

Poverty Mapping in Yemen

Preliminary Results, Subject to Change

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March 15, 2007

1. Introduction

In this report, I describe the work I did from February 4, 2007 to March 14, 2007 to implement the poverty mapping method developed in Elbers, Lanjouw and Lanjouw (2002a), abbreviated with ELL. The idea is to measure consumption-based poverty at the disaggregated regional level by combining the information from the General Population, Housing, and Establishment Census in 2004 and the Household Budget Survey (HBS) in 2005-06 from Yemen.

Yemen has 21 governorates and 313 districts. The aim of this mission is to produce a poverty map at district level using the ELL method. The following tasks have been done to achieve this aim:

1. Select a set of variables that are common to the Census and the HBS,
2. Estimate models of household consumption per capita using HBS data for all the rural areas,
3. Predict household consumption per capita using the Census data for all the rural areas and estimate poverty indicators at district level.

In this report, section 2 is a brief summary of the ELL method. Section 3 describes the data used. In section 4 I will describe the three tasks which have been implemented on the data and present the preliminary results of the poverty estimates. The results are still under revision. Section 5 lists the remaining concerns with the results and discusses the necessary improvements.

2. Methodology

The basic idea of the ELL method is to first estimate the joint distribution of y_h , a variable on which the indicators of poverty are based, and a vector of variables x_h using a smaller and richer sample (e.g. data from a survey). By restricting x_h to be the variables on which a larger sample (e.g. data from a census) also provides information, the distribution of y_h for any sub-sample of the large sample can be generated by using the estimated distribution and the observed x_h in the larger sample. This generated distribution of y_h can then be used to generate the poverty indicators¹. I present a brief summary of the method here.

(1). Consumption model

Consumption per capita is often used to measure poverty. An estimated joint distribution of consumption per capita y_h and a vector of observed variables x_h is obtained using the ELL method by developing a linear model of y_h on x_h :

$$\ln y_{ch} = \mathbf{x}'_{ch} \boldsymbol{\beta} + u_{ch},$$

where y_{ch} is the household consumption per capita for household h in location c , x_{ch} is the vector of explanatory variables, and u_{ch} is an error term. It should be noted here that this model is only used for predicting y_{ch} but not to measure the direct effect of x_{ch} on y_{ch} , so the endogeneity of the explanatory variables is not a concern here. As the results of this model are going to be used to predict y_h in the census, it is preferred that the model fits most closely to the observations that represent a large part of the census population. Therefore population expansion factors are used as weights in this regression.

The residual term u_{ch} is defined as:

$$u_{ch} = \eta_c + \varepsilon_{ch},$$

where η_c is a location component, and ε_{ch} is a household component of the residual.

The location component η_c is used to capture the part of the error term which is due

¹ This paragraph is drawn from Elbers et. al. (2002b).

to the location characteristics common to all households in the location. The household component of the residual ε_{ch} reflects unobserved household characteristics which are not correlated with the location effect.

The variances of these two components of the error term reflect how much the household's predicted consumption deviates from its actual consumption. This deviation is one of the sources of the prediction error of the poverty indicators. The idiosyncratic component ε_{ch} falls approximately proportionately in sample size (Elbers et. al. 2002a), so for a large enough sample the idiosyncratic component of the error term does not cause serious problem to the precision of the estimates of poverty indicators. The location component η_c does not fall in sample size, so it is important to capture as much the effect of the location in the consumption model as possible. The means of the observed variables calculated at certain location level (e.g. enumeration area) using the census data can be inserted into the survey data and used as regressors in the consumption model. They can usually do a good job in reducing the location effect.

This consumption model is estimated using GLS. An OLS estimation is first performed to obtain the variance-covariance matrix of the error term. The residuals \hat{u}_{ch} from the OLS estimation can be decomposed into two parts:

$$\hat{u}_{ch} = \hat{u}_{c.} + (\hat{u}_{ch} - \hat{u}_{c.}) = \hat{\eta}_c + e_{ch},$$

where a subscript “.” indicates an average over that index.

The variance of the location component $\hat{\sigma}_\eta^2$ can be estimated nonparametrically.

The component e_{ch} can be used to estimate the variances of ε_{ch} . A logistic form is used in this estimation:

$$\ln\left[\frac{e_{ch}^2}{A - e_{ch}^2}\right] = \mathbf{z}_{ch}^T \hat{\alpha} + r_{ch},$$

where \mathbf{z}_{ch} are the variables which best explain variation in e_{ch}^2 . In this way the prediction is bounded between zero and a maximum A . If A is set equal to $(1.05) * \max\{e_{ch}^2\}$ and $B = \exp\{\mathbf{z}_{ch}^T \hat{\alpha}\}$, using the delta method the variance of ε_{ch} is estimated as:

$$\hat{\sigma}_{\varepsilon, ch}^2 = \left[\frac{AB}{1+B}\right] + \frac{1}{2} \text{Var}(r) \left[\frac{AB(1-B)}{(1+B)^3}\right].$$

Once these two variances are calculated, they can be filled into the variance-covariance matrix of the error term and the model can be estimated by GLS.

(2). *Poverty indicators*

The second set of tasks in the ELL method is to apply the estimates from the regression of the consumption model to the census data, predict the consumption from the census data and calculate the poverty indicators.

This task is done by simulation. For each simulation a vector of the parameters $\tilde{\beta}$ is drawn from the multivariate normal distribution described by the GLS estimation of the consumption model and the associated variance-covariance matrix. The location component of the error term $\tilde{\eta}_c$ is drawn randomly with replacement from the set of $\hat{\eta}_c$. To draw the household component $\tilde{\varepsilon}_{ch}$, $\tilde{\varepsilon}_{ch}^*$ is first drawn for each household with replacement from the set of all standardized residuals², or from the standard residuals that correspond to the cluster from which the household's location effect is derived. The household component is then set to be $\tilde{\varepsilon}_{ch}^* \times \hat{\sigma}_{\varepsilon, ch}$. With the results from each draw values of $\tilde{\beta}$, $\tilde{\eta}_c$, and $\tilde{\varepsilon}_{ch}$, the value of per capita consumption \hat{y}_{ch} is estimated for each simulation as:

$$\hat{y}_{ch} = \exp(\mathbf{x}'_{ch} \tilde{\beta} + \tilde{\eta}_c + \tilde{\varepsilon}_{ch}).$$

Finally, the full vector of simulated per capita consumption \hat{y}_{ch} , is used to calculate the mean and standard deviation of each poverty indicator.

3. Data

(1). *Census data*

The General Population, Housing, and Establishment Census was conducted by Central Statistical Organization, Ministry of Planning & International Cooperation,

² Standardized residuals are calculated using the formula:

$$e^* = \frac{e_{ch}}{\hat{\sigma}_{\varepsilon, ch}} - \left[\frac{1}{H} \sum_{ch} \frac{e_{ch}}{\hat{\sigma}_{\varepsilon, ch}} \right].$$

Republic of Yemen in December 2004. The total number of households covered in the census is 2,831,929³. For urban households, the administration contains six levels: governorate, district, sub-district, city, zone and neighborhood. The administration for rural households contains five levels: governorate, district, sub-district, village and sub-village. Table 1 lists the number of the administrative levels in each governorate. All the administrative areas are then divided into 21,582 enumeration areas (EA). Table 1 also lists the number of EAs in each governorate. We can see from Table 1 that for urban areas, the number of EAs is in between of the number of zones and neighborhoods for some governorates and smaller than the number of neighborhoods for some governorates. For rural areas the number of EAs is between the number of subdistricts and the number of villages.

Two kinds of questionnaires are used in the census: the short questionnaire and the long questionnaire. The short questionnaire has seven components: housing unit properties, transport vehicles and durable goods, general & social data, data of disabled household members, married status and educational data. The long questionnaire is used for 10% of the households and it contains all the sections in the short one plus three sections: economic data, fertility data and mortality data. The long questionnaire provides richer information, but since it is only used by 10% of the households using the household level data from the long questionnaire can often increase the standard errors of the estimates of the poverty indicators. In the case of Yemen the three extra sections covered in the long questionnaire provide little common information compared to the survey data. Therefore they are not used in the later analysis.

(2). Survey data⁴

The Household Budget Survey 2005-06 was also conducted by Central Statistical Organization of Yemen. The sample frame for the HBS was the 2004 General Population, Housing, and Establishment Census. Yemen consists of 21 governorates. The study population was sorted into 38 strata. 17 governorates were represented by

³ Among these households, 231,565 households only contain data on dwelling because the houses were not occupied or the household does not have a household head. These households are dropped from later analysis.

⁴ The description of the design of the HBS is drawn from Godoy and Muñoz (2006).

two strata (urban and rural), whereas Sana'a City and Aden are only urban and Remah and Sana'a Region are only rural. This resulted in 19 urban strata and 19 rural strata.

Within each stratum, the sample was selected in two stages. In the first stage, a certain number of Census Enumeration Areas (EAs) were selected with probability proportional to size (using as a measure of size the number of households according to the pre-census estimates available in January 2005). In the second stage, 12 households were picked from each EA by systematic equal probability sampling.

In order to produce estimates of consumption in all governorates of both rural and urban populations, the total sample of 1,200 EAs was distributed across strata by a combination of allocation proportional to size and equal allocation. The final sample allocation is as shown in Table 2.

The HBS data contain information on household roster, activities, dwelling conditions, health, education, anthropometrics, income, durable goods and consumption. Among these, information on household roster, dwelling conditions, education, durable goods is also available in the census.

