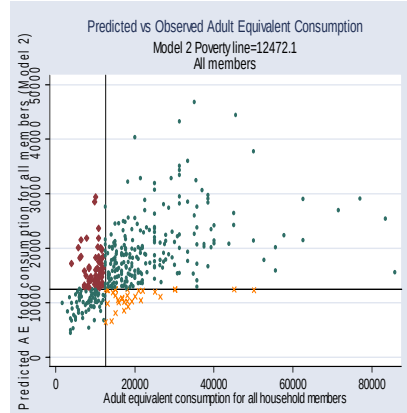


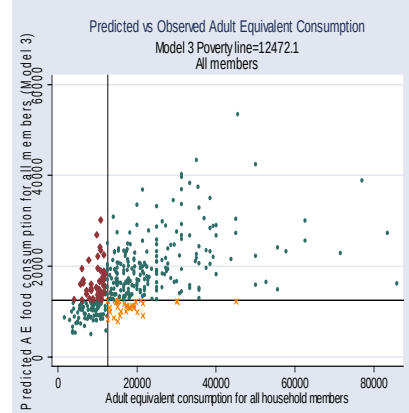
Welfare indicator: Adult Equivalent Food Consumption for All Members; Food Poverty Line=12472.1 MNT

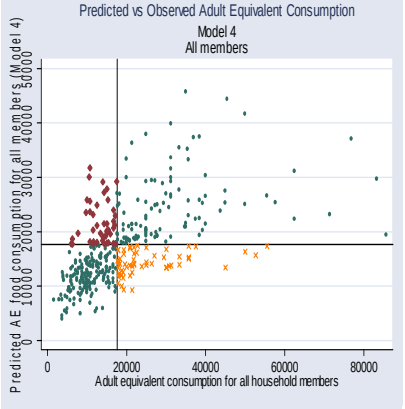


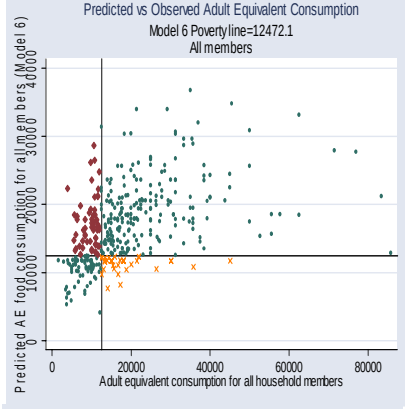


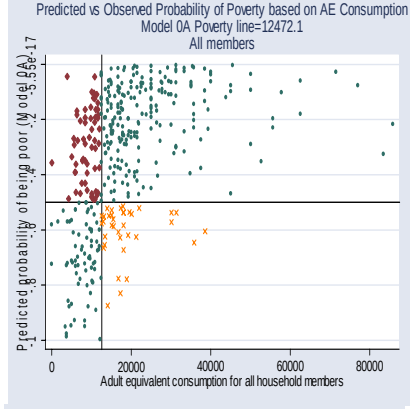


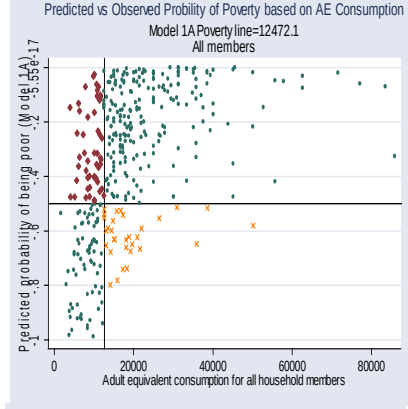


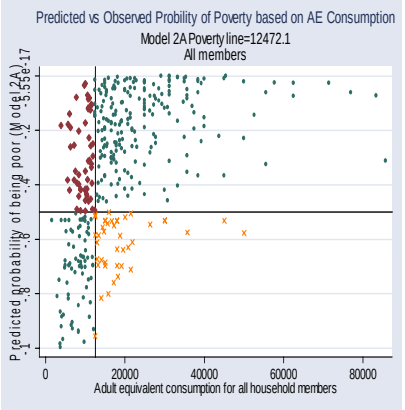


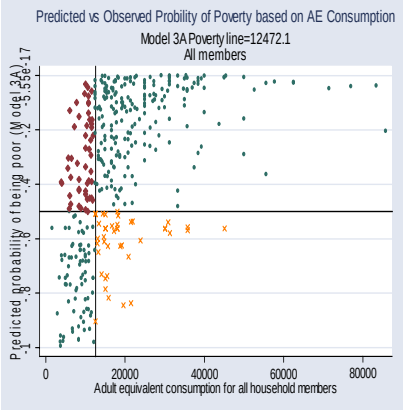


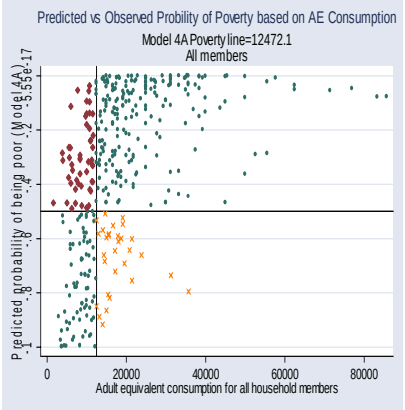


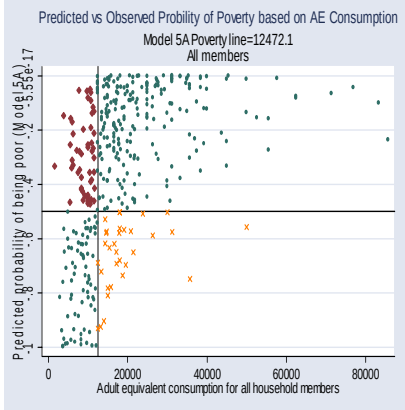


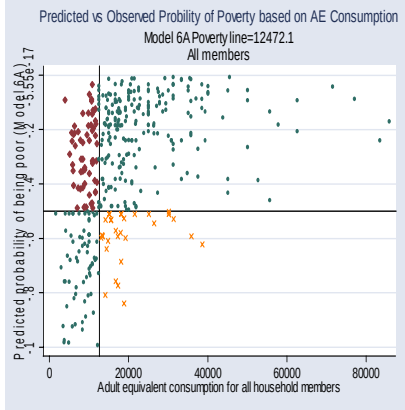




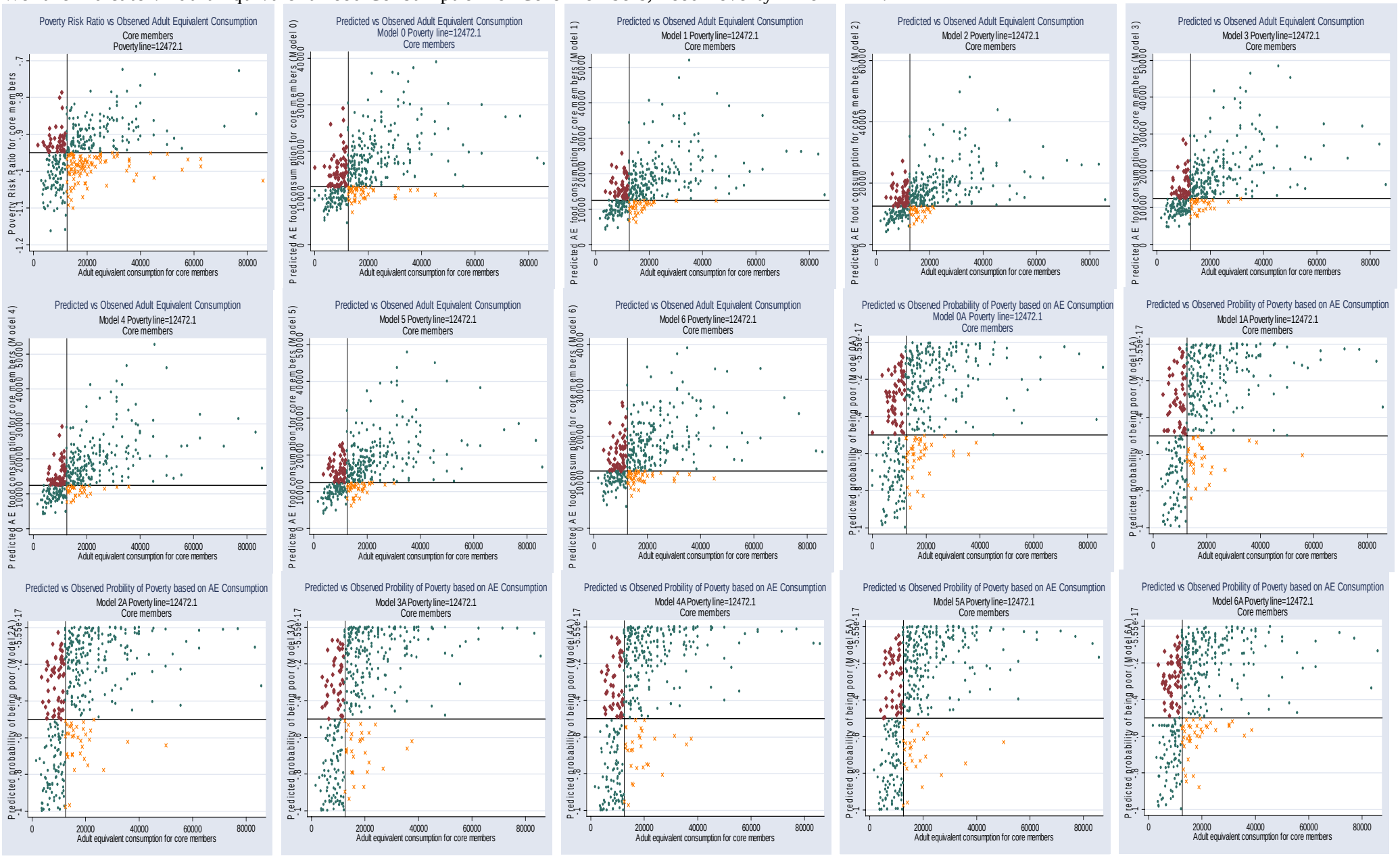




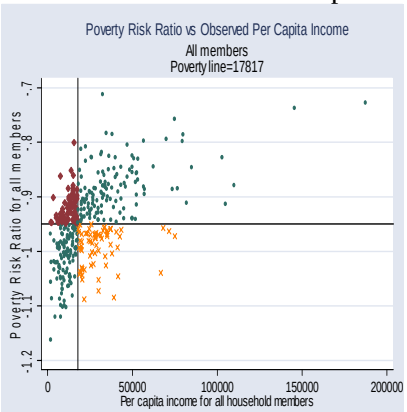


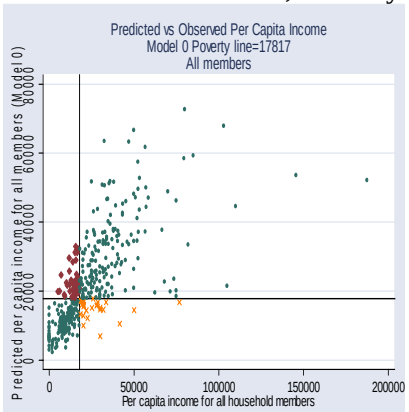


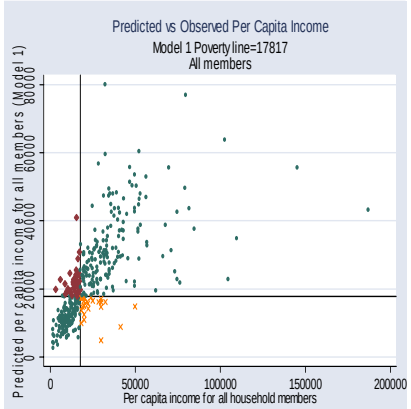
Welfare indicator: Adult Equivalent Food Consumption for Core Members; Food Poverty Line=12472.1 MNT

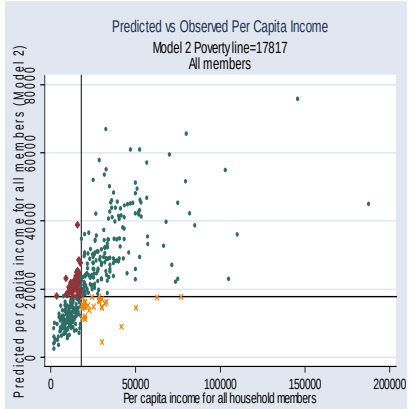


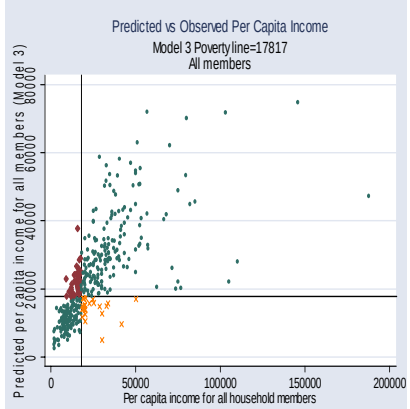
Welfare indicator: Per Capita Income for All Members; Poverty Line=17817 MNT

