Metaketa II: Taxation
Brazil Code Book

This document specifies all variables coded in the Brazil portion of the Metaketa II: Taxation study. Variables in Sections 1-3 were coded by the steering committee comprising Ana De La O, Donald Green, and Peter John, and are part of the Meta-Analysis dataset, but some of which were slightly modified to conform to the specificities of the Brazil study (as explained in the document "Deviations from MA Master Codebook." Variables in Section 4 are Brazil specific variables.

Contents

Terms

In this section, we explain the terms used throughout this document:

1. `Label:` This refers to the variable name, as it must appear in the submitted data set. There are three parts to a variable's label: its name; whether it is part of the end-line (`e`) or baseline (`b`); and whether it is collected through a `survey` or `administrative` records. We use an underscore "_" to separate each item. For example, a formalization measure collected in an end-line survey might be labeled: `formalize_survey_e`.

2. `Description:` Specifies the underlying construct the variable seeks to measure.

3. `Type:` Indicates whether the variable is numeric or categorical; and if numeric, whether binary or continuous.

4. `Values:` Specifies all the values that the variable can take.

5. `Missing Data:` Specifies what values to use for data that may not be recorded or solicited by an enumerator, or supplied by the respondent.

6. `Source:` Whether the data is collected using a survey, or administrative sources.

7. `Survey Question or Criterion:` Details how a variable maps onto a survey item, or must satisfy certain administrative criterion to be coded the way it is.

8. `Comments and Notes:` For any miscellaneous directions or clarifications from the steering committee members.

1 Identifying Information

These variables should be common to the baseline and end-line data set. Please include these as the first few columns in the data set.

1.1 Country ID

1.1.1 Label:

`country`

1.1.2 Description:

The country in which the respondent was surveyed.

1.1.3 Type:

Categorical

1.1.4 Values:

`Brazil`, `India`, `Malawi`, `DRC`, `Nigeria`, `Colombia`

1.1.5 Missing Data:

`-999` = No response recorded

1.1.6 Source:

Survey

1.2 Respondent ID

1.2.1 Label:

`respondentID`

1.2.2 Description:

The respondent's unique ID in the survey (should be the same at baseline and end line)

1.2.3 Type:

Numeric

1.2.4 Values:

`Any Integer`

1.2.5 Missing Data:

1.2.6 Source:

Survey

1.3 Attrition

1.3.1 Label:

`attrition`

1.3.2 Description:

Whether or not contact was established with the respondent in end line survey; and the respondent answered at least some questions in it.

1.3.3 Type:

Binary

1.3.4 Values:

`1` = Respondent did **not** participate in endline; `0` = Respondent did participate in endline

1.3.5 Source:

Survey

1.4 Block

1.4.1 Label:

`block`

1.4.2 Description:

Block to which the respondent belongs. This is the unit within which complete random assignment to different treatment conditions took place.

1.4.3 Type:

Numeric

1.4.4 Values:

`Any Integer`, `-998` If item is not applicable to respondent (i.e. blocked random assignment did not take place)

1.4.5 Source:

Survey or administrative data

1.5 Cluster

1.5.1 Label:

`cluster`

1.5.2 Description:

The respondent's cluster ID in the survey. A cluster is a set of units that are together assigned to an experimental condition.

1.5.3 Type:

Numeric

1.5.4 Values:

`Any Integer`, `-998` If item is not applicable to respondent (i.e. clustered random assignment did not take place)

1.5.5 Source:

Survey or administrative data

1.6 Assignment to Treatment

1.6.1 Label:

`Z`

1.6.2 Description:

The respondent's treatment assignment

1.6.3 Type:

Categorical

1.6.4 Values:

`0` = Pure Control, `1` = Common Treatment Arm (in-person consulting session), `2` = Consulting entirely via instant messaging, `3` = In-person consulting *and* interaction via social media, `4` = In-person consulting *and* reminders via SMS `5` = In personal consulting with political endorsement

1.6.5 Source:

Survey

1.6.6 Comments and Notes:

Analysis of the main treatment arm and the meta-analysis of the Metaketa II study include only individuals assigned to conditions 0 and 1. The other studies registered in the PAP make use of the other groups.

1.7 Treatment Status

1.7.1 Label:

`D`

1.7.2 Description:

The respondent's actual treatment status

1.7.3 Type:

Binary

1.7.4 Values:

`0` = Respondent was not treated, `1` = Respondent was treated

1.7.5 Source:

Survey

1.7.6 Comments and Notes:

Individuals that did not receive any treatment were coded as `0`. Those who received some treatment (in any of the four treatment conditions) were coded as `1`. No individual received the "wrong" treatment, hence, for example, if an individual was assigned to Z=3 and coded D=1, it means she received the treatment prescribed to Z=3.

1.8 Condition Probability

1.8.1 Label:

`Z_prob`

1.8.2 Description:

The respondent's probability of being in the assigned condition `Z`

1.8.3 Type:

Numeric, Continuous

1.8.4 Values:

Any value defined in the closed interval `[0,1]`

1.8.5 Source:

Survey

1.8.6 Comments and Notes:

We randomized within geographical blocks to ensure that all treatment conditions were approximately equally distributed in each sub-locality. The probability of assignment to each condition was the same across all blocks, and each unit had equal probability to be assigned to the control condition or to the main treatment arm. Hence, considering only these two conditions (which are the ones included in the meta-analysis dataset), for every observation `Z_prob`= 0.5.

1.9 Coordinates (Latitude)

1.9.1 Label:

`latitude`

1.9.2 Description:

The respondent's geographic coordinates, specifically latitude.

1.9.3 Type:

Numeric

1.9.4 Values:

Numbers (with decimal places) in the range `[-90,90]`

1.9.5 Source:

Survey

1.9.6 Comments and Notes:

Missing cases due to hardware failure or poor signal were imputed using the average coordinate of the micro-neighborhood (block) of the respondent

1.10 Coordinates (Longitude)

1.10.1 Label:

`longitude`

1.10.2 Description:

The respondent's geographic coordinates, specifically longitude.

1.10.3 Type:

Numeric

1.10.4 Values:

Numbers (with decimal places) in the range `[-180,180]`

1.10.5 Source:

Survey

1.10.6 Comments and Notes:

Missing cases due to hardware failure or poor signal were imputed using the average coordinate of the micro-neighborhood (block) of the respondent

2 Baseline Variables

2.1 Access to Piped Water

2.1.1 Label:

`access_water_survey_b`

2.1.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

2.1.3 Type:

Numeric, Binary

2.1.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.1.5 Missing Data:

`-999` = No response recorded

2.1.6 Source:

Survey

2.1.7 Survey Question or Criterion:

Does your household have access to piped water (exclusive access in your house)?

2.1.8 Comments and Notes:

2.2 Satisfaction with Piped Water

2.2.1 Label:

`satisfaction_water_survey_b`

2.2.2 Description:

If the respondent has access to piped water, how satisfied he/she is with that water connection.

2.2.3 Type:

Numeric, Multi-value

2.2.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

2.2.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

2.2.6 Source:

Survey

2.2.7 Survey Question or Criterion:

If respondent has access to piped water, ask: How satisfied are you with the service provided?

2.2.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

2.3 Responsibility for Piped Water

2.3.1 Label:

`responsible_water_survey_b`

2.3.2 Description:

Per the respondent, who is responsible for this particular service?

2.3.3 Type:

Numeric, Multi-value

2.3.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

2.3.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

2.3.6 Source:

Survey

2.3.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [piped water] in your neighborhood?

2.3.8 Comments and Notes:

In questions about responsibility for public services, our questionnaire included a response option for "neighborhood association". As this option is not in the Master Codebook, we recoded these to "2 = Private Bodies" as in Brazil, these neighborhoods are not part of the government structure.

2.4 Access to Electricity

2.4.1 Label:

`access_power_survey_b`

2.4.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

2.4.3 Type:

Numeric, Binary

2.4.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.4.5 Missing Data:

`-999` = No response recorded

2.4.6 Source:

Survey

2.4.7 Survey Question or Criterion:

Does your household have access to electricity?

2.4.8 Comments and Notes:

2.5 Satisfaction with Electricity

2.5.1 Label:

`satisfaction_power_survey_b`

2.5.2 Description:

If the respondent has access to electricity, how satisfied he/she is with that electricity connection.

2.5.3 Type:

Numeric, Multi-value

2.5.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

2.5.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

2.5.6 Source:

Survey

2.5.7 Survey Question or Criterion:

If respondent has access to electricity, ask: How satisfied are you with the service provided?

2.5.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

2.6 Responsibility for Electricity

2.6.1 Label:

`responsible_power_survey_b`

2.6.2 Description:

Per the respondent, who is responsible for this particular service?

2.6.3 Type:

Numeric, Multi-value

2.6.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

2.6.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

2.6.6 Source:

Survey

2.6.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [electricity] in your neighborhood?

2.6.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

2.7 Access to Trash Collection

2.7.1 Label:

`access_trash_survey_b`

2.7.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

2.7.3 Type:

Numeric, Binary

2.7.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.7.5 Missing Data:

`-999` = No response recorded

2.7.6 Source:

Survey

2.7.7 Survey Question or Criterion:

Does your household have access to trash collection?

2.7.8 Comments and Notes:

2.8 Satisfaction with Trash Collection

2.8.1 Label:

`satisfaction_trash_survey_b`

2.8.2 Description:

If the respondent has access to trash collection, how satisfied he/she is with that service.

2.8.3 Type:

Numeric, Multi-value

2.8.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

2.8.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

2.8.6 Source:

Survey

2.8.7 Survey Question or Criterion:

If respondent has access to trash collection, ask: How satisfied are you with the service provided?

2.8.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

2.9 Responsibility for Trash Collection

2.9.1 Label:

`responsible_trash_survey_b`

2.9.2 Description:

Per the respondent, who is responsible for this particular service?

2.9.3 Type:

Numeric, Multi-value

2.9.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

2.9.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

2.9.6 Source:

Survey

2.9.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [trash collection] in your neighborhood?

2.9.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

2.10 Access to Sewage Collection

2.10.1 Label:

`access_sewage_survey_b`

2.10.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

2.10.3 Type:

Numeric, Binary

2.10.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.10.5 Missing Data:

`-999` = No response recorded

2.10.6 Source:

Survey

2.10.7 Survey Question or Criterion:

Does your household have access to sewage collection?

2.10.8 Comments and Notes:

2.11 Satisfaction with Sewage Collection

2.11.1 Label:

`satisfaction_sewage_survey_b`

2.11.2 Description:

If the respondent has access to sewage collection, how satisfied he/she is with that service.

2.11.3 Type:

Numeric, Multi-value

2.11.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

2.11.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

2.11.6 Source:

Survey

2.11.7 Survey Question or Criterion:

If respondent has access to sewage collection, ask: How satisfied are you with the service provided?

2.11.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

2.12 Responsibility for Sewage Collection

2.12.1 Label:

`responsible_sewage_survey_b`

2.12.2 Description:

Per the respondent, who is responsible for this particular service?

2.12.3 Type:

Numeric, Multi-value

2.12.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

2.12.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

2.12.6 Source:

Survey

2.12.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [sewage collection] in your neighborhood?

2.12.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

2.13 Access to Public Transportation

2.13.1 Label:

`access_transport_survey_b`

2.13.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

2.13.3 Type:

Numeric, Binary

2.13.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.13.5 Missing Data:

`-999` = No response recorded

2.13.6 Source:

Survey

2.13.7 Survey Question or Criterion:

Does your household have access to public transportation?

2.13.8 Comments and Notes:

2.14 Satisfaction with Public Transportation

2.14.1 Label:

satisfaction_transport_survey_b

2.14.2 Description:

If the respondent has access to public transportation, how satisfied he/she is with that service.

2.14.3 Type:

Numeric, Multi-value

2.14.4 Values:

-2 = Completely Not Satisfied, -1 = Not Satisfied, 1 = Satisfied, 2 = Completely Satisfied, -998 = Item not applicable to respondent (i.e. respondent did not have access to it)

2.14.5 Missing Data:

-999 = No response recorded, -997 Don't know/Can't Say

2.14.6 Source:

Survey

2.14.7 Survey Question or Criterion:

If respondent has access to public transportation, ask: How satisfied are you with the service provided?

2.14.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See Values and Missing Data for guidelines.

2.15 Responsibility for Public Transportation

2.15.1 Label:

`responsible_transport_survey_b`

2.15.2 Description:

Per the respondent, who is responsible for this particular service?

2.15.3 Type:

Numeric, Multi-value

2.15.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

2.15.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

2.15.6 Source:

Survey

2.15.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [public transportation] in your neighborhood?

2.15.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

2.16 Access to Paved Roads

2.16.1 Label:

`access_roads_survey_b`

2.16.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

2.16.3 Type:

Numeric, Binary

2.16.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.16.5 Missing Data:

`-999` = No response recorded

2.16.6 Source:

Survey

2.16.7 Survey Question or Criterion:

Does your household have access to paved roads in your own street?

2.16.8 Comments and Notes:

2.17 Satisfaction with Paved Roads

2.17.1 Label:

`satisfaction_roads_survey_b`

2.17.2 Description:

If the respondent has access to paved roads, how satisfied he/she is with that service.

2.17.3 Type:

Numeric, Multi-value

2.17.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

2.17.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

2.17.6 Source:

Survey

2.17.7 Survey Question or Criterion:

If respondent has access to paved roads, ask: How satisfied are you with the service provided?

2.17.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

2.18 Responsibility for Paved Roads

2.18.1 Label:

`responsible_roads_survey_b`

2.18.2 Description:

Per the respondent, who is responsible for this particular service?

2.18.3 Type:

Numeric, Multi-value

2.18.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

2.18.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

2.18.6 Source:

Survey

2.18.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [paved roads] in your neighborhood?

2.18.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

2.19 Access to Public Street Lighting

2.19.1 Label:

`access_lights_survey_b`

2.19.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

2.19.3 Type:

Numeric, Binary

2.19.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.19.5 Missing Data:

`-999` = No response recorded

2.19.6 Source:

Survey

2.19.7 Survey Question or Criterion:

Does your household have access to public street lighting in your own street?

2.19.8 Comments and Notes:

2.20 Satisfaction with Public Street Lighting

2.20.1 Label:

`satisfaction_lights_survey_b`

2.20.2 Description:

If the respondent has access to public street lighting, how satisfied he/she is with that service.

2.20.3 Type:

Numeric, Multi-value

2.20.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

2.20.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

2.20.6 Source:

Survey

2.20.7 Survey Question or Criterion:

If respondent has access to public street lighting, ask: How satisfied are you with the service provided?

2.20.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

2.21 Responsibility for Public Street Lighting

2.21.1 Label:

`responsible_lights_survey_b`

2.21.2 Description:

Per the respondent, who is responsible for this particular service?

2.21.3 Type:

Numeric, Multi-value

2.21.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

2.21.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

2.21.6 Source:

Survey

2.21.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [public street lighting] in your neighborhood?

2.21.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

2.22 Access to Healthcare

2.22.1 Label:

`access_health_survey_b`

2.22.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

2.22.3 Type:

Numeric, Binary

2.22.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.22.5 Missing Data:

`-999` = No response recorded

2.22.6 Source:

Survey

2.22.7 Survey Question or Criterion:

Does your household have access to healthcare?

2.22.8 Comments and Notes:

2.23 Satisfaction with Healthcare

2.23.1 Label:

`satisfaction_health_survey_b`

2.23.2 Description:

If the respondent has access to healthcare, how satisfied he/she is with that service.

2.23.3 Type:

Numeric, Multi-value

2.23.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

2.23.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

2.23.6 Source:

Survey

2.23.7 Survey Question or Criterion:

If respondent has access to healthcare, ask: How satisfied are you with the service provided?

2.23.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

2.24 Responsibility for Healthcare

2.24.1 Label:

`responsible_health_survey_b`

2.24.2 Description:

Per the respondent, who is responsible for this particular service?

2.24.3 Type:

Numeric, Multi-value

2.24.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

2.24.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

2.24.6 Source:

Survey

2.24.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [healthcare] in your neighborhood?

