

India - Improving Last-Mile Service Delivery using Phone-Based Monitoring Impact Evaluation 2018

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Identification

SURVEY ID NUMBER
IND_2018_ILMSDPBM-IE_v01_M

TITLE
Improving Last-Mile Service Delivery using Phone-Based Monitoring Impact Evaluation 2018

COUNTRY

Name	Country code
India	IND

STUDY TYPE
Administrative Records, Other (ad/oth]

ABSTRACT
Improving "last-mile" public-service delivery is a recurring challenge in developing countries. Could the widespread adoption of mobile phones provide a scalable, cost-effective means for improvement? We use a large-scale experiment to evaluate the impact of phone-based monitoring on a program that transferred nearly a billion dollars to 5.7 million Indian farmers. In randomly-selected jurisdictions, officials were informed that program implementation would be measured via calls with beneficiaries. This led to a 7.8% reduction in the number of farmers who did not receive their transfers. The program was highly cost-effective, costing 3.6 cents for each additional dollar delivered.

KIND OF DATA
Administrative records data [adm]

UNIT OF ANALYSIS
District, mandal, MAO, plot

Version

VERSION DESCRIPTION
v01: Edited, anonymized datasets for public distribution

VERSION DATE
2025-06-24T04:00:00.000Z

Scope

NOTES
This study covers topics related to state capacity, service delivery, and mobile phones.

KEYWORDS

Keyword
State Capacity
Service Delivery
Mobile Phones
India

Coverage

GEOGRAPHIC COVERAGE

Telangana, India

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
Jeffrey Weaver	University of Southern California
Karthik Muralidharan	UC San Diego, J-PAL, NBER, and BREAD
Paul Niehaus	UC San Diego, J-PAL, NBER, and BREAD
Sandip Sukhtankar	University of Virginia, J-PAL, and BREAD

FUNDING AGENCY/SPONSOR

Name	Abbreviation
Strategic Impact Evaluation Fund	SIEF

Sampling

SAMPLING PROCEDURE

Details on sampling and experimental design can be found on the AEA RCT Registry located here:

<https://www.socialscisearch.org/trials/2942>

Data collection

DATES OF DATA COLLECTION

Start	End	Cycle
2018-05-08	2018-09-26	All

DATA COLLECTION NOTES

Details on data collection can be found on the AEA RCT Registry located here:

<https://www.socialscisearch.org/trials/2942>

The following publication, available to download, is supplemented by the data in this project:

Muralidharan, Karthik, Paul Niehaus, Sandip Sukhtankar, and Jeffrey Weaver. "Improving Last-Mile Service Delivery Using Phone-Based Monitoring." *American Economic Journal: Applied Economics* 13, no. 2 (April 2021): 52-82.

<https://doi.org/10.1257/app.20190783>.

Questionnaires

QUESTIONNAIRES

All variable names and descriptions are included in the "readme.pdf" file, which is available to download.

Notes on the readme file:

- 1) For labels and descriptions of the variables in the BalanceTests4.dta dataset, refer to BalanceTests3.dta in the readme file. The variables appear there.
- 2) The rand and mandal_id variables in the miscdata.dta dataset and the dist_id, dist_mandal_uid_MC, and village_uid_MC variables in the mcdata.dta dataset are generated ID variables.

Data Processing

METHODOLOGY NOTES

Replication files are available to download.

Access policy

CONTACTS

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Karthik Muralidharan	UC San Diego, J-PAL, NBER, and BREAD		
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Jeffrey Weaver	University of Southern California		
Strategic Impact Evaluation Fund	The World Bank	siefimpact@worldbank.org	Link

CONFIDENTIALITY

ACCESS CONDITIONS

Public Access

CITATION REQUIREMENTS

Use of the dataset must be acknowledged using a citation which would include:

- the identification of the Primary Investigator
- the title of the survey (including country, acronym and year of implementation)
- the survey reference number
- the source and date of download

Example:

Jeffrey Weaver (University of Southern California), Karthik Muralidharan (UC San Diego, J-PAL, NBER, and BREAD), Paul Niehaus (UC San Diego, J-PAL, NBER, and BREAD) and Sandip Sukhtankar (University of Virginia, J-PAL, and BREAD). India - Improving Last-Mile Service Delivery using Phone-Based Monitoring Impact Evaluation 2018. Ref: IND_2018_ILMSDPBM-IE_v01_M. Dataset downloaded from [URL] on [date].

ACCESS AUTHORITY

Name	Affiliation	Email	URL
Strategic Impact Evaluation Fund	The World Bank	siefimpact@worldbank.org	Link

LOCATION OF DATA COLLECTION

World Bank Microdata Library

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.

Metadata production

DDI DOCUMENT ID

DDI_IND_2018_ILMSDPBM-IE_v01_M_WB

PRODUCERS

Name	Abbreviation	Affiliation	Role
Development Economics Data Group	DECDG	The World Bank	Documentation of the study

DATE OF METADATA PRODUCTION

2025-06-24T04:00:00.000Z

DDI DOCUMENT VERSION

Version 01 (June 2025)

Data Dictionary

Data file	Cases	Variables
admindata This dataset contains variables from the land registry of all farmers in the state, the administrative dataset for Rythu Bandhu with check encashment outcomes, and some variables from the phone survey that are used in the primary analysis. The data set is at the plot level, as in the land registry.	5797429	23
balancetests1 This dataset contains the full set of variables from the land registry that are used for balance tests.	548	9
balancetests2 This dataset contains the full set of variables from the 2011 Census and other federal datasets that are used for balance tests.	548	13
balancetests3 This dataset contains the full set of variables from administrative records housed with the state government that are used for balance tests.	548	10
balancetests4 This dataset contains the full set of variables from administrative records housed with the state government that are used for balance tests.	548	13
costeffectiveness This dataset contains the daily total value of checks encashed in treatment and control mandals, and the total value of checks that are eligible for encashment in treatment and control mandals.	546	138
landsizevector This dataset contains the exact value of land size for each of the farmers in the dataset.	5733025	1
phonedata This dataset contains the set of variables from the phone survey (apart from check receipt and encashment) that are used in the final analysis.	22565	7
miscdata This dataset contains data at the mandal level, with a limited number of variables that are used to test for spillovers across mandals and whether the treatment affected other MAO activities.	564	16
mcdata This dataset contains a limited set of variables, including adjusted encashment outcomes and village, mandal and district identifiers.	5733053	15

Data file: admindata

This dataset contains variables from the land registry of all farmers in the state, the administrative dataset for Rythu Bandhu with check encashment outcomes, and some variables from the phone survey that are used in the primary analysis. The data set is at the plot level, as in the land registry.