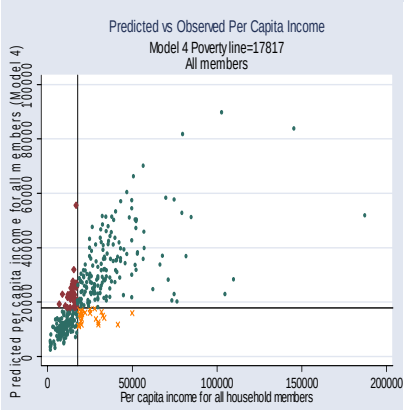


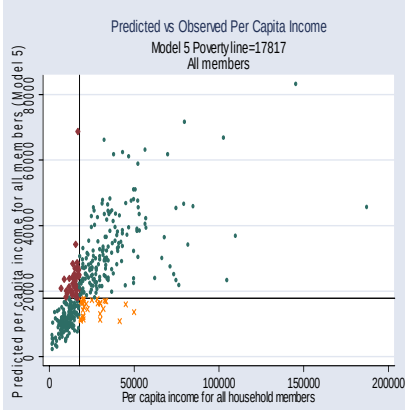


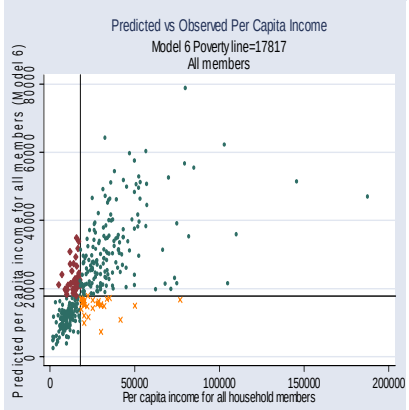


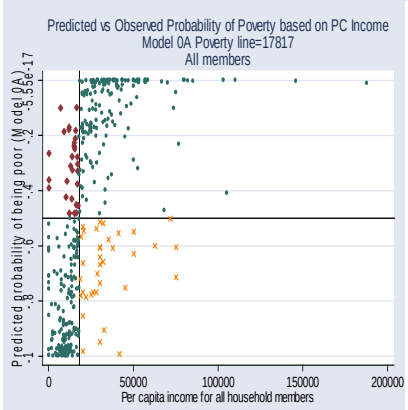


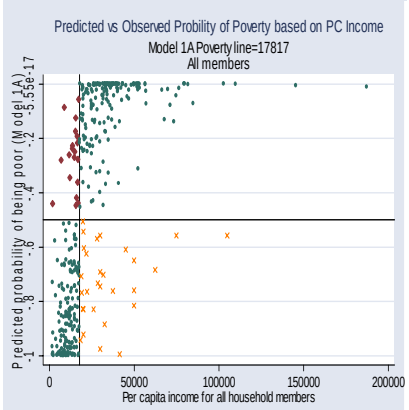


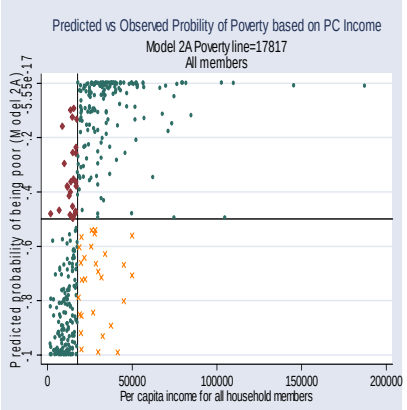


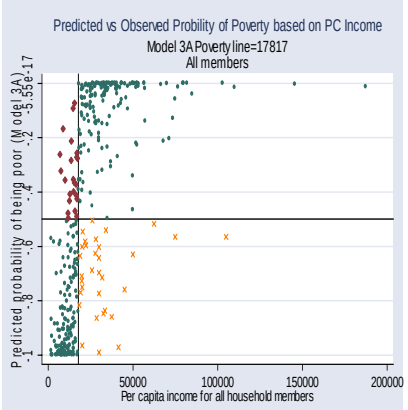


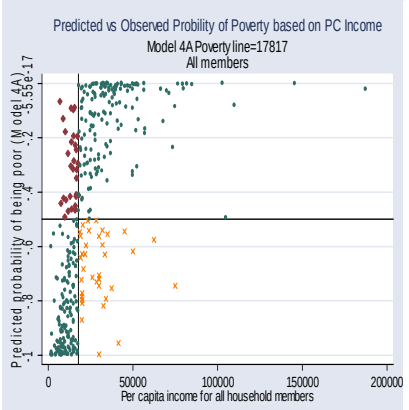


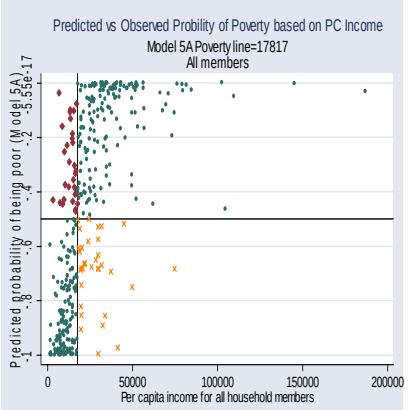


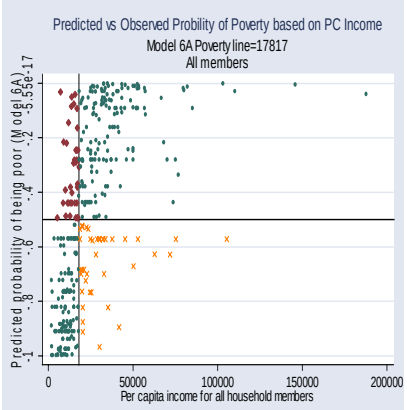




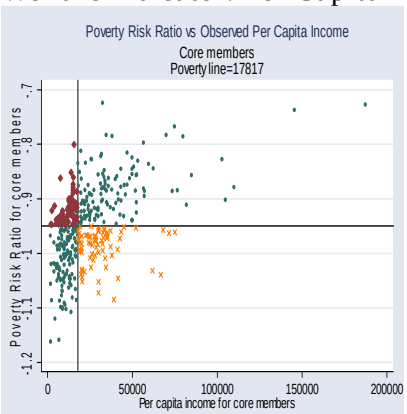


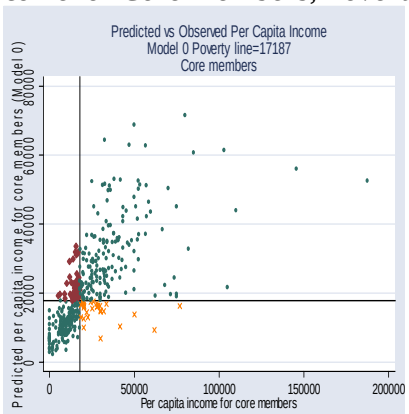


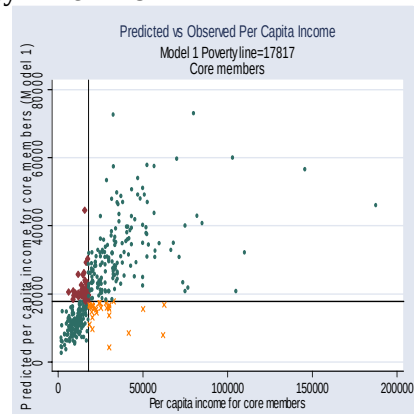


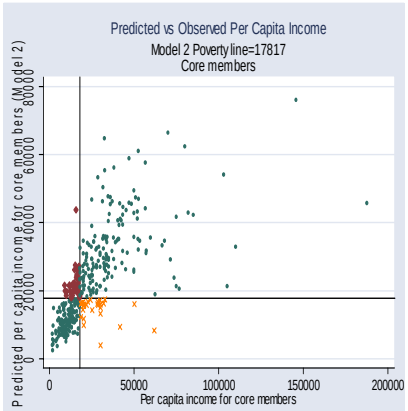


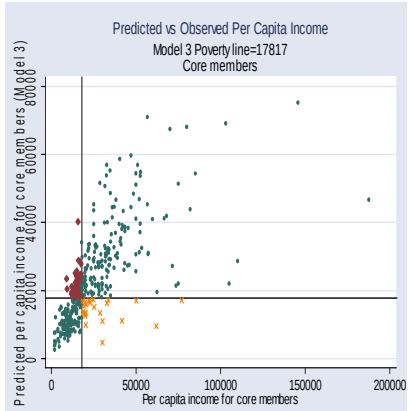
Welfare indicator: Per Capita Income for Core Members; Poverty Line=17817 MNT