2.24.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

2.25 Access to Education

2.25.1 Label:

`access_educ_survey_b`

2.25.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

2.25.3 Type:

Numeric, Binary

2.25.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.25.5 Missing Data:

`-999` = No response recorded

2.25.6 Source:

Survey

2.25.7 Survey Question or Criterion:

Does your household have access to education?

2.25.8 Comments and Notes:

2.26 Satisfaction with Education

2.26.1 Label:

`satisfaction_educ_survey_b`

2.26.2 Description:

If the respondent has access to education, how satisfied he/she is with that service.

2.26.3 Type:

Numeric, Multi-value

2.26.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

2.26.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

2.26.6 Source:

Survey

2.26.7 Survey Question or Criterion:

If respondent has access to education, ask: How satisfied are you with the service provided?

2.26.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

2.27 Responsibility for Education

2.27.1 Label:

`responsible_educ_survey_b`

2.27.2 Description:

Per the respondent, who is responsible for this particular service?

2.27.3 Type:

Numeric, Multi-value

2.27.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

2.27.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

2.27.6 Source:

Survey

2.27.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [education] in your neighborhood?

2.27.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

2.28 Access to Pension or Retirement Fund

2.28.1 Label:

`access_pension_survey_b`

2.28.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

2.28.3 Type:

Numeric, Binary

2.28.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.28.5 Missing Data:

`-999` = No response recorded

2.28.6 Source:

Survey

2.28.7 Survey Question or Criterion:

Does your household have access to pension or a retirement fund?

2.28.8 Comments and Notes:

2.29 Satisfaction with Pension or Retirement Fund

2.29.1 Label:

`satisfaction_pension_survey_b`

2.29.2 Description:

If the respondent has access to pension or a retirement fund, how satisfied he/she is with that service.

2.29.3 Type:

Numeric, Multi-value

2.29.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

2.29.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

2.29.6 Source:

Survey

2.29.7 Survey Question or Criterion:

If respondent has access to pension or retirement fund, ask: How satisfied are you with the service provided?

2.29.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

2.30 Responsibility for Pension or Retirement Fund

2.30.1 Label:

`responsible_pension_survey_b`

2.30.2 Description:

Per the respondent, who is responsible for this particular service?

2.30.3 Type:

Numeric, Multi-value

2.30.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

2.30.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

2.30.6 Source:

Survey

2.30.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [pension or retirement fund] in your neighborhood?

2.30.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

2.31 Access to Public Service Related to Formalization

2.31.1 Label:

`access_publicse_survey_b`

2.31.2 Description:

Whether the respondent has access to a public service that is closest to the process of formalization.

2.31.3 Type:

Binary

2.31.4 Values:

`1` = Yes, `0` = No, `-997` Don't know/Can't Say

2.31.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

2.31.6 Source:

Survey

2.31.7 Survey Question or Criterion:

Does your household have access to [name of service]?

2.31.8 Comments and Notes:

Teams must select **one** public service from the ten in the questionnaire that is closest to the process of formalization (howsoever defined in a country). Please select only **one service**, and duplicate the relevant column in the data set, now calling it `access_publicse_survey_b`.

2.32 Satisfaction with Public Service Related to Formalization

2.32.1 Label:

satisfaction_publicse_survey_b

2.32.2 Description:

If the respondent has access to the public service related to formalization, how satisfied he/she is with that service.

2.32.3 Type:

Numeric, Multi-value

2.32.4 Values:

-2 = Completely Not Satisfied, -1 = Not Satisfied, 1 = Satisfied, 2 = Completely Satisfied, -998 = Item not applicable to respondent (i.e. respondent did not have access to it)

2.32.5 Missing Data:

-999 = No response recorded, -997 Don't know/Can't Say

2.32.6 Source:

Survey

2.32.7 Survey Question or Criterion:

If respondent has access to [public service], ask: How satisfied are you with the service provided?

2.32.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See Values and Missing Data for guidelines.

2.33 Responsibility for Public Service Related to Formalization

2.33.1 Label:

`responsible_publicse_survey_b`

2.33.2 Description:

Per the respondent, who is responsible for this particular service?

2.33.3 Type:

Numeric, Multi-value

2.33.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

2.33.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

2.33.6 Source:

Survey

2.33.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [public service related to formalization] in your neighborhood?

2.33.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

2.34 "Soft Access"

2.34.1 Label:

`access_survey_b`

2.34.2 Description:

Measures access to public services directly related to the formalization process

2.34.3 Type:

Numeric, Multi-value

2.34.4 Values:

For Brazil, DR Congo and Colombia: `1` = Not confident, `2` = Somewhat Confident, `3` Confident, `4` Very Confident

For India: `1` = Strongly Disagree, `2` = Somewhat Disagree, `3` Somewhat Agree, `4` Strongly Agree, `-998` = Item not applicable to respondent (i.e. respondent did not have access BMC water connection), `-997` Don't know/Can't Say

For Malawi: `1` = No collection - burn, `2` = No collection - river, `3` Private collection, `4` Government collection, `-997` Don't know/Can't Say

For Nigeria: `1` = I won't do this, `2` = Not Likely, `3` Somewhat Likely, `4` Very Likely, `-998` = Item not applicable to respondent (i.e. respondent answered "No" to the question: Have you heard of loans or microcredit provided by the Lagos State Government for small businesses like yours?

2.34.5 Missing Data:

`-999` = No response recorded / Refuse to Answer; `-997` Don't know/Can't Say

2.34.6 Source:

Survey

2.34.7 Survey Question or Criterion:

(1) On a scale from 1 to 4 (where 1 means not confident at all, and 4 means very confident), how confident are you that you will receive a pension from the state once you reach the retirement age? (2) On a scale from 1 to 4 (where 1 means not confident at all and 4 means very confident), how confident are you that the government will not shut down your business? In order to combine the two dimensions of our soft access question (which were measured on four point scales) into a combined four point scale variable, we averaged the two components and subsequently rounded to the nearest integer, to generate a 4 points outcome scale, as requested. If a respondent only answered one of the two questions, the response value on that answer was used.

2.34.8 Comments and Notes:

IDataset includes two variables: `access1_survey_b` and `access2_survey_b` because there are two survey items measuring "soft access".

2.35 Alternative Service Providers

2.35.1 Label:

`altservice_survey_b`

2.35.2 Description:

Measure whether the respondent finds a government or non-government agency most useful for a service most relevant to the formalization process

2.35.3 Type:

Numeric, Multi-value

2.35.4 Values:

`1`= Local elected politician (country-specific), `2`= Local bureaucrat (country-specific), `3`= Another neighbor, `4`= Pastor, `5`= Police or Judicial system, `6`= Traditional authority (e.g.: feticheur or thunderman, country-specific), `7`= Formal association or club (country-specific), `-997` Don't know/Can't Say

2.35.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

2.35.6 Source:

Survey

2.35.7 Survey Question or Criterion:

We based the question on the following example: "imagine a customer requested an official receipt for the transaction, who would you resort to?".
We did not include these answer categories (listed in the Master Codebook) in our questionnaire

- (5)= Police or Judicial system
- (6)= Traditional authority (e.g.: feticheur or thunderman, country-specific),

We had one option for Sebrae, which is a paralegal association, and therefore included in responde option (7) "Formal association or club".
Finally, we added this answer options to the endline version of the questionnaire

- (8)= "Would not need any help"

Any other answer was included as (-997) "Don't know/can't answer"

2.35.8 Comments and Notes:

Four of the values are country-specific (i.e. each team will insert the relevant person or institution). These are: local elected politician, local bureaucrat, traditional authority, and formal association or club.

2.36 Civic and Political Participation (Attended Community Meeting)

2.36.1 Label:

`civpolparticp1_survey_b`

2.36.2 Description:

Measures civic and political engagement of the respondent, specifically whether the respondent attended a community meeting.

2.36.3 Type:

Numeric, Binary

2.36.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.36.5 Missing Data:

`-999` = No response recorded / Refused to Answer

2.36.6 Source:

Survey

2.36.7 Survey Question or Criterion:

Here is a list of things that people sometimes do as citizens. For each of these, please tell me if you have personally done this thing during the past year. [Item 1: Attended a community meeting]

2.36.8 Comments and Notes:

2.37 Civic and Political Participation (Meet Politician)

2.37.1 Label:

`civpolparticp2_survey_b`

2.37.2 Description:

Measures civic and political engagement of the respondent, specifically whether the respondent has met an elected politician.

2.37.3 Type:

Numeric, Multi-value

2.37.4 Values:

`0` = No, `1` = Yes, but did not raise any problem, `2` = Yes, raised problem affecting household, `3` = Yes, raised problem in the community, `4` = Yes, raised both types of problems, `-997` Don't know/Can't Say

2.37.5 Missing Data:

`-999` = No response recorded / Refused to Answer

2.37.6 Source:

Survey

2.37.7 Survey Question or Criterion:

Here is a list of things that people sometimes do as citizens. For each of these, please tell me if you have personally done this thing during the past year. [Item 2: met with an elected politician.If yes, did you raise a problem in the community, a problem affecting your household, or both.]

2.37.8 Comments and Notes:

2.38 Civic and Political Participation (Meet Bureaucrat)

2.38.1 Label:

civpolparticp3_survey_b

2.38.2 Description:

Measures civic and political engagement of the respondent, specifically whether the respondent has met a state bureaucrat.

2.38.3 Type:

Numeric, Multi-value

2.38.4 Values:

0 = No, 1 = Yes, but did not raise any problem, 2 = Yes, raised problem affecting household, 3 = Yes, raised problem in the community, 4 = Yes, raised both types of problems, -997 Don't know/Can't Say

2.38.5 Missing Data:

-999 = No response recorded / Refused to Answer

2.38.6 Source:

Survey

2.38.7 Survey Question or Criterion:

Here is a list of things that people sometimes do as citizens. For each of these, please tell me if you have personally done this thing during the past year. [Item 3: met with a state bureaucrat (some teams will add examples of what a bureaucrat is). If yes, did you raise a problem in the community, a problem affecting your household, or both.]

2.38.8 Comments and Notes:

2.39 Civic and Political Participation (Attended Civic Association)

2.39.1 Label:

`civpolparticp4_survey_b`

2.39.2 Description:

Measures civic and political engagement of the respondent, specifically whether the respondent has attended meetings of a civic association, club, union, or NGO.

2.39.3 Type:

Numeric, Binary

2.39.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.39.5 Missing Data:

`-999` = No response recorded / Refused to Answer

2.39.6 Source:

Survey

2.39.7 Survey Question or Criterion:

Here is a list of things that people sometimes do as citizens. For each of these, please tell me if you have personally done this thing during the past year. [Item 4: joined or participated in the meetings of a civic association, such as a club, a union, or a NGO.]

2.39.8 Comments and Notes:

2.40 Civic and Political Participation (Attended Party Meeting)

2.40.1 Label:

`civpolparticp5_survey_b`

2.40.2 Description:

Measures civic and political engagement of the respondent, specifically whether the respondent has attended a political party's meeting.

2.40.3 Type:

Numeric, Binary

2.40.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.40.5 Missing Data:

`-999` = No response recorded / Refused to Answer

2.40.6 Source:

Survey

2.40.7 Survey Question or Criterion:

Here is a list of things that people sometimes do as citizens. For each of these, please tell me if you have personally done this thing during the past year. [Item 5: Gone to a political party meeting]

2.40.8 Comments and Notes:

2.41 Civic and Political Participation (Voted)

2.41.1 Label:

`civpolparticp6_survey_b`

2.41.2 Description:

Measures civic and political engagement of the respondent, specifically whether the respondent voted in a party primary or local government election.

2.41.3 Type:

Numeric, Binary

2.41.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

2.41.5 Missing Data:

`-999` = No response recorded / Refused to Answer

2.41.6 Source:

Survey

2.41.7 Survey Question or Criterion:

Here is a list of things that people sometimes do as citizens. For each of these, please tell me if you have personally done this thing during the past year. [Item 6: Voted in a party primary or local government election]

2.41.8 Comments and Notes:

2.42 State Capacity I

2.42.1 Label:

`statecapacity1_survey_b`

2.42.2 Description:

Whether the respondent thinks the state can fix a country-specific problem described by the enumerator.

2.42.3 Type:

Numeric, Binary

2.42.4 Values:

`0` = No, `1` = Yes, `-997` Don't know

2.42.5 Missing Data:

`-999` = No response recorded / Refused to Answer

2.42.6 Source:

Survey

2.42.7 Survey Question or Criterion:

Imagine that many of the [insert relevant group, e.g. "local market places"] had been badly damaged due to bad weather. Do you think the local government would fix this problem within three months?

2.42.8 Comments and Notes:

The specific thing damaged due to bad weather varies by country, and teams will deploy locally salient examples.

2.43 State Capacity II

2.43.1 Label:

statecapacity2_survey_b

2.43.2 Description:

Why the respondent thinks the state cannot fix a country-specific problem described by the enumerator.

2.43.3 Type:

Numeric, Multi-value

2.43.4 Values:

1 = Only due to lack of resources, 2 = Mostly due to lack of resources but also government's unwillingness, 3 = Mostly due to government's unwillingness to help, but also lack of resources, 4 = Only due to government's unwillingness to fix the issue, -998 = Item not applicable to respondent (statecapacity1_survey_b = 1), -997 Don't know/Can't Say

2.43.5 Missing Data:

-999 = No response recorded / Refused to Answer

2.43.6 Source:

Survey

2.43.7 Survey Question or Criterion:

If the government did not end up fixing the streets that were damaged by weather, do you think it would be because the government lacks the necessary resources or personnel, or is it instead mostly because it is unwilling to take action on issues like this? [probe to establish strength and assign]: (1) It would only be due to lack of resources; (2) It is mostly due to lack of resources, but they are also unwilling; (3) It is mostly due to unwillingness to help, but they also lack resources; (4) It would only be due to a lack of government willingness to fix the issue.

2.43.8 Comments and Notes:

Responses are only solicited if the respondent said "No" in statecapacity1_survey_b. If the respondent said "Yes" (i.e. statecapacity1_survey_b = 1), code the response as -998.

2.44 Trust in Government (Community Leaders)

2.44.1 Label:

`trust1_survey_b`

2.44.2 Description:

Measures the respondent's trust in community leaders

2.44.3 Type:

Numeric, Four-point scale

2.44.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

2.44.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

2.44.6 Source:

Survey

2.44.7 Survey Question or Criterion:

Trust in community leaders was not asked due to security concerns (neighborhood associations are fronts for paramilitary militias in most of the neighborhoods we operated in. Variable was created, but all observations were coded as -999.

2.44.8 Comments and Notes:

2.45 Trust in Government (President or National Government)

2.45.1 Label:

`trust2_survey_b`

2.45.2 Description:

Measures the respondent's trust in the president or national government.

2.45.3 Type:

Numeric, Four-point scale

2.45.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

2.45.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

2.45.6 Source:

Survey

2.45.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

2.45.8 Comments and Notes:

2.46 Trust in Government (Governor or Provincial Government)

2.46.1 Label:

`trust3_survey_b`

2.46.2 Description:

Measures the respondent's trust in the governor or provincial government.

2.46.3 Type:

Numeric, Four-point scale

2.46.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

2.46.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

2.46.6 Source:

Survey

2.46.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

2.46.8 Comments and Notes:

2.47 Trust in Government (City Government)

2.47.1 Label:

`trust4_survey_b`

2.47.2 Description:

Measures the respondent's trust in the city government or local government area.

2.47.3 Type:

Numeric, Four-point scale

2.47.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

2.47.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

2.47.6 Source:

Survey

2.47.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

2.47.8 Comments and Notes:

2.48 Trust in Government (NGOs)

2.48.1 Label:

`trust5_survey_b`

2.48.2 Description:

Measures the respondent's trust in NGOs or other civic organizations.

2.48.3 Type:

Numeric, Four-point scale

2.48.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

2.48.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

2.48.6 Source:

Survey

2.48.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

2.48.8 Comments and Notes:

2.49 Trust in Government (Tax Ministry)

2.49.1 Label:

`trust6_survey_b`

2.49.2 Description:

Measures the respondent's trust in the tax ministry [as identified by the local team]

2.49.3 Type:

Numeric, Four-point scale

2.49.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

2.49.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

2.49.6 Source:

Survey

2.49.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

2.49.8 Comments and Notes:

2.50 Trust in Government (Research Organization)

2.50.1 Label:

`trust7_survey_b`

2.50.2 Description:

Measures the respondent's trust in foreign research organizations.