4. Implementation

4.1 Select a set of variables that are common to the Census and the HBS

Table 3 lists all the variables generated using the common information in the census and the survey. The variables are in four categories: dwelling, durables, demography and education. Variables from these four categories are all very likely to be correlated to household consumption and can be good predictors of it. The high degree of comparability of selected variables is crucial for getting accurate estimates of poverty indicators. It has been checked that these variables have the same meaning in the census and in the survey. The distributions of these variables are compared in each stratum to make sure that a variable has the same distribution in the census and the survey.

As mentioned in section 2, unlike the idiosyncratic component the variance of the location component in the error term does not fall with the sample size. Thus it is

essential to capture the location effect as much as possible in the consumption model. This is currently done by generating means of the observed variables at the zone level for the urban areas and at the subdistrict level for the rural areas using the census data. Table 4 lists all the census means generated. It should be noted that these census means can be generated not only for the variables which are common to both census and survey but also for the variables which only appear in the census but not in the survey. These census means are then inserted into the survey data as candidates, which then can be used as regressor in consumption models.

4.2 Estimate models of household consumption per capita using HBS data for all the rural areas

Consumption models are estimated for each stratum. Two criteria are used to evaluate the consumption models: the R square of the model and the ratio of the variance of the location effect to the variance of the error term. Table 5.1 to Table 5.19 show all the results of the regressions of the consumption models. For the 19 rural strata, the R squares vary from 0.33 to 0.76. The census means calculated at subdistrict level seem to capture the location effect well except for governorate 28, which also has the lowest R square.

4.3 Predict household consumption per capita using the census data for all the rural areas

The results of the consumption models shown in Table 5 are applied to predict household consumption per capita using the census data. The estimates of poverty indicators FGT0 and FGT1 based on 100 simulations are listed in Table 6.

5. Problems with current results and further work

There are two main points of improvement.

First, the census means need to be generated at EA level and the method needs to be implemented on a revised version of the consumption data. Due to the data constraints in this stage of the work, the census means are generated at zone level for urban areas and subdistrict level for rural areas. It turns out that for urban areas the census means

at zone level do not capture the location effect very well. As we can see from Table 1, the number of zones and the number of subdistricts are very different from the numbers of EAs in each governorate. Census means generated at EA level may do a better job in improving the R squares of the consumption regressions and capturing the location effect. The consumption models are required to be revised using the final version of the consumption data.

Second, the reliability of the estimates of the poverty indicators needs to be checked. There are still two serious problems. First of all, when applying the models listed in Table 5 and measuring the poverty at governorate level, I get estimates which are much higher than the estimates calculated using the survey data directly for some of the governorates. Since the HBS is representative at the governorate level, it is worrying that the estimates calculated in these two ways are different. The reason is not clear at this point. Second, the estimates are not stable over different specifications of consumption models. I noticed that for some districts the estimates of poverty indicators are very sensitive to the selection of the variables in the consumption model. One reason for this can be that some variables included in the consumption model do not exhibit the same underlying distributions across the data sources and these were not detected in the early stage. It requires checking the distributions of the candidate variables more carefully to detect the problematic variables.

6. References

Elbers C., Lanjouw J. O., Lanjouw P. 2002a. "Micro-level Estimation of Welfare." Working Paper No. 2911, The World Bank, Washington, D.C.

Elbers, Chris, Jean O. Lanjouw, and Peter Lanjouw. 2002b. "Micro-Level Estimation of Poverty and Inequality", *Econometrica*, 71(1): 355-64.

Godoy, B. and Juan Muñoz. 2006. "Preparation of the Household Budget Survey 2005-2006 databases for tabulation and analysis." Notes on Mission to Sana'a, Yemen October 30 to November 8, 2006, The World Bank, Washington, D.C.

Table 1: Number of households, administrative areas and EAs in each governorate in census data

| Governorate | Urban | | | | | | | Rural | | | | | |
|----------------|------------|-----------|--------------|--------|-------|---------|-------|------------|-----------|--------------|----------|-------------|-------|
| | households | districts | subdistricts | cities | zones | neighb. | EAs | households | districts | subdistricts | villages | subvillages | EAs |
| 11 Ibb | 54,126 | 17 | 19 | 19 | 23 | 356 | 371 | 259,492 | 20 | 251 | 2,717 | 17,208 | 2,054 |
| 12 Abyan | 15,524 | 7 | 7 | 11 | 27 | 89 | 106 | 43,446 | 11 | 11 | 2,978 | 2,979 | 356 |
| 13 Sana'a City | 260,825 | 12 | 12 | 12 | 89 | 791 | 1,637 | 4,971 | 1 | 3 | 52 | 172 | 41 |
| 14 Al-Baida | 14,023 | 9 | 9 | 10 | 10 | 105 | 91 | 55,774 | 19 | 109 | 1,478 | 3,171 | 441 |
| 15 Taiz | 88,474 | 16 | 17 | 17 | 17 | 317 | 621 | 304,262 | 20 | 233 | 1,983 | 16,407 | 2,286 |
| 16 Al-Jawf | 7,236 | 11 | 11 | 11 | 11 | 121 | 44 | 49,230 | 12 | 47 | 481 | 2,466 | 293 |
| 17 Hajja | 17,275 | 19 | 19 | 20 | 20 | 216 | 135 | 169,586 | 31 | 161 | 3,780 | 13,830 | 1,503 |
| 18 Al-Hodeida | 120,603 | 24 | 33 | 34 | 34 | 283 | 803 | 246,919 | 24 | 135 | 2,298 | 5,796 | 1,878 |
| 19 Hadramout | 66,375 | 24 | 25 | 30 | 82 | 149 | 428 | 75,605 | 30 | 37 | 3,837 | 3,847 | 550 |
| 20 Dhamar | 25,879 | 8 | 8 | 8 | 8 | 134 | 183 | 173,069 | 12 | 312 | 3,373 | 13,419 | 1,416 |
| 21 Shabwah | 9,637 | 11 | 11 | 11 | 19 | 43 | 74 | 43,412 | 17 | 24 | 3,337 | 3,540 | 398 |
| 22 Sa'adah | 12,924 | 11 | 13 | 13 | 13 | 157 | 91 | 68,529 | 15 | 121 | 1,194 | 6,438 | 606 |
| 23 Sana'a Reg. | 3,653 | 9 | 10 | 10 | 10 | 67 | 29 | 112,119 | 16 | 145 | 2,156 | 7,218 | 913 |
| 24 Aden | 97,289 | 8 | 8 | 8 | 44 | 242 | 633 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 Laheg | 9,720 | 9 | 9 | 10 | 10 | 110 | 65 | 104,882 | 14 | 40 | 4,124 | 5,840 | 757 |
| 26 Mareb | 3,962 | 5 | 5 | 5 | 5 | 29 | 29 | 24,029 | 14 | 59 | 467 | 2,162 | 208 |
| 27 Al-Mahweet | 4,674 | 6 | 6 | 6 | 6 | 71 | 35 | 60,849 | 9 | 114 | 1,213 | 4,647 | 531 |
| 28 Al-Maharh | 5,220 | 6 | 6 | 6 | 18 | 51 | 40 | 7,636 | 9 | 12 | 367 | 369 | 75 |
| 29 Amran | 18,728 | 15 | 16 | 16 | 16 | 179 | 152 | 80,408 | 20 | 125 | 1,629 | 5,707 | 753 |
| 30 Al-Dhale | 8,445 | 8 | 8 | 8 | 8 | 140 | 62 | 52,640 | 9 | 41 | 1,688 | 2,900 | 409 |
| 31 Remah | 617 | 3 | 3 | 3 | 3 | 31 | 5 | 49,862 | 6 | 89 | 737 | 6,679 | 480 |

Table 2: HBS final sample allocation

| Governorate | No. of clusters | | | No. of households | | |
|------------------|-----------------|-------|-------|-------------------|-------|--------|
| | Urban | Rural | Total | Urban | Rural | Total |
| 11 Ibb | 43 | 41 | 84 | 516 | 492 | 1,008 |
| 12 Abyan | 30 | 18 | 48 | 360 | 216 | 576 |
| 13 Sana'a City | 156 | 0 | 156 | 1,872 | 0 | 1872 |
| 14 Al-Baida | 29 | 19 | 48 | 348 | 228 | 576 |
| 15 Taiz | 56 | 40 | 96 | 672 | 480 | 1152 |
| 16 Al-Jawf | 22 | 14 | 36 | 264 | 168 | 432 |
| 17 Hajja | 30 | 30 | 60 | 360 | 360 | 720 |
| 18 Al-Hodeida | 75 | 33 | 108 | 900 | 396 | 1,296 |
| 19 Hadramout | 41 | 19 | 60 | 492 | 228 | 720 |
| 20 Dhamar | 31 | 29 | 60 | 372 | 348 | 720 |
| 21 Shabwah | 21 | 15 | 36 | 252 | 180 | 432 |
| 22 Sa'adah | 28 | 20 | 48 | 336 | 240 | 576 |
| 23 Sana'a Region | 0 | 24 | 24 | 0 | 288 | 288 |
| 24 Aden | 72 | 0 | 72 | 864 | 0 | 864 |
| 25 Laheg | 25 | 23 | 48 | 300 | 276 | 576 |
| 26 Mareb | 22 | 14 | 36 | 264 | 168 | 432 |
| 27 Al-Mahweet | 27 | 21 | 48 | 324 | 252 | 576 |
| 28 Al-Maharh | 12 | 12 | 24 | 144 | 144 | 288 |
| 29 Amran | 27 | 21 | 48 | 324 | 252 | 576 |
| 30 Al-Dhale | 22 | 14 | 36 | 264 | 168 | 432 |
| 31 Remah | 0 | 24 | 24 | 0 | 288 | 288 |
| Total | 769 | 431 | 1,200 | 9,228 | 5,172 | 14,400 |

