Quality Signaling and Demand for Renewable Energy Technology: Evidence from a Randomized Field Experiment 2018

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report_generated_on: November 17, 2026

visit_data_catalog_at: https://microdata.worldbank.org/

Identification

SURVEY ID NUMBER

SEN_2018_QSDRET_v01_M

TITLE

Quality Signaling and Demand for Renewable Energy Technology: Evidence from a Randomized Field Experiment 2018

ABBREVIATION OR ACRONYM

QSDRET 2018

COUNTRY/ECONOMY

Name	Country code
Senegal	SEN

STUDY TYPE

Other Household Survey [hh/oth]

ABSTRACT

Solar technologies have been associated with private and social returns, but their technological potential often remains unachieved because of persistently low demand for high-quality products. In a randomized field experiment in Senegal, we assess the potential of three types of quality signaling to increase demand for high-quality solar lamps. We find no effect on demand when consumers are offered a money-back guarantee but increased demand with a third-party certification or warranty, consistent with the notion that consumers are uncertain about product durability rather than their utility. However, despite the higher willingness to pay, the prices they would pay are still well below market prices for the average household, suggesting that reducing information asymmetries alone is insufficient to encourage wider adoption. Surprisingly, we also find that the effective quality signals in our setting stimulate demand for low-quality products by creating product-class effects among those least familiar with the product.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Household

Version

VERSION DESCRIPTION

Version 01

VERSION NOTES

The data can be used to replicate the findings from the paper "Quality signaling and demand for renewable energy technology: Evidence from a randomized field experiment" published in the Journal of Development Economics (Sep 2025). The dataset contains one record for each of 960 households in 40 off-grid villages in the Fatick region of Senegal, interviewed between 13 and 25 October 2018. In each household, one respondent (the household head or their spouse) completed a short survey and a Becker-DeGroot-Marschak (BDM) bidding exercise that elicited willingness to pay for a certified high-quality solar lamp (d.light S20) and a similar-looking lower-quality lamp. Respondents were randomly assigned to the order in which the two lamps were presented and to a control group or one of three quality signals offered with the high-quality lamp: third-party certification by Lighting Global, a two-year warranty, or a six-week money-back guarantee. The data include treatment assignment, bids for both lamps, the randomly drawn price, purchase and payment outcomes, and

respondents' perceptions of each lamp's durability, market price, lighting performance, quality and intended use. They also cover household demographics, education, income sources, energy spending, ownership of solar and other lighting devices, savings, risk preferences and trust in institutions. Lamp-specific variables are stored separately by presentation order; variables ending in _rev refer to respondents shown the low-quality lamp first. Names, phone numbers and GPS coordinates have been removed, and locations and field staff are identified only by anonymized codes.

Scope

KEYWORDS

Information asymmetries Quality signaling Solar lamps Willingness to pay Becker-DeGroot-Marschak Technology adoption

Coverage

GEOGRAPHIC COVERAGE

40 off-grid villages in the Fatick region.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Aidan Coville	World Bank Group

Data collection

DATES OF DATA COLLECTION

Start	End
2018-10-13	2018-10-25

Access policy

ACCESS CONDITIONS

Public use files

Disclaimer and copyrights

DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

Contacts

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Metadata production

DDI DOCUMENT ID

DDI_SEN_2018_QSDRET_v01_M

PRODUCERS

Name	Abbreviation	Affiliation	Role
Development Data Group	DECDG	World Bank Group	Documentation of the survey

DATE OF METADATA PRODUCTION

2026-11-09

Metadata version

DDI DOCUMENT VERSION

Version 01 (November 2026)

data_dictionary

Data file	Cases	variables
QualitySignaling_Senegal_CleanData	960	117

Data file: QualitySignaling_Senegal_CleanData

Cases:	960
variables:	117

variables

ID	Name	Label	Question
V1	starttime	Start of interview (daymonthyear h:m:s)	
V2	endtime	End of interview (daymonthyear h:m:s)	
V3	duration	Duration of interview (seconds)	
V4	supervisor_code	Supervisor code (anonymized)	
V5	enumerator_code	Surveyor code (anonymized)	
V6	surveyorder	Order number of survey	
V7	date	Date (daymonthyear)	
V8	hhid	Household ID	
V9	municipality_code	Municipality code (anonymized)	
V10	village_code	Village code (anonymized)	
V11	headofhh	Are you the head of the household?	
V12	age	What is your age?	
V13	relation	What is your relationship to the household head?	
V14	gender	Respondent gender: male (=1)	
V15	education	What is the highest school grade you have completed?	
V16	hhsize	How many members currently belong to your household, including yourself?	
V17	studentshare	How many household members who live here today have completed primary school?	
V18	revsource	In the last 12 months, what has been your main source of revenues?	
V19	roof	What is the main material your roofing is made of?	
V20	kerosene	Energy expenditures last 12 months: kerosene/oil (XOF)	
V21	batteries	Energy expenditures last 12 months: dry-cell batteries (XOF)	
V22	candles	Energy expenditures last 12 months: candles (XOF)	
V23	solarmonthlyfees	Energy expenditures last 12 months: solar rent-to-own schemes (XOF)	
V24	generator	Energy expenditures last 12 months: generators (XOF)	
V25	farm	Income last month: farming activities (including livestock) (XOF)	
V26	nonfarm	Income last month: non-farming activities (XOF)	
V27	remittances	Income last month: (inter)national remittances (XOF)	
V28	benefits	Income last month: social security benefits (XOF)	
V29	wage	Income last month: wage work (XOF)	
V30	renting	Income last month: renting of properties (XOF)	
V31	housework	In the last month, how much did you spend for housework and house repairs? (XOF)	
V32	phoneexp	In the last month, how much did you spend recharging your phone credit? (XOF)	
V33	income	In your community, how much would a farmer approx. make after a harvest? (XOF)	
V34	saving_yn	Do you currently have a saving account (at bank or with mobile money provider)?	
V35	saving_amount	In the last month, how much money did you deposit on it approximately? (XOF)	
V36	rechargelamp	Do you own?: rechargeable lamp (=1)	
V37	carbattery	Do you own?: car battery (=1)	
V38	solarkit	Do you own?: solar kit (=1)	