Cases: 5797429

Variables: 23

Variables

ID	Name	Label	Question
V1	dist_mandal_uid	Mandal ID	
V2	treatment	Treatment	
V3	mao_id	MAO ID	
V4	strata	Strata ID	
V5	adj_encash	Encashment dummy (adjusted for call date)	
V6	dist_uid	District ID	
V7	hasmobile	Farmer has a phone number (= 1)	
V8	encash_days	Days taken to encash	
V9	admin_dist	Ever distributed	
V10	admin_encash	Ever encashed	
V11	a1	Check receipt dummy from phone survey	
V12	b3	Check encashment dummy from phone survey	
V13	sampled	Sampled for phone survey	
V14	sampled_completed	Phone survey completed	
V15	unique_farmer_tag	Farmer unique tag	
V16	land_q	Quartiles of land size	
V17	encash_date	Date of Encashment	
V18	mao_sampled	Sampled for MAO survey	
V19	mao_surveyed	Completed MAO survey	
V20	admin_encash_ontime	Encashed on time	
V21	encash_days_report	Days to encashment for report	
V22	report	Report dummy	
V23	landsize_q25	Land size bins (2.5% each)	

Total: 23

Data file: balancetests1

This dataset contains the full set of variables from the land registry that are used for balance tests.

Cases: 548

Variables: 9

Variables

ID	Name	Label	Question
V24	treatment	Treatment	
V25	num_farmers	Farmers per MAO	
V26	p25_landsize	Land Size - 25th Percentile	
V27	p50_landsize	Median Land Size	
V28	p75_landsize	Land Size - 75th Percentile	
V29	landsize	Land Ownership (acres)	
V30	hasmobile	Registered Mobile Numbers	
V31	mao_id1	MAO identifier	
V32	strata1	Strata identifier	

Total: 9

Data file: balancetests2

This dataset contains the full set of variables from the 2011 Census and other federal datasets that are used for balance tests.

Cases:	548
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Variables:	13
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Variables

ID	Name	Label	Question
V33	treatment	Treatment	
V34	tot_pop	Mandal population	
V35	paddy	Share of villages with paddy as main crop	
V36	power_all	Share of electrified villages	
V37	dist_hyd	Average village distance from Hyderabad	
V38	irr_area	Share of irrigated land	
V39	female_pop	Share of female population	
V40	sc_pop	Share of SC population	
V41	st_pop	Share of ST population	
V42	literacy	Literacy rate in mandal	
V43	work_pop	Share of working population	
V44	mao_id2	MAO identifier	
V45	strata2	Strata identifier	

Total: 13

Data file: balancetests3

This dataset contains the full set of variables from administrative records housed with the state government that are used for balance tests.

Cases:	548
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Variables:	10
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Variables

ID	Name	Label	Question
V46	treatment	Treatment	
V47	rainfall	Average rainfall in mandal 2013-17 (mm)	
V48	nearest_bank	Average distance to nearest bank	
V49	atm_dist_cont	Average distance to nearest ATM	
V50	pucca_road	Share of villages with all-weather road	
V51	hhshare_banking	Share of HHs using banking services	
V52	hhshare_mobile	Share of HHs owning mobile phones	
V53	allbanks_total	Number of banks in mandal	
V54	mao_id3	MAO identifier	
V55	strata3	Strata identifier	

Total: 10

Data file: balancetests4

This dataset contains the full set of variables from administrative records housed with the state government that are used for balance tests.

Cases: 548

Variables: 13

Variables

ID	Name	Label	Question
V56	treatment	Treatment	
V57	mao_age	Age of MAO	
V58	mao_gender	Gender of MAO (Female = 1)	
V59	num_samples_17	Number of SHC samples (2017)	
V60	shc_farmers_17	No. of farmers covered by SHCs (2017)	
V61	tests_entered_17	SHC tests conducted (2017)	
V62	shc_available_17	SHCs available on portal (2017)	
V63	num_samples_16	Number of SHC samples (2016)	
V64	shc_farmers_16	No. of farmers covered by SHCs (2016)	
V65	tests_entered_16	SHC tests conducted (2016)	
V66	shc_available_16	SHCs available on portal (2016)	
V67	mao_id4	MAO identifier	
V68	strata4	Strata identifier	

Total: 13

Data file: costeffectiveness

This dataset contains the daily total value of checks encashed in treatment and control mandals, and the total value of checks that are eligible for encashment in treatment and control mandals.

Cases: 546

Variables: 138

Variables

ID	Name	Label	Question
V69	treatment	Treatment dummy	
V70	value_21314	(sum) value_21314	
V71	value_21315	(sum) value_21315	
V72	value_21316	(sum) value_21316	
V73	value_21317	(sum) value_21317	
V74	value_21318	(sum) value_21318	
V75	value_21319	(sum) value_21319	
V76	value_21320	(sum) value_21320	
V77	value_21321	(sum) value_21321	
V78	value_21322	(sum) value_21322	
V79	value_21323	(sum) value_21323	
V80	value_21324	(sum) value_21324	
V81	value_21325	(sum) value_21325	
V82	value_21326	(sum) value_21326	
V83	value_21327	(sum) value_21327	
V84	value_21328	(sum) value_21328	
V85	value_21329	(sum) value_21329	
V86	value_21330	(sum) value_21330	
V87	value_21331	(sum) value_21331	
V88	value_21332	(sum) value_21332	
V89	value_21333	(sum) value_21333	
V90	value_21334	(sum) value_21334	
V91	value_21335	(sum) value_21335	
V92	value_21336	(sum) value_21336	
V93	value_21337	(sum) value_21337	
V94	value_21338	(sum) value_21338	
V95	value_21339	(sum) value_21339	
V96	value_21340	(sum) value_21340	
V97	value_21341	(sum) value_21341	
V98	value_21342	(sum) value_21342	
V99	value_21343	(sum) value_21343	
V100	value_21344	(sum) value_21344	
V101	value_21345	(sum) value_21345	
V102	value_21346	(sum) value_21346	
V103	value_21347	(sum) value_21347	
V104	value_21348	(sum) value_21348	