Source: Figure 3, Godoy and Muñoz (2006)

Table 3: Variables generated using information common in both the census and the survey

| Variable name | Definition |
|---------------|---|
| housetype1 | The type of the house of the household is house/villa |
| housetype2 | The type of the house of the household is apartment |
| housetype3 | The type of the house of the household is hut |
| housetype4 | The type of the house of the household is tent |
| housetype5 | The type of the house of the household is habitable establishment |
| water1 | The main source water supply is public network |
| water2 | The main source water supply is private network |
| water3 | The main source water supply is cooperative network |
| sewage1 | The type of sewage disposal system is public network |
| sewage2 | The type of sewage disposal system is close pot |
| sewage3 | The type of sewage disposal system is open pot |

Table 3: Variables generated using information common in both the census and the survey (continued)

| Variable name | Definition |
|---------------|---|
| LIGHT1 | The main source of lighting is public network |
| LIGHT2 | The main source of lighting is cooperative network |
| LIGHT3 | The main source of lighting is private network |
| LIGHT4 | The main source of lighting is private generator |
| LIGHT5 | The main source of lighting is kerosene |
| LIGHT6 | The main source of lighting is gas |
| COOK1 | The main source used for cooking is electricity |
| COOK2 | The main source used for cooking is kerosene |
| OWNHOUSE1 | The household owns the house |
| OWNHOUSE2 | The household rents the house |
| DURABLE1 | No. of private cars owned by the household |
| DURABLE2 | No. of taxi's owned by the household |
| DURABLE3 | No. of buses owned by the household |
| DURABLE4 | No. of small trucks owned by the household |
| DURABLE5 | No. of large trucks owned by the household |
| DURABLE6 | No. of motor bikes owned by the household |
| DURABLE7* | No. of mixers owned by the household |
| DURABLE8 | No. of phones owned by the household |
| DURABLE9 | No. of mobiles owned by the household |
| DURABLE10 | No. of refrigerators owned by the household |
| DURABLE11 | No. of washing machines owned by the household |
| DURABLE12 | No. of TVs owned by the household |
| DURABLE13* | No. of radios owned by the household |
| DURABLE14* | No. of water heaters owned by the household |
| DURABLE15 | No. of sewing machines owned by the household |
| DURABLE16 | No. of PCs owned by the household |
| DURABLE17 | No. of satellite dish owned by the household |
| DURABLE18 | No. of air conditioner owned by the household |
| HEADAGE | Age of the head |
| SPOUSEAGE | Mean age of spouses of the head |
| ADULT | No. of adult (age>=16) |
| MALE | No. of male in the household |
| FEMALE | No. of female in the household |
| ADULTMALE | No. of adult male in the household |
| ADULTFEMALE | No. of adult female in the household |
| MARRIED | No. of married people in the household |
| SINGLE | No. of single people in the household |
| DIVORCED | No. of divorced people in the household |
| WIDOW | No. of widows in the household |
| YEMENIS | No. of people who are Yemenis in the household |
| DISABLED | No. of disabled people in the household |
| SPOUSENO | No. of spouses of the head |
| EDUHEAD | Education level of the head |
| EDUSPOUSE | Mean education level of spouses |
| EDUHIGH | Highest level of education in the household |
| UNIVERSITY | No. of people who finish university or higher education |
| PRIMARY | No. of people who finish primary school |
| HHSIZE | The size of the household |

* The variable is detected to have different meanings in the census and the survey. The variable is dropped from later analysis.

Table 4: Census means

| Variable name | Definition |
|---------------|---|
| HOUSETYPE1_D | The percentage of households whose type of the houses are house/villa |
| HOUSETYPE2_D | The percentage of households whose type of the houses are apartment |
| HOUSETYPE3_D | The percentage of households whose type of the houses are hut |
| HOUSETYPE4_D | The percentage of households whose type of the houses are tent |
| HOUSETYPE5_D | The percentage of households whose type of the houses are habitable establishment |
| WATER1_D | The percentage of households whose main source of water supply is public network |
| WATER2_D | The percentage of households whose main source of water supply is private network |
| WATER3_D | The percentage of households whose main source of water supply is cooperative network |
| SEWAGE1_D | The percentage of households whose type of sewage disposal system is public network |
| SEWAGE2_D | The percentage of households whose type of sewage disposal system is close pot |
| SEWAGE3_D | The percentage of households whose type of sewage disposal system is open pot |
| LIGHT1_D | The percentage of households whose main source of lighting is public network |
| LIGHT2_D | The percentage of households whose main source of lighting is cooperative network |
| LIGHT3_D | The percentage of households whose main source of lighting is private network |
| LIGHT4_D | The percentage of households whose main source of lighting is private generator |
| LIGHT5_D | The percentage of households whose main source of lighting is kerosene |
| LIGHT6_D | The percentage of households whose main source of lighting is gas |
| COOK1_D | The percentage of households whose main source used for cooking is electricity |
| COOK2_D | The percentage of households whose main source used for cooking is kerosene |
| OWNHOUSE1_D | The percentage of households who own their houses |
| OWNHOUSE2_D | The percentage of households who rent their houses |
| DURABLE1_D | Average No. of private cars owned by households |
| DURABLE2_D | Average No. of taxi's owned by households |
| DURABLE3_D | Average No. of buses owned by households |
| DURABLE4_D | Average No. of small trucks owned by households |
| DURABLE5_D | Average No. of large trucks owned by households |
| DURABLE6_D | Average No. of motor bikes owned by households |
| DURABLE8_D | Average No. of phones owned by households |
| DURABLE9_D | Average No. of mobiles owned by households |
| DURABLE10_D | Average No. of refrigerators owned by households |
| DURABLE11_D | Average No. of washing machines owned by households |
| DURABLE12_D | Average No. of TVs owned by households |
| DURABLE15_D | Average No. of sewing machines owned by households |
| DURABLE16_D | Average No. of PCs owned by households |
| DURABLE17_D | Average No. of satellite dish owned by households |
| DURABLE18_D | Average No. of air conditioner owned by households |
| HEADAGE_D | Average age of household heads |
| POPUL_D | Population |
| HHNO_D | No. of households |
| PRIMARY_D | Percentage of people who finish primary school |
| UNIVERSITY_D | Percentage of people who finish university |

Table 5: Results of consumption regressions

Table 5.1: Rural Ibb

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 11.21 | 0.09 |
| COOK2_D | -18.97 | 5.61 |
| DURABLE1 | 0.33 | 0.10 |
| DURABLE10_D | -1.47 | 0.41 |
| DURABLE11_D | 2.61 | 0.67 |
| DURABLE17 | 0.31 | 0.08 |
| DURABLE2_D | 13.12 | 4.13 |
| DURABLE8 | 0.28 | 0.08 |
| DURABLE9_D | 1.93 | 0.31 |
| HOUSETYPE3_D | 8.67 | 1.69 |
| LIGHT6_D | 0.80 | 0.22 |
| PRIMARYP | 0.68 | 0.16 |
| SINGLEP | -0.45 | 0.13 |
| SIZE | -0.03 | 0.01 |
| WATER1_D | 0.58 | 0.18 |
| WATER2_D | -1.85 | 0.33 |
| Obs. | 463 | |
| R square | 0.41 | |

Table 5.2: Rural Abyan

| | Coefficient | Std. Err. |
|-------------|-------------|-----------|
| _intercept_ | 11.10 | 0.13 |
| ADULTP | 0.56 | 0.13 |
| DURABLE1 | 0.36 | 0.11 |
| DURABLE12 | 0.12 | 0.06 |
| DURABLE16 | 2.03 | 0.49 |
| DURABLE17 | 0.42 | 0.13 |
| DURABLE8 | 0.18 | 0.08 |
| EDUHIGH | 0.07 | 0.02 |
| HOUSETYPE4 | 0.34 | 0.11 |
| LIGHT3 | -0.24 | 0.13 |
| LIGHT5_D | -0.60 | 0.17 |
| OWNHOUSE2 | 0.80 | 0.24 |
| SEWAGE2 | 0.14 | 0.06 |
| SINGLE | -0.07 | 0.01 |
| WATER1_D | -1.52 | 0.27 |
| Obs. | 189 | |
| R square | 0.58 | |

Table 5.3: Rural Al-Baida

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 11.03 | 0.15 |
| COOK2_D | -20.34 | 10.42 |
| DURABLE14_D | -4.20 | 1.33 |
| DURABLE15_D | -6.14 | 2.15 |
| DURABLE17_D | 5.88 | 1.09 |
| DURABLE4 | 0.74 | 0.26 |
| DURABLE8_D | 1.19 | 0.22 |
| DURABLE9 | 0.25 | 0.05 |
| HOUSETYPE5_D | 34.32 | 11.75 |
| LIGHT1_1* | 0.38 | 0.18 |
| LIGHT4_D | -2.43 | 0.50 |
| LIGHT5_0 | 0.23 | 0.09 |
| MALE | -0.08 | 0.02 |
| MALEP | 0.87 | 0.23 |
| SEWAGE3_D | 1.01 | 0.28 |
| SINGLEP | -0.92 | 0.17 |
| Obs. | 222 | |
| R square | 0.46 | |

* For dummy variables, variable_1=1 if variable=1, variable_1=0 if variable=0; variable_0=1 if variable=0, variable_0=0 if variable=1.