ID	Name	Label	Question
V39	pricesolar	How much had you paid for this solar kit? (XOF)	
V40	risk	Do you see yourself as a person who is willing to take/avoid risks? (0-10)	
V41	publictrust	I assume public organisations have only the best intentions. (0-10)	
V42	intltrust	I assume international organisations have only the best intentions. (0-10)	
V43	trialwtp_1	How much would you pay for the bar of soap # 1?	
V44	trialwtp_2	How much would you pay for the bar of soap # 2?	
V45	treatment	Quality-signaling treatment (category)	
V46	t_control	Control group (=1)	
V47	t_certification	Treatment: certification (=1)	
V48	t_warranty	Treatment: 2-year warranty (=1)	
V49	t_mbg	Treatment: money-back guarantee (=1)	
V50	lamporder	Lamp presentation order	
V51	wtp_hq	HQ 1st: How much would you like to bid for the S20 solar lamp? (XOF)	
V52	hq_liquidity	HQ 1st: Can you secure the resources to pay this amount today if you win?	
V53	whichlamp	LQ 2nd: Type of LQ lamp shown	
V54	wtp_lq	LQ 2nd: How much would you like to bid for this solar lamp? (XOF)	
V55	lq_liquidity	LQ 2nd: Can you secure the resources to pay this amount today if you win?	
V56	whichlamp_rev	LQ 1st: Type of LQ lamp shown	
V57	wtp_lq_rev	LQ 1st: How much would you like to bid for this solar lamp? (XOF)	
V58	lq_rev_liquidity	LQ 1st: Can you secure the resources to pay this amount today if you win?	
V59	wtp_hq_rev	HQ 2nd: How much would you like to bid for the S20 solar lamp? (XOF)	
V60	hq_rev_liquidity	HQ 2nd: Can you secure the resources to pay this amount today if you win?	
V61	wtp_hq_all	Final bid for HQ lamp (XOF)	
V62	lampstring	LQ lamp offered	
V63	resisttime_hq	HQ 1st: How long do you think this lamp would last? (months)	
V64	children_hq	HQ 1st: Would any children be allowed to use this lamp?	
V65	outdoor_hq	HQ 1st: Would you be comfortable leaving this lamp outdoor during the night?	
V66	lending_hq	HQ 1st: Would you consider lending this lamp to non-household people?	
V67	rains_hq	HQ 1st: Would you feel comfortable leaving this lamp outdoor when it rains?	
V68	alter_hq	HQ 1st: Would you consider altering this lamp to make it more functional?	
V69	mktprice_hq	HQ 1st: How much do you think this lamp costs at the shop/market? (XOF)	
V70	lighthrs_hq	HQ 1st: How many hours do you think you can use this fully-charged lamp?	
V71	lightsurface_hq	HQ 1st: What room surface would you expect to be able to light with this lamp?	
V72	expquality_hq	HQ 1st: On the whole, how would you rate the quality of this lamp?	
V73	mainuse_hq	HQ 1st: What would be the main use you would make of this lamp?	
V74	seconduse_hq	HQ 1st: What would be the secondary use you would make of this lamp?	
V75	dayuseyn_hq	HQ 1st: Would you use this lamp during the day (at daylight)?	
V76	restricted_hq	HQ 1st: Would everyone in the household be allowed to use this lamp?	
V77	resisttime_lq	LQ 2nd: How long do you think this lamp would last? (months)	
V78	mktprice_lq	LQ 2nd: How much do you think this lamp costs at the shop/market? (XOF)	
V79	lighthrs_lq	LQ 2nd: How many hours do you think you can use this fully-charged lamp?	
V80	lightsurface_lq	LQ 2nd: What room surface would you expect to be able to light with this lamp?	
V81	expquality_lq	LQ 2nd: On the whole, how would you rate the quality of this lamp?	
V82	resisttime_lq_rev	LQ 1st: How long do you think this lamp would last? (months)	
V83	mktprice_lq_rev	LQ 1st: How much do you think this lamp costs at the shop/market? (XOF)	

