In red are variable names corresponding to the dataset

~~Struckthrough~~ variables are redacted in the replication data to protect identifying information.

Management Skills Survey

Oral consent

"I am (name) from Innovations for Poverty Action, an NGO in Freetown. We are holding interviews to determine the effectiveness of government programs in this area, as part of a research project. Do you have time to talk with me for about 30 minutes? All answers will be kept private. We would appreciate hearing your opinions, but participation in this survey is voluntary and there is no need to answer any question. I will ask you detailed questions about your role in development projects in your community. Please note that this questionnaire will have no effect on the amount of assistance given to your community, nor to your family. If you wish to stop the survey at any time, you may do so. This is a minimal risk study. We cannot promise that you will receive any benefits from participating in this study. If you have any questions, or if problems arise, please contact IPA at 076495357. May we have your permission to ask these questions, and would you be willing to participate?"

Mi na (name) ar dey wok wit Innovations for Poverty Action, wey na NGO insai Friton. Wi cam na ya, for tok wid u bot di woke dem, wey di gofment bin don dey du, na dis una ehriya. Dis woke wey wi dey du go fenout for no, if den woke ya, wey di gofment bin don dey put an pan na dis una ehriya bin gobifo or bete. U go get tem for tok to mi for jess 30 minutes? Ol u ansa dem, wey u go gee mi, pan di queshon dem, wey ar go aks u, wi nor go tok am to oda posin wey nor joyn pan dis woke, bot wi go kip am secrit. Ar go gladi en tell u plenti-plenti tenki for wey u gree for tok to mi. Bot ar go want mek u no sey, no bodi nor dey foss u for joyn mi for du dis woke. Ar get for aks u queshon dem, for mek u tel mi bot ol den project dem wey una bin don dey du for mek u cominity gobifo/bete. Wi nor dey promis u sey, bete go cam for u or u ton or to u fambul dem, becos u joyn an for do dis woke wit wi. Dis fenout woke we wi de du, nor get for amborg u, or bi sababu for mek u go sofer. Wi nor get natin for gee u, or promise u sey bete go kam for u nomore, or u fambul dem, if u gree for du dis woke wit wi. If u get dout or get queshon dem for aks for no mor bot wi ofis or evin get problem wit wetin ar go tok bot, na for kal dis wi IPA number wey na 076495357. U go gree for mek ar tok to you en aks u den queshon dem wey ar want for aks?

Continue with the interview only if the respondent gives his or her consent.

