# METHODOLOGICAL EXPERIMENT ON MEASURING ASSET OWNERSHIP FROM A GENDER PERSPECTIVE (MEXA)

# TECHNICAL REPORT - APPENDIX A

TALIP KILIC $^{\dagger}$ 

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**APRIL 2016**<sup>1</sup>

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#### MEXA IMPLEMENTATION PROTOCOLS

- Upon arrival in each EA, Team Leader MUST first identify the respondents in each selected household before he/she assigns interviewers to households. Reasons:
  - Gender composition of the respondents and available enumerators will determine the interviewer assignments so that male (female) enumerators interview male (female) respondents.
  - o If the household is selected for treatment arm 2 or 3 AND there is no principal couple, the selected household is NOT eligible for interview and no interviewer assignment needs to be made.
- Treatment Arm 3: Both a male AND a female enumerator have to be present in the interview.

Treatment Arms 4 & 5: ALWAYS include head, and spouse if applicable, among the respondents, regardless of their age if they are available for an interview during your time in the EA.

There will be a maximum of 4 interviews per household.

If there are 4 or less household members that are eligible AND available for an interview, your aim will be to interview these individuals.

If there are more than 4 household members that are eligible AND available for an interview, attempt to interview head and spouse, if applicable. The remaining respondents MUST be randomly selected from the household roster.

• Treatment Arms 4 & 5: The Household Questionnaire needs to be administered only by one enumerator to one respondent in the household (preferably the most knowledgeable person). However, the information collected must also be entered on the tablets of ALL enumerators that are assigned to the household for administering the Individual Questionnaires.

The team leader will determine whether these data will be entered at the same time as the interview for the Household Questionnaire is taking place or prior to the start of the interviews for the Individual Questionnaires - depending on the workloads of the enumerators on the team.

After the Household Questionnaire interview is completed, the interviews for the Individual Questionnaire will begin at separate locations. These interviews must take place alone with the respondents.

#### **CLASSIFYING COMPOUNDS:**

- If a compound has two or more dwellings, and the members of each dwelling share cooking arrangements and pool some or all of their resources, they are considered one household.
- If a compound has two or more dwellings, and the members of each dwelling have separate
  cooking arrangements and do not pool their resources, each dwelling is considered a separate
  household.

# CLASSIFYING ABSENTEE INDIVIDUALS:

- If a household member has a spouse (or other relative) who has not lived in the household for more than 6 months and this spouse DOES NOT maintain a household elsewhere, he or she is considered to be a Regular Member of the household.
  - In Module 2, Q204 of the Household Roster, he or she should be given a code of 3 or 4 depending on whether this person is present (code 3) or absent (code 4) at the time of the interview.
- If a household member has a spouse (or other relative) who has not lived in the household for more than 6 months and this spouse DOES maintain a household elsewhere, he or she is NOT considered to be a Regular Member of the household.
  - In Module 2, Q204 of the Household Roster, he or she should be given a code of 7 (left permanently) and will be omitted from the interview at Q206.

#### PROTOCOL FOR ACCOMMODATING DIFFICULT FIELD SCENARIOS:

### All Treatment Arms:

- The household is selected for ANY treatment, and the respondent decides to terminate the interview after completing the household questionnaire, but before completing the individual questionnaire.
  - o ACTION: Ask the respondent if you can schedule a follow up interview to complete the individual questionnaire. If you cannot, note this in the MEXA CAPI application, mark the household questionnaire interview status code as "complete," and inform the

team leader. Then skip to Module 13 in the individual questionnaire and code the appropriate individual interview status.

#### Treatment Arm 1:

- The household is selected for treatment arm 1 and is headed by an individual below the age of 18, who is the most knowledgeable household member identified for the interview.
  - o ACTION: Interview the identified member even if the individual is less than 18 years old.

# Treatment Arm 2:

- The household is selected for treatment arm 2, a principal couple exists, but the randomly selected member of the principal couple is not available for interview during your time in the EA.
  - o ACTION: Treat the household as a non-response and inform your team leader.
- The household is selected for treatment arm 2, a principal couple exists, the randomly selected member of the principal couple is not available at first try, but will be back during your time in the EA.
  - ACTION: Administer the Household Questionnaire if possible (in accordance with the protocol) and schedule a follow-up interview with the selected member for the Individual Questionnaire.