ID	Name	Label	Question
V84	lighthrs_lq_rev	LQ 1st: ow many hours do you think you can use this fully-charged lamp?	
V85	lightsurface_lq_rev	LQ 1st: What room surface would you expect to be able to light with this lamp?	
V86	expquality_lq_rev	LQ 1st: On the whole, how would you rate the quality of this lamp?	
V87	resisttime_hq_rev	HQ 2nd: How long do you think this lamp would last? (months)	
V88	children_hq_rev	HQ 2nd: Would any children be allowed to use this lamp?	
V89	outdoor_hq_rev	HQ 2nd: Would you be comfortable leaving this lamp outdoor during the night?	
V90	lending_hq_rev	HQ 2nd: Would you consider lending this lamp to non-household people?	
V91	rains_hq_rev	HQ 2nd: Would you feel comfortable leaving the lantern outdoor when it rains?	
V92	alter_hq_rev	HQ 2nd: Would you consider altering this lamp to make it more functional?	
V93	mktprice_hq_rev	HQ 2nd: How much do you think this lamp costs at the shop/market? (XOF)	
V94	lighthrs_hq_rev	HQ 2nd: How many hours do you think you can use this fully-charged lamp?	
V95	lightsurface_hq_rev	HQ 2nd: What room surface would you expect to be able to light with this lamp?	
V96	expquality_hq_rev	HQ 2nd: On the whole, how would you rate the quality of this lamp?	
V97	mainuse_hq_rev	HQ 2nd: What would be the main use you would make of this lamp? (other)	
V98	seconduse_hq_rev	HQ 2nd: What would be the secondary use you would make of this lamp?	
V99	dayuseyn_hq_rev	HQ 2nd: Would you use this lamp during the day (at daylight)?	
V100	restricted_hq_rev	HQ 2nd: Would everyone in the household be allowed to use this lamp?	
V101	wbinfo	To what extent would you (dis)agree: I trust the World Bank (1-5)	
V102	totalinfo	To what extent would you (dis)agree: I trust Total (1-5)	
V103	govinfo	To what extent would you (dis)agree: I trust NGOs and associations (1-5)	
V104	priceoffered_hq	Final bid for HQ lamp (XOF)	
V105	hq_pricedrawn	Price drawn for HQ lamp (XOF)	
V106	priceoffered_lq	Final bid for LQ lamp (XOF)	
V107	lq_pricedrawn	Price drawn for LQ lamp (XOF)	
V108	lampreceived	Lamp received after BDM	
V109	pay_yn	Has the respondent actually paid the amount he promised in full?	
V110	payrefusal	Why hasn't the respondent paid?	
V111	payrefusal_why	Further details from enumerator as to why the respondend has refused to pay.	
V112	payrefusal_qual	Further details from enumerator as to why the respondend has refused to pay.	
V113	pay_how	How did the respondent pay?	
V114	device_yn	Has the respondent received the device?	
V115	bdmtype	Lantern drawn for BDM price draw	
V116	outcome	Outcome of BDM price draw	
V117	status	What is the status of the interview?	

total: 117

STARTTIME: Start of interview (daymonthyear h:m:s)

Data file: QualitySignaling_Senegal_CleanData

Overview

Type: Continuous Width: 0 Format: Numeric

VILLAGE_CODE: Village code (anonymized)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 1 Maximum: 40
Type: Continuous Width: 9 Format: Numeric

ENDTIME: End of interview (daymonthyear h:m:s)

Data file: QualitySignaling_Senegal_CleanData

Overview

Type: Continuous Width: 0 Format: Numeric

DURATION: Duration of interview (seconds)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 842 Maximum: 10214
Type: Continuous Width: 9 Format: character

SUPERVISOR_CODE: Supervisor code (anonymized)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 1 Maximum: 3
Type: Continuous Width: 9 Format: Numeric

ENUMERATOR_CODE: Surveyor code (anonymized)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 1 Maximum: 18
Type: Continuous Width: 9 Format: Numeric

SURVEYORDER: Order number of survey

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 1 Maximum: 44
Type: Continuous Width: 8 Format: Numeric

DATE: Date (daymonthyear)

Data file: QualitySignaling_Senegal_CleanData

Overview

Type: Continuous Width: 0 Format: Numeric

HHID: Household ID

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 101310001 Maximum: 10241100044
Type: Continuous Width: 10 Format: Numeric

MUNICIPALITY_CODE: Municipality code (anonymized)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 1 Maximum: 5
Type: Continuous Width: 9 Format: Numeric

HEADOFHH: Are you the head of the household?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 960 Invalid: 0 Minimum: 0 Maximum: 1
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	282	29.4%
1	Yes	678	70.6%

AGE: What is your age?

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 18 Maximum: 91
Type: Continuous Width: 8 Format: Numeric

RELATION: What is your relationship to the household head?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 282 Invalid: 678 Minimum: 1 Maximum: 99
Type: Discrete Width: 19 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	HEAD OF HOUSEHOLD	0	
1	WIFE	148	52.5%
2	SON OR DAUGHTER	76	27%
3	SON/DAUGHTER IN LAW	16	5.7%
4	GRANDCHILDREN	2	0.7%
5	FATHER / MOTHER	6	2.1%
6	PARENTS IN-LAW	2	0.7%
7	BROTHER / SISTER	29	10.3%
8	ADOPTED CHILD	1	0.4%
9	NO RELATIONSHIPS	0	
99	OTHER	2	0.7%
Sysmiss		678	

GENDER: Respondent gender: male (=1)

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 960 Invalid: 0 Minimum: 1 Maximum: 2
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Man	645	67.2%
2	Woman	315	32.8%

