SHRUG Metadata Summary (v1.2.samosa)

Description of fields

SHRUG variable name	**Name of variable in SHRUG**
Description	Variable label in SHRUG or description
Aggregation	Operation used to aggregate field from microdata
Location	Whether obs appears in town-level data, village data, or both
Dataset	Dataset in SHRUG where variable appears
Input variable(s)	Variable name in raw data (e.g. raw economic census) if available
Source data	Dataset where variable was sourced
Year	Year of data

Variable-Level Details

SHRUG variable name	Description	Aggregation	Location	Dataset	Input variable(s)	Source data	Year
# ECONOMIC CENSUS VARS							
ec90_emp_all	Total non-farm employment in 1990	Sum	both	ec	ec90_emp_all	ec90	1990
ec98_emp_all	Total non-farm employment in 1998	Sum	both	ec	see above	ec98	1998
ec05_emp_all	Total non-farm employment in 2005	Sum	both	ec	see above	ec05	2005
ec13_emp_all	Total non-farm employment in 2013	Sum	both	ec	see above	ec13	2013
# POPULATION VARS							
pc91_pca_tot_p	Total population	Sum	both	pc91	pc91_pca_tot_p	pc91	1991
pc91_pca_tot_p_r	Rural population	Sum	both	pc91	pc91_pca_tot_p_r		
pc91_pca_tot_p_u	Urban population	Sum	both	pc91	pc91_pca_tot_p_u		
pc01_pca_tot_p	Total population	Sum	both	pc01	pc01_pca_tot_p	pc01	2001
pc01_pca_tot_p_r	Rural population	Sum	both	pc01	pc01_pca_tot_p_r		
pc01_pca_tot_p_u	Urban population	Sum	both	pc01	pc01_pca_tot_p_u		
pc11_pca_tot_p	Total population	Sum	both	pc11	pc11_pca_tot_p	pc11	2011
pc11_pca_tot_p_r	Rural population	Sum	both	pc11	pc11_pca_tot_p_r		
pc11_pca_tot_p_u	Urban population	Sum	both	pc11	pc11_pca_tot_p_u		
# PC11 PCA							
pc11_pca_no_hh	Number of households	Sum	both	pc11	pc11_pca_no_hh	pc11	2011
pc11_pca_p_sc	SC total population	Sum	both	pc11	pc11_pca_p_sc	pc11	2011
pc11_pca_p_st	ST total population	Sum	both	pc11	pc11_pca_p_st	pc11	2011
pc11_pca_p_lit	Literate total population	Sum	both	pc11	pc11_pca_p_lit	pc11	2011
# PC11 VD							
pc11_vd_p_sch	Number of primary schools	Sum	village	pc11	pc11_vd_p_sch_gov, pc11_vd_p_sch_priv	pc11	2011
pc11_vd_m_sch	Number of middle schools	Sum	village	pc11	pc11_vd_m_sch_gov, pc11_vd_m_sch_priv	pc11	2011
pc11_vd_s_sch	Number of secondary schools	Sum	village	pc11	pc11_vd_s_sch_gov, pc11_vd_s_sch_priv	pc11	2011
pc11_vd_s_s_sch	Number of senior secondary schools	Sum	village	pc11	pc11_vd_s_s_sch_gov, pc11_vd_s_s_sch_priv	pc11	2011
pc11_vd_college	Number of college	Sum	village	pc11	pc11_vd_a_s_coll_gov, pc11_vd_a_s_coll_priv, pc11_vd_engg_coll_gov, pc11_vd_engg_coll_priv, pc11_vd_medi_coll_gov, pc11_vd_medi_coll_priv	pc11	2011
pc11_vd_tar_road	Accessibility by paved (pucca) road	Max	village	pc11	pc11_vd_rd_p_btr	pc11	2011
pc11_vd_area	Area of village (hectares)	Sum	village	pc11	pc11_vd_area	pc11	2011
pc11_vd_power_dom_sum	Power supply for domestic use in summer	Mean	village	pc11	pc11_vd_power_dom_sum	pc11	2011
pc11_vd_power_dom_win	Power supply for domestic use in winter	Mean	village	pc11	pc11_vd_power_dom_win	pc11	2011
pc11_vd_power_agr_sum	Power supply for agricultural use in summer	Mean	village	pc11	pc11_vd_power_agr_sum	pc11	2011

pc11_vd_power_agr_win	Power supply for agricultural use in winter	Mean	village	pc11	pc11_vd_power_agr_win	pc11	2011
pc11_vd_power_com_sum	Power supply for commercial use in summer	Mean	village	pc11	pc11_vd_power_com_sum	pc11	2011
pc11_vd_power_com_win	Power supply for commercial use in winter	Mean	village	pc11	pc11_vd_power_com_win	pc11	2011
pc11_vd_power_all_sum	Power supply for all uses in summer	Mean	village	pc11	pc11_vd_power_all_sum	pc11	2011