#### Treatment Arm 3:

- The household is selected for treatment arm 3, a principal couple exists, both members are available for the interview, but one or both members of the principal couple are below 18.
  - o ACTION: Interview the principal couple together, regardless of one or both of them being below the age of 18.
- The household is selected for treatment arm 3, a principal couple exists, one or both members of the principal couple are not available at first try, but will be back during your time in the EA.
  - ACTION: Administer the Household Questionnaire if possible (in accordance with the protocol) and schedule a follow-up interview to interview the principal couple together for the Individual Questionnaire.
- The household is selected for treatment arm 3, a principal couple exists, but only one member of the principal couple is available for interview during your time in the EA.

- o ACTION: Treat the household as a non-response and inform the team leader.
- The household is selected for treatment arm 3, a principal couple exists, but the male spouse/partner does not agree for his wife to be interviewed with him.
  - o ACTION: Explain the importance of interviewing the couple together. If he still refuses, treat the household as a non-response and inform the team leader.
- The household is selected for treatment arm 3, a principal male has two or more wives or partners who live in the household.
  - o ACTION: The enumerator should ascertain which of the spouses/partners has been married to, or lived longer with, the principal male. This woman should then be part of the interview as the principal spouse. If she will not be available during your time in the EA, and if the second spouse is available, she can be selected as a respondent.

# Treatment Arms 4 and 5:

- The household is selected for treatment arm 4 or 5, a principal couple exists, but one or both members of the principal couple is below 18.
  - o ACTION: Interview both members of the principal couple, regardless of one or both of them being below the age of 18.
- The household is selected for treatment arm 4 or 5, and some interview-eligible household members are not available for interview during your time in the EA.
  - o ACTION: Interview the available members ONLY AFTER you confirm with your team leader that the required members are not available for interview.
- The household is selected for treatment arm 4 or 5, and while some interview-eligible adult household members are not available for interview at first try, they will return during your time in the EA.
  - O ACTION: Administer the Household Questionnaire (in accordance with the protocol) to an available household member and schedule a follow-up time to administer the Individual Questionnaire to all household members SIMULTANEOUSLY. If all household members will not be available at the same time for simultaneous interviews, interview the available members and schedule follow-up interviews with the absent members.
- The household is selected for treatment arm 4 or 5, and while all interview-eligible household members are available for interview, there are more male members than female members or vice versa.

o ACTION: Do your best to ensure that the household head and spouse are matched with enumerators of the same sex, but then match male interviewers with female respondents and female enumerators with male respondents, as necessary.

#### PROTOCOL FOR LANGUAGE CHALLENGES AND USING INTERPRETERS

• IF the household is selected for ANY treatment arm and the interview-eligible household member does not speak any language that the enumerator knows,

OR

IF the household has been selected for treatment arm 3 and one member of the principal couple does not speak any language that the enumerator(s) know,

o ACTION: Prior to deploying enumerators to households, the team leader MUST ascertain from the chairman of the EA whether the interview-eligible household members do not speak a language known to the enumerators.

If an interpreter is needed, the team leader must find an interpreter from OUTSIDE OF THE HOUSEHOLD AND THE EA and deploy him or her to the household with the enumerator.

If an enumerator discovers, after being deployed to the household, that he/she does not speak a common language with an interview-eligible household member, the enumerator MUST schedule a time to return to the household with an interpreter. The interviewer MUST alert the team leader that an interpreter from OUTSIDE OF THE HOUSEHOLD AND THE EA is needed.

#### PROTOCOL FOR ASSIGNING ENUMERATORS TO RESPONDENTS BY GENDER

- Male enumerators must interview male respondents and female enumerators must interview female respondents.
- Exceptions to this rule could only be made in treatment arms 4 and 5, if the gender composition of the respondents does not match the gender composition of the available enumerators. In that case, do your best to ensure that the household head and spouse are matched with enumerators of the same sex.