2.50.3 Type:

Numeric, Four-point scale

2.50.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

2.50.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

2.50.6 Source:

Survey

2.50.7 Survey Question or Criterion:

We failed to mention "foreign" in our questionnaire. Our question simply stated "research institutions"

2.50.8 Comments and Notes:

2.51 Trust in Government (Sebrae)

2.51.1 Label:

`trust_other1_survey_b`

2.51.2 Description:

Measures the respondent's trust in some organization relevant to the study (in this case, SEBRAE), and included in the questionnaire.

2.51.3 Type:

Numeric, Four-point scale

2.51.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

2.51.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

2.51.6 Source:

Survey

2.51.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

2.51.8 Comments and Notes:

This question is part of a battery of questions on trust in government. The Brazil team included two additional organizations, Sebrae (in this variable), and the INSS (in `trust_other2_survey_b`)

2.52 Trust in Government (INSS)

2.52.1 Label:

`trust_other2_survey_b`

2.52.2 Description:

Measures the respondent's trust in some to the study (in this case, INSS), and included in the questionnaire.

2.52.3 Type:

Numeric, Four-point scale

2.52.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

2.52.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

2.52.6 Source:

Survey

2.52.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

2.52.8 Comments and Notes:

This question is part of a battery of questions on trust in government. The Brazil team included two additional organizations, INSS (in this variable), and Sebrae (in `trust_other1_survey_b`)

2.53 Perceptions of Public Corruption

2.53.1 Label:

`corruption_survey_b`

2.53.2 Description:

What percentage of a $1000 government authority's budget is likely to stolen or wasted?

2.53.3 Type:

Numeric

2.53.4 Values:

Any integer in the interval `[0,100]`, or `-997` = Don't know / Can't say

2.53.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

2.53.6 Source:

Survey

2.53.7 Survey Question or Criterion:

Now I would like to ask you what you think the provincial government will do with the money it receives from property taxes. Imagine that the provincial government of Kasai Central receives $1000 thanks to this campaign. How much of this money will be used to provide services to all its constituents? And, how much will be stolen or wasted by public officials?

2.53.8 Comments and Notes:

Note that "Don't know / Can't say" and missing data are coded differently in this question, since the variable ordinarily takes values of `-999` and `-997`. Also note that the data set should **only include the proportion the respondent thinks will be stolen or wasted by public officials (call this x)**. Please do **not** include the proportion the respondent thinks will be used to provide services. We assume this amount is $100 - x$. Please notify the committee if this is not the case, and you encountered some implementation failure.

2.54 Bribery

2.54.1 Label:

`bribery_survey_b`

2.54.2 Description:

Whether the respondent was asked or expected to pay a bribe by a public official.

2.54.3 Type:

Numeric, Three values

2.54.4 Values:

`0` = No, `1` = Yes, `-997` = Don't know / Can't say

2.54.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

2.54.6 Source:

Survey

2.54.7 Survey Question or Criterion:

In some areas, there is a problem of corruption among government or public officials. During the past 12 months, did any government official, for instance [a customs officer, police officer, traffic officer, court official, pensions officer, doctor, nurse, teacher, or building inspector] ask you or expect you to pay a bribe for his/her service?

2.54.8 Comments and Notes:

Only provide the baseline measure for this variable.

2.55 Benefits of Formalization — Purchases

2.55.1 Label:

benefit_formalize1_survey_b

2.55.2 Description:

To what extent the subjects feel their informal status restricts them from making purchases (from suppliers you would like to buy from?) .

2.55.3 Type:

Multi-value, four-point scale

2.55.4 Values:

1 = Not restricted at al, 2 = A little restricted, 3 = Somewhat restricted, 4 = Very restricted, -997 Don't know/Can't Say

2.55.5 Missing Data:

-999 = No response recorded

2.55.6 Source:

Survey

2.55.7 Survey Question or Criterion:

There were harmonized Metaketa II items that are combined into a composite variable (See benefit_formalize1_survey_b, below)

2.55.8 Comments and Notes:

2.56 Benefits of Formalization — Purchases

2.56.1 Label:

benefit_formalize2_survey_b

2.56.2 Description:

To what extent the subjects feel their informal status restricts them from selling products to clients they would like to sell to.

2.56.3 Type:

Multi-value, four-point scale

2.56.4 Values:

1 = Not restricted at al, 2 = A little restricted, 3 = Somewhat restricted, 4 = Very restricted, -997 Don't know/Can't Say

2.56.5 Missing Data:

-999 = No response recorded

2.56.6 Source:

Survey

2.56.7 Survey Question or Criterion:

There were harmonized Metaketa II items that are combined into a composite variable (See benefit_formalize1_survey_b, below)

2.56.8 Comments and Notes:

2.57 Benefits of Formalization — Credit

2.57.1 Label:

benefit_formalize3_survey_b

2.57.2 Description:

To what extent the subjects feel their informal status restricts them from obtaining credit for their business.

2.57.3 Type:

Multi-value, four-point scale

2.57.4 Values:

1 = Not restricted at al, 2 = A little restricted, 3 = Somewhat restricted, 4 = Very restricted, -997 Don't know/Can't Say

2.57.5 Missing Data:

-999 = No response recorded

2.57.6 Source:

Survey

2.57.7 Survey Question or Criterion:

There were harmonized Metaketa II items that are combined into a composite variable (See benefit_formalize1_survey_b, below)

2.57.8 Comments and Notes:

2.58 Benefits of Formalization — Composite Index

2.58.1 Label:

`benefit_formalize_survey_b`

2.58.2 Description:

To what extent the subjects feel they would benefit from formalization.

2.58.3 Type:

Multi-value, four-point scale

2.58.4 Values:

`1` = No benefit at all, `2` = Not much benefit, `3` = Some benefit, `4` = Benefit a lot, `-997` Don't know/Can't Say

2.58.5 Missing Data:

`-999` = No response recorded

2.58.6 Source:

Survey

2.58.7 Survey Question or Criterion:

Each country-team will have their own measure for this outcome. For example, the harmonization document gives the following example: Currently, due to being an informal business, on a scale of 1 to 4 (where 1 means very limited and 4 means not limited at all) how much do you feel: (i) limited to buy from suppliers you would like to buy from? (ii) limited to sell your products to clients you would like to sell to? (iii) limited to get a credit for your business from a bank?

2.58.8 Comments and Notes:

Depending on the question, teams might adopt different versions of the four-point scale. We request that the variable submitted for the meta-analysis correspond to the four-point scale described in `Values` (i.e. perceptions of benefit from formalization increase as we move from `1` to `4`). Some teams might have more than one question for this outcome. If so, please create a new variable for each such measure, naming the first one `benefit_formalize1_survey_b`, the second one `benefit_formalize2_survey_b`, the third one `benefit_formalize3_survey_b` and so on. Then, create an aggregate or composite measure and call that `benefit_formalize_survey_b`.

2.59 Support for Ruling Party

2.59.1 Label:

`rulingparty_survey_b`

2.59.2 Description:

How do respondents evaluate the performance of the national incumbent.

2.59.3 Type:

Numeric, Multi Value

2.59.4 Values:

`-2` = Very Bad, `-1` = Bad, `1` = Good, `2` = Very Good, `-997` = Don't know/ Can't say

2.59.5 Missing Data:

`-999` = No response recorded

2.59.6 Source:

Survey

2.59.7 Survey Question or Criterion:

On a scale from 1 (very bad) to 4 (very good) how do you evaluate the work of the [incumbent party or presidential candidate]?

2.59.8 Comments and Notes:

Respondents see a 1-4 scale, which has been re-coded as a -2 to +2 scale. Please make the necessary changes when coding this variable.

2.60 Gender (Female =1)

2.60.1 Label:

`female_survey_b`

2.60.2 Description:

The respondent's gender

2.60.3 Type:

Binary, Multi-value

2.60.4 Values:

`1` = Female, `0` = Male

2.60.5 Missing Data:

`-999` = No response recorded

2.60.6 Source:

Survey

2.60.7 Survey Question or Criterion:

Relevant question soliciting the respondent's gender

2.60.8 Comments and Notes:

2.61 Education

2.61.1 Label:

`education_survey_b`

2.61.2 Description:

The respondent's highest level of educational attainment

2.61.3 Type:

Numeric, Multi-value

2.61.4 Values:

`0` = No formal education (cannot read and write), `1` = No formal education (can read and write), `2` = Primary school, `3` = Secondary school, `4` = Senior Secondary school, `5` = Graduate, `6` = Post-graduate

2.61.5 Missing Data:

`-999` = No response recorded

2.61.6 Source:

Survey

2.61.7 Survey Question or Criterion:

What is the highest level of education you have attained?

2.61.8 Comments and Notes:

Exact questions may vary by country. All responses should be coded based on the description in `Values`.

2.62 Household Income

2.62.1 Label:

`income_survey_b`

2.62.2 Description:

Total monthly household income in US Dollars.

2.62.3 Type:

Continuous, Non-Negative

2.62.4 Values:

Any values between `0` and `+inf`

2.62.5 Missing Data:

`--999` = No response recorded

2.62.6 Source:

Survey

2.62.7 Survey Question or Criterion:

2.62.8 Comments and Notes:

We combined the two income questions in our questionnaire (one continuous and one based on income brackets) to reduce missingness. If continuous value was available, we used it. If not, we used the empirical center of the bracket. To compute the center of each bracket we first identified the income bracket of those that answered the continuous version, and then computed the median value. We converted from reais to dollars by the exchange rate at end of baseline. The exchange rate in 2017-12-21 was US$1 = BR$ 3.3080.

2.63 Migrant Status (Residence)

2.63.1 Label:

`migrant1_survey_b`

2.63.2 Description:

Whether the respondent's residence is in the same area?

2.63.3 Type:

Numeric, Binary

2.63.4 Values:

`1` = Yes, `0` = No

2.63.5 Missing Data:

`-999` = No response recorded

2.63.6 Source:

Survey

2.63.7 Survey Question or Criterion:

Is your residence in this same local government area?

2.63.8 Comments and Notes:

2.64 Migrant Status (Length of Residency)

2.64.1 Label:

`migrant2_survey_b`

2.64.2 Description:

How long the respondent has lived in the current place.

2.64.3 Type:

Continous, Non-Negative

2.64.4 Values:

In years, including decimal places. Values can range from `0` to `100`.

2.64.5 Missing Data:

`-999` = No response recorded

2.64.6 Source:

Survey

2.64.7 Survey Question or Criterion:

How long have you lived in that place?

2.64.8 Comments and Notes:

2.65 Migrant Status (Length of Residency ≤ 5 years)

2.65.1 Label:

`migrant3_survey_b`

2.65.2 Description:

If the respondent moved to the current locality under five years ago

2.65.3 Type:

Binary

2.65.4 Values:

`0` = No, `1` = Yes.

2.65.5 Missing Data:

`-999` = No response recorded

2.65.6 Source:

Survey

2.65.7 Survey Question or Criterion:

[If less than five years in `migrant2_survey_b`] Where did you move to that locality from?

2.65.8 Comments and Notes:

Teams should convert the text answers into an indicator variable.

3 End-line Variables

3.1 Formalization

3.1.1 Label:

`formalize_admin_e`

3.1.2 Description:

Respondent completes the formalization process, howsoever defined in each case.

3.1.3 Type:

Numeric, Binary

3.1.4 Values:

`0` = Did not complete formalization process; `1` = Successfully completed formalization process

3.1.5 Missing Data:

`-999` = No response recorded

3.1.6 Source:

Administrative

3.1.7 Survey Question or Criterion:

In Brazil, business is registered. Includes those that registered as MEI or as other type of business. We also added another version of this variable only for those that registered as MEI (see Section 4).

3.1.8 Comments and Notes:

3.2 Self-Reported Formalization

3.2.1 Label:

`formalize_survey_e`

3.2.2 Description:

Respondent reported having formalized the business at endline.

3.2.3 Type:

Numeric, Binary

3.2.4 Values:

`0` = Reported having not completed formalization process; `1` = Reported having completed formalization process

3.2.5 Missing Data:

`-999` = No response recorded

3.2.6 Source:

Endline Survey

3.2.7 Survey Question or Criterion:

In Brazil, formalization is having a registered business. This solely based on respondent' self-reported status, and is independent from the administrative version of the formalization variables.

3.2.8 Comments and Notes:

For cases in which both `formalize_admine` and `formalize_survey_e` were observed, almost 90% of cases were in agreement.

3.3 Intent to Formalize

3.3.1 Label:

`intenttoformalize_admin_e`

3.3.2 Description:

Whether the individual formalized or considered formalizing the business (after baseline).

3.3.3 Type:

Binary

3.3.4 Values:

`(0) = Did not consider formalizing; (1) = Considered formalizing`

3.3.5 Missing Data:

`-999`

3.3.6 Source:

Direct observations of Sebrae records and administrative records

3.3.7 Survey Question or Criterion:

No question. If the individual formalized (admin data) or called the field office or Sebrae offices for information, it was coded as intention.

3.3.8 Comments and Notes:

Per the PAP, we also coded as 1 those who contacted the research team or Sebrae at any point *after treatment dispensation* for help or queries about formalization and those whose administrative data indicate they actually formalize.

3.4 Intent to Formalize

3.4.1 Label:

`intenttoformalize_mixed_e`

3.4.2 Description:

Whether the individual formalized or considered formalizing the business (after baseline).

3.4.3 Type:

Binary

3.4.4 Values:

`(0) = Did not consider formalizing; (1) = Considered formalizing`

3.4.5 Missing Data:

`-999`

3.4.6 Source:

Endline survey, direct observations, Sebrae records, and administrative records

3.4.7 Survey Question or Criterion:

This is similar to the admin version, above, but also includes information collected at endline from a survey question that read "In the last 12 months, did you consider formalizing your business?", but we added information from other sources as described in the notes, below.

3.4.8 Comments and Notes:

Respondents who had answered that they had formalized in an earlier survey question were skipped in this intent to formalize question, and originally coded as -999. As these individuals obviously considered formalizing (after all, they declared having formalized), we recoded them as (1) Considered formalizing. Per the PAP, we also coded as 1 those who contacted the research team or Sebrae at any point *after treatment dispensation* for help or queries about formalization and those whose administrative data indicate they actually formalize.

3.5 Tax Compliance

3.5.1 Label:

`taxcompliance_admin_e`

3.5.2 Description:

Measures whether the subject paid the taxes, relevant to the formalization process, at end-line.

3.5.3 Type:

Numeric, Binary

3.5.4 Values:

`0` = Did not pay taxes in both the two months following formalization; `1` = Paid taxes relevant to the formalization process in the first two months after formalization, `-998` Not applicable (see notes)

3.5.5 Missing Data:

`-999` = No response recorded

3.5.6 Source:

Administrative

3.5.7 Survey Question or Criterion:

Tax compliance is measured from administrative records of monthly MEI payments. In order to produce the binary variable required by the MA Codebook, we coded as 1 all individuals who paid both the first and second months after formalization.

3.5.8 Comments and Notes:

Note that responses coded as −998 are for individuals who did not formalize and who, therefore, could not logically comply with taxes. In the analysis, we recode (and recommend recoding) −998 to 0.

3.6 Access to Piped Water

3.6.1 Label:

`access_water_survey_e`

3.6.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

3.6.3 Type:

Numeric, Binary

3.6.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.6.5 Missing Data:

`-999` = No response recorded

3.6.6 Source:

Survey

3.6.7 Survey Question or Criterion:

Does your household have access to piped water (exclusive access in your house)?

3.6.8 Comments and Notes:

3.7 Satisfaction with Piped Water

3.7.1 Label:

satisfaction_water_survey_e

3.7.2 Description:

If the respondent has access to piped water, how satisfied he/she is with that water connection.