ID	Name	Label	Question
V105	value_21349	(sum) value_21349	
V106	value_21350	(sum) value_21350	
V107	value_21351	(sum) value_21351	
V108	value_21352	(sum) value_21352	
V109	value_21353	(sum) value_21353	
V110	value_21354	(sum) value_21354	
V111	value_21355	(sum) value_21355	
V112	value_21356	(sum) value_21356	
V113	value_21357	(sum) value_21357	
V114	value_21358	(sum) value_21358	
V115	value_21359	(sum) value_21359	
V116	value_21360	(sum) value_21360	
V117	value_21361	(sum) value_21361	
V118	value_21362	(sum) value_21362	
V119	value_21363	(sum) value_21363	
V120	value_21364	(sum) value_21364	
V121	value_21365	(sum) value_21365	
V122	value_21366	(sum) value_21366	
V123	value_21367	(sum) value_21367	
V124	value_21368	(sum) value_21368	
V125	value_21369	(sum) value_21369	
V126	value_21370	(sum) value_21370	
V127	value_21371	(sum) value_21371	
V128	value_21372	(sum) value_21372	
V129	value_21373	(sum) value_21373	
V130	value_21374	(sum) value_21374	
V131	value_21375	(sum) value_21375	
V132	value_21376	(sum) value_21376	
V133	value_21377	(sum) value_21377	
V134	value_21378	(sum) value_21378	
V135	value_21379	(sum) value_21379	
V136	value_21380	(sum) value_21380	
V137	value_21381	(sum) value_21381	
V138	value_21382	(sum) value_21382	
V139	value_21383	(sum) value_21383	
V140	value_21384	(sum) value_21384	
V141	value_21385	(sum) value_21385	
V142	value_21386	(sum) value_21386	
V143	value_21387	(sum) value_21387	
V144	value_21388	(sum) value_21388	
V145	value_21389	(sum) value_21389	
V146	value_21390	(sum) value_21390	
V147	value_21391	(sum) value_21391	
V148	value_21392	(sum) value_21392	
V149	value_21393	(sum) value_21393	

ID	Name	Label	Question
V150	value_21394	(sum) value_21394	
V151	value_21395	(sum) value_21395	
V152	value_21396	(sum) value_21396	
V153	value_21397	(sum) value_21397	
V154	value_21398	(sum) value_21398	
V155	value_21399	(sum) value_21399	
V156	value_21400	(sum) value_21400	
V157	value_21401	(sum) value_21401	
V158	value_21402	(sum) value_21402	
V159	value_21403	(sum) value_21403	
V160	value_21404	(sum) value_21404	
V161	value_21405	(sum) value_21405	
V162	value_21406	(sum) value_21406	
V163	value_21407	(sum) value_21407	
V164	value_21408	(sum) value_21408	
V165	value_21409	(sum) value_21409	
V166	value_21410	(sum) value_21410	
V167	value_21412	(sum) value_21412	
V168	value_21413	(sum) value_21413	
V169	value_21414	(sum) value_21414	
V170	value_21415	(sum) value_21415	
V171	value_21416	(sum) value_21416	
V172	value_21417	(sum) value_21417	
V173	value_21419	(sum) value_21419	
V174	value_21420	(sum) value_21420	
V175	value_21421	(sum) value_21421	
V176	value_21423	(sum) value_21423	
V177	value_21424	(sum) value_21424	
V178	value_21425	(sum) value_21425	
V179	value_21426	(sum) value_21426	
V180	value_21427	(sum) value_21427	
V181	value_21428	(sum) value_21428	
V182	value_21430	(sum) value_21430	
V183	value_21431	(sum) value_21431	
V184	value_21432	(sum) value_21432	
V185	value_21433	(sum) value_21433	
V186	value_21434	(sum) value_21434	
V187	value_21435	(sum) value_21435	
V188	value_21436	(sum) value_21436	
V189	value_21437	(sum) value_21437	
V190	value_21438	(sum) value_21438	
V191	value_21439	(sum) value_21439	
V192	value_21440	(sum) value_21440	
V193	value_21441	(sum) value_21441	
V194	value_21442	(sum) value_21442	

ID	Name	Label	Question
V195	value_21443	(sum) value_21443	
V196	value_21444	(sum) value_21444	
V197	value_21445	(sum) value_21445	
V198	value_21446	(sum) value_21446	
V199	value_21447	(sum) value_21447	
V200	value_21448	(sum) value_21448	
V201	value_21449	(sum) value_21449	
V202	value_21451	(sum) value_21451	
V203	value_21452	(sum) value_21452	
V204	value_21453	(sum) value_21453	
V205	value_21454	(sum) value_21454	
V206	land_sum	Total land size owned by farmers in the treatment and control mandals	

Total: 138

Data file: landsizevector

This dataset contains the exact value of land size for each of the farmers in the dataset.

Cases: 5733025

Variables: 1

Variables

ID	Name	Label	Question
V207	landsize	Farmer land size (in acres)	

Total: 1

Data file: phonedata

This dataset contains the set of variables from the phone survey (apart from check receipt and encashment) that are used in the final analysis.

Cases: 22565

Variables: 7

Variables

ID	Name	Label	Question
V208	a6_chq_where_y	Received at Gram Sabha	
V209	a8_bribe_y	Asked to Pay Bribe	
V210	treatment	Treatment	
V211	b7_satisfied_y	Satisfied with Scheme	
V212	mao_id	MAO ID	
V213	strata	Strata ID	
V214	weight	Inverse sampling probability	

Total: 7

Data file: miscdata

This dataset contains data at the mandal level, with a limited number of variables that are used to test for spillovers across mandals and whether the treatment affected other MAO activities.

Cases: 564

Variables: 16

Variables

ID	Name	Label	Question
V215	strata	Strata ID	
V216	mao_id	MAO ID	
V217	dist_uid	District ID	
V218	treatment	Treatment	
V219	num_samples_18	Number of SHC samples	
V220	shc_farmers_18	No. of farmers covered by SHCs	
V221	tests_entered_18	SHC tests conducted	
V222	shc_available_18	SHCs available on portal	
V223	admin_encash	Dummy for check encashment, based on administrative bank records of check encashment	
V224	admin_dist	Dummy variable for whether the MAO reported distributing the check, based on MAO database	
V225	trt_ada	Number of treatment mandals in the revenue division	
V226	mandals_ada	Number of mandals in the revenue division	
V227	ada_code	Code for the revenue division	
V228	rand	Generated ID variable	
V229	mandal_id	Generated ID variable	
V230	dist_mandal_uid	Mandal identifier	

Total: 16

Data file: mcdata

This dataset contains a limited set of variables, including adjusted encashment outcomes and village, mandal and district identifiers.

