Codebooks for replication files: Enumerator Experiences in Violent Research Environments

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Codebook for Enumerators_Cleaned_CPS.csv

This table contains the names, descriptions, and labels for all variables appearing in the dataset "Enumerators_Cleaned_CPS.csv"

Note: for all variables, NA indicates refusal to respond or "I don't know" responses, or missingness.

Variable	Variable description	Value labels
ResponseId	Unique identifier for respondent	Alpha-numeric
age	Age of respondent	Numeric
dept_abidjan	Whether respondent lives in Abidjan	0=no 1=yes
sex	Whether respondent is male	0=female 1=male
akan	Whether respondent is from Akan language group	0=no 1=yes
krou	Whether respondent is from Krou language group	0=no 1=yes
nmande	Whether respondent is from North Mandé languge group	0=no 1=yes
smande	Whether respondent is from South Mandé language group	0=no 1=yes
voltaique	Whether respondent is from Voltaïque language group	0=no 1=yes
christian	Whether respondent identifies as Christian	0=Not Christian 1=Christian
edu	Education level of respondent	No formal schooling (0) Informal schooling only (including Koranic schooling) (1) Some primary schooling (2) Primary school completed (3) Some secondary school / high school (4) Secondary school / high school completed (5) Post-secondary qualifications, other than university e.g. a diploma or degree

		from a polytechnic or college (6) Some university (7) University completed (8) Post-graduate (9)
govt	Whether the respondent identifies as a government supporter	0=not government supporter 1=government supporter
experience_years	Number of years working as an enumerator	Numeric
politics	Whether the respondent had worked on a project about politics (politics, war or peace)	0=no political projects 1=political projects
N_DeptWork	The count of number of departments worked	Numeric
projectN	A categorical variable of the number of projects worked on	1 (1) 2-5 (2) 6-10 (3) 10-15 (4) 16-20 (5) More than 20 (6)
safe	How often have you felt unsafe while conducting surveys?	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
violence_witness_1	Whether the respondent witnessed **mass protests** while collecting data	0=no 1=yes
violence_witness_2	Whether the respondent witnessed **threats and harassments** while collecting data	0=no 1=yes
violence_witness_3	Whether the respondent witnessed **physical violence** while collecting data	0=no 1=yes
violence_witness_4	Whether the respondent witnessed **theft or destruction of property** while collecting data	0=no 1=yes
violence_scale_1	Have you ever faced **being followed** when collecting data? If so, please indicate how frequently.	No, never (0) Yes, Once (1) Yes, a few times (2) Yes, multiple times (3)

		Yes, every time I have done this work (4)
violence_scale_2	Have you ever faced **robbed** when collecting data? If so, please indicate how frequently.	No, never (0) Yes, Once (1) Yes, a few times (2) Yes, multiple times (3) Yes, every time I have done this work (4)
violence_scale_3	Have you ever faced **threatened with violence** when collecting data? If so, please indicate how frequently.	No, never (0) Yes, Once (1) Yes, a few times (2) Yes, multiple times (3) Yes, every time I have done this work (4)
violence_scale_4	Have you ever faced **physically assaulted** when collecting data? If so, please indicate how frequently.	No, never (0) Yes, Once (1) Yes, a few times (2) Yes, multiple times (3) Yes, every time I have done this work (4)
violence_scale_5	Have you ever faced **detained** when collecting data? If so, please indicate how frequently.	No, never (0) Yes, Once (1) Yes, a few times (2) Yes, multiple times (3) Yes, every time I have done this work (4)
challenges_1	How often have you faced **Insufficient Pay?**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)

challenges_2	How often have you **Insufficient food or accommodation**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
challenges_3	How often have you **Limited cell phone reception?**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
challenges_4	How often have you **Difficult travel conditions?**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
challenges_5	How often have you **Feared physical safety in assigned region?**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
challenges_5b	**Dichotomous coding of challenges_5, 1 if >=1**	0=no feared physical safety 1=yes feared physical safety
challenges_6	How often have you **Felt otherwise uncomfortable working in assigned region?**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
challenges_7	How often have you **Time commitment was too long?**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
challenges_8	How often have you **Required to travel too much?**	Always (4)