3.7.3 Type:

Numeric, Multi-value

3.7.4 Values:

-2 = Completely Not Satisfied, -1 = Not Satisfied, 1 = Satisfied, 2 = Completely Satisfied, -998 = Item not applicable to respondent (i.e. respondent did not have access to it)

3.7.5 Missing Data:

-999 = No response recorded, -997 Don't know/Can't Say

3.7.6 Source:

Survey

3.7.7 Survey Question or Criterion:

If respondent has access to piped water, ask: How satisfied are you with the service provided?

3.7.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See Values and Missing Data for guidelines.

3.8 Responsibility for Piped Water

3.8.1 Label:

`responsible_water_survey_e`

3.8.2 Description:

Per the respondent, who is responsible for this particular service?

3.8.3 Type:

Numeric, Multi-value

3.8.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

3.8.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

3.8.6 Source:

Survey

3.8.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [piped water] in your neighborhood?

3.8.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

3.9 Access to Electricity

3.9.1 Label:

`access_power_survey_e`

3.9.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

3.9.3 Type:

Numeric, Binary

3.9.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.9.5 Missing Data:

`-999` = No response recorded

3.9.6 Source:

Survey

3.9.7 Survey Question or Criterion:

Does your household have access to electricity?

3.9.8 Comments and Notes:

3.10 Satisfaction with Electricity

3.10.1 Label:

`satisfaction_power_survey_e`

3.10.2 Description:

If the respondent has access to electricity, how satisfied he/she is with that electricity connection.

3.10.3 Type:

Numeric, Multi-value

3.10.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

3.10.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

3.10.6 Source:

Survey

3.10.7 Survey Question or Criterion:

If respondent has access to electricity, ask: How satisfied are you with the service provided?

3.10.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

3.11 Responsibility for Electricity

3.11.1 Label:

`responsible_power_survey_e`

3.11.2 Description:

Per the respondent, who is responsible for this particular service?

3.11.3 Type:

Numeric, Multi-value

3.11.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

3.11.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

3.11.6 Source:

Survey

3.11.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [electricity] in your neighborhood?

3.11.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

3.12 Access to Trash Collection

3.12.1 Label:

`access_trash_survey_e`

3.12.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

3.12.3 Type:

Numeric, Binary

3.12.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.12.5 Missing Data:

`-999` = No response recorded

3.12.6 Source:

Survey

3.12.7 Survey Question or Criterion:

Does your household have access to trash collection?

3.12.8 Comments and Notes:

3.13 Satisfaction with Trash Collection

3.13.1 Label:

satisfaction_trash_survey_e

3.13.2 Description:

If the respondent has access to trash collection, how satisfied he/she is with that service.

3.13.3 Type:

Numeric, Multi-value

3.13.4 Values:

-2 = Completely Not Satisfied, -1 = Not Satisfied, 1 = Satisfied, 2 = Completely Satisfied, -998 = Item not applicable to respondent (i.e. respondent did not have access to it)

3.13.5 Missing Data:

-999 = No response recorded, -997 Don't know/Can't Say

3.13.6 Source:

Survey

3.13.7 Survey Question or Criterion:

If respondent has access to trash collection, ask: How satisfied are you with the service provided?

3.13.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See Values and Missing Data for guidelines.

3.14 Responsibility for Trash Collection

3.14.1 Label:

`responsible_trash_survey_e`

3.14.2 Description:

Per the respondent, who is responsible for this particular service?

3.14.3 Type:

Numeric, Multi-value

3.14.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

3.14.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

3.14.6 Source:

Survey

3.14.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [trash collection] in your neighborhood?

3.14.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

3.15 Access to Sewage Collection

3.15.1 Label:

`access_sewage_survey_e`

3.15.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

3.15.3 Type:

Numeric, Binary

3.15.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.15.5 Missing Data:

`-999` = No response recorded

3.15.6 Source:

Survey

3.15.7 Survey Question or Criterion:

Does your household have access to sewage collection?

3.15.8 Comments and Notes:

3.16 Satisfaction with Sewage Collection

3.16.1 Label:

`satisfaction_sewage_survey_e`

3.16.2 Description:

If the respondent has access to sewage collection, how satisfied he/she is with that service.

3.16.3 Type:

Numeric, Multi-value

3.16.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

3.16.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

3.16.6 Source:

Survey

3.16.7 Survey Question or Criterion:

If respondent has access to sewage collection, ask: How satisfied are you with the service provided?

3.16.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

3.17 Responsibility for Sewage Collection

3.17.1 Label:

`responsible_sewage_survey_e`

3.17.2 Description:

Per the respondent, who is responsible for this particular service?

3.17.3 Type:

Numeric, Multi-value

3.17.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

3.17.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

3.17.6 Source:

Survey

3.17.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [sewage collection] in your neighborhood?

3.17.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

3.18 Access to Public Transportation

3.18.1 Label:

`access_transport_survey_e`

3.18.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

3.18.3 Type:

Numeric, Binary

3.18.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.18.5 Missing Data:

`-999` = No response recorded

3.18.6 Source:

Survey

3.18.7 Survey Question or Criterion:

Does your household have access to public transportation?

3.18.8 Comments and Notes:

3.19 Satisfaction with Public Transportation

3.19.1 Label:

satisfaction_transport_survey_e

3.19.2 Description:

If the respondent has access to public transportation, how satisfied he/she is with that service.

3.19.3 Type:

Numeric, Multi-value

3.19.4 Values:

-2 = Completely Not Satisfied, -1 = Not Satisfied, 1 = Satisfied, 2 = Completely Satisfied, -998 = Item not applicable to respondent (i.e. respondent did not have access to it)

3.19.5 Missing Data:

-999 = No response recorded, -997 Don't know/Can't Say

3.19.6 Source:

Survey

3.19.7 Survey Question or Criterion:

If respondent has access to public transportation, ask: How satisfied are you with the service provided?

3.19.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See Values and Missing Data for guidelines.

3.20 Responsibility for Public Transportation

3.20.1 Label:

`responsible_transport_survey_e`

3.20.2 Description:

Per the respondent, who is responsible for this particular service?

3.20.3 Type:

Numeric, Multi-value

3.20.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

3.20.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

3.20.6 Source:

Survey

3.20.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [public transportation] in your neighborhood?

3.20.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

3.21 Access to Paved Roads

3.21.1 Label:

`access_roads_survey_e`

3.21.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

3.21.3 Type:

Numeric, Binary

3.21.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.21.5 Missing Data:

`-999` = No response recorded

3.21.6 Source:

Survey

3.21.7 Survey Question or Criterion:

Does your household have access to paved roads in your own street?

3.21.8 Comments and Notes:

3.22 Satisfaction with Paved Roads

3.22.1 Label:

satisfaction_roads_survey_e

3.22.2 Description:

If the respondent has access to paved roads, how satisfied he/she is with that service.

3.22.3 Type:

Numeric, Multi-value

3.22.4 Values:

-2 = Completely Not Satisfied, -1 = Not Satisfied, 1 = Satisfied, 2 = Completely Satisfied, -998 = Item not applicable to respondent (i.e. respondent did not have access to it)

3.22.5 Missing Data:

-999 = No response recorded, -997 Don't know/Can't Say

3.22.6 Source:

Survey

3.22.7 Survey Question or Criterion:

If respondent has access to paved roads, ask: How satisfied are you with the service provided?

3.22.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See Values and Missing Data for guidelines.

3.23 Responsibility for Paved Roads

3.23.1 Label:

`responsible_roads_survey_e`

3.23.2 Description:

Per the respondent, who is responsible for this particular service?

3.23.3 Type:

Numeric, Multi-value

3.23.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

3.23.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

3.23.6 Source:

Survey

3.23.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [paved roads] in your neighborhood?

3.23.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

3.24 Access to Public Street Lighting

3.24.1 Label:

`access_lights_survey_e`

3.24.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

3.24.3 Type:

Numeric, Binary

3.24.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.24.5 Missing Data:

`-999` = No response recorded

3.24.6 Source:

Survey

3.24.7 Survey Question or Criterion:

Does your household have access to public street lighting in your own street?

3.24.8 Comments and Notes:

3.25 Satisfaction with Public Street Lighting

3.25.1 Label:

satisfaction_lights_survey_e

3.25.2 Description:

If the respondent has access to public street lighting, how satisfied he/she is with that service.

3.25.3 Type:

Numeric, Multi-value

3.25.4 Values:

-2 = Completely Not Satisfied, -1 = Not Satisfied, 1 = Satisfied, 2 = Completely Satisfied, -998 = Item not applicable to respondent (i.e. respondent did not have access to it)

3.25.5 Missing Data:

-999 = No response recorded, -997 Don't know/Can't Say

3.25.6 Source:

Survey

3.25.7 Survey Question or Criterion:

If respondent has access to public street lighting, ask: How satisfied are you with the service provided?

3.25.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See Values and Missing Data for guidelines.

3.26 Responsibility for Public Street Lighting

3.26.1 Label:

`responsible_lights_survey_e`

3.26.2 Description:

Per the respondent, who is responsible for this particular service?

3.26.3 Type:

Numeric, Multi-value

3.26.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

3.26.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

3.26.6 Source:

Survey

3.26.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [public street lighting] in your neighborhood?

3.26.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

3.27 Access to Healthcare

3.27.1 Label:

`access_health_survey_e`

3.27.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

3.27.3 Type:

Numeric, Binary

3.27.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.27.5 Missing Data:

`-999` = No response recorded

3.27.6 Source:

Survey

3.27.7 Survey Question or Criterion:

Does your household have access to healthcare?

3.27.8 Comments and Notes:

3.28 Satisfaction with Healthcare

3.28.1 Label:

satisfaction_health_survey_e

3.28.2 Description:

If the respondent has access to healthcare, how satisfied he/she is with that service.

3.28.3 Type:

Numeric, Multi-value

3.28.4 Values:

-2 = Completely Not Satisfied, -1 = Not Satisfied, 1 = Satisfied, 2 = Completely Satisfied, -998 = Item not applicable to respondent (i.e. respondent did not have access to it)

3.28.5 Missing Data:

-999 = No response recorded, -997 Don't know/Can't Say

3.28.6 Source:

Survey

3.28.7 Survey Question or Criterion:

If respondent has access to healthcare, ask: How satisfied are you with the service provided?

3.28.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See Values and Missing Data for guidelines.

3.29 Responsibility for Healthcare

3.29.1 Label:

`responsible_health_survey_e`

3.29.2 Description:

Per the respondent, who is responsible for this particular service?

3.29.3 Type:

Numeric, Multi-value

3.29.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

3.29.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

3.29.6 Source:

Survey

3.29.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [healthcare] in your neighborhood?

3.29.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

3.30 Access to Education

3.30.1 Label:

`access_educ_survey_e`

3.30.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

3.30.3 Type:

Numeric, Binary

3.30.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.30.5 Missing Data:

`-999` = No response recorded

3.30.6 Source:

Survey

3.30.7 Survey Question or Criterion:

Does your household have access to education?

3.30.8 Comments and Notes:

3.31 Satisfaction with Education

3.31.1 Label:

`satisfaction_educ_survey_e`

3.31.2 Description:

If the respondent has access to education, how satisfied he/she is with that service.

3.31.3 Type:

Numeric, Multi-value

3.31.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

3.31.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

3.31.6 Source:

Survey

3.31.7 Survey Question or Criterion:

If respondent has access to education, ask: How satisfied are you with the service provided?

3.31.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

3.32 Responsibility for Education

3.32.1 Label:

`responsible_educ_survey_e`

3.32.2 Description:

Per the respondent, who is responsible for this particular service?

3.32.3 Type:

Numeric, Multi-value

3.32.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

3.32.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

3.32.6 Source:

Survey

3.32.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [education] in your neighborhood?

3.32.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

3.33 Access to Pension or Retirement Fund

3.33.1 Label:

`access_pension_survey_e`

3.33.2 Description:

Whether or not the respondent had access to a public service directly related to the process of formalization

3.33.3 Type:

Numeric, Binary

3.33.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.33.5 Missing Data:

`-999` = No response recorded

3.33.6 Source:

Survey

3.33.7 Survey Question or Criterion:

Does your household have access to pension or a retirement fund?

3.33.8 Comments and Notes:

3.34 Satisfaction with Pension or Retirement Fund

3.34.1 Label:

`satisfaction_pension_survey_e`

3.34.2 Description:

If the respondent has access to pension or a retirement fund, how satisfied he/she is with that service.

3.34.3 Type:

Numeric, Multi-value

3.34.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

3.34.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

3.34.6 Source:

Survey

3.34.7 Survey Question or Criterion:

If respondent has access to pension or retirement fund, ask: How satisfied are you with the service provided?

3.34.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

3.35 Responsibility for Pension or Retirement Fund

3.35.1 Label:

`responsible_pension_survey_e`

3.35.2 Description:

Per the respondent, who is responsible for this particular service?

3.35.3 Type:

Numeric, Multi-value

3.35.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

3.35.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

3.35.6 Source:

Survey

3.35.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [pension or retirement fund] in your neighborhood?

3.35.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

3.36 Access to Public Service Related to Formalization

3.36.1 Label:

`access_publicse_survey_e`

3.36.2 Description:

Whether the respondent has access to a public service that is closest to the process of formalization.

3.36.3 Type:

Binary

3.36.4 Values:

`1` = Yes, `0` = No, `-997` Don't know/Can't Say

3.36.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

3.36.6 Source:

Survey

3.36.7 Survey Question or Criterion:

Does your household have access to [name of service]?

3.36.8 Comments and Notes:

Teams must select **one** public service from the ten in the questionnaire that is closest to the process of formalization (howsoever defined in a country). Please select only **one service**, and duplicate the relevant column in the data set, now calling it `access_publicse_survey_e`.

3.37 Satisfaction with Public Service Related to Formalization

3.37.1 Label:

`satisfaction_publicse_survey_e`

3.37.2 Description:

If the respondent has access to the public service related to formalization, how satisfied he/she is with that service.

3.37.3 Type:

Numeric, Multi-value

3.37.4 Values:

`-2` = Completely Not Satisfied, `-1` = Not Satisfied, `1` = Satisfied, `2` = Completely Satisfied, `-998` = Item not applicable to respondent (i.e. respondent did not have access to it)

3.37.5 Missing Data:

`-999` = No response recorded, `-997` Don't know/Can't Say

3.37.6 Source:

Survey

3.37.7 Survey Question or Criterion:

If respondent has access to [`public service`], ask: How satisfied are you with the service provided?

3.37.8 Comments and Notes:

Responses are collected conditional on having access. Please code missing units differently from ineligible units. See `Values` and `Missing Data` for guidelines.

3.38 Responsibility for Public Service Related to Formalization

3.38.1 Label:

`responsible_publicse_survey_e`

3.38.2 Description:

Per the respondent, who is responsible for this particular service?

3.38.3 Type:

Numeric, Multi-value

3.38.4 Values:

`1` = Government, `2` = Private Company or Provider, `3` = Households do it themselves, `-997` = Don't Know

3.38.5 Missing Data:

`-999` = No response recorded / Refuses to Answer

3.38.6 Source:

Survey

3.38.7 Survey Question or Criterion:

Who do you think is mainly involved in providing the service [public service related to formalization] in your neighborhood?

3.38.8 Comments and Notes:

Responses must be collected from **all** respondents, not just those with access to the service.

3.39 "Soft Access"

3.39.1 Label:

access_survey_e

3.39.2 Description:

Measures access to public services directly related to the formalization process

3.39.3 Type:

Numeric, Multi-value

3.39.4 Values:

1 = Not confident, 2 = Somewhat Confident, 3 Confident, 4 Very Confident, -997 Don't know/Can't Say

3.39.5 Missing Data:

-999 = No response recorded / Refuse to Answer

3.39.6 Source:

Survey

3.39.7 Survey Question or Criterion:

In Brazil: (1) On a scale from 1 to 4 (where 1 means not confident at all, and 4 means very confident), how confident are you that you will receive a pension from the state once you reach the retirement age? (2) On a scale from 1 to 4 (where 1 means not confident at all and 4 means very confident), how confident are you that the government will not shut down your business? In order to combine the two dimensions of our soft access question (which were measured on four point scales) into a combined four point scale variable, we averaged the two components and subsequently rounded to the nearest integer, to generate a 4 points outcome scale, as requested. If a respondent only answered one of the two questions, the response value on that answer was used.