Table 5 (continued): Results of consumption regressions

Table 5.4: Rural Taiz

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 14.12 | 1.20 |
| ADULTP | 0.32 | 0.10 |
| COOK2_1 | -0.44 | 0.19 |
| DURABLE10_D | -9.63 | 1.93 |
| DURABLE12_D | -1.79 | 0.41 |
| DURABLE13_D | -0.86 | 0.19 |
| DURABLE15_D | 7.82 | 1.56 |
| DURABLE7_D | 231.04 | 84.86 |
| DURABLE9 | 0.21 | 0.05 |
| HHNO_D | 0.00 | 0.00 |
| HOUSETYPE1_0 | -0.33 | 0.13 |
| HOUSETYPE5_D | -8.33 | 2.16 |
| LIGHT1_1 | -0.28 | 0.11 |
| LIGHT1_D | 2.05 | 0.35 |
| LIGHT2_D | 4.24 | 0.82 |
| LIGHT4_D | 15.82 | 2.11 |
| LIGHT5_0 | 0.28 | 0.08 |
| MALEP | 0.28 | 0.12 |
| OWNHOUSE1_D | -2.88 | 1.21 |
| SEWAGE2_0 | -0.14 | 0.05 |
| SINGLE | -0.07 | 0.01 |
| WATER1_0 | -0.25 | 0.09 |
| WATER2_1 | 0.44 | 0.10 |
| WATER2_D | -1.48 | 0.31 |
| WATER4_D | 0.77 | 0.17 |
| Obs. | 450 | |
| R square | 0.4 | |

Table 5.5: Rural Al-Jawf

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 13.43 | 0.33 |
| DIVORCEDP | -0.81 | 0.46 |
| DURABLE18 | 0.92 | 0.45 |
| HOUSETYPE3_D | -2.01 | 0.59 |
| HOUSETYPE4_D | -0.64 | 0.30 |
| LIGHT4_0 | -0.42 | 0.20 |
| LIGHT6_D | -0.97 | 0.41 |
| MALEP | -0.83 | 0.28 |
| SEWAGE3_D | -1.04 | 0.29 |
| SINGLEP | -0.82 | 0.24 |
| SIZE | -0.07 | 0.02 |
| Obs. | 148 | |
| R square | 0.41 | |

Table 5.6: Rural Hajja

| | Coefficient | Std. Err. |
|-------------|-------------|-----------|
| _intercept_ | 11.27 | 0.19 |
| ADULT | -0.09 | 0.01 |
| ADULTP | 0.72 | 0.14 |
| COOK1_D | -20.91 | 7.47 |
| COOK2_D | -1.59 | 0.37 |
| DURABLE1 | 0.47 | 0.09 |
| DURABLE15_D | -3.15 | 0.95 |
| DURABLE18_D | 31.30 | 11.30 |
| DURABLE4_D | 10.32 | 1.57 |
| DURABLE5 | 0.80 | 0.25 |
| DURABLE6 | 0.37 | 0.15 |
| DURABLE6_D | 6.58 | 0.80 |
| HHNO_D | 0.00 | 0.00 |
| LIGHT2_D | 5.73 | 1.78 |
| LIGHT5_0 | 0.16 | 0.06 |
| SEWAGE2_0 | -0.22 | 0.08 |
| SINGLEP | -0.64 | 0.14 |
| WATER1_D | -0.91 | 0.20 |
| Obs. | 346 | |
| R square | 0.61 | |

Table 5 (continued): Results of consumption regressions

Table 5.7: Rural Al-Hodeida

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 11.07 | 0.35 |
| ADULT | -0.08 | 0.01 |
| ADULTP | 1.07 | 0.09 |
| DURABLE10_D | -19.76 | 3.64 |
| DURABLE15_D | 15.89 | 3.27 |
| DURABLE5_D | 22.56 | 5.33 |
| DURABLE6_D | -4.46 | 0.84 |
| DURABLE8 | 0.85 | 0.38 |
| HOUSETYPE3_0 | 0.15 | 0.05 |
| HOUSETYPE3_D | 0.32 | 0.14 |
| LIGHT6_D | -5.50 | 1.03 |
| OWNHOUSE2_0 | -0.69 | 0.29 |
| PRIMARYP | 0.51 | 0.20 |
| UNIVERSITY_D | 127.44 | 29.39 |
| WATER1_1 | 0.30 | 0.10 |
| WATER5_D | -74.06 | 15.59 |
| Obs. | 377 | |
| R square | 0.47 | |

Table 5.8: Rural Hadramout

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 13.07 | 0.45 |
| COOK1_D | -94.02 | 27.67 |
| DIVORCED | -0.93 | 0.19 |
| DIVORCEDP | 5.32 | 1.02 |
| DURABLE1 | 0.16 | 0.08 |
| DURABLE13_D | -0.75 | 0.21 |
| DURABLE17 | 0.21 | 0.07 |
| DURABLE2_D | -7.33 | 2.93 |
| DURABLE4 | 0.40 | 0.17 |
| HOUSETYPE3_1 | -1.13 | 0.29 |
| LIGHT6_1 | -1.08 | 0.25 |
| OWNHOUSE1_0 | 0.34 | 0.14 |
| OWNHOUSE2_0 | 0.63 | 0.38 |
| SIZE | -0.03 | 0.01 |
| WATER3_0 | -1.39 | 0.20 |
| WATER5_D | -340.43 | 152.58 |
| Obs. | 203 | |
| R square | 0.52 | |

Table 5.9: Rural Dhamar

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 15.28 | 0.76 |
| ADULT | -0.14 | 0.02 |
| ADULTP | 1.13 | 0.10 |
| COOK1_D | -34.64 | 5.91 |
| DURABLE1 | 0.28 | 0.08 |
| DURABLE10 | 0.41 | 0.12 |
| DURABLE11 | 0.57 | 0.14 |
| DURABLE1_D | -3.76 | 0.64 |
| DURABLE2 | 0.65 | 0.16 |
| DURABLE4 | 0.35 | 0.11 |
| DURABLE8_D | -1.24 | 0.32 |
| HOUSETYPE1_D | -4.57 | 0.80 |
| LIGHT1_D | 0.35 | 0.08 |
| LIGHT4_D | 5.04 | 0.98 |
| LIGHT5_0 | 0.18 | 0.06 |
| MARRIED | 0.06 | 0.02 |
| PRIMARY | 0.08 | 0.03 |
| UNIVERSITY | -1.00 | 0.29 |
| UNIVERSITYP | 9.20 | 2.10 |
| WATER1_D | -0.71 | 0.16 |
| WATER2_D | 3.05 | 0.41 |
| WATER3_1 | -0.81 | 0.15 |
| WATER4_D | 0.31 | 0.10 |
| WATER5_D | -87.30 | 16.39 |
| Obs. | 339 | |
| R square | 0.51 | |

Table 5 (continued): Results of consumption regressions

Table 5.10: Rural Shabwah

| | Coefficient | Std. Err. |
|-------------|-------------|-----------|
| _intercept_ | 11.53 | 0.30 |
| DIVORCED | -1.17 | 0.66 |
| DIVORCEDP | 10.08 | 5.09 |
| DURABLE1 | 0.49 | 0.10 |
| DURABLE15_D | -3.04 | 0.80 |
| DURABLE16_D | 20.02 | 8.71 |
| DURABLE8_D | 1.90 | 0.43 |
| HEADAGE | -0.01 | 0.00 |
| LIGHT2_1 | 0.50 | 0.19 |
| MARRIED | -0.08 | 0.02 |
| MARRIEDP | 1.28 | 0.26 |
| Obs. | 159 | |
| R square | 0.48 | |

Table 5.11: Rural Sa'adah

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 10.74 | 0.11 |
| ADULTP | 0.94 | 0.11 |
| DURABLE1 | 0.19 | 0.06 |
| DURABLE4 | 0.18 | 0.07 |
| DURABLE5 | -0.21 | 0.11 |
| DURABLE5_D | -17.46 | 2.69 |
| DURABLE9 | 0.14 | 0.06 |
| HEADAGE | 0.00 | 0.00 |
| HOUSETYPE4_D | -1.63 | 0.33 |
| OWNHOUSE2_D | 8.32 | 1.02 |
| PRIMARY_D | 3.66 | 0.93 |
| SEWAGE3_0 | 0.17 | 0.06 |
| SEWAGE3_D | -0.47 | 0.16 |
| Obs. | 217 | |
| R square | 0.49 | |

Table 5.12: rural Sana'a Region

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 10.36 | 0.08 |
| ADULT | -0.07 | 0.01 |
| ADULTMALEP | 0.53 | 0.19 |
| ADULTP | 0.70 | 0.12 |
| DURABLE1 | 0.20 | 0.04 |
| DURABLE1_D | -2.55 | 0.40 |
| DURABLE2_D | -7.66 | 1.11 |
| DURABLE4 | 0.23 | 0.05 |
| DURABLE5_D | 13.91 | 1.89 |
| DURABLE7_D | -144.96 | 45.40 |
| DURABLE8 | 0.15 | 0.05 |
| DURABLE9 | 0.22 | 0.04 |
| HOUSETYPE3_D | 2.35 | 0.93 |
| HOUSETYPE5_D | 25.70 | 6.16 |
| PRIMARYP | 0.67 | 0.15 |
| PRIMARY_D | 6.35 | 0.75 |
| WATER5_D | -105.24 | 19.73 |
| Obs. | 273 | |
| R square | 0.71 | |

