# Debt Traps? Market Vendors and Moneylender Debt in the Philippines Dean Karlan, Sendhil Mullainathan and Benjamin Roth Online Appendix: Financial Planning Curriculum

Participants: All vendors who completed the baseline survey

Group 1: Financial Training Only

Group 2: Financial Training and Debt Pay Off

The training for the two groups should be identical.

## The main messages to convey are:

- Borrowing daily working capital from informal moneylenders is an avoidable waste;
- They can make more money and increase consumption in a year by avoiding moneylenders;
- There are better alternatives either borrowing from lower-cost loans like rural banks or through savings.

#### **CONTENT OVERVIEW:**

## **Section A: Awareness of problem**

- 1. How much loans have you taken out in the past?
- 2. How much interest have you paid out in the past?
- 3. How much difference does it make to borrow from other lending institutions with lower interest rates (NGO, rural banks) or to save?
- 4. Value of maintenance of income, expense, and profit accounts, planning for expected lumpy expenses like rent, school fees etc. and unexpected expenses

#### **Section B: Saving**

- 1. Why save?
- 2. How to save?
- 3. Where to save?
- 4. Devices to help you save

## **Section C: Debt Management**

- 1. Why borrow?
- 2. Risks and cost of borrowing
  - a. Understanding interest amount vs. rate of interest
- 3. Why borrow
  - a. Advantages and disadvantages of borrowing vs. saving
- 4. Bad debt vs. Good debt
- 5. Controlling debt
  - a. Warning signs

#### **Section D: Follow-up class**

- 1. Review of above
- 2. Review of their maintenance of their accounts since first class
- 3. A little quiz to see if they grasped everything

#### **START:**

*Introduction of class and trainer;* 

Present goal of the workshop: We are here to discuss your business, your borrowing habits, amount of money you are spending on interest payment and how you can increase your overall income.

#### **SECTION A: AWARENESS OF PROBLEM**

## Part 1. Awareness of the problem

Ask for a volunteer who is willing to share his/her borrowing information. (Choose someone that takes a high interest moneylender loan for working capital, e.g. Bombay loans at 20% a month interest and working capital of 5000 to 6000 pesos.)

Find out how many days she opens shop in a week. (Choose someone whose profile we expect to be a high interest to profit ratio person for dramatic effect)

- Ask her if she has an idea of how much income she made last year.
- Ask her and a few more volunteers if they can guess how much cumulative loan amount and interest amount paid last year.
- Ask a few more people to guess and write on a piece of paper and put it aside
- Tell the class lets discuss her finances.
- Ask her if her income is enough or if there are things she would like to buy or consume but doesn't have enough money for it.
- Ask her and write out:
  - o How much gross profits she made on an average day last week;
  - o How much she paid on an average day in interest last week in moneylender loans;
  - o How much she paid on an average day in interest last week in rural bank;
- Write out total profits and total interest for moneylender loans and rural banks separately
- Multiply by 50 weeks and write down the figures on the board.
- Show on the board how much gross profits she made.
- Compare it to total interest paid.
- Subtract and show how much she actually consumed. Compute the above yearly figures for the past 5 and 10 years.

**<u>POINT</u>**: The interest paid is from her profits from labor and hard work; that for want of 1 day's working capital money she is losing so much money in a year in interest.

- What does the difference buy you?
  - --xx years of elementary schooling fee: tuition, supplies, uniform, miscellaneous fees
  - --xx days of food consumption
- Ask her what she would do with the interest money if she had kept it instead of paying it to money lender;
- Ask her if she would like to discuss ways to enjoy that money rather than pay as interest;

**Note to instructor:** Be sure to never talk ill about the money lender. And to tell the class to not burn bridges with them and to keep this training content from the money lender.

# Part 2. Why do you borrow from moneylenders?

- Why do you keep borrowing from moneylenders?
- Do you think you can manage without borrowing from moneylenders?
- Give examples of vendors who do not borrow on daily moneylender loans to show another world is possible.

**<u>POINT</u>**: It is possible to change the behaviors to enjoy the money that you pay to the money lenders.

#### **SECTION B: SAVINGS**

Savings is money put aside by an individual or household for use in the future

- 1. Why save?
  - Ask the class what are the benefits of savings are:
    - o Many situations (both expected and unexpected) in which you will need a lump-sum of money larger than the regular flow of income
    - Fiesta, birth, education, emergencies, and discovery of investment opportunities
    - o Less need to borrow, which comes with cost
- 2. Different ways to save
  - Ask the class what the "Non-cash forms of savings" are:
    - Jewelry
    - o Land
    - o Livestock

These items could easily be converted into cash

- Savings at home
  - o <u>Disadvantages:</u> temptation to spend, risk of theft
- Paluwagan / Thandal
  - o Advantages: encourages discipline, support among members
  - o <u>Disadvantages:</u> no interest earning, depends on group solidarity
- Formal savings
  - o Advantages: safely saved, interest earning
  - o Disadvantages: transportation cost

#### 3. How to save?

- "Managing money well begins with hanging on to what you have. This means avoiding unnecessary expenditure and then finding a safe place to store whatever money is left over. Making that choice—the choice to save rather than to consume—is the foundation of money management."
- Making a Savings Plan
  - 1. Set savings goals (we discussed about this in the last section)
  - 2. Figure out how much you need to save over what period of time to meet your goals
  - 3. Figure out how much you need to save on weekly and daily basis
  - 4. Figure out where you can find that amount in your budget (using business income, cutting unnecessary expenses)
  - 5. Decide where you will save
  - 6. Keep track of the savings
- Work with the class to set their savings goals

### 4. Helping you save

- Commitment savings
- Lock box
- Keys to successful savings
  - Save as much as you can as soon as you can. The more you save, the better off you'll be.
  - Put aside the money for saving first, then allocate the rest of the money for spending
  - Calculate how your money can grow over time if you save regularly in an account that earns interest.
  - o Don't save at home—avoid temptation to spend it!
  - Spend carefully
  - o Find savings product that matches your savings goal and personality

#### **SECTION C: DEBT MANAGEMENT**

- 1. What is *DEBT*?
  - Ask the class: What does "debt" mean to you?
    - "What you owe when you borrow something—cash or tangible goods from someone else, or when you purchase on credit."

### 2. Cost of borrowing

- Cost of borrowing is usually the interest rate you pay
- Give examples from the class
  - Loan amount
  - Daily payment
  - Loan term
  - O How much is the interest amount?
  - How much is the interest rate?
- Do a few more examples and have the class work on interest amount and rate calculation.

## 3. Why borrow?

- Ask the class: What do you borrow?
- Write out the reasons for borrowing
- Explain that there are three reasons for borrowing:
  - a) To invest
  - b) To respond to an unexpected emergency (e.g. sickness of family member, natural disaster, etc.)
  - c) To consume (e.g. pay for rent, buy food to eat)

Loans provide you with a lump sum of money that might be difficult to obtain otherwise;

What are the advantages and disadvantages of borrowing?

#### Advantages:

- o Gain access to more money than you have
- O You get money quickly when you need it

### **Disadvantages:**

- You pay the cost of borrowing (interest is the price of borrowing)
- You face the responsibility to repay on time (tiring)
- You face penalties for late payment
- o You face loss of confidence and self-esteem when you can't repay
- You may not be able to borrow if you can't repay
- All these disadvantages that you face as a consequence of not being able to repay is called "*RISK*"
- How about using your own money (savings, profits, etc.)?

## **Advantages**

- Avoid cost of borrowing
- o You are free to use your money as you wish
- O You avoid the obligation of continuous repayment

#### **Disadvantages**

- You have limited amount of money
- You have limited amount to invest, respond to unexpected emergency, and to consume

**<u>POINT</u>**: Borrowing is NOT the same as using your own money you have from your business profits or savings.

4. Bad debt, Good debt—How do you decide when and how much to borrow?

There are advantages and disadvantages of borrowing. Borrowing is NOT always bad, but the risks that come with taking a loan should make you think carefully about when and how much to borrow.

- Borrowing is good when it helps you gain financially and bad when it becomes a financial burden.
- Two key questions when calculating how much debt to afford:
  - 1) What percentage of my household/business budget can I afford to make available for debt repayment? Will I have enough left over to adequately cover other household expenses?
  - 2) What are the consequences if I cannot repay my loan?

### 5. Controlling debt

- a. Don't borrow more than you can afford to repay→ Budgeting is the key to realize how much you can afford
- b. Save money regularly for emergencies
- c. Warning signs
  - Using credit to purchase things you once bought with cash
  - Getting loans or borrowing from family/friends to pay your debts
  - Using savings to repay loans

**<u>POINT</u>**: Borrowing is not our enemy, but **bad credit habits** are!

## SECTION D: FOLLOW-UP CLASS

- 1. Review of above
- 2. Review of their maintenance of their accounts since first class
- 3. A little quiz to see if they grasped everything

# Best practices

- 1. Tailor program for illiterates; avoid too much of written word
- 2. Hire trainer from an SHG or similar who is from the same socio-economic background as participants. In fact ask the union to nominate volunteers from its members to be trained and in turn to train their peers.
- 3. Have follow-up class
- 4. Class size of 25 max
- 5. Do a focus group discussion with some potential participants to understand their needs, get feedback on curriculum, method of instructions, dates, logistics etc
- 6. Pay them money to attend (like say a day's profits); take up tends to be low for these things
- 7. Market it well to maximize take up

## Debt Traps? Market Vendors and Moneylender Debt in the Philippines

# Dean Karlan, Sendhil Mullainathan and Benjamin Roth

# Online Appendix: Variable Definitions

|             | India   | 2007   | Philipp  | pines 2007   | Philippines 2010 |  |
|-------------|---|--|--|--|------------------|--|
|             | Question  | Details  | Question   | Details  | Question         | Details  |
|             |   | Д  | ny moneylender debt - Ta   | ables 1-3, Column 1  |                  |  |
| Baseline    | Have you borrowed meter/speed loans/kandu vaddi for working capital at least 1 time this month?   | Equals 1 if they say that they have borrowed meter loans at least 1 time this month; equals 0 if they have not; missing if missing the answer to this question.  | Do you have any outstanding loans?  Where did you borrow [each loan] from? | Equals 1 if they have at least 1 oustanding loan and at least 1 loan from a moneylender; equals 0 if they do not have outstanding loans from a moneylender; missing if the answers to either of these questions are missing. | loan] from?      | Equals 1 if they have at least 1 oustanding loan and at least 1 loan from a moneylender; equals 0 if they do not have outstanding loans from a moneylender; missing if the answers to either of these questions are missing. |
| Follow-up 1 | How many trips to the market did you make in the last ten days?  How much did you buy on a normal day [trip to the market] in the past ten days?  Where did this money in [the question above] come on a normal day of the last ten days? | 0 on a normal day and this money<br>comes from a moneylender;<br>equals 0 if no trips to the market  | loans?   | Equals 1 if they have at least 1 oustanding loan and at least 1 loan from a moneylender; equals 0 if they do not have outstanding loans from a moneylender; missing if the answers to either of these questions are missing. | loan] from?      | Equals 1 if they have at least 1 oustanding loan and at least 1 loan from a moneylender; equals 0 if they do not have outstanding loans from a moneylender; missing if the answers to either of these questions are missing. |
| Follow-up 2 | How many trips to the market did you make in the last ten days?  How much did you buy on a normal day [trip to the market] in the past ten days?  Where did this money in [the question above] come on a normal day of the last ten days? | Equals 1 if they borrow more than 0 on a normal day and this money comes from a moneylender; equals 0 if no trips to the market or did not buy anything on a normal day or did not borrow from a money lender; missing if missing the first question or took trips to the market but missing subsequent questions. | loans?   | Equals 1 if they have at least 1 oustanding loan and at least 1 loan from a moneylender; equals 0 if they do not have outstanding loans from a moneylender; missing if the answers to either of these questions are missing. | loan] from?      | Equals 1 if they have at least 1 oustanding loan and at least 1 loan from a moneylender; equals 0 if they do not have outstanding loans from a moneylender; missing if the answers to either of these questions are missing. |
| Follow-up 3 | How many days in the last 30 days have you used meter loans as a source of funding for working capital?   | Equals 1 if they have used meter loans as a source of funding for working capital at least 1 day in the past 30 days.  | Do you have any outstanding loans?  Where did you borrow [each loan] from? | Equals 1 if they have at least 1 oustanding loan and at least 1 loan from a moneylender; equals 0 if they do not have outstanding loans from a moneylender; missing if the answers to either of these questions are missing. | loan] from?      | Equals 1 if they have at least 1 oustanding loan and at least 1 loan from a moneylender; equals 0 if they do not have outstanding loans from a moneylender; missing if the answers to either of these questions are missing. |

|             |   | 2007   | Fillippines 2007  |   | Fillippines 2010   |   |
|-------------|---|--|---|---|--|---|
|             | Question  | Details  | Question  | Details   | Question   | Details   |
|             |   | ,  | Any moneylender debt - Tal  | oles 1-3, Column 1  |  |   |
| Follow-up 4 |   |  | How many running loans do you have?  In the past 30 days, how many days have you taken loans as a source of funding for your working capital?  Where did you borrow [each loan] from? | Equals 1 if they have at least 1 oustanding loan, have taken out a loan at least 1 day in the past 30 days, and at least 1 loan is from a moneylender; equals 0 if any of these are not true; missing if the answers to any of these questions are missing.               | Where did you borrow [each loan] from?   | Equals 1 if they have at least 1 oustanding loan and at least 1 loan from a moneylender; equals 0 if they do not have outstanding loans from a moneylender; missing if the answers to either of these questions are missing.  |
|             |   | Amount moneylender de  | ebt (USD) - Tables 1-3, Colur   | nn 2; Appendix Tables A2-A  | 4, Columns 1-3   |   |
| Baseline    | How much did you usually<br>borrow for in the past 30 days<br>(Rs)? Normal  | Amount they borrow as a meter loan on a normal day, converted to USD using average monthly exchange rates during each round of data collection; missing if answer to this question is missing.                                 | Where did you borrow [each loan] from?  How much did you borrow [for each loan]?  What did you do with the money the last time/this time [for each loan]?                             | The total amount of outstanding loans borrowed from a money lender and used to "expand business" or "maintain business", converted to USD using average monthly exchange rates during each round of data collection; missing if missing answer to any of these questions. | Type of [each] loan?  How much did you borrow [for each each loan]?  What was the main reason you borrowed from this source last time/this time [for each loan]? | The total amount of outstanding loan borrowed from a money lender and used to "expand business" or "maintain business", converted to USD using average monthly exchange rates during each round of data collection; missing if missing answer to any of these questions.  |
| Follow-up 1 | How much did you buy on a normal day [trip to the market] in the past ten days  Where did this money in [the question above] come on a normal day of the last ten days? | Amount they borrow on a normal day if this money comes from a moneylender, converted to USD using average monthly exchange rates during each round of data collection; missing if missing answer to either of these questions. | Where did you borrow [each loan] from?  How much did you borrow [for each loan]?  What did you do with the money the last time/this time [for each loan]?                             | The total amount of outstanding loans borrowed from a money lender and used to "expand business" or "maintain business", converted to USD using average monthly exchange rates during each round of data collection; missing if missing answer to any of these questions. | Where did you borrow [each loan] from?  How much did you borrow [for each each loan]?  What did you do with the money this time [for each loan]?                 | The total amount of outstanding loans borrowed from a money lender and used to "expand business" or "maintain business", converted to USD using average monthly exchange rates during each round of data collection; missing if missing answer to any of these questions. |
| Follow-up 2 | How much did you buy on a normal day [trip to the market] in the past ten days  Where did this money in [the question above] come on a normal day of the last ten days? | Amount they borrow on a normal day if this money comes from a moneylender, converted to USD using average monthly exchange rates during each round of data collection; missing if missing answer to either of these questions. | Where did you borrow [each loan] from?  How much did you borrow [for each loan]?  What did you do with the money the last time/this time [for each loan]?                             | The total amount of outstanding loans borrowed from a money lender and used to "expand business" or "maintain business", converted to USD using average monthly exchange rates during each round of data collection; missing if missing answer to any of these questions. | Where did you borrow [each loan] from?  How much did you borrow [for each each loan]?  What did you do with the money this time [for each loan]?                 | The total amount of outstanding loans borrowed from a money lender and used to "expand business" or "maintain business", converted to USD using average monthly exchange rates during each round of data collection; missing if missing answer to any of these questions. |

|             | ınaı   | India 2007  |   | Philippines 2007   |  | Philippines 2010   |  |
|-------------|--|---|---|--|--|--|--|
|             | Question   | Details   | Question  | Details  | Question   | Details  |  |
|             |  | Amount moneylender de   | ebt (USD) - Tables 1-3, Colur   | nn 2; Appendix Tables A2-A   | 4, Columns 1-3   |  |  |
| Follow-up 3 | How much did you typically take<br>out as a meter loan for business<br>purposes? (Normal Day)  | Amount they typically take out as a meter loan on a normal day, converted to USD using average  | Where did you borrow [each loan] from?  | The total amount of outstanding loans borrowed from a money lender and used to "expand   | Where did you borrow [each loan] from?   | The total amount of outstanding loans borrowed from a money lender and used to "expand   |  |
|             |  | monthly exchange rates during<br>each round of data collection;<br>missing if they didn't answer the  | How much did you borrow [for each loan]?                                      | business" or "maintain business",<br>converted to USD using average<br>monthly exchange rates during   | How much did you borrow [for each each loan]?  | business" or "maintain business",<br>converted to USD using average<br>monthly exchange rates during   |  |
|             |  | question.   | What did you do with the money<br>the last time/this time [for each<br>loan]? | each round of data collection;<br>missing if missing answer to any<br>of these questions.  | What did you do with the money this time [for each loan]?                            | each round of data collection;<br>missing if missing answer to any<br>of these questions.  |  |
| Follow-up 4 |  |   | Where did you borrow [each loan] from?  | The total amount of outstanding loans taken in the last 30 days  | Where did you borrow [each loan] from?   | The total amount of outstanding loans borrowed from a money  |  |
|             |  |   | How much did you borrow [for each loan]?                                      | borrowed from a money lender<br>and used to "expand business" or<br>"maintain business" IF they've<br>taken loans for working capital at   | How much did you borrow [for each each loan]?  | lender and used to "expand<br>business" or "maintain business",<br>converted to USD using average<br>monthly exchange rates during   |  |
|             |  |   | What did you do with the money<br>the last time/this time [for each<br>loan]? | least one day in the last 30 days, converted to USD using average monthly exchange rates during each round of data collection; missing if missing answer to any of these questions.  | What did you do with the money<br>this time [for each loan]?                         | each round of data collection;<br>missing if missing answer to any<br>of these questions.  |  |
|             |  |   | Coped via savings - Table   | s 1-3, Column 3  |  |  |  |
| Baseline    | How did you/do you cope when<br>the "other" household income<br>was low? Circle all that apply | Equals 1 if they selected "Use savings" or "Use my income/"other" household income and manage with that" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions. | How did you/do you cope when<br>the "other" household income<br>was low?      | Equals 1 if they selected "Use savings" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions. | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Use savings" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or imposed hardship; missing if no reduction in household income or imposed hardship or missing either of these questions. |  |