3.39.8 Comments and Notes:

We also include two variables: access1_survey_e and access2_survey_e because there are two survey items measuring "soft access".

3.40 Alternative Service Providers

3.40.1 Label:

altservice_survey_e

3.40.2 Description:

Measure whether the respondent finds a government or non-government agency most useful for a service most relevant to the formalization process

3.40.3 Type:

Numeric, Multi-value

3.40.4 Values:

1= Local elected politician (country-specific), 2= Local bureaucrat (country-specific), 3= Another neighbor, 4= Pastor, 5= Police or Judicial system, 6= Traditional authority (e.g.: feticheur or thunderman, country-specific), 7= Formal association or club (country-specific), -997 Don't know/Can't Say

3.40.5 Missing Data:

-999 = No response recorded / Refuse to Answer

3.40.6 Source:

Survey

3.40.7 Survey Question or Criterion:

I would like to ask you a few questions about the persons or institutions that you go to to deal with [insert country-specific problem that requires a service closely related to formalization]. When such a conflict arises, who do you think would be most useful?

3.40.8 Comments and Notes:

Four of the values are country-specific (i.e. each team will insert the relevant person or institution). These are: local elected politician, local bureaucrat, traditional authority, and formal association or club.

3.41 Tax Morale

3.41.1 Label:

`taxmorale_survey_e`

3.41.2 Description:

Measures the respondent's willingness to pay taxes not directly related to the formalization process.

3.41.3 Type:

Numeric, Multi-value

3.41.4 Values:

`-2` Very strong prefer "Citizens should only pay their taxes if they agree with the government or its actions", `-1` Not very strong prefer "Citizens should only pay their taxes if they agree with the government or its actions", `1` Not very strong prefer "Citizens should always pay their taxes even if they disagree with the government or its actions", `2` Very strong prefer "Citizens should always pay their taxes even if they disagree with the government or its actions", `-997` Don't know/Can't Say

3.41.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.41.6 Source:

Survey

3.41.7 Survey Question or Criterion:

We include two sequential questions in our survey to produce this variable. The first asked which of the two statements people agreed the most, and the second asked how strongly they agreed with their selected statement. The two questions are then combined into the single answer scale that we report on the dataset. Some people who answered the first question did not answer the second intensity question. Instead of discarding them as missing, we coded those who picked an option in the first question but who did not answer the second (intensity) question as having a "non extreme" or "weak" preference for their preferred choice.

3.41.8 Comments and Notes:

This is an end-line measure **only**. The question has two parts, and teams must combine answers to both parts while providing data. In other words, they must convert responses to the four-point scale using the description in `Values`.

3.42 Tax Non-Compliance (Perceptions)

3.42.1 Label:

`taxnoncompliance1_survey_e`

3.42.2 Description:

Measures perceptions about non-compliance with tax laws

3.42.3 Type:

Numeric, 11 point scale

3.42.4 Values:

`0` to `10`

3.42.5 Missing Data:

`-999` = No response recorded / Refused to Answer, `-997` Don't know/Can't Say

3.42.6 Source:

Survey

3.42.7 Survey Question or Criterion:

Out of 10 business owners here in this region that are supposed to pay [INSERT RELEVANT TAX/FEE], how many do you think actually paid the [tax/fee] owed to the [INSERT RELEVANT AUTHORITY]?

3.42.8 Comments and Notes:

This is an end-line measure **only**. The question varies from site-to-site. Teams will pick the tax or fee most relevant to their study, and identify the authority to which it must be paid.

3.43 Tax Non-Compliance (Being Caught)

3.43.1 Label:

`taxnoncompliance2_survey_e`

3.43.2 Description:

Measures perceptions about the probability of being caught when taxes or fees are not paid.

3.43.3 Type:

Numeric, Binary

3.43.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.43.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.43.6 Source:

Survey

3.43.7 Survey Question or Criterion:

Do you think the [INSERT RELEVANT AUTHORITY] knows who pays and does not pay [the relevant tax]?

3.43.8 Comments and Notes:

This is an end-line measure **only**. The "relevant authority" is taken from `taxnoncompliance1_e_survey`.

3.44 Tax Non-Compliance (Punished)

3.44.1 Label:

`taxnoncompliance3_survey_e`

3.44.2 Description:

Measures perceptions about the probability of being punished when taxes or fees are not paid.

3.44.3 Type:

Numeric, Four-point scale

3.44.4 Values:

`1` = Very unlikely, `2` = Somewhat Unlikely, `3` = Somewhat Likely, `4` = Very Likely, `-997` Don't know/Can't Say

3.44.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.44.6 Source:

Survey

3.44.7 Survey Question or Criterion:

How likely is it that the [RELEVANT AUTHORITY] will punish people who do not pay [the relevant tax]?

3.44.8 Comments and Notes:

This is an end-line measure **only**. The "relevant authority" and "relevant tax" is taken from `taxnoncompliance1_survey_e`, and should match the authority in `taxnoncompliance2_survey_e`.

3.45 Requirement to Pay (Income Tax)

3.45.1 Label:

`required_incometax_survey_e`

3.45.2 Description:

Measures whether or not the respondent thinks he/she is required to pay income tax.

3.45.3 Type:

Numeric, Binary

3.45.4 Values:

`0` = No, `1` = Yes, `-997` = Don't Know

3.45.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.45.6 Source:

Survey

3.45.7 Survey Question or Criterion:

Do you think you are required to pay income tax?

3.45.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.46 Tax Source (Income Tax)

3.46.1 Label:

taxsource_incometax_survey_e

3.46.2 Description:

Measures whether or not the respondent knows who this tax is payable to

3.46.3 Type:

Numeric, Four values

3.46.4 Values:

1 = Federal government, 2 = State government, 3 = Municipal government, -997 = Don't Know

3.46.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.46.6 Source:

Survey

3.46.7 Survey Question or Criterion:

Whom is this tax owed to?

3.46.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.47 Solicited (Income Tax)

3.47.1 Label:

`solicited_incometax_survey_e`

3.47.2 Description:

Measures whether or not the respondent was asked to pay the tax by the competent authority?

3.47.3 Type:

Numeric, Binary

3.47.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.47.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.47.6 Source:

Survey

3.47.7 Survey Question or Criterion:

Were you solicited to pay this tax?

3.47.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.48 Paid (Income Tax)

3.48.1 Label:

`paid_incometax_survey_e`

3.48.2 Description:

Measures whether or not the respondent paid the tax to the competent authority?

3.48.3 Type:

Numeric, Binary

3.48.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.48.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.48.6 Source:

Survey

3.48.7 Survey Question or Criterion:

Did you pay this tax?

3.48.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.49 Requirement to Pay (Commercial or Service Tax)

3.49.1 Label:

`required_servicetax_survey_e`

3.49.2 Description:

Measures whether or not the respondent thinks he/she is required to pay service tax.

3.49.3 Type:

Numeric, Binary

3.49.4 Values:

`0` = No, `1` = Yes, `-997` = Don't Know

3.49.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.49.6 Source:

Survey

3.49.7 Survey Question or Criterion:

Do you think you are required to pay service tax?

3.49.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.50 Tax Source (Commercial or Service Tax)

3.50.1 Label:

`taxsource_servicetax_survey_e`

3.50.2 Description:

Measures whether or not the respondent knows who this tax is payable to

3.50.3 Type:

Numeric, Four values

3.50.4 Values:

`1` = Federal government, `2` = State government, `3` = Municipal government, `-997` = Don't Know

3.50.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.50.6 Source:

Survey

3.50.7 Survey Question or Criterion:

Whom is this tax owed to?

3.50.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.51 Solicited (Commercial or Service Tax)

3.51.1 Label:

`solicited_servicetax_survey_e`

3.51.2 Description:

Measures whether or not the respondent was asked to pay the tax by the competent authority?

3.51.3 Type:

Numeric, Binary

3.51.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.51.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.51.6 Source:

Survey

3.51.7 Survey Question or Criterion:

Were you solicited to pay this tax?

3.51.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.52 Paid (Commercial or Service Tax)

3.52.1 Label:

`paid_servicetax_survey_e`

3.52.2 Description:

Measures whether or not the respondent paid the tax to the competent authority?

3.52.3 Type:

Numeric, Binary

3.52.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.52.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.52.6 Source:

Survey

3.52.7 Survey Question or Criterion:

Did you pay this tax?

3.52.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.53 Requirement to Pay (Property or Land Tax)

3.53.1 Label:

`required_landtax_survey_e`

3.53.2 Description:

Measures whether or not the respondent thinks he/she is required to pay land/property/housing tax.

3.53.3 Type:

Numeric, Binary

3.53.4 Values:

`0` = No, `1` = Yes, `-997` = Don't Know

3.53.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.53.6 Source:

Survey

3.53.7 Survey Question or Criterion:

Do you think you are required to pay land/property/housing tax?

3.53.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.54 Tax Source (Property or Land Tax)

3.54.1 Label:

taxsource_landtax_survey_e

3.54.2 Description:

Measures whether or not the respondent knows who this tax is payable to

3.54.3 Type:

Numeric, Four values

3.54.4 Values:

1 = Federal government, 2 = State government, 3 = Municipal government, -997 = Don't Know

3.54.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.54.6 Source:

Survey

3.54.7 Survey Question or Criterion:

Whom is this tax owed to?

3.54.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.55 Solicited (Property or Land Tax)

3.55.1 Label:

`solicited_landtax_survey_e`

3.55.2 Description:

Measures whether or not the respondent was asked to pay the tax by the competent authority?

3.55.3 Type:

Numeric, Binary

3.55.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.55.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.55.6 Source:

Survey

3.55.7 Survey Question or Criterion:

Were you solicited to pay this tax?

3.55.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.56 Paid (Property or Land Tax)

3.56.1 Label:

`paid_landtax_survey_e`

3.56.2 Description:

Measures whether or not the respondent paid the tax to the competent authority?

3.56.3 Type:

Numeric, Binary

3.56.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.56.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.56.6 Source:

Survey

3.56.7 Survey Question or Criterion:

Did you pay this tax?

3.56.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.57 Requirement to Pay (Vehicle Tax)

3.57.1 Label:

`required_vehicletax_survey_e`

3.57.2 Description:

Measures whether or not the respondent thinks he/she is required to pay vehicle tax.

3.57.3 Type:

Numeric, Binary

3.57.4 Values:

`0` = No, `1` = Yes, `-997` = Don't Know

3.57.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.57.6 Source:

Survey

3.57.7 Survey Question or Criterion:

Do you think you are required to pay vehicle tax?

3.57.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.58 Tax Source (Vehicle Tax)

3.58.1 Label:

taxsource_vehicletax_survey_e

3.58.2 Description:

Measures whether or not the respondent knows who this tax is payable to

3.58.3 Type:

Numeric, Four values

3.58.4 Values:

1 = Federal government, 2 = State government, 3 = Municipal government, -997 = Don't Know

3.58.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.58.6 Source:

Survey

3.58.7 Survey Question or Criterion:

Whom is this tax owed to?

3.58.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.59 Solicited (Vehicle Tax)

3.59.1 Label:

`solicited_vehicletax_survey_e`

3.59.2 Description:

Measures whether or not the respondent was asked to pay the tax by the competent authority?

3.59.3 Type:

Numeric, Binary

3.59.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.59.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.59.6 Source:

Survey

3.59.7 Survey Question or Criterion:

Were you solicited to pay this tax?

3.59.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.60 Paid (Vehicle Tax)

3.60.1 Label:

`paid_vehicletax_survey_e`

3.60.2 Description:

Measures whether or not the respondent paid the tax to the competent authority?

3.60.3 Type:

Numeric, Binary

3.60.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.60.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.60.6 Source:

Survey

3.60.7 Survey Question or Criterion:

Did you pay this tax?

3.60.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.61 Requirement to Pay (Fictitious Tax)

3.61.1 Label:

`required_faketax_survey_e`

3.61.2 Description:

Measures whether or not the respondent thinks he/she is required to pay a non-existent, fictitious tax.

3.61.3 Type:

Numeric, Binary

3.61.4 Values:

`0` = No, `1` = Yes, `-997` = Don't Know

3.61.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.61.6 Source:

Survey

3.61.7 Survey Question or Criterion:

Do you think you are required to pay the tax?

3.61.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains. Teams were asked to include a fictitious tax and solicit responses to this question. The name or type of this tax varies by field site.

3.62 Tax Source (Fictitious Tax)

3.62.1 Label:

taxsource_faketax_survey_e

3.62.2 Description:

Asks whether or not the respondent knows who this fictitious tax is payable to

3.62.3 Type:

Numeric, Four values

3.62.4 Values:

1 = Federal government, 2 = State government, 3 = Municipal government, -997 = Don't Know

3.62.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.62.6 Source:

Survey

3.62.7 Survey Question or Criterion:

Whom is this tax owed to?

3.62.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains. Teams were asked to include a fictitious tax and solicit responses to this question. The name or type of this tax varies by field site.

3.63 Solicited (Fictitious Tax)

3.63.1 Label:

`solicited_faketax_survey_e`

3.63.2 Description:

Measures whether or not the respondent was asked to pay this fictitious tax by some authority?

3.63.3 Type:

Numeric, Binary

3.63.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.63.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.63.6 Source:

Survey

3.63.7 Survey Question or Criterion:

Were you solicited to pay this tax?

3.63.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains. Teams were asked to include a fictitious tax and solicit responses to this question. The name or type of this tax varies by field site.

3.64 Paid (Fictitious Tax)

3.64.1 Label:

paid_faketax_survey_e

3.64.2 Description:

Measures whether or not the respondent claims to have paid the fictitious tax?

3.64.3 Type:

Numeric, Binary

3.64.4 Values:

0 = No, 1 = Yes, -997 Don't know/Can't Say

3.64.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.64.6 Source:

Survey

3.64.7 Survey Question or Criterion:

Did you pay this tax?

3.64.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains. Teams were asked to include a fictitious tax and solicit responses to this question. The name or type of this tax varies by field site.

3.65 Requirement to Pay (Business Licence Fee)

3.65.1 Label:

`required_businessfee_survey_e`

3.65.2 Description:

Measures whether or not the respondent thinks he/she is required to pay a Business Licence Fee.

3.65.3 Type:

Numeric, Binary

3.65.4 Values:

`0` = No, `1` = Yes, `-997` = Don't Know

3.65.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.65.6 Source:

Survey

3.65.7 Survey Question or Criterion:

Do you think you are required to pay the fee?

3.65.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.66 Tax Source (Business Licence Fee)

3.66.1 Label:

taxsource_businessfee_survey_e

3.66.2 Description:

Asks whether or not the respondent knows who this Business Licence Fee is payable to

3.66.3 Type:

Numeric, Four values

3.66.4 Values:

1 = Federal government, 2 = State government, 3 = Municipal government, -997 = Don't Know

3.66.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.66.6 Source:

Survey

3.66.7 Survey Question or Criterion:

Whom is this tax/fee owed to?

3.66.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.67 Solicited (Business Licence Fee)

3.67.1 Label:

`solicited_businessfee_survey_e`

3.67.2 Description:

Measures whether or not the respondent was asked to pay the Business Licence Fee by some authority?

3.67.3 Type:

Numeric, Binary

3.67.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.67.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.67.6 Source:

Survey

3.67.7 Survey Question or Criterion:

Were you solicited to pay this fee?

3.67.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.68 Paid (Business Licence Fee)

3.68.1 Label:

`paid_businessfee_survey_e`

3.68.2 Description:

Measures whether or not the respondent claims to have paid the Business Licence Fee?

3.68.3 Type:

Numeric, Binary

3.68.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.68.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.68.6 Source:

Survey

3.68.7 Survey Question or Criterion:

Did you pay this fee?

3.68.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.69 Requirement to Pay (Market Vendor Fee)

3.69.1 Label:

`required_mktvendorfee_survey_e`

3.69.2 Description:

Measures whether or not the respondent thinks he/she is required to pay a Market Vendor Fee.