Table A01: Mapping of Tables in Main Report

Asset Class	Household Sample Specification	Pooled vs. Respondent Data	Individual Sample	Inter-Arm Comparisons	Tables
Dwelling	Households With a Couple	Pooled	Adult Household Members	1-5	25-35
Agricultural Land	Households With a Couple	Pooled	Adult Household Members	1-5	36-46
Non-Farm Enterprises	Households With a Couple	Pooled	Adult Household Members	1-5	47-54
Livestock	Households With a Couple	Pooled	Adult Household Members	1-5	55-57
Financial Accounts	Households With a Couple	Pooled	Adult Household Members	1-5	58-60
Dwelling	Households With a Couple	Respondent	All Respondents	1-5	61-71
Agricultural Land	Households With a Couple	Respondent	All Respondents	1-5	72-82
Non-Farm Enterprises	Households With a Couple	Respondent	All Respondents	1-5	83-90
Livestock	Households With a Couple	Respondent	All Respondents	1-5	91-93
Financial Accounts	Households With a Couple	Respondent	All Respondents	1-5	94-96

**Note:** The mapping is net of (i) Tables 1-24 that present the descriptive statistics discussed in Section 2 and Section 3, (ii) Tables 97-98 that present the overlap between respondents' and proxy respondents' reporting concerning respondents' ownership and rights status, and (ii) Table 99 that presents the cost estimates.

Table A02: Mapping of Tables in Appendix B

Asset	Household Sample	Household Sample	Pooled vs.	Individual	Inter-Arm	Tables
Class	Specification	Restriction in TA4 & TA5?	Respondent Data	Sample	Comparisons	
Dwelling	All Households	No	Pooled	Adult Household Members	1,4 & 5	B11-B21
Dwelling	Households With a Couple	Yes, Including Only Households With Both	Pooled	Adult Household Members	1-5	B22-B29
•	•	Members of Principal Couple Interviewed				
Dwelling	Households With a Couple	No	Pooled	Members of Principal Couple	1-5	B30-B37
Dwelling	Households With a Couple	Yes, Including Only Households With Both	Pooled	Members of Principal Couple	1-5	B38-B43
-	-	Members of Principal Couple Interviewed				
Dwelling	All Households	No	Respondent	All Respondents	1, 4 & 5	B44-B54
Dwelling	Households With a Couple	No	Respondent	Members of Principal Couple	1-5	B55-B62
Agricultural Land	All Households	No	Pooled	Adult Household Members	1, 4 & 5	B63-B73
Agricultural Land	Households With a Couple	Yes, Including Only Households With Both	Pooled	Adult Household Members	1-5	B74-B81
•	•	Members of Principal Couple Interviewed				
Agricultural Land	Households With a Couple	No	Pooled	Members of Principal Couple	1-5	B82-B89
Agricultural Land	Households With a Couple	Yes, Including Only Households With Both	Pooled	Members of Principal Couple	1-5	B90-B94
-	-	Members of Principal Couple Interviewed				
Agricultural Land	All Households	No	Respondent	All Respondents	1,4 & 5	B95-B105
Agricultural Land	Households With a Couple	No	Respondent	Members of Principal Couple	1-5	B106-B113
Agricultural Land	Agricultural Households With a Couple	No	Pooled	Adult Household Members	1-5	B114-B121
Agricultural Land	Agricultural Households	No	Pooled	Adult Household Members	1, 4 & 5	B122-B129
Agricultural Land	Agricultural Households With a Couple	Yes, Including Only Households With Both	Pooled	Adult Household Members	1-5	B130-B137
		Members of Principal Couple Interviewed				
Agricultural Land	Agricultural Households With a Couple	No	Respondent	All Respondents	1-5	B138-B145
Agricultural Land	Agricultural Households	No	Respondent	All Respondents	1,4 & 5	B146-B153
Non-Farm Enterprises	All Households	No	Pooled	Adult Household Members	1,4&5	B154-161
Non-Farm Enterprises	Households With a Couple	Yes, Including Only Households With Both	Pooled	Adult Household Members	1-5	B162-B169
•	•	Members of Principal Couple Interviewed				
Non-Farm Enterprises	All Households	No	Respondent	All Respondents	1, 4 & 5	B170-B177
Livestock	All Households	No	Pooled	Adult Household Members	1,4 & 5	B178-B180
Livestock	Households With a Couple	Yes, Including Only Households With Both	Pooled	Adult Household Members	1-5	B181-B183
	•	Members of Principal Couple Interviewed				
Livestock	Households With a Couple	No	Pooled	Members of Principal Couple	1-5	B184-B186
Livestock	All Households	No	Respondent	All Respondents	1,4 & 5	B187-B189
Livestock	Households With a Couple	No	Respondent	Members of Principal Couple	1-5	B190-B192
Financial Accounts	All Households	No	Pooled	Adult Household Members	1,4 & 5	B193-B195
Financial Accounts	Households With a Couple	Yes, Including Only Households With Both	Pooled	Adult Household Members	1-5	B196-B198
	1	Members of Principal Couple Interviewed				
Financial Accounts	Households With a Couple	No	Pooled	Members of Principal Couple	1-5	B199-B200
Financial Accounts	Households With a Couple	Yes, Including Only Households With Both	Pooled	Members of Principal Couple		B201
	<u>r</u>	Members of Principal Couple Interviewed		· r · · · · · · · · · · · · · ·		
Financial Accounts	All Households	No	Respondent	All Respondents	1,4 & 5	B202-B204
Financial Accounts	Households With a Couple	No	Respondent	Members of Principal Couple	•	B205-B207