|             | India 2007  |   | Philippines 2007   |  | Philippines 2010   |  |
|-------------|---|---|--|--|--|--|
|             | Question  | Details   | Question   | Details  | Question   | Details  |
|             |   |   | Coped via savings - Table  | es 1-3, Column 3   |  |  |
| Follow-up 1 | How did you cope when the household income was low? | Equals 1 if they selected "Use savings" or "Use my income/"other" household income and manage with that" when asked how they coped when the household income was low; equals 0 if they didn't select this option but had a reduction in household income; missing if no reduction in household income or missing either of these questions. | How did you/do you cope when the household income was low?               | Equals 1 if they selected "Use savings" when asked how they coped when the household income was low; equals 0 if they didn't select this option but had a reduction in household income; missing if no reduction in household income or missing either of these questions.                     | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Use savings" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or imposed hardship; missing if no reduction in household income or imposed hardship or missing either of these questions. |
| Follow-up 2 | How did you cope when the household income was low? | Equals 1 if they selected "Use savings" or "Use my income/"other" household income and manage with that" when asked how they coped when the household income was low; equals 0 if they didn't select this option but had a reduction in household income; missing if no reduction in household income or missing either of these questions. | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Use savings" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions. | the lower household income or higher expenses?                                       | Equals 1 if they selected "Use savings" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or imposed hardship; missing if no reduction in household income or imposed hardship or missing either of these questions. |
| Follow-up 3 | How did you cope when household income was low?     | Equals 1 if they selected "Use savings" or "Use my income/"other" household income and manage with that" when asked how they cope when household income is low; equals 0 if they didn't select this option but had a reduction in household income; missing if no reduction in household income or missing either of these questions.       | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Use savings" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions. |  | Equals 1 if they selected "Use savings" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or imposed hardship; missing if no reduction in household income or imposed hardship or missing either of these questions. |

|             | Question   | Details  | Question   | Details  | Question   | Details   |
|-------------|--|--|--|--|--|---|
|             |  |  | Coped via savings - Table  | es 1-3, Column 3   |  |   |
| Follow-up 4 |  |  | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Use savings" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions.   | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Use savings" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or imposed hardship; missing if no reduction in "other" household income or imposed hardship or missing either of these questions.  |
|             |  |  | Coped via borrowing - Tab  | les 1-3, Column 4  |  |   |
| Baseline    | How did you/do you cope when<br>the "other" household income<br>was low? Circle all that apply | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," or "Borrow from others without interest" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions.         | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," or "Borrow from others without interest" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions.         | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Buy goods on credit," or "Borrow from others" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or an imposed hardship; missing if no reduction in "other" household income or imposed hardship or missing either of these questions. |
| Follow-up 1 | How did you cope when the household income was low? Circle all that apply                      | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Borrow from others without interest," or "Pledged loan" when asked how they coped when the household income was low; equals 0 if they didn't select this option but had a reduction in the household income; missing if no reduction in "other" household income or missing either of these questions. |  | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Borrow from others without interest," or "Pledged loan" when asked how they coped when the household income was low; equals 0 if they didn't select this option but had a reduction in the household income; missing if no reduction in "other" household income or missing either of these questions. | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Buy goods on credit," or "Borrow from others" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or an imposed hardship; missing if no reduction in household income or imposed hardship or missing either of these questions.         |

|            |   | na 2007  | i implifies 2007          |  | Timppines 2010   |  |
|------------|---|--|---------------------------|--|--|--|
|            | Question  | Details  | Question                  | Details  | Question   | Details  |
|            |   |  | Coped via borrowing - Tab | les 1-3, Column 4  |  |  |
| ollow-up 2 | How did you cope when the household income was low? Circle all that apply | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Borrow from others without interest," or "Pledged loan" when asked how they coped when the household income was low; equals 0 if they didn't select this option but had a reduction in the household income; missing if no reduction in "other" household income or missing either of these questions. |                           | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," or "Borrow from others without interest" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions. | How did the household cope with the lower household income or higher expenses? | Equals 1 if they selected "Borrov from family members/friends," "Borrow from professional moneylenders," "Buy goods on credit," or "Borrow from others' when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or an impose hardship; missing if no reduction in "other" household income or imposed hardship or missing either of these questions. |
| ollow-up 3 | How did you cope when household income was low? Circle all that apply     | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Borrow from others without interest," or "Pledged loan" when asked how they coped when the household income was low; equals 0 if they didn't select this option but had a reduction in the household income; missing if no reduction in household income or missing                                    |                           | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," or "Borrow from others without interest" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in household income; missing if no reduction in household income or missing either of these questions.                 | the lower household income or higher expenses?                                 | Equals 1 if they selected "Borro from family members/friends," "Borrow from professional moneylenders," "Buy goods on credit," or "Borrow from others when asked how they coped; equals 0 if they didn't select thi option but had a reduction in household income or an impose hardship; missing if no reductio in household income or impose hardship or missing either of                               |

|             | Question   | Details  | Question   | Details  | Question   | Details   |
|-------------|--|--|--|--|--|---|
|             |  |  | Coped via borrowing - Tab  | oles 1-3, Column 4   |  |   |
| Follow-up 4 |  |  | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," or "Borrow from others without interest" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions. | How did the household cope with the lower household income or higher expenses?       | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Buy goods on credit," or "Borrow from others" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or an imposed hardship; missing if no reduction in household income or imposed hardship or missing either of these questions. |
|             |  | Соре   | ed via cutting consumption   | - Tables 1-3, Column 5   |  |   |
| Baseline    | How did you/do you cope when<br>the "other" household income<br>was low? Circle all that apply | Equals 1 if they selected "Cut consumption" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions.             | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Cut consumption" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions.   | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Cut consumption" or "Cut business expenses/working capital" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or imposed hardship; missing if no reduction in household income or imposed hardship or missing either of these questions.   |
| Follow-up 1 | How did you cope when the household income was low? Circle all that apply                      | Equals 1 if they selected "Cut consumption" or "Cut down on my working capital" when asked how they coped when household income was low; equals 0 if they didn't select this option but had a reduction in household income; missing if no reduction in household income or missing either of these questions. | How did you/do you cope when<br>the household income was low?            | Equals 1 if they selected "Cut consumption" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in household income; missing if no reduction in household income or missing either of these questions.   |  | Equals 1 if they selected "Cut consumption" or "Cut business expenses/working capital" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or imposed hardship; missing if no reduction in household income or imposed hardship or missing either of these questions.   |

|             | India 2007  |  | Philippines 2007   |  | Philippines 2010   |   |
|-------------|---|--|--|--|--|---|
|             | Question  | Details  | Question   | Details  | Question   | Details   |
|             |   | Соре   | ed via cutting consumption   | - Tables 1-3, Column 5   |  |   |
| Follow-up 2 | How did you cope when the household income was low? Circle all that apply | Equals 1 if they selected "Cut consumption" or "Cut down on my working capital" when asked how they coped when household income was low; equals 0 if they didn't select this option but had a reduction in household income; missing if no reduction in household income or missing either of these questions.             | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Cut consumption" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions. | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Cut consumption" or "Cut business expenses/working capital" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or imposed hardship; missing if no reduction in household income or imposed hardship or missing either of these questions. |
| Follow-up 3 | How did you cope when household income was low? Circle all that apply     | Equals 1 if they selected "Cut consumption" or "Cut down on my working capital" when asked how they coped when household income was low; equals 0 if they didn't select this option but had a reduction in the household income; missing if no reduction in "other" household income or missing either of these questions. | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Cut consumption" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions. | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Cut consumption" or "Cut business expenses/working capital" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or imposed hardship; missing if no reduction in household income or imposed hardship or missing either of these questions. |
| Follow-up 4 |   |  | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Cut consumption" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option but had a reduction in "other" household income; missing if no reduction in "other" household income or missing either of these questions. | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Cut consumption" or "Cut business expenses/working capital" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or imposed hardship; missing if no reduction in household income or imposed hardship or missing either of these questions. |

|             | Question   | Details                        | Question   | Details  | Question   | Details  |  |
|-------------|--|--------------------------------|--|--|--|--|--|
|             | HH monthly total   | expenditures (USD) - Tables    | 1-3, Column 6; Appendix T  | ables A2-A4, Columns 4-6;  | Appendix Tables A8-A10, Co   | lumn 4   |  |
| Baseline    | ASK ABOUT HOW MUCH, IN RUPEES, THE HOUSEHOLD HAS CONSUMED OF THE FOLLOWING CATEGORIES OF GOODS (A) IN THE PAST 30 DAYS: Food Items, school expenses, and non-food items  [see sections on "HH food expenditures", "HH school expenditures", and "HH non-food expenditures" for sub-category details]       | expenses and non-food expenses | items in a typical month in the past 12 months? (Exclude all the   | Sum of all food expenses, school expenses and non-food expenses in the past 12 months, divided by 12 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if any one expense category is missing.   | expenditure on the following items in a typical month in the past 12 months? (Exclude all the expenses for your businesses):   | Sum of all food expenses, school expenses and non-food expenses in the past 12 months, divided by 12 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if any one expense category is missing. |  |
| Follow-up 1 | What is your household expenditure on the following items in the past 10 days (Exclude all the expenses for your businesses): Food Items, school expenses, and non-food items  [see sections on "HH food expenditures", "HH school expenditures", and "HH non-food expenditures" for sub-category details] | •                              | What is your household expenditure on the following items in the past 7 days? (Exclude all the expenses for your businesses): Food Items, school expenses, and non-food items  [see sections on "HH food expenditures", "HH school expenditures", and "HH non-food expenditures" for sub-category details] | Sum of all food expenses, school expenses and non-food expenses in the past 7 days; multiplied by 4.29 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if any one expense category is missing. | What is your household expenditure on the following items in the past month? (Exclude all the expenses for your businesses): Food Items, school expenses, and non-food items  [see sections on "HH food expenditures", "HH school expenditures", and "HH non-food expenditures" for sub-category details]      | Sum of all food expenses, school expenses and non-food expenses in the past month, converted to USD using average monthly exchange rates during each round of data collection; missing if any one expense category is missing.                                       |  |
| Follow-up 2 | What is your household expenditure on the following items in the past 10 days (Exclude all the expenses for your businesses): Food Items, school expenses, and non-food items  [see sections on "HH food expenditures", "HH school expenditures", and "HH non-food expenditures" for sub-category details] | •                              | What is your household expenditure on the following items in the past 7 days? (Exclude all the expenses for your businesses): Food Items, school expenses, and non-food items  [see sections on "HH food expenditures", "HH school expenditures", and "HH non-food expenditures" for sub-category details] | Sum of all food expenses, school expenses and non-food expenses in the past 7 days; multiplied by 4.29 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if any one expense category is missing. | What is your household expenditure on the following items in the last two months? (Exclude all the expenses for your businesses): Food Items, school expenses, and non-food items  [see sections on "HH food expenditures", "HH school expenditures", and "HH non-food expenditures" for sub-category details] | Sum of all food expenses, school expenses and non-food expenses in the past 2 months, divided by 2 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if any one expense category is missing.   |  |

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|-------------|--|--|---|--|---|--|
|             | Question   | Details  | Question  | Details  | Question  | Details  |
|             | HH monthly total   | expenditures (USD) - Table   | s 1-3, Column 6; Appendix T   | Tables A2-A4, Columns 4-6;   | Appendix Tables A8-A10, Co  | olumn 4  |
| Follow-up 3 | What is your household expenditure on the following items in the past 10 days (Exclude all the expenses for your businesses): Food Items, school expenses, and non-food items  [see sections on "HH food expenditures", "HH school expenditures", and "HH non-food expenditures" for sub-category details] | Sum of all food expenses, school expenses and non-food expenses in the past 30 days, converted to USD using average monthly exchange rates during each round of data collection; missing if any one expense category is missing. | all the expenses for your   | Sum of all food expenses, school expenses and non-food expenses in the past 7 days; multiplied by 4.29 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if any one expense category is missing. | What is your household expenditure on the following items in the last month? (Exclude all the expenses for your businesses): Food Items, school expenses, and non-food items  [see sections on "HH food expenditures", "HH school expenditures", and "HH non-food expenditures" for sub-category details] | Sum of all food expenses, school expenses and non-food expenses in the past month, converted to USD using average monthly exchange rates during each round of data collection; missing if any one expense category is missing. |
| Follow-up 4 |  |  | How much did you spend on these items in the past 30 days? (Exclude your business and give the answer for how much you spent for your household only): Food Items, school expenses, and non-food items  [see sections on "HH food expenditures", "HH school expenditures", and "HH non-food expenditures" for sub-category details] | Sum of all food expenses, school expenses and non-food expenses in the past 30 days, converted to USD using average monthly exchange rates during each round of data collection; missing if any one expense category is missing.                                       | items in the last month? (Exclude all the expenses for your   | Sum of all food expenses, school expenses and non-food expenses in the past month, converted to USD using average monthly exchange rates during each round of data collection; missing if any one expense category is missing. |

|          | Question   | Details  | Question                                   | Details  | Question   | Details   |
|----------|--|--|--|--|--|---|
|          |  |  | · · · · · · · · · · · · · · · · · · ·      | Details  | Question   | Details   |
|          |  |  | Any savings - Tables 1                     | -3, Column 7   |  |   |
| seline   | How much savings do you have<br>at home right now? (Note: Cash<br>lying at home) | Equals 1 if they report any form<br>of savings covered in these<br>questions and if amount is<br>greater than 0 when amount is | Do you currently have any form of savings? | Equals 1 if they report currently having any form of savings; equals 0 if not; missing if answer to question is missing. | How much do you have in savings right now in the form of cash at home?       | Equals 1 if they report any form of savings covered in these questions and if amount is greater than 0 when amount is |
|          | How much money have you lent out right now?                                      | asked; equals 0 if no savings in<br>any of these forms; missing if all<br>answers to all of the questions                      |  |  | How much money have you lent out currently [including Hulog-hulog]?          | asked; equals 0 if no savings in<br>any of these forms; missing if all<br>answers to all of the questions             |
|          | How much money have you kept with family/friends or employer?                    | are missing.   |  |  | Do you give money to your friends/family or employer for                     | are missing.  |
|          | Do you have savings at a chit fund?  |  |  |  | safekeeping?   |   |
|          | What is the total outstanding you  |  |  |  | How much money have you kept with friends / family or your                   |   |
|          | have saved in your chit funds?   |  |  |  | employer for safekeeping?  |   |
|          | Do you have savings at an MFI or SHG?  |  |  |  | Do you have savings at a bank,<br>MFI, coop or other formal<br>institution?  |   |
|          | What is the total outstanding that you have saved with MFI/SHG?                  |  |  |  | Do you have savings in the form of gold (or jewelries made of gold) at home? |   |
|          | Do you currently have savings at a bank?   |  |  |  | golu) ut nome :  |   |
|          | Total amount in savings with the bank?   |  |  |  |  |   |
|          | Do you have savings in the form of gold in the house?                            |  |  |  |  |   |
|          | How many grams of gold do you own?   |  |  |  |  |   |
| low-up 1 |  |  |  |  |  |   |

|          | India  | a 2007  | Philippines 2007         |            | Philippines 2010 |         |
|----------|--|---|--------------------------|------------|------------------|---------|
|          | Question   | Details   | Question                 | Details    | Question         | Details |
|          |  |   | Any savings - Tables 1-3 | , Column 7 |                  |         |
| low-up 3 | How much savings do you have<br>at home right now? (Note: Cash<br>lying at home)                 | Equals 1 if they report any form of savings covered in these questions and if amount is greater than 0 when amount is |                          |            |                  |         |
|          | How much money have you lent out right now?  | asked; equals 0 if no savings in<br>any of these forms; missing if all<br>answers to all of the questions             |                          |            |                  |         |
|          | How much money have you kept with family/friends or employer?                                    | are missing.  |                          |            |                  |         |
|          | Do you have savings at a chit fund?  |   |                          |            |                  |         |
|          | What is the total outstanding you have saved in your chit funds?                                 | 1   |                          |            |                  |         |
|          | Do you have savings at an MFI or SHG?  |   |                          |            |                  |         |
|          | What is the total outstanding<br>that you have saved with<br>MFI/SHG?                            |   |                          |            |                  |         |
|          | Do you currently have savings at a bank?   |   |                          |            |                  |         |
|          | Total amount in savings with the bank?   |   |                          |            |                  |         |
|          | Do you have savings in the form of gold or silver in the house? ? (This includes gold jewellery) |   |                          |            |                  |         |
|          | How many grams of gold do you own?   |   |                          |            |                  |         |
|          | How many grams of silver do you own?   |   |                          |            |                  |         |
|          | For those of you who attended financial training, how much do                                    |   |                          |            |                  |         |
|          | ,  |   |                          |            |                  |         |