3.69.3 Type:

Numeric, Binary

3.69.4 Values:

`0` = No, `1` = Yes, `-997` = Don't Know

3.69.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.69.6 Source:

Survey

3.69.7 Survey Question or Criterion:

Do you think you are required to pay the fee?

3.69.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.70 Tax Source (Market Vendor Fee)

3.70.1 Label:

taxsource_mktvendorfee_survey_e

3.70.2 Description:

Asks whether or not the respondent knows who this Market Vendor Fee is payable to.

3.70.3 Type:

Numeric, Four values

3.70.4 Values:

1 = Federal government, 2 = State government, 3 = Municipal government, -997 = Don't Know

3.70.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.70.6 Source:

Survey

3.70.7 Survey Question or Criterion:

Whom is this tax/fee owed to?

3.70.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.71 Solicited (Market Vendor Fee)

3.71.1 Label:

`solicited_mktvendorfee_survey_e`

3.71.2 Description:

Measures whether or not the respondent was asked to pay the Market Vendor Fee by some authority?

3.71.3 Type:

Numeric, Binary

3.71.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.71.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.71.6 Source:

Survey

3.71.7 Survey Question or Criterion:

Were you solicited to pay this fee?

3.71.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.72 Paid (Market Vendor Fee)

3.72.1 Label:

`paid_mktvendorfee_survey_e`

3.72.2 Description:

Measures whether or not the respondent claims to have paid the Market Vendor Fee?

3.72.3 Type:

Numeric, Binary

3.72.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.72.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.72.6 Source:

Survey

3.72.7 Survey Question or Criterion:

Did you pay this fee?

3.72.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains.

3.73 Requirement to Pay (Some Other Local Tax)

3.73.1 Label:

`required_localtax1_survey_e`

3.73.2 Description:

Measures whether or not the respondent thinks he/she is required to pay some local tax or fee appropriate to the study, and included in the questionnaire.

3.73.3 Type:

Numeric, Binary

3.73.4 Values:

`0` = No, `1` = Yes, `-997` = Don't Know

3.73.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.73.6 Source:

Survey

3.73.7 Survey Question or Criterion:

Do you think you are required to pay [insert as many other relevant taxes and fees as appropriate to your study]?

3.73.8 Comments and Notes:

Teams can select more than one local tax or fee. For every such tax or fee, they must code this variable, naming it as follows: the first such tax or fee variable should be `required2pay_localtax1_survey_e`, the second one `required2pay_localtax2_survey_e`, the third one `required2pay_localtax3_survey_e` and so on.

3.74 Tax Source (Some Other Local Tax)

3.74.1 Label:

taxsource_localtax1_survey_e

3.74.2 Description:

Asks whether or not the respondent knows who this local tax or fee is payable to.

3.74.3 Type:

Numeric, Four values

3.74.4 Values:

1 = Federal government, 2 = State government, 3 = Municipal government, -997 = Don't Know

3.74.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.74.6 Source:

Survey

3.74.7 Survey Question or Criterion:

Whom is this tax/fee owed to?

3.74.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains. Teams can select more than one local tax or fee to be included in this battery. For every such tax or fee, they must code this variable, naming it as follows: the first such tax or fee variable should be taxsource_localtax1_survey_e, the second one taxsource_localtax2_survey_e, the third one taxsource_localtax3_survey_e and so on.

3.75 Solicited (Local Tax or Fee)

3.75.1 Label:

`solicited_localtax1_survey_e`

3.75.2 Description:

Measures whether or not the respondent was asked to pay the local tax or fee?

3.75.3 Type:

Numeric, Binary

3.75.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.75.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.75.6 Source:

Survey

3.75.7 Survey Question or Criterion:

Were you solicited to pay this fee?

3.75.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains. Teams can select more than one local tax or fee to be included in this battery. For every such tax or fee, they must code this variable, naming it as follows: the first such tax or fee variable should be `solicited_localtax1_survey_e`, the second one `solicited_localtax2_survey_e`, the third one `solicited_localtax3_survey_e` and so on.

3.76 Paid (Local Tax or Fee)

3.76.1 Label:

paid_localtax1_survey_e

3.76.2 Description:

Measures whether or not the respondent claims to have paid the local tax or fee?

3.76.3 Type:

Numeric, Binary

3.76.4 Values:

0 = No, 1 = Yes, -997 Don't know/Can't Say

3.76.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.76.6 Source:

Survey

3.76.7 Survey Question or Criterion:

Did you pay this fee?

3.76.8 Comments and Notes:

This question is part of a battery of questions about compliance with taxes in other domains. Teams can select more than one local tax or fee to be included in this battery. For every such tax or fee, they must code this variable, naming it as follows: the first such tax or fee variable should be paid_localtax1_survey_e, the second one paid_localtax2_survey_e, the third one paid_localtax3_survey_e and so on.

3.77 Civic and Political Participation (Attended Community Meeting)

3.77.1 Label:

civpolparticp1_survey_e

3.77.2 Description:

Measures civic and political engagement of the respondent, specifically whether the respondent attended a community meeting.

3.77.3 Type:

Numeric, Binary

3.77.4 Values:

0 = No, 1 = Yes, -997 Don't know/Can't Say

3.77.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.77.6 Source:

Survey

3.77.7 Survey Question or Criterion:

Here is a list of things that people sometimes do as citizens. For each of these, please tell me if you have personally done this thing during the past year. [Item 1: Attended a community meeting]

3.77.8 Comments and Notes:

3.78 Civic and Political Participation (Meet Politician)

3.78.1 Label:

civpolparticp2_survey_e

3.78.2 Description:

Measures civic and political engagement of the respondent, specifically whether the respondent has met an elected politician.

3.78.3 Type:

Numeric, Multi-value

3.78.4 Values:

0 = No, 1 = Yes, but did not raise any problem, 2 = Yes, raised problem affecting household, 3 = Yes, raised problem in the community, 4 = Yes, raised both types of problems, -997 Don't know/Can't Say

3.78.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.78.6 Source:

Survey

3.78.7 Survey Question or Criterion:

Here is a list of things that people sometimes do as citizens. For each of these, please tell me if you have personally done this thing during the past year. [Item 2: met with an elected politician.If yes, did you raise a problem in the community, a problem affecting your household, or both.]

3.78.8 Comments and Notes:

3.79 Civic and Political Participation (Meet Bureaucrat)

3.79.1 Label:

civpolparticp3_survey_e

3.79.2 Description:

Measures civic and political engagement of the respondent, specifically whether the respondent has met a state bureaucrat.

3.79.3 Type:

Numeric, Multi-value

3.79.4 Values:

0 = No, 1 = Yes, but did not raise any problem, 2 = Yes, raised problem affecting household, 3 = Yes, raised problem in the community, 4 = Yes, raised both types of problems, -997 Don't know/Can't Say

3.79.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.79.6 Source:

Survey

3.79.7 Survey Question or Criterion:

Here is a list of things that people sometimes do as citizens. For each of these, please tell me if you have personally done this thing during the past year. [Item 3: met with a state bureaucrat (some teams will add examples of what a bureaucrat is). If yes, did you raise a problem in the community, a problem affecting your household, or both.]

3.79.8 Comments and Notes:

3.80 Civic and Political Participation (Attended Civic Association)

3.80.1 Label:

civpolparticp4_survey_e

3.80.2 Description:

Measures civic and political engagement of the respondent, specifically whether the respondent has attended meetings of a civic association, club, union, or NGO.

3.80.3 Type:

Numeric, Binary

3.80.4 Values:

0 = No, 1 = Yes, -997 Don't know/Can't Say

3.80.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.80.6 Source:

Survey

3.80.7 Survey Question or Criterion:

Here is a list of things that people sometimes do as citizens. For each of these, please tell me if you have personally done this thing during the past year. [Item 4: joined or participated in the meetings of a civic association, such as a club, a union, or a NGO.]

3.80.8 Comments and Notes:

3.81 Civic and Political Participation (Attended Party Meeting)

3.81.1 Label:

`civpolparticp5_survey_e`

3.81.2 Description:

Measures civic and political engagement of the respondent, specifically whether the respondent has attended a political party's meeting.

3.81.3 Type:

Numeric, Binary

3.81.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.81.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.81.6 Source:

Survey

3.81.7 Survey Question or Criterion:

Here is a list of things that people sometimes do as citizens. For each of these, please tell me if you have personally done this thing during the past year. [Item 5: Gone to a political party meeting]

3.81.8 Comments and Notes:

3.82 Civic and Political Participation (Voted)

3.82.1 Label:

`civpolparticp6_survey_e`

3.82.2 Description:

Measures civic and political engagement of the respondent, specifically whether the respondent voted in a party primary or local government election.

3.82.3 Type:

Numeric, Binary

3.82.4 Values:

`0` = No, `1` = Yes, `-997` Don't know/Can't Say

3.82.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.82.6 Source:

Survey

3.82.7 Survey Question or Criterion:

Here is a list of things that people sometimes do as citizens. For each of these, please tell me if you have personally done this thing during the past year. [Item 6: Voted in a party primary or local government election]

3.82.8 Comments and Notes:

3.83 State Capacity I

3.83.1 Label:

`statecapacity1_survey_e`

3.83.2 Description:

Whether the respondent thinks the state can fix a country-specific problem described by the enumerator.

3.83.3 Type:

Numeric, Binary

3.83.4 Values:

`0` = No, `1` = Yes, `-997` Don't know

3.83.5 Missing Data:

`-999` = No response recorded / Refused to Answer

3.83.6 Source:

Survey

3.83.7 Survey Question or Criterion:

Imagine that many of the [insert relevant group, e.g. "local market places"] had been badly damaged due to bad weather. Do you think the local government would fix this problem within three months?

3.83.8 Comments and Notes:

The specific thing damaged due to bad weather varies by country, and teams will deploy locally salient examples.

3.84 State Capacity II

3.84.1 Label:

statecapacity2_survey_e

3.84.2 Description:

Why the respondent thinks the state cannot fix a country-specific problem described by the enumerator.

3.84.3 Type:

Numeric, Multi-value

3.84.4 Values:

1 = Only due to lack of resources, 2 = Mostly due to lack of resources but also government's unwillingness, 3 = Mostly due to government's unwillingness to help, but also lack of resources, 4 = Only due to government's unwillingness to fix the issue, -998 = Item not applicable to respondent (statecapacity1_survey_e = 1), -997 Don't know/Can't Say

3.84.5 Missing Data:

-999 = No response recorded / Refused to Answer

3.84.6 Source:

Survey

3.84.7 Survey Question or Criterion:

If the government did not end up fixing the streets that were damaged by weather, do you think it would be because the government lacks the necessary resources or personnel, or is it instead mostly because it is unwilling to take action on issues like this? [probe to establish strength and assign]: (1) It would only be due to lack of resources; (2) It is mostly due to lack of resources, but they are also unwilling; (3) It is mostly due to unwillingness to help, but they also lack resources; (4) It would only be due to a lack of government willingness to fix the issue.

3.84.8 Comments and Notes:

Responses are only solicited if the respondent said "No" in statecapacity1_survey_e. If the respondent said "Yes" (i.e. statecapacity1_survey_e = 1), code the response as -998.

3.85 Trust in Government (Community Leaders)

3.85.1 Label:

`trust1_survey_e`

3.85.2 Description:

Measures the respondent's trust in community leaders

3.85.3 Type:

Numeric, Four-point scale

3.85.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

3.85.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

3.85.6 Source:

Survey

3.85.7 Survey Question or Criterion:

Trust in community leaders was not asked due to security concerns (neighborhood associations are fronts for paramilitary militias in most of the neighborhoods we operated in. Variable was created, but all observations were coded as -999.

3.85.8 Comments and Notes:

3.86 Trust in Government (President or National Government)

3.86.1 Label:

`trust2_survey_e`

3.86.2 Description:

Measures the respondent's trust in the president or national government.

3.86.3 Type:

Numeric, Four-point scale

3.86.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

3.86.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

3.86.6 Source:

Survey

3.86.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

3.86.8 Comments and Notes:

3.87 Trust in Government (Governor or Provincial Government)

3.87.1 Label:

`trust3_survey_e`

3.87.2 Description:

Measures the respondent's trust in the governor or provincial government.

3.87.3 Type:

Numeric, Four-point scale

3.87.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

3.87.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

3.87.6 Source:

Survey

3.87.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

3.87.8 Comments and Notes:

3.88 Trust in Government (City Government)

3.88.1 Label:

`trust4_survey_e`

3.88.2 Description:

Measures the respondent's trust in the city government or local government area.

3.88.3 Type:

Numeric, Four-point scale

3.88.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

3.88.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

3.88.6 Source:

Survey

3.88.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

3.88.8 Comments and Notes:

3.89 Trust in Government (NGOs)

3.89.1 Label:

`trust5_survey_e`

3.89.2 Description:

Measures the respondent's trust in NGOs or other civic organizations.

3.89.3 Type:

Numeric, Four-point scale

3.89.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

3.89.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

3.89.6 Source:

Survey

3.89.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

3.89.8 Comments and Notes:

3.90 Trust in Government (Tax Ministry)

3.90.1 Label:

`trust6_survey_e`

3.90.2 Description:

Measures the respondent's trust in the tax ministry [as identified by the local team]

3.90.3 Type:

Numeric, Four-point scale

3.90.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

3.90.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

3.90.6 Source:

Survey

3.90.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

3.90.8 Comments and Notes:

3.91 Trust in Government (Research Organization)

3.91.1 Label:

`trust7_survey_e`

3.91.2 Description:

Measures the respondent's trust in foreign research organizations.

3.91.3 Type:

Numeric, Four-point scale

3.91.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

3.91.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

3.91.6 Source:

Survey

3.91.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

3.91.8 Comments and Notes:

We failed to mention "foreign" in our questionnaire. Our question simply stated "research institutions"

3.92 Trust in Government (Sebrae)

3.92.1 Label:

`trust_other1_survey_e`

3.92.2 Description:

Measures the respondent's trust in some organization relevant to the study (Sebrae), and included in the questionnaire.

3.92.3 Type:

Numeric, Four-point scale

3.92.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

3.92.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

3.92.6 Source:

Survey

3.92.7 Survey Question or Criterion:

I am going to name a number of organizations. In a scale of 1 to 4 (where 1 is no trust at all, and 4 is a great deal of trust), for each one could you tell me how much trust you have in them?

3.92.8 Comments and Notes:

Entity evaluated is Sebrae, the paralegal support service for small firms.

3.93 Trust in Government (INSS)

3.93.1 Label:

`trust_other2_survey_e`

3.93.2 Description:

Measures the respondent's trust in some organization relevant to the study (INSS), and included in the questionnaire.

3.93.3 Type:

Numeric, Four-point scale

3.93.4 Values:

`1` = No trust at all, `2` = Some trust, `3` = Trust, `4` = Great deal of trust, `-997` = Don't know / Can't say

3.93.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

3.93.6 Source:

Survey

3.93.7 Survey Question or Criterion:

Entity evaluated is INSS, the social security administration

3.94 Perceptions of Public Corruption

3.94.1 Label:

`corruption_survey_e`

3.94.2 Description:

What portion of a $1000 government authority's budget is likely to stolen or wasted?

3.94.3 Type:

Numeric

3.94.4 Values:

Any integer in the interval `[0,100]`, or `-997` = Don't know / Can't say

3.94.5 Missing Data:

`-999` = No response recorded / Refuse to Answer

3.94.6 Source:

Survey

3.94.7 Survey Question or Criterion:

Now I would like to ask you what you think the provincial government will do with the money it receives from property taxes. Imagine that the provincial government of Kasai Central receives $1000 thanks to this campaign. How much of this money will be used to provide services to all its constituents? And, how much will be stolen or wasted by public officials?

3.94.8 Comments and Notes:

Note that "Don't know / Can't say" and missing data are coded differently in this question, since the variable ordinarily takes values of `-999` and `-997`. Also note that the data set should **only include the percentage the respondent thinks will be stolen or wasted by public officials (call this x)**. Please do **not** include the percentage the respondent thinks will be used to provide services. We assume this percentage is $100 - x$. Please notify the committee if this is not the case, and you encountered some implementation failure.