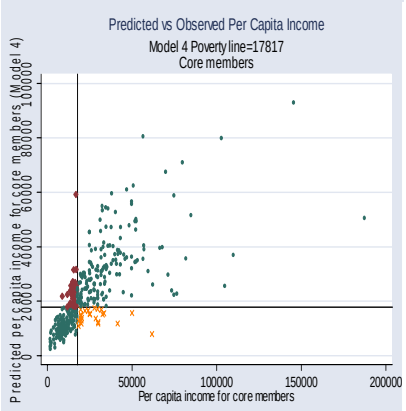


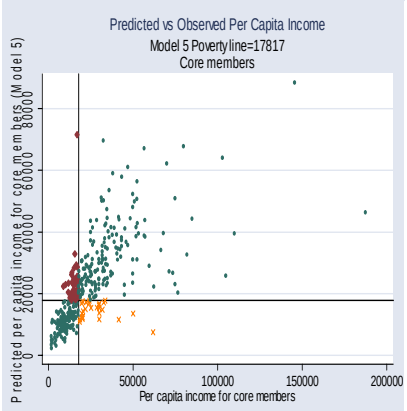


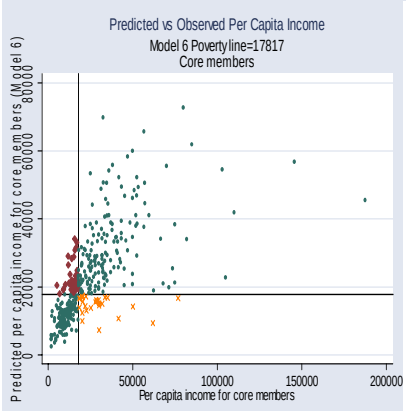


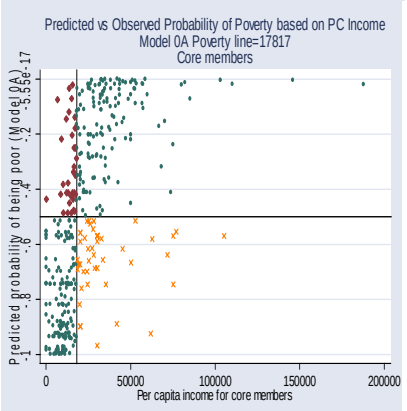


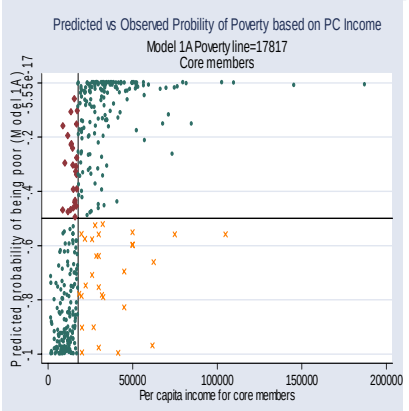


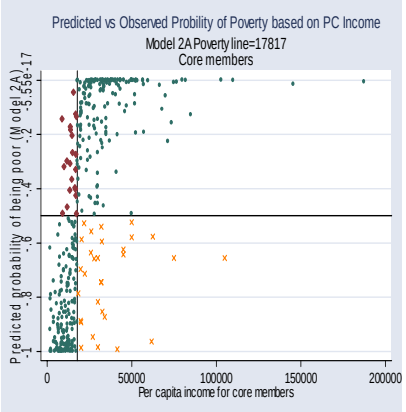


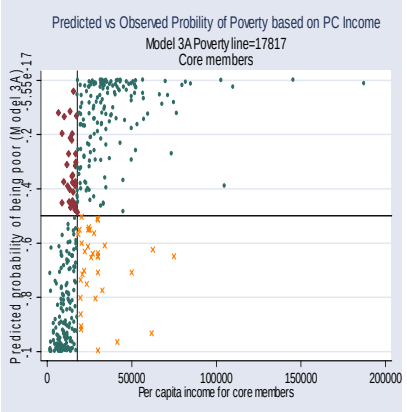


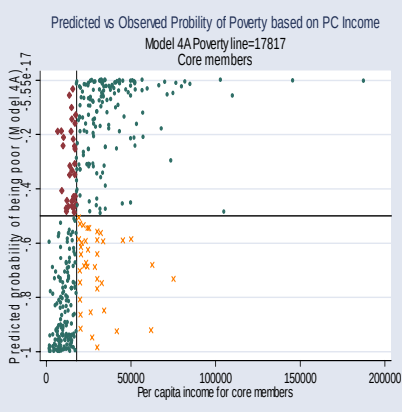


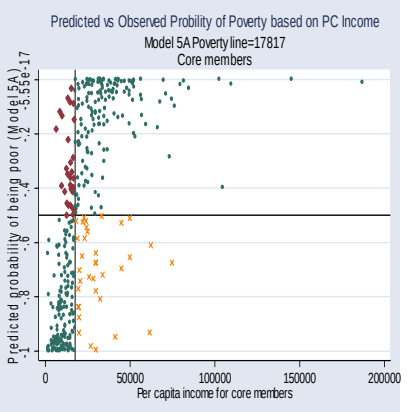


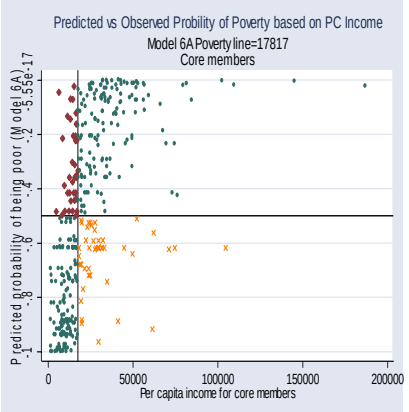




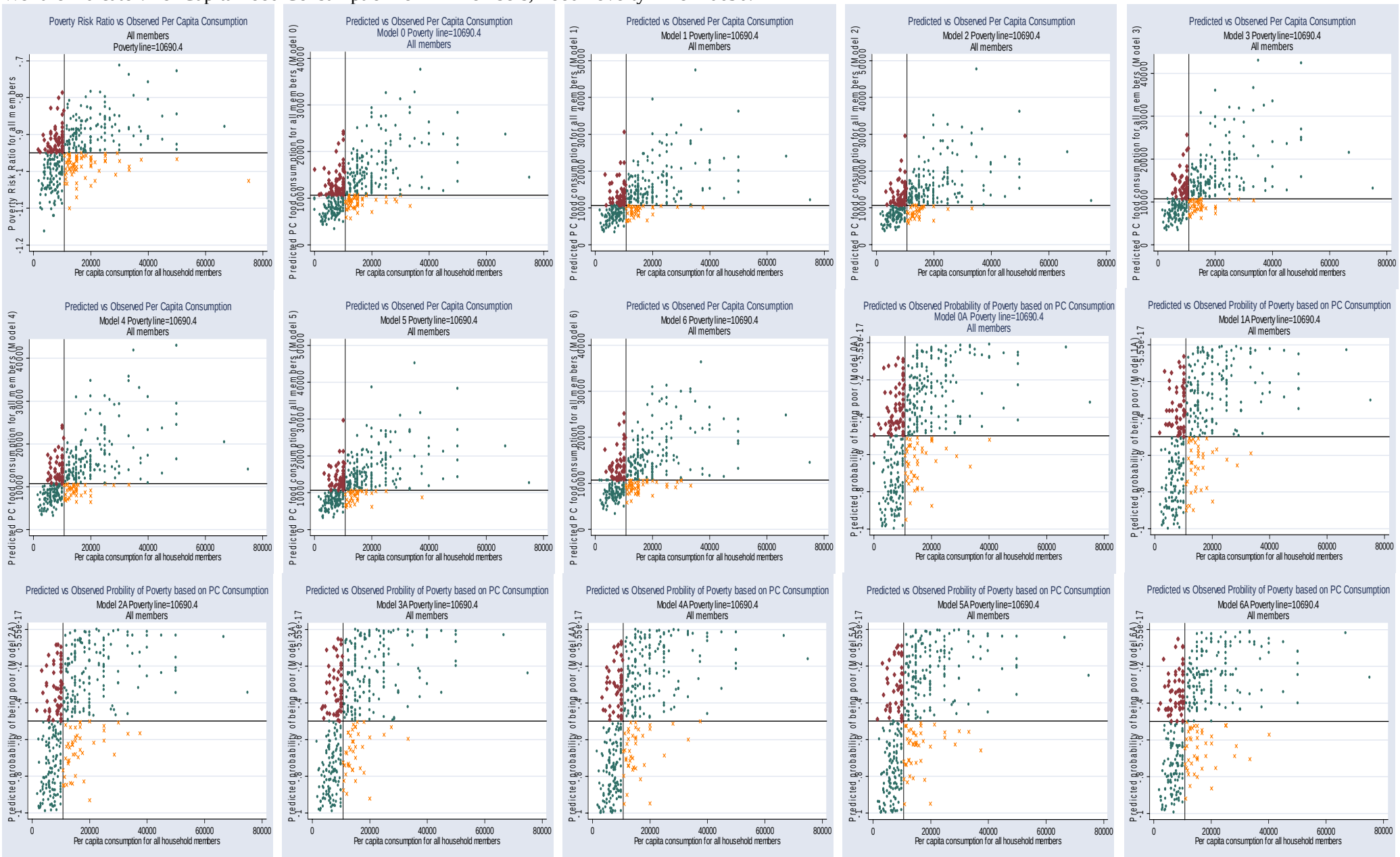




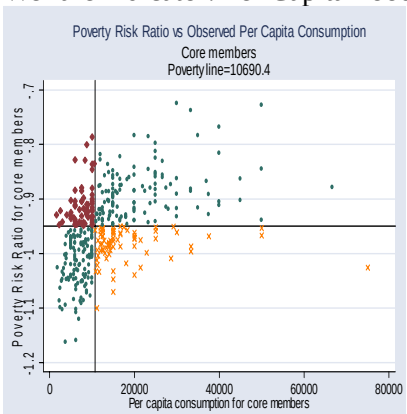


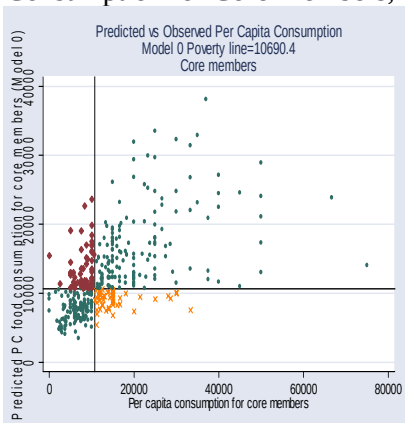


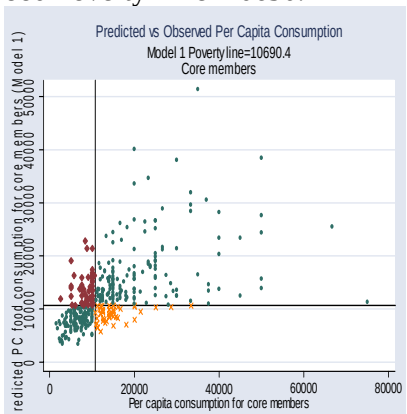
Welfare indicator: Per Capita Food Consumption for All Members; Food Poverty Line=10690.4 MNT

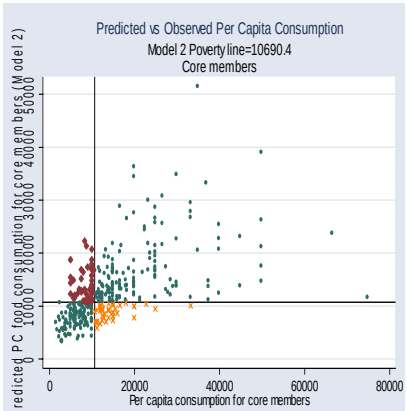


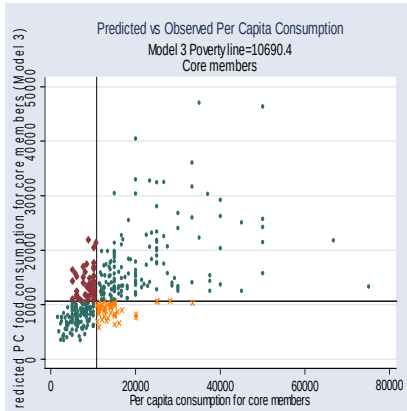
Welfare indicator: Per Capita Food Consumption for Core Members; Food Poverty Line=10690.4 MNT