		Most of the time (3) About half the time (2) Sometimes (1) Never (0)
challenges_9	How often have you **Disputes with the research team?**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
Violence_Experience_Any	Yes if >= 1 for at least one violence_scale question	0=no violence experience 1=at least 1 violence experience
Violence_Witness_Any	Yes if ==1 for at least one violence_witness question	0=no violence witnessed 1=at least 1 violence type witnessed
violence_index1	An additive index of Violence_Experience_Any, Violence_Witness_Any, challenges_5b, (safe>=1, 1, 0)	0=no violence experience 1=1 of 4 2=2 of 4 3=3 of 4 4=all four
violence_index	Violence_index1/4	0=no violence experience .25=1 of 4 .5=2 of 4 .75=3 of 4 1 = all four
work_sum_any_violence_ share_x_abi_mutated	The share of violent departments worked outside of Abidjan, based on ACLED data (see paper for how calculated); bins = 0, .2, .4, .6, .8, 1	0= Never worked in a violent department 1=of departments worked, between 1% and 20% were violent 2= of departments worked, between 21% and 40% were violent 3= of departments worked, between

		41% and 60% were violent 4=of departments worked, between 61% and 80% were violent 5= of departments worked, between 81% and 100% were violent
safe_why_1	Of respondents who safe>=1, Why have you felt unsafe? **Political environment**	0=no 1=yes
safe_why_2	Of respondents who safe>=1, Why have you felt unsafe? **General feeling of being unwelcome in a community**	0=no 1=yes
safe_why_3	Of respondents who safe>=1, Why have you felt unsafe? **Isolation of fieldsite**	0=no 1=yes
safe_why_4	Of respondents who safe>=1, Why have you felt unsafe? **Harassment by local authorities**	0=no 1=yes
safe_why_5	Of respondents who safe>=1, Why have you felt unsafe? **Spiritual threat or witchcraft**	0=no 1=yes
safe_why_6	Of respondents who safe>=1, Why have you felt unsafe? **Harassment by respondents**	0=no 1=yes
safe_why_7	Of respondents who safe>=1, Why have you felt unsafe? **Violence at field site**	0=no 1=yes
safe_why_8	Of respondents who safe>=1, Why have you felt unsafe? **High crime rate of area**	0=no 1=yes
safe_why_9	Of respondents who safe>=1, Why have you felt unsafe? **Other**	0=no 1=yes
break_protocol_1	How frequently do other enumerators: **Skip households or respondents who are difficult (1)**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
break_protocol_2	How frequently do other enumerators: **Fabricate answers to survey questions (2)**	Always (4) Most of the time (3)

		About half the time (2) Sometimes (1) Never (0)
break_protocol_3	How frequently do other enumerators: **If I notice that the respondent has difficulties with a question, I try to make it easier for them, for example by shorten long question texts or explaining what a question really means. (8)**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
break_protocol_4	How frequently do other enumerators: **Adapt or rephrase questions to be less sensitive for respondents (3)**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
break_protocol_5	How frequently do other enumerators: **Abandon the questionnaire in the middle of an interview (4)**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
break_protocol_6	How frequently do other enumerators: **Deviate from the random-walk protocol to avoid difficult neighborhoods (5)**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
break_protocol_7	How frequently do other enumerators: **Lie to supervisors about the reason an interview had to be redone (6)**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
break_protocol_8	How frequently do other enumerators: **Select respondents from the household who will be easier to survey (7)**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
solution_threats_1	How likely would you be to do the following if you felt unsafe or	Extremely likely (6)

	threatened? **Skip households that make me feel uncomfortable (1)**	Moderately likely (5) Slightly likely (4) Neither likely nor unlikely (3) Slightly unlikely (2) Moderately unlikely (1) Extremely unlikely (0)
solution_threats_2	How likely would you be to do the following if you felt unsafe or threatened? **Fill in answers for respondents so that I can finish more quickly (2)**	Extremely likely (6) Moderately likely (5) Slightly likely (4) Neither likely nor unlikely (3) Slightly unlikely (2) Moderately unlikely (1) Extremely unlikely (0)
solution_threats_3	How likely would you be to do the following if you felt unsafe or threatened? **Skip questions I know will raise tensions by coding it as missing or don't know (3)**	Extremely likely (6) Moderately likely (5) Slightly likely (4) Neither likely nor unlikely (3) Slightly unlikely (2) Moderately unlikely (1) Extremely unlikely (0)
solution_threats_4	How likely would you be to do the following if you felt unsafe or threatened? **Choose respondents in a household who are likely to be less challenging (4)**	Extremely likely (6) Moderately likely (5) Slightly likely (4) Neither likely nor unlikely (3) Slightly unlikely (2) Moderately unlikely (1) Extremely unlikely (0)
solution_threats_5	How likely would you be to do the following if you felt unsafe or threatened? **Abbreviate questions or the consent procedure to accelerate the survey (5)**	Extremely likely (6) Moderately likely (5) Slightly likely (4)