Cases: 5733053

Variables: 15

Variables

ID	Name	Label	Question
V231	dist_id	Generated ID variable	
V232	dist_mandal_uid	Mandal ID	
V233	dist_mandal_uid_MC	Generated ID variable	
V234	village_uid	Village ID	
V235	farmer_uid	Farmer ID	
V236	mao_id	MAO ID	
V237	dist_uid	District ID	
V238	village_uid_MC	Generated ID variable	
V239	farmer_pop	Farmer population in treatment mandals	
V240	num_of_villages	Number of villages in treatment mandals	
V241	treatment	Treatment	
V242	strata	Strata ID	
V243	adj_encash	Encashment dummy (adjusted for call date)	
V244	land_v_q	Village level land size quintiles	
V245	land_m_q	Mandal level land size quintiles	

Total: 15

DIST_MANDAL_UID: Mandal ID**Data file:** admindata**Overview**

Valid: 5797429

Type: Continuous Width: 9 Range: - Format: character

ADMIN_ENCASH: Ever encashed**Data file:** admindata**Overview**

Valid: 5797428 Minimum: 0.0 Maximum: 1.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

TREATMENT: Treatment**Data file:** admindata**Overview**

Valid: 5674986 Minimum: 0.0 Maximum: 1.0

Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

MAO_ID: MAO ID**Data file:** admindata**Overview**

Valid: 5797428 Minimum: 1.0 Maximum: 992809.0

Type: Continuous Width: 36 Range: - Format: Numeric

STRATA: Strata ID**Data file: admindata****Overview**

Valid: 5684702 Minimum: 1.0 Maximum: 54.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	
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ADJ_ENCASH: Encashment dummy (adjusted for call date)

Data file: admindata

Overview

Valid: 5797429 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

DIST_UID: District ID**Data file: admindata****Overview**

Valid: 5797429 Minimum: 1.0 Maximum: 30.0
 Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	
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HASMOBILE: Farmer has a phone number (= 1)**Data file:** admindata**Overview**

Valid: 5797400 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

ENCASH_DAYS: Days taken to encash**Data file:** admindata**Overview**

Valid: 4786815 Minimum: 2.0 Maximum: 150.0
 Type: Continuous Width: 9 Range: - Format: Numeric

ADMIN_DIST: Ever distributed**Data file:** admindata**Overview**

Valid: 5797428 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

A1: Check receipt dummy from phone survey**Data file:** admindata**Overview**

Valid: 22305 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

B3: Check encashment dummy from phone survey

Data file: admindata

Overview

Valid: 22254 Minimum: 0.0 Maximum: 1.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

SAMPLED: Sampled for phone survey

Data file: admindata

Overview

Valid: 5797429 Minimum: 0.0 Maximum: 1.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

SAMPLED_COMPLETED: Phone survey completed

Data file: admindata

Overview

Valid: 5797429 Minimum: 0.0 Maximum: 1.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

UNIQUE_FARMER_TAG: Farmer unique tag

Data file: admindata

Overview

Valid: 5797429 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

LAND_Q: Quartiles of land size

Data file: admindata

Overview

Valid: 5797400 Minimum: 1.0 Maximum: 4.0
 Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	
2	
3	
4	

ENCASH_DATE: Date of Encashment

Data file: admindata

Overview

Valid: 4803630

Type: Continuous Range: - Format: Numeric

MAO_SAMPLED: Sampled for MAO survey

Data file: admindata

Overview

Valid: 4348248 Minimum: 0.0 Maximum: 1.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

MAO_SURVEYED: Completed MAO survey

Data file: admindata

Overview

Valid: 4348248 Minimum: 0.0 Maximum: 1.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

ADMIN_ENCASH_ONTIME: Encashed on time

Data file: admindata

Overview

Valid: 5797429 Minimum: 0.0 Maximum: 1.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

ENCASH_DAYS_REPORT: Days to encashment for report

Data file: admindata

Overview

Valid: 5797428 Minimum: 0.0 Maximum: 139.0
 Type: Continuous Width: 9 Range: - Format: Numeric

REPORT: Report dummy

Data file: admindata

Overview

Valid: 5797429 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

LANDSIZE_Q25: Land size bins (2.5% each)

Data file: admindata

Overview

Valid: 5797400 Minimum: 0.02500000037252903 Maximum: 1.0
 Type: Continuous Width: 9 Range: - Format: Numeric

TREATMENT: Treatment**Data file:** balancetests1**Overview**

Valid: 548 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

NUM_FARMERS: Farmers per MAO**Data file:** balancetests1**Overview**

Valid: 548 Minimum: 8.0 Maximum: 22311.0
 Type: Continuous Width: 9 Range: - Format: Numeric

P25_LANDSIZE: Land Size - 25th Percentile**Data file:** balancetests1**Overview**

Valid: 548 Minimum: 0.0625 Maximum: 2.259999990463257
 Type: Continuous Width: 9 Range: - Format: Numeric

P50_LANDSIZE: Median Land Size**Data file:** balancetests1**Overview**

Valid: 548 Minimum: 0.1899999976158142 Maximum: 4.019999980926514
 Type: Continuous Width: 9 Range: - Format: Numeric

P75_LANDSIZE: Land Size - 75th Percentile**Data file:** balancetests1**Overview**

Valid: 548 Minimum: 1.0299999713897705 Maximum: 6.090000152587891
 Type: Continuous Width: 9 Range: - Format: Numeric

LANDSIZE: Land Ownership (acres)**Data file:** balancetests1**Overview**

Valid: 548 Minimum: 0.8494561314582825 Maximum: 4.550474166870117

Type: Continuous Width: 9 Range: - Format: Numeric

HASMOBILE: Registered Mobile Numbers**Data file:** balancetests1**Overview**

Valid: 548 Minimum: 0.021373767405748367 Maximum: 1.0

Type: Continuous Width: 9 Range: - Format: Numeric

MAO_ID1: MAO identifier**Data file:** balancetests1**Overview**

Valid: 548 Minimum: 1.0 Maximum: 548.0

Type: Continuous Width: 9 Range: - Format: Numeric

STRATA1: Strata identifier**Data file:** balancetests1**Overview**

Valid: 548 Minimum: 1.0 Maximum: 362.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	
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120	
128	
157	
166	
187	
211	
213	

221	
229	
238	
240	
247	
275	
362	

TREATMENT: Treatment**Data file:** balancetests2**Overview**

Valid: 548 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

TOT_POP: Mandal population**Data file:** balancetests2**Overview**

Valid: 548 Minimum: 15.0 Maximum: 412500.0
 Type: Continuous Width: 10 Range: - Format: Numeric

PADDY: Share of villages with paddy as main crop**Data file:** balancetests2**Overview**

Valid: 548 Minimum: 0.0 Maximum: 1.0
 Type: Continuous Width: 9 Range: - Format: Numeric

POWER_ALL: Share of electrified villages**Data file:** balancetests2**Overview**

Valid: 537 Minimum: 0.0 Maximum: 1.0
 Type: Continuous Width: 10 Range: - Format: Numeric