|             | IIIuia   | 2007  | Philippines 2007   |   | Philippines 2010   |   |
|-------------|--|---|--|---|--|---|
|             | Question   | Details   | Question   | Details   | Question   | Details   |
|             |  |   | Any savings - Tables 1-  | -3, Column 7  |  |   |
| Follow-up 4 |  |   | How much do you have in savings right now in the form of cash at home?                     | Equals 1 if they report any form<br>of savings covered in these<br>questions and if amount is<br>greater than 0 when amount is  | How much do you have in savings right now in the form of cash at home?                     | Equals 1 if they report any form<br>of savings covered in these<br>questions and if amount is<br>greater than 0 when amount is  |
|             |  |   | How much money have you lent out currently?  | asked; equals 0 if no savings in<br>any of these forms; missing if all<br>answers to all of the questions   | How much money have you lent out currently [including Hulog-hulog]?                        | asked; equals 0 if no savings in<br>any of these forms; missing if all<br>answers to all of the questions   |
|             |  |   | How much money have you kept with friends / family or your employer for safekeeping?       | are missing.  | Do you give money to your friends/family or employer for safekeeping?                      | are missing.  |
|             |  |   | Do you have savings at a bank,<br>MFI, coop or other formal<br>institution?                |   | How much money have you kept with friends / family or your employer for safekeeping?       |   |
|             |  |   | Current Savings [at each formal institution]   |   | Do you have savings at a bank,<br>MFI, coop or other formal                                |   |
|             |  |   | Do you have savings in the form of gold (or jewelries made of                              |   | institution?   |   |
|             |  |   | gold) at home?   |   | Do you have savings in the form of gold (or jewelries made of                              |   |
|             |  |   | If yes, how many grams approximately?  |   | gold) at home?   |   |
|             |  | Take-home profit typical d  | av (USD) - Tables 1-3 Colun  | nn 8; Appendix Tables A2-A4   | L Columns 7-9  |   |
| Baseline    | What is your approximate take-<br>home profit PER DAY(after all<br>costs including travel,<br>transportation, tea, interest, ice,<br>etc have been incurred): Typical<br>day | Amount of their take-home proft<br>on a typical day, converted to<br>USD using average monthly<br>exchange rates during each round<br>of data collection; missing if they<br>didn't answer the question | What is your approximate profit after all costs including travel have been deducted)? On a | Amount of their take-home proft<br>on a typical day, converted to<br>USD using average monthly<br>exchange rates during each round<br>of data collection; missing if they<br>didn't answer the question | What is your approximate profit after all costs including travel have been deducted)? On a | Amount of their take-home proft<br>on a typical day, converted to<br>USD using average monthly<br>exchange rates during each round<br>of data collection; missing if they<br>didn't answer the question |
| Follow-up 1 | What were your profits in the last<br>10 days: Typical Day   | Amount of their take-home proft<br>on a typical day, converted to<br>USD using average monthly<br>exchange rates during each round<br>of data collection; missing if they<br>didn't answer the question |  |   |  |   |

|             | India  | 2007  | Philippi  | ines 2007   | Philippines 2010  |  |
|-------------|--|---|---|---|---|--|
|             | Question   | Details   | Question  | Details   | Question  | Details  |
|             |  | Take-home profit typical d  | ay (USD) - Tables 1-3, Colur  | nn 8; Appendix Tables A2-A4   | 1, Columns 7-9  |  |
| Follow-up 2 | What were your profits in the last<br>10 days: Typical Day   | Amount of their take-home proft<br>on a typical day, converted to<br>USD using average monthly<br>exchange rates during each round<br>of data collection; missing if they<br>didn't answer the question |   |   |   |  |
| Follow-up 3 | What were your profits in the last<br>ten days? (Profits defined as the<br>same manner in the baseline<br>survey and follow up surveys –<br>profit per day is defines as money<br>taken home per day after all<br>costs including transport,<br>interest,ice etc. have been<br>incurred): Normal-day Average | home proft on a normal day,<br>converted to USD using average<br>monthly exchange rates during  |   |   |   |  |
| Follow-up 4 |  |   | What is your approximate take-<br>home profit PER DAY after all<br>costs including travel have been<br>deducted? On a typical day | Amount of their take-home proft on a typical day, converted to USD using average monthly exchange rates during each round of data collection; missing if they didn't answer the question. | What is your approximate profit<br>after all costs including travel<br>have been deducted)? On a<br>typical day | Amount of their take-home proft<br>on a typical day, converted to<br>USD using average monthly<br>exchange rates during each round<br>of data collection; missing if they<br>didn't answer the question. |
|             |  | HH i  | ncome shock - Appendix Ta   | ables A5-A7, Column 1   |   |  |
| Baseline    | , ,,   | Equals 1 if they say they had an unexpected event outside of their control that caused a reduction in the household income; missing if  | unexpected event outside of your control cause the reduction in the   |   | control cause a reduction in  | Equals 1 if they say they had an<br>unexpected event outside of their<br>control caused a reduction in<br>household income or imposed  |

the answer to this question is

missing; equals 0 otherwise.

hardship on the household?

hardship on the household; 0

otherwise.

the answer to this question is

missing; equals 0 otherwise.

|             | India  | 2007   | Philippi                           | nes 2007   | Philippines 2010             |   |
|-------------|--|--|------------------------------------|--|------------------------------|---|
|             | Question   | Details  | Question                           | Details  | Question                     | Details   |
|             |  | HH i   | ncome shock - Appendix Ta          | bles A5-A7, Column 1   |                              |   |
| Follow-up 1 | In the past 10 days, did any unexpected event outside of your control cause the reduction in the household income? | unexpected event outside of their  | control cause the reduction in the | Equals 1 if they say they had an unexpected event outside of their control that caused a reduction in the household income; missing if the answer to this question is missing; equals 0 otherwise. | , ,,                         | Equals 1 if they say they had an unexpected event outside of their control that caused a reduction in household income or imposed hardship on the household; missing if the answer to this question is missing; equals 0 otherwise. |
| Follow-up 2 | In the past 10 days, did any unexpected event outside of your control cause the reduction in the household income? | Equals 1 if they say they had an unexpected event outside of their control that caused a reduction in the household income; missing if the answer to this question is missing; equals 0 otherwise. | control cause the reduction in the | Equals 1 if they say they had an unexpected event outside of their control that caused a reduction in the household income; missing if the answer to this question is missing; equals 0 otherwise. |                              | Equals 1 if they say they had an unexpected event outside of their control that caused a reduction in household income or imposed hardship on the household; missing if the answer to this question is missing; equals 0 otherwise. |
| Follow-up 3 | In the past 30 days, did any unexpected event outside of your control cause a reduction in the household income?   | Equals 1 if they say they had an unexpected event outside of their control that caused a reduction in the household income; missing if the answer to this question is missing; equals 0 otherwise. | control cause the reduction in the | Equals 1 if they say they had an unexpected event outside of their control that caused a reduction in the household income; missing if the answer to this question is missing; equals 0 otherwise. | control cause a reduction in | Equals 1 if they say they had an unexpected event outside of their control that caused a reduction in household income or imposed hardship on the household; missing if the answer to this question is missing; equals 0 otherwise. |
| Follow-up 4 |  |  | '                                  | Equals 1 if they say they had an unexpected event outside of their control that caused a reduction in  | , ,,                         | Equals 1 if they say they had an unexpected event outside of their control that caused a reduction in   |

"other" household income?

the household income; missing if household income or impose

hardship on the household?

the answer to this question is

missing; equals 0 otherwise.

household income or imposed

hardship on the household; missing if the answer to this

question is missing; equals 0

otherwise.

|             | IIIula 2007  |   | Prinippines 2007   |  | Prinippines 2010   |  |
|-------------|--|---|--|--|--|--|
|             | Question   | Details   | Question   | Details  | Question   | Details  |
|             |  | Coped via sa  | avings (0 if no shock) - Appe  | endix Tables A5-A7, Column 2   | 2  |  |
| Baseline    | How did you/do you cope when<br>the "other" household income<br>was low? Circle all that apply | Equals 1 if they selected "Use savings" or "Use my income/other household income and manage with that" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions. |  | Equals 1 if they selected "Use savings" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions. | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Use savings" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions. |
| Follow-up 1 | How did you cope when the household income was low?  | Equals 1 if they selected "Use savings" or "Use my income/other household income and manage with that" when asked how they coped when household income was low; equals 0 if they didn't select this option or had no reduction in household income; missing if missing either of these questions.                 | How did you/do you cope when<br>the household income was low?            | Equals 1 if they selected "Use savings" when asked how they coped when household income was low; equals 0 if they didn't select this option or had no reduction in household income; missing if missing either of these questions.                 | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Use savings" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions. |
| Follow-up 2 | How did you cope when the household income was low?  | Equals 1 if they selected "Use savings" or "Use my income/other household income and manage with that" when asked how they coped when household income was low; equals 0 if they didn't select this option or had no reduction in household income; missing if missing either of these questions.                 | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Use savings" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions. | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Use savings" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions. |

|             | IIIuI  | IIIula 2007  |  | Prinippines 2007   |  | Prinippines 2010   |  |
|-------------|--|--|--|--|--|--|--|
|             | Question   | Details  | Question   | Details  | Question   | Details  |  |
|             |  | Coped via sa   | avings (0 if no shock) - Appe  | endix Tables A5-A7, Column 2   | 2  |  |  |
| Follow-up 3 | How did you cope when household income was low?  | Equals 1 if they selected "Use savings" or "Use my income/other household income and manage with that" when asked how they coped when household income was low; equals 0 if they didn't select this option or had no reduction in household income; missing if missing either of these questions.  |  | Equals 1 if they selected "Use savings" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions.   | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Use savings" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions.   |  |
| Follow-up 4 |  |  | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Use savings" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions.   | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Use savings" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions.   |  |
|             |  | Coped via bor  | rowing (0 if no shock) - App   | pendix Tables A5-A7, Columr  | 13   | _  |  |
| Baseline    | How did you/do you cope when<br>the "other" household income<br>was low? Circle all that apply | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," or "Borrow from others without interest" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions. | the "other" household income<br>was low?                                 | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," or "Borrow from others without interest" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions. | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Buy goods on credit," or "Borrow from others" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions. |  |

|             | India 2007  |  | Philippines 2007   |  | Philippines 2010                               |  |
|-------------|---|--|--|--|--|--|
|             | Question  | Details  | Question   | Details  | Question                                       | Details  |
|             |   | Coped via bor  | rowing (0 if no shock) - App   | endix Tables A5-A7, Columr   | 13   |  |
| Follow-up 1 | How did you cope when the household income was low? Circle all that apply | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Borrow from others without interest," or "Pledged loan" when asked how they coped when household income was low; equals 0 if they didn't select this option or had no reduction in household income; missing if missing either of these questions. | How did you/do you cope when the household income was low?               | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Borrow from others without interest," or "Pledged loan" when asked how they coped when household income was low; equals 0 if they didn't select this option or had no reduction in household income; missing if missing either of these questions. | the lower household income or higher expenses? | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Buy goods on credit," or "Borrow from others" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions. |
| Follow-up 2 | How did you cope when the household income was low? Circle all that apply | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Borrow from others without interest," or "Pledged loan" when asked how they coped when household income was low; equals 0 if they didn't select this option or had no reduction in household income; missing if missing either of these questions. | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," or "Borrow from others without interest" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions. | the lower household income or higher expenses? | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Buy goods on credit," or "Borrow from others" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions. |
| Follow-up 3 | How did you cope when household income was low? Circle all that apply     | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Borrow from others without interest," or "Pledged loan" when asked how they coped when household income was low; equals 0 if they didn't select this option or had no reduction in household income; missing if missing either of these questions. | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," or "Borrow from others without interest" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions. | the lower household income or higher expenses? | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Buy goods on credit," or "Borrow from others" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions. |

|             | Question   | Details  | Question   | Details  | Question   | Details   |
|-------------|--|--|--|--|--|---|
|             |  | Coped via bor  | rowing (0 if no shock) - App   | oendix Tables A5-A7, Columr  | 13   |   |
| Follow-up 4 |  |  | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," or "Borrow from others without interest" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions. | the lower household income or higher expenses?                                       | Equals 1 if they selected "Borrow from family members/friends," "Borrow from professional moneylenders," "Buy goods on credit," or "Borrow from others" when asked how they coped; equals 0 if they didn't select this option but had a reduction in household income or an imposed hardship; missing if no reduction in "other" household income or imposed hardship or missing either of these questions. |
|             |  | Coped via cutting c  | onsumption (0 if no shock)   | - Appendix Tables A5-A7, Co  | olumn 4  |   |
| Baseline    | How did you/do you cope when<br>the "other" household income<br>was low? Circle all that apply | Equals 1 if they selected "Cut consumption" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions.                     | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Cut consumption" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions.   | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Cut consumption" or "Cut business expenses/working capital" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions.   |
| Follow-up 1 | How did you cope when the household income was low? Circle all that apply                      | Equals 1 if they selected "Cut consumption" or "Cut down on my working capital" when asked how they coped when household income was low; equals 0 if they didn't select this option or had no reduction in household income; missing if missing either of these questions. | How did you/do you cope when<br>the household income was low?            | Equals 1 if they selected "Cut consumption" when asked how they coped when household income was low; equals 0 if they didn't select this option or had no reduction in household income; missing if missing either of these questions.   | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Cut consumption" or "Cut business expenses/working capital" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions.   |

|             |   | IIIula 2007  |  | Fillippines 2007   |  | Fillippines 2010  |  |
|-------------|---|--|--|--|--|---|--|
|             | Question  | Details  | Question   | Details  | Question   | Details   |  |
|             |   | Coped via cutting c  | onsumption (0 if no shock)   | - Appendix Tables A5-A7, Co  | olumn 4  |   |  |
| Follow-up 2 | How did you cope when the household income was low? Circle all that apply   | Equals 1 if they selected "Cut consumption" or "Cut down on my working capital" when asked how they coped when household income was low; equals 0 if they didn't select this option or had no reduction in household income; missing if missing either of these questions. | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Cut consumption" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions. | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Cut consumption" or "Cut business expenses/working capital" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions. |  |
| Follow-up 3 | How did you cope when<br>household income was low?<br>Circle all that apply | Equals 1 if they selected "Cut consumption" or "Cut down on my working capital" when asked how they coped when household income was low; equals 0 if they didn't select this option or had no reduction in household income; missing if missing either of these questions. | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Cut consumption" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions. | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Cut consumption" or "Cut business expenses/working capital" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions. |  |
| Follow-up 4 |   |  | How did you/do you cope when<br>the "other" household income<br>was low? | Equals 1 if they selected "Cut consumption" when asked how they coped when "other" household income was low; equals 0 if they didn't select this option or had no reduction in "other" household income; missing if missing either of these questions. | How did the household cope with<br>the lower household income or<br>higher expenses? | Equals 1 if they selected "Cut consumption" or "Cut business expenses/working capital" when asked how they coped; equals 0 if they didn't select this option or had no reduction in household income or imposed hardship; missing if missing either of these questions. |  |

|             |   | 2007   | 111111111111111111111111111111111111111  |   | 111111111111111111111111111111111111111  |   |
|-------------|---|--|--|---|--|---|
|             | Question  | Details  | Question   | Details   | Question   | Details   |
|             |   | HH monthly fo  | od expenditures (USD) - Ap   | pendix Tables A8-A10, Colur   | mn 1   |   |
| Baseline    | ASK ABOUT HOW MUCH, IN RUPEES, THE HOUSEHOLD HAS CONSUMED OF THE FOLLOWING CATEGORIES OF GOODS (A) IN THE PAST 30 DAYS: Food Items (pulses, rice, spices, prepared meals outside home, pan/tobacco)       | Total amount entered for amount spent on food items in the past 30 days, converted to USD using average monthly exchange rates during each round of data collection; missing if all item amounts are missing.                                    | What is your household expenditure on the following items in a typical month in the past 12 months? (Exclude all the expenses for your businesses): Food | Total amount entered for amount spent on food items in the past 12 months, divided by 12 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered.   | expenditure on the following   | Total amount entered for amount spent on food items in the past 12 months, divided by 12 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered. |
| Follow-up 1 | What is your household expenditure on the following items in the past 10 days (Exclude all the expenses for your businesses): Food Items (pulses, rice, spices, prepared meals outside home, pan/tobacco) | Total amount entered for amount spent on food items in the past 10 days, multipled by 3 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if all item amounts are missing. | expenditure on the following   | ·   | What is your household expenditure on the following items in the past month? (Exclude all the expenses for your businesses): Food                  | Total amount entered for amount spent on food items in the past month, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered.                                       |
| Follow-up 2 | What is your household expenditure on the following items in the past 10 days (Exclude all the expenses for your businesses): Food Items (pulses, rice, spices, prepared meals outside home, pan/tobacco) | Total amount entered for amount spent on food items in the past 10 days, multipled by 3 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if all item amounts are missing. | expenditure on the following   | Total amount entered for amount spent on food items in the past 7 days, multiplied by 4.29 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered. | What is your household<br>expenditure on the following<br>items in the last two months?<br>(Exclude all the expenses for your<br>businesses): Food | Total amount entered for amount spent on food items in the past 2 months, divided by 2 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered.   |