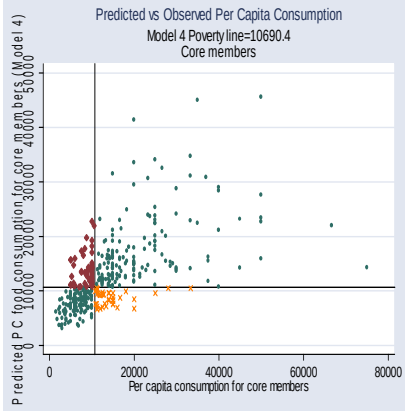


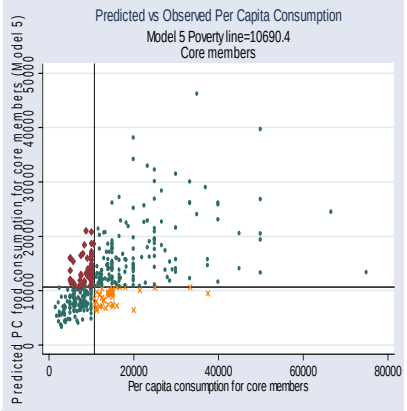


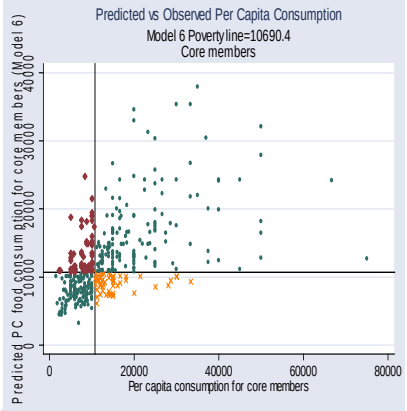


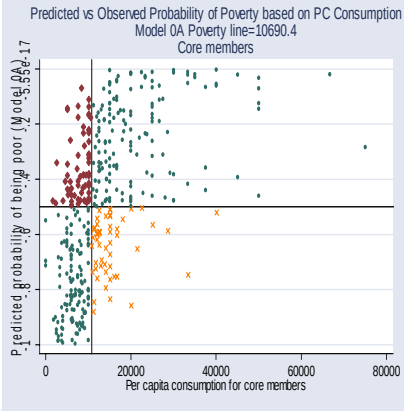


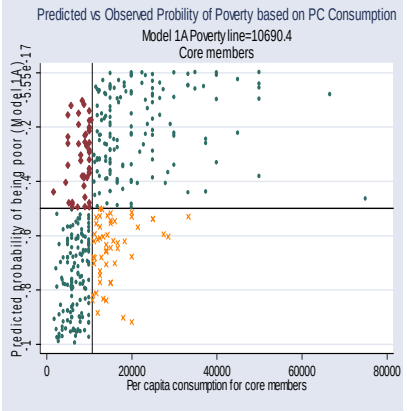


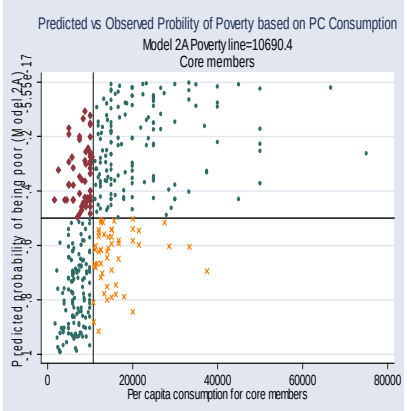


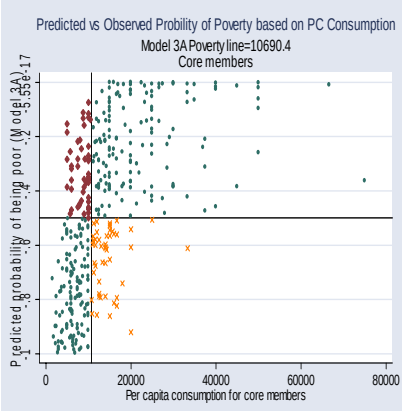


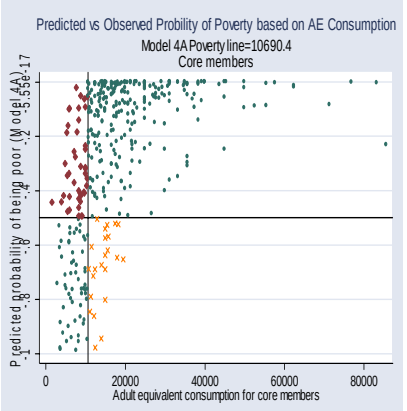


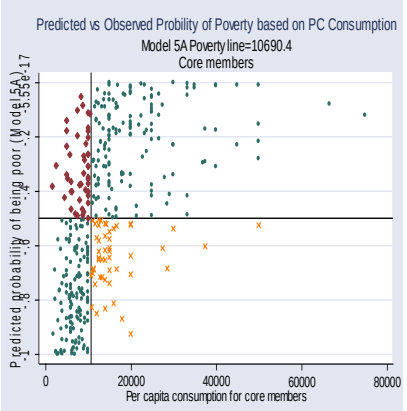


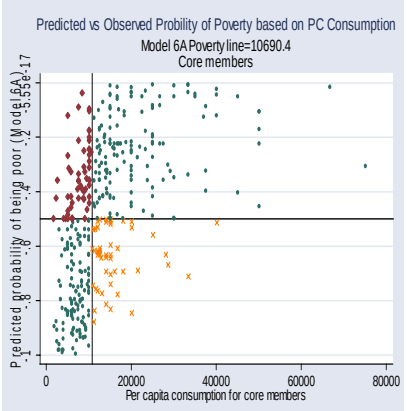




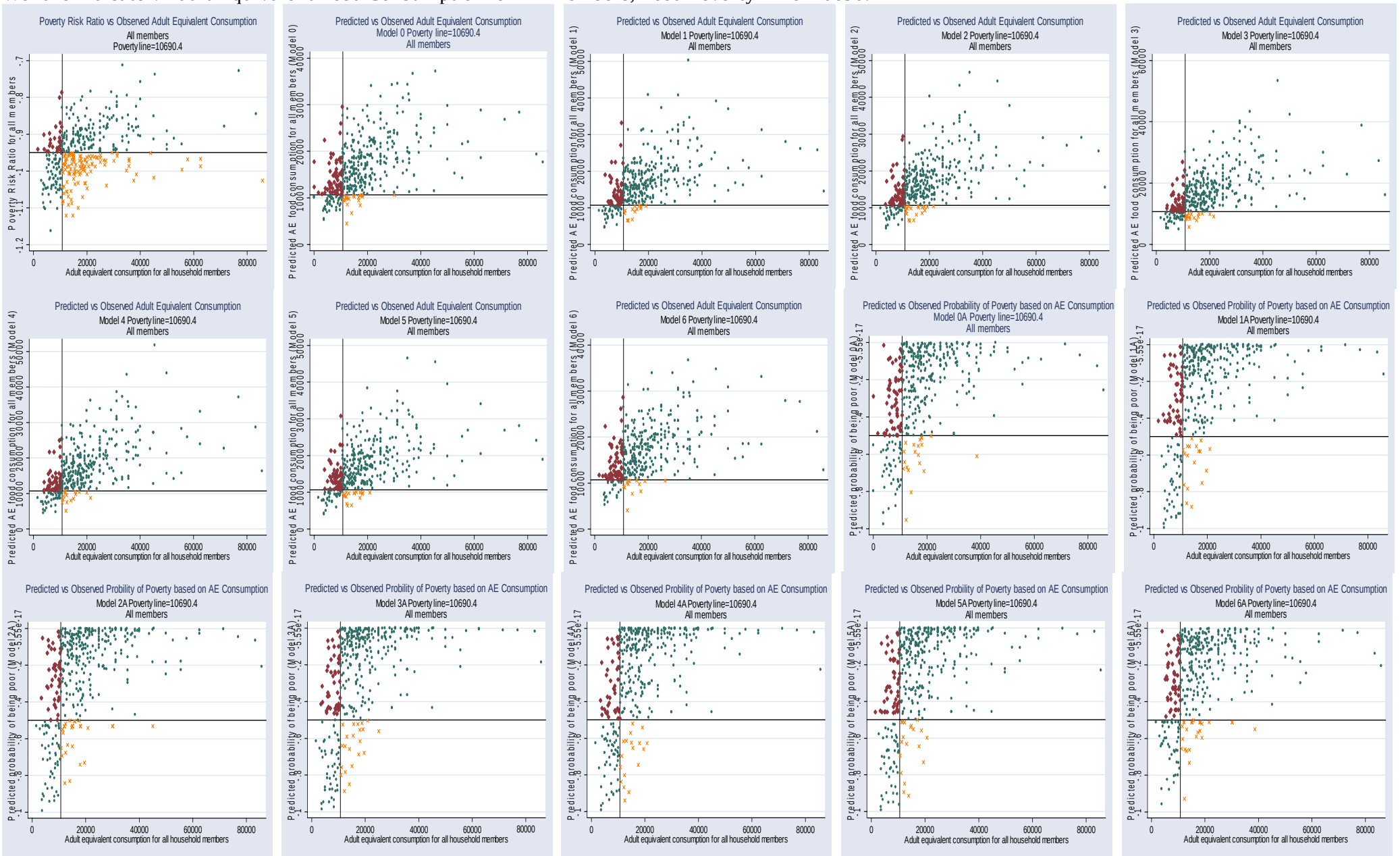




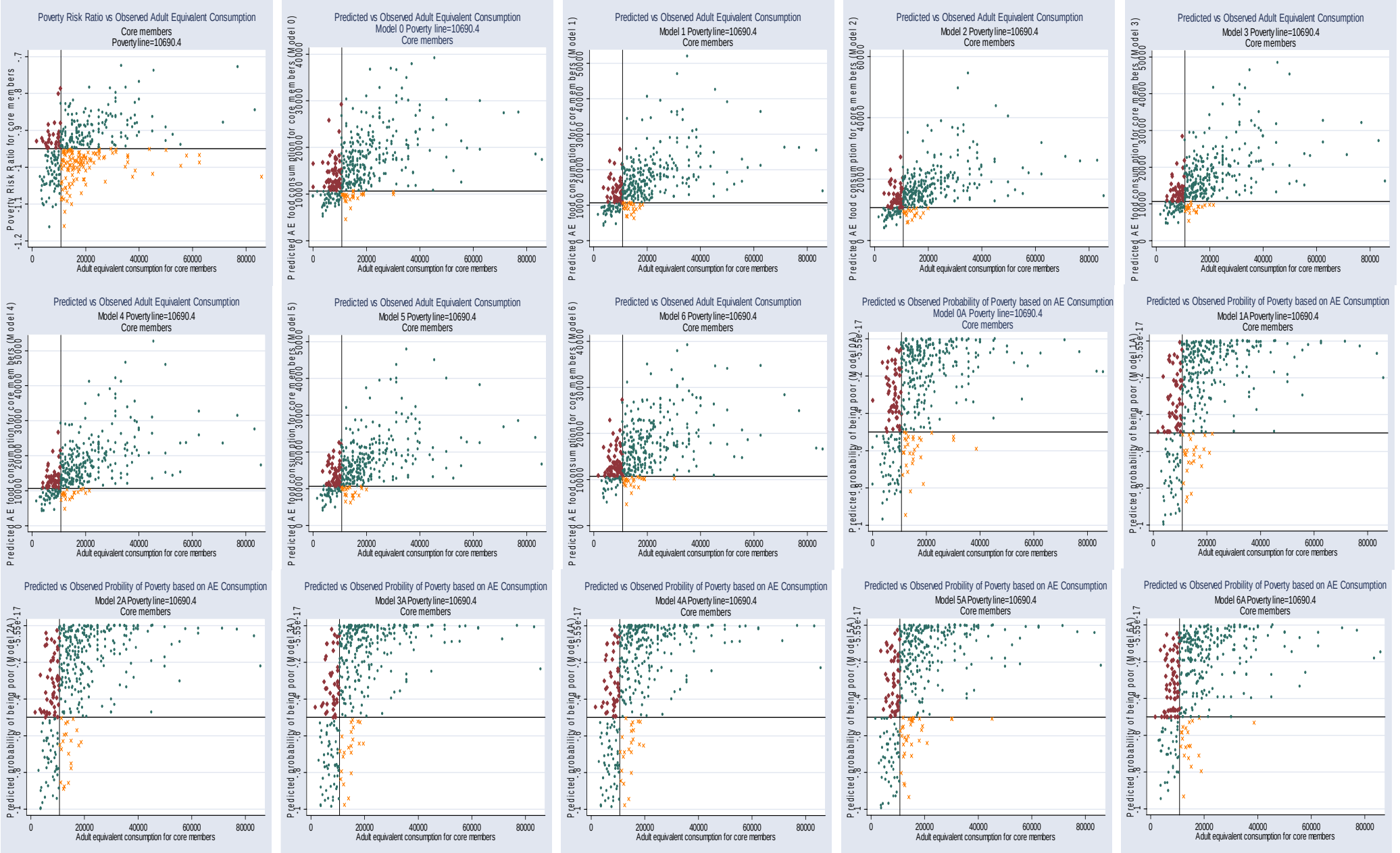




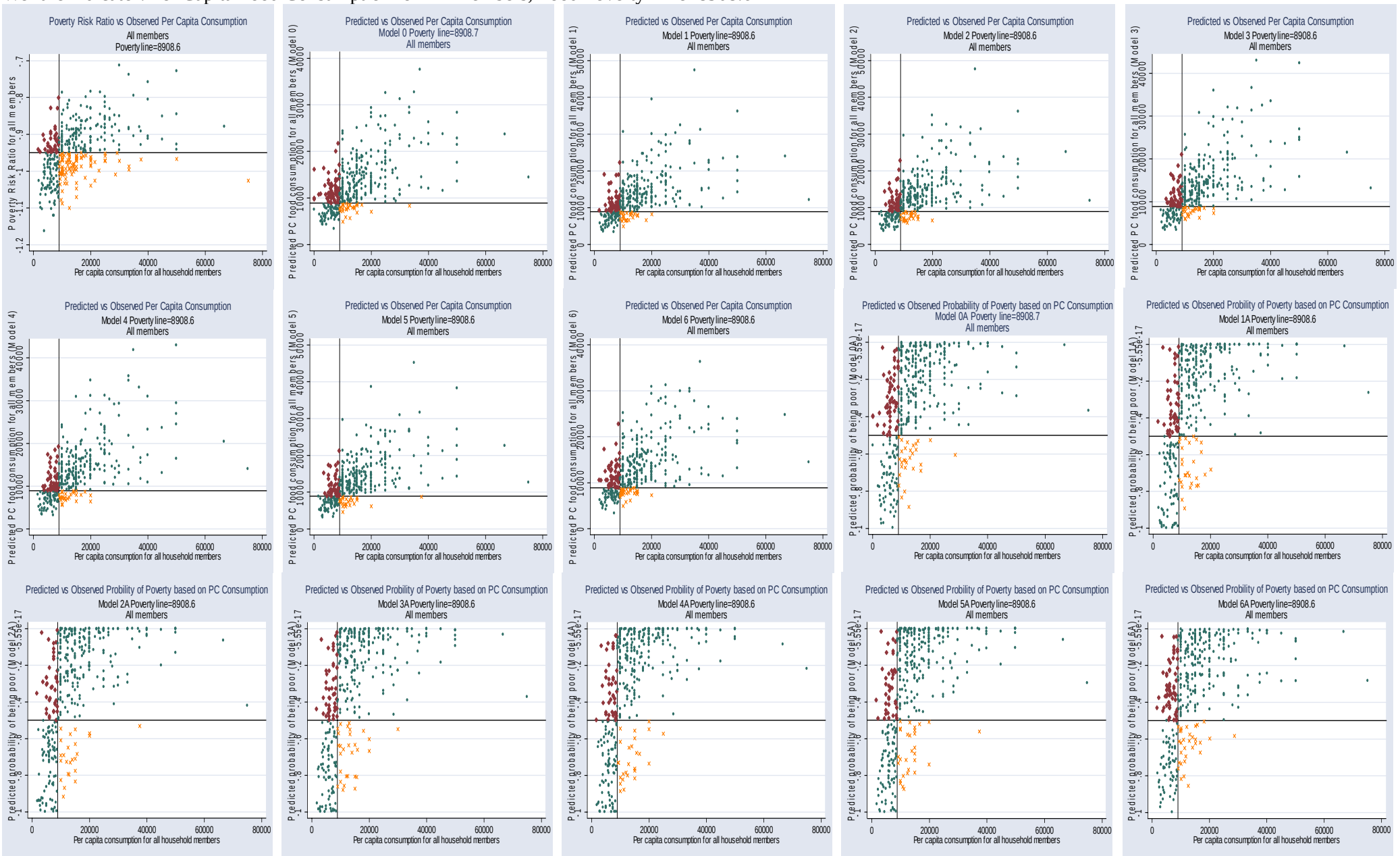
Welfare indicator: Adult Equivalent Food Consumption for All Members; Food Poverty Line=10690.4 MNT



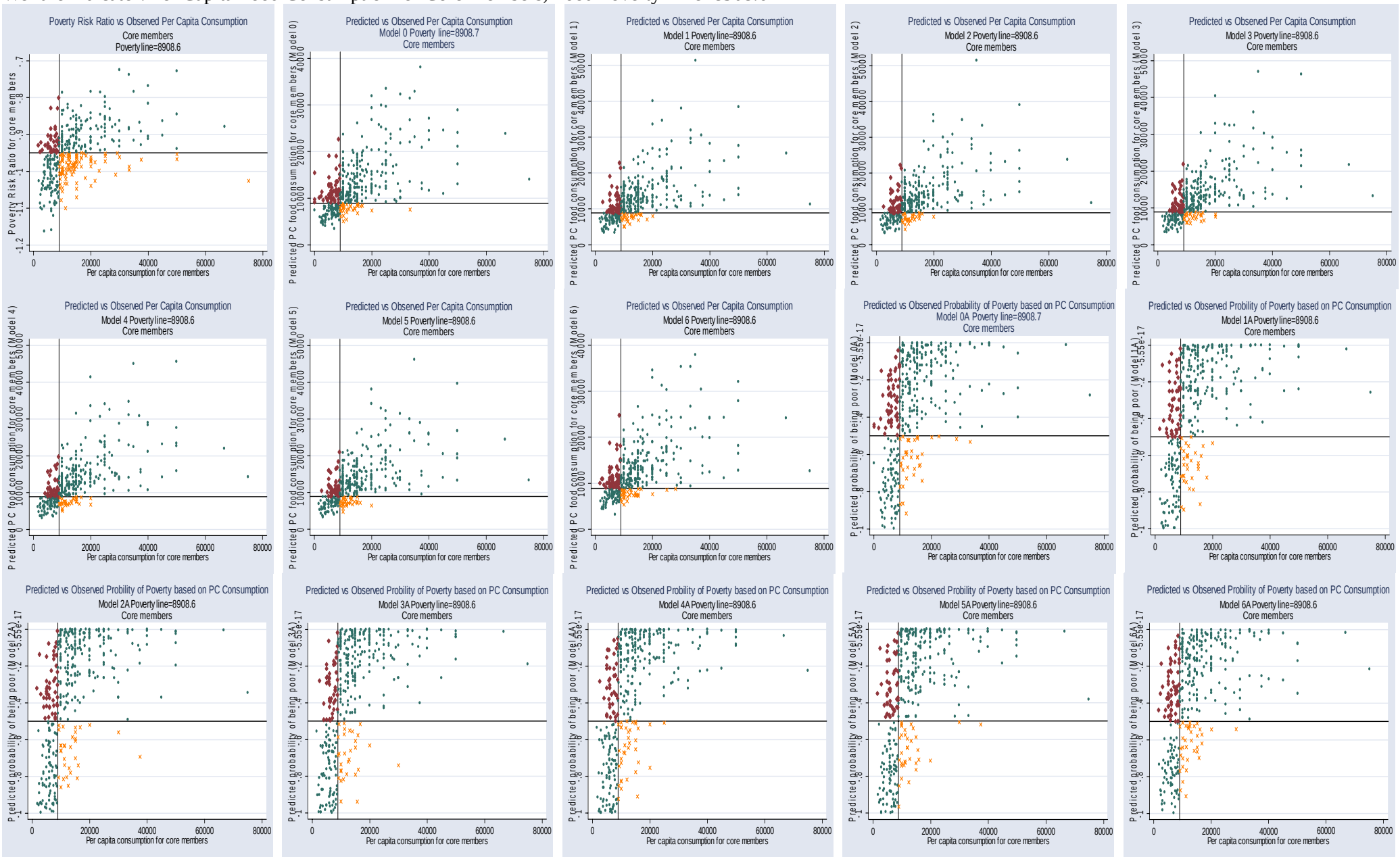
Welfare indicator: Adult Equivalent Food Consumption for Core Members; Food Poverty Line=10690.4 MNT