EDUCATION: What is the highest school grade you have completed?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 960 Invalid: 0 Minimum: 0 Maximum: 99
Type: Discrete Width: 40 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	None	571	59.5%
1	Primary - 1st grade	16	1.7%
2	Primary - 2nd grade	15	1.6%
3	Primary - 3rd grade	20	2.1%
4	Primary - 4th grade	20	2.1%
5	Primary - 5th grade	80	8.3%
6	Primary - 6th grade	55	5.7%
7	Lower secondary - 1st year	7	0.7%
8	Lower secondary - 2nd year	18	1.9%
9	Lower secondary - 3rd year	22	2.3%
10	Lower secondary - 4th year	15	1.6%
11	Upper secondary (high school) - 1st year	13	1.4%
12	Upper secondary (high school) - 2nd year	11	1.1%
13	Upper secondary (high school) - 3rd year	18	1.9%
14	Higher education - 1st year	4	0.4%
15	Higher education - 2nd year	7	0.7%
16	Higher education - 3rd year	2	0.2%
17	Higher education - 4th year	4	0.4%
18	Koranic school/Daara	61	6.4%
99	Other, specify	1	0.1%

HHSIZE: How many members currently belong to your household, including yourself?

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 1 Maximum: 70
Type: Continuous Width: 8 Format: Numeric

STUDENTSHARE: How many household members who live here today have completed primary school?

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 25
Type: Continuous Width: 8 Format: Numeric

REVSOURCE: In the last 12 months, what has been your main source of revenues?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 957 Invalid: 3 Minimum: 0 Maximum: 99
Type: Discrete Width: 49 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Farming	856	89.4%
2	Livestock	3	0.3%
3	Fishery	5	0.5%
4	Construction	9	0.9%
5	Crafts and trades	6	0.6%
6	Trade (food, general merchandise, clothing, etc.)	17	1.8%
7	Catering/Hospitality/Tourism	1	0.1%
8	Industry and factories	0	
9	Transport services (taximan, driver, etc.)	2	0.2%
10	Childcare/housework	0	
11	Pensions or other transfers	10	1%
12	Hairdressing	0	
13	Legal	1	0.1%

14	Health	1	0.1%
15	Banking / Finance / Insurance	0	
16	Communication / Technology	0	
17	Salaried	26	2.7%
99	Other - specify	19	2%
0		1	0.1%
Sysmiss		3	

ROOF: What is the main material your roofing is made of?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 960 Invalid: 0 Minimum: 1 Maximum: 5
Type: Discrete Width: 17 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Concrete / cement	80	8.3%
2	Tile / slate	19	2%
3	Zinc	551	57.4%
4	Thatch / straw	305	31.8%
5	Banco / clay	5	0.5%
99	Other - specify	0	

KEROSENE: Energy expenditures last 12 months: kerosene/oil (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 12000
Type: Continuous Width: 8 Format: Numeric

BATTERIES: Energy expenditures last 12 months: dry-cell batteries (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 18000
Type: Continuous Width: 8 Format: Numeric

CANDLES: Energy expenditures last 12 months: candles (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 15000
Type: Continuous Width: 8 Format: Numeric

SOLARMONTHLYFEES: Energy expenditures last 12 months: solar rent-to-own schemes (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 50000
Type: Continuous Width: 12 Format: Numeric

GENERATOR: Energy expenditures last 12 months: generators (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 20000
Type: Continuous Width: 8 Format: Numeric

FARM: Income last month: farming activities (including livestock) (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 300000
Type: Continuous Width: 12 Format: Numeric

NONFARM: Income last month: non-farming activities (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 1000000
Type: Continuous Width: 12 Format: Numeric

REMITTANCES: Income last month: (inter)national remittances (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 250000
Type: Continuous Width: 12 Format: Numeric

BENEFITS: Income last month: social security benefits (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 177000
Type: Continuous Width: 12 Format: Numeric

WAGE: Income last month: wage work (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 750000
Type: Continuous Width: 12 Format: Numeric

RENTING: Income last month: renting of properties (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 80000
Type: Continuous Width: 8 Format: Numeric

HOUSEWORK: In the last month, how much did you spend for housework and house repairs? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 1000000
Type: Continuous Width: 12 Format: Numeric

PHONEEXP: In the last month, how much did you spend recharging your phone credit? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 100000
Type: Continuous Width: 12 Format: Numeric

INCOME: In your community, how much would a farmer approx. make after a harvest? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 500 Maximum: 2000000
Type: Continuous Width: 12 Format: Numeric

SAVING_YN: Do you currently have a saving account (at bank or with mobile money provider)?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 957 Invalid: 3 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	846	88.4%
1	Yes	111	11.6%
Sysmiss		3	

SAVING_AMOUNT: In the last month, how much money did you deposit on it approximately? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: -9 Maximum: 300000
Type: Continuous Width: 12 Format: Numeric

RECHARGELAMP: Do you own?: rechargeable lamp (=1)

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 960 Invalid: 0 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	252	26.3%
1	Yes	708	73.8%

CARBATTERY: Do you own?: car battery (=1)

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 960 Invalid: 0 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	916	95.4%
1	Yes	44	4.6%

SOLARKIT: Do you own?: solar kit (=1)

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 960 Invalid: 0 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	495	51.6%
1	Yes	465	48.4%