Note: The mapping is net of Tables B01-B10 that present unconditional means for outcome variables across asset classes and individual and household sample specifications.

Table A03: Mapping of Tables in Appendix C

Asset	Household Sample	Household Sample	Pooled vs.	Individual	Inter-Arm	Tables
Class	Specification	Restriction in TA4 & TA5?	Respondent Data	Sample	Comparisons	
Other Real Estate	Households With a Couple	No	Pooled	Adult Household Members	1-5	C17-C18
Financial Loans	Households With a Couple	No	Pooled	Adult Household Members	1-5	C19-C20
Financial Loans	Households With a Couple	No	Respondent	All Respondents	1-5	C21-C22
Financial Loans	All Households	No	Pooled	Adult Household Members	1, 4 & 5	C23-C24
Financial Loans	Households With a Couple	Yes, Including Only Households With Both Members of Principal Couple Interviewed	Pooled	Adult Household Members	1-5	C25-C26
Financial Loans	Households With a Couple	No	Pooled	Members of Principal Couple	1-5	C27-C28
Financial Loans	All Households	No	Respondent	All Respondents	1-5	C29-C30
Liabilities	Households With a Couple	No	Pooled	Adult Household Members	1-5	C31-C32
Liabilities	Households With a Couple	No	Respondent	All Respondents	1-5	C33-C34
Liabilities	All Households	No	Pooled	Adult Household Members	1, 4 & 5	C35-C36
Liabilities	Households With a Couple	Yes, Including Only Households With Both Members of Principal Couple Interviewed	Pooled	Adult Household Members	1-5	C37-C38
Liabilities	Households With a Couple	No	Pooled	Members of Principal Couple	1-5	C39-C40
Liabilities	All Households	No	Respondent	All Respondents	1, 4 & 5	C41-C42
Small Livestock	Households With a Couple	No	Pooled	Adult Household Members	1-5	C43
Small Livestock	Households With a Couple	No	Respondent	All Respondents	1-5	C44
Small Livestock	All Households	No	Pooled	Adult Household Members	1, 4 & 5	C45
Small Livestock	Households With a Couple	Yes, Including Only Households With Both Members of Principal Couple Interviewed	Pooled	Adult Household Members	1-5	C46
Small Livestock	Households With a Couple	No	Pooled	Members of Principal Couple	1-5	C47
Small Livestock	All Households	No	Respondent	All Respondents	1, 4 & 5	C48
Small Agricultural Equipment	Households With a Couple	No	Pooled	Adult Household Members	1-5	C49
Small Agricultural Equipment	Households With a Couple	No	Respondent	All Respondents	1-5	C50
Small Agricultural Equipment	All Households	No	Pooled	Adult Household Members	1, 4 & 5	C51
Small Agricultural Equipment	Households With a Couple	Yes, Including Only Households With Both Members of Principal Couple Interviewed	Pooled	Adult Household Members	1-5	C52
Small Agricultural Equipment	Households With a Couple	No	Pooled	Members of Principal Couple	1-5	C53
Small Agricultural Equipment	Households With a Couple	Yes, Including Only Households With Both Members of Principal Couple Interviewed	Pooled	Members of Principal Couple	1-5	C54
Small Agricultural Equipment	All Households	No	Respondent	All Respondents	1, 4 & 5	C55
Durables	Households With a Couple	No	Pooled	Adult Household Members	1-5	C56
Durables	Households With a Couple	No	Respondent	All Respondents	1-5	C57
Durables	All Households	No	Pooled	Adult Household Members	1, 4 & 5	C58
Durables	Households With a Couple	Yes, Including Only Households With Both Members of Principal Couple Interviewed	Pooled	Adult Household Members	1-5	C59
Durables	Households With a Couple	No	Pooled	Members of Principal Couple	1-5	C60
Durables	Households With a Couple	Yes, Including Only Households With Both Members of Principal Couple Interviewed	Pooled	Members of Principal Couple	1-5	C61
Durables	All Households	No	Respondent	All Respondents	1,4 & 5	C62
Valuables	Households With a Couple	No	Pooled	Adult Household Members	1-5	C63
Valuables	All Households	No	Pooled	Adult Household Members	1, 4 & 5	C64