Enumerator: Sign below only if the respondent gives his or her consent

Enumerator Name: _____

Enumerator Signature: _____

Date and Time of Interview: _____

A0. Survey start/end time |___|___|___|/|___|___|___|

A1. Enumerator ID / name |___|___|___| / _____

A2. Village Name ~~(a3)~~ _____ **A3.** Village Code (id_vill) |___|___|___|

A4. Chiefdom Name ~~(a2)~~_____ **A5.** Chiefdom Code (a5) |___|___|___|___|

A6. Section Name (a11) _____

A8. District Name (a1) _____

A10. Date of Survey ~~(a8)~~ (DD/MM/YY) |___|___|/|___|___|/|___|___|___|___|

I. Demographics and other

1. Respondent Surname ~~(s1_1)~~:_____
2. Respondent First Name ~~(s1_2)~~:_____
3. Respondent age (years) (s1_3): |___|___|___|
4. Gender (s1_4): |___|
   1 = Male, 2 = Female
5. Contact phone number ~~(s1_5)~~: |___|___|___| |___|___|___| |___|___|___|
6. Second contact phone number ~~(s1_6)~~: |___|___|___| |___|___|___| |___|___|___|
7. What is the highest class you completed in school? (s1_7): |___|___|
   Education codes. 00 = None, 10 = Nursery school/pre-primary, 11 = Primary 1, 12 = Primary 2, 13 = Primary 3, 14 = Primary 4, 15 = Primary 5, 16 = Primary 6, 17 = Primary 7 (old system), 21 = JSS 1 / Form 1, 22 = JSS 2 /Form 2, 23 = JSS 3 / Form 3, 24 = SSS 1 /Form 4, 25 = SSS 2 /Form 5, 26 = SSS 3 / Form 6, 31 = Technical Vocational, 32 = Teachers Training, 33 = Nursing, 34 = University (any year), 41 = Koranic
8. What is your primary occupation? (s1_8): |___|___|
   Occupation codes. 01 = Farming, 02 = Fishing, 03 = Mining / quarrying, 04 = Slaughtering / meat production, 05 = Logging / forestry, 11 = Spinning, weaving, tailoring, or dressmaking, 12 = Crafts (making baskets, furniture, pots, etc.), 13 = Construction, 15 = Driving, 16 = Trade work (carpenter, mechanic, blacksmith), 17 = Petty trading, 18 = Native doctor / other traditional position, 22 = Small business owner, 23 = Engineer, 24 = NGO worker, 25 = Government worker, 26 = Teacher, 27 = Health care worker, 28 = Clergy (Imam, Reverend, Pastor, etc), 66 = Other, 80 = Student, 81 = Too young to work, 82 = Too old to work, 88 = Unemployed
9. Are you related to the village headman? ~~(s1_9a)~~: |___|
   1 = yes, 2 = no
   →IF YES: 9A what is your relationship to the village headman? ~~(s1_9b/s1_9c)~~: |___|___|
   Relationship codes. 1 = spouse, 2 = son/daughter; 3 = sister/brother; 4 = nephew/niece; 5 = cousin; 6 = parent; 7 = in-law; 8 = grandchild; 10=other relative, specify_____
10. Are you related to the Section or Paramount chief? ~~(s1_10a)~~: |___|
    1 = yes, 2 = no

→IF YES: 10A what is your relationship to the section or paramount chief (if related to both, record relationship to section chief here)? ~~(s1_10b/s1_10c)~~: |___|___|

Relationship codes. 1 = spouse, 2 = son/daughter; 3 = sister/brother; 4 = nephew/niece; 5 = cousin; 6 = parent; 7 = in-law; 8 = grandchild; 10=other relative, specify_____

11. Are you a member of a ruling family? (s1_11): |___|
    1 = yes, 2 = no

12. Were you born in this village? (s1_12a): |___|
    1 = yes, 2 = no
    →IF NO: 12A How many years have you been living in this village? (s1_12b) |___|___|

13. What is your ethnicity? ~~(s1_13a):~~ |___|___|
    Ethnicity codes: 01 = Krio, 02 = Mende, 03 = Temne, 04 = Mandingo, 05 = Loko,0 6 = Sherbro, 07 = Limba, 08 = Kissi, 09 = Kono, 10 = Susu, 11 = Fullah, 14 = Koranko, 15 = Vai, 66 = Other, specify _____~~(s1_13b)~~

14. What languages do you speak fluently? (s1_14a/s1_14b)
    SPECIFY UP TO FOUR, RANK BY MOST FLUENT |___|___|; |___|___|; |___|___|; |___|___|
    Language codes: 01 = Krio, 02 = Mende, 03 = Temne, 04 = Mandingo, 05 = Loko, 06 = Sherbro, 07 = Limba, 08 = Kissi, 09 = Kono, 10 = Susu, 11 = Fullah, 14 = Koranko, 15 = Vai, 16 = English, 66 = Other, specify _____

II. Managerial experience and project costing **SCORING**

1. I would like to ask you about any small scale infrastructure projects you have participated in (like building a latrine or drying floor, or repairing the roof of the local school). Have you participated in any project like this in the past 4 years (use the 2012 Election as a time frame)? (s2_1): |___| __ (5p if yes)
   1 = yes, 2 = no (IF NO, skip to Q2)
   → **IF YES:**

   A. PROJECT 1: Please think of the project that you had the biggest role in (I will ask you about other ones later). When was the project you had the biggest role in? ~~(s2_1a)~~
      MM/YYYY: |___|___|/|___|___|___|___| *Enumerator*: Check date since 11/2012

   B. What was the project? (s2_1b):
      _____
      Enumerator: Verify project was infrastructure (if not, probe further)

   C. What was your role in the project? (s2_1c): |___| __ (5p if "1" and 3 p if "2")
      Role codes. 1 = In charge by self, 2 = In charge with others (i.e. part of a committee); 3 = Provided labor or other inputs only; 4 = Participated in project choice and planning only (not in charge)