3.95 Benefits of Formalization

3.95.1 Label:

`benefit_formalize_survey_e`

3.95.2 Description:

To what extent the subjects feel they have benefited from formalization.

3.95.3 Type:

Multi-value, four-point scale

3.95.4 Values:

`1` = No benefit at all, `2` = Not much benefit, `3` = Some benefit, `4` = Benefit a lot, `-997` Don't know/Can't Say

3.95.5 Missing Data:

`-999` = No response recorded

3.95.6 Source:

Survey

3.95.7 Survey Question or Criterion:

Each country-team will have their own measure for this outcome. For example, the harmonization document gives the following example: Currently, due to being an informal business, on a scale of 1 to 4 (where 1 means very limited and 4 means not limited at all) how much do you feel: (i) limited to buy from suppliers you would like to buy from? (ii) limited to sell your products to clients you would like to sell to? (iii) limited to get a credit for your business from a bank?

3.95.8 Comments and Notes:

We aggregated the three subindices by averaging across the three components for each respondent, and recoding answers into a four point scale as requested by the Steering Committee.

3.96 Support for Ruling Party

3.96.1 Label:

`rulingparty_survey_e`

3.96.2 Description:

How do respondents evaluate the performance of the national incumbent.

3.96.3 Type:

Numeric, Multi Value

3.96.4 Values:

`-2` = Very Bad, `-1` = Bad, `1` = Good, `2` = Very Good, `-997` = Don't know/ Can't say

3.96.5 Missing Data:

`-999` = No response recorded

3.96.6 Source:

Survey

3.96.7 Survey Question or Criterion:

On a scale from 1 (very bad) to 4 (very good) how do you evaluate the work of the [incumbent party or presidential candidate]?

3.96.8 Comments and Notes:

Respondents see a 1-4 scale, which has been re-coded as a -2 to +2 scale. Please make the necessary changes when coding this variable.

4 Brazil Specific Variables

These variables are part of the Brazil-specific analysis

4.1 Fraud

4.1.1 Label:

`fraud`

4.1.2 Description:

Indicator for fraudulent survey response

4.1.3 Type:

Ordinal

4.1.4 Values:

`0=no fraud; 1=baseline data compromised; 2=baseline and endline compromised`

4.1.5 Missing Data:

4.1.6 Source:

Survey

4.1.7 Survey Question or Criterion:

4.1.8 Comments and Notes:

Variable was coded independently from the attrition variable. Most fraudulent cases were identified early in the dispensation of treatment phase, but a few were identified at baseline. For those coded as (2), baseline data was converted to missing and endline data was not obtained. For those coded as (1), baseline data was recoded to missing, but endline data is valid.

4.2 Adminsitrative Attrition

4.2.1 Label:

`attrition_admin`

4.2.2 Description:

Indicator for cases for which it was not possible to obtain administrative data on outcome variables

4.2.3 Type:

Binary

4.2.4 Values:

`0=data was obtained;1=data was not obtained`

4.2.5 Missing Data:

`-999`

4.2.6 Source:

Admin data

4.2.7 Survey Question or Criterion:

Whether we were able to obtain administrative outcome data

4.2.8 Comments and Notes:

This form of attrition is independent of not being part of the endline survey.

4.3 Ineligibility for Study

4.3.1 Label:

`ineligible`

4.3.2 Description:

Indicator for cases for which it was determined ex-post that the individual was already formalized at the time of baseline, and therefore no eligible for the study.

4.3.3 Type:

Binary

4.3.4 Values:

`0=eligible;1=ineligible`

4.3.5 Missing Data:

`-999`

4.3.6 Source:

Admin data

4.3.7 Survey Question or Criterion:

4.3.8 Comments and Notes:

In principle, only informal (at baseline) entrepreneurs were eligible for the study. However, after baseline we identified a number of participants who had mistakenly reported being informal. Some of these were identified during the dispensation of treatment. Others were identified at the endline survey. Finally, some cases were identified when collecting administrative data for the outcome variable.

4.4 Formalization as MEI

4.4.1 Label:

formalizeall_admin_e

4.4.2 Description:

Respondent completes the formalization process as any type of corportation, not only MEI

4.4.3 Type:

Numeric, Binary

4.4.4 Values:

0 = Did not complete formalization process; 1 = Successfully completed formalization process

4.4.5 Missing Data:

-999 = No response recorded

4.4.6 Source:

Administrative

4.4.7 Survey Question or Criterion:

This includes those who scored 1 on formalize_admin_e, plus a few others that formalized under different categories.

4.4.8 Comments and Notes:

4.5 Tax Compliance with MEI contribution (alternative measure)

4.5.1 Label:

`bolsafamilia_admin_b`

4.5.2 Description:

Indicator for whether the individual was found in th Rio de Janeiro roll of bolsa familia beneficiaries in 2016

4.5.3 Type:

Numeric

4.5.4 Values:

$[0, 1]$

4.5.5 Missing Data:

`-999` = Missing data

4.5.6 Source:

Administrative

4.5.7 Survey Question or Criterion:

4.5.8 Comments and Notes:

Based on the CadUnico for the city of Rio de Janeiro, 2016

4.6 Bolsa Fam¬íliaParticipation

4.6.1 Label:

`age_survey_b`

4.6.2 Description:

Age on December 31 2017

4.6.3 Type:

Numeric, continuous

4.6.4 Values:

`[15.4,78.5]`

4.6.5 Missing Data:

`-999` = No response recorded

4.6.6 Source:

Survey

4.6.7 Survey Question or Criterion:

Based on Date of Birth

4.6.8 Comments and Notes:

4.7 Age

4.7.1 Label:

`age_survey_b`

4.7.2 Description:

Age on December 31 2017

4.7.3 Type:

Numeric, continuous

4.7.4 Values:

`[15.4,78.5]`

4.7.5 Missing Data:

`-999` = No response recorded

4.7.6 Source:

Survey

4.7.7 Survey Question or Criterion:

Based on Date of Birth

4.7.8 Comments and Notes:

4.8 Years of Schooling

4.8.1 Label:

`schooling_survey_b`

4.8.2 Description:

Approximate years of schooling

4.8.3 Type:

Numeric, Multi-value

4.8.4 Values:

`0,4.5,9,10.5,12, 14, 16, 17, 18`

4.8.5 Missing Data:

`-999` = No response recorded

4.8.6 Source:

Survey

4.8.7 Survey Question or Criterion:

What is the highest level of education you have attained?

4.8.8 Comments and Notes:

We approximated the number of years of schooling based on the answers to the survey question

4.9 High School Completion

4.9.1 Label:

`highschool_survey_b`

4.9.2 Description:

Whether respondent finished high-school

4.9.3 Type:

Binary

4.9.4 Values:

`0` = Did not complete high school, `1` = Completed high-school

4.9.5 Missing Data:

`-999` = No response recorded

4.9.6 Source:

Survey

4.9.7 Survey Question or Criterion:

What is the highest level of education you have attained?

4.9.8 Comments and Notes:

4.10 Putative Functional Literacy

4.10.1 Label:

`literacy_survey_b`

4.10.2 Description:

Whether respondent is likely funcitonally literate

4.10.3 Type:

Binary

4.10.4 Values:

`0` = Not literate, `1` = Literate

4.10.5 Missing Data:

`-999` = No response recorded

4.10.6 Source:

Survey

4.10.7 Survey Question or Criterion:

What is the highest level of education you have attained?

4.10.8 Comments and Notes:

We coded those with incomplete primary education or less as not likely functionally literate. All others are likely literate.

4.11 Intent to Formalize at Baseline

4.11.1 Label:

`intenttoformalize_survey_b`

4.11.2 Description:

Whether the individual considered formalizing the business at baseline

4.11.3 Type:

Binary

4.11.4 Values:

`(0) = Did not consider formalizing; (1) = Considered formalizing`

4.11.5 Missing Data:

`-999`

4.11.6 Source:

Baseline Survey

4.11.7 Survey Question or Criterion:

This variable was coded from a survey question that read "In the last 6 months, did you consider formalizing your business?"

4.11.8 Comments and Notes:

4.12 Expectations About Time to Formalize as a MEI

4.12.1 Label:

`expect_fast_b`

4.12.2 Description:

Whether the individual thought formalizing as a MEI would be a fast process

4.12.3 Type:

Binary

4.12.4 Values:

`(0) = Not fast (slow or lenghyh); (1) = Fast`

4.12.5 Missing Data:

`-999`

4.12.6 Source:

Baseline Survey

4.12.7 Survey Question or Criterion:

This variable was coded from a survey question that read "Imagine that you wanted to formalize your business. Do you think te process would be..."

4.12.8 Comments and Notes:

4.13 Expectations About Cost of Formalizing as a MEI

4.13.1 Label:

`expect_cost_b`

4.13.2 Description:

How much monthly taxes a MEI should pay

4.13.3 Type:

Numeric

4.13.4 Values:

$[0, 50000]$

4.13.5 Missing Data:

`-999`

4.13.6 Source:

Baseline Survey

4.13.7 Survey Question or Criterion:

This variable was coded from a survey question that read "Imagine that you wanted to formalize your business. How much do you think you would be *a month* in taxes?"

4.13.8 Comments and Notes:

Correct value at the time ranged between R$ 48,70 and R$ 53,70

4.14 Why Formalize?

4.14.1 Label:

`quali_whyformalize_b`

4.14.2 Description:

Reasons for having considered formalizing

4.14.3 Type:

Text

4.14.4 Values:

Open question

4.14.5 Missing Data:

`-999`

4.14.6 Source:

Baseline Survey

4.14.7 Survey Question or Criterion:

What was the main reason you considered formalizing?"

4.14.8 Comments and Notes:

Answers were recorded and written in by a research assistant at a later date

4.15 Why Hasn't Formalized Yet?

4.15.1 Label:

quali_whynot_b

4.15.2 Description:

Reasons for having not yet formalized

4.15.3 Type:

Text

4.15.4 Values:

Open question

4.15.5 Missing Data:

-999

4.15.6 Source:

Baseline Survey

4.15.7 Survey Question or Criterion:

What was the main reason for not having formalized?"

4.15.8 Comments and Notes:

Answers were recorded and written in by a research assistant at a later date.

4.16 Income Bracket

4.16.1 Label:

`incomebracket_survey_b`

4.16.2 Description:

Family income measured in brackets of minimum wages.

4.16.3 Type:

Ordinal

4.16.4 Values:

Integers $\in [1, 8]$

4.16.5 Missing Data:

`-999` = No response recorded

4.16.6 Source:

Survey

4.16.7 Survey Question or Criterion:

Combines responses to a direct question about family income and another alternative question that offered brackets of family income as response options

4.16.8 Comments and Notes:

Brackets are ...

4.17 Race

4.17.1 Label:

`white_b`

4.17.2 Description:

Race, measured by self reported skin color

4.17.3 Type:

Categorical

4.17.4 Values:

`0=non-white, 1=white`

4.17.5 Missing Data:

`-999` = No response recorded

4.17.6 Source:

Survey

4.17.7 Comments and Notes:

Non-white category is a combination of black, brown, yellow and other response categories.

4.18 Business Type

4.18.1 Label:

`bustype_b`

4.18.2 Description:

Business type

4.18.3 Type:

Categorical

4.18.4 Values:

1=fixed store (with store front); 0=all others,

4.18.5 Missing Data:

`-999` = No response recorded

4.18.6 Source:

Survey

4.18.7 Comments and Notes:

0 includes street vendors with a fixed stall and mobile street vendors ("ambulantes")

4.19 Business Size

4.19.1 Label:

`bussize_b`

4.19.2 Description:

Business size, in number of employees

4.19.3 Type:

Categorical

4.19.4 Values:

1=had some employee over the past year; 0=otherwise,

4.19.5 Missing Data:

`-999` = No response recorded

4.19.6 Source:

Survey

4.20 Business Sector

4.20.1 Label:

`bussector_b`

4.20.2 Description:

Main sector of activity of the entrepreneur

4.20.3 Type:

Categorical

4.20.4 Values:

1=commerce of goods; 2=services; 3=other

4.20.5 Missing Data:

`-999` = No response recorded

4.20.6 Source:

Survey

4.21 Self Esteem

4.21.1 Label:

`rses_b`

4.21.2 Description:

Rosenberg Self Esteem Scale: Additive index.

4.21.3 Type:

Numeric

4.21.4 Values:

Integers in the $[0, 28]$ range.

4.21.5 Missing Data:

`-999` = No response recorded

4.21.6 Source:

Survey

4.21.7 Survey Question or Criterion:

The seven components of the index are a subset of Rosenberg's ten components, validated for the Portuguese language by previous studies, each of which was answered on a 5 point agreement scale $[0, 4]$. Each component inquired about different aspects of self esteem.

4.21.8 Comments and Notes:

After correcting the polarization of "reversed" items (per the original instrument), the components are simply added to produce the RSES.

4.22 Life Satisfaction

4.22.1 Label:

`life_b`

4.22.2 Description:

Life satisfaction index computed as the PWI scale

4.22.3 Type:

Numeric

4.22.4 Values:

Standardized ($\mu = 0$,$\sigma = 1$)

4.22.5 Missing Data:

`-999` = No response recorded

4.22.6 Source:

Survey

4.22.7 Survey Question or Criterion:

The five components of the index were collected in the baseline survey and inquired about overall life satisfaction and life satisfaction in specific domains

4.22.8 Comments and Notes:

The index was computed by adding each standardized component, and standardizing the result again after the summation. Item non response for the components was dealt with by imputing the modal response.

4.23 Interpersonal Trust

4.23.1 Label:

`intpertrust_b`

4.23.2 Description:

Interpersonal trust index

4.23.3 Type:

Numeric

4.23.4 Values:

Standardized ($\mu = 0$,$\sigma = 1$)

4.23.5 Missing Data:

`-999` = No response recorded

4.23.6 Source:

Survey

4.23.7 Survey Question or Criterion:

Based on four components that inquired about trust in others

4.23.8 Comments and Notes:

The index was computed by adding each standardized component, and standardizing the result again after the summation. Item non response for the components was dealt with by imputing the modal response.

4.24 Entrepreneurial Commitment

4.24.1 Label:

entrep_commitment

4.24.2 Description:

Higher values indicate that individual is a committed entrepreneur, lower values that the enterprise is simply a stopgap measure

4.24.3 Type:

Ordinal

4.24.4 Values:

-2=would not accept a steady job offer; -1=would accept a steady job 1,2; -997 = don't know;

4.24.5 Missing Data:

-999 = No response recorded

4.24.6 Source:

Survey

4.24.7 Survey Question or Criterion:

4.24.8 Comments and Notes:

4.25 Entrepreneurial Commitment

4.25.1 Label:

`entrep_commitment`

4.25.2 Description:

Higher values indicate that individual is a committed entrepreneur, lower values that the enterprise is simply a stopgap measure

4.25.3 Type:

Ordinal

4.25.4 Values:

`-2=would not accept a steady job offer; -1=would accept a steady job 1,2; -997 = don't know;`

4.25.5 Missing Data:

`-999` = No response recorded

4.25.6 Source:

Survey

4.25.7 Survey Question or Criterion:

4.25.8 Comments and Notes:

4.26 Entrepreneurial Motivation

4.26.1 Label:

`entrep_motivation`

4.26.2 Description:

Whether respondent opened their business motivated by entrepreneurship, or by necessity.

4.26.3 Type:

Binary

4.26.4 Values:

`0=non-entrepreneurial mativation;1=entrepreneurial motivation`

4.26.5 Missing Data:

`-999` = No response recorded

4.26.6 Source:

Survey

4.26.7 Survey Question or Criterion:

Answers to a survey question that asked respondents why they had started their business.

4.26.8 Comments and Notes:

The survey question had four substantive answer options and a residual "other" motivation that lead to a follow-up open ended question. We recoded "desire of independence" and "interest in learning a trade" as entrepreneurial motivations and "needed a source of income" and "couldn't find a job" as non-entrepreneurial. We also hand coded all "other" motivations into these two categories (double coded by two coders).