pc11_vd_power_all_win	Power supply for all uses in winter	Mean	village	pc11	pc11_vd_power_all_win	pc11	2011
pc11_vd_power_dom	Power supply for domestic use (0/1)	Max	village	pc11	pc11_vd_power_dom	pc11	2011
pc11_vd_power_agr	Power supply for agriculture (0/1)	Max	village	pc11	pc11_vd_power_agr	pc11	2011
pc11_vd_power_all	Power supply for all users (0/1)	max	village	pc11	pc11_vd_power_all	pc11	2011
# PC11 TD							
pc11_td_p_sch	Number of primary schools	Sum	town	pc11	pc11_td_primary_gov, pc11_td_primary_priv	pc11	2011
pc11_td_m_sch	Number of middle schools	Sum	town	pc11	pc11_td_middle_gov, pc11_td_middle_priv	pc11	2011
pc11_td_s_sch	Number of secondary schools	Sum	town	pc11	pc11_td_sec_gov, pc11_td_sec_priv	pc11	2011
pc11_td_college	Number of college	Sum	town	pc11	pc11_td_arts_gov, pc11_td_arts_priv, pc11_td_science_gov, pc11_td_science_priv, pc11_td_commerce_gov, pc11_td_commerce_priv, pc11_td_arts_sci_gov, pc11_td_arts_sci_priv, pc11_td_arts_co_gov, pc11_td_arts_co_priv, pc11_td_art_sc_co_gov, pc11_td_art_sc_co_priv, pc11_td_law_gov, pc11_td_law_priv, pc11_td_col_gov, pc11_td_col_priv, pc11_td_oth_col_gov, pc11_td_oth_col_priv, pc11_td_medical_gov, pc11_td_medical_priv, pc11_td_engg_gov, pc11_td_engg_priv	pc11	2011
pc11_td_s_s_sch	Number of senior secondary schools	Sum	town	pc11	pc11_td_s_sec_gov, pc11_td_s_sec_priv	pc11	2011
pc11_td_area	Area of town (sq. km)	Sum	town	pc11	pc11_td_area	pc11	2011
# PC01 PCA							
pc01_pca_p_sc	SC total population	Sum	both	pc01	pc01_pca_p_sc	pc01	2001
pc01_pca_no_hh	Number of households	Sum	both	pc01	pc01_pca_no_hh	pc01	2001
pc01_pca_p_st	ST total population	Sum	both	pc01	pc01_pca_p_st	pc01	2001
pc01_pca_p_lit	Literate total population	Sum	both	pc01	pc01_pca_p_lit	pc01	2001
# PC01 VD							
pc01_vd_p_sch	Number of primary schools	Sum	village	pc01	pc01_vd_p_sch	pc01	2001
pc01_vd_m_sch	Number of middle schools	Sum	village	pc01	pc01_vd_m_sch	pc01	2001
pc01_vd_s_sch	Number of secondary schools	Sum	village	pc01	pc01_vd_s_sch	pc01	2001
pc01_vd_s_s_sch	Number of senior secondary schools	Sum	village	pc01	pc01_vd_s_s_sch	pc01	2001
pc01_vd_college	Number of college	Sum	village	pc01	pc01_vd_college	pc01	2001
pc01_vd_tar_road	Accessibility by paved (pucca) road	Max	village	pc01	pc01_vd_app_pr	pc01	2001
pc01_vd_dirt_road	Accessibility by mud (kuchcha) road or better	Max	village	pc01	pc01_vd_app_mr	pc01	2001
pc01_vd_area	Area of village (hectares)	Sum	village	pc01	pc01_vd_area	pc01	2001
pc01_vd_power_dom	Power supply for domestic use (0/1)	Max	village	pc01	pc01_vd_power_dom	pc01	2001
pc01_vd_power_agr	Power supply for agriculture (0/1)	Max	village	pc01	pc01_vd_power_agr	pc01	2001
pc01_vd_power_all	Power supply for all users (0/1)	max	village	pc01	pc01_vd_power_all	pc01	2001
# PC01 TD							
pc01_td_p_sch	Number of primary schools	Sum	town	pc01	pc01_td_primary	pc01	2001
pc01_td_m_sch	Number of middle schools	Sum	town	pc01	pc01_td_middle	pc01	2001
pc01_td_s_sch	Number of secondary schools	Sum	town	pc01	pc01_td_secondary	pc01	2001
pc01_td_college	Number of college	Sum	town	pc01	pc01_td_arts, pc01_td_science, pc01_td_commerce, pc01_td_arts_sci, pc01_td_arts_comm, pc01_td_art_sc_co, pc01_td_law, pc01_td_univ, pc01_td_oth_col, pc01_td_medical, pc01_td_engg	pc01	2001
pc01_td_s_s_sch	Number of senior secondary schools	Sum	town	pc01	pc01_td_s_sec	pc01	2001
pc01_td_area	Area of town (sq. km)	Sum	town	pc01	pc01_td_area	pc01	2001

# PC91 PCA							
pc91_pca_no_hh	Number of households	Sum	both	pc91	pc91_pca_no_hh	pc91	1991
pc91_pca_p_sc	SC total population	Sum	both	pc91	pc91_pca_p_sc	pc91	1991