   D. How many people working on this project were you directly in charge of? (s2_1d): |___|___| __ (3p if >5)
      Enumerator: have respondent list names of people that reported to the respondent, check that respondent was the boss of them, and tally the count yourself

   E. Have you been involved in any other infrastructure projects since 2012? (s2_1e) |___| __ (5p if yes)
      1 = yes, 2 = no (IF NO, skip to Q2)

→ **IF YES:**

F. PROJECT 2: Please think of the project that you had the next biggest role in. When was this project? ~~(s2_1f)~~
MM/YYYY: |___|___|/|___|___|___|___| *Enumerator*: Check date since 11/2012

G. What was the project?: (s2_1g)
_____
Enumerator: Verify project was infrastructure (if not, probe further)

H. What was your role in the project? (s2_1h): |___| __ (5p if "1" and 3 p if "2")
Role codes. 1 = In charge by self, 2 = In charge with others (i.e. part of a committee); 3 = Provided labor or other inputs only; 4 = Participated in project choice and planning only (not in charge)

I. How many people working on this project were you directly in charge of? (s2_1i): |___|___| __ (3p if >5)
Enumerator: have respondent list names of people that reported to the respondent, check that respondent was the boss of them, and tally the count yourself

SCORING: 5 points per project, 5 extra points per leadership role (or 3 if committee), 3 extra points for directly supervising 5+ others

2. Have you ever got other community members outside your household to work together on a project or community activity? Some examples are starting or organizing road brushing, starting or organizing a community farm or a new social club. Have you started or organized anything like this in the past 4 years (since the 2012 Election)? (s2_2): __ (3p if yes)
|___|
1 = yes, 2 = no (IF NO, skip to Q3)

→ **IF YES:**

A. ACTIVITY 1: Please think of the activity that you had the biggest role in (I will ask you about other ones later). When was the activity you had the biggest role in? ~~(s2_2a)~~
MM/YYYY: |___|___|/|___|___|___|___| *Enumerator*: Check date since 11/2012

B. What was the project or activity? (s2_2b)
_____ *Enumerator:* Verify that was communal effort (if not, probe further)

C. What was your role in the project? (s2_2c): |___| __ (3p if "1" and 1p if "2")
Role codes. 1 = In charge by self, 2 = In charge with others (i.e. part of a committee); 3 = Provided labor or other inputs only; 4 = Participated in project choice and planning only (not in charge)

D. How many people did you personally get to work on the activity? (s2_2d) __ (1p if >5)
|___|___|
Enumerator: have respondent list names of people involved and tally the count yourself

E. Have you been involved in any other community activities since 2012? (s2_2e) __ (3p if yes)
|___|
1 = yes, 2 = no (IF NO, skip to Q3)

→ **IF YES:**

F. ACTIVITY 2: Please think of the activity that you had the next biggest role in. When was this activity? ~~(s2_2f)~~
MM/YYYY: |___|___|/|___|___|___|___| *Enumerator*: Check date since 11/2012

G. What was the project or activity? (s2_2g)
_____ *Enumerator:* Verify that was communal effort (if not, probe further) __ (3p if "1" or 1 p if "2")

H. What was your role in the project? (s2_2h): |___|
Role codes. 1 = In charge by self, 2 = In charge with others (i.e. part of a committee); 3 = Provided labor or other inputs only; 4 = Participated in project choice and planning only (not in charge) __ (1p if >5)

I. How many people did you personally get to work on the activity? (s2_2i)
|___|___|
Enumerator: have respondent list names of people involved and tally the count yourself

3. You heard in the meeting earlier today about the project challenge competition. What are 5 things that you think would be important to include in a proposal for small scale infrastructure? (s2_3[item letter])
OPEN ENDED RESPONSE
A. _____
B. _____
C. _____
D. _____
E. _____
__ (total correct)

SCORING: 1 point each for mentioning any of the following items: objective of project, description of infrastructure, location, budget, community inputs of labor and in-kind, implementation timeline, person in charge of the project, person in charge of the funds

4. Suppose that this community wanted to build a drying floor for agricultural products, made of cement that was the size of a standard big tarpaulin (10 foot by 10 foot square). *For all questions, use "999" for Don't Know*