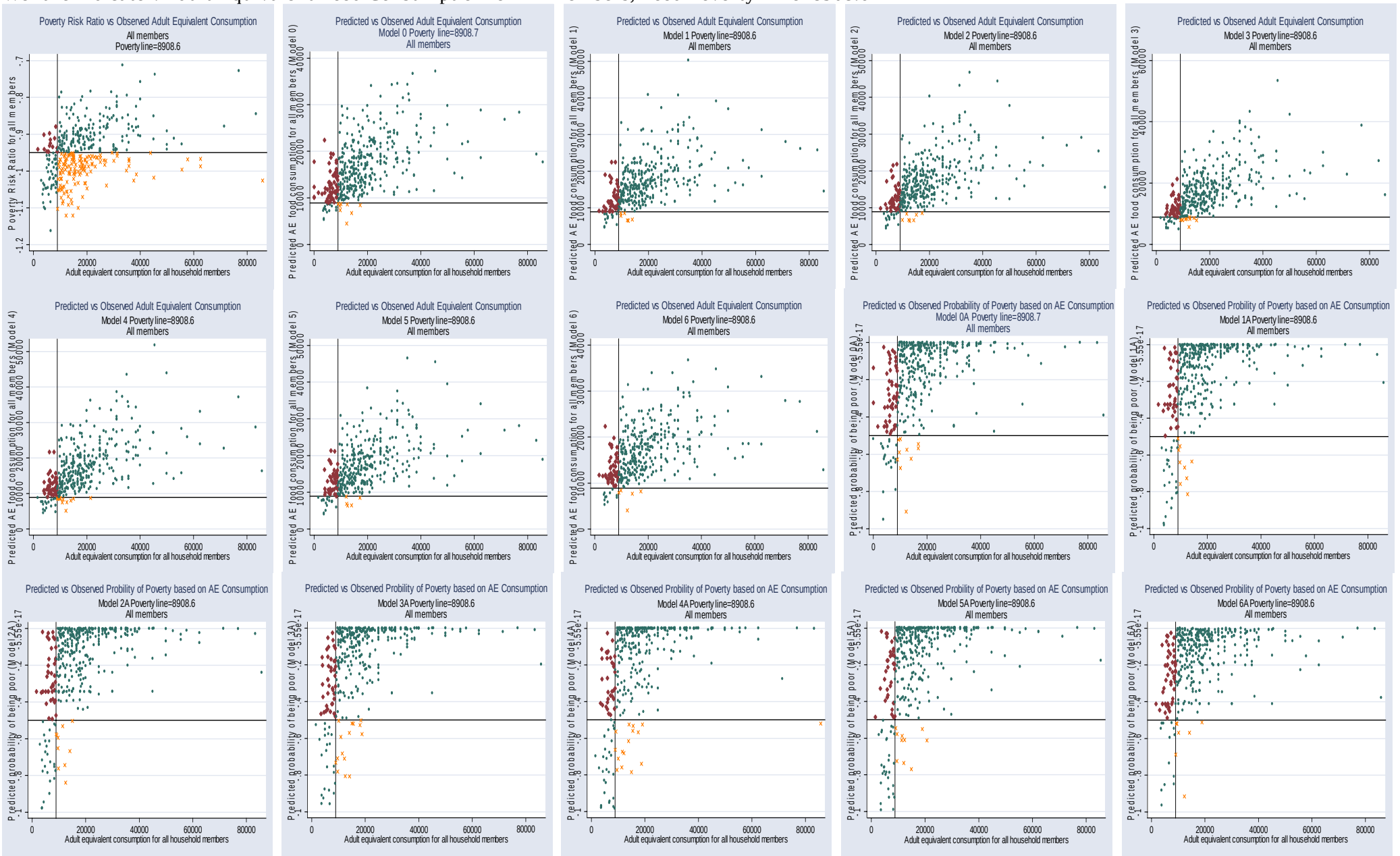
Welfare indicator: Per Capita Food Consumption for All Members; Food Poverty Line=8908.6 MNT



Welfare indicator: Per Capita Food Consumption for Core Members; Food Poverty Line=8908.6 MNT



Welfare indicator: Adult Equivalent Food Consumption for All Members; Food Poverty Line=8908.6 MNT



Welfare indicator: Adult Equivalent Food Consumption for Core Members; Food Poverty Line=8908.6 MNT

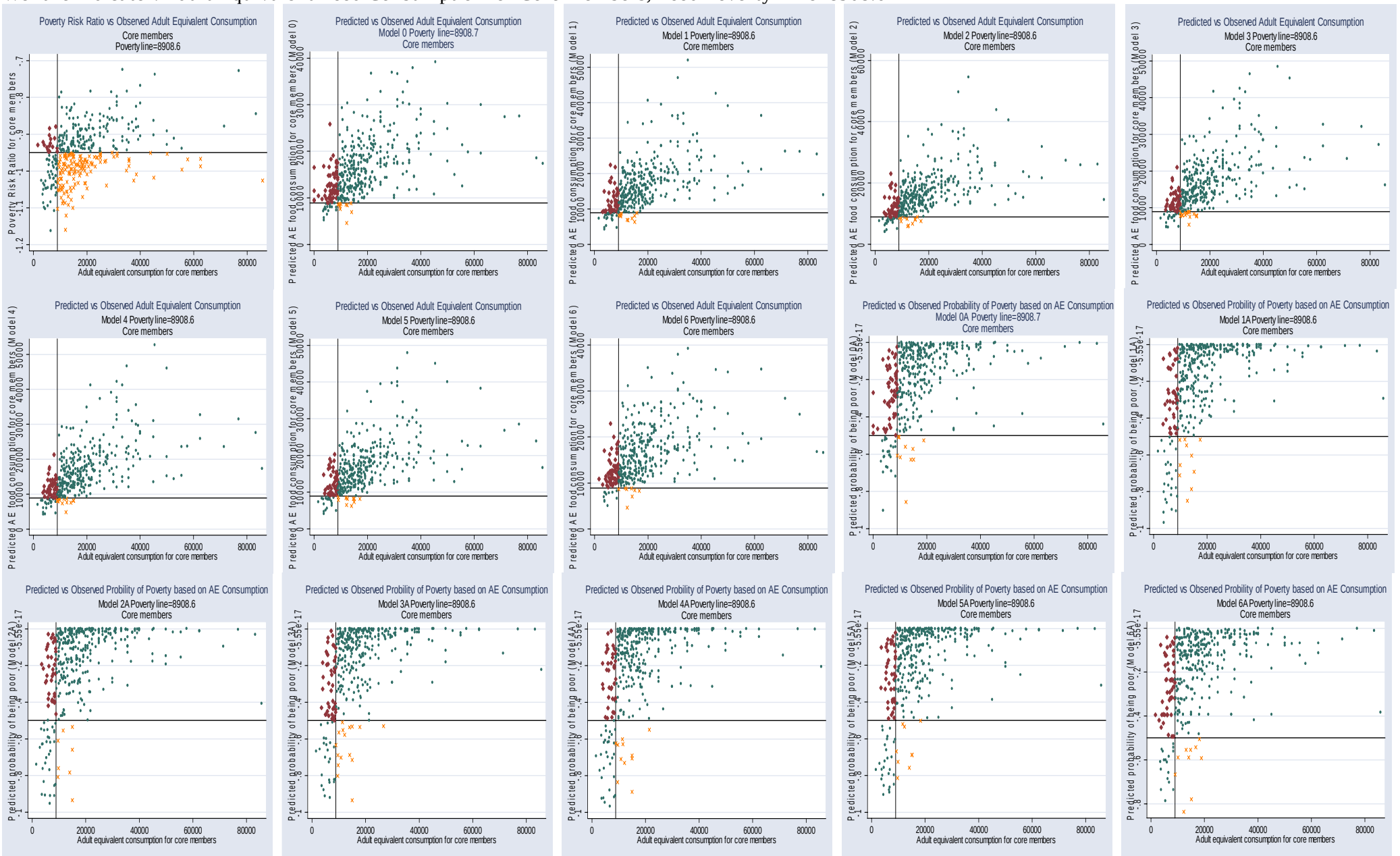


Table A.7.1: Comparison of Poverty Status Based on "True" Welfare and Child Money Receipt Status (Individual level)

Food poverty line: 17,639 MNT a month; Poverty line= 30,337 MNT (National poverty line)

		All non-adults			Non-adults who are members of households with 3 or more children			Non-adults who are members of households with a child		
		Receive Child Money?			Receive Child Money?			Receive Child Money?		
		NO	YES	Total	NO	YES	Total	NO	YES	Total
PC food expense for all members	Non-poor	105	19	124	38	17	55	104	19	123
		23.23%	***5.92%***	*16.04%*	*27.94%*	***5.38%***	*12.17%*	*23.06%*	***5.97%***	*15.99%*
		84.68%	15.32%	100.00%	69.09%	30.91%	100.00%	84.55%	15.45%	100.00%
	Poor	347	302	649	98	299	397	347	299	646
		76.77%	*94.08%*	*83.96%*	*72.06%*	*94.62%*	*87.83%*	*76.94%*	*94.03%*	*84.01%*
		53.47%	46.53%	100.00%	**24.69%**	75.31%	100.00%	**53.72%**	46.28%	100.00%
	Total	452	321	773	136	316	452	451	318	769
		58.47%	41.53%		30.09%	69.91%		58.65%	41.35%	
PC food expense for core members	Non-poor	98	16	114	35	14	49	97	16	113
		20.29%	***4.92%***	*14.11%*	*25.36%*	***4.38%***	*10.70%*	*20.73%*	***4.97%***	*14.30%*
		85.96%	14.04%	100.00%	71.43%	28.57%	100.00%	85.84%	14.16%	100.00%
	Poor	385	309	694	103	306	409	371	306	677
		79.71%	*95.08%*	*85.89%*	*74.64%*	*95.63%*	*89.30%*	*79.27%*	*95.03%*	*85.70%*
		55.48%	44.52%	100.00%	**25.18%**	74.82%	100.00%	**54.80%**	45.20%	100.00%
	Total	483	325	808	138	320	458	468	322	790
		59.78%	40.22%		30.13%	69.87%		59.24%	40.76%	
AE food expense for core members	Non-poor	204	75	279	67	73	140	192	76	268
		45.13%	***23.36%***	*36.09%*	*49.26%*	***23.10%***	*30.97%*	*41.03%*	***23.60%***	*33.92%*
		73.12%	26.88%	100.00%	47.86%	52.14%	100.00%	71.64%	28.36%	100.00%
	Poor	248	246	494	69	243	312	276	246	522
		54.87%	*76.64%*	*63.91%*	*50.74%*	*76.90%*	*69.03%*	*58.97%*	*76.40%*	*66.08%*
		50.20%	49.80%	100.00%	**22.12%**	77.88%	100.00%	**52.87%**	47.13%	100.00%
	Total	452	321	773	136	316	452	468	322	790
		58.47%	41.53%		30.09%	69.91%		59.24%	40.76%	
AE food expense for core members	Non-poor	197	76	273	64	74	138	458	138	596
		40.79%	***23.38%***	*33.79%*	*46.38%*	***23.13%***	*30.13%*	*37.76%*	***24.51%***	*33.56%*
		72.16%	27.84%	100.00%	46.38%	53.62%	100.00%	76.85%	23.15%	100.00%
	Poor	286	249	535	74	246	320	755	425	1180
		59.21%	*76.62%*	*66.21%*	*53.62%*	*76.88%*	*69.87%*	*62.24%*	*75.49%*	*66.44%*
		53.46%	46.54%	100.00%	**23.13%**	76.88%	100.00%	**63.98%**	36.02%	100.00%
	Total	483	325	808	138	320	458	1213	563	1776
		59.78%	40.22%		30.13%	69.87%		68.30%	31.70%	
PC income for core members	Non-poor	110	9	119	26	9	35	109	9	118
		25.00%	***2.78%***	*15.58%*	*19.12%*	***2.82%***	*7.69%*	*24.83%*	***2.80%***	*15.53%*
		92.44%	7.56%	100.00%	74.29%	25.71%	100.00%	92.37%	7.63%	100.00%
	Poor	330	315	645	110	310	420	330	312	642
		75.00%	*97.22%*	*84.42%*	*80.88%*	*97.18%*	*92.31%*	*75.17%*	*97.20%*	*84.47%*
		51.16%	48.84%	100.00%	**26.19%**	73.81%	100.00%	**51.40%**	48.60%	100.00%
	Total	440	324	764	136	319	455	439	321	760
		57.59%	42.41%		29.89%	70.11%		57.76%	42.24%	
PCincome for core members	Non-poor	118	9	127	30	9	39	115	9	124
		25.21%	***2.74%***	*15.95%*	*21.74%*	***2.79%***	*8.46%*	*25.39%*	***2.77%***	*15.94%*
		92.91%	7.09%	100.00%	76.92%	23.08%	100.00%	92.74%	7.26%	100.00%
	Poor	350	319	669	108	314	422	338	316	654
		74.79%	*97.26%*	*84.05%*	*78.26%*	*97.21%*	*91.54%*	*74.61%*	*97.23%*	*84.06%*
		52.32%	47.68%	100.00%	**25.59%**	74.41%	100.00%	**51.68%**	48.32%	100.00%
	Total	468	328	796	138	323	461	453	325	778
		58.79%	41.21%		29.93%	70.07%		58.23%	41.77%	

Notes: Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.7.2: Comparison of Poverty Status Based on "True" Welfare and PRR Method (Individual-level)

Food poverty line: 17,639 MNT a month; Poverty line= 30,337 MNT (National poverty line)