PRICESOLAR: How much had you paid for this solar kit? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 7000008
Type: Continuous Width: 12 Format: Numeric

RISK: Do you see yourself as a person who is willing to take/avoid risks? (0-10)

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 956 Invalid: 4 Minimum: 0 Maximum: 10
Type: Discrete Width: 34 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	completely unwilling to take risks	219	22.9%
10	very willing to take risks	139	14.5%
1		34	3.6%
2		83	8.7%
3		33	3.5%
4		58	6.1%
5		171	17.9%
6		53	5.5%
7		41	4.3%
8		84	8.8%
9		41	4.3%
Sysmiss		4	

PUBLICTRUST: I assume public organisations have only the best intentions. (0-10)

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 877 Invalid: 83 Minimum: 0 Maximum: 10
Type: Discrete Width: 45 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	I believe they don't have the best intentions	116	13.2%
10	I believe they have the best intentions	124	14.1%
1		23	2.6%
2		55	6.3%
3		41	4.7%
4		51	5.8%
5		193	22%
6		63	7.2%
7		34	3.9%
8		92	10.5%
9		85	9.7%
Sysmiss		83	

INTLTRUST: I assume international organisations have only the best intentions. (0-10)

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 812 Invalid: 148 Minimum: 0 Maximum: 10
Type: Discrete Width: 45 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	I believe they don't have the best intentions	86	10.6%
10	I believe they have the best intentions	119	14.7%
1		27	3.3%
2		54	6.7%
3		42	5.2%
4		35	4.3%
5		147	18.1%
6		71	8.7%
7		59	7.3%
8		103	12.7%
9		69	8.5%

Sysmiss		148	

TRIALWTP_1: How much would you pay for the bar of soap # 1?

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 10 Maximum: 2500
Type: Continuous Width: 8 Format: Numeric

TRIALWTP_2: How much would you pay for the bar of soap # 2?

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 5 Maximum: 3000
Type: Continuous Width: 8 Format: Numeric

TREATMENT: Quality-signaling treatment (category)

Data file: QualitySignaling_Senegal_CleanData

Overview

Type: Continuous Width: 32 Format: character

T_CONTROL: Control group (=1)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 1
Type: Continuous Width: 8 Format: Numeric

T_CERTIFICATION: Treatment: certification (=1)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 1
Type: Continuous Width: 8 Format: Numeric

T_WARRANTY: Treatment: 2-year warranty (=1)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 1
Type: Continuous Width: 8 Format: Numeric

T_MBG: Treatment: money-back guarantee (=1)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 1
Type: Continuous Width: 8 Format: Numeric

LAMPORDER: Lamp presentation order

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 960 Invalid: 0 Minimum: 1 Maximum: 2
Type: Discrete Width: 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	HQ first	481	50.1%
2	LQ first	479	49.9%
3	N/A	0	

WTP_HQ: HQ 1st: How much would you like to bid for the S20 solar lamp? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 100 Maximum: 22500
Type: Continuous Width: 8 Format: Numeric

HQ_LIQUIDITY: HQ 1st: Can you secure the resources to pay this amount today if you win?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 481 Invalid: 479 Minimum: 1 Maximum: 1
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	
1	Yes	481	100%
Sysmiss		479	

WHICHLAMP: LQ 2nd: Type of LQ lamp shown

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 481 Invalid: 479 Minimum: 1 Maximum: 2
Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Foldable lamp	178	37%
2	Black and yellow lamp	303	63%
99	Other - specify	0	
Sysmiss		479	

WTP_LQ: LQ 2nd: How much would you like to bid for this solar lamp? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 30000
Type: Continuous Width: 8 Format: Numeric

LQ_LIQUIDITY: LQ 2nd: Can you secure the resources to pay this amount today if you win?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 481 Invalid: 479 Minimum: 1 Maximum: 1
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	
1	Yes	481	100%
Sysmiss		479	

WHICHLAMP_REV: LQ 1st: Type of LQ lamp shown

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 479 Invalid: 481 Minimum: 1 Maximum: 2
Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Foldable lamp	180	37.6%
2	Black and yellow lamp	299	62.4%
99	Other - specify	0	
Sysmiss		481	

WTP_LQ_REV: LQ 1st: How much would you like to bid for this solar lamp? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 200 Maximum: 25000
Type: Continuous Width: 8 Format: Numeric

LQ_REV_LIQUIDITY: LQ 1st: Can you secure the resources to pay this amount today if you win?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 479 Invalid: 481 Minimum: 1 Maximum: 1
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	

0	No	0	
1	Yes	479	100%
Sysmiss		481	

WTP_HQ_REV: HQ 2nd: How much would you like to bid for the S20 solar lamp? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 200 Maximum: 22000
Type: Continuous Width: 8 Format: Numeric

HQ_REV_LIQUIDITY: HQ 2nd: Can you secure the resources to pay this amount today if you win?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 479 Invalid: 481 Minimum: 1 Maximum: 1
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	
1	Yes	479	100%
Sysmiss		481	

WTP_HQ_ALL: Final bid for HQ lamp (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 100 Maximum: 22500
Type: Continuous Width: 9 Format: Numeric

LAMPSTRING: LQ lamp offered

Data file: QualitySignaling_Senegal_CleanData

Overview

Type: Continuous Width: 20 Format: character

RESISTTIME_HQ: HQ 1st: How long do you think this lamp would last? (months)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 1 Maximum: 120
Type: Continuous Width: 8 Format: Numeric