A. If you were in charge of this project, where is the cheapest place you would go to buy cement?
Name of store/supplier ~~(s2_4a_1)~~: _____
Location of store/supplier ~~(s2_4a_2)~~: _____ __ (0 to 1p)
__ (0 to 1p)

B. How much do you estimate one 50kg bag of cement cost? (s2_4b)
|___|___|___|___|___|___| SLL
__ (0 to 2p)

C. How many 50kg bags of cement would you need for the project? (s2_4c)
|___|___|___|
__ (0 to 2p)

D. How many people do you estimate would be needed work on building the floor? (s2_4d) |___|___|___| __ (0 to 2p)

E. How many days do think it would take them to build it? (s2_4e) |___|___|___| __ (0 to 2p)

F. In total, how much do estimate this project would cost? (s2_4f)
|___|___|___|___|___|___|___|___|___|___|___| SLL __ (0 to 2p)

G. Do you know any contractors in the area who you could hire to build the floor for you?

Name of contractor ~~(s2_4g_1)~~:
_____

Location of contractor ~~(s2_4g_2)~~: __ (0 to 1p)
_____ __ (0 to 1p)

5. What leadership positions do you currently hold in the community? (s2_5_1/s2_5_2)
LIST UP TO 5: |___|___|; |___|___|; |___|___|; |___|___|; |___|___|
Leadership codes. 01 = Paramount Chief / Section Chief, 02 = Local councilor, 03= Ward development committee member, 04 = Women's leader, 05 = Village headman or tribal head, 06 = Youth leader, 07 = Community / village development committee member, 08 = Chair or clerk in local court, 09 = Imam / reverend / pastor, 10 = Farmers' leader / master farmer, 11 = Traditional society head, 12 = other, specify:_____

SCORING: 2 points per leadership position __ (max 10)

6. Have you ever heard of the GoBifo project? (s2_6) |___|
1 = yes, 2 = no (IF NO, skip to Reading test)
→ IF YES:

A. Did you lead any GoBifo project or serve on the village development committee? (s2_6_a) |___|
1 = yes, 2 = no

B. Did you participate in planning or organizing any GoBifo Project? (s2_6b) |___|
1 = yes, 2 = no

C. Did you participate in implementing any GoBifo Project? (s2_6c) |___|
1 = yes, 2 = no

SCORING: no points, for information only

III. Numeracy and literacy

Reading Test

<table>
<tr><th>Reading</th><th>Instructions</th></tr>
<tr><td>Item 1: Start here
Paragraph 1
We live in a hut. It is very big. It has four windows. Our mother built it last year.

Paragraph 2
This is my elder sister. She is a nurse. She works in a big hospital. She treats sick people.</td><td>Let the respondent chose any of the two paragraphs and read out loud.

Can the respondent read the paragraph? |__|
1 = yes, 2 = no

If the respondent CAN read the paragraph go to the story → Item 2

If the respondent CANNOT read the paragraph go to the words → Skip to Item 3</td></tr>
<tr><td>Item 2: Story
Our school opened on fifth May. Many children came back to school early. They were all happy to be back. Abu and Sorie were also there. The two boys are my good friends. Abu told us he visited his aunt. She bought him a black pair of shoes.

Abu wanted to wear the new shoes. Sorie told him that his feet were dirty. Abu got angry and shouted at Sorie. Some children came to look at them. They made a lot of noise. The teacher came from the office. She told Abu and Sorie not to fight

Q1. When did our school open?
Q2. What did the teacher do when she came from the office</td><td>Only ask the respondent to read the story if they correctly read the paragraph

The respondent should answer both questions.
➔ SKIP TO NUMBERS TEST</td></tr>
<tr><td>Item 3: Words
map
bird
wall
finger
soap

head
pet
jug
seed
eye</td><td>Can the respondent read the words? |___| 1=yes, 2=no

Only ask the respondent to read the words if they could not read the paragraph. The respondent should read out loud any five words. If at least four read correctly → Skip to Numbers Test

If the respondent CANNOT read the words, take him/her to the letters → Item 4</td></tr>
<tr><td>Item 4: Letters
g
t
u
r
w

z
a
d
h
y</td><td>Only ask the respondent to read the letters if they could not read the words. The respondent should read out loud any five letters. At least four should be read correctly</td></tr>
<tr><td colspan="2">SCORING: 0 points if cannot read letters; 3 points if can read letters; 6 points if can read words; 18 points if can read paragraph but not story; 24 points if can read story
__(s8_7a)</td></tr>
</table>