|             | India   | 2007  | Philippines 2007   |  | Philippines 2010  |  |
|-------------|---|---|--|--|---|--|
|             | Question  | Details   | Question   | Details  | Question  | Details  |
|             |   | HH monthly for  | od expenditures (USD) - Ap   | pendix Tables A8-A10, Colu   | mn 1  |  |
| Follow-up 3 | What is your household expenditure on the following items in the past 30 days (Exclude all the expenses for your businesses)? Food Items (pulses, rice, spices, vegetables/meat, prepared meals outside home, tea purchased in a tea shop, Milk/coffee/tea powder, "other") | Sum of the amounts spent on each food item listed in the past 30 days,converted to USD using average monthly exchange rates during each round of data collection; missing if any one food item expense is missing; missing if all item amounts are missing. | all the expenses for your businesses): Food  | Total amount entered for amount spent on food items in the past 7 days, multiplied by 4.29 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered.      | What is your household expenditure on the following items in the last month? (Exclude all the expenses for your businesses): Food             | Total amount entered for amount spent on food items in the past month, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered.  |
| Follow-up 4 |   |   | How much did you spend on<br>these items in the past 30 days?<br>(Exclude your business and give<br>the answer for how much you<br>spent for your household only):<br>Food | Total amount entered for amount spent on food items in the past 30 days converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered.   | What is your household<br>expenditure on the following<br>items in the last month? (Exclude<br>all the expenses for your<br>businesses): Food | Total amount entered for amount spent on food items in the past month, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered.  |
|             |   | HH monthly sch  | ool expenditures (USD) - Ap  | ppendix Tables A8-A10, Colu  | ımn 2   |  |
| Baseline    | ASK ABOUT HOW MUCH, IN RUPEES, THE HOUSEHOLD HAS CONSUMED OF THE FOLLOWING CATEGORIES OF GOODS (A) IN THE PAST 30 DAYS: School expenses (school fees, uniforms, books, private tuition, and related expenses like transportation  | Total amount entered for amount spent on school expenses in the past 30 days, converted to USD using average monthly exchange rates during each round of data collection; missing if all item amounts are missing.  | What is your household expenditure on the following items in a typical month in the past 12 months? (Exclude all the expenses for your businesses): School                 | Total amount entered for amount spent on school expenses in the past 12 months, divided by 12 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered.   | expenditure on the following items in a typical month in the past 12 months? (Exclude all the expenses for your businesses):                  | Total amount entered for amount spent on school expenses in the past 12 months, divided by 12 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered. |
| Follow-up 1 | What is your household<br>expenditure on the following<br>items in the past 10 days (Exclude<br>all the expenses for your<br>businesses): School expenses<br>(school fees, uniforms, books,<br>private tuition, and related<br>expenses like transportation)                | Total amount entered for amount spent on school expenses in the past 10 days, multiplied by 3 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if all item amounts are missing.      | What is your household<br>expenditure on the following<br>items in the past 7 days? (Exclude<br>all the expenses for your<br>businesses): School                           | Total amount entered for amount spent on school expenses in the past 7 days, multiplied by 4.29 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered. | expenditure on the following items in the past month? (Exclude all the expenses for your businesses): Children (school fees                   | using average monthly exchange   |

|             | India 2007  |   | Philippines 2007  |  | Philippines 2010   |  |
|-------------|---|---|---|--|--|--|
|             | Question  | Details   | Question  | Details  | Question   | Details  |
|             |   | HH monthly sch  | ool expenditures (USD) - Ap   | pendix Tables A8-A10, Colu   | ımn 2  |  |
| Follow-up 2 | What is your household expenditure on the following items in the past 10 days (Exclude all the expenses for your businesses): School expenses (school fees, uniforms, books, private tuition, and related expenses like transportation) | Total amount entered for amount spent on school expenses in the past 10 days, multiplied by 3 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection.   | expenditure on the following items in the past 7 days? (Exclude all the expenses for your businesses): School | Total amount entered for amount spent on school expenses in the past 7 days, multiplied by 4.29 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered. | expenditure on the following items in the last two months? (Exclude all the expenses for your businesses): Children (school fees | Total amount entered for amount spent on school expenses in the past 2 months, divided by 2 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered. |
| Follow-up 3 | What is your household expenditure on the following items in the past 30 days (Exclude all the expenses for your businesses)? School expenses (school fees, uniforms, books, private tuition, and transport):                           | Sum of the amounts spent on each school expenses listed in the past 30 days, converted to USD using average monthly exchange rates during each round of data collection; missing if any one school expense is missing; missing if all item amounts are missing. | items in the past 7 days? (Exclude<br>all the expenses for your<br>businesses): School                        | Total amount entered for amount spent on school expenses in the past 7 days, multiplied by 4.29 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered. | expenditure on the following items in the last month? (Exclude all the expenses for your businesses): Children (school fees      | Total amount entered for amount spent on school expenses in the past month, converted to USD using average monthly exchange rates during each round of data collection; missing if question wasn't answered.                                     |
| Follow-up 4 |   |   | How much did you spend on these items in the past 30 days?  | Total amount entered for amount spent on school expenses in the  | What is your household expenditure on the following  | Total amount entered for amount spent on school expenses in the  |

(Exclude your business and give

the answer for how much you

School

spent for your household only):

using average monthly exchange all the expenses for your

past 30 days converted to USD

rates during each round of data

collection; missing if question

wasn't answered.

& projects)

using average monthly exchange

collection; missing if question

wasn't answered.

items in the last month? (Exclude past month, converted to USD

businesses): Children (school fees rates during each round of data

Question Details **Details** Question Details Question

#### HH monthly non-food expenditures (USD) - Appendix Tables A8-A10, Column 3

Baseline

ASK ABOUT HOW MUCH, IN RUPEES, THE HOUSEHOLD HAS CONSUMED OF THE FOLLOWING CATEGORIES OF GOODS (A) IN THE PAST 30 DAYS: Non food Items (clothing, footware, remittances sent to others, toys); amounts are missing. Additional Immediate Household Items (fuel, electricity and telephone bills, toilet artices, house rent, transportation fees, informal fees; Festivals and ceremonies (self and others); Entertainment (movies, gambling, etc); Medical expenses (both institutional and noninstitutional – hospitalization. healer fees, etc.); Alcohol

Total amount entered for amount What is your household spent on non-food items in the past 30 days, converted to USD using average monthly exchange rates during each round of data collection; missing if all item

expenditure on the following items in a typical month in the past 12 months? (Exclude all the expenses for your businesses): Non-food items (clothes, healthcare, etc.); Bills (water, eletricity, phone, etc.); Rent; Recreational (videoke, watching movies, etc.); Cigarettes, alcohol, and gambling; Other (specify)

Total amount entered for amount What is your household spent on all other expenses in the expenditure on the following past 12 months, divided by 12 to items in a typical month in the make it monthly, converted to USD using average monthly exchange rates during each round Bills (water, eletricity, phone, of data collection; missing if all item amounts are missing.

past 12 months? (Exclude all the expenses for your businesses): etc.); Medicine and health care; Rent; Recreational (videoke, watching movies, net cafe, etc.); Cigarettes, alcohol, and gambling; Non-food items (clothes, household items, fuel, etc.); Other (specify)

Total amount entered for amount spent on all other expenses in the past 12 months, divided by 12 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if all item amounts are missing.

Follow-up 1

What is your household expenditure on the following items in the past 10 days (Exclude past 10 days, multiplied by 3 to all the expenses for your businesses): Non food Items (clothing, footware, remittances sent to others, toys); Additional Immediate Household Items (fuel, item amounts are missing. electricity and telephone bills, toilet artices, house rent, transportation fees, informal fees; Festivals and ceremonies (self and others); Entertainment ( movies, gambling, etc); Medical expenses (both institutional and non-institutional hospitalization, healer fees, etc.); Alcohol

Total amount entered for amount What is your household spent on non-food items in the make it monthly, converted to USD using average monthly exchange rates during each round (clothes, healthcare, etc.); Bills of data collection; missing if all

expenditure on the following all the expenses for your businesses): Non-food items (water, eletricity, phone, etc.); Rent; Recreational (videoke, watching movies, etc.); Cigarettes, alcohol, and gambling; Other (specify)

Total amount entered for amount What is your household spent on all other expenses in the expenditure on the following items in the past 7 days? (Exclude past 7 days, multiplied by 4.29 to items in the past month? (Exclude past month, con.verted to USD make it monthly, converted to USD using average monthly exchange rates during each round eletricity, phone, etc.); Medicine of data collection; missing if all item amounts are missing.

all the expenses for your businesses): Bills (water, and health care; Rent; Recreational (videoke, watching movies, net cafe, etc.); Cigarettes, alcohol, and gambling; Non-food items (clothes, household items, fuel, etc.); Other (specify)

Total amount entered for amount spent on all other expenses in the using average monthly exchange rates during each round of data collection; missing if all item amounts are missing.

Question Details **Details** Question Details Question HH monthly non-food expenditures (USD) - Appendix Tables A8-A10, Column 3 Follow-up 2

What is your household expenditure on the following items in the past 10 days (Exclude past 10 days, multiplied by 3 to all the expenses for your businesses): Non food Items (clothing, footware, remittances sent to others, toys); Additional Immediate Household Items (fuel, item amounts are missing. electricity and telephone bills, toilet artices, house rent, transportation fees, informal fees; Festivals and ceremonies (self and others); Entertainment ( movies, gambling, etc); Medical expenses (both institutional and non-institutional hospitalization, healer fees, etc.);

Total amount entered for amount What is your household spent on non-food items in the make it monthly, converted to USD using average monthly exchange rates during each round (clothes, healthcare, etc.); Bills of data collection; missing if all

expenditure on the following all the expenses for your businesses): Non-food items (water, eletricity, phone, etc.); Rent; Recreational (videoke, watching movies, etc.); Cigarettes, alcohol, and gambling; Other (specify)

Total amount entered for amount What is your household spent on all other expenses in the expenditure on the following items in the past 7 days? (Exclude past 7 days, multiplied by 4.29 to items in the last two months? make it monthly, converted to USD using average monthly exchange rates during each round eletricity, phone, etc.); Medicine of data collection; missing if all item amounts are missing.

(Exclude all the expenses for your businesses): Bills (water, and health care; Rent; Recreational (videoke, watching movies, net cafe, etc.); Cigarettes, alcohol, and gambling; Non-food items (clothes, household items, fuel, etc.); Other (specify)

Total amount entered for amount spent on all other expenses in the past 2 months, divided by 2 to make it monthly, converted to USD using average monthly exchange rates during each round of data collection; missing if all item amounts are missing.

Follow-up 3

Alcohol

What is your household expenditure on the following items in the past 30 days (Exclude the past 30 days, converted to all the expenses for your businesses)? Tobacco; Alcohol; Non food Items (clothing, footware, remittances sent to others, toys, and jewelry); Additional Immediate Household Items (fuel, electricity and telephone bills, toilet artices, house rent, transportation fees, informal fees; Festivals and ceremonies (self and others); Entertainment (movies, gambling, etc); Medical expenses (both institutional and noninstitutional – hospitalization, healer fees, etc.); Alcohol

Sum of the amounts spent on each non-food expenses listed in USD using average monthly exchange rates during each round businesses): Non-food items of data collection; missing if any one non-food expense is missing; missing if all item amounts are

What is your household expenditure on the following all the expenses for your (clothes, healthcare, etc.); Bills (water, eletricity, phone, etc.); Rent; Recreational (videoke, watching movies, etc.); Cigarettes, alcohol, and gambling; Other (specify)

Total amount entered for amount What is your household spent on all other expenses in the expenditure on the following make it monthly, converted to USD using average monthly exchange rates during each round eletricity, phone, etc.); Medicine of data collection; missing if all item amounts are missing.

items in the past 7 days? (Exclude past 7 days, multiplied by 4.29 to items in the last month? (Exclude all the expenses for your businesses): Bills (water, and health care; Rent; Recreational (videoke, watching movies, net cafe, etc.); Cigarettes, alcohol, and gambling; Non-food items (clothes, household items, fuel, etc.); Other (specify)

Total amount entered for amount spent on all other expenses in the past month, converted to USD using average monthly exchange rates during each round of data collection; missing if all item amounts are missing.

|             | India 2007 |               | Philipp  | Philippines 2007   |  | Philippines 2010  |  |
|-------------|------------|---------------|--|--|--|---|--|
|             | Question   | Details       | Question   | Details  | Question   | Details   |  |
|             |            | HH monthly no | n-food expenditures (USD) -  | Appendix Tables A8-A10, Co   | lumn 3   |   |  |
| Follow-up 4 |            |               | How much did you spend on these items in the past 30 days? (Exclude your business and give the answer for how much you spent for your household only): Non-food items (clothes, healthcare, etc.); Bills (water, eletricity, phone, etc.); Rent; Recreational (videoke, watching movies, etc.); Cigarettes, alcohol, and gambling; Festivals / ceremonies / functions; Medical expenses (institutional and non institutions, meaning hospitals, healers, etc.); Debt repayment (repayment of principal and | Total amount entered for amount spent on all other expenses in the past 30 days converted to USD using average monthly exchange rates during each round of data collection; missing if all item amounts are missing. | expenditure on the following items in the last month? (Exclude | Total amount entered for amount spent on all other expenses in the past month, converted to USD using average monthly exchange rates during each round of data collection; missing if all item amounts are missing. |  |

interest on past loans); Other

(specify)

A1. Baseline Statistics and Orthogonality Verification

|                                     | (1)    | (2)              | (3)            | (4)     | (5)     | (6)                     | (7)                     | (8)                     | (9)                     | (10)                    | (11)                    | (12)  |
|-------------------------------------|--------|------------------|----------------|---------|---------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---|
|                                     | Both   | Training<br>Only | Payoff<br>Only | Control | Overall | (1) vs. (2),<br>p-value | (1) vs. (3),<br>p-value | (1) vs. (4),<br>p-value | (2) vs. (3),<br>p-value | (2) vs. (4),<br>p-value | (3) vs. (4),<br>p-value | p-value from joint<br>orthogonality test<br>of treatment arms |
| A. India 2007                       |        |                  |                |         |         |                         |                         |                         |                         |                         |                         |   |
| Any moneylender debt                | 0.65   | 0.70             | 0.68           | 0.72    | 0.69    | 0.21                    | 0.51                    | 0.08                    | 0.56                    | 0.62                    | 0.28                    | 0.34  |
| Amount moneylender debt (USD)       | 16.33  | 18.79            | 18.31          | 19.88   | 18.33   | 0.10                    | 0.18                    | 0.02                    | 0.75                    | 0.49                    | 0.30                    | 0.13  |
| Coped via savings                   | 0.16   | 0.19             | 0.18           | 0.22    | 0.19    | 0.56                    | 0.76                    | 0.30                    | 0.79                    | 0.66                    | 0.49                    | 0.77  |
| Coped via borrowing                 | 0.83   | 0.80             | 0.77           | 0.74    | 0.78    | 0.57                    | 0.32                    | 0.09                    | 0.65                    | 0.25                    | 0.51                    | 0.36  |
| Coped via cutting consumption       | 0.15   | 0.09             | 0.13           | 0.12    | 0.12    | 0.20                    | 0.76                    | 0.55                    | 0.35                    | 0.49                    | 0.78                    | 0.63  |
| HH monthly total expenditures (USD) | 133.49 | 132.24           | 135.62         | 130.08  | 132.86  | 0.83                    | 0.71                    | 0.51                    | 0.56                    | 0.69                    | 0.31                    | 0.79  |
| Any savings                         | 0.93   | 0.95             | 0.96           | 0.95    | 0.95    | 0.45                    | 0.11                    | 0.45                    | 0.38                    | 1.00                    | 0.38                    | 0.46  |
| Take-home profit typical day (USD)  | 2.55   | 2.66             | 2.64           | 2.76    | 2.65    | 0.33                    | 0.42                    | 0.06                    | 0.84                    | 0.43                    | 0.31                    | 0.35  |
| Surveyed in all rounds              | 0.90   | 0.87             | 0.88           | 0.87    | 0.88    | 0.33                    | 0.57                    | 0.26                    | 0.68                    | 0.89                    | 0.59                    | 0.69  |
| N                                   | 250    | 250              | 250            | 250     | 1000    |                         |                         |                         |                         |                         |                         |   |
| B. Philippines 2007                 |        |                  |                |         |         |                         |                         |                         |                         |                         |                         |   |
| Any moneylender debt                | 0.90   | 0.89             | 0.85           | 0.86    | 0.88    | 0.75                    | 0.39                    | 0.41                    | 0.60                    | 0.62                    | 0.97                    | 0.80  |
| Amount moneylender debt (USD)       | 74.00  | 74.91            | 65.70          | 68.32   | 70.73   | 0.93                    | 0.39                    | 0.57                    | 0.32                    | 0.50                    | 0.77                    | 0.74  |
| Coped via savings                   | 0.19   | 0.17             | 0.24           | 0.27    | 0.22    | 0.87                    | 0.64                    | 0.47                    | 0.53                    | 0.39                    | 0.83                    | 0.80  |
| Coped via borrowing                 | 0.67   | 0.46             | 0.56           | 0.57    | 0.57    | 0.14                    | 0.44                    | 0.45                    | 0.49                    | 0.44                    | 0.96                    | 0.53  |
| Coped via cutting consumption       | 0.59   | 0.54             | 0.24           | 0.43    | 0.45    | 0.72                    | 0.01                    | 0.24                    | 0.03                    | 0.44                    | 0.14                    | 0.06  |
| HH monthly total expenditures (USD) | 25.83  | 27.71            | 22.57          | 26.24   | 25.59   | 0.49                    | 0.18                    | 0.87                    | 0.06                    | 0.59                    | 0.13                    | 0.24  |
| Any savings                         | 0.46   | 0.42             | 0.50           | 0.46    | 0.46    | 0.65                    | 0.66                    | 1.00                    | 0.37                    | 0.65                    | 0.66                    | 0.85  |
| Take-home profit typical day (USD)  | 10.04  | 9.54             | 7.74           | 9.67    | 9.25    | 0.85                    | 0.38                    | 0.90                    | 0.42                    | 0.96                    | 0.46                    | 0.82  |
| Working capital (USD)               | 8.13   | 5.37             | 30.32          | 18.99   | 15.68   | 0.86                    | 0.29                    | 0.52                    | 0.26                    | 0.45                    | 0.63                    | 0.57  |
| Surveyed in all rounds              | 0.83   | 0.79             | 0.82           | 0.86    | 0.82    | 0.62                    | 0.97                    | 0.63                    | 0.65                    | 0.33                    | 0.60                    | 0.81  |
| N                                   | 63     | 62               | 62             | 63      | 250     |                         |                         |                         |                         |                         |                         |   |
| C. Philippines 2010                 |        |                  |                |         |         |                         |                         |                         |                         |                         |                         |   |
| Any moneylender debt                | 0.83   |                  |                | 0.83    | 0.83    |                         |                         | 0.85                    |                         |                         |                         | 0.85  |
| Amount moneylender debt (USD)       | 106.91 |                  |                | 105.52  | 106.45  |                         |                         | 0.86                    |                         |                         |                         | 0.86  |
| Coped via savings                   | 0.24   |                  |                | 0.29    | 0.26    |                         |                         | 0.48                    |                         |                         |                         | 0.48  |
| Coped via borrowing                 | 0.46   |                  |                | 0.40    | 0.44    |                         |                         | 0.51                    |                         |                         |                         | 0.51  |
| Coped via cutting consumption       | 0.13   |                  |                | 0.15    | 0.14    |                         |                         | 0.84                    |                         |                         |                         | 0.84  |
| HH monthly total expenditures (USD) | 15.52  |                  |                | 14.93   | 15.33   |                         |                         | 0.42                    |                         |                         |                         | 0.42  |
| Any savings                         | 0.60   |                  |                | 0.61    | 0.60    |                         |                         | 0.65                    |                         |                         |                         | 0.65  |
| Take-home profit typical day (USD)  | 7.69   |                  |                | 7.85    | 7.74    |                         |                         | 0.75                    |                         |                         |                         | 0.75  |
| Working capital (USD)               | 57.67  |                  |                | 65.53   | 60.29   |                         |                         | 0.74                    |                         |                         |                         | 0.74  |
| Surveyed in all rounds              | 0.84   |                  |                | 0.76    | 0.81    |                         |                         | 0.02                    |                         |                         |                         | 0.02  |
| N                                   | 468    |                  |                | 233     | 701     |                         |                         |                         |                         |                         |                         |   |