		Living standard according to Poverty Risk Ratio method						
		Affordable	Average	Poor	Extremely poor	Total	Non poor	Poor
PC food expense for all members	Non-poor	24 *85.71%* 6.25%	223 *29.23%* 58.07%	137 *12.23%* 35.68%	0 *0.00%* 0.00%	384 *19.80%* 100.00%	247 *31.23%* 64.32%	137 ***11.93%*** 35.68%
	Poor	4 *14.29%* 0.26%	540 *70.77%* 34.73%	983 *87.77%* 63.22%	28 *100.00%* 1.80%	100 *5.16%* 100.00%	544 *68.77%* **34.98%**	1011 *88.07%* 65.02%
	Total	28 1.44%	763 39.35%	1120 57.76%	28 1.44%	1939	791 40.79%	1148 59.21%
PC food expense for core members	Non-poor	21 *84.00%* 6.09%	201 *26.59%* 58.26%	123 *10.27%* 35.65%	0 *0.00%* 0.00%	345 *17.18%* 100.00%	222 *28.43%* 64.35%	123 ***10.02%*** 35.65%
	Poor	4 *16.00%* 0.24%	555 *73.41%* 33.37%	1075 *89.73%* 64.64%	29 *100.00%* 1.74%	100 *4.98%* 100.00%	559 *71.57%* **33.61%**	1104 *89.98%* 66.39%
	Total	25 1.25%	756 37.65%	1198 59.66%	29 1.44%	2008	781 38.89%	1227 61.11%
AE food expense for core members	Non-poor	21 *84.00%* 3.02%	350 *46.48%* 50.29%	325 *27.33%* 46.70%	0 *0.00%* 0.00%	696 *34.87%* 100.00%	401 *50.89%* 55.31%	324 ***28.45%*** 44.69%
	Poor	4 *16.00%* 0.31%	403 *53.52%* 31.00%	864 *72.67%* 66.46%	29 *100.00%* 2.23%	100 *5.01%* 100.00%	387 *49.11%* **32.20%**	815 *71.55%* 67.80%
	Total	25 1.25%	753 37.73%	1189 59.57%	29 1.45%	1996	788 40.89%	1139 59.11%
AE food expense for core members	Non-poor	8 *88.89%* 5.03%	92 *48.94%* 57.86%	59 *29.35%* 37.11%	0 *0.00%* 0.00%	159 *39.65%* 100.00%	371 *47.69%* 53.30%	325 ***26.68%*** 46.70%
	Poor	1 *11.11%* 0.41%	96 *51.06%* 39.67%	142 *70.65%* 58.68%	3 *100.00%* 1.24%	242 *60.35%* 100.00%	407 *52.31%* **31.31%**	893 *73.32%* 68.69%
	Total	9 2.24%	188 46.88%	201 50.12%	3 0.75%	401	778 38.98%	1218 61.02%
PC income for core members	Non-poor	28 *100.00%* 6.32%	273 *36.02%* 61.63%	142 *12.83%* 32.05%	0 *0.00%* 0.00%	443 *23.06%* 100.00%	301 *38.30%* 67.95%	142 ***12.51%*** 32.05%
	Poor	0 *0.00%* 0.00%	485 *63.98%* 32.81%	965 *87.17%* 65.29%	28 *100.00%* 1.89%	100 *5.21%* 100.00%	485 *61.70%* **32.81%**	993 *87.49%* 67.19%
	Total	28 1.46%	758 39.46%	1107 57.63%	28 1.46%	1921	786 40.92%	1135 59.08%
PCincome for core members	Non-poor	25 *100.00%* 5.58%	262 *34.84%* 58.48%	161 *13.63%* 35.94%	0 *0.00%* 0.00%	448 *22.55%* 100.00%	287 *36.94%* 64.06%	161 ***13.31%*** 35.94%
	Poor	0 *0.00%* 0.00%	490 *65.16%* 31.84%	1020 *86.37%* 66.28%	29 *100.00%* 1.88%	100 *5.03%* 100.00%	490 *63.06%* **31.84%**	1049 *86.69%* 68.16%
	Total	25 1.26%	752 37.85%	1181 59.44%	29 1.46%	1987	777 39.10%	1210 60.90%

Notes: Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.7.3: Comparison of Poverty Status Based on PRR Method and Child Money Receipt Status (Individual-level)

Food poverty line: 17,639 MNT a month; Poverty line= 30,337 MNT (National poverty line)

		All households			Households with 3 or more children			Households with 1 or more children		
		Receive Child Money?			Receive Child Money?			Receive Child Money?		
		NO	YES	Total	NO	YES	Total	NO	YES	Total
All members of a household	Non-poor	199	75	274	28	70	98	199	72	271
		43.07%	***23.15%***	*34.86%*	*20.14%*	***21.94%***	*21.40%*	*43.26%*	***22.43%***	*34.70%*
		72.63%	27.37%	100.00%	28.57%	71.43%	100.00%	73.43%	26.57%	100.00%
	Poor	263	249	512	111	249	360	261	249	510
		56.93%	*76.85%*	*65.14%*	*79.86%*	*78.06%*	*78.60%*	*56.74%*	*77.57%*	*65.30%*
		51.37%	48.63%	100.00%	**30.83%**	69.17%	100.00%	**51.18%**	48.82%	100.00%
	Total	462	324	786	139	319	458	460	321	781
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		58.78%	41.22%	100.00%	30.35%	69.65%	100.00%	58.90%	41.10%	100.00%
Core members of a household	Non-poor	198	69	267	28	64	92	196	66	262
		40.16%	***21.04%***	*32.52%*	*19.86%*	***19.81%***	*19.83%*	*41.09%*	***20.31%***	*32.67%*
		74.16%	25.84%	100.00%	30.43%	69.57%	100.00%	74.81%	25.19%	100.00%
	Poor	295	259	554	113	259	372	281	259	540
		59.84%	*78.96%*	*67.48%*	*80.14%*	*80.19%*	*80.17%*	*58.91%*	*79.69%*	*67.33%*
		53.25%	46.75%	100.00%	**30.38%**	69.62%	100.00%	**52.04%**	47.96%	100.00%
	Total	493	328	821	141	323	464	477	325	802
		100%	*100%*		*100%*	*100%*		*100%*	*100%*	
		60.05%	39.95%	100.00%	30.39%	69.61%	100.00%	59.48%	40.52%	100.00%

Notes: Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.7.4:Inclusion Errors, Exclusion Errors, Undercoverage rates and Leakage rates under Alternative Tools. Poverty line=National (Food Poverty Line=17,639 MNT, Poverty Line=30,337 MNT (Individual-level)

		Model 0			Model 1			Model 2			Model 3			Model 4			Model 5			Model 6		
		Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total
PC food expense for all members	Non-poor	116	264	380	116	262	378	133	245	378	137	233	370	141	229	370	138	240	378	118	262	380
		56.04%	***15.78%***	*20.21%*	*62.03%*	***15.55%***	*20.19%*	*68.21%*	***14.65%***	*20.25%*	*64.93%*	***14.18%***	*19.96%*	*75.40%*	***13.74%***	*19.96%*	*64.19%*	***14.53%***	*20.25%*	*64.84%*	***15.43%***	*20.21%*
		30.53%	69.47%	100.00%	30.69%	69.31%	100.00%	35.19%	64.81%	100.00%	37.03%	62.97%	100.00%	38.11%	61.89%	100.00%	36.51%	63.49%	100.00%	31.05%	68.95%	100.00%
	Poor	91	1409	1500	71	1423	1494	62	1427	1489	74	1410	1484	46	1438	1484	77	1412	1489	64	1436	1500
		43.96%	*84.22%*	*79.79%*	*37.97%*	*84.45%*	*79.81%*	*31.79%*	*85.35%*	*79.75%*	*35.07%*	*85.82%*	*80.04%*	*24.60%*	*86.26%*	*80.04%*	*35.81%*	*85.47%*	*79.75%*	*35.16%*	*84.57%*	*79.79%*
		6.07%	93.93%	100.00%	**4.75%**	95.25%	100.00%	**4.16%**	95.84%	100.00%	**4.99%**	95.01%	100.00%	**3.10%**	96.90%	100.00%	**5.17%**	94.83%	100.00%	**4.27%**	95.73%	100.00%
	Total	207	1673	1880	187	1685	1872	195	1672	1867	211	1643	1854	187	1667	1854	215	1652	1867	182	1698	1880
		11.01%	88.99%	100.00%	9.99%	90.01%	100.00%	10.44%	89.56%	100.00%	11.38%	88.62%	100.00%	10.09%	89.91%	100.00%	11.52%	88.48%	100.00%	9.68%	90.32%	100.00%
PC food expense for core members	Non-poor	91	250	341	110	229	339	115	224	339	125	214	339	119	220	339	115	224	339	107	234	341
		51.70%	***14.12%***	*17.52%*	*69.62%*	***12.90%***	*17.54%*	*66.09%*	***12.73%***	*17.54%*	*68.68%*	***12.35%***	*17.70%*	*70.41%*	***12.60%***	*17.70%*	*65.34%*	***12.79%***	*17.58%*	*56.02%*	***13.33%***	*17.52%*
		26.69%	73.31%	100.00%	32.45%	67.55%	100.00%	33.92%	66.08%	100.00%	36.87%	63.13%	100.00%	35.10%	64.90%	100.00%	33.92%	66.08%	100.00%	31.38%	68.62%	100.00%
	Poor	85	1520	1605	48	1546	1594	59	1535	1594	57	1519	1576	50	1526	1576	61	1528	1589	84	1521	1605
		48.30%	*85.88%*	*82.48%*	*30.38%*	*87.10%*	*82.46%*	*33.91%*	*87.27%*	*82.46%*	*31.32%*	*87.65%*	*82.30%*	*29.59%*	*87.40%*	*82.30%*	*34.66%*	*87.21%*	*82.42%*	*43.98%*	*86.67%*	*82.48%*
		5.30%	94.70%	100.00%	**3.01%**	96.99%	100.00%	**3.70%**	96.30%	100.00%	**3.62%**	96.38%	100.00%	**3.17%**	96.83%	100.00%	**3.84%**	96.16%	100.00%	**5.23%**	94.77%	100.00%
	Total	176	1770	1946	158	1775	1933	174	1759	1933	182	1733	1915	169	1746	1915	176	1752	1928	191	1755	1946
		9.04%	90.96%	100.00%	8.17%	91.83%	100.00%	9.00%	91.00%	100.00%	9.50%	90.50%	100.00%	8.83%	91.17%	100.00%	9.13%	90.87%	100.00%	9.82%	90.18%	100.00%
AE food expense for core members	Non-poor	405	307	712	343	369	712	377	327	704	384	307	691	408	291	699	433	271	704	399	313	712
		67.95%	***23.91%***	*37.87%*	*62.25%*	***27.77%***	*37.87%*	*64.22%*	***25.55%***	*37.71%*	*64.97%*	***24.31%***	*37.27%*	*67.55%*	***23.13%***	*37.54%*	*67.03%*	***22.10%***	*37.61%*	*65.52%*	***24.63%***	*37.87%*
		56.88%	43.12%	100.00%	48.17%	51.83%	100.00%	53.55%	46.45%	100.00%	55.57%	44.43%	100.00%	58.37%	41.63%	100.00%	61.51%	38.49%	100.00%	56.04%	43.96%	100.00%
	Poor	191	977	1168	208	960	1168	210	953	1163	207	956	1163	196	967	1163	213	955	1168	210	958	1168
		32.05%	*76.09%*	*62.13%*	*37.75%*	*72.23%*	*62.13%*	*35.78%*	*74.45%*	*62.29%*	*35.03%*	*75.69%*	*62.73%*	*32.45%*	*76.87%*	*62.46%*	*32.97%*	*77.90%*	*62.39%*	*34.48%*	*75.37%*	*62.13%*
		16.35%	83.65%	100.00%	**17.81%**	82.19%	100.00%	**18.06%**	81.94%	100.00%	**17.80%**	82.20%	100.00%	**16.85%**	83.15%	100.00%	**18.24%**	81.76%	100.00%	**17.98%**	82.02%	100.00%
	Total	596	1284	1880	551	1329	1880	587	1280	1867	591	1263	1854	604	1258	1862	646	1226	1872	609	1271	1880
		31.70%	68.30%	100.00%	29.31%	70.69%	100.00%	31.44%	68.56%	100.00%	31.88%	68.12%		32.44%	67.56%		34.51%	65.49%	100.00%	32.39%	67.61%	100.00%
AE food expense for core members	Non-poor	356	329	685	362	315	677	372	305	677	370	302	672	377	295	672	403	274	677	349	336	685
		66.05%	***23.38%***	*35.20%*	*64.30%*	***22.99%***	*35.02%*	*67.76%*	***22.04%***	*35.02%*	*65.84%*	***22.24%***	*35.00%*	*68.67%*	***21.60%***	*35.09%*	*72.35%*	***19.91%***	*35.02%*	*66.73%*	***23.61%***	*35.20%*
		51.97%	48.03%	100.00%	53.47%	46.53%	100.00%	54.95%	45.05%	100.00%	55.06%	44.94%	100.00%	56.10%	43.90%	100.00%	59.53%	40.47%	100.00%	50.95%	49.05%	100.00%
	Poor	183	1078	1261	201	1055	1256	177	1079	1256	192	1056	1248	172	1071	1243	154	1102	1256	174	1087	1261
		33.95%	*76.62%*	*64.80%*	*35.70%*	*77.01%*	*64.98%*	*32.24%*	*77.96%*	*64.98%*	*34.16%*	*77.76%*	*65.00%*	*31.33%*	*78.40%*	*64.91%*	*27.65%*	*80.09%*	*64.98%*	*33.27%*	*76.39%*	*64.80%*
		14.51%	85.49%	100.00%	**16.00%**	84.00%	100.00%	**14.09%**	85.91%	100.00%	**15.38%**	84.62%	100.00%	**13.84%**	86.16%	100.00%	**12.26%**	87.74%	100.00%	**13.80%**	86.20%	100.00%
	Total	539	1407	1946	563	1370	1933	549	1384	1933	562	1358	1920	549	1366	1915	557	1376	1933	523	1423	1946
		27.70%	72.30%	100.00%	29.13%	70.87%	100.00%	28.40%	71.60%		29.27%	70.73%		28.67%	71.33%		28.82%	71.18%	100.00%	26.88%	73.12%	100.00%
PC income for core members	Non-poor	253	180	433	270	163	433	285	146	431	271	160	431	293	138	431	293	140	433	255	178	433
		65.04%	***12.07%***	*23.03%*	*75.00%*	***10.76%***	*23.09%*	*78.51%*	***9.75%***	*23.16%*	*75.49%*	***10.78%***	*23.39%*	*78.98%*	***9.38%***	*23.39%*	*76.50%*	***9.38%***	*23.09%*	*69.11%*	***11.78%***	*23.03%*
		58.43%	41.57%	100.00%	62.36%	37.64%	100.00%	66.13%	33.87%	100.00%	62.88%	37.12%	100.00%	67.98%	32.02%	100.00%	67.67%	32.33%	100.00%	58.89%	41.11%	100.00%
	Poor	136	1311	1447	90	1352	1442	78	1352	1430	88	1324	1412	78	1334	1412	90	1352	1442	114	1333	1447
		34.96%	*87.93%*	*76.97%*	*25.00%*	*89.24%*	*76.91%*	*21.49%*	*90.25%*	*76.84%*	*24.51%*	*89.22%*	*76.61%*	*21.02%*	*90.63%*	*76.61%*	*23.50%*	*90.62%*	*76.91%*	*30.89%*	*88.22%*	*76.97%*
		9.40%	90.60%	100.00%	**6.24%**	93.76%	100.00%	**5.45%**	94.55%	100.00%	**6.23%**	93.77%	100.00%	**5.52%**	94.48%	100.00%	**6.24%**	93.76%	100.00%	**7.88%**	92.12%	100.00%
	Total	389	1491	1880	360	1515	1875	363	1498	1861	359	1484	1843	371	1472	1843	383	1492	1875	369	1511	1880
		20.69%	79.31%	100.00%	19.20%	80.80%	100.00%	19.51%	80.49%	100.00%	19.48%	80.52%	100.00%	20.13%	79.87%	100.00%	20.43%	79.57%	100.00%	19.63%	80.37%	100.00%
PCincome for core members	Non-poor	247	191	438	267	171	438	264	174	438	262	161	423	294	129	423	284	154	438	235	203	438
		68.04%	***12.07%***	*22.51%*	*73.15%*	***10.85%***	*22.57%*	*74.58%*	***10.96%***	*22.57%*	*70.43%*	***10.47%***	*22.16%*	*77.37%*	***8.44%***	*22.16%*	*76.76%*	***9.80%***	*22.57%*	*66.76%*	***12.74%***	*22.51%*
		56.39%	43.61%	100.00%	60.96%	39.04%	100.00%	60.27%	39.73%	100.00%	61.94%	38.06%	100.00%	69.50%	30.50%	100.00%	64.84%	35.16%	100.00%	53.65%	46.35%	100.00%
	Poor	116	1392	1508	98	1405	1503	90	1413	1503	110	1376	1486	86	1400	1486	86	1417	1503	117	1391	1508
		31.96%	*87.93%*	*77.49%*	*26.85%*	*89.15%*	*77.43%*	*25.42%*	*89.04%*	*77.43%*	*29.57%*	*89.53%*	*77.84%*	*22.63%*	*91.56%*	*77.84%*	*23.24%*	*90.20%*	*77.43%*	*33.24%*	*87.26%*	*77.49%*
		7.69%	92.31%	100.00%	**6.52%**	93.48%	100.00%	**5.99%**	94.01%	100.00%	**7.40%**	92.60%	100.00%	**5.79%**	94.21%	100.00%	**5.72%**	94.28%	100.00%	**7.76%**	92.24%	100.00%
	Total	363	1583	1946	365	1576	1941	354	1587	1941	372	1537	1909	380	1529	1909	370	1571	1941	352	1594	1946
		18.65%	81.35%	100.00%	18.80%	81.20%	100.00%	18.24%	81.76%	100.00%	19.49%	80.51%	100.00%	19.91%	80.09%	100.00%	19.06%	80.94%	100.00%	18.09%	81.91%	100.00%