Numbers Test

<table>
<tr><th colspan="4">Test</th><th>Instructions</th></tr>
<tr><td colspan="4">START HERE. Addition – Read each of the following 3 questions out loud to respondent
Read to respondent: Fatu went to the market. She wants to buy one cup of groundnuts for 1,000 Leones and one bunch of bananas for 2,000 Leones. How much does she have to pay in total?</td><td>3 points for correct answer (3,000 Le), 0 points if incorrect answer</td></tr>
<tr><td colspan="4">Read to respondent: One box of nails costs 500 Leones. Abdul wants to buy 3 boxes. How much does he have to pay in total?</td><td>3 points for correct answer (1,500 Le), 0 points if incorrect answer</td></tr>
<tr><td colspan="4">Read to respondent: One cup of rice costs 1,500 Leones. Mabinty wants to buy 3 cups of rice. She gives the market lady 5,000 Leones. How much change should Mabinty get back?</td><td>3 points for correct answer (500 Le), 0 points if incorrect answer</td></tr>
<tr><td>Subtraction
25
-15</td><td>55
-22</td><td>81
-30</td><td>97
-65</td><td rowspan="2">Let respondent chose and do any THREE. At least TWO must be correct.

Does the respondent answer the subtraction questions correctly? |__| 1=yes, 2=no

If correct move to multiplication.
If cannot subtract → END survey</td></tr>
<tr><td>70
-40</td><td>53
-21</td><td>79
-54</td><td>68
-48</td></tr>
<tr><td>Multiplication

2 x 4 =</td><td>3 x 2 =</td><td>5 x 3 =</td><td>4 x 3 =</td><td rowspan="2">Let respondent chose and do any THREE. At least TWO must be correct

Does the respondent answer the multiplication questions correctly? |__| 1=yes, 2=no

If correct, move to division
If cannot multiply → END survey</td></tr>
<tr><td>5 x 2 =</td><td>5 x 5 =</td><td>3 x 4 =</td><td>4 x 5 =</td></tr>
<tr><td>Division
6 ÷ 3 =</td><td>8 ÷ 2 =</td><td>18 ÷ 3 =</td><td>12 ÷ 4 =</td><td rowspan="2">Let respondent chose and do any THREE. At least TWO must be correct
If cannot divide → END survey</td></tr>
<tr><td>20 ÷ 5 =</td><td>10 ÷ 2 =</td><td>15 ÷ 5 =</td><td>9 ÷ 3 =</td></tr>
<tr><td colspan="5">SCORING: 3 points each for each correct addition question. 5 extra points for subtraction. 5 extra points for multiplication. 5 extra points for division.

__(s8_7b)</td></tr>
</table>

END OF SURVEY – THANK THE RESPONDENT FOR THEIR TIME

POST SURVEY OBSERVATIONS

Enumerator: after you have completed the survey with the respondent ask the respondent to leave and request he does not talk about the survey with others yet. Then in private complete the questions below based on your own observations and calculate the score.

1. How fluently does the respondent speak Krio? (s8_7c) |___|
   0 = Does not speak Krio; 1 = Speaks a little Krio; 3 = Speaks some Krio; 4 = Speaks Krio very well;
   SCORING: use response codes for points

SCORING THE MANAGEMENT TEST:

1. Total points for Q1 – Infrastructure experience (s9_q1) |___|___| (Range: 0 to 26)
2. Total points for Q2 – Comm activity experience (s9_q2) |___|___| (Range: 0 to 14)
3. Total points for Q3 – Project proposal (s9_q3) |___|___| (Range 0 to 5)
4. Total points for Q4 – Dry floor costing (s9_q4) |___|___| (Range 0 to 14)
5. Total points for Q5 – Leadership roles (s9_q5) |___|___| (Range 0 to 10)
6. Total points for Reading Test (s9_q6) |___|___| (Range 0 to 24)
7. Total points for Numeracy Test (s9_q7) |___|___| (Range 0 to 24)
8. Total points for Krio language (s9_q8_ |___|___| (Range 0 to 4)

GRAND TOTAL POINTS (s9_q9): |___|___|___| (Range 0 to 121)