Codebook

"Inter-group interaction and attitudes to migrants"

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Host variables	Variable name	Explanation
Dependent variable		
Attitude to migrants	attitude_to_migrants	Host respondent attitude to migrants. Index created by summing responses to the following three questions, and rescaled to values from 0 to 1: 1. “To what extent do you agree with the following statement: ‘Refugees who are currently living in refugee camps in Ethiopia should be allowed to freely work and live outside of the camp.’” 2. “To what extent do you agree with the following statement: ‘Refugees who are currently admitted to Ethiopia should be allowed to settle in my home community permanently if they are not able to return to their home country.’” 3. “To what extent do you agree with the following statement: ‘If given a chance to settle, a refugee can be as good a citizen as someone who is born locally’”. All three questions are answered on the following scale: 5 – Agree very strongly, 4 – Agree, 3 – Neither agree nor disagree, 2 – Disagree, 1 – Disagree very strongly, 0 – Don’t know (treated as missing).
Treatment variables		
Treatment host-migrant neutral	treatment_hm_neutral	Dummy variable of whether host respondent was assigned to the host-migrant neutral treatment (1 – Yes, 0 – No)
Treatment host-migrant economic	treatment_hm_economic	Dummy variable of whether host respondent was assigned to the host-migrant economic treatment (1 – Yes, 0 – No)
Treatment host-migrant identity	treatment_hm_identity	Dummy variable of whether host respondent was assigned to the host-migrant identity treatment (1 – Yes, 0 – No)
Treatment host-host neutral	treatment_hh	Dummy variable of whether host respondent was assigned to the host-host treatment (1 – Yes, 0 – No)
Mechanism variables		
Identification with migrants	identification_with_migrant	Host respondent identification with migrants. Index created by summing the inverted responses to the following two questions, and rescaled to values from 0 to 1: 1. To what extent do you agree with the following statement "I have more in common with the members of my community than with refugees that arrive here" 2. To what extent do you agree with the following statement- "There are more differences between me and a typical refuge than there are similarities" Both questions are answered on the following scale: 5 – Agree very strongly, 4 – Agree, 3 – Neither agree nor disagree, 2 – Disagree, 1 – Disagree very strongly, 0 – Don’t know (treated as missing).
Plight of migrants	plight_of_migrants	Host respondent appreciation of plight of migrants. Index created by summing the responses to the following two questions (with responses to the second question inverted), and rescaled to values from 0 to 1: 1. To what extent do you agree with the following statement - "I believe that refugees migrate because they see no other alternative" (5 – Agree very strongly, 4 – Agree, 3 – Neither agree nor disagree, 2 – Disagree, 1 – Disagree very strongly, 0 – Don’t know (treated as missing)). 2. The typical refuge who wants to settle in my community is likely to be _____ (1 - Very poor, 2 - Poor, 3 - Neither rich nor poor, 4 - Rich, 5 - Very rich, 0 - Don't know (treated as missing)).
Contribution of migrants	contribution_of_migrants	Host respondent appreciation of local contribution/productivity of migrants. Index created by summing responses to the following two questions, and rescaled to values from 0 to 1: 1. To what extent do you agree with the following statement - "I believe that refugees contribute positively to our local economy" 2. To what extent do you agree with the following statement - "In general, I believe that refugees are hard-working and productive if given a chance to work" Both questions are answered on the following scale: 5 – Agree very strongly, 4 – Agree, 3 – Neither agree nor disagree, 2 – Disagree, 1 – Disagree very strongly, 0 – Don’t know (treated as missing).

Covariates		
Age	age	Age of host respondent (number of years)
Male	gender	Gender of host respondent (dummy variable, 1 – male, 0 – female)
Head of household	head	Host respondent is head of household (dummy variable, 1 – Yes, 0 – No)
Education	education	Number of years of education completed by host respondent
Occupation skilled employee	occupation_skilled_employee	Primary occupation of host respondent is skilled employee (dummy variable, 1 – Yes, 0 – No)
Occupation unskilled employee	occupation_unskilled_employee	Primary occupation of host respondent is unskilled employee (dummy variable, 1 – Yes, 0 – No)
Occupation day labourer	occupation_day_labourer	Primary occupation of host respondent is day labourer (dummy variable, 1 – Yes, 0 – No)
Occupation farmer	occupation_farmer	Primary occupation of host respondent is farmer (dummy variable, 1 – Yes, 0 – No)
Occupation self-employed without employees	occupation_self_no_employees	Primary occupation of host respondent is self-employed without employees (dummy variable, 1 – Yes, 0 – No)
Occupation self-employed with employees	occupation_self_with_employees	Primary occupation of host respondent is self-employed with employees (dummy variable, 1 – Yes, 0 – No)
Asset index	asset_index	Wealth index for host respondent based on factor analysis of the following asset variables: ownership of farm land, house, refrigerator, TV, bicycle, motorcycle, car/bajaj, mobile phone, computer, number of rooms the household occupies
Migration history	own_migration_history	Migration history of host respondent (dummy variable, 1 - respondent has lived outside of Tigray, 0 - otherwise)
Village fixed effects	village1 village2 village3	Dummy variables for each of the 3 villages host respondents are recruited from
Additional variables		
Land ownership	surveyCC_ownfarm	Dummy variable of whether household owns farm land (1 -Yes, 0 - No)
House ownership	surveyCC_house	Dummy variable of whether household owns house (1 -Yes, 0 - No)
Refrigerator ownership	surveyCC_fridge	Dummy variable of whether anyone in the household owns a refridgerator (1 -Yes, 0 - No)
TV ownership	surveyCC_tv	Dummy variable of whether anyone in the household owns a TV (1 -Yes, 0 - No)
Bicycle ownership	surveyCC_bicycle	Dummy variable of whether anyone in the household owns a bicycle (1 -Yes, 0 - No)
Motor cycle ownership	surveyCC_motor_vehicle	Dummy variable of whether anyone in the household owns a motor cycle (1 -Yes, 0 - No)
Car ownership	surveyCC_car	Dummy variable of whether household owns a car/bajaj (1 -Yes, 0 - No)
Mobile phone ownership	surveyCC_mobile	Dummy variable of whether anyone in the household owns a mobile phone (1 -Yes, 0 - No)
Computer ownership	surveyCC_computer	Dummy variable of whether anyone in the household owns a computer (1 -Yes, 0 - No)
Number of rooms	surveyCC_rooms	Number of rooms household occupies in current home/residence
Monthly income	surveyCC_income_mth	Stated average monthly income of the household
Correct quesses	correct_guesses	Number of correct guesses in guessing game
Treatment host control	treatment_hcontrol	Dummy variable of whether host respondent was assigned to the host control group (1 – Yes, 0 – No)
Categorical treatment variable	surveyidentificationtreatment	Categorical treatment variable (1 - Treatment host-migrant neutral, 2 - Treatment host-migrant economic, 3 - Treatment host-migrant identity, 4 - Treatment host-host neutral, 5 - Treatment host control)
Host migrant interaction treatment	any__migrant_treatment	Dummy variable of whether host respondent was assigned to any of the treatments featuring interaction with a migrant (1 – Yes, 0 – No)