pc91_pca_p_st	ST total population	Sum	both	pc91	pc91_pca_p_st	pc91	1991
pc91_pca_p_lit	Literate total population	Sum	both	pc91	pc91_pca_p_lit	pc91	1991
# PC91 VD							
pc91_vd_p_sch	Number of primary schools	Sum	village	pc91	pc91_vd_p_sch	pc91	1991
pc91_vd_m_sch	Number of middle schools	Sum	village	pc91	pc91_vd_m_sch	pc91	1991
pc91_vd_s_sch	Number of secondary schools	Sum	village	pc91	pc91_vd_s_sch	pc91	1991
pc91_vd_s_s_sch	Number of senior secondary schools	Sum	village	pc91	pc91_vd_s_s_sch	pc91	1991
pc91_vd_college	Number of college	Sum	village	pc91	pc91_vd_college	pc91	1991
pc91_vd_tar_road	Accessibility by paved (pucca) road	Max	village	pc91	pc91_vd_app_pr	pc91	1991
pc91_vd_dirt_road	Accessibility by mud (kuchcha) road or better	Max	village	pc91	pc91_vd_app_mr	pc91	1991
pc91_vd_area	Area of village (hectares)	Sum	village	pc91	pc91_vd_area	pc91	1991
pc91_vd_power_dom	Power supply for domestic use (0/1)	Max	village	pc91	pc91_vd_power_dom	pc91	1991
pc91_vd_power_agr	Power supply for agriculture (0/1)	Max	village	pc91	pc91_vd_power_agr	pc91	1991
pc91_vd_power_all	Power supply for all users (0/1)	max	village	pc91	pc91_vd_power_all	pc91	1991
# PC91 TD							
pc91_td_p_sch	Number of primary schools	Sum	town	pc91	pc91_td_primary	pc91	1991
pc91_td_m_sch	Number of middle schools	Sum	town	pc91	pc91_td_middle	pc91	1991
pc91_td_s_sch	Number of secondary schools	Sum	town	pc91	pc91_td_secondary	pc91	1991
pc91_td_college	Number of colleges	Sum	town	pc91	pc91_td_arts, pc91_td_science, pc91_td_commerce, pc91_td_medical, pc91_td_engg, pc91_td_law	pc91	1991
pc91_td_s_s_sch	Number of senior secondary schools	Sum	town	pc91	pc91_td_s_sec	pc91	1991
pc91_td_area	Area of town (sq. km)	Sum	town	pc91	pc91_td_area	pc91	1991
# SECC							
secc_cons_per_cap	Per capita consumption (predicted using small area estimation)	Mean	village	ancillary	secc_cons_per_cap	secc	2012
secc_inc_cultiv	Share of households with main income from cultivation	Mean	village	ancillary	secc_inc_cultiv	secc	2012
# SPATIAL							
tdist_10	Min dist (km) to nearest place (shrid) with pop above 10k (including self)	Mean	both	ancillary		gis	
tdist_50	Min dist (km) to nearest place (shrid) with pop above 50k (including self)	Mean	both	ancillary		gis	
tdist_100	Min dist (km) to nearest place (shrid) with pop above 100k (including self)	Mean	both	ancillary		gis	
tdist_500	Min dist (km) to nearest place (shrid) with pop above 500k (including self)	Mean	both	ancillary		gis	
thiessen_polygon	1 if this shrid is a thiessen poly generated from a point	Mean	both	ancillary		gis	
# REMOTE SENSING: Night Lights							
total_light	Sum of luminosity of all cells within constituency or shrid, calibrated		both	nl		HSW (2011)	1992-2014
max_light	Max luminosity value of all cells within polygon		both	nl		HSW (2011)	1992-2014
num_cells	Number of night light pixels in unit		both	nl		HSW (2011)	1992-2014
avg_light	total_light / num_cells		both	nl		HSW (2011)	1992-2014
ln_light	log(total_light + 1)		both	nl		HSW (2011)	1992-2014
# REMOTE SENSING: Forest Cover							
num_cells	Number of night light pixels in unit		both	vcf		DCSKKT (2015)	2000-2014
total_forest	Sum of forest cover (0-100) of all pixels in town/village/constituency		both	vcf		DCSKKT (2015)	2000-2014
forest_loss	Change in total_forest from 2000 to present in polygon		both	vcf		DCSKKT (2015)	2000-2014
max_forest	Max forest cover value (0-100) in unit		both	vcf		DCSKKT (2015)	2000-2014

avg_forest	total_forest / num_cells		both	vcf		DCSKKT (2015)	2000-2014