		Neither likely nor unlikely (3) Slightly unlikely (2) Moderately unlikely (1) Extremely unlikely (0)
affiliations_1	Have you ever emphasized the following affiliations or identity to make an interviewee comfortable? **My ethnicity (1)**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
affiliations_2	Have you ever emphasized the following affiliations or identity to make an interviewee comfortable? **My political party (2)**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
affiliations_3	Have you ever emphasized the following affiliations or identity to make an interviewee comfortable? **My religion (3)**	Always (4) Most of the time (3) About half the time (2) Sometimes (1) Never (0)
Local_Chall_Chiefs_Dummy	Dummy variable if respondent states that they have faced any challenges from: **Village Chiefs (1)**	0=no 1=yes
Local_Chall_Party_Dummy	Dummy variable if respondent states that they have faced any challenges from: **Local Political Party Leaders (2)**	0=no 1=yes
Local_Chall_Mayor_Dummy	Dummy variable if respondent states that they have faced any challenges from: **Mayors (3)**	0=no 1=yes
Local_Chall_Prefet_Dummy	Dummy variable if respondent states that they have faced any challenges from: **Prefets (4)**	0=no 1=yes
Local_Chall_Police_Dummy	Dummy variable if respondent states that they have faced any challenges from: **Police or military officials posted in area (5)**	0=no 1=yes

Local_Chall_Youth_Dummy	Dummy variable if respondent states that they have faced any challenges from: **Youth Leaders (6)**	0=no 1=yes
Local_Chall_RespFam_Dummy	Dummy variable if respondent states that they have faced any challenges from: **Respondents' families (7)**	0=no 1=yes
Local_Chall_Respondent_Dummy	Dummy variable if respondent states that they have faced any challenges from: **Respondents themselves (8)**	0=no 1=yes
Local_Chall_Other_Dummy	Dummy variable if respondent states that they have faced any challenges from: **Other members of the local population (9)**	0=no 1=yes
difficulties_coll_1	With regards to the data collection process, how much do you agree with the following statements about the survey questions you ask: **They are usually too complicated for the respondents (1)**	Strongly agree (6) Agree (5) Somewhat agree (4) Neither agree nor disagree (3) Somewhat disagree (2) Disagree (1) Strongly disagree (0)
difficulties_coll_2	With regards to the data collection process, how much do you agree with the following statements about the survey questions you ask : **They are not usually relevant to the respondents' every day experiences (2)**	Strongly agree (6) Agree (5) Somewhat agree (4) Neither agree nor disagree (3) Somewhat disagree (2) Disagree (1) Strongly disagree (0)
difficulties_coll_3	With regards to the data collection process, how much do you agree with the following statements about the survey questions you ask : **They need to be rephrased to help the respondent understand the researcher's intent (3)**	Strongly agree (6) Agree (5) Somewhat agree (4) Neither agree nor disagree (3) Somewhat disagree (2) Disagree (1)

		Strongly disagree (0)
difficulties_coll_4	With regards to the data collection process, how much do you agree with the following statements about the survey questions you ask : **They are too sensitive or upsetting for respondents (4)**	Strongly agree (6) Agree (5) Somewhat agree (4) Neither agree nor disagree (3) Somewhat disagree (2) Disagree (1) Strongly disagree (0)
difficulties_coll_5	With regards to the data collection process, how much do you agree with the following statements about the survey questions you ask **: They are out of touch with the cultural environment I work in (5)**	Strongly agree (6) Agree (5) Somewhat agree (4) Neither agree nor disagree (3) Somewhat disagree (2) Disagree (1) Strongly disagree (0)
difficulties_coll_6	With regards to the data collection process, how much do you agree with the following statements about the survey questions you ask **: They are psychologically taxing for me as an enumerator (6)**	Strongly agree (6) Agree (5) Somewhat agree (4) Neither agree nor disagree (3) Somewhat disagree (2) Disagree (1) Strongly disagree (0)
ipsos	Whether the respondent had done at least 1 project for IPSOS	0=no 1=yes
afro	Whether the respondent had done at least 1 project for Afrobarometer	0=no 1=yes
crefdi	Whether the respondent had done at least 1 project for CREFDI	0=no 1=yes
ins	Whether the respondent had done at least 1 project for the National Statistics Institute	0=no 1=yes
jpal	Whether the respondent had done at least 1 project for JPAL	0=no 1=yes
ipa	Whether the respondent had done at least 1 project for IPA	0=no 1=yes