Within each panel A-C, row 1 is whether they borrowed from a money lender for working capital, row 2 is the amount they borrowed from a money lender for working capital in USD, row 3 is whether they coped with a HH income shock by using savings (missing if no HH income shock), row 4 is whether they coped with a HH income shock by borrowing (missing if no HH income shock), row 5 is whether they coped with a HH income shock by cutting consumption (missing if no HH income shock), row 6 is total monthly HH expenditures in USD, row 7 is whether they currently have any form of savings, row 8 is their approximate take-home business profit on a typical day in USD, and row 9 is whether they were surveyed in all rounds of data collection.

|  | (1)                                 | (2)  | (3)  | (4)  | (5)   | (6)   | (7)                                      | (8)   | (9)   |
|--|-------------------------------------|--|--|--|---|---|--|---|---|
|  | Amount<br>Moneylender<br>Debt (USD) | Amount<br>Moneylender<br>Debt (Win. 1%<br>USD) | Amount<br>Moneylender<br>Debt (Win. 5%<br>USD) | HH monthly<br>total<br>expenditures<br>(USD) | HH monthly total<br>expenditures<br>(Win. 1% USD) | HH monthly<br>total<br>expenditures<br>(Win 5% USD) | Take-home<br>profit typical<br>day (USD) | Take-home profit<br>typical day (Win<br>1% USD) | Take-home profit<br>typical day (Win<br>5% USD) |
| Only Payoff in 1st Follow-up (2-4 months)  | -8.35                               | -7.91  | -7.12  | 26.51  | 22.89   | 5.22  | -0.04                                    | -0.08   | -0.03   |
|  | (1.99)                              | (1.91)   | (1.82)   | (21.44)                                      | (19.52)   | (14.52)   | (0.15)                                   | (0.13)  | (0.12)  |
| Only Payoff in 2nd Follow-up (5-8 months)  | 0.31                                | 0.22   | -0.19  | 14.50  | 17.89   | 12.97   | -0.18                                    | -0.17   | -0.11   |
| 2 mg - mg  | (2.09)                              | (2.03)   | (1.91)   | (18.49)                                      | (16.20)   | (12.78)   | (0.16)                                   | (0.16)  | (0.14)  |
| Only Payoff in 3rd Follow-up (9-10 months)   | -0.51                               | -0.42  | -0.08  | 8.62   | 4.92  | -0.01   | 0.03                                     | 0.07  | 0.06  |
|  | (2.14)                              | (2.07)   | (1.94)   | (19.10)                                      | (16.95)   | (11.35)   | (0.17)                                   | (0.15)  | (0.13)  |
| Only Training in 1st Follow-up (2-4 months)  | -1.57                               | -1.07  | -0.63  | -14.37                                       | -16.17  | -23.95  | -0.02                                    | -0.02   | -0.03   |
| ,  | (2.02)                              | (1.86)   | (1.73)   | (19.60)                                      | (18.35)   | (14.25)   | (0.14)                                   | (0.14)  | (0.11)  |
| Only Training in 2nd Follow-up (5-8 months)  | 0.05                                | 0.43   | 0.53   | -33.95                                       | -27.99  | -21.31  | -0.15                                    | -0.14   | -0.1  |
| 1  | (1.88)                              | (1.82)   | (1.77)   | (15.65)                                      | (13.76)   | (11.57)   | (0.16)                                   | (0.15)  | (0.13)  |
| Only Training in 3rd Follow-up (9-10 months)   | -1.77                               | -1.51  | -1.29  | -18.68                                       | -17.68  | -15.19  | -0.33                                    | -0.28   | -0.22   |
|  | (2.08)                              | (1.99)   | (1.85)   | (16.26)                                      | (15.46)   | (10.83)   | (0.16)                                   | (0.14)  | (0.12)  |
| Payoff + Training in 1st Follow-up (2-4 months)  | -6.46                               | -6.11  | -5.70  | 2.43   | -2.97   | -6.88   | 0.32                                     | 0.30  | 0.27  |
|  | (2.19)                              | (2.10)   | (1.97)   | (19.85)                                      | (17.29)   | (13.88)   | (0.15)                                   | (0.14)  | (0.12)  |
| Payoff + Training in 2nd Follow-up (5-8 months)  | -0.55                               | -0.53  | -0.80  | -16.7  | -11.78  | -7.70   | 0.16                                     | 0.15  | 0.19  |
|  | (2.10)                              | (2.05)   | (1.95)   | (15.95)                                      | (13.92)   | (11.39)   | (0.16)                                   | (0.16)  | (0.13)  |
| Payoff + Training in 3rd Follow-up (9-10 months)   | -1.40                               | -1.48  | -1.18  | -1.21  | -2.20   | -3.64   | -0.06                                    | -0.03   | -0.06   |
|  | (2.12)                              | (2.01)   | (1.88)   | (17.49)                                      | (16.13)   | (10.99)   | (0.17)                                   | (0.15)  | (0.13)  |
| Observations   | 2,632                               | 2,632  | 2,632  | 2,418  | 2,418   | 2,418   | 2,601                                    | 2,601   | 2,601   |
| Observations, F1   | 870                                 | 870  | 870  | 880  | 880   | 880   | 869                                      | 869   | 869   |
| Observations, F2   | 881                                 | 881  | 881  | 873  | 873   | 873   | 877                                      | 877   | 877   |
| Observations, F3   | 881                                 | 881  | 881  | 665  | 665   | 665   | 855                                      | 855   | 855   |
| Control mean dependent var   | 24.83                               | 24.56  | 23.98  | 238.01                                       | 235.20  | 227.06  | 2.87                                     | 2.85  | 2.75  |
| Control SD dependent var   | 25.57                               | 24.62  | 23.09  | 181.84                                       | 164.35  | 133.09  | 1.76                                     | 1.63  | 1.37  |
| Baseline Outcome Measure Included?   | Yes                                 | Yes  | Yes  | Yes  | Yes   | Yes   | Yes                                      | Yes   | Yes   |
| p-value for test: Payoff F1 = Payoff + Training F1   | 0.36                                | 0.38   | 0.48   | 0.31   | 0.20  | 0.40  | 0.03                                     | 0.01  | 0.02  |
| p-value for test: Payoff F2 = Payoff + Training F2   | 0.70                                | 0.73   | 0.76   | 0.05   | 0.05  | 0.09  | 0.03                                     | 0.04  | 0.02  |
| p-value for test: Payoff F3 = Payoff + Training F3   | 0.68                                | 0.60   | 0.57   | 0.61   | 0.67  | 0.74  | 0.58                                     | 0.53  | 0.34  |
| p-value for test: Training F1 = Payoff + Training F1   | 0.02                                | 0.01   | 0.01   | 0.45   | 0.49  | 0.23  | 0.03                                     | 0.02  | 0.01  |
| p-value for test: Training F2 = Payoff + Trainingg F2  | 0.77                                | 0.63   | 0.48   | 0.18   | 0.20  | 0.22  | 0.04                                     | 0.04  | 0.02  |
| p-value for test: Training F3 = Payoff + Training F3   | 0.86                                | 0.99   | 0.95   | 0.29   | 0.32  | 0.27  | 0.07                                     | 0.08  | 0.23  |
| p-value for test: Payoff F1 = Payoff F3  | 0.00                                | 0.00   | 0.00   | 0.47   | 0.43  | 0.74  | 0.70                                     | 0.41  | 0.57  |
| p-value for test: Training F1 = Training F3  | 0.93                                | 0.85   | 0.75   | 0.86   | 0.95  | 0.59  | 0.09                                     | 0.13  | 0.20  |
| p-value for test: Payoff + Training F1 = Payoff + Training F3  1. *** p<0.01, ** p<0.05, * p<0.1. 2. Robust standard errors clustered at the | 0.06                                | 0.06   | 0.05   | 0.88   | 0.97  | 0.84  | 0.06                                     | 0.07  | 0.03  |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Robust standard errors clustered at the

|  | (1)                                 | (2)   | (3)   | (4)  | (5)  | (6)   | (7)                                      | (8)  | (9)   | (10)                                     |
|--|-------------------------------------|---|---|--|--|---|--|--|---|--|
|  | Amount<br>moneylender<br>debt (USD) | Amount<br>moneylender debt<br>(Win. 1% USD) | Amount<br>moneylender debt<br>(Win. 5% USD) | HH monthly<br>total<br>expenditures<br>(USD) | HH monthly<br>total<br>expenditures<br>(Win. 1% USD) | HH monthly<br>total<br>expenditures<br>(Win 5% USD) | Take-home<br>profit typical<br>day (USD) | Take-home<br>profit typical<br>day (Win 1%<br>USD) | Take-home<br>profit typical day<br>(Win 5% USD) | Total working<br>capital (Win 5%<br>USD) |
| Only Payoff in 1st Follow-up (1 month)   | -46.73                              | -48.90                                      | -49.41                                      | -16.79                                       | -14.6  | -11.5   |  |  |   |  |
|  | (14.98)                             | (13.77)                                     | (11.40)                                     | (17.78)                                      | (16.91)  | (15.26)   |  |  |   |  |
| Only Payoff in 2nd Follow-up (2 months)  | -64.56                              | -64.62                                      | -59.1                                       | -15.63                                       | -15.73   | -7.06   |  |  |   |  |
|  | (12.83)                             | (12.77)                                     | (11.21)                                     | (20.79)                                      | (20.72)  | (17.98)   |  |  |   |  |
| Only Payoff in 3rd Follow-up (3 months)  | -45.64                              | -47.91                                      | -45.47                                      | -0.15  | -0.80  | -2.97   |  |  |   |  |
|  | (17.62)                             | (16.53)                                     | (13.76)                                     | (22.92)                                      | (22.73)  | (21.61)   |  |  |   |  |
| Only Payoff in 4th Follow-up (18 months)   | 9.33                                | 14.33                                       | 13.86                                       | -10.59                                       | -9.76  | -5.66   | 2.79                                     | 2.09   | 0.36  | 1.5                                      |
|  | (14.27)                             | (11.60)                                     | (9.01)                                      | (47.49)                                      | (47.31)  | (42.24)   | (2.19)                                   | (1.93)   | (0.95)  | (24.88)                                  |
| Only Training in 1st Follow-up (1 month)   | -2.48                               | -2.54                                       | -4.07                                       | -32.12                                       | -28.93   | -29.15  |  |  |   |  |
|  | (14.55)                             | (14.52)                                     | (12.28)                                     | (17.84)                                      | (16.94)  | (14.82)   |  |  |   |  |
| Only Training in 2nd Follow-up (2 months)  | -1.89                               | -2.62                                       | -6.42                                       | -46.14                                       | -44.99   | -36.57  |  |  |   |  |
| 0.1.77.11.1.10.17.11   | (16.77)                             | (16.48)                                     | (12.82)                                     | (22.53)                                      | (21.88)  | (18.25)   |  |  |   |  |
| Only Training in 3rd Follow-up (3 months)  | -5.32                               | -5.38                                       | -4.93                                       | -33.23                                       | -33.36   | -34.63  |  |  |   |  |
| 0.1 77 11 141 17 11 (10 4.)  | (17.88)                             | (17.83)                                     | (15.09)                                     | (24.43)                                      | (23.51)  | (21.88)   | 0.07                                     | 0.50   | 0.14  | 50.16                                    |
| Only Training in 4th Follow-up (18 months)   | -12.91                              | -7.90<br>(10.40)                            | -5.25<br>(8.41)                             | 15.12  | 8.52   | -8.25<br>(43.22)                                    | 0.07                                     | -0.52  | 0.14<br>(1.03)                                  | 59.16                                    |
| Payoff + Training in 1st Follow-up (1 month)   | (13.35)<br>-64.22                   | (10.49)<br>-63.98                           | -60.98                                      | (56.53)<br>-1.68                             | (53.44)<br>-5.06                                     | -8.93   | (2.41)                                   | (2.07)   | (1.03)  | (26.97)                                  |
| rayon + framing in 1st ronow-up (1 month)  | (12.59)                             | (12.53)                                     | (11.52)                                     | (20.91)                                      | (18.74)  | (15.40)   |  |  |   |  |
| Payoff + Training in 2nd Follow-up (2 months)  | -72.39                              | -72.15                                      | -67.36                                      | -24.62                                       | -29.92   | -22.87  |  |  |   |  |
| 1 ayon + Training in 2nd Follow-up (2 months)  | (13.80)                             | (13.72)                                     | (12.03)                                     | (24.66)                                      | (23.10)  | (19.17)   |  |  |   |  |
| Payoff + Training in 3rd Follow-up (3 months)  | -65.63                              | -65.4                                       | -59.75                                      | -19.71                                       | -20.21   | -21.56  |  |  |   |  |
| rayon - raming in ora ronow up (o monaio)  | (14.62)                             | (14.55)                                     | (12.77)                                     | (24.83)                                      | (24.74)  | (22.55)   |  |  |   |  |
| Payoff + Training in 4th Follow-up (18 months)   | -5.22                               | -0.32                                       | -1.71                                       | -29.61                                       | -30.81   | -35.4   | 5.35                                     | 3.72   | -1.29   | 33.73                                    |
| .,   | (14.31)                             | (11.48)                                     | (8.38)                                      | (50.01)                                      | (49.67)  | (41.20)   | (4.83)                                   | (3.73)   | (0.90)  | (23.89)                                  |
| Observations   | 822                                 | 822   | 822   | 823  | 823  | 823   | 194                                      | 194  | 194   | 155                                      |
| Observations, F1   | 206                                 | 206   | 206   | 206  | 206  | 206   | delete                                   | delete   | delete  | delete                                   |
| Observations, F2   | 206                                 | 206   | 206   | 205  | 205  | 205   | delete                                   | delete   | delete  | delete                                   |
| Observations, F3   | 206                                 | 206   | 206   | 206  | 206  | 206   | delete                                   | delete   | delete  | delete                                   |
| Observations, F4   | 204                                 | 204   | 204   | 206  | 206  | 206   | 194                                      | 194  | 194   | 155                                      |
| Control mean dependent var   | 81.9                                | 80.64                                       | 75.79                                       | 271.57                                       | 271.23   | 265.89  | 7.52                                     | 7.52   | 6.94  | 87.44                                    |
| Control SD dependent var   | 89.63                               | 85.13                                       | 73.15                                       | 194.98                                       | 194.05   | 178.81  | 7.62                                     | 7.62   | 5.50  | 111.22                                   |
| Baseline Outcome Measure Included?   | Yes                                 | Yes   | Yes   | Yes  | Yes  | Yes   | Yes                                      | Yes  | Yes   | Yes                                      |
| p-value for test: Payoff F1 = Payoff + Training F1   | 0.20                                | 0.23  | 0.29  | 0.39   | 0.56   | 0.85  | delete                                   | delete   | delete  | delete                                   |
| p-value for test: Payoff F2 = Payoff + Training F2   | 0.46                                | 0.48  | 0.43  | 0.65   | 0.43   | 0.31  | delete                                   | delete   | delete  | delete                                   |
| p-value for test: Payoff F3 = Payoff + Training F3   | 0.18                                | 0.20  | 0.25  | 0.43   | 0.43   | 0.40  | delete                                   | delete   | delete  | delete                                   |
| p-value for test: Payoff F4 = Payoff + Training F4<br>p-value for test: Training F1 = Payoff + Training F1   | 0.24<br>0.00                        | 0.23<br>0.00                                | 0.09<br>0.00                                | 0.69<br>0.10                                 | 0.65<br>0.16   | 0.45<br>0.15  | 0.53<br>delete                           | 0.62<br>delete                                     | 0.06<br>delete                                  | 0.25<br>delete                           |
| p-value for test: Training F1 = Payoff + Training F1<br>p-value for test: Training F2 = Payoff + Training F2 | 0.00                                | 0.00  | 0.00  | 0.10   | 0.44   | 0.13  | delete                                   | delete   | delete  | delete                                   |
| p-value for test: Training F3 = Payoff + Training F3 p-value for test: Training F3 = Payoff + Training F3    | 0.00                                | 0.00  | 0.00  | 0.52   | 0.44   | 0.40  | delete                                   | delete   | delete  | delete                                   |
| p-value for test: Training F3 = Fayoff + Training F3 p-value for test: Training F4 = Payoff + Training F4    | 0.50                                | 0.50  | 0.68  | 0.43   | 0.46   | 0.57  | 0.25                                     | 0.27   | 0.13  | 0.40                                     |
| p-value for test: Payoff F1 = Payoff F4  | 0.01                                | 0.00  | 0.00  | 0.43   | 0.92   | 0.89  | delete                                   | delete   | delete  | delete                                   |
| p-value for test: Training F1 = Training F4  | 0.59                                | 0.76  | 0.94  | 0.42   | 0.49   | 0.64  | delete                                   | delete   | delete  | delete                                   |
| p-value for test: Payoff + Training F1 = Payoff + Training F4  | 0.00                                | 0.00  | 0.00  | 0.57   | 0.60   | 0.52  | )  | )  | )   | )  |
| 1 *** p<0.01 ** p<0.05 * p<0.1 2 Pobust standard errors clustered at the world                               |                                     | ~ ~ ~ ~                                     | ****  |  | ~~~  | ***-  |  |  |   |  |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Robust standard errors clustered at the vendor