# ELECTIONS CANDIDATE-LEVEL (assembly_candidates_clean.dta)							
pc01_state_id	State id (population census)				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
ac07_id	SHRUG 2007 Delimitation constituency id				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
ac08_id	SHRUG 2008 Delimitation constituency id				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
tr_ac_id	Trivedi / Election Commission constituency id				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
election_id	Unique election id				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
pc01_state_name	State name				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
tr_ac_name	Trivedi / Election Commission constituency name				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
constituency_type	Reservation type				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
tr_district_name	District name (trivedi)				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
sub_region	Region				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
delimid	Delimitation number				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
assembly_no	Assembly number				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
year	Year				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
month	Election month				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
poll_no	Poll no (for bye elections)				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
bye_election	Bye election indicator				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
n_cand	Number of candidates				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
turnout_percentage	Percent turnout				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
enop	Effective number of parties				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
position	Position				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
candidate_name	Candidate name				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
sex	Sex				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
party	Party				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
votes	Votes				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
age	Age				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
candidate_type	Candidate caste classification				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
valid_votes	Valid votes				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
electors	Electors				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
vote_share_percentage	Vote share as percentage				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
deposit_lost	Whether candidate lost deposit				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
pid	Unused Trivedi identifier				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
normalized_party	Party with normalized name				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
pc01_district_name	District name (population census)				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
pc01_district_id	District id (population census)				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
ac07_name	SHRUG time-invariant constituency name (2007)				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
ac08_name	SHRUG time-invariant constituency name (2008)				assembly.zip / trivedi_candidates_clean.dta	JV (2017)	1990-2018
# ELECTIONS ASSEMBLY-LEVEL (assembly_elections_clean.dta, for fields not in candidate data)							
winner_name	Name of assembly winner				assembly.zip / trivedi_elections_clean.dta	JV (2017)	1990-2018
winner_sex	Sex of assembly winner				assembly.zip / trivedi_elections_clean.dta	JV (2017)	1990-2018