DIST_HYD: Average village distance from Hyderabad**Data file:** balancetests2**Overview**

Valid: 548 Minimum: 10.964034080505371 Maximum: 284.6852722167969
 Type: Continuous Width: 9 Range: - Format: Numeric

IRR_AREA: Share of irrigated land**Data file:** balancetests2**Overview**

Valid: 536 Minimum: 0.0 Maximum: 3.3174967765808105
 Type: Continuous Width: 9 Range: - Format: Numeric

FEMALE_POP: Share of female population**Data file:** balancetests2**Overview**

Valid: 548 Minimum: 0.4577842950820923 Maximum: 0.5340319275856018
 Type: Continuous Width: 9 Range: - Format: Numeric

SC_POP: Share of SC population**Data file:** balancetests2**Overview**

Valid: 548 Minimum: 0.0 Maximum: 0.3753848969936371
 Type: Continuous Width: 9 Range: - Format: Numeric

ST_POP: Share of ST population**Data file:** balancetests2**Overview**

Valid: 548 Minimum: 0.0 Maximum: 0.8956208825111389
 Type: Continuous Width: 9 Range: - Format: Numeric

LITERACY: Literacy rate in mandal**Data file:** balancetests2**Overview**

Valid: 548 Minimum: 0.1818181872367859 Maximum: 0.8441596627235413
 Type: Continuous Width: 9 Range: - Format: Numeric

WORK_POP: Share of working population**Data file:** balancetests2**Overview**

Valid: 548 Minimum: 0.30604344606399536 Maximum: 0.6591941118240356
 Type: Continuous Width: 9 Range: - Format: Numeric

MAO_ID2: MAO identifier**Data file:** balancetests2**Overview**

Valid: 548 Minimum: 1.0 Maximum: 548.0
 Type: Continuous Width: 9 Range: - Format: Numeric

STRATA2: Strata identifier**Data file:** balancetests2**Overview**

Valid: 548 Minimum: 1.0 Maximum: 408.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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121	
134	
149	
160	
183	
196	
236	
250	
291	
341	
380	
408	

TREATMENT: Treatment**Data file:** balancetests3**Overview**

Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

RAINFALL: Average rainfall in mandal 2013-17 (mm)**Data file:** balancetests3**Overview**Valid: 546 Minimum: 277.239990234375 Maximum: 1380.3199462890625
Type: Continuous Width: 9 Range: - Format: Numeric**NEAREST_BANK: Average distance to nearest bank****Data file:** balancetests3**Overview**Valid: 548 Minimum: 0.0 Maximum: 20.0
Type: Continuous Width: 9 Range: - Format: Numeric**ATM_DIST_CONT: Average distance to nearest ATM****Data file:** balancetests3**Overview**Valid: 548 Minimum: 0.0 Maximum: 20.0
Type: Continuous Width: 9 Range: - Format: Numeric**PUCCA_ROAD: Share of villages with all-weather road****Data file:** balancetests3**Overview**Valid: 537 Minimum: 0.0 Maximum: 1.0
Type: Continuous Width: 10 Range: - Format: Numeric

HSHARE_BANKING: Share of HHs using banking services**Data file:** balancetests3**Overview**

Valid: 548 Minimum: 0.0 Maximum: 0.8160771131515503
 Type: Continuous Width: 9 Range: - Format: Numeric

HSHARE_MOBILE: Share of HHs owning mobile phones**Data file:** balancetests3**Overview**

Valid: 548 Minimum: 0.0 Maximum: 0.7671767473220825
 Type: Continuous Width: 9 Range: - Format: Numeric

ALLBANKS_TOTAL: Number of banks in mandal**Data file:** balancetests3**Overview**

Valid: 548 Minimum: 0.0 Maximum: 55.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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MAO_ID3: MAO identifier

Data file: balancetests3

Overview

Valid: 548 Minimum: 1.0 Maximum: 548.0
 Type: Continuous Width: 9 Range: - Format: Numeric

STRATA3: Strata identifier

Data file: balancetests3

Overview

Valid: 548 Minimum: 1.0 Maximum: 448.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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138	
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154	
174	
200	
223	
362	

368	
448	

TREATMENT: Treatment**Data file:** balancetests4**Overview**

Valid: 548 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

MAO_AGE: Age of MAO**Data file:** balancetests4**Overview**

Valid: 495 Minimum: 24.0 Maximum: 58.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
24	
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MAO_GENDER: Gender of MAO (Female = 1)

Data file: balancetests4

Overview

Valid: 495 Minimum: 0.0 Maximum: 1.0

Type: Continuous Width: 10 Range: - Format: Numeric

NUM_SAMPLES_17: Number of SHC samples (2017)

Data file: balancetests4

Overview

Valid: 524 Minimum: 0.0 Maximum: 4128.0

Type: Continuous Width: 10 Range: - Format: Numeric

SHC_FARMERS_17: No. of farmers covered by SHCs (2017)

Data file: balancetests4

Overview

Valid: 524 Minimum: 0.0 Maximum: 15584.0

Type: Continuous Width: 10 Range: - Format: Numeric

TESTS_ENTERED_17: SHC tests conducted (2017)

Data file: balancetests4

Overview

Valid: 524 Minimum: 0.0 Maximum: 4094.0
 Type: Continuous Width: 10 Range: - Format: Numeric

SHC_AVAILABLE_17: SHCs available on portal (2017)

Data file: balancetests4

Overview

Valid: 524 Minimum: 0.0 Maximum: 15325.0
 Type: Continuous Width: 10 Range: - Format: Numeric

NUM_SAMPLES_16: Number of SHC samples (2016)

Data file: balancetests4

Overview

Valid: 523 Minimum: 0.0 Maximum: 6400.0
 Type: Continuous Width: 10 Range: - Format: Numeric

SHC_FARMERS_16: No. of farmers covered by SHCs (2016)

Data file: balancetests4

Overview

Valid: 524 Minimum: 0.0 Maximum: 22282.0
 Type: Continuous Width: 10 Range: - Format: Numeric

TESTS_ENTERED_16: SHC tests conducted (2016)

Data file: balancetests4

Overview

Valid: 524 Minimum: 0.0 Maximum: 4559.0
 Type: Continuous Width: 10 Range: - Format: Numeric

SHC_AVAILABLE_16: SHCs available on portal (2016)

Data file: balancetests4

Overview

Valid: 524 Minimum: 0.0 Maximum: 18354.0
 Type: Continuous Width: 10 Range: - Format: Numeric

MAO_ID4: MAO identifier**Data file:** balancetests4**Overview**

Valid: 548 Minimum: 1.0 Maximum: 548.0
 Type: Continuous Width: 9 Range: - Format: Numeric