|   | (1)                                 | (2)  | (3)  | (4)  | (5)  | (6)   | (7)                                      | (8)  | (9)   | (10)                                     |
|---|-------------------------------------|--|--|--|--|---|--|--|---|--|
|   | Amount<br>moneylender<br>debt (USD) | Amount<br>moneylender<br>debt (Win. 1%<br>USD) | Amount<br>moneylender<br>debt (Win. 5%<br>USD) | HH monthly<br>total<br>expenditures<br>(USD) | HH monthly<br>total<br>expenditures<br>(Win. 1% USD) | HH monthly<br>total<br>expenditures<br>(Win 5% USD) | Take-home<br>profit typical<br>day (USD) | Take-home<br>profit typical<br>day (Win 1%<br>USD) | Take-home<br>profit typical day<br>(Win 5% USD) | Total working<br>capital (Win 5%<br>USD) |
| Payoff + Training in 1st Follow-up (1 month)                  | -32.53                              | -31.61   | -25.89   | 2.39   | 3.40   | 4.09  | 0.65                                     | 0.43   | 0.27  | 25.79                                    |
|   | (10.09)                             | (9.52)   | (7.92)   | (8.06)                                       | (7.35)   | (6.37)  | (0.41)                                   | (0.35)   | (0.28)  | (10.14)                                  |
| Payoff + Training in 2nd Follow-up (4 months)                 | -14.31                              | -13.70   | -10.52   | -6.73  | -5.99  | -1.04   | 1.00                                     | 0.60   | 0.28  | 15.52                                    |
|   | (10.19)                             | (9.56)   | (8.22)   | (9.75)                                       | (9.40)   | (7.09)  | (0.53)                                   | (0.39)   | (0.31)  | (10.17)                                  |
| Payoff + Training in 3rd Follow-up (8 months)                 | -13.01                              | -12.21   | -9.82  | -2.39  | -3.08  | -2.18   | 1.58                                     | 1.08   | 0.72  | 19.69                                    |
|   | (11.29)                             | (10.68)  | (9.23)   | (9.21)                                       | (8.66)   | (7.79)  | (0.63)                                   | (0.37)   | (0.30)  | (10.84)                                  |
| Payoff + Training in 4th Follow-up (18-19 months)             | -12.04                              | -6.23  | -8.54  | -3.40  | -3.88  | -0.73   | 1.15                                     | 0.69   | 0.49  | 30.12                                    |
|   | (18.62)                             | (15.26)  | (11.86)  | (10.67)                                      | (10.08)  | (8.72)  | (0.59)                                   | (0.42)   | (0.30)  | (15.08)                                  |
| Observations  | 2,158                               | 2,158  | 2,158  | 2,073  | 2,073  | 2,073   | 2,133                                    | 2,133  | 2,133   | 2,054                                    |
| Observations, F1  | 569                                 | 569  | 569  | 494  | 494  | 494   | 554                                      | 554  | 554   | 552                                      |
| Observations, F2  | 565                                 | 565  | 565  | 496  | 496  | 496   | 541                                      | 541  | 541   | 538                                      |
| Observations, F3  | 568                                 | 568  | 568  | 517  | 517  | 517   | 543                                      | 543  | 543   | 541                                      |
| Observations, F4  | 456                                 | 456  | 456  | 566  | 566  | 566   | 495                                      | 495  | 495   | 423                                      |
| Control mean dependent var                                    | 125.77                              | 123.27   | 115.42   | 220.48                                       | 219.43   | 214.10  | 6.89                                     | 6.89   | 6.75  | 0.13                                     |
| Control SD dependent var                                      | 148.71                              | 133.80   | 110.28   | 116.53                                       | 111.79   | 94.39   | 4.10                                     | 4.09   | 3.43  | 126.85                                   |
| Baseline Outcome Measure Included?                            | Yes                                 | Yes  | Yes  | Yes  | Yes  | Yes   | Yes                                      | Yes  | Yes   | Yes                                      |
| p-value for test: Payoff + Training F1 = Payoff + Training F4 | 0.25                                | 0.10   | 0.15   | 0.58   | 0.46   | 0.58  | 0.36                                     | 0.60   | 0.55  | 0.78                                     |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Robust standard errors clustered at the vendor level

(3) (2) (4) Coped via Coped via cutting HH income Coped via savings borrowing (0 if consumption (0 if (0 if no shock) shock no shock) no shock) Only Payoff in 1st Follow-up (2-4 months) 0.04 0.10 -0.02-0.04(0.04)(0.04)(0.05)(0.02)Only Payoff in 2nd Follow-up (5-8 months) 0.05 0.06 -0.01 0.00 (0.05)(0.03)(0.05)(0.02)Only Payoff in 3rd Follow-up (9-10 months) 0.01 0.06 -0.010.00 (0.04)(0.03)(0.05)(0.02)Only Training in 1st Follow-up (2-4 months) 0.01 -0.02 0.04 -0.01 (0.04)(0.03)(0.05)(0.03)Only Training in 2nd Follow-up (5-8 months) 0.03 0.04 -0.02 0.00 (0.05)(0.03)(0.02)(0.05)Only Training in 3rd Follow-up (9-10 months) 0.00 0.000.04-0.03 (0.04)(0.03)(0.05)(0.02)Payoff + Training in 1st Follow-up (2-4 months) -0.05 0.05 -0.100.00 (0.05)(0.04)(0.05)(0.03)Payoff + Training in 2nd Follow-up (5-8 months) -0.01 0.02 -0.03 -0.01 (0.05)(0.05)(0.02)(0.03)Payoff + Training in 3rd Follow-up (9-10 months) -0.010.02 -0.03 -0.01(0.04)(0.03)(0.05)(0.02)Observations 2,643 2,643 2,643 2,643 Observations, F1 881 881 881 881 Observations, F2 881 881 881 881 Observations, F3 881 881 881 881 Control mean dependent var 0.66 0.11 0.46 0.05 0.48 0.21 Control SD dependent var 0.32 0.50 Baseline Outcome Measure Included? Yes Yes Yes Yes p-value for test: Payoff F1 = Payoff + Training F1 0.04 0.22 0.08 0.05 p-value for test: Payoff F2 = Payoff + Training F2 0.23 0.30 0.77 0.54 0.54 p-value for test: Payoff F3 = Payoff + Training F3 0.61 0.30 0.77 p-value for test: Training F1 = Payoff + Training F10.16 0.05 0.00 0.67 p-value for test: Training F2 = Payoff + Trainingg F2 0.47 0.59 0.96 0.53

0.73

0.64

0.94

0.49

0.59

0.41

0.15

0.57

0.96

0.94

0.28

0.24

0.53

0.10

0.65

0.81

p-value for test: Training F3 = Payoff + Training F3

p-value for test: Payoff F1 = Payoff F3

p-value for test: Training F1 = Training F3

p-value for test: Payoff + Training F1 = Payoff + Training F3 1. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1. 2. Robust standard errors clustered at the

(1) (2) (3) (4)

|  |                    | ` ′                                     | ` /                                       | ` '   |
|--|--------------------|---|---|---|
|  | HH income<br>shock | Coped via<br>savings (0 if no<br>shock) | Coped via<br>borrowing (0 if<br>no shock) | Coped via cutting<br>consumption (0 if<br>no shock) |
| Only Payoff in 1st Follow-up (1 month)   | -0.06              | 0.09                                    | -0.24                                     | -0.04   |
| Only Payoff in 2nd Follow-up (2 months)  | (0.10)             | (0.07)<br>0.04                          | (0.07)<br>0.08                            | (0.09)<br>-0.05                                     |
| Only Payoff in 3rd Follow-up (3 months)  | (0.09)             | (0.04)                                  | (0.06)                                    | (0.07)  |
|  | 0.03               | 0.03                                    | -0.07                                     | 0.03  |
|  | (0.09)             | (0.05)                                  | (0.07)                                    | (0.06)  |
| Only Payoff in 4th Follow-up (18 months)   | 0.02 (0.10)        | -0.02<br>(0.08)                         | 0.07)<br>0.11<br>(0.09)                   | -0.03<br>(0.07)                                     |
| Only Training in 1st Follow-up (1 month)   | -0.17<br>(0.10)    | 0.09 (0.07)                             | -0.18<br>(0.08)                           | -0.11<br>(0.08)                                     |
| Only Training in 2nd Follow-up (2 months)  | 0.07 (0.09)        | 0.07<br>(0.04)                          | 0.14<br>(0.07)                            | -0.02<br>(0.07)                                     |
| Only Training in 3rd Follow-up (3 months)  | -0.01<br>(0.09)    | 0.01<br>(0.05)                          | -0.05<br>(0.07)                           | 0.01 (0.06)   |
| Only Training in 4th Follow-up (18 months)   | -0.06              | -0.09                                   | -0.03                                     | 0.06  |
|  | (0.10)             | (0.08)                                  | (0.09)                                    | (0.08)  |
| Payoff + Training in 1st Follow-up (1 month)   | -0.17              | 0.03                                    | -0.21                                     | -0.07   |
|  | (0.09)             | (0.06)                                  | (0.08)                                    | (0.09)  |
| Payoff + Training in 2nd Follow-up (2 months)  | -0.10              | 0.04                                    | 0.01                                      | -0.09   |
|  | (0.08)             | (0.04)                                  | (0.05)                                    | (0.07)  |
| Payoff + Training in 3rd Follow-up (3 months)  | 0.02               | 0.06                                    | -0.12                                     | 0.00  |
|  | (0.09)             | (0.06)                                  | (0.06)                                    | (0.06)  |
| Payoff + Training in 4th Follow-up (18 months)   | -0.05              | -0.03                                   | -0.12                                     | 0.08  |
|  | (0.10)             | (0.08)                                  | (0.08)                                    | (0.08)  |
| Observations   | 824                | 824                                     | 824                                       | 824   |
| Observations, F1 Observations, F2  | 206                | 206                                     | 206                                       | 206   |
|  | 206                | 206                                     | 206                                       | 206   |
| Observations, F3 Observations, F4  | 206                | 206                                     | 206                                       | 206   |
|  | 206                | 206                                     | 206                                       | 206   |
| Control mean dependent var Control SD dependent var Baseline Outcome Measure Included?   | 0.39               | 0.1                                     | 0.21                                      | 0.19  |
|  | 0.49               | 0.3                                     | 0.41                                      | 0.39  |
|  | Yes                | Yes                                     | Yes                                       | Yes   |
| p-value for test: Payoff F1 = Payoff + Training F1 p-value for test: Payoff F2 = Payoff + Training F2  | 0.26               | 0.39                                    | 0.56                                      | 0.72  |
|  | 0.08               | 0.98                                    | 0.27                                      | 0.44  |
| p-value for test: Payoff F3 = Payoff + Training F3 p-value for test: Payoff F4 = Payoff + Training F4  | 0.93<br>0.47       | 0.53<br>0.96                            | 0.27<br>0.39<br>0.01                      | 0.44<br>0.67<br>0.14                                |
| p-value for test: Training F1 = Payoff + Training F1   | 0.98               | 0.34                                    | 0.63                                      | 0.62  |
| p-value for test: Training F2 = Payoff + Training F2   | 0.04               | 0.64                                    | 0.05                                      | 0.26  |
| p-value for test: Training F3 = Payoff + Training F3   | 0.78               | 0.34                                    | 0.25                                      | 0.86  |
| p-value for test: Training F4 = Payoff + Training F4   | 0.89               | 0.37                                    | 0.23                                      | 0.78  |
| p-value for test: Payoff F1 = Payoff F4  | 0.55               | 0.28                                    | 0.00                                      | 0.93  |
| p-value for test: Training F1 = Training F4  | 0.41               | 0.06                                    | 0.14                                      | 0.13  |
| p-value for test: Payoff + Training F1 = Payoff + Training F4  1. *** p<0.01, ** p<0.05, * p<0.1. 2. Robust standard errors clustered at the | 0.38               | 0.59                                    | 0.34                                      | 0.19  |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Robust standard errors clustered at the

A7. Household income shocks and variations on Table 3 Columns 3-6, Philippines 2010

|   | (1)             | (2)                               | (3)                                       | (4)   |
|---|-----------------|-----------------------------------|---|---|
|   | HH income shock | Coped via savings (0 if no shock) | Coped via<br>borrowing (0 if<br>no shock) | Coped via cutting consumption (0 if no shock) |
| Payoff + Training in 1st Follow-up (1 month)                  | 0.01            | -0.01                             | 0.04                                      | -0.02   |
| D (f + T  | (0.04)          | (0.02)                            | (0.03)                                    | (0.02)  |
| Payoff + Training in 2nd Follow-up (4 months)                 | -0.01           | 0.00                              | -0.03                                     | 0.00  |
|   | (0.04)          | (0.02)                            | (0.03)                                    | (0.03)  |
| Payoff + Training in 3rd Follow-up (8 months)                 | 0.01            | -0.01                             | 0.03                                      | -0.02   |
|   | (0.04)          | (0.02)                            | (0.03)                                    | (0.03)  |
| Payoff + Training in 4th Follow-up (18-19 months)             | 0.00            | 0.00                              | 0.08                                      | 0.00  |
|   | (0.04)          | (0.02)                            | (0.03)                                    | (0.02)  |
| Observations  | 2,272           | 2,272                             | 2,272                                     | 2,272   |
| Observations, F1  | 569             | 569                               | 569                                       | 569   |
| Observations, F2  | 566             | 566                               | 566                                       | 566   |
| Observations, F3  | 569             | 569                               | 569                                       | 569   |
| Observations, F4  | 568             | 568                               | 568                                       | 568   |
| Control mean dependent var                                    | 0.30            | 0.05                              | 0.11                                      | 0.08  |
| Control SD dependent var                                      | 0.46            | 0.21                              | 0.31                                      | 0.27  |
| Baseline Outcome Measure Included?                            | Yes             | Yes                               | Yes                                       | Yes   |
| p-value for test: Payoff + Training F1 = Payoff + Training F4 | 0.86            | 0.53                              | 0.23                                      | 0.57  |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Robust standard errors clustered at the vendor level in parentheses. 3. All regressions also include the baseline value of the outcome variable (coded as zero, with an indicator for observations missing at baseline, whenever unavailable) and a survey wave fixed effect. 4. Column 1 is whether they experienced an

| A8. Components of total nousenoid expenditures, Table 1 Column | (1)                              | (2)                                | (3)                                  | (4)  |
|--|----------------------------------|------------------------------------|--------------------------------------|--|
|  | HH food<br>expenditures<br>(USD) | HH school<br>expenditures<br>(USD) | HH non-food<br>expenditures<br>(USD) | HH monthly<br>total<br>expenditures<br>(USD) |
| Only Payoff in 1st Follow-up (2-4 months)                      | 0.62                             | 2.85                               | 24.35                                | 26.51  |
| Omy rayon in 1st ronow-up (2-4 months)                         | (2.98)                           | (3.27)                             | (19.97)                              | (21.44)                                      |
| Only Payoff in 2nd Follow-up (5-8 months)                      | 2.47                             | 4.62                               | 9.28                                 | 14.5   |
| Only I ayou in 2nd Follow-up (5-6 months)                      | (2.93)                           | (3.02)                             | (17.25)                              | (18.49)                                      |
| Only Payoff in 3rd Follow-up (9-10 months)                     | 0.38                             | -0.92                              | 8.20                                 | 8.62   |
| Only Fayori in 3rd Follow-up (5-10 mondis)                     | (2.85)                           | (2.66)                             | (17.00)                              | (19.10)                                      |
| Only Training in 1st Follow-up (2-4 months)                    | -5.61                            | 1.80                               | -10.11                               | -14.37                                       |
| Only Training in 1st Ponow-up (2-4 months)                     | (2.92)                           |                                    | (18.64)                              |  |
| Only Training in 2nd Follow up (5.9 months)                    | -0.48                            | (3.55)<br>-0.27                    | -32.92                               | (19.60)<br>-33.95                            |
| Only Training in 2nd Follow-up (5-8 months)                    |                                  |                                    |                                      |  |
| Only Training in 2rd Fallow yr (0.10 months)                   | (3.00)                           | (1.21)                             | (14.64)                              | (15.65)                                      |
| Only Training in 3rd Follow-up (9-10 months)                   | -3.48                            | 2.40                               | -15.51                               | -18.68                                       |
| Payoff + Training in 1st Follow-up (2-4 months)                | (2.56)                           | (4.21)                             | (14.09)                              | (16.26)                                      |
| Payoff + Training in 1st Pollow-up (2-4 months)                | 1.20                             | -0.56                              | 3.16                                 | 2.43   |
| D  | (3.27)<br>0.09                   | (2.28)                             | (19.08)                              | (19.85)                                      |
| Payoff + Training in 2nd Follow-up (5-8 months)                |                                  | 2.70                               | -18.27                               | -16.7  |
| Dff + T  | (2.83)                           | (2.39)                             | (15.27)                              | (15.95)                                      |
| Payoff + Training in 3rd Follow-up (9-10 months)               | 1.98                             | 0.28                               | -1.72                                | -1.21  |
|  | (2.86)                           | (3.14)                             | (15.31)                              | (17.49)                                      |
| Observations   | 2,605                            | 2,632                              | 2,436                                | 2,418  |
| Observations, F1   | 881                              | 881                                | 880                                  | 880  |
| Observations, F2   | 881                              | 881                                | 873                                  | 873  |
| Observations, F2 Observations, F3                              | 843                              | 870                                | 683                                  | 665  |
| Control mean dependent var                                     | 75.39                            | 6.69                               | 155.70                               | 238.01                                       |
| Control SD dependent var                                       | 31.56                            | 25.27                              | 167.25                               | 181.84                                       |
| Baseline Outcome Measure Included?                             | Yes                              | Yes                                | Yes                                  | Yes  |
| p-value for test: Payoff F1 = Payoff + Training F1             | 0.86                             | 0.26                               | 0.35                                 | 0.31   |
| p-value for test: Payoff F2 = Payoff + Training F2             |                                  |                                    | 0.33                                 |  |
|  | 0.40                             | 0.59                               |                                      | 0.05   |
| p-value for test: Payoff F3 = Payoff + Training F3             | 0.58                             | 0.67                               | 0.57                                 | 0.61   |
| p-value for test: Training F1 = Payoff + Training F1           | 0.03                             | 0.48                               | 0.53                                 | 0.45   |
| p-value for test: Training F2 = Payoff + Training F2           | 0.84                             | 0.20                               | 0.23                                 | 0.18   |
| p-value for test: Training F3 = Payoff + Training F3           | 0.04                             | 0.62                               | 0.34                                 | 0.29   |
| p-value for test: Payoff F1 = Payoff F3                        | 0.95                             | 0.26                               | 0.49                                 | 0.47   |
| p-value for test: Training F1 = Training F3                    | 0.51                             | 0.91                               | 0.81                                 | 0.86   |
| p-value for test: Payoff + Training F1 = Payoff + Training F3  | 0.83                             | 0.81                               | 0.83                                 | 0.88   |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Robust standard errors clustered at the vendor level in parentheses. 3. All regressions also include the baseline value of