CHILDREN_HQ: HQ 1st: Would any children be allowed to use this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 479 Invalid: 481 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	305	63.7%
1	Yes	174	36.3%
Sysmiss		481	

OUTDOOR_HQ: HQ 1st: Would you be comfortable leaving this lamp outdoor during the night?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 480 Invalid: 480 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	307	64%
1	Yes	173	36%

Sysmiss		480	

LENDING_HQ: HQ 1st: Would you consider lending this lamp to non-household people?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 473 Invalid: 487 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	372	78.6%
1	Yes	101	21.4%
Sysmiss		487	

RAINS_HQ: HQ 1st: Would you feel comfortable leaving this lamp outdoor when it rains?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 474 Invalid: 486 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	457	96.4%
1	Yes	17	3.6%
Sysmiss		486	

ALTER_HQ: HQ 1st: Would you consider altering this lamp to make it more functional?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 478 Invalid: 482 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	471	98.5%
1	Yes	7	1.5%
Sysmiss		482	

MKTPRICE_HQ: HQ 1st: How much do you think this lamp costs at the shop/market? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 500 Maximum: 22500
Type: Continuous Width: 8 Format: Numeric

LIGHTHRS_HQ: HQ 1st: How many hours do you think you can use this fully-charged lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 1 Maximum: 24
Type: Continuous Width: 8 Format: Numeric

LIGHTSURFACE_HQ: HQ 1st: What room surface would you expect to be able to light with this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 461 Invalid: 499 Minimum: 1 Maximum: 99
Type: Discrete Width: 38 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	

1	A small room, smaller than 2x2 m	4	0.9%
2	A medium room, between 2x2 m and 5x5 m	172	37.3%
3	A large room, larger than 5x5 m	283	61.4%
99	Other, specify	2	0.4%
Sysmiss		499	

EXPQUALITY_HQ: HQ 1st: On the whole, how would you rate the quality of this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 455 Invalid: 505 Minimum: 3 Maximum: 5
Type: Discrete Width: 17 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Very poor	0	
2	Poor	0	
3	Accetpable	76	16.7%
4	Good	272	59.8%
5	Excellent	107	23.5%
Sysmiss		505	

MAINUSE_HQ: HQ 1st: What would be the main use you would make of this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 479 Invalid: 481 Minimum: 1 Maximum: 99
Type: Discrete Width: 80 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Studying	268	55.9%

2	Working in the house	36	7.5%
3	Working outside the house, e.g. in the fields	9	1.9%
4	Socializing/leisure time	5	1%
5	Doing chores inside the house (cleaning the house, washing up, tidying up, etc.)	5	1%
6	Doing chores outside the house (fetching wood/water, looking after domestic anim	4	0.8%
7	Lighting the house for security purposes	138	28.8%
99	Other - specify	14	2.9%
Sysmiss		481	

SECONDUSE_HQ: HQ 1st: What would be the secondary use you would make of this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 470 Invalid: 490 Minimum: 1 Maximum: 99
Type: Discrete Width: 80 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Studying	109	23.2%
2	Working in the house	76	16.2%
3	Working outside the house, e.g. in the fields	5	1.1%
4	Socializing/leisure time	35	7.4%
5	Doing chores inside the house (cleaning the house, washing up, tidying up, etc.)	37	7.9%
6	Doing chores outside the house (fetching wood/water, looking after domestic anim	19	4%
7	Lighting the house for security purposes	172	36.6%
99	Other - specify	17	3.6%
Sysmiss		490	

DAYUSEYN_HQ: HQ 1st: Would you use this lamp during the day (at daylight)?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 479 Invalid: 481 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	457	95.4%
1	Yes	22	4.6%
Sysmiss		481	

RESTRICTED_HQ: HQ 1st: Would everyone in the household be allowed to use this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 480 Invalid: 480 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	237	49.4%
1	Yes	243	50.6%
Sysmiss		480	

RESISTTIME_LQ: LQ 2nd: How long do you think this lamp would last? (months)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 120
Type: Continuous Width: 8 Format: Numeric

MKTPRICE_LQ: LQ 2nd: How much do you think this lamp costs at the shop/market? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 350 Maximum: 30000
Type: Continuous Width: 8 Format: Numeric

LIGHTHRS_LQ: LQ 2nd: How many hours do you think you can use this fully-charged lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 24
Type: Continuous Width: 8 Format: Numeric

LIGHTSURFACE_LQ: LQ 2nd: What room surface would you expect to be able to light with this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 452 Invalid: 508 Minimum: 1 Maximum: 99
Type: Discrete Width: 38 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
1	A small room, smaller than 2x2 m	12	2.7%
2	A medium room, between 2x2 m and 5x5 m	171	37.8%
3	A large room, larger than 5x5 m	265	58.6%
99	Other, specify	4	0.9%
Sysmiss		508	

EXPQUALITY_LQ: LQ 2nd: On the whole, how would you rate the quality of this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 445 Invalid: 515 Minimum: 2 Maximum: 5
Type: Discrete Width: 17 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Very poor	0	