Table 5 (continued): Results of consumption regressions

Table 5.13: Rural Laheg

| | Coefficient | Std. Err. |
|-------------|-------------|-----------|
| _intercept_ | 5.66 | 1.18 |
| COOK2_D | 16.16 | 3.09 |
| DURABLE1 | 0.31 | 0.16 |
| DURABLE11_1 | -0.32 | 0.10 |
| DURABLE12_D | 1.09 | 0.22 |
| DURABLE4 | 0.45 | 0.21 |
| DURABLE9 | 0.28 | 0.06 |
| LIGHT3_D | -4.89 | 0.76 |
| MARRIED | -0.07 | 0.02 |
| OWNHOUSE1_D | 6.97 | 1.23 |
| PRIMARY_D | -3.99 | 0.65 |
| SINGLEP | -1.02 | 0.14 |
| WATER2_D | -11.59 | 1.84 |
| Obs. | 246 | |
| R square | 0.42 | |

Table 5.14: Rural Mareb

| | Coefficient | Std. Err. |
|-------------|-------------|-----------|
| _intercept_ | 10.96 | 0.12 |
| ADULTMALE | -0.18 | 0.05 |
| ADULTMALEP | 0.87 | 0.44 |
| DURABLE1 | 0.33 | 0.08 |
| DURABLE15_D | -3.32 | 0.78 |
| DURABLE4 | 0.55 | 0.18 |
| EDUHIGH | 0.10 | 0.03 |
| LIGHT2_D | 2.53 | 0.34 |
| OWNHOUSE2_D | 13.78 | 2.29 |
| PRIMARYP | 0.77 | 0.29 |
| SEWAGE2_1 | 0.19 | 0.09 |
| SINGLE | -0.03 | 0.01 |
| Obs. | 153 | |
| R square | 0.76 | |

Table 5.15: Rural Al-Mahweet

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 11.6 | 0.13 |
| ADULTMALEP | 0.5 | 0.14 |
| COOK2_D | -9.9 | 3.14 |
| DURABLE10 | 0.2 | 0.10 |
| DURABLE13_D | -0.4 | 0.14 |
| DURABLE15 | 0.2 | 0.09 |
| DURABLE8 | 0.2 | 0.07 |
| EDUHEAD | 0.1 | 0.02 |
| HHNO_D | 0.0 | 0.00 |
| HOUSETYPE4_D | -102.4 | 23.71 |
| POPUL_D | 0.0 | 0.00 |
| PRIMARY_D | 4.8 | 0.82 |
| SINGLEP | -0.4 | 0.12 |
| SIZE | -0.1 | 0.01 |
| Obs. | 244 | |
| R square | 0.52 | |

Table 5 (continued): Results of consumption regressions

Table 5.16: Rural Al-Maharh

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 12.59 | 0.17 |
| ADULT | 0.06 | 0.03 |
| DURABLE1 | 0.19 | 0.09 |
| DURABLE4 | 0.64 | 0.20 |
| HOUSETYPE3_D | 0.56 | 0.31 |
| POPUL_D | 0.00 | 0.00 |
| SIZE | -0.09 | 0.02 |
| WATER2_D | 3.77 | 0.65 |
| Obs. | 144 | |
| R square | 0.33 | |

Table 5.17: Rural Amran

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 15.25 | 0.95 |
| ADULTMALEP | 0.34 | 0.18 |
| DURABLE1 | 0.22 | 0.07 |
| DURABLE10 | 0.49 | 0.14 |
| DURABLE2_D | -8.44 | 1.44 |
| DURABLE4 | 0.25 | 0.05 |
| DURABLE5 | 0.22 | 0.12 |
| DURABLE6_D | 41.62 | 7.16 |
| EDUHIGH | 0.04 | 0.02 |
| HOUSETYPE5_D | 21.42 | 5.65 |
| LIGHT2_D | -7.98 | 3.44 |
| LIGHT3_0 | -1.74 | 0.67 |
| LIGHT6_1 | 0.16 | 0.06 |
| MARRIED | -0.07 | 0.02 |
| OWNHOUSE1_D | -2.41 | 0.55 |
| SINGLEP | -0.82 | 0.11 |
| WATER2_D | 1.45 | 0.44 |
| Obs. | 235 | |
| R square | 0.5 | |

Table 5.18: Rural Al-Dhale

| | Coefficient | Std. Err. |
|--------------|-------------|-----------|
| _intercept_ | 9.57 | 0.33 |
| ADULTMALE | -0.20 | 0.03 |
| ADULTMALEP | 2.09 | 0.25 |
| DIVORCED | 0.55 | 0.25 |
| DURABLE1 | 0.28 | 0.09 |
| DURABLE16_D | -44.24 | 14.61 |
| DURABLE17 | 0.17 | 0.08 |
| DURABLE1_D | 1.03 | 0.58 |
| DURABLE4 | 0.34 | 0.12 |
| EDUHIGH | 0.05 | 0.03 |
| HOUSETYPE1_1 | 0.38 | 0.21 |
| LIGHT5_0 | 0.25 | 0.08 |
| OWNHOUSE2_1 | 1.36 | 0.55 |
| UNIVERSITY | 0.20 | 0.12 |
| WATER2_0 | 0.74 | 0.22 |
| WATER2_D | 1.25 | 0.41 |
| Obs. | 156 | |
| R square | 0.42 | |

Table 5 (continued): Results of consumption regressions

Table 5.19: Rural Remah

| | Coefficient | Std. Err. |
|-------------|-------------|-----------|
| _intercept_ | 11.03 | 0.12 |
| ADULTP | 0.48 | 0.13 |
| COOK1_D | -47.36 | 14.58 |
| DIVORCEDP | 0.76 | 0.23 |
| DURABLE12_D | 0.70 | 0.27 |
| DURABLE4 | 0.62 | 0.15 |
| DURABLE6_D | -57.26 | 9.29 |
| HEADAGE | 0.00 | 0.00 |
| LIGHT4_1 | 0.43 | 0.14 |
| LIGHT5_0 | 0.29 | 0.07 |
| MARRIEDP | 0.49 | 0.13 |
| PRIMARY_D | 2.91 | 0.74 |
| SIZE | -0.02 | 0.01 |
| SPOUSENO | -0.27 | 0.07 |
| Obs. | 266 | |
| R square | 0.59 | |

Table 6: Preliminary results of poverty indicators

| District | nHHLs | avg_FGT0 | se_FGT0 | avg_FGT1 | se_FGT1 |
|----------|--------|----------|---------|----------|---------|
| 1101 | 15,082 | 0.662 | 0.0314 | 0.2154 | 0.0184 |
| 1102 | 16,414 | 0.2669 | 0.035 | 0.0542 | 0.0096 |
| 1103 | 8,609 | 0.1823 | 0.028 | 0.0458 | 0.0084 |
| 1104 | 7,866 | 0.2862 | 0.0327 | 0.0689 | 0.0098 |
| 1105 | 4,342 | 0.4323 | 0.0595 | 0.1332 | 0.0264 |
| 1106 | 10,265 | 0.3563 | 0.0353 | 0.1049 | 0.0158 |
| 1107 | 14,868 | 0.4217 | 0.0412 | 0.1094 | 0.0159 |
| 1108 | 14,518 | 0.3635 | 0.0258 | 0.0941 | 0.0108 |
| 1109 | 12,637 | 0.4307 | 0.027 | 0.1221 | 0.0112 |
| 1110 | 14,973 | 0.6011 | 0.0389 | 0.1627 | 0.018 |
| 1111 | 20,530 | 0.5007 | 0.0284 | 0.1428 | 0.0135 |
| 1112 | 12,857 | 0.3017 | 0.0331 | 0.0654 | 0.0109 |
| 1113 | 13,713 | 0.4031 | 0.0404 | 0.1016 | 0.0156 |
| 1114 | 9,137 | 0.5219 | 0.0315 | 0.1556 | 0.0153 |
| 1115 | 14,268 | 0.3375 | 0.0279 | 0.0831 | 0.0097 |
| 1116 | 15,931 | 0.5231 | 0.0344 | 0.1475 | 0.0158 |
| 1117 | 11,323 | 0.4612 | 0.0332 | 0.1757 | 0.0162 |
| 1118 | 1,947 | 0.6518 | 0.0685 | 0.1692 | 0.0298 |
| 1119 | 3,903 | 0.2894 | 0.0569 | 0.0532 | 0.0133 |
| 1120 | 18,701 | 0.4586 | 0.0279 | 0.1246 | 0.0129 |
| 1201 | 2,698 | 0.7831 | 0.0287 | 0.305 | 0.024 |
| 1202 | 3,092 | 0.4569 | 0.0258 | 0.1634 | 0.0124 |
| 1203 | 1,445 | 0.9753 | 0.0093 | 0.5952 | 0.0271 |
| 1204 | 8,775 | 0.5868 | 0.0287 | 0.2065 | 0.0141 |
| 1205 | 1,849 | 0.4688 | 0.0335 | 0.1619 | 0.0169 |
| 1206 | 5,481 | 0.3866 | 0.0289 | 0.1307 | 0.015 |
| 1207 | 2,084 | 0.598 | 0.0386 | 0.1767 | 0.0178 |
| 1208 | 2,939 | 0.5714 | 0.0284 | 0.1749 | 0.014 |
| 1209 | 2,634 | 0.674 | 0.029 | 0.2251 | 0.0185 |
| 1210 | 864 | 0.8526 | 0.0359 | 0.402 | 0.0366 |
| 1211 | 7,543 | 0.7234 | 0.0315 | 0.297 | 0.0198 |
| 1401 | 995 | 0.7103 | 0.0408 | 0.3343 | 0.0327 |
| 1402 | 1,566 | 0.849 | 0.0299 | 0.3747 | 0.0341 |
| 1403 | 675 | 0.7983 | 0.0352 | 0.3911 | 0.0315 |
| 1404 | 4,709 | 0.7261 | 0.031 | 0.3294 | 0.0205 |
| 1405 | 2,394 | 0.5376 | 0.0521 | 0.1935 | 0.0224 |
| 1406 | 2,313 | 0.5607 | 0.0493 | 0.1559 | 0.0234 |
| 1407 | 2,788 | 0.7402 | 0.0284 | 0.3597 | 0.0192 |
| 1408 | 4,763 | 0.9016 | 0.0201 | 0.4108 | 0.0278 |
| 1410 | 4,822 | 0.5862 | 0.0289 | 0.1945 | 0.0157 |
| 1411 | 2,404 | 0.7279 | 0.0288 | 0.3503 | 0.0216 |
| 1412 | 1,996 | 0.8148 | 0.026 | 0.3847 | 0.02 |
| 1413 | 556 | 0.8437 | 0.0274 | 0.3527 | 0.028 |
| 1414 | 3,277 | 0.5693 | 0.0391 | 0.1893 | 0.0219 |
| 1415 | 2,278 | 0.6453 | 0.0644 | 0.2245 | 0.051 |
| 1416 | 3,827 | 0.2036 | 0.044 | 0.0423 | 0.0129 |
| 1417 | 3,148 | 0.7218 | 0.0327 | 0.249 | 0.0264 |
| 1418 | 2,247 | 0.576 | 0.0447 | 0.191 | 0.0294 |
| 1419 | 3,463 | 0.7744 | 0.0301 | 0.2882 | 0.0305 |
| 1420 | 2,891 | 0.6866 | 0.0387 | 0.2635 | 0.0266 |
| 1501 | 19,826 | 0.3135 | 0.0228 | 0.0992 | 0.0105 |