|   | (1)                              | (2)                                | (3)                                  | (4)  |
|---|----------------------------------|------------------------------------|--------------------------------------|--|
|   | HH food<br>expenditures<br>(USD) | HH school<br>expenditures<br>(USD) | HH non-food<br>expenditures<br>(USD) | HH monthly<br>total<br>expenditures<br>(USD) |
|   |                                  |                                    |                                      |  |
| Only Payoff in 1st Follow-up (1 month)                        | -13.00                           | -3.63                              | -2.15                                | -16.79                                       |
|   | (9.49)                           | (6.60)                             | (9.85)                               | (17.78)                                      |
| Only Payoff in 2nd Follow-up (2 months)                       | -9.06                            | -10.83                             | 2.27                                 | -15.63                                       |
|   | (8.44)                           | (9.75)                             | (15.54)                              | (20.79)                                      |
| Only Payoff in 3rd Follow-up (3 months)                       | -5.61                            | -3.58                              | 7.05                                 | -0.15  |
|   | (8.84)                           | (4.84)                             | (18.56)                              | (22.92)                                      |
| Only Payoff in 4th Follow-up (18 months)                      | 5.66                             | -6.81                              | -11.43                               | -10.59                                       |
|   | (8.56)                           | (7.66)                             | (38.37)                              | (47.49)                                      |
| Only Training in 1st Follow-up (1 month)                      | -15.85                           | -7.66                              | -7.87                                | -32.12                                       |
|   | (9.67)                           | (4.40)                             | (10.76)                              | (17.84)                                      |
| Only Training in 2nd Follow-up (2 months)                     | -12.58                           | -18.05                             | -14.77                               | -46.14                                       |
|   | (9.16)                           | (9.60)                             | (16.57)                              | (22.53)                                      |
| Only Training in 3rd Follow-up (3 months)                     | -20.12                           | -4.25                              | -8.11                                | -33.23                                       |
|   | (8.79)                           | (5.10)                             | (20.58)                              | (24.43)                                      |
| Only Training in 4th Follow-up (18 months)                    | 8.82                             | -6.45                              | 13.49                                | 15.12  |
|   | (8.93)                           | (9.42)                             | (47.25)                              | (56.53)                                      |
| Payoff + Training in 1st Follow-up (1 month)                  | -9.92                            | -4.17                              | 12.49                                | -1.68  |
|   | (10.60)                          | (5.67)                             | (13.01)                              | (20.91)                                      |
| Payoff + Training in 2nd Follow-up (2 months)                 | -8.93                            | -12.8                              | -3.16                                | -24.62                                       |
|   | (10.65)                          | (10.02)                            | (16.64)                              | (24.66)                                      |
| Payoff + Training in 3rd Follow-up (3 months)                 | -8.29                            | 3.87                               | -15.23                               | -19.71                                       |
|   | (9.99)                           | (7.72)                             | (18.77)                              | (24.83)                                      |
| Payoff + Training in 4th Follow-up (18 months)                | 3.37                             | -4.89                              | -28.03                               | -29.61                                       |
|   | (9.64)                           | (7.48)                             | (40.67)                              | (50.01)                                      |
| Observations  | 824                              | 824                                | 922                                  | 823  |
|   | 206                              | 206                                | 823<br>206                           |  |
| Observations, F1 Observations, F2                             | 206                              | 206                                | 206                                  | 206<br>205                                   |
|   |                                  |                                    |                                      |  |
| Observations, F3  | 206                              | 206<br>206                         | 206<br>206                           | 206  |
| Observations, F4 Control mean dependent var                   | 206<br>106.63                    | 27.18                              | 137.76                               | 206<br>271.57                                |
| *   | 49.56                            | 46.70                              | 167.74                               | 194.98                                       |
| Control SD dependent var                                      |                                  |                                    |                                      |  |
| Baseline Outcome Measure Included?                            | Yes                              | Yes                                | Yes                                  | Yes  |
| p-value for test: Payoff F1 = Payoff + Training F1            | 0.73                             | 0.94                               | 0.23                                 | 0.39   |
| p-value for test: Payoff F2 = Payoff + Training F2            | 0.99                             | 0.73                               | 0.68                                 | 0.65   |
| p-value for test: Payoff F3 = Payoff + Training F3            | 0.79                             | 0.30                               | 0.21                                 | 0.43   |
| p-value for test: Payoff F4 = Payoff + Training F4            | 0.81                             | 0.78                               | 0.66                                 | 0.69   |
| p-value for test: Training F1 = Payoff + Training F1          | 0.49                             | 0.49                               | 0.13                                 | 0.10   |
| p-value for test: Training F2 = Payoff + Training F2          | 0.71                             | 0.32                               | 0.43                                 | 0.32   |
| p-value for test: Training F3 = Payoff + Training F3          | 0.22                             | 0.28                               | 0.72                                 | 0.61   |
| p-value for test: Training F4 = Payoff + Training F4          | 0.58                             | 0.86                               | 0.38                                 | 0.43   |
| p-value for test: Payoff F1 = Payoff F4                       | 0.11                             | 0.72                               | 0.81                                 | 0.90   |
| p-value for test: Training F1 = Training F4                   | 0.05                             | 0.90                               | 0.66                                 | 0.42   |
| p-value for test: Payoff + Training F1 = Payoff + Training F4 | 0.29                             | 0.93                               | 0.33                                 | 0.57   |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Robust standard errors clustered at the

A10. Components of total household expenditures, Table 3 Column 6, Philippines 2010

|   | (1)                              | (2)                                | (3)                                  | (4)  |
|---|----------------------------------|------------------------------------|--------------------------------------|--|
|   | HH food<br>expenditures<br>(USD) | HH school<br>expenditures<br>(USD) | HH non-food<br>expenditures<br>(USD) | HH monthly<br>total<br>expenditures<br>(USD) |
| Payoff + Training in 1st Follow-up (1 month)                  | -2.94                            | 2.72                               | 2.21                                 | 2.39   |
|   | (4.14)                           | (2.22)                             | (4.46)                               | (8.06)                                       |
| Payoff + Training in 2nd Follow-up (4 months)                 | -8.01                            | 0.30                               | 0.16                                 | -6.73  |
|   | (4.52)                           | (2.61)                             | (6.11)                               | (9.75)                                       |
| Payoff + Training in 3rd Follow-up (8 months)                 | -3.55                            | -1.78                              | 0.78                                 | -2.39  |
|   | (4.32)                           | (3.74)                             | (4.77)                               | (9.21)                                       |
| Payoff + Training in 4th Follow-up (18-19 months)             | -3.31                            | 0.42                               | -1.24                                | -3.40  |
|   | (4.54)                           | (2.83)                             | (6.70)                               | (10.67)                                      |
| Observations  | 2,266                            | 2,183                              | 2,080                                | 2,073  |
| Observations, F1  | 566                              | 541                                | 495                                  | 494  |
| Observations, F2  | 566                              | 542                                | 497                                  | 496  |
| Observations, F3  | 566                              | 533                                | 521                                  | 517  |
| Observations, F4  | 568                              | 567                                | 567                                  | 566  |
| Control mean dependent var                                    | 129.29                           | 18.44                              | 73.91                                | 220.48                                       |
| Control SD dependent var                                      | 55.37                            | 32.50                              | 66.57                                | 116.53                                       |
| Baseline Outcome Measure Included?                            | Yes                              | Yes                                | Yes                                  | Yes  |
| p-value for test: Payoff + Training F1 = Payoff + Training F4 | 0.94                             | 0.48                               | 0.61                                 | 0.58   |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Robust standard errors clustered at the

|  | (1)                        | (2)                                 | (3)                        | (4)                                 | (5)                        | (6)                                 |
|--|----------------------------|-------------------------------------|----------------------------|-------------------------------------|----------------------------|-------------------------------------|
|  | India                      | 2007                                | Philippi                   | nes 2007                            | Philippi                   | nes 2010                            |
|  | Any<br>moneylender<br>debt | Amount<br>moneylender<br>debt (USD) | Any<br>moneylender<br>debt | Amount<br>moneylender<br>debt (USD) | Any<br>moneylender<br>debt | Amount<br>moneylender<br>debt (USD) |
| Only Payoff  | 0.05                       | -9.32                               | -0.19                      | -51.83                              |                            |                                     |
| Only Training  | (0.17)<br>0.30             | (12.94)<br>-3.28                    | (0.13)<br>0.06             | (24.86)<br>-4.15                    |                            |                                     |
| Payoff + Training  | (0.16)<br>-0.30<br>(0.20)  | (12.85)<br>-31.23<br>(13.20)        | (0.11)<br>-0.54<br>(0.14)  | (28.71)<br>-81.00<br>(26.20)        | 0.04<br>(0.08)             | -1.02<br>(21.45)                    |
| Time inconsistent preferences  | 0.01<br>(0.06)             | -0.93<br>(3.10)                     | 0.02 (0.16)                | 14.10<br>(29.94)                    | 0.08 (0.08)                | 31.53<br>(27.11)                    |
| Has savings at a bank  | 0.15<br>(0.10)             | 8.11<br>(5.51)                      | 0.02 (0.12)                | 13.24 (23.74)                       | 0.01 (0.07)                | 12.48<br>(18.62)                    |
| Financial literacy index (7 vars)  | -0.08<br>(0.03)            | -2.93<br>(1.35)                     | -0.03<br>(0.06)            | 3.08<br>(9.40)                      | -0.03<br>(0.03)            | -7.23<br>(7.71)                     |
| Math skills index (4 vars)   | 0.01<br>(0.02)             | 0.26<br>(1.14)                      | -0.07<br>(0.06)            | -14.04<br>(7.57)                    | -0.02<br>(0.03)            | 10.07<br>(8.30)                     |
| Predicted probability of HH income shock   | 0.12<br>(0.20)             | -26.91<br>(18.58)                   | 0.09 (0.19)                | -17.55<br>(38.34)                   | -0.12<br>(0.24)            | -87.5<br>(69.85)                    |
| Only Payoff X Use earlings at a hard   | -0.03<br>(0.09)            | 2.62<br>(4.99)                      | 0.35 (0.23)                | 16.23<br>(35.61)                    |                            |                                     |
| Only Payoff X Has savings at a bank Only Payoff X Financial literacy Index             | -0.05<br>(0.13)<br>0.06    | -6.49<br>(7.32)<br>2.68             | -0.2<br>(0.21)<br>0.12     | -35.09<br>(27.79)<br>4.79           |                            |                                     |
| Only Payoff X Math skills Index  | (0.04)<br>-0.05            | (2.17)<br>-2.41                     | (0.09)<br>0.13             | (11.50)<br>13.11                    |                            |                                     |
| Only Payoff X Predicted probability of HH income shock                                 | (0.03)<br>-0.17            | (1.50)<br>15.44                     | (0.10)<br>-0.56            | (9.87)<br>-44.29                    |                            |                                     |
| Only Training X Time inconsistent preferences  | (0.27)<br>-0.15            | (21.22)<br>-5.79                    | (0.34)<br>-0.03            | (43.80)<br>-27.84                   |                            |                                     |
| Only Training X Has savings at a bank  | (0.08)<br>-0.15            | (3.98)<br>-7.45                     | 0.21)                      | (40.55)<br>-27.31                   |                            |                                     |
| Only Training X Financial literacy Index   | (0.14)<br>0.06<br>(0.04)   | (7.02)<br>3.04<br>(1.89)            | (0.18)<br>0.01<br>(0.06)   | (38.96)<br>-28.55<br>(16.61)        |                            |                                     |
| Only Training X Math skills Index  | -0.02<br>(0.03)            | -1.86<br>(1.33)                     | 0.00)<br>0.01<br>(0.09)    | -3.75<br>(13.60)                    |                            |                                     |
| Only Training X Predicted probability of HH income shock                               | -0.37<br>(0.26)            | 8.87<br>(20.89)                     | -0.21<br>(0.25)            | 32.91<br>(60.76)                    |                            |                                     |
| Payoff + Training X Time inconsistent preferences                                      | 0.02<br>(0.09)             | 0.38<br>(4.35)                      | 0.15<br>(0.27)             | 5.56<br>(45.96)                     | -0.01<br>(0.10)            | -45.99<br>(30.09)                   |
| Payoff + Training X Has savings at a bank  | -0.06<br>(0.13)            | -1.65<br>(7.93)                     | 0.05<br>(0.20)             | -4.91<br>(30.21)                    | -0.01<br>(0.09)            | 3.25<br>(23.67)                     |
| Payoff + Training X Financial literacy Index   | 0.02<br>(0.04)             | 1.00<br>(2.13)                      | 0.01<br>(0.09)             | -10.16<br>(13.39)                   | 0.01<br>(0.03)             | 11.47<br>(9.26)                     |
| Payoff + Training X Math skills Index  | -0.04<br>(0.04)            | -1.13<br>(2.23)                     | -0.06<br>(0.11)            | -6.04<br>(10.54)                    | 0.00<br>(0.04)             | -17.93<br>(10.35)                   |
| Payoff + Training X Predicted probability of HH income shock                           | 0.34<br>(0.32)             | 50.56<br>(21.57)                    | -0.06<br>(0.29)            | 17.88<br>(52.90)                    | -0.36<br>(0.30)            | -26.66<br>(80.98)                   |
| Observations   | 881                        | 881                                 | 206                        | 206                                 | 565                        | 564                                 |
| Control mean dependent var Control SD dependent var Baseline Outcome Measure Included? | 0.67<br>0.47<br>Yes        | 22.14<br>22.92<br>Yes               | 0.85<br>0.36<br>Yes        | 104.06<br>86.56<br>Yes              | 0.73<br>0.45<br>Yes        | 114.03<br>129.43<br>Yes             |
| 1. *** p<0.01, ** p<0.05, * p<0.1. 2. Robust standard errors in parentheses. 3.        | 103                        | 100                                 | 103                        | 103                                 | 103                        | 103                                 |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Robust standard errors in parentheses. 3.

| A12. Heterogeneous Treatment Effects, Follow-up 3                                      | (1)                        | (2)                                 | (3)                        | (4)                                 | (5)                        | (6)                                 |
|--|----------------------------|-------------------------------------|----------------------------|-------------------------------------|----------------------------|-------------------------------------|
|  | India                      | 2007                                | Philippi                   | nes 2007                            | Philippi                   | nes 2010                            |
|  | Any<br>moneylender<br>debt | Amount<br>moneylender<br>debt (USD) | Any<br>moneylender<br>debt | Amount<br>moneylender<br>debt (USD) | Any<br>moneylender<br>debt | Amount<br>moneylender<br>debt (USD) |
| Only Payoff  | 0.59                       | 22.91                               | -0.45                      | -125.34                             |                            |                                     |
| Only Training  | (0.22)<br>0.34             | (13.64)<br>7.78                     | (0.18)<br>-0.10            | (35.44)<br>-49.18                   |                            |                                     |
| Payoff + Training  | (0.20)                     | (13.98)<br>7.49                     | (0.17)                     | (36.24)                             | 0.04                       | 4.20                                |
| Time inconsistent preferences  | (0.20)<br>0.00<br>(0.06)   | (12.09)<br>0.12<br>(3.39)           | (0.18)<br>-0.05<br>(0.20)  | (31.58)<br>-12.44<br>(29.30)        | (0.08)<br>0.12<br>(0.09)   | (20.91)<br>15.02<br>(24.80)         |
| Has savings at a bank  | 0.12<br>(0.10)             | -0.79<br>(3.80)                     | 0.04<br>(0.14)             | 14.58<br>(27.03)                    | 0.08 (0.07)                | 14.85<br>(18.62)                    |
| Financial literacy index (7 vars)  | -0.03<br>(0.03)            | -1.26<br>(1.70)                     | -0.08<br>(0.06)            | -8.89<br>(10.21)                    | -0.07<br>(0.03)            | -2.26<br>(7.10)                     |
| Math skills index (4 vars)   | 0.01<br>(0.02)             | 0.57 (1.44)                         | -0.15<br>(0.05)            | -21.4<br>(7.61)                     | -0.03<br>(0.03)            | -2.78<br>(8.98)                     |
| Predicted probability of HH income shock   | 0.57<br>(0.21)             | 16.62<br>(14.49)                    | 0.02<br>(0.31)             | -112.16<br>(55.35)                  | -0.17<br>(0.22)            | -28.37<br>(50.18)                   |
| Only Payoff X Time inconsistent preferences  | 0.02<br>(0.08)             | 2.09<br>(4.81)                      | 0.38<br>(0.27)             | 30.87<br>(54.96)                    |                            |                                     |
| Only Payoff X Has savings at a bank  | 0.06 (0.13)                | -0.04<br>(5.19)                     | -0.08<br>(0.23)            | -25.13<br>(37.75)                   |                            |                                     |
| Only Payoff X Financial literacy Index   | 0.08 (0.04)                | 2.37<br>(2.25)                      | 0.18 (0.09)                | 23.14 (15.86)                       |                            |                                     |
| Only Payoff X Math skills Index  | -0.03<br>(0.03)            | -2.11<br>(1.82)                     | 0.14<br>(0.09)             | 24.77<br>(17.12)                    |                            |                                     |
| Only Payoff X Predicted probability of HH income shock                                 | -0.82<br>(0.31)            | -33.64<br>(19.43)                   | 0.52<br>(0.41)             | 297.08<br>(106.99)                  |                            |                                     |
| Only Training X Time inconsistent preferences  | -0.04<br>(0.08)            | -2.74<br>(4.21)                     | 0.1<br>(0.25)              | -8.19<br>(40.86)                    |                            |                                     |
| Only Training X Has savings at a bank  | -0.15<br>(0.14)            | -2.12<br>(5.34)                     | 0.07<br>(0.20)             | -25.33<br>(44.59)                   |                            |                                     |
| Only Training X Financial literacy Index   | 0.00 (0.04)                | 1.40<br>(2.34)                      | 0.05 (0.07)                | -7.92<br>(18.19)                    |                            |                                     |
| Only Training X Math skills Index  | 0.02<br>(0.02)             | 1.16<br>(1.64)                      | 0.03<br>(0.10)             | -7.59<br>(13.50)                    |                            |                                     |
| Only Training X Predicted probability of HH income shock                               | -0.41<br>(0.27)            | -12.16<br>(19.64)                   | 0.38<br>(0.41)             | 190.63<br>(77.41)                   |                            |                                     |
| Payoff + Training X Time inconsistent preferences                                      | -0.01<br>(0.08)            | -2.52<br>(4.30)                     | -0.28<br>(0.25)            | -29.78<br>(36.66)                   | -0.06<br>(0.10)            | -23.00<br>(28.61)                   |
| Payoff + Training X Has savings at a bank  | 0.05<br>(0.13)             | 10.44 (5.95)                        | -0.01<br>(0.21)            | -5.05<br>(34.53)                    | -0.12<br>(0.09)            | -8.84<br>(23.46)                    |
| Payoff + Training X Financial literacy Index   | 0.05 (0.04)                | 1.06<br>(2.40)                      | 0.19 (0.09)                | 14.33<br>(12.54)                    | 0.04 (0.03)                | 1.43 (8.66)                         |
| Payoff + Training X Math skills Index  | -0.04<br>(0.04)            | -3.56<br>(2.21)                     | -0.07<br>(0.07)            | -3.34<br>(9.85)                     | 0.03 (0.04)                | 5.01 (11.31)                        |
| Payoff + Training X Predicted probability of HH income shock                           | -0.47<br>(0.27)            | -13.61<br>(17.16)                   | -0.29<br>(0.42)            | 134.87<br>(68.04)                   | -0.02<br>(0.25)            | -42.07<br>(62.36)                   |
| Observations   | 881                        | 881                                 | 206                        | 206                                 | 563                        | 563                                 |
| Control mean dependent var Control SD dependent var Baseline Outcome Measure Included? | 0.63<br>0.48<br>Yes        | 23.44<br>26.22<br>Yes               | 0.78<br>0.42<br>Yes        | 98.17<br>93.98<br>Yes               | 0.67<br>0.47<br>Yes        | 114.94<br>141.28<br>Yes             |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Robust standard errors in parentheses. 3. All regressions also include the baseline value of the outcome variable (coded as