Migrant variables	Variable name	Explanation
Dependent variable		
Migrant: Perception of host attitudes	M_perceived_host_attitude	Migrant respondent perception of host community attitudes towards migrants: Index created by summing responses to the following three questions (with responses to the second question inverted), and rescaled to values from 0 to 1: 1. To what extent do you agree with the following statement: "I believe people in Tigray are generally positive to migrants who arrive here" 2. To what extent do you agree with the following statement: "I think people in this host community fear that migrants will take their jobs" 3. To what extent do you agree with the following statement: “If I was hit by a car, I think a passing host community member would help me” All three questions are answered on the following scale: 5 – Agree very strongly, 4 – Agree, 3 – Neither agree nor disagree, 2 – Disagree, 1 – Disagree very strongly, 0 – Don’t know (treated as missing).
Treatment variables		
Treatment host-migrant neutral	M_treatment_hm_neutral	Dummy variable of whether migrant respondent was assigned to the host-migrant neutral treatment (1 – Yes, 0 – No)
Treatment host-migrant economic	M_treatment_hm_economic	Dummy variable of whether migrant respondent was assigned to the host-migrant economic treatment (1 – Yes, 0 – No)
Treatment host-migrant identity	M_treatment_hm_identity	Dummy variable of whether migrant respondent was assigned to the host-migrant identity treatment (1 – Yes, 0 – No)
Covariates		
Migrant: Age	M_age	Age of migrant respondent (number of years)
Migrant: Male	M_gender	Gender of migrant respondent (dummy variable, 1 – male, 0 – female)
Migrant: Education	M_education	Number of years of education completed by migrant respondent
Migrant: Occupation skilled employee	M_occupation_skilled_employee	Occupation of migrant respondent before migration was skilled employee (dummy variable, 1 – Yes, 0 – No)
Migrant: Occupation unskilled employee	M_occupation_unskilled_employee	Occupation of migrant respondent before migration was unskilled employee (dummy variable, 1 – Yes, 0 – No)
Migrant: Occupation day labourer	M_occupation_day_labourer	Occupation of migrant respondent before migration was day labourer (dummy variable, 1 – Yes, 0 – No)
Migrant: Occupation farmer	M_occupation_farmer	Occupation of migrant respondent before migration was farmer (dummy variable, 1 – Yes, 0 – No)
Migrant: Occupation self-employed without employees	M_occupation_self_no_employees	Occupation of migrant respondent before migration was self-employed without employees (dummy variable, 1 – Yes, 0 – No)
Migrant: Occupation self-employed with employees	M_occupation_self_with_employees	Occupation of migrant respondent before migration was self-employed with employees (dummy variable, 1 – Yes, 0 – No)
Migrant: Asset index	M_asset_index	Wealth index for migrant respondent based on factor analysis of the following asset variables: ownership of bicycle, mobile phone, estimated average monthly income
Additional variables		
Migrant: Bicycle ownership	M_bicycle	Dummy variable of whether migrant owns a bicycle (1 -Yes, 0 - No)
Migrant: Mobile phone ownership	M_mobile	Dummy variable of whether migrant owns a mobile phone (1 -Yes, 0 - No)
Monthly income	M_income_mth	Stated average monthly income of the migrant
Migrant: Correct quesses	M_correct_guesses	Number of correct guesses in guessing game
Migrant: Categorical treatment variable	M_surveyidentificationtreat	Categorical treatment variable (1 - Treatment host-migrant neutral, 2 - Treatment host-migrant economic, 3 - Treatment host-migrant identity, 6 - Treatment migrant control)