Note: The mapping is net of Tables C01-C16 that present unconditional means for outcome variables across asset classes and individual and household sample specifications.

Table A4: Overview of the Direction of the Statistically Significant (At Least At 5 Percent Level) Arm 4 & Arm 5 Effects vis-à-vis Arm 1 in Male vs. Female POOLED vs. RESPONDENT DATA, Core Couple Household Sample
DWFLLING

						DWELLING					
		Reported Ownership			Economic Ownership	)	I	Oocumented Ownershi	р	Right to Sell	Right to Bequeath
	Overall	Exclusive	Joint	Overall	Exclusive	Joint	Overall	Exclusive	Joint	Overall	Overall
	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent
Arm 4 - Female	+		+	+		+				+	+
Arm 4 - Male			+	+	+	+				+	+
Arm 5 - Female	+ +		+ +	+		+	+		+		
Arm 5 - Male			+			+ +	+ +		+ +		
	•				A	GRICULTURAL LAN	ND .				

					A	GRICULTURAL LAN	iD				
		Reported Ownership			Economic Ownership	)	I	Ocumented Ownershi	ip	Right to Sell	Right to Bequeath
	Overall	Exclusive	Joint	Overall	Exclusive	Joint	Overall	Exclusive	Joint	Overall	Overall
-	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent	Pooled Respondent
Arm 4 - Female	+		+	+		+	+		+	+	
Arm 4 - Male	+	+	+	+	+	+	+	+		+	+
Arm 5 - Female	+	+	+								
Arm 5 - Male			+			+ +	+ +	+	+		

			LIV	ESTOCK				FI	NANCI/	AL ACCOUN	TS	
			Reporte	d Ownership					Reporte	d Ownership	)	
	C	Overall	E	cclusive		Joint	(	Overall	Ех	clusive		Joint
	Pooled	Respondent	Pooled	Respondent	Pooled	Respondent	Pooled	Respondent	Pooled	Respondent	Pooled	Respondent
Arm 4 - Female	+		+		+		+		+		+	
Arm 4 - Male	+		+		+							
Arm 5 - Female	+		+		+	+	+				+	+
Arm 5 - Male					+	+					+	+

Table A5: Overview of the Direction of the Statistically Significant (At Least At 5 Percent Level) Arm 4 & Arm 5 Effects vis-à-vis Arm 1 in Male vs. Female POOLED vs. RESPONDENT DATA, Alternative Couple Household & Individual Sub-samples

														DWE		G														
						Reported	Ownership									Econo	mic O	wnership						Rig	ht to S	Sell			Bequeath	
			Overd	ıll		Exc	clusive			Joint			Overa	11			Exclu	sive			Join	ıt		0	veral	!!		Ove	rall	
		Poole	d	Respondent	P	ooled	Respondent	I	Pooled	Respondent	P	oolea	l.	Respondent		Poole	d	Respondent	P	Poolea	l	Respondent	F	ooled	R	Respondent	Pa	ooled	Responde	ıt
	S1 S2 S3 S2 S1 S2 S3 S2 S1 S2 S3 S2											S2	S3	S2	S1	S2	S3	S2	S1	S2	S3	S2	S1	S2 5	S3	S2	S1	S2 S3	S2	_
Arm 4 - Femal													+						+		+		+	+			+			
Arm 4 - Male													+		+				+	+	+		+	+			+	+		
Arm 5 - Femal	+	+	+	+	+			+	+	+ +	+	+	+						+		+									
Arm 5 - Male	+	-						+	+	+	+		+					-	+	-	+	+						-		
														AGRICULTU	URA	L LAN	ND													