Table 6: Preliminary results of poverty indicators (continued)

| District | nHHLs | avg_FGT0 | se_FGT0 | avg_FGT1 | se_FGT1 |
|----------|--------|----------|---------|----------|---------|
| 1502 | 16,249 | 0.547 | 0.0279 | 0.1949 | 0.0164 |
| 1503 | 21,056 | 0.6281 | 0.0285 | 0.2393 | 0.0214 |
| 1504 | 28,117 | 0.4136 | 0.023 | 0.1441 | 0.0134 |
| 1505 | 8,957 | 0.4696 | 0.0464 | 0.1615 | 0.0271 |
| 1506 | 2,524 | 0.4728 | 0.0875 | 0.14 | 0.0393 |
| 1507 | 5,024 | 0.4521 | 0.0676 | 0.1388 | 0.0305 |
| 1508 | 16,905 | 0.3902 | 0.0369 | 0.1159 | 0.0168 |
| 1509 | 3,524 | 0.6226 | 0.0599 | 0.2417 | 0.0428 |
| 1510 | 15,161 | 0.4909 | 0.0416 | 0.242 | 0.0191 |
| 1511 | 12,809 | 0.4764 | 0.0579 | 0.1632 | 0.0236 |
| 1512 | 13,537 | 0.6489 | 0.0827 | 0.1992 | 0.0446 |
| 1513 | 7,213 | 0.5661 | 0.034 | 0.2467 | 0.0203 |
| 1514 | 23,080 | 0.5682 | 0.0369 | 0.2482 | 0.0258 |
| 1515 | 4,386 | 0.5003 | 0.0584 | 0.133 | 0.0251 |
| 1516 | 11,068 | 0.6365 | 0.0218 | 0.3406 | 0.0235 |
| 1520 | 29,573 | 0.5479 | 0.0222 | 0.2376 | 0.016 |
| 1521 | 16,448 | 0.5129 | 0.0379 | 0.1998 | 0.021 |
| 1522 | 15,878 | 0.5454 | 0.0418 | 0.2003 | 0.0249 |
| 1523 | 5,093 | 0.8149 | 0.0623 | 0.3113 | 0.0513 |
| 1601 | 9,672 | 0.6676 | 0.0315 | 0.1972 | 0.0241 |
| 1602 | 2,508 | 0.4368 | 0.0423 | 0.0945 | 0.0143 |
| 1603 | 3,498 | 0.6628 | 0.0365 | 0.2246 | 0.0312 |
| 1604 | 2,944 | 0.5351 | 0.0587 | 0.1099 | 0.0214 |
| 1605 | 2,220 | 0.4683 | 0.0564 | 0.1118 | 0.0159 |
| 1606 | 2,944 | 0.1474 | 0.0512 | 0.0167 | 0.0069 |
| 1607 | 1,199 | 0.4612 | 0.0574 | 0.1469 | 0.0227 |
| 1608 | 512 | 0.5843 | 0.104 | 0.1687 | 0.0462 |
| 1609 | 938 | 0.6102 | 0.1748 | 0.1091 | 0.0569 |
| 1610 | 7,131 | 0.5328 | 0.0547 | 0.1367 | 0.0212 |
| 1611 | 8,043 | 0.6411 | 0.0228 | 0.2149 | 0.0246 |
| 1612 | 7,357 | 0.6176 | 0.0263 | 0.2198 | 0.02 |
| 1701 | 3,055 | 0.6292 | 0.0351 | 0.2169 | 0.0174 |
| 1702 | 9,675 | 0.3984 | 0.059 | 0.1221 | 0.0222 |
| 1703 | 1,568 | 0.5206 | 0.0321 | 0.2373 | 0.0206 |
| 1704 | 14,587 | 0.3869 | 0.0327 | 0.1555 | 0.0151 |
| 1705 | 1,979 | 0.4273 | 0.0474 | 0.1496 | 0.0243 |
| 1706 | 6,054 | 0.4965 | 0.0338 | 0.1376 | 0.0129 |
| 1707 | 8,736 | 0.2698 | 0.0218 | 0.1028 | 0.0087 |
| 1708 | 4,318 | 0.746 | 0.0363 | 0.2838 | 0.0207 |
| 1709 | 4,342 | 0.3063 | 0.0277 | 0.0955 | 0.0122 |
| 1710 | 5,183 | 0.639 | 0.0401 | 0.2304 | 0.0209 |
| 1711 | 8,961 | 0.5452 | 0.0259 | 0.1932 | 0.0123 |
| 1712 | 7,774 | 0.2555 | 0.0235 | 0.0707 | 0.0085 |
| 1713 | 5,541 | 0.3648 | 0.0238 | 0.1364 | 0.011 |
| 1714 | 4,431 | 0.3091 | 0.0532 | 0.0784 | 0.0161 |
| 1715 | 3,518 | 0.4653 | 0.0658 | 0.2282 | 0.0329 |
| 1716 | 2,995 | 0.1894 | 0.0478 | 0.0515 | 0.0175 |
| 1717 | 6,408 | 0.7242 | 0.0383 | 0.2541 | 0.0183 |
| 1718 | 3,787 | 0.4505 | 0.0301 | 0.1575 | 0.0151 |
| 1719 | 1,788 | 0.5808 | 0.0545 | 0.2768 | 0.0216 |
| 1720 | 6,184 | 0.6554 | 0.0348 | 0.282 | 0.0226 |

Table 6: Preliminary results of poverty indicators (continued)