STRATA4: Strata identifier**Data file:** balancetests4**Overview**

Valid: 548 Minimum: 1.0 Maximum: 400.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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197	
214	
248	
257	
308	
348	
400	

TREATMENT: Treatment dummy

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

VALUE_21314: (sum) value_21314

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 20927560.029296875
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21315: (sum) value_21315

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 13284760.01171875
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21316: (sum) value_21316

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 434548.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21317: (sum) value_21317

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 744500.0009765625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21318: (sum) value_21318

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 17782824.020507812
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21319: (sum) value_21319

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 19247601.612304688
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21320: (sum) value_21320

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 20603282.01123047
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21321: (sum) value_21321

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 43260630.416503906
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21322: (sum) value_21322

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 18324232.01953125
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21323: (sum) value_21323

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 17096164.028320312
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21324: (sum) value_21324

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1521668.0024414062
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21325: (sum) value_21325

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 17495480.020507812
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21326: (sum) value_21326

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 15889080.016601562
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21327: (sum) value_21327

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 16656960.016601562
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21328: (sum) value_21328

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 15193381.991210938
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21329: (sum) value_21329

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 13484640.01171875
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21330: (sum) value_21330

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1590409.6030273438
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21331: (sum) value_21331

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1235459.2021484375
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21332: (sum) value_21332

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 12573527.913085938
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21333: (sum) value_21333

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 11193880.004882812
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21334: (sum) value_21334

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 6142270.0048828125
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21335: (sum) value_21335

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 6407809.601074219
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21336: (sum) value_21336

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 12246639.997070312
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21337: (sum) value_21337

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 9111040.008789062
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21338: (sum) value_21338

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 125880.0
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21339: (sum) value_21339

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 11286880.008789062
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21340: (sum) value_21340

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 14991704.004882812
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21341: (sum) value_21341**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 7878400.0048828125

Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21342: (sum) value_21342**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 6958640.0068359375

Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21344: (sum) value_21344**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 40200.0

Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21345: (sum) value_21345**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 314310.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
200	
320	
560	
800	
1040	
1200	
1520	

4240	
4360	
4600	
4840	
5280	
6640	
8000	
8080	
8720	
8800	
9000	
9400	
12000	
12400	
12500	
12600	
13080	
14400	
16000	
16330	
16520	
17160	
17520	
20040	
20140	
20160	
20280	
20480	
20530	
24640	
28360	
28840	
33480	
33640	
34300	
48280	
53520	
143720	
186720	

216440	
314310	

VALUE_21346: (sum) value_21346**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 10426304.014648438
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21347: (sum) value_21347**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 4854320.0078125
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21348: (sum) value_21348**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 4523271.999267578
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21349: (sum) value_21349**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 4189140.0095214844
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21350: (sum) value_21350**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 4193822.0034179688
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21351: (sum) value_21351**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 13320.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
13320	

VALUE_21352: (sum) value_21352**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 140390.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21343: (sum) value_21343**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 6364984.022705078
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21353: (sum) value_21353**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 3189523.998046875
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21354: (sum) value_21354**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 4075980.005859375
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21355: (sum) value_21355

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 3798720.0
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21356: (sum) value_21356

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 2645130.0014648438
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21357: (sum) value_21357

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 3298680.001953125
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21358: (sum) value_21358

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 110640.0
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21359: (sum) value_21359

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 98560.0
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21360: (sum) value_21360

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 3112342.0036621094
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21361: (sum) value_21361

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 3830100.0009765625
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21362: (sum) value_21362

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 2509660.0009765625
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21363: (sum) value_21363

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1976739.9931640625
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21364: (sum) value_21364

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 2398660.0
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21365: (sum) value_21365

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1373959.9970703125
Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21366: (sum) value_21366

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 453620.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
620	
800	
1200	
1560	
4000	
5270	
5440	
8560	
8600	
9280	
11480	
21480	
453620	

VALUE_21367: (sum) value_21367

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 2559560.0009765625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21368: (sum) value_21368

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1888360.0947265625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21369: (sum) value_21369

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 5281615.199951172
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21370: (sum) value_21370

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1637399.974609375
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21371: (sum) value_21371

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1269000.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21372: (sum) value_21372

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1397280.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21373: (sum) value_21373

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 40760.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
560	
1200	
2280	
2400	

4000	
4720	
5040	
8480	
8880	
12120	
16960	
17200	
21480	
28000	
28920	
29440	
40760	

VALUE_21374: (sum) value_21374**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 1224960.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21375: (sum) value_21375**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 2946680.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21376: (sum) value_21376**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 2061080.0078125
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21377: (sum) value_21377**Data file: costeffectiveness**

Overview

Valid: 546 Minimum: 0.0 Maximum: 2539969.9775390625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21378: (sum) value_21378

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 2378060.001953125
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21379: (sum) value_21379

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 84700.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
320	
840	
1520	
5840	
13040	
22040	
29320	
84700	

VALUE_21380: (sum) value_21380

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 37680.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
680	
800	
8000	
8280	
9200	
9440	
9560	
16940	
21240	
32800	
37680	

VALUE_21381: (sum) value_21381

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 2089670.0043945312
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21382: (sum) value_21382

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1866799.9990234375
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21383: (sum) value_21383

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 2249484.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21384: (sum) value_21384

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1464894.0034179688

Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21385: (sum) value_21385

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1117590.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21386: (sum) value_21386

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 847080.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21387: (sum) value_21387

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 4000.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
740	
1000	
1200	
1440	
4000	

VALUE_21388: (sum) value_21388

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1475320.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21389: (sum) value_21389

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 3430760.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21390: (sum) value_21390

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1747822.00390625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21391: (sum) value_21391

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1196490.0004882812
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21392: (sum) value_21392

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1282800.0024414062
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21393: (sum) value_21393

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 12720.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1280	
2640	

12720

VALUE_21394: (sum) value_21394**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 25560.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21395: (sum) value_21395**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 2509830.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21396: (sum) value_21396**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 1949090.00390625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21397: (sum) value_21397**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 576500.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21398: (sum) value_21398**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 370480.0009765625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21399: (sum) value_21399**Data file: costeffectiveness**

Overview

Valid: 546 Minimum: 0.0 Maximum: 2511260.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21400: (sum) value_21400

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 415680.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21401: (sum) value_21401

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 940.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
940	

VALUE_21402: (sum) value_21402

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 3273680.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21403: (sum) value_21403

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 901200.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21404: (sum) value_21404

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 714512.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21405: (sum) value_21405

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 807120.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21406: (sum) value_21406

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 327820.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21407: (sum) value_21407

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 20400.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
20400	