winner_party	Party of assembly winner				assembly.zip / trivedi_elections_clean.dta	JV (2017)	1990-2018
winner_votes	Votes for assembly winner				assembly.zip / trivedi_elections_clean.dta	JV (2017)	1990-2018
winner_age	Age of assembly winner				assembly.zip / trivedi_elections_clean.dta	JV (2017)	1990-2018
winner_valid_votes	Validated votes for assembly winner				assembly.zip / trivedi_elections_clean.dta	JV (2017)	1990-2018
winner_electors	Number of electors for assembly winner				assembly.zip / trivedi_elections_clean.dta	JV (2017)	1990-2018
winner_vshare	Vote share for assembly winner				assembly.zip / trivedi_elections_clean.dta	JV (2017)	1990-2018
winner_party_norm	Normalized party name for assembly winner				assembly.zip / trivedi_elections_clean.dta	JV (2017)	1990-2018

# CANDIDATE AFFIDAVITS (affidavits_clean.dta)						
year	Year			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
ac07_id	SHRUG 2007 Delimitation constituency id			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
ac08_id	SHRUG 2008 Delimitation constituency id			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
ac_id	Combined SHRUG 2007/2008 constituency id			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
adr_cand_id	Candidate id on ADR site			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
sh_cand_id	Shrug Candidate id for candidates matched to ECI election results data			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
sh_election_id	Unique election id (state-assemblyno-ac_id-poll_no)			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
pc01_state_id	State id (population census)			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
pc01_state_name	State name			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
adr_district_name	District name as listed on ADR			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
adr_con_name	Constitutency name as listed on ADR			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
adr_cand_name	Candidate name as listed on ADR			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
age	Candidate age from affidavit			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
ed	Candidate education from affidavit			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
assets	Candidate total assets from affidavit			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
liabilities	Candidate total liabilities from affidavit			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
num_crim	Number of open charges listed on affidavit			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
party	Affiliated political party from affidavit			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
winner	1=Constituency winner according to ADR			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
bye_election	Bye election indicator			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
adr_major_crime	1=Candidate charged with at least one major crime (ADR definition)			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
punishment	Years punishment (50=max) for IPC section with max punishment			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
source	Affidavit data source			assembly.zip / affidavits_clean.dta	PRU (2019)	2004-2018
# PMGSY						
road_award_date	Date PMGSY road contract was awarded			ancillary	AN (2019)	2000-2015
road_comp_date	Date PMGSY road construction was completed			ancillary	AN (2019)	2000-2015
road_length	Length of PMGSY road in km			ancillary	AN (2019)	2000-2015
road_sanc_year	Year that PMGSY road was sanctioned			ancillary	AN (2019)	2000-2015