| District | nHHLs | avg_FGT0 | se_FGT0 | avg_FGT1 | se_FGT1 |
|----------|--------|----------|---------|----------|---------|
| 1721 | 3,320 | 0.5248 | 0.0222 | 0.296 | 0.0204 |
| 1722 | 9,405 | 0.5496 | 0.0303 | 0.1888 | 0.0171 |
| 1723 | 1,201 | 0.9524 | 0.0095 | 0.6029 | 0.0298 |
| 1724 | 8,808 | 0.3081 | 0.0249 | 0.0757 | 0.0092 |
| 1725 | 6,193 | 0.5467 | 0.0298 | 0.1605 | 0.0123 |
| 1726 | 3,531 | 0.4944 | 0.0458 | 0.1791 | 0.0194 |
| 1727 | 4,911 | 0.8093 | 0.0291 | 0.3419 | 0.0229 |
| 1728 | 1,973 | 0.5633 | 0.0462 | 0.2778 | 0.0308 |
| 1729 | 3,439 | 0.6028 | 0.0249 | 0.2213 | 0.0168 |
| 1730 | 6,790 | 0.7478 | 0.0374 | 0.2685 | 0.0197 |
| 1731 | 3,087 | 0.6908 | 0.0418 | 0.2594 | 0.0218 |
| 1801 | 20,701 | 0.3952 | 0.026 | 0.1108 | 0.0111 |
| 1802 | 15,235 | 0.3945 | 0.0323 | 0.1122 | 0.014 |
| 1804 | 718 | 0.844 | 0.1008 | 0.4419 | 0.1116 |
| 1805 | 4,598 | 0.3789 | 0.0398 | 0.1001 | 0.0158 |
| 1806 | 10,727 | 0.2109 | 0.0285 | 0.0509 | 0.0085 |
| 1807 | 12,190 | 0.4835 | 0.0276 | 0.1467 | 0.0116 |
| 1808 | 5,391 | 0.4156 | 0.0403 | 0.1096 | 0.0165 |
| 1809 | 5,148 | 0.6093 | 0.0343 | 0.1977 | 0.0181 |
| 1810 | 19,748 | 0.6511 | 0.0313 | 0.2411 | 0.0201 |
| 1811 | 1,350 | 0.5236 | 0.0652 | 0.1652 | 0.0331 |
| 1812 | 6,726 | 0.2768 | 0.0352 | 0.0966 | 0.0155 |
| 1813 | 15,974 | 0.5486 | 0.035 | 0.1772 | 0.0192 |
| 1814 | 8,593 | 0.4414 | 0.0317 | 0.1386 | 0.0151 |
| 1815 | 10,087 | 0.2198 | 0.0374 | 0.0445 | 0.0119 |
| 1816 | 5,686 | 0.4199 | 0.0302 | 0.1065 | 0.0121 |
| 1817 | 30,703 | 0.5529 | 0.0358 | 0.1558 | 0.0182 |
| 1818 | 7,943 | 0.3809 | 0.0549 | 0.1243 | 0.0255 |
| 1819 | 4,739 | 0.6521 | 0.0467 | 0.2317 | 0.0263 |
| 1820 | 3,122 | 0.4056 | 0.0288 | 0.1414 | 0.0152 |
| 1821 | 447 | 0.8703 | 0.0739 | 0.3804 | 0.0751 |
| 1823 | 462 | 0.5021 | 0.0604 | 0.122 | 0.025 |
| 1824 | 18,257 | 0.5954 | 0.0357 | 0.2144 | 0.0195 |
| 1825 | 11,803 | 0.5563 | 0.0439 | 0.1858 | 0.0204 |
| 1826 | 8,891 | 0.7809 | 0.0436 | 0.3046 | 0.0277 |
| 1901 | 549 | 0.5039 | 0.2302 | 0.1416 | 0.099 |
| 1902 | 234 | 0.1821 | 0.1217 | 0.0452 | 0.0395 |
| 1903 | 273 | 0.036 | 0.0197 | 0.007 | 0.0042 |
| 1904 | 199 | 0.9829 | 0.0241 | 0.6905 | 0.1328 |
| 1905 | 301 | 0.9411 | 0.1027 | 0.4772 | 0.1601 |
| 1906 | 311 | 0.3384 | 0.1476 | 0.1403 | 0.0523 |
| 1907 | 4,806 | 0.2632 | 0.0287 | 0.0696 | 0.0118 |
| 1908 | 4,004 | 0.3849 | 0.0483 | 0.0951 | 0.0164 |
| 1909 | 1,672 | 0.4589 | 0.0813 | 0.1186 | 0.0276 |
| 1910 | 4,930 | 0.4584 | 0.0383 | 0.1192 | 0.0165 |
| 1911 | 4,199 | 0.4984 | 0.0431 | 0.14 | 0.0211 |
| 1912 | 1,151 | 0.4733 | 0.0968 | 0.1364 | 0.0396 |
| 1913 | 3,888 | 0.2526 | 0.0358 | 0.0584 | 0.0116 |
| 1914 | 1,304 | 0.131 | 0.0351 | 0.0306 | 0.0118 |
| 1915 | 1,787 | 0.215 | 0.0375 | 0.0539 | 0.013 |
| 1916 | 2,758 | 0.9804 | 0.0528 | 0.7371 | 0.1561 |
| 1917 | 1,625 | 0.5602 | 0.1042 | 0.1569 | 0.0407 |

Table 6: Preliminary results of poverty indicators (continued)

| District | nHHLDs | avg_FGT0 | se_FGT0 | avg_FGT1 | se_FGT1 |
|----------|--------|----------|---------|----------|---------|
| 1918 | 5,283 | 0.2031 | 0.0213 | 0.0508 | 0.0089 |
| 1919 | 2,762 | 0.2043 | 0.0304 | 0.0417 | 0.0087 |
| 1920 | 921 | 0.1002 | 0.0243 | 0.0238 | 0.0081 |
| 1921 | 2,293 | 0.1009 | 0.0203 | 0.0221 | 0.0063 |
| 1922 | 2,128 | 0.4683 | 0.0887 | 0.1324 | 0.0431 |
| 1923 | 1,008 | 0.9595 | 0.0603 | 0.5267 | 0.1167 |
| 1924 | 2,562 | 0.3972 | 0.0511 | 0.1049 | 0.0177 |
| 1925 | 1,672 | 0.5802 | 0.0448 | 0.1737 | 0.0276 |
| 1926 | 3,503 | 0.1221 | 0.0277 | 0.0198 | 0.0063 |
| 1927 | 545 | 0.6804 | 0.1251 | 0.2283 | 0.0824 |
| 1928 | 1,976 | 0.0569 | 0.0164 | 0.0096 | 0.003 |
| 1929 | 265 | 0.247 | 0.0609 | 0.0494 | 0.0144 |
| 1930 | 1,557 | 0.8309 | 0.0598 | 0.3286 | 0.0572 |
| 2001 | 16,498 | 0.4345 | 0.0377 | 0.135 | 0.0174 |
| 2002 | 7,841 | 0.273 | 0.0354 | 0.092 | 0.0209 |
| 2003 | 8,625 | 0.449 | 0.0184 | 0.1967 | 0.0087 |
| 2004 | 7,094 | 0.0989 | 0.0169 | 0.0229 | 0.0047 |
| 2005 | 21,324 | 0.5868 | 0.0288 | 0.2284 | 0.018 |
| 2006 | 23,437 | 0.5431 | 0.0234 | 0.1941 | 0.0154 |
| 2007 | 23,215 | 0.3427 | 0.0148 | 0.129 | 0.0086 |
| 2008 | 3,568 | 0.466 | 0.0345 | 0.1754 | 0.0234 |
| 2009 | 7,647 | 0.3603 | 0.0222 | 0.1293 | 0.0147 |
| 2010 | 15,195 | 0.3836 | 0.0244 | 0.2028 | 0.0145 |
| 2011 | 15,751 | 0.3564 | 0.0196 | 0.0958 | 0.0082 |
| 2012 | 7,002 | 0.261 | 0.0198 | 0.0592 | 0.0063 |
| 2101 | 861 | 0.8658 | 0.0164 | 0.4182 | 0.0391 |
| 2102 | 1,072 | 0.8597 | 0.0197 | 0.3865 | 0.0246 |
| 2103 | 1,438 | 0.9121 | 0.0129 | 0.5943 | 0.0281 |
| 2104 | 1,012 | 0.8844 | 0.0144 | 0.4633 | 0.027 |
| 2105 | 2,549 | 0.3076 | 0.033 | 0.0726 | 0.0148 |
| 2106 | 2,273 | 0.1487 | 0.056 | 0.0321 | 0.0135 |
| 2107 | 3,259 | 0.2573 | 0.0377 | 0.061 | 0.0156 |
| 2108 | 3,151 | 0.75 | 0.0329 | 0.3787 | 0.0255 |
| 2109 | 3,888 | 0.2698 | 0.047 | 0.0435 | 0.0103 |
| 2110 | 3,318 | 0.7178 | 0.0387 | 0.2115 | 0.0224 |
| 2111 | 1,155 | 0.1874 | 0.156 | 0.0284 | 0.028 |
| 2112 | 2,879 | 0.0499 | 0.0208 | 0.0116 | 0.0055 |
| 2113 | 1,475 | 0.1834 | 0.0919 | 0.0284 | 0.0185 |
| 2114 | 2,402 | 0.4777 | 0.0371 | 0.0937 | 0.0144 |
| 2115 | 1,864 | 0.7678 | 0.0344 | 0.2766 | 0.0222 |
| 2116 | 3,266 | 0.5114 | 0.0447 | 0.1024 | 0.0182 |
| 2117 | 2,177 | 0.2236 | 0.1424 | 0.0446 | 0.0282 |
| 2201 | 2,056 | 0.276 | 0.0264 | 0.0704 | 0.0113 |
| 2202 | 1,837 | 0.4346 | 0.0486 | 0.1207 | 0.0216 |
| 2203 | 5,473 | 0.351 | 0.0261 | 0.0849 | 0.0136 |
| 2204 | 2,102 | 0.1125 | 0.0202 | 0.0175 | 0.0057 |
| 2205 | 5,257 | 0.1063 | 0.0191 | 0.0176 | 0.0038 |
| 2206 | 1,221 | 0.234 | 0.0249 | 0.0598 | 0.0111 |
| 2207 | 2,731 | 0.2117 | 0.0198 | 0.0546 | 0.013 |
| 2208 | 6,511 | 0.2389 | 0.0197 | 0.0521 | 0.0082 |
| 2209 | 5,931 | 0.1964 | 0.0229 | 0.0427 | 0.0062 |
| 2210 | 5,516 | 0.2785 | 0.0404 | 0.0642 | 0.0122 |