2	Poor	7	1.6%
3	Accetpable	111	24.9%
4	Good	249	56%
5	Excellent	78	17.5%
Sysmiss		515	

RESISTTIME_LQ_REV: LQ 1st: How long do you think this lamp would last? (months)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 9.2211202370411E+18
Type: Continuous Width: 8 Format: Numeric

MKTPRICE_LQ_REV: LQ 1st: How much do you think this lamp costs at the shop/market? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: -9 Maximum: 25000
Type: Continuous Width: 8 Format: Numeric

LIGHTHRS_LQ_REV: LQ 1st: ow many hours do you think you can use this fully-charged lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 9.2211202370411E+18
Type: Continuous Width: 8 Format: Numeric

LIGHTSURFACE_LQ_REV: LQ 1st: What room surface would you expect to be able to light with this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 449 Invalid: 511 Minimum: 1 Maximum: 3
Type: Discrete Width: 38 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	

1	A small room, smaller than 2x2 m	11	2.4%
2	A medium room, between 2x2 m and 5x5 m	193	43%
3	A large room, larger than 5x5 m	245	54.6%
99	Other, specify	0	
Sysmiss		511	

EXPQUALITY_LQ_REV: LQ 1st: On the whole, how would you rate the quality of this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 922 Invalid: 38 Minimum: 1 Maximum: 72340172838076670
Type: Discrete Width: 17 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Very poor	2	0.2%
2	Poor	7	0.8%
3	Accetpable	93	10.1%
4	Good	281	30.5%
5	Excellent	58	6.3%
140363893311472		1	0.1%
140363898595024		1	0.1%
7.234017283807667e+16		479	52%
Sysmiss		38	

RESISTTIME_HQ_REV: HQ 2nd: How long do you think this lamp would last? (months)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 1 Maximum: 72340172838076670
Type: Continuous Width: 8 Format: Numeric

CHILDREN_HQ_REV: HQ 2nd: Would any children be allowed to use this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 471 Invalid: 489 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	303	64.3%
1	Yes	168	35.7%
Sysmiss		489	

OUTDOOR_HQ_REV: HQ 2nd: Would you be comfortable leaving this lamp outdoor during the night?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 476 Invalid: 484 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	312	65.5%
1	Yes	164	34.5%
Sysmiss		484	

LENDING_HQ_REV: HQ 2nd: Would you consider lending this lamp to non-household people?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 473 Invalid: 487 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	379	80.1%
1	Yes	94	19.9%
Sysmiss		487	

RESTRICTED_HQ_REV: HQ 2nd: Would everyone in the household be allowed to use this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 477 Invalid: 483 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	239	50.1%
1	Yes	238	49.9%
Sysmiss		483	

RAINS_HQ_REV: HQ 2nd: Would you feel comfortable leaving the lantern outdoor when it rains?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 475 Invalid: 485 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	462	97.3%
1	Yes	13	2.7%

Sysmiss		485	

ALTER_HQ_REV: HQ 2nd: Would you consider altering this lamp to make it more functional?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 478 Invalid: 482 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	469	98.1%
1	Yes	9	1.9%
Sysmiss		482	

MKTPRICE_HQ_REV: HQ 2nd: How much do you think this lamp costs at the shop/market? (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 400 Maximum: 22000
Type: Continuous Width: 8 Format: Numeric

LIGHTHRS_HQ_REV: HQ 2nd: How many hours do you think you can use this fully-charged lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 1 Maximum: 72340172838076670
Type: Continuous Width: 8 Format: Numeric

LIGHTSURFACE_HQ_REV: HQ 2nd: What room surface would you expect to be able to light with this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 451 Invalid: 509 Minimum: 1 Maximum: 99

Type: Discrete Width: 38 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
1	A small room, smaller than 2x2 m	5	1.1%
2	A medium room, between 2x2 m and 5x5 m	151	33.5%
3	A large room, larger than 5x5 m	294	65.2%
99	Other, specify	1	0.2%
Sysmiss		509	

EXPQUALITY_HQ_REV: HQ 2nd: On the whole, how would you rate the quality of this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 928 Invalid: 32 Minimum: 2 Maximum: 72340172838076670
Type: Discrete Width: 17 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Very poor	0	
2	Poor	1	0.1%
3	Accetpable	70	7.5%
4	Good	265	28.6%
5	Excellent	111	12%
140363893311376		1	0.1%
140363898403424		1	0.1%
7.234017283807667e+16		479	51.6%
Sysmiss		32	

MAINUSE_HQ_REV: HQ 2nd: What would be the main use you would make of this lamp? (other)

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 479 Invalid: 481 Minimum: 1 Maximum: 99
Type: Discrete Width: 80 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Studying	256	53.4%
2	Working in the house	45	9.4%
3	Working outside the house, e.g. in the fields	3	0.6%
4	Socializing/leisure time	7	1.5%
5	Doing chores inside the house (cleaning the house, washing up, tidying up, etc.)	13	2.7%
6	Doing chores outside the house (fetching wood/water, looking after domestic anim	1	0.2%
7	Lighting the house for security purposes	133	27.8%
99	Other - specify	21	4.4%
Sysmiss		481	