Notes: Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.7.5: Inclusion Errors, Exclusion Errors, Undercoverage rates and Leakage rates under Alternative Tools. Poverty line=Poverty line=National (Food Poverty Line=17,639 MNT, Poverty Line=30,337 MNT (Individual-level)

		Model 0A			Model 1A			Model 2A			Model 3A			Model 4A			Model 5A			Model 6A		
		Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total
PC food expense for all members	Non-poor	129	248	377	129	249	378	155	223	378	172	198	370	168	202	370	151	227	378	137	243	380
		65.15%	***15.38%***	*20.82%*	*62.93%*	***14.94%***	*20.19%*	*61.51%*	***13.81%***	*20.25%*	*67.45%*	***12.42%***	*20.01%*	*68.29%*	***12.56%***	*19.96%*	*64.81%*	***13.85%***	*20.19%*	*62.84%*	***14.62%***	*20.21%*
		34.22%	65.78%	100.00%	34.13%	65.87%	100.00%	41.01%	58.99%	100.00%	46.49%	53.51%	100.00%	45.41%	54.59%	100.00%	39.95%	60.05%	100.00%	36.05%	63.95%	100.00%
	Poor	69	1365	1434	76	1418	1494	97	1392	1489	83	1396	1479	78	1406	1484	82	1412	1494	81	1419	1500
		34.85%	*84.62%*	*79.18%*	*37.07%*	*85.06%*	*79.81%*	*38.49%*	*86.19%*	*79.75%*	*32.55%*	*87.58%*	*79.99%*	*31.71%*	*87.44%*	*80.04%*	*35.19%*	*86.15%*	*79.81%*	*37.16%*	*85.38%*	*79.79%*
		4.81%	95.19%	100.00%	***5.09%***	94.91%	100.00%	***6.51%***	93.49%	100.00%	***5.61%***	94.39%	100.00%	***5.26%***	94.74%	100.00%	***5.49%***	94.51%	100.00%	***5.40%***	94.60%	100.00%
	Total	198	1613	1811	205	1667	1872	252	1615	1867	255	1594	1849	246	1608	1854	233	1639	1872	218	1662	1880
		10.93%	89.07%	100.00%	10.95%	89.05%	100.00%	13.50%	86.50%	100.00%	13.79%	86.21%	100.00%	13.27%	86.73%	100.00%	12.45%	87.55%	100.00%	11.60%	88.40%	100.00%
PC food expense for core members	Non-poor	112	226	338	117	222	339	125	210	335	172	167	339	170	169	339	141	194	335	110	231	341
		65.12%	***13.26%***	*18.01%*	*55.98%*	***12.84%***	*17.49%*	*54.11%*	***12.38%***	*17.38%*	*65.65%*	***10.13%***	*17.75%*	*66.41%*	***10.19%***	*17.70%*	*65.58%*	***11.33%***	*17.38%*	*65.09%*	***13.00%***	*17.52%*
		33.14%	66.86%	100.00%	34.51%	65.49%	100.00%	37.31%	62.69%	100.00%	50.74%	49.26%	100.00%	50.15%	49.85%	100.00%	42.09%	57.91%	100.00%	32.26%	67.74%	100.00%
	Poor	60	1479	1539	92	1507	1599	106	1486	1592	90	1481	1571	86	1490	1576	74	1518	1592	59	1546	1605
		34.88%	*86.74%*	*81.99%*	*44.02%*	*87.16%*	*82.51%*	*45.89%*	*87.62%*	*82.62%*	*34.35%*	*89.87%*	*82.25%*	*33.59%*	*89.81%*	*82.30%*	*34.42%*	*88.67%*	*82.62%*	*34.91%*	*87.00%*	*82.48%*
		3.90%	96.10%	100.00%	***5.75%***	94.25%	100.00%	***6.66%***	93.34%	100.00%	***5.73%***	94.27%	100.00%	***5.46%***	94.54%	100.00%	***4.65%***	95.35%	100.00%	***3.68%***	96.32%	100.00%
	Total	172	1705	1877	209	1729	1938	231	1696	1927	262	1648	1910	256	1659	1915	215	1712	1927	169	1777	1946
		9.16%	90.84%	100.00%	10.78%	89.22%	100.00%	11.99%	88.01%	100.00%	13.72%	86.28%	100.00%	13.37%	86.63%	100.00%	11.16%	88.84%	100.00%	8.68%	91.32%	100.00%
AE food expense for core members	Non-poor	408	301	709	391	313	704	405	299	704	399	292	691	477	214	691	441	263	704	418	294	712
		70.10%	***23.24%***	*37.77%*	*68.84%*	***24.00%***	*37.61%*	*66.07%*	***23.84%***	*37.71%*	*73.35%*	***22.29%***	*37.27%*	*76.57%*	***17.38%***	*37.27%*	*73.13%*	***20.72%***	*37.61%*	*68.30%*	***23.19%***	*37.87%*
		57.55%	42.45%	100.00%	55.54%	44.46%	100.00%	57.53%	42.47%	100.00%	57.74%	42.26%	100.00%	69.03%	30.97%	100.00%	62.64%	37.36%	100.00%	58.71%	41.29%	100.00%
	Poor	174	994	1168	177	991	1168	208	955	1163	145	1018	1163	146	1017	1163	162	1006	1168	194	974	1168
		29.90%	*76.76%*	*62.23%*	*31.16%*	*76.00%*	*62.39%*	*33.93%*	*76.16%*	*62.29%*	*26.65%*	*77.71%*	*62.73%*	*23.43%*	*82.62%*	*62.73%*	*26.87%*	*79.28%*	*62.39%*	*31.70%*	*76.81%*	*62.13%*
		14.90%	85.10%	100.00%	***15.15%***	84.85%	100.00%	***17.88%***	82.12%	100.00%	***12.47%***	87.53%	100.00%	***12.55%***	87.45%	100.00%	***13.87%***	86.13%	100.00%	***16.61%***	83.39%	100.00%
	Total	582	1295	1877	568	1304	1872	613	1254	1867	544	1310	1854	623	1231	1854	603	1269	1872	612	1268	1880
		31.01%	68.99%	100.00%	30.34%	69.66%	100.00%	32.83%	67.17%	100.00%	29.34%	70.66%		33.60%	66.40%		32.21%	67.79%	100.00%	32.55%	67.45%	100.00%
AE food expense for core members	Non-poor	345	337	682	383	294	677	368	309	677	401	271	672	412	260	672	403	274	677	342	343	685
		66.09%	***23.72%***	*35.10%*	*69.26%*	***21.23%***	*34.93%*	*67.52%*	***22.26%***	*35.02%*	*72.12%*	***19.94%***	*35.09%*	*74.10%*	***19.13%***	*35.09%*	*70.83%*	***20.09%***	*35.02%*	*65.14%*	***24.14%***	*35.20%*
		50.59%	49.41%	100.00%	56.57%	43.43%	100.00%	54.36%	45.64%	100.00%	59.67%	40.33%	100.00%	61.31%	38.69%	100.00%	59.53%	40.47%	100.00%	49.93%	50.07%	100.00%
	Poor	177	1084	1261	170	1091	1261	177	1079	1256	155	1088	1243	144	1099	1243	166	1090	1256	183	1078	1261
		33.91%	*76.28%*	*64.90%*	*30.74%*	*78.77%*	*65.07%*	*32.48%*	*77.74%*	*64.98%*	*27.88%*	*80.06%*	*64.91%*	*25.90%*	*80.87%*	*64.91%*	*29.17%*	*79.91%*	*64.98%*	*34.86%*	*75.86%*	*64.80%*
		14.04%	85.96%	100.00%	***13.48%***	86.52%	100.00%	***14.09%***	85.91%	100.00%	***12.47%***	87.53%	100.00%	***11.58%***	88.42%	100.00%	***13.22%***	86.78%	100.00%	***14.51%***	85.49%	100.00%
	Total	522	1421	1943	553	1385	1938	545	1388	1933	556	1359	1915	556	1359	1915	569	1364	1933	525	1421	1946
		26.87%	73.13%	100.00%	28.53%	71.47%	100.00%	28.19%	71.81%		29.03%	70.97%		29.03%	70.97%		29.44%	70.56%	100.00%	26.98%	73.02%	100.00%
PC income for core members	Non-poor	289	144	433	246	187	433	246	187	433	287	144	431	307	124	431	312	119	431	257	176	433
		76.25%	***9.72%***	*23.28%*	*74.77%*	***12.06%***	*23.03%*	*74.77%*	***12.06%***	*23.03%*	*76.33%*	***9.78%***	*23.32%*	*73.98%*	***8.65%***	*23.32%*	*78.79%*	***8.18%***	*23.30%*	*75.37%*	***11.44%***	*23.03%*
		66.74%	33.26%	100.00%	56.81%	43.19%	100.00%	56.81%	43.19%	100.00%	66.59%	33.41%	100.00%	71.23%	28.77%	100.00%	72.39%	27.61%	100.00%	59.35%	40.65%	100.00%
	Poor	90	1337	1427	83	1364	1447	83	1364	1447	89	1328	1417	108	1309	1417	84	1335	1419	84	1363	1447
		23.75%	*90.28%*	*76.72%*	*25.23%*	*87.94%*	*76.97%*	*25.23%*	*87.94%*	*76.97%*	*23.67%*	*90.22%*	*76.68%*	*26.02%*	*91.35%*	*76.68%*	*21.21%*	*91.82%*	*76.70%*	*24.63%*	*88.56%*	*76.97%*
		6.31%	93.69%	100.00%	***5.74%***	94.26%	100.00%	***5.74%***	94.26%	100.00%	***6.28%***	93.72%	100.00%	***7.62%***	92.38%	100.00%	***5.92%***	94.08%	100.00%	***5.81%***	94.19%	100.00%
	Total	379	1481	1860	329	1551	1880	329	1551	1880	376	1472	1848	415	1433	1848	396	1454	1850	341	1539	1880
		20.38%	79.62%	100.00%	17.50%	82.50%	100.00%	17.50%	82.50%	100.00%	20.35%	79.65%	100.00%	22.46%	77.54%	100.00%	21.41%	78.59%	100.00%	18.14%	81.86%	100.00%
PCincome for core members	Non-poor	217	221	438	284	154	438	290	148	438	266	157	423	288	148	436	293	145	438	216	222	438
		74.57%	***13.52%***	*22.74%*	*75.33%*	***9.82%***	*22.51%*	*78.17%*	***9.43%***	*22.57%*	*73.89%*	***10.14%***	*22.16%*	*81.13%*	***9.41%***	*22.63%*	*77.31%*	***9.28%***	*22.57%*	*75.79%*	***13.37%***	*22.51%*
		49.54%	50.46%	100.00%	64.84%	35.16%	100.00%	66.21%	33.79%	100.00%	62.88%	37.12%	100.00%	66.06%	33.94%	100.00%	66.89%	33.11%	100.00%	49.32%	50.68%	100.00%
	Poor	74	1414	1488	93	1415	1508	81	1422	1503	94	1392	1486	67	1424	1491	86	1417	1503	69	1439	1508
		25.43%	*86.48%*	*77.26%*	*24.67%*	*90.18%*	*77.49%*	*21.83%*	*90.57%*	*77.43%*	*26.11%*	*89.86%*	*77.84%*	*18.87%*	*90.59%*	*77.37%*	*22.69%*	*90.72%*	*77.43%*	*24.21%*	*86.63%*	*77.49%*
		4.97%	95.03%	100.00%	***6.17%***	93.83%	100.00%	***5.39%***	94.61%	100.00%	***6.33%***	93.67%	100.00%	***4.49%***	95.51%	100.00%	***5.72%***	94.28%	100.00%	***4.58%***	95.42%	100.00%
	Total	291	1635	1926	377	1569	1946	371	1570	1941	360	1549	1909	355	1572	1927	379	1562	1941	285	1661	1946
		15.11%	84.89%	100.00%	19.37%	80.63%	100.00%	19.11%	80.89%	100.00%	18.86%	81.14%	100.00%	18.42%	81.58%	100.00%	19.53%	80.47%	100.00%	14.65%	85.35%	100.00%

Notes: Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.