VALUE_21408: (sum) value_21408

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 4680.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
4680	

VALUE_21409: (sum) value_21409

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 970330.0009765625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21410: (sum) value_21410

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 529920.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21412: (sum) value_21412

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 203600.001953125
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21413: (sum) value_21413

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 105160.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21414: (sum) value_21414

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 241040.0009765625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21415: (sum) value_21415**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 4240.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
4240	

VALUE_21416: (sum) value_21416**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 671200.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21417: (sum) value_21417**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 397080.0009765625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21419: (sum) value_21419**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 450160.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21420: (sum) value_21420**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 676080.0

Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21421: (sum) value_21421

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 400.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
400	

VALUE_21423: (sum) value_21423

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 757710.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21424: (sum) value_21424

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1010285.201171875
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21425: (sum) value_21425

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 805880.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21426: (sum) value_21426

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1945580.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21427: (sum) value_21427

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 810664.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21428: (sum) value_21428

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 2415280.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21430: (sum) value_21430

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 24560.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
160	
720	
1120	
1360	
4000	
4800	
8000	
8440	
8800	
9440	
9480	

12360	
16320	
16600	
18400	
20000	
24560	

VALUE_21431: (sum) value_21431**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 857120.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21432: (sum) value_21432**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 832320.0009765625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21433: (sum) value_21433**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 1062770.0009765625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21434: (sum) value_21434**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 1524290.0095214844
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21435: (sum) value_21435**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 8080.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
4100	
4800	
5480	
8080	

VALUE_21436: (sum) value_21436**Data file:** costeffectiveness**Overview**

Valid: 546 Minimum: 0.0 Maximum: 950.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
950	

VALUE_21437: (sum) value_21437**Data file:** costeffectiveness**Overview**

Valid: 546 Minimum: 0.0 Maximum: 553720.40234375

Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21438: (sum) value_21438**Data file:** costeffectiveness**Overview**

Valid: 546 Minimum: 0.0 Maximum: 1488280.0009765625

Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21439: (sum) value_21439

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 828388.0083007812
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21440: (sum) value_21440

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 64320.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21441: (sum) value_21441

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 1131960.0009765625
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21442: (sum) value_21442

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 329440.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21443: (sum) value_21443

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 4800.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
4000	
4800	

VALUE_21444: (sum) value_21444**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 1375760.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21445: (sum) value_21445**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 663040.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21446: (sum) value_21446**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 325200.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21447: (sum) value_21447**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 661680.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21448: (sum) value_21448**Data file: costeffectiveness****Overview**

Valid: 546 Minimum: 0.0 Maximum: 47000.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
500	

920	
1200	
1520	
4000	
4360	
4970	
5360	
8000	
8480	
8920	
12120	
12600	
47000	

VALUE_21449: (sum) value_21449**Data file:** costeffectiveness**Overview**

Valid: 546 Minimum: 0.0 Maximum: 50840.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
420	
50840	

VALUE_21451: (sum) value_21451**Data file:** costeffectiveness**Overview**

Valid: 546 Minimum: 0.0 Maximum: 242520.0
 Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21452: (sum) value_21452**Data file:** costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 116300.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
150	
240	
360	
480	
512	
540	
880	
920	
960	
1120	
1280	
1520	
2550	
2680	
4680	
4920	
5080	
5140	
5980	
8640	
12720	
13920	
16320	
24160	
25200	
37740	
42450	
44440	
47920	
69280	
116300	

VALUE_21453: (sum) value_21453

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 0.0 Maximum: 5143540.008300781

Type: Continuous Width: 9 Range: - Format: Numeric

VALUE_21454: (sum) value_21454

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 5280.0 Maximum: 62915589.21787262

Type: Continuous Width: 9 Range: - Format: Numeric

LAND_SUM: Total land size owned by farmers in the treatment and control mandals

Data file: costeffectiveness

Overview

Valid: 546 Minimum: 3160484.25 Maximum: 10421131.0

Type: Continuous Width: 9 Range: - Format: Numeric

LANDSIZE: Farmer land size (in acres)

Data file: landsizevector

Overview

Type: Continuous Width: 9 Range: - Format: Numeric

A6_CHQ_WHERE_Y: Received at Gram Sabha**Data file:** phonedata**Overview**

Valid: 19890 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

A8_BRIBE_Y: Asked to Pay Bribe**Data file:** phonedata**Overview**

Valid: 19830 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

TREATMENT: Treatment**Data file:** phonedata**Overview**

Valid: 22565 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

B7_SATISFIED_Y: Satisfied with Scheme**Data file:** phonedata**Overview**

Valid: 22329 Minimum: 0.0 Maximum: 1.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

MAO_ID: MAO ID**Data file:** phonedata**Overview**

Valid: 22565 Minimum: 1.0 Maximum: 992809.0

Type: Continuous Width: 36 Range: - Format: Numeric

STRATA: Strata ID**Data file:** phonedata**Overview**

Valid: 22527 Minimum: 1.0 Maximum: 54.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	
2	
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54	

WEIGHT: Inverse sampling probability

Data file: phonedata

Overview

Valid: 22565 Minimum: 1.0 Maximum: 166.6666717529297
 Type: Continuous Width: 9 Range: - Format: Numeric

STRATA: Strata ID**Data file: miscdata****Overview**

Valid: 564 Minimum: 1.0 Maximum: 55.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	
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MAO_ID: MAO ID

Data file: miscdata

Overview

Valid: 564 Minimum: 1.0 Maximum: 515.0
 Type: Continuous Width: 9 Range: - Format: Numeric

DIST_UID: District ID

Data file: miscdata

Overview

Valid: 564 Minimum: 1.0 Maximum: 30.0
 Type: Discrete Width: 10 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	
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TREATMENT: Treatment

Data file: miscdata

Overview

Valid: 548 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

NUM_SAMPLES_18: Number of SHC samples

Data file: miscdata

Overview

Valid: 514 Minimum: 0.0 Maximum: 3528.0
 Type: Continuous Width: 10 Range: - Format: Numeric

SHC_FARMERS_18: No. of farmers covered by SHCs

Data file: miscdata

Overview

Valid: 514 Minimum: 0.0 Maximum: 12985.0
 Type: Continuous Width: 10 Range: - Format: Numeric

TESTS_ENTERED_18: SHC tests conducted

Data file: miscdata

Overview

Valid: 514 Minimum: 0.0 Maximum: 2697.0
 Type: Continuous Width: 10 Range: - Format: Numeric

SHC_AVAILABLE_18: SHCs available on portal

Data file: miscdata

Overview

Valid: 514 Minimum: 0.0 Maximum: 12735.0
 Type: Continuous Width: 10 Range: - Format: Numeric