SECONDUSE_HQ_REV: HQ 2nd: What would be the secondary use you would make of this lamp?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 467 Invalid: 493 Minimum: 1 Maximum: 99
Type: Discrete Width: 80 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Studying	112	24%
2	Working in the house	72	15.4%
3	Working outside the house, e.g. in the fields	11	2.4%
4	Socializing/leisure time	31	6.6%
5	Doing chores inside the house (cleaning the house, washing up, tidying up, etc.)	45	9.6%
6	Doing chores outside the house (fetching wood/water, looking after domestic anim	11	2.4%
7	Lighting the house for security purposes	159	34%

99	Other - specify	26	5.6%
Sysmiss		493	

DAYUSEYN_HQ_REV: HQ 2nd: Would you use this lamp during the day (at daylight)?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 478 Invalid: 482 Minimum: 0 Maximum: 1
Type: Discrete Width: 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to respond	0	
0	No	460	96.2%
1	Yes	18	3.8%
Sysmiss		482	

WBINFO: To what extent would you (dis)agree: I trust the World Bank (1-5)

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 797 Invalid: 163 Minimum: 1 Maximum: 5
Type: Discrete Width: 26 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Strongly agree	261	32.7%
2	Agree	425	53.3%
3	Neither agree nor disagree	96	12%
4	Disagree	12	1.5%
5	Strongly disagree	3	0.4%
Sysmiss		163	

TOTALINFO: To what extent would you (dis)agree: I trust Total (1-5)

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 765 Invalid: 195 Minimum: 1 Maximum: 5
Type: Discrete Width: 26 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Strongly agree	201	26.3%
2	Agree	427	55.8%
3	Neither agree nor disagree	117	15.3%
4	Disagree	12	1.6%
5	Strongly disagree	8	1%
Sysmiss		195	

GOVINFO: To what extent would you (dis)agree: I trust NGOs and associations (1-5)

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 795 Invalid: 165 Minimum: 1 Maximum: 5
Type: Discrete Width: 26 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
-9	Don't know	0	
-8	Refusal to answer	0	
1	Strongly agree	174	21.9%
2	Agree	432	54.3%
3	Neither agree nor disagree	151	19%
4	Disagree	25	3.1%
5	Strongly disagree	13	1.6%
Sysmiss		165	

PRICEOFFERED_HQ: Final bid for HQ lamp (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 100 Maximum: 22500
Type: Continuous Width: 9 Format: character

HQ_PRICEDRAWN: Price drawn for HQ lamp (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Type: Continuous Width: 9 Format: character

PRICEOFFERED_LQ: Final bid for LQ lamp (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Minimum: 0 Maximum: 30000
Type: Continuous Width: 9 Format: character

LQ_PRICEDRAWN: Price drawn for LQ lamp (XOF)

Data file: QualitySignaling_Senegal_CleanData

Overview

Type: Continuous Width: 9 Format: character

LAMPRECEIVED: Lamp received after BDM

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 484 Invalid: 476 Minimum: 1 Maximum: 3
Type: Discrete Width: 21 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	HQ	462	95.5%
2	Black and yellow lamp	12	2.5%

3	Foldable lamp	10	2.1%
Sysmiss		476	

PAY_YN: Has the respondent actually paid the amount he promised in full?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 515 Invalid: 445 Minimum: 0 Maximum: 1
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	31	6%
1	Yes	484	94%
Sysmiss		445	

PAYREFUSAL: Why hasn't the respondent paid?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 31 Invalid: 929 Minimum: 1 Maximum: 99
Type: Discrete Width: 62 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Could not find cash	24	77.4%
2	Could not find money to transfer via Orange Money, Wari, etc.)	0	
98	Refused to pay	3	9.7%
99	Other, specify	4	12.9%
Sysmiss		929	

PAYREFUSAL_WHY: Further details from enumerator as to why the respondend has refused to pay.

Data file: QualitySignaling_Senegal_CleanData

Overview

Type: Continuous Width: 116 Format: character

PAYREFUSAL_QUAL: Further details from enumerator as to why the respondend has refused to pay.

Data file: QualitySignaling_Senegal_CleanData

Overview

Type: Continuous Width: 99 Format: character

PAY_HOW: How did the respondent pay?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 484 Invalid: 476 Minimum: 1 Maximum: 2
Type: Discrete Width: 33 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Mobile money (Orange, Wari, etc.)	1	0.2%
2	Cash	483	99.8%
99	Other, specify	0	
Sysmiss		476	

DEVICE_YN: Has the respondent received the device?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 484 Invalid: 476 Minimum: 1 Maximum: 1
Type: Discrete Width: 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	No	0	
1	Yes	484	100%
Sysmiss		476	

BDMTYPE: Lantern drawn for BDM price draw

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 960 Invalid: 0 Minimum: 1 Maximum: 2
Type: Discrete Width: 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	HQ drawn	869	90.5%
2	LQ drawn	91	9.5%

OUTCOME: Outcome of BDM price draw

Data file: QualitySignaling_Senegal_CleanData

Overview

Type: Continuous Width: 9 Format: character

STATUS: What is the status of the interview?

Data file: QualitySignaling_Senegal_CleanData

Overview

Valid: 960 Invalid: 0 Minimum: 1 Maximum: 1
Type: Discrete Width: 23 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Complete	960	100%
2	Partial	0	
3	Outright refusal	0	
4	Wrong contact person	0	
5	No pick-up	0	
6	Refused after BDM start	0	
99	Other	0	

study_resources

questionnaires

Questionnaire and codebook

title	Questionnaire and codebook
filename	Questionnaire.xlsx