Table A.7.6: Inclusion Errors, Exclusion Errors, Undercoverage rates and Leakage rates under Alternative Tools. Poverty line=National (Food Poverty Line=17,639 MNT, Poverty Line=30,337 MNT (Individual-level)

		Model 0B			Model 1B			Model 2B			Model 3B			Model 4B			Model 5B			Model 6B		
		Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total	Non-poor	Poor	Total
PC food expense for all members	Non-poor	137	240	377	129	249	378	160	218	378	185	185	370	172	198	370	181	197	378	134	246	380
		67.82%	***14.92%***	*20.82%*	*62.93%*	***14.94%***	*20.19%*	*67.51%*	***13.37%***	*20.25%*	*72.27%*	***11.61%***	*20.01%*	*71.07%*	***12.28%***	*19.96%*	*69.62%*	***12.26%***	*20.25%*	*64.73%*	***14.70%***	*20.21%*
		36.34%	63.66%	100.00%	34.13%	65.87%	100.00%	42.33%	57.67%	100.00%	50.00%	50.00%	100.00%	46.49%	53.51%	100.00%	47.88%	52.12%	100.00%	35.26%	64.74%	100.00%
	Poor	65	1369	1434	76	1418	1494	77	1412	1489	71	1408	1479	70	1414	1484	79	1410	1489	73	1427	1500
		32.18%	*85.08%*	*79.18%*	*37.07%*	*85.06%*	*79.81%*	*32.49%*	*86.63%*	*79.75%*	*27.73%*	*88.39%*	*79.99%*	*28.93%*	*87.72%*	*80.04%*	*30.38%*	*87.74%*	*79.75%*	*35.27%*	*85.30%*	*79.79%*
		4.53%	95.47%	100.00%	**5.09%**	94.91%	100.00%	**5.17%**	94.83%	100.00%	**4.80%**	95.20%	100.00%	**4.72%**	95.28%	100.00%	**5.31%**	94.69%	100.00%	**4.87%**	95.13%	100.00%
	Total	202	1609	1811	205	1667	1872	237	1630	1867	256	1593	1849	242	1612	1854	260	1607	1867	207	1673	1880
		11.15%	88.85%	100.00%	10.95%	89.05%	100.00%	12.69%	87.31%	100.00%	13.85%	86.15%	100.00%	13.05%	86.95%	100.00%	13.93%	86.07%	100.00%	11.01%	88.99%	100.00%
PC food expense for core members	Non-poor	120	218	338	120	219	339	144	191	335	168	171	339	169	166	335	170	165	335	114	227	341
		70.59%	***12.77%***	*18.01%*	*59.11%*	***12.62%***	*17.49%*	*58.54%*	***11.36%***	*17.38%*	*68.29%*	***10.25%***	*17.70%*	*67.87%*	***10.03%***	*17.59%*	*67.19%*	***9.86%***	*17.38%*	*63.69%*	***12.85%***	*17.52%*
		35.50%	64.50%	100.00%	35.40%	64.60%	100.00%	42.99%	57.01%	100.00%	49.56%	50.44%	100.00%	50.45%	49.55%	100.00%	50.75%	49.25%	100.00%	33.43%	66.57%	100.00%
	Poor	50	1489	1539	83	1516	1599	102	1490	1592	78	1498	1576	80	1489	1569	83	1509	1592	65	1540	1605
		29.41%	*87.23%*	*81.99%*	*40.89%*	*87.38%*	*82.51%*	*41.46%*	*88.64%*	*82.62%*	*31.71%*	*89.75%*	*82.30%*	*32.13%*	*89.97%*	*82.41%*	*32.81%*	*90.14%*	*82.62%*	*36.31%*	*87.15%*	*82.48%*
		3.25%	96.75%	100.00%	**5.19%**	94.81%	100.00%	**6.41%**	93.59%	100.00%	**4.95%**	95.05%	100.00%	**5.10%**	94.90%	100.00%	**5.21%**	94.79%	100.00%	**4.05%**	95.95%	100.00%
	Total	170	1707	1877	203	1735	1938	246	1681	1927	246	1669	1915	249	1655	1904	253	1674	1927	179	1767	1946
		9.06%	90.94%	100.00%	10.47%	89.53%	100.00%	12.77%	87.23%	100.00%	12.85%	87.15%	100.00%	13.08%	86.92%	100.00%	13.13%	86.87%	100.00%	9.20%	90.80%	100.00%
AE food expense for core members	Non-poor	418	291	709	395	309	704	396	308	704	391	300	691	483	208	691	457	247	704	424	288	712
		70.85%	***22.61%***	*37.77%*	*67.29%*	***24.05%***	*37.61%*	*67.01%*	***24.14%***	*37.71%*	*72.01%*	***22.88%***	*37.27%*	*76.79%*	***16.98%***	*37.27%*	*74.31%*	***19.73%***	*37.71%*	*67.84%*	***22.95%***	*37.87%*
		58.96%	41.04%	100.00%	56.11%	43.89%	100.00%	56.25%	43.75%	100.00%	56.58%	43.42%	100.00%	69.90%	30.10%	100.00%	64.91%	35.09%	100.00%	59.55%	40.45%	100.00%
	Poor	172	996	1168	192	976	1168	195	968	1163	152	1011	1163	146	1017	1163	158	1005	1163	201	967	1168
		29.15%	*77.39%*	*62.23%*	*32.71%*	*75.95%*	*62.39%*	*32.99%*	*75.86%*	*62.29%*	*27.99%*	*77.12%*	*62.73%*	*23.21%*	*83.02%*	*62.73%*	*25.69%*	*80.27%*	*62.29%*	*32.16%*	*77.05%*	*62.13%*
		14.73%	85.27%	100.00%	**16.44%**	83.56%	100.00%	**16.77%**	83.23%	100.00%	**13.07%**	86.93%	100.00%	**12.55%**	87.45%	100.00%	**13.59%**	86.41%	100.00%	**17.21%**	82.79%	100.00%
	Total	590	1287	1877	587	1285	1872	591	1276	1867	543	1311	1854	629	1225	1854	615	1252	1867	625	1255	1880
		31.43%	68.57%	100.00%	31.36%	68.64%	100.00%	31.66%	68.34%	100.00%	29.29%	70.71%		33.93%	66.07%		32.94%	67.06%	100.00%	33.24%	66.76%	100.00%
AE food expense for core members	Non-poor	354	328	682	383	294	677	375	302	677	412	260	672	414	258	672	417	260	677	348	337	685
		66.67%	***23.23%***	*35.10%*	*68.52%*	***21.32%***	*34.93%*	*66.49%*	***22.06%***	*35.02%*	*69.71%*	***19.71%***	*35.18%*	*76.67%*	***18.76%***	*35.09%*	*71.65%*	***19.25%***	*35.02%*	*66.16%*	***23.73%***	*35.20%*
		51.91%	48.09%	100.00%	56.57%	43.43%	100.00%	55.39%	44.61%	100.00%	61.31%	38.69%	100.00%	61.61%	38.39%	100.00%	61.60%	38.40%	100.00%	50.80%	49.20%	100.00%
	Poor	177	1084	1261	176	1085	1261	189	1067	1256	179	1059	1238	126	1117	1243	165	1091	1256	178	1083	1261
		33.33%	*76.77%*	*64.90%*	*31.48%*	*78.68%*	*65.07%*	*33.51%*	*77.94%*	*64.98%*	*30.29%*	*80.29%*	*64.82%*	*23.33%*	*81.24%*	*64.91%*	*28.35%*	*80.75%*	*64.98%*	*33.84%*	*76.27%*	*64.80%*
		14.04%	85.96%	100.00%	**13.96%**	86.04%	100.00%	**15.05%**	84.95%	100.00%	**14.46%**	85.54%	100.00%	**10.14%**	89.86%	100.00%	**13.14%**	86.86%	100.00%	**14.12%**	85.88%	100.00%
	Total	531	1412	1943	559	1379	1938	564	1369	1933	591	1319	1910	540	1375	1915	582	1351	1933	526	1420	1946
		27.33%	72.67%	100.00%	28.84%	71.16%	100.00%	29.18%	70.82%		30.94%	69.06%		28.20%	71.80%		30.11%	69.89%	100.00%	27.03%	72.97%	100.00%
PC income for core members	Non-poor	258	175	433	298	135	433	298	135	433	316	115	431	313	118	431	316	115	431	257	176	433
		77.01%	***11.48%***	*23.28%*	*80.11%*	***8.95%***	*23.03%*	*80.11%*	***8.95%***	*23.03%*	*78.02%*	***8.03%***	*23.46%*	*78.64%*	***8.14%***	*23.32%*	*78.41%*	***7.89%***	*23.16%*	*75.37%*	***11.44%***	*23.03%*
		59.58%	40.42%	100.00%	68.82%	31.18%	100.00%	68.82%	31.18%	100.00%	73.32%	26.68%	100.00%	72.62%	27.38%	100.00%	73.32%	26.68%	100.00%	59.35%	40.65%	100.00%
	Poor	77	1350	1427	74	1373	1447	74	1373	1447	89	1317	1406	85	1332	1417	87	1343	1430	84	1363	1447
		22.99%	*88.52%*	*76.72%*	*19.89%*	*91.05%*	*76.97%*	*19.89%*	*91.05%*	*76.97%*	*21.98%*	*91.97%*	*76.54%*	*21.36%*	*91.86%*	*76.68%*	*21.59%*	*92.11%*	*76.84%*	*24.63%*	*88.56%*	*76.97%*
		5.40%	94.60%	100.00%	**5.11%**	94.89%	100.00%	**5.11%**	94.89%	100.00%	**6.33%**	93.67%	100.00%	**6.00%**	94.00%	100.00%	**6.08%**	93.92%	100.00%	**5.81%**	94.19%	100.00%
	Total	335	1525	1860	372	1508	1880	372	1508	1880	405	1432	1837	398	1450	1848	403	1458	1861	341	1539	1880
		18.01%	81.99%	100.00%	19.79%	80.21%	100.00%	19.79%	80.21%	100.00%	22.05%	77.95%	100.00%	21.54%	78.46%	100.00%	21.66%	78.34%	100.00%	18.14%	81.86%	100.00%
PCincome for core members	Non-poor	227	211	438	287	151	438	295	143	438	263	160	423	303	133	436	302	134	436	214	224	438
		75.42%	***12.98%***	*22.74%*	*76.94%*	***9.60%***	*22.51%*	*80.60%*	***9.08%***	*22.57%*	*77.58%*	***10.19%***	*22.16%*	*77.89%*	***8.65%***	*22.63%*	*80.11%*	***8.67%***	*22.68%*	*77.26%*	***13.42%***	*22.51%*
		51.83%	48.17%	100.00%	65.53%	34.47%	100.00%	67.35%	32.65%	100.00%	62.17%	37.83%	100.00%	69.50%	30.50%	100.00%	69.27%	30.73%	100.00%	48.86%	51.14%	100.00%
	Poor	74	1414	1488	86	1422	1508	71	1432	1503	76	1410	1486	86	1405	1491	75	1411	1486	63	1445	1508
		24.58%	*87.02%*	*77.26%*	*23.06%*	*90.40%*	*77.49%*	*19.40%*	*90.92%*	*77.43%*	*22.42%*	*89.81%*	*77.84%*	*22.11%*	*91.35%*	*77.37%*	*19.89%*	*91.33%*	*77.32%*	*22.74%*	*86.58%*	*77.49%*
		4.97%	95.03%	100.00%	**5.70%**	94.30%	100.00%	**4.72%**	95.28%	100.00%	**5.11%**	94.89%	100.00%	**5.77%**	94.23%	100.00%	**5.05%**	94.95%	100.00%	**4.18%**	95.82%	100.00%
	Total	301	1625	1926	373	1573	1946	366	1575	1941	339	1570	1909	389	1538	1927	377	1545	1922	277	1669	1946
		15.63%	84.37%	100.00%	19.17%	80.83%	100.00%	18.86%	81.14%	100.00%	17.76%	82.24%	100.00%	20.19%	79.81%	100.00%	19.61%	80.39%	100.00%	14.23%	85.77%	100.00%

Notes: Column percentage is in Italic; row percentage is underlined. Undercoverage rate is in bold and highlighted with pink background; leakage is in bold and highlighted with yellow background.