| A15. Heterogeneous Treatment Effects, Pollow-up 4                                | (1)                        | (2)                                 | (3)                        | (4)                                 | (5)                        | (6)                                 |
|--|----------------------------|-------------------------------------|----------------------------|-------------------------------------|----------------------------|-------------------------------------|
|  | India                      | 2007                                | Philippi                   | nes 2007                            | Philippi                   | nes 2010                            |
|  | Any<br>moneylender<br>debt | Amount<br>moneylender<br>debt (USD) | Any<br>moneylender<br>debt | Amount<br>moneylender<br>debt (USD) | Any<br>moneylender<br>debt | Amount<br>moneylender<br>debt (USD) |
| Only Payoff  |                            |                                     | 0.00                       | -28.58                              |                            |                                     |
| Only Training  |                            |                                     | (0.18)<br>0.08<br>(0.18)   | (39.35)<br>-23.3<br>(37.29)         |                            |                                     |
| Payoff + Training  |                            |                                     | -0.03<br>(0.15)            | -31.99<br>(37.81)                   | -0.04<br>(0.11)            | -53.08<br>(48.06)                   |
| Time inconsistent preferences  |                            |                                     | -0.11<br>(0.17)            | -7.62<br>(25.73)                    | 0.08 (0.09)                | -24.5<br>(31.08)                    |
| Has savings at a bank  |                            |                                     | -0.10<br>(0.18)            | 8.68<br>(20.21)                     | -0.01<br>(0.07)            | -24.76<br>(32.78)                   |
| Financial literacy index (7 vars)  |                            |                                     | 0.11<br>(0.05)             | 15.46<br>(11.33)                    | 0.04<br>(0.04)             | -5.53<br>(11.78)                    |
| Math skills index (4 vars)   |                            |                                     | 0.00<br>(0.05)             | -6.84<br>(8.95)                     | -0.06<br>(0.03)            | -3.72<br>(11.30)                    |
| Predicted probability of HH income shock   |                            |                                     | 0.31 (0.22)                | -12.52<br>(49.00)                   | -0.01<br>(0.17)            | -22.23<br>(53.32)                   |
| Only Payoff X Time inconsistent preferences  Only Payoff X Has savings at a bank |                            |                                     | 0.30<br>(0.26)<br>0.19     | 31.91<br>(35.53)<br>25.29           |                            |                                     |
| Only Payoff X Financial literacy Index   |                            |                                     | (0.25)<br>-0.01            | (35.79)<br>-4.76                    |                            |                                     |
| Only Payoff X Math skills Index  |                            |                                     | (0.07)<br>-0.05            | (13.86)<br>-1.19                    |                            |                                     |
| Only Payoff X Predicted probability of HH income shock                           |                            |                                     | (0.10)<br>-0.02            | (13.20)<br>48.41                    |                            |                                     |
| Only Training X Time inconsistent preferences                                    |                            |                                     | (0.30)<br>0.24             | (53.70)<br>8.24                     |                            |                                     |
| Only Training X Has savings at a bank  |                            |                                     | (0.27)                     | (31.72)                             |                            |                                     |
| Only Training X Financial literacy Index   |                            |                                     | (0.26)<br>-0.16<br>(0.08)  | (30.09)<br>-18.04<br>(12.62)        |                            |                                     |
| Only Training X Math skills Index  |                            |                                     | 0.03<br>(0.11)             | 8.01<br>(13.15)                     |                            |                                     |
| Only Training X Predicted probability of HH income shock                         |                            |                                     | -0.27<br>(0.29)            | 28.27<br>(51.57)                    |                            |                                     |
| Payoff + Training X Time inconsistent preferences                                |                            |                                     | -0.03<br>(0.21)            | -11.08<br>(29.38)                   | 0.04<br>(0.11)             | 6.45<br>(39.07)                     |
| Payoff + Training X Has savings at a bank  |                            |                                     | 0.37<br>(0.23)             | 28.71<br>(29.81)                    | -0.04<br>(0.09)            | 57.88<br>(38.90)                    |
| Payoff + Training X Financial literacy Index                                     |                            |                                     | -0.18<br>(0.08)            | -29.84<br>(14.39)                   | 0.02<br>(0.04)             | 0.92<br>(14.29)                     |
| Payoff + Training X Math skills Index  |                            |                                     | -0.03<br>(0.08)            | 14.28<br>(15.20)                    | 0.08 (0.04)                | 12.83<br>(14.45)                    |
| Payoff + Training X Predicted probability of HH income shock                     |                            |                                     | -0.19<br>(0.27)            | 53.73<br>(53.30)                    | 0.03<br>(0.21)             | 29.63<br>(78.31)                    |
| Observations<br>Control mean dependent var                                       |                            |                                     | 206<br>0.28                | 204<br>30.83                        | 564<br>0.65                | 452<br>155.62                       |
| Control SD dependent var Baseline Outcome Measure Included?                      |                            |                                     | 0.28<br>0.45<br>Yes        | 82.13<br>Yes                        | 0.63<br>0.48<br>Yes        | 195.14<br>Yes                       |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Robust standard errors in parentheses. 3.

| A14. Probit results for predicting HH income shock variable, India 2007 |              |              |               |  |  |  |  |  |
|---|--------------|--------------|---------------|--|--|--|--|--|
|   | (1)          | (2)          | (3)           |  |  |  |  |  |
|   |              |              |               |  |  |  |  |  |
|   | HH income    | HH income    | HH income     |  |  |  |  |  |
|   | shock,       | shock,       | shock,        |  |  |  |  |  |
|   | Follow-up 1  | Follow-up 2  | Follow-up 3   |  |  |  |  |  |
|   | (2-4 months) | (5-8 months) | (9-10 months) |  |  |  |  |  |
|   | ,            | ,            | ,             |  |  |  |  |  |
|   | 1.00         | 2.22         | 0.45          |  |  |  |  |  |
| Total value of business assets (thousands, USD)                         | -1.80        | -0.82        | -0.65         |  |  |  |  |  |
|   | (0.90)       | (0.96)       | (0.78)        |  |  |  |  |  |
| Value of merchandise bought typical day (thousands, USD)                | 17.39        | 2.13         | 13.14         |  |  |  |  |  |
|   | (5.66)       | (4.27)       | (4.11)        |  |  |  |  |  |
| Take-home profit typical day (thousands, USD)                           | -29.4        | -40.34       | -38.52        |  |  |  |  |  |
|   | (35.95)      | (35.35)      | (27.91)       |  |  |  |  |  |
| Save when excess profits on a good day                                  | 0.11         | 0.16         | -0.09         |  |  |  |  |  |
|   | (0.08)       | (0.08)       | (0.09)        |  |  |  |  |  |
| Any moneylender debt  | 0.08         | -0.03        | 0.23          |  |  |  |  |  |
|   | (0.14)       | (0.13)       | (0.13)        |  |  |  |  |  |
| Amount moneylender debt (thousands, USD)                                | -14.32       | -3.40        | -7.64         |  |  |  |  |  |
|   | (6.05)       | (4.96)       | (4.59)        |  |  |  |  |  |
| HH income shock   | 0.08         | 0.11         | 0.03          |  |  |  |  |  |
|   | (0.07)       | (0.07)       | (0.06)        |  |  |  |  |  |
| Any savings   | 0.15         | 0.12         | -0.11         |  |  |  |  |  |
|   | (0.18)       | (0.17)       | (0.13)        |  |  |  |  |  |
| Current amount of savings (thousands, USD)                              | 0.21         | -0.50        | -0.09         |  |  |  |  |  |
| <u>-</u>  | (0.29)       | (0.33)       | (0.24)        |  |  |  |  |  |
| Household size  | 0.04         | -0.02        | 0.02          |  |  |  |  |  |
|   | (0.02)       | (0.02)       | (0.02)        |  |  |  |  |  |
| HH monthly total expenditures (thousands, USD)                          | -0.93        | 0.24         | -0.60         |  |  |  |  |  |
|   | (0.65)       | (0.67)       | (0.58)        |  |  |  |  |  |
| HH monthly total income (thousands, USD)                                | -0.85        | -0.09        | -0.20         |  |  |  |  |  |
| <b>,</b> ,,,,,  | (0.38)       | (0.40)       | (0.36)        |  |  |  |  |  |
|   | (0.00)       | (01.0)       | (0.00)        |  |  |  |  |  |
| Mean of dependent variable  | 0.67         | 0.6          | 0.71          |  |  |  |  |  |
| Mean of yhat  | 0.67         | 0.59         | 0.71          |  |  |  |  |  |
| SD of yhat  | 0.18         | 0.14         | 0.13          |  |  |  |  |  |
| Pseudo-R squared  | 0.11         | 0.05         | 0.07          |  |  |  |  |  |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Standard errors in parentheses. 3. Regressions include indicators for missing observations of regressors with regressors recoded to 0 when missing. 4. This table reports the marginal probability effect of each dependent variable.

| A15. Frobit results for predicting fift income shock variable | (1)         | (2)         | (3)         | (4)         |
|---|-------------|-------------|-------------|-------------|
|   | HH income   | HH income   | HH income   | HH income   |
|   | shock,      | shock,      | shock,      | shock,      |
|   | Follow-up 1 | Follow-up 2 | Follow-up 3 | Follow-up 4 |
|   | (1 month)   | (2 months)  | (3 months)  | (18 months) |
| Total value of business assets (thousands, USD)               | 0.68        | 0.38        | 2.45        | -0.45       |
| ,                       | (1.07)      | (0.88)      | (1.06)      | (1.12)      |
| Value of merchandise bought typical day (thousands, USD)      | -5.14       | -4.35       | -1.81       | 0.35        |
|   | (2.73)      | (2.44)      | (2.06)      | (0.87)      |
| Take-home profit typical day (thousands, USD)                 | 4.39        | 8.43        | -12.96      | 0.09        |
|   | (5.05)      | (4.76)      | (8.34)      | (1.87)      |
| Save when excess profits on a good day                        | -0.14       | -0.10       | -0.11       | -0.02       |
|   | (0.17)      | (0.12)      | (0.12)      | (0.04)      |
| Any moneylender debt  | -0.45       | -0.64       | -0.18       | 0.03        |
|   | (0.19)      | (0.29)      | (0.27)      | (0.11)      |
| Amount moneylender debt (thousands, USD)                      | 5.10        | 3.25        | -1.68       | 0.81        |
|   | (2.23)      | (1.57)      | (1.66)      | (1.89)      |
| HH income shock   | 0.02        | -0.11       | 0.06        | 0.03        |
|   | (0.15)      | (0.11)      | (0.11)      | (0.07)      |
| Any savings   | 0.11        | 0.23        | 0.01        | -0.28       |
|   | (0.19)      | (0.16)      | (0.14)      | (0.20)      |
| Current amount of savings (thousands, USD)                    | 0.94        | -3.06       | -1.01       | 5.04        |
|   | (1.36)      | (1.90)      | (1.59)      | (9.97)      |
| Household size  | 0.10        | 0.06        | 0.02        | 0.01        |
|   | (0.04)      | (0.03)      | (0.03)      | (0.02)      |
| HH monthly total expenditures (thousands, USD)                | -5.13       | 2.64        | -9.35       | -0.93       |
|   | (6.72)      | (4.79)      | (5.76)      | (2.42)      |
| HH monthly total income (thousands, USD)                      | -0.77       | 0.18        | -0.23       | 0.49        |
|   | (0.60)      | (0.43)      | (0.50)      | (1.15)      |
| Mean of dependent variable                                    | 0.4         | 0.28        | 0.29        | 0.51        |
| Mean of yhat  | 0.47        | 0.27        | 0.26        | 0.56        |
| SD of yhat  | 0.27        | 0.29        | 0.23        | 0.38        |
| Pseudo-R squared  | 0.16        | 0.375       | 0.24        | 0.45        |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Standard errors in parentheses. 3. Regressions include indicators for missing observations of regressors with regressors recoded to 0 when missing. 4. This table reports the marginal probability effect of each dependent variable.

| A16. Probit results for predicting HH income shock variable | (1)                                    | (2)                                     | (3)                                     | (4)  |
|---|--|---|---|--|
|   |  |   | · /                                     | · /  |
|   | HH income shock, Follow-up 1 (1 month) | HH income shock, Follow-up 2 (4 months) | HH income shock, Follow-up 3 (8 months) | HH income<br>shock,<br>Follow-up 4<br>(18-19 months) |
|   |  |   |   |  |
|   | 0.00                                   | 0.04                                    | 0.02                                    | 0.07   |
| Total value of business assets (thousands, USD)             | -0.08                                  | 0.01                                    | -0.03                                   | 0.05   |
|   | (0.20)                                 | (0.23)                                  | (0.21)                                  | (0.27)   |
| Value of merchandise bought typical day (thousands, USD)    | 0.49                                   | -1.26                                   | -0.48                                   | -3.39  |
|   | (0.42)                                 | (1.02)                                  | (0.46)                                  | (1.58)   |
| Take-home profit typical day (thousands, USD)               | -9.64                                  | -1.96                                   | 0.58                                    | 18.51  |
|   | (7.23)                                 | (6.42)                                  | (6.17)                                  | (8.21)   |
| Save when excess profits on a good day                      | -0.07                                  | -0.01                                   | 0.08                                    | -0.16  |
|   | (0.06)                                 | (0.07)                                  | (0.07)                                  | (0.08)   |
| Any moneylender debt  | -0.21                                  | 0.08                                    | -0.17                                   | 0.15   |
|   | (0.11)                                 | (0.08)                                  | (0.12)                                  | (0.12)   |
| Amount moneylender debt (thousands, USD)                    | 0.32                                   | -0.53                                   | 0.27                                    | 0.12   |
|   | (0.41)                                 | (0.47)                                  | (0.42)                                  | (0.55)   |
| HH income shock   | 0.13                                   | 0.12                                    | 0.29                                    | 0.29   |
|   | (0.07)                                 | (0.08)                                  | (0.08)                                  | (0.09)   |
| Any savings   | 0.11                                   | 0.17                                    | 0.04                                    | 0.05   |
| 7 my savings  | (0.06)                                 | (0.06)                                  | (0.07)                                  | (0.09)   |
| Current amount of savings (thousands, USD)                  | 0.22                                   | 0.22                                    | 0.21                                    | 0.08   |
| Current amount of savings (mousands, OSD)                   |  |   |   |  |
| Household size  | (0.11)<br>0.00                         | (0.13)<br>0.02                          | (0.11)<br>0.02                          | (0.18)<br>0.01                                       |
| nouselloid size   |  |   |   |  |
| IIII (11 ( 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                    | (0.02)                                 | (0.02)                                  | (0.02)                                  | (0.02)   |
| HH monthly total expenditures (thousands, USD)              | -4.64                                  | -5.13                                   | 3.92                                    | 5.67   |
|   | (5.87)                                 | (6.57)                                  | (5.82)                                  | (8.05)   |
| HH monthly total income (thousands, USD)                    | 0.18                                   | -0.19                                   | -0.33                                   | -0.82  |
|   | (0.27)                                 | (0.29)                                  | (0.29)                                  | (0.40)   |
| Mean of dependent variable                                  | 0.25                                   | 0.26                                    | 0.25                                    | 0.46   |
| Mean of yhat  | 0.24                                   | 0.26                                    | 0.24                                    | 0.45   |
| SD of yhat  | 0.24                                   | 0.20                                    | 0.24                                    | 0.43   |
| •   |  |   |   |  |
| Pseudo-R squared  | 0.11                                   | 0.098                                   | 0.16                                    | 0.13   |

<sup>1. \*\*\*</sup> p<0.01, \*\* p<0.05, \* p<0.1. 2. Standard errors in parentheses. 3. Regressions include indicators for missing observations of regressors with regressors recoded to 0 when missing. 4. This table reports the marginal probability effect of each dependent variable.