															AGRICULT	JKA	L LAN	ND.													
					I	Report	ted O	wnership				1					Econo	mic C	wnership					į	Ri	ight t	to Sell		Righ	to Beq	ueath
			Over	all		I	Exclu	sive			Joint			Over	all			Exclu	sive			Join	ıt			Over	rall			Overall	
		Poole	d	Respondent	F	Poolea	!	Respondent	F	ooled	Responden	t	Poole	d	Respondent		Poole	d	Respondent	1	Poole	d	Respondent	I	Pooled	1	Respondent	1	Pooled	R	espondent
	S1	S2	S3	S2	S1	S2	S3	S2	S1	S2	S3 S2	S1	S2	S3	S2	S1	S2	S3	S2	S1	S2	S3	S2	S1	S2	S3	S2	S1	S2	S3	S2
Arm 4 - Female	+	+	+		+				+	+	+	+	+	+		+			-	+	+	+		+	+			+			
Arm 4 - Male	+	+	+		+	+			+	+	+	+	+	+		+				+	+	+		+	+			+	+		
Arm 5 - Female	+	+	+	+	+	+			+	+	+	+		+	-					+		+	-					+			
Arm 5 - Male	+	-	+		+				+	+	+	+	-	+						+		+	+	+	-			+	-		

												AGRICULTU	RAL	LAND										
						Ownership							Б	conomic	Ownership						to Sell			Bequeath
		Ove	rall		Excl	lusive		Jc	oint		Ov	erall		Excl	lusive		$J\epsilon$	oint		Ove	erall		Ov	erall
	Po	oled	Respondent	Pe	ooled	Respondent	Po	oled	Respondent	Po	oled	Respondent	Pe	ooled	Respondent	Pe	oled	Respondent	$P\epsilon$	ooled	Respondent	P	ooled	Respondent
	S4	S5	S4	S4	S5	S4	S4	S5	S4	S4	S5	S4	S4	S5	S4	S4	S5	S4	S4	S5	S4	S4	S5	S4
Arm 4 - Female	+	+			+		+	+		+	+				-	+	+		+	+			+	-
Arm 4 - Male	-	+		+	+		+	+		+	+		-	+		+	+		+	+			+	
Arm 5 - Female	+	+		+	+	+	+	+			+	-					+	-						
Arm 5 - Male	+				+		+	+			+		+			+	+	+	-			-		

					LIVE	STOCK				L				FIN	IAN	CIAL	ACCOUNTS				
				R	eported	Ownership								]	Repo	rted O	wnership				
		Ove	rall		Ехс	lusive		$J_{\ell}$	oint			Ove	rall			Exclu	sive			Joi	nt
	F	Pooled	Respondent	Pa	oled	Respondent	$P\epsilon$	ooled	Respondent	I	Pooled	l	Respondent	1	Poole	ed	Respondent	1	Poole	d	Respondent
	S1	S2	S2	S1	S2	S2	S1	S2	S2	S1	S2	S3	S2	S1	S2	S3	S2	S1	S2	S3	S2
Arm 4 - Female	+	+		+	+		+	+		+	+			+	+			+		+	
Arm 4 - Male	+						+	+		+								+		+	
Arm 5 - Female	+	+					+	+		+	+							+		+	
Arm 5 - Male		-		-	-		+				-			-	-			+			

S1\* Couple household sample in Arm 4 and Arm 5 includes only households in which both members of the principal couple were interviewed.

S2\* Individual sample from couple households include only the members of the principal couple.

S3\* Individual sample from couple households include only the members of the principal couple. Couple household sample in Arm 4 and Arm 5 includes only households in which both members of the

S4\* Couple household sample includes only agricultural households.

S5\* Couple household sample includes only agricultural households, and in the case of Arm 4 and Arm 5, includes only households in which both members of the principal couple were interviewed.