firm_other	Whether the respondent had done at least 1 project for independent researchers	0=no 1=yes
exp_topic_1	Whether the respondent had worked on a project on: **Agriculture**	0=no 1=yes
exp_topic_2	Whether the respondent had worked on a project on: **Peacebuilding (2)**	0=no 1=yes
exp_topic_3	Whether the respondent had worked on a project on: **Conflict & Civil War (3)**	0=no 1=yes
exp_topic_4	Whether the respondent had worked on a project on: **Covid-19 (4)**	0=no 1=yes
exp_topic_5	Whether the respondent had worked on a project on: **Demography (5)**	0=no 1=yes
exp_topic_6	Whether the respondent had worked on a project on: **Education (6)**	0=no 1=yes
exp_topic_7	Whether the respondent had worked on a project on: **Employment & Job Creation (7)**	0=no 1=yes
exp_topic_8	Whether the respondent had worked on a project on: **Environment (8)**	0=no 1=yes
exp_topic_9	Whether the respondent had worked on a project on: **Gender (9)**	0=no 1=yes
exp_topic_10	Whether the respondent had worked on a project on: **Marketing (10)**	0=no 1=yes
exp_topic_11	Whether the respondent had worked on a project on: **Poverty & Poverty Reduction (11)**	0=no 1=yes
exp_topic_12	Whether the respondent had worked on a project on: **Politics & Governance (12)**	0=no 1=yes
exp_topic_13	Whether the respondent had worked on a project on: **Social Service Delivery (13)**	0=no 1=yes
exp_topic_14	Whether the respondent had worked on a project on: **Health (14)**	0=no 1=yes

exp_topic_15	Whether the respondent had worked on a project on: **Other (please specify) (15)**	0=no 1=yes
leave	Have you ever considered leaving a project because of the working conditions?	0=no 1=yes
leave_why_1	If leave ==1, why? **Insufficient Pay (1)**	0=no 1=yes
leave_why_2	If leave ==1, why? **Survey subject was too sensitive (2)**	0=no 1=yes
leave_why_3	If leave ==1, why? **Feared physical safety in assigned region (3)**	0=no 1=yes
leave_why_4	If leave ==1, why? **Felt otherwise uncomfortable working in assigned region (4)**	0=no 1=yes
leave_why_5	If leave ==1, why? **Survey was of low quality (5)**	0=no 1=yes
leave_why_6	If leave ==1, why? **Time commitment was too long (6)**	0=no 1=yes
leave_why_7	If leave ==1, why? **Required to travel too much or too far (7)**	0=no 1=yes
leave_why_8	If leave ==1, why? **Disputes with the research team (8)**	0=no 1=yes
leave_why_9	If leave ==1, why? **Personal issues, such as health or family obligations (9)**	0=no 1=yes
leave_why_10	If leave ==1, why? **Other (10)**	0=no 1=yes
leave_left	If leave==1, respondent actually quit a project	0=no 1=yes
exp_mostenjoyable_1	How important are the following aspects to you? **Travel/ability to see my country (1)**	Extremely important (4) Very important (3) Moderately important (2) Slightly important (1)