ADMIN_ENCASH: Dummy for check encashment, based on administrative bank records of check encashment**Data file:** miscdata**Overview**

Valid: 563 Minimum: 0.0 Maximum: 0.9861330389976501
 Type: Continuous Width: 9 Range: - Format: Numeric

ADMIN_DIST: Dummy variable for whether the MAO reported distributing the check, based on MAO database**Data file:** miscdata**Overview**

Valid: 563 Minimum: 0.0 Maximum: 1.0
 Type: Continuous Width: 9 Range: - Format: Numeric

TRT_ADA: Number of treatment mandals in the revenue division**Data file:** miscdata**Overview**

Valid: 531 Minimum: 0.0 Maximum: 4.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	
2	
3	
4	

MANDALS_ADA: Number of mandals in the revenue division**Data file:** miscdata**Overview**

Valid: 531 Minimum: 1.0 Maximum: 17.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	
2	
3	
4	
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10	
11	
17	

ADA_CODE: Code for the revenue division

Data file: miscdata

Overview

Valid: 531 Minimum: 1.0 Maximum: 107.0
 Type: Continuous Width: 9 Range: - Format: Numeric

RAND: Generated ID variable

Data file: miscdata

Overview

Valid: 564 Minimum: 0.00028227921575307846 Maximum: 0.9992638826370239
 Type: Continuous Width: 9 Range: - Format: Numeric

MANDAL_ID: Generated ID variable

Data file: miscdata

Overview

Valid: 564
 Type: Continuous Width: 9 Range: - Format: character

DIST_MANDAL_UID: Mandal identifier

Data file: miscdata

Overview

Valid: 564
 Type: Continuous Width: 9 Range: - Format: character

DIST_ID: Generated ID variable**Data file:** mcdata**Overview**

Valid: 5733053

Type: Continuous Width: 9 Range: - Format: character

DIST_MANDAL_UID: Mandal ID**Data file:** mcdata**Overview**

Valid: 5733053

Type: Continuous Width: 9 Range: - Format: character

DIST_MANDAL_UID_MC: Generated ID variable**Data file:** mcdata**Overview**

Valid: 5733053

Type: Continuous Width: 9 Range: - Format: character

VILLAGE_UID: Village ID**Data file:** mcdata**Overview**

Valid: 5733053

Type: Continuous Width: 9 Range: - Format: character

FARMER_UID: Farmer ID**Data file:** mcdata**Overview**

Valid: 5733053

Type: Continuous Width: 12 Range: - Format: character

MAO_ID: MAO ID**Data file:** mcdata**Overview**

Valid: 5733053 Minimum: 1.0 Maximum: 992809.0

Type: Continuous Width: 36 Range: - Format: Numeric

DIST_UID: District ID

Data file: mcddata

Overview

Valid: 5733053 Minimum: 1.0 Maximum: 30.0
 Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	
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29	
30	

VILLAGE_UID_MC: Generated ID variable

Data file: mcdata

Overview

Valid: 5733053

Type: Continuous Width: 9 Range: - Format: character

FARMER_POP: Farmer population in treatment mandals

Data file: mcdata

Overview

Valid: 1312199 Minimum: 1.0 Maximum: 4069.0

Type: Continuous Width: 8 Range: - Format: Numeric

NUM_OF_VILLAGES: Number of villages in treatment mandals

Data file: mcdata

Overview

Valid: 1312199 Minimum: 1.0 Maximum: 70.0

Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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TREATMENT: Treatment

Data file: mcdata

Overview

Valid: 5612104 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

STRATA: Strata ID**Data file: mcddata****Overview**

Valid: 5621909 Minimum: 1.0 Maximum: 54.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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ADJ_ENCASH: Encashment dummy (adjusted for call date)

Data file: mcdata

Overview

Valid: 5733053 Minimum: 0.0 Maximum: 1.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	

LAND_V_Q: Village level land size quintiles**Data file:** mcdata**Overview**

Valid: 1312199 Minimum: 1.0 Maximum: 5.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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3	
4	
5	

LAND_M_Q: Mandal level land size quintiles**Data file:** mcdata**Overview**

Valid: 4299877 Minimum: 1.0 Maximum: 5.0
 Type: Discrete Width: 9 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
1	
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3	
4	
5	

Download related resources

Reports

Improving Last- Mile Service Delivery Using Phone- Based Monitoring

Title	Improving Last- Mile Service Delivery Using Phone- Based Monitoring
Author(s)	Karthik Muralidharan, Paul Niehaus, Sandip Sukhtankar, and Jeffrey Weaver
Country	India
Publisher(s)	American Economic Journal: Applied Economics
Abstract	Improving “last-mile” public service delivery is a recurring challenge in developing countries. Could the widespread adoption of mobile phones provide a scalable, cost-effective means for improvement? We use a large-scale experiment to evaluate the impact of phone-based monitoring on a program that transferred nearly a billion dollars to 5.7 million Indian farmers. In randomly selected jurisdictions, officials were informed that program implementation would be measured via calls with beneficiaries. This led to a 7.8 percent reduction in the number of farmers who did not receive their transfers. The program was highly cost-effective, costing 3.6 cents for each additional dollar delivered.
Table of contents	I. Setting and Intervention II. Research Methods III. Results IV. Conclusion
Filename	muralidharan-et-al-2021-improving-last-mile-service-delivery-using-phone-based-monitoring.pdf

Technical documents

Stata Do Files for Replication

Title	Stata Do Files for Replication
Country	India
Description	Folder contains 19 Stata do files that can be used to replicate all analysis-based tables and figures in the published version of “Improving Last-Mile Service Delivery using Phone-Based Monitoring.”
Filename	Stata do files for replication.zip

Replication Manual: “Improving Last-Mile Service Delivery using Phone-Based Monitoring”

Title	Replication Manual: “Improving Last-Mile Service Delivery using Phone-Based Monitoring”
Country	India
Description	The replication archive contains a directory with 3 sub-directories, a master analysis file, and this Readme document. This manual describes in detail how one can replicate all analysis-based tables and figures in the published version of “Improving Last-Mile Service Delivery using Phone-Based Monitoring.”
Description	Notes on the readme file: 1) For labels and descriptions of the variables in the BalanceTests4.dta dataset, refer to BalanceTests3.dta in the readme file. The variables appear there. 2) The rand and mandal_id variables in the miscdata.dta dataset and the dist_id, dist_mandal_uid_MC, and village_uid_MC variables in the mcdata.dta dataset are generated ID variables.
Table of contents	1. Overview 2. Data 3. Code 4. Detailed list of content
Filename	readme.pdf