Table 6: Preliminary results of poverty indicators (continued)

| District | nHHLs | avg_FGT0 | se_FGT0 | avg_FGT1 | se_FGT1 |
|----------|--------|----------|---------|----------|---------|
| 2211 | 12,471 | 0.4461 | 0.0306 | 0.1503 | 0.0196 |
| 2212 | 5,968 | 0.3173 | 0.0302 | 0.0695 | 0.0108 |
| 2213 | 1,454 | 0.5107 | 0.0576 | 0.1265 | 0.0237 |
| 2214 | 4,541 | 0.6382 | 0.038 | 0.2361 | 0.0262 |
| 2215 | 717 | 0.0367 | 0.0269 | 0.0054 | 0.0036 |
| 2301 | 9,278 | 0.1675 | 0.0232 | 0.0263 | 0.0056 |
| 2302 | 8,990 | 0.3261 | 0.0139 | 0.1959 | 0.0069 |
| 2303 | 4,191 | 0.0545 | 0.0161 | 0.0083 | 0.0029 |
| 2304 | 8,062 | 0.1338 | 0.0207 | 0.0271 | 0.0063 |
| 2305 | 9,466 | 0.0995 | 0.0172 | 0.019 | 0.0039 |
| 2306 | 3,823 | 0.1359 | 0.0185 | 0.0311 | 0.0062 |
| 2307 | 10,474 | 0.3415 | 0.0159 | 0.0915 | 0.0091 |
| 2308 | 8,645 | 0.5524 | 0.0146 | 0.209 | 0.0116 |
| 2309 | 7,998 | 0.4318 | 0.0171 | 0.1874 | 0.0079 |
| 2310 | 9,390 | 0.422 | 0.0217 | 0.1271 | 0.0101 |
| 2311 | 4,887 | 0.7062 | 0.0242 | 0.3236 | 0.0188 |
| 2312 | 2,761 | 0.4568 | 0.027 | 0.1404 | 0.0142 |
| 2313 | 3,759 | 0.4094 | 0.0198 | 0.1344 | 0.011 |
| 2314 | 1,962 | 0.1874 | 0.0669 | 0.0269 | 0.0111 |
| 2315 | 3,506 | 0.1112 | 0.0385 | 0.0148 | 0.0063 |
| 2316 | 5,377 | 0.0644 | 0.0159 | 0.0097 | 0.0029 |
| 2501 | 4,743 | 0.6395 | 0.0508 | 0.2617 | 0.0396 |
| 2502 | 7,880 | 0.3509 | 0.0583 | 0.1222 | 0.0276 |
| 2503 | 4,356 | 0.4143 | 0.0821 | 0.1183 | 0.0306 |
| 2504 | 3,778 | 0.873 | 0.0314 | 0.5428 | 0.0299 |
| 2505 | 5,108 | 0.4717 | 0.0553 | 0.0926 | 0.0149 |
| 2506 | 2,849 | 0.6022 | 0.0366 | 0.146 | 0.0181 |
| 2507 | 4,529 | 0.7813 | 0.0273 | 0.3265 | 0.0221 |
| 2508 | 4,000 | 0.5358 | 0.0391 | 0.1692 | 0.0194 |
| 2509 | 3,640 | 0.5536 | 0.053 | 0.1176 | 0.02 |
| 2510 | 15,307 | 0.7084 | 0.0327 | 0.2151 | 0.02 |
| 2511 | 6,942 | 0.6724 | 0.0481 | 0.1797 | 0.0315 |
| 2512 | 8,725 | 0.5774 | 0.0181 | 0.358 | 0.0105 |
| 2513 | 7,629 | 0.8361 | 0.0435 | 0.3848 | 0.0355 |
| 2515 | 12,596 | 0.4341 | 0.0662 | 0.086 | 0.0194 |
| 2601 | 1,126 | 0.6088 | 0.0431 | 0.221 | 0.0254 |
| 2602 | 354 | 0.5327 | 0.0633 | 0.2149 | 0.0353 |
| 2603 | 1,068 | 0.4261 | 0.0535 | 0.1007 | 0.0199 |
| 2604 | 726 | 0.8755 | 0.0205 | 0.4352 | 0.0168 |
| 2605 | 2,377 | 0.767 | 0.0244 | 0.26 | 0.0171 |
| 2606 | 2,246 | 0.372 | 0.0285 | 0.1184 | 0.015 |
| 2607 | 1,970 | 0.5394 | 0.0356 | 0.1861 | 0.0187 |
| 2608 | 814 | 0.6421 | 0.0311 | 0.2383 | 0.018 |
| 2609 | 2,751 | 0.7535 | 0.0262 | 0.3004 | 0.0234 |
| 2610 | 960 | 0.666 | 0.0212 | 0.2729 | 0.0151 |
| 2611 | 1,320 | 0.794 | 0.0227 | 0.3336 | 0.0173 |
| 2612 | 1,877 | 0.0633 | 0.0258 | 0.017 | 0.0073 |
| 2613 | 3,844 | 0.3681 | 0.0265 | 0.1528 | 0.0178 |
| 2614 | 1,064 | 0.3093 | 0.0405 | 0.1082 | 0.0169 |
| 2701 | 3,589 | 0.6513 | 0.0467 | 0.3053 | 0.0261 |
| 2702 | 5,422 | 0.7254 | 0.0286 | 0.3552 | 0.021 |

Table 6: Preliminary results of poverty indicators (continued)

| District | nHHLs | avg_FGT0 | se_FGT0 | avg_FGT1 | se_FGT1 |
|----------|--------|----------|---------|----------|---------|
| 2703 | 8,550 | 0.4933 | 0.0251 | 0.2098 | 0.0146 |
| 2704 | 8,826 | 0.4747 | 0.0317 | 0.1544 | 0.0129 |
| 2705 | 11,648 | 0.6896 | 0.0218 | 0.2816 | 0.015 |
| 2706 | 5,073 | 0.277 | 0.0303 | 0.0793 | 0.0117 |
| 2707 | 10,184 | 0.6068 | 0.0218 | 0.2663 | 0.0114 |
| 2708 | 729 | 0.3815 | 0.0406 | 0.1099 | 0.0172 |
| 2709 | 6,828 | 0.5694 | 0.0228 | 0.2129 | 0.0143 |
| 2801 | 511 | 0.0419 | 0.0359 | 0.0104 | 0.0112 |
| 2802 | 428 | 0.186 | 0.1122 | 0.0718 | 0.0533 |
| 2803 | 315 | 0.0242 | 0.0396 | 0.0041 | 0.0077 |
| 2804 | 1,651 | 0.0753 | 0.036 | 0.0188 | 0.0105 |
| 2805 | 710 | 0.04 | 0.0387 | 0.0086 | 0.008 |
| 2806 | 1,048 | 0.0485 | 0.0545 | 0.0087 | 0.0104 |
| 2807 | 694 | 0.0643 | 0.0494 | 0.0169 | 0.011 |
| 2808 | 655 | 0.0905 | 0.0336 | 0.0672 | 0.0071 |
| 2809 | 881 | 0.2235 | 0.1182 | 0.0828 | 0.0373 |
| 2901 | 4,624 | 0.7431 | 0.0346 | 0.1966 | 0.0139 |
| 2902 | 1,648 | 0.4944 | 0.0419 | 0.1595 | 0.0166 |
| 2903 | 4,852 | 0.7674 | 0.0245 | 0.2388 | 0.0142 |
| 2904 | 4,275 | 0.8378 | 0.0227 | 0.2503 | 0.0154 |
| 2905 | 4,885 | 0.7636 | 0.0246 | 0.2013 | 0.0129 |
| 2906 | 2,556 | 0.8527 | 0.019 | 0.2627 | 0.0168 |
| 2907 | 2,565 | 0.8093 | 0.0298 | 0.2675 | 0.0179 |
| 2908 | 4,019 | 0.8354 | 0.0233 | 0.2576 | 0.0164 |
| 2909 | 3,110 | 0.4058 | 0.0447 | 0.0945 | 0.0143 |
| 2910 | 4,546 | 0.4101 | 0.0324 | 0.0999 | 0.0123 |
| 2911 | 3,535 | 0.3515 | 0.0234 | 0.0903 | 0.009 |
| 2912 | 9,285 | 0.566 | 0.0186 | 0.1765 | 0.0113 |
| 2913 | 3,176 | 0.8118 | 0.0253 | 0.342 | 0.0405 |
| 2914 | 2,877 | 0.7457 | 0.0281 | 0.2327 | 0.0145 |
| 2915 | 2,212 | 0.5261 | 0.0252 | 0.1996 | 0.0299 |
| 2916 | 3,720 | 0.7157 | 0.0272 | 0.2609 | 0.0197 |
| 2917 | 2,855 | 0.7452 | 0.0266 | 0.3166 | 0.0487 |
| 2918 | 5,862 | 0.3381 | 0.0385 | 0.0694 | 0.0103 |
| 2919 | 6,325 | 0.4904 | 0.0226 | 0.1385 | 0.0092 |
| 2920 | 3,481 | 0.5523 | 0.0257 | 0.1576 | 0.0121 |
| 3001 | 3,952 | 0.4434 | 0.042 | 0.1307 | 0.0209 |
| 3002 | 5,442 | 0.3628 | 0.0264 | 0.1272 | 0.0123 |
| 3003 | 8,560 | 0.5074 | 0.0412 | 0.1385 | 0.0187 |
| 3004 | 3,801 | 0.4445 | 0.044 | 0.1225 | 0.0185 |
| 3005 | 3,556 | 0.4338 | 0.0514 | 0.116 | 0.0196 |
| 3006 | 7,446 | 0.5056 | 0.0496 | 0.1391 | 0.0214 |
| 3007 | 2,534 | 0.4382 | 0.047 | 0.111 | 0.0171 |
| 3008 | 5,583 | 0.5586 | 0.0555 | 0.1408 | 0.0261 |
| 3009 | 8,131 | 0.5593 | 0.0399 | 0.1455 | 0.0207 |
| 3101 | 4,935 | 0.4895 | 0.022 | 0.142 | 0.0115 |
| 3102 | 9,043 | 0.4616 | 0.0281 | 0.1208 | 0.0114 |
| 3103 | 9,583 | 0.4548 | 0.026 | 0.121 | 0.0114 |
| 3104 | 8,462 | 0.4875 | 0.0315 | 0.1142 | 0.0125 |
| 3105 | 7,010 | 0.4166 | 0.0281 | 0.1107 | 0.0117 |
| 3106 | 8,743 | 0.3994 | 0.0279 | 0.1134 | 0.0094 |