		Not at all important (0)
exp_mostenjoyable_2	How important are the following aspects to you? **Learning about my fellow citizens (2)**	Extremely important (4) Very important (3) Moderately important (2) Slightly important (1) Not at all important (0)
exp_mostenjoyable_3	How important are the following aspects to you? **Involvement in research process (3)**	Extremely important (4) Very important (3) Moderately important (2) Slightly important (1) Not at all important (0)
exp_mostenjoyable_4	How important are the following aspects to you? **Payment (4)**	Extremely important (4) Very important (3) Moderately important (2) Slightly important (1) Not at all important (0)
exp_mostenjoyable_5	How important are the following aspects to you? **Development of professional skills (5)**	Extremely important (4) Very important (3) Moderately important (2) Slightly important (1) Not at all important (0)
exp_mostenjoyable_6	How important are the following aspects to you? **Involvement in research that will improve my country (6)**	Extremely important (4) Very important (3) Moderately important (2) Slightly important (1) Not at all important (0)

exp_mostenjoyable_7	How important are the following aspects to you? **Flexibility in work schedule (7)**	Extremely important (4) Very important (3) Moderately important (2) Slightly important (1) Not at all important (0)
research_process_1	How much do you agree with the following statements? **I feel like a valuable part of the research process (1)**	A great deal (4) A lot (3) A moderate amount (2) A little (1) None at all (0)
research_process_2	How much do you agree with the following statements? **I am expected to do a lot of uncompensated work behind the scenes, e.g. negotiate checkpoints and/or pay extra fees or bribes (2)**	A great deal (4) A lot (3) A moderate amount (2) A little (1) None at all (0)
research_process_3	How much do you agree with the following statements? **My knowledge of local context is undervalued by project leaders (3)**	A great deal (4) A lot (3) A moderate amount (2) A little (1) None at all (0)
research_process_4	How much do you agree with the following statements? **The studies I work on would be improved if they consulted enumerators like me in the design stage (4)**	A great deal (4) A lot (3) A moderate amount (2) A little (1) None at all (0)
ease_resp_eth	Would you say it is easier to survey someone who shares your ethnic identity or someone who does not share your ethnic identity?	Easier to survey someone who shares your ethnic identity (1) About the same (2) Easier to survey someone who does not share your ethnic identity (3)
ease_resp_edu	Would you say it is easier to survey someone who has no formal	Easier to survey someone who has

	schooling than someone who does have some formal schooling?	no formal schooling (1) About the same (2) Easier to survey someone who has some formal schooling (3)
ease_resp_pol	Would you say it is easier to survey someone who shares your political identity or someone who does not share your political identity?	Easier to survey someone who shares your political identity (1) About the same (2) Easier to survey someone who does not share your political identity (3)
ease_resp_women	Would you say it is easier to survey women or men?	Easier to survey women (1) About the same (2) Easier to survey men (3)
ease_resp_relig	Would you say it is easier to survey someone who shares your religious identity or someone who does not share your religious identity?	Easier to survey someone who shares your religious identity (1) About the same (2) Easier to survey someone who does not share your religious identity (3)
ease_resp_edu_inverted	ease_resp_edu inverted to bring it in line with the other ease_resp questions	Easier to survey someone who has

		no formal schooling (3) About the same (2) Easier to survey someone who has some formal schooling (1)

Codebook for anon_sample_frame_CPS.csv

This table contains the names, descriptions, and labels for all variables appearing in the dataset "anon_sample_frame_CPS.csv"

Note: for all variables, NA indicates missingness.

Variable	**Variable Description**	**Value labels**
unique_id	Unique_id for individual in sample frame	Alpha-numeric
completed	Whether the individual participated in study	0=no 1=yes
org	From which organization were they recruited	Character string
Femme?	Was the individual coded as female	0=no 1=yes
ethnic_all	Categorical variable for coded ethnicity	Character string
akan	Whether respondent is from Akan language group	0=no 1=yes
voltaique	Whether respondent is from Krou language group	0=no 1=yes
krou	Whether respondent is from North Mandé languge group	0=no 1=yes
smande	Whether respondent is from South Mandé language group	0=no 1=yes
nmande	Whether respondent is from Voltaïque language group	0=no 1=yes

Codebook for depts_base_worked.csv

This table contains the names, descriptions, and labels for all variables appearing in the dataset "depts_base_worked.csv"

Note: for all variables, NA indicates 0.

Variable	Variable Description	Value labels
Long	Longitude for department centroid	Numeric
Lat	Latitude for department centroid	Numeric
Dept_name	Name of the department	Character string
Base	The count of enumerators who are based in that department	Numeric
Work	The count of enumerators who indicted they had worked in that department	Numeric