4.27 Entrepreneurial Dedication

4.27.1 Label:

`entrep_dedication`

4.27.2 Description:

Whether individuals are full time entrepreneurs

4.27.3 Type:

Categorical

4.27.4 Values:

`0=holds another job;1=does not have any other job,-997 don't know/doesn't apply`

4.27.5 Missing Data:

`-999` = No response recorded

4.27.6 Source:

Survey

4.27.7 Survey Question or Criterion:

Question asked whether individual held a job in addition to the enterprise

4.27.8 Comments and Notes:

4.28 Entrepreneurial Aspiration

4.28.1 Label:

`entrep_aspiration`

4.28.2 Description:

Whether individuals expectation from income as entrepreneur are high or low

4.28.3 Type:

Categorical

4.28.4 Values:

`0=expects low income from enterprise;1=expects high income from enterprise,-997 don't know`

4.28.5 Missing Data:

`-999` = No response recorded

4.28.6 Source:

Survey

4.28.7 Survey Question or Criterion:

Question asked the monthly income expected from the enterprise

4.28.8 Comments and Notes:

Expectations below the median were coded as low, and above the median as high. Median was 8,000 reais a month, which was just over US$2,000/month at the time.

4.29 Entrepreneurial Expectation

4.29.1 Label:

`entrep_expectation`

4.29.2 Description:

Whether individuals expectation from income as entrepreneur are high or low

4.29.3 Type:

Categorical

4.29.4 Values:

`0=expects low income from enterprise;1=expects high income from enterprise,-997 don't know`

4.29.5 Missing Data:

`-999` = No response recorded

4.29.6 Source:

Survey

4.29.7 Survey Question or Criterion:

Question asked the monthly income expected from the enterprise

4.29.8 Comments and Notes:

Expectations below the median were coded as low, and above the median as high. Median was 8,000 reais a month, which was just over US$2,000/month at the time.

4.30 Entrepreneurship Index

4.30.1 Label:

`entrepreneurship`

4.30.2 Description:

A standardize additive index of all variables that measure entrepreneuship (

4.30.3 Type:

Continuous, standardized ($\mu = 0$,$\sigma = 1$)

4.30.4 Values:

`0=expects low income from enterprise;1=expects high income from enterprise,-997 don't know`

4.30.5 Missing Data:

`-999` = No response recorded

4.30.6 Source:

Survey

4.30.7 Survey Question or Criterion:

Based on previous variables whose names begin with `entrep_`).

4.30.8 Comments and Notes:

The index was computed by adding each standardized component, and standardizing the result again after the summation. Item non response for the components was dealt with by imputing the modal response in the three categorical components and mean in the two continuous components.

4.31 Basic Knowledge About MEI Program

4.31.1 Label:

know_meigeneral_e

4.31.2 Description:

Whether respondent had a basic knowledge about the MEI program

4.31.3 Type:

Binary

4.31.4 Values:

0=no knowlege;1=at least some basic knowledge

4.31.5 Missing Data:

-999

4.31.6 Source:

Survey

4.31.7 Survey Question or Criterion:

Respondents were asked an open question about MEI, and enumerators coded on the fly (based on a few key-topics)

4.31.8 Comments and Notes:

4.32 Knowledge About Features of the MEI Program

4.32.1 Label:

know_meifeatures_e

4.32.2 Description:

The number of features of the MEI program that respondents self-reported knowing about

4.32.3 Type:

Numeric (count)

4.32.4 Values:

N ∈ [0,6]

4.32.5 Missing Data:

-999

4.32.6 Source:

Endline Survey

4.32.7 Survey Question or Criterion:

Respondents were asked an open question about MEI, and enumerators coded on the fly (based on a few key-topics)

4.32.8 Comments and Notes:

4.33 Managerial Style

4.33.1 Label:

`managerialstyle_b`

4.33.2 Description:

Managerial style

4.33.3 Type:

Numeric

4.33.4 Values:

Standardized ($\mu = 0$,$\sigma = 1$)

4.33.5 Missing Data:

`-999` = No response recorded

4.33.6 Source:

Baseline survey

4.33.7 Survey Question or Criterion:

The index is based on five components that measure how the subject likes to run the business, and the extent to which the success of the business depends on the manager

4.33.8 Comments and Notes:

The index was computed by adding each standardized component, and standardizing the result again after the summation. Item non response for the components was dealt with by imputing the modal response.

4.34 Identification with the PT

4.34.1 Label:

ptID_b

4.34.2 Description:

Party identification with the PT

4.34.3 Type:

Categorical

4.34.4 Values:

-1=negatively identified with the PT; 0=neither positively or negatively identified; 1=identified with the PT, -998=don't know or both positive and negatively identified

4.34.5 Missing Data:

-999 = No response recorded

4.34.6 Source:

Baseline survey

4.34.7 Survey Question or Criterion:

4.34.8 Comments and Notes:

Those identified (positively or negatively) with any other party or who did not identify with any party were coded as 0.

4.35 Attitudes Towards Lula 1

4.35.1 Label:

lula1_b

4.35.2 Description:

Respondents perceptions about Lula's performance as president

4.35.3 Type:

Categorical

4.35.4 Values:

-2=very bad; -1=bad; 1=good; 2=very good; -997=don't know

4.35.5 Missing Data:

-999 = No response recorded

4.35.6 Source:

Baseline survey

4.35.7 Survey Question or Criterion:

4.35.8 Comments and Notes:

4.36 Attitudes Towards Lula 2

4.36.1 Label:

lula2_b

4.36.2 Description:

Whether respondent would vote for Lula in a hypothetical election against Temer

4.36.3 Type:

Categorical

4.36.4 Values:

0=would vote for Temer or would not vote; 1=would vote for lula; -997 = don't know;

4.36.5 Missing Data:

-999 = No response recorded

4.36.6 Source:

Baseline survey

4.36.7 Survey Question or Criterion:

4.36.8 Comments and Notes:

4.37 Index of Attitudes Towards Lula and the PT

4.37.1 Label:

`index_lulapt_b`

4.37.2 Description:

Additive standardized score combining the three previous variables, with higher values indicating positive attitudes

4.37.3 Type:

Continuous

4.37.4 Values:

4.37.5 Missing Data:

`-999` = No response recorded

4.37.6 Source:

Baseline survey

4.37.7 Survey Question or Criterion:

4.37.8 Comments and Notes:

Item non-response was imputed based on values on the observed items.

4.38 Social Media Group

4.38.1 Label:

`wapp_group`

4.38.2 Description:

Indicator for social media treatment sub-group in which the individuals assigned to T3 were placed

4.38.3 Type:

Categorical

4.38.4 Values:

`101, 102, 103, 200, 300, 400, 500, 600, 701, 702, 800`

4.38.5 Missing Data:

`-999` = No response recorded

4.38.6 Source:

Field records/Direct observation

4.38.7 Survey Question or Criterion:

4.38.8 Comments and Notes:

Individuals assigned to the social media arm (T3) were included in Whatsapp groups/lists to discuss issues related to formalization. For practical reasons, groups were capped at 10 individuals, so participants were assigned to different groups.

4.39 Intensity of Social Media Group Interactions

4.39.1 Label:

`wapp_groupintensity`

4.39.2 Description:

Measures how active the Whatsapp group of individuals

4.39.3 Type:

Ordinal

4.39.4 Values:

`-1=low intensity, 1=high intensity`

4.39.5 Missing Data:

`-999` = No response recorded

4.39.6 Source:

Field records/Direct observation

4.39.7 Survey Question or Criterion:

4.39.8 Comments and Notes:

4.40 Treatment for Treatment Arm 3 (T3) was dispensed

4.40.1 Label:

D2

4.40.2 Description:

Indicates that individuals were added to a Whatsapp group to discuss formalization

4.40.3 Type:

Binary

4.40.4 Values:

0=not connected, 1=connected

4.40.5 Missing Data:

4.40.6 Source:

Field records/Direct observation

4.40.7 Survey Question or Criterion:

Whether the research team successfully added the respondents' phone number to one of the Whatsapp groups for T3

4.40.8 Comments and Notes:

Individuals assigned to T3 who were not connected through Whatsapp are considered as non-compliers for the treatment arm. Individuals assigned to other conditions other than T3 are also coded as zero, but for them the coding is irrelevant.

4.41 Intensity of Social Media Group Interactions

4.41.1 Label:

`wapp_indivintensity`

4.41.2 Description:

Measures how actives individuals were in initiating contact with the online consultants

4.41.3 Type:

Ordinal

4.41.4 Values:

`-1`=low intensity, `1`=high intensity

4.41.5 Missing Data:

`-999` = No response recorded

4.41.6 Source:

Field records/Direct observation

4.41.7 Survey Question or Criterion:

4.41.8 Comments and Notes:

Individuals assigned to T2 were allowed to initiate contact with the team.

4.42 Treatment for Treatment Arm 2 (T2) was dispensed

4.42.1 Label:

`D2`

4.42.2 Description:

Indicates that individuals were connected individually through Whatsapp

4.42.3 Type:

Binary

4.42.4 Values:

`0=not connected, 1=connected`

4.42.5 Missing Data:

4.42.6 Source:

Field records/Direct observation

4.42.7 Survey Question or Criterion:

Whether the research team successfully added the respondents' phone number to the projects Whatsapp account.

4.42.8 Comments and Notes:

Individuals assigned to T2 who were not connected through Whatsapp are considered as non-compliers for the treatment arm. Individuals assigned to other conditions other than T2 are also coded as zero, but for them the coding is irrelevant.

4.43 Closed Business

4.43.1 Label:

`closedbusiness_survey_e`

4.43.2 Description:

Whether business was closed at the time of endline

4.43.3 Type:

Categorical

4.43.4 Values:

`0=business was not closed;1=business is closed`

4.43.5 Missing Data:

`-999` = No response recorded

4.43.6 Source:

Survey/direct observation

4.43.7 Survey Question or Criterion:

Question was asked to those interviewed, but in some cases it was coded from direct observation of enumerators even when it was not possible to interview the individual.

4.43.8 Comments and Notes:

4.44 Income

4.44.1 Label:

`income_survey_e`

4.44.2 Description:

Income at endline

4.44.3 Type:

Continuous

4.44.4 Values:

$[0, 5124.26]$

4.44.5 Missing Data:

`-999` = No response recorded

4.44.6 Source:

Survey question

4.44.7 Survey Question or Criterion:

Question was asked to those interviewed, but in some cases it was coded from direct observation of enumerators even when it was not possible to interview the individual.

4.44.8 Comments and Notes:

Reais converted to U.S. Dollars by the XR of 2018-12-21: 1 Dollar = R$ 3.903

4.45 Business Revenues

4.45.1 Label:

`revenue_survey_e`

4.45.2 Description:

Total revenues from business in year

4.45.3 Type:

Continuous

4.45.4 Values:

$[0, 5124.26]$

4.45.5 Missing Data:

`-999` = No response recorded

4.45.6 Source:

Survey question

4.45.7 Survey Question or Criterion:

4.45.8 Comments and Notes:

Declared revenues were winsorized at the 99^{th} percentile

4.46 Business Expenditures

4.46.1 Label:

`expenditure_survey_e`

4.46.2 Description:

Total expenditures from business in year

4.46.3 Type:

Continuous

4.46.4 Values:

$[0, 21320]$

4.46.5 Missing Data:

`-999` = No response recorded

4.46.6 Source:

Survey question

4.46.7 Survey Question or Criterion:

4.46.8 Comments and Notes:

Declared expenditures were winsorized at the 99^{th} percentile

4.47 Profits from Business

4.47.1 Label:

`profitcomputed_survey_e`

4.47.2 Description:

Profits computed from revenues and expenditures

4.47.3 Type:

Continuous

4.47.4 Values:

$[0, 5124.26]$

4.47.5 Missing Data:

`-999` = No response recorded

4.47.6 Source:

Survey question

4.47.7 Survey Question or Criterion:

Variable was coded

4.47.8 Comments and Notes:

Reais converted to U.S. Dollars by the XR of 2018-12-21: 1 Dollar = R$ 3.903

4.48 Change in Profits

4.48.1 Label:

`profitchange_survey_e`

4.48.2 Description:

Declared change in profits over past year

4.48.3 Type:

Categorical

4.48.4 Values:

`-1=profits decreased;0=profits remained the same,1=profits increased,`
`-997=Don't know`

4.48.5 Missing Data:

`-999` = No response recorded

4.48.6 Source:

Survey question

4.48.7 Survey Question or Criterion:

Variable based exclusively on declared perceptions of the interviewed

4.49 Treatment Indicator for List Experiment A

4.49.1 Label:

`TA`

4.49.2 Description:

Indicates whether individual was assigned to the treatment condition in the version A of the list experiment (i.e. list with the sensitive item)

4.49.3 Type:

Binary

4.49.4 Values:

`0=control condition; 1= treatment condition`

4.49.5 Missing Data:

4.49.6 Source:

Survey

4.49.7 Survey Question or Criterion:

4.49.8 Comments and Notes:

Randomization for the list experiment was carried out "on the fly", and independently from randomization for other treatment arm. List experiment was placed at the very end of the endline survey.

4.50 Treatment Indicator for List Experiment B

4.50.1 Label:

`TA`

4.50.2 Description:

Indicates whether individual was assigned to the treatment condition in the version B of the list experiment (i.e. list with the sensitive item)

4.50.3 Type:

Binary

4.50.4 Values:

`0=control condition; 1= treatment condition`

4.50.5 Missing Data:

4.50.6 Source:

Survey

4.50.7 Survey Question or Criterion:

4.50.8 Comments and Notes:

Randomization for the list experiment was carried out "on the fly", and independently from randomization for other treatment arm. List experiment was placed at the very end of the endline survey.

4.51 Main Outcome/Response in List Experiment A

4.51.1 Label:

`outA`

4.51.2 Description:

Indicates the answer given by respondents to the question about the number of items they typically pay

4.51.3 Type:

Numeric

4.51.4 Values:

Integers $\in [0, 5]$

4.51.5 Missing Data:

`-999`

4.51.6 Source:

Survey

4.51.7 Survey Question or Criterion:

Question presented individuals with a list of four or five items, and inquired how many they paid in the last month

4.51.8 Comments and Notes:

4.52 Main Outcome/Response in List Experiment B

4.52.1 Label:

`outA`

4.52.2 Description:

Indicates the answer given by respondents to the question about the number of items they typically pay

4.52.3 Type:

Numeric

4.52.4 Values:

Integers $\in [0, 5]$

4.52.5 Missing Data:

`-999`

4.52.6 Source:

Survey

4.52.7 Survey Question or Criterion:

Question presented individuals with a list of four or five items, and inquired how many they paid in the last month

4.52.8 Comments and Notes:

4.53 Neighborhood

4.53.1 Label:

`nhood`

4.53.2 Description:

Variable that indicated the georgraphic area in which the individual was interviewed

4.53.3 Type:

Categorical

4.53.4 Values:

Integers $\in [1, 18]$

4.53.5 Missing Data:

4.53.6 Source:

Survey

4.53.7 Survey Question or Criterion:

4.53.8 Comments and Notes:

Code	Name
1	Area da Creche (Curicica)
2	Areal
3	Areinha
5	Rio das Pedras (Centro)
6	Cesar Maia
8	Gardenia Azul
9	Guaratiba
10	Mont Serrat
11	Morro do Banco
12	Nova Sepetiba
13	Pechincha
14	Pinheiros
15	Renascer de Jacarepagua
16	Sepetiba
17	Terreirao
18	Tijuquinha

4.54 Strength of *Milicias*

4.54.1 Label:

`militia`

4.54.2 Description:

Variable that indicated the ostensive strength of paramilitary *mil¬ícias in the neighborhood*

4.54.3 Type:

Ordered

4.54.4 Values:

0=Weak,1=Moderate, or 2=Strong

4.54.5 Missing Data:

4.54.6 Source:

Direct observation and field records

4.54.7 Survey Question or Criterion:

Weak means no ostensive mil¬ícia presence. Moderate means that some subjects reported mil¬ícia presence and/o

4.54.8 Comments and Notes:

The description of each neighborhood was assembled by the field team. Researchers coded each neighborhood based on these original records that were incorporated into the context description document.