

Malawi - TB cases (1974-2018) and controls (1998-2018) analytical dataset (Karonga)

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Identification

SURVEY ID NUMBER

MWI-MEIRU-TB-COMBINE-FINAL-2022-v01

TITLE

TB cases (1974-2018) and controls (1998-2018) analytical dataset (Karonga)

COUNTRY

Name	Country code
Malawi	MWI

STUDY TYPE

Demographic Surveillance

ABSTRACT

Data on TB cases and controls have been collected in 3 distinct eras, pre-2000, 2000-2007 and 2007-2018, and within these eras data have been stored on different tables. This dataset combines data from all of the tables to have one dataset for all TB cases and controls, including all their questionnaire, laboratory and outcome data.

UNIT OF ANALYSIS

Individual

Coverage

GEOGRAPHIC COVERAGE

karonga, chilumba

Producers and sponsors

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OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name
MEIRU Core datamanagement team

Data collection

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTORS

Name	Abbreviation
Malawi Epidemiology and Intervention Research Unit	MEIRU

Questionnaires

QUESTIONNAIRES

Added as external resources

Access policy

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ACCESS AUTHORITY

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Malawi Epidemiology and Intervention Research Unit

Metadata production

DDI DOCUMENT ID

DDI-MWI-MEIRU-TB-COMBINE-FINAL-2022-v01

PRODUCERS

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Malawi Epidemiology and Intervention Research Unit	MEIRU	MEIRU	Agency

DATE OF METADATA PRODUCTION

2022-04-07

DDI DOCUMENT VERSION
Version 1 (April 2022)

Data Dictionary

Data file	Cases	Variables
combined_tb_cases_controls_final The interview data for TB cases from the 3 eras are appended together and merged to the 'tbcpu' file. This latter file is the results of an algorithm that goes through all the TB data and creates TB episodes and assigns them to a category of how likely the episode was actually TB (see documentation on tbcpu algorithm). Only episodes on the tbcpu file are kept so other questionnaire data are dropped. Questionnaire data on controls from the 3 eras are appended to the cases dataset. Existing variables are modified and new ones created using the data from the questionnaires and data on lab results, contacts, GPS coordinates and follow-up and outcomes which are merged in. In the variable labels (S) indicates that the variable is unchanged from the original source and (D) indicates that it is a 'derived' variable, often using more than one source variable. For both types information on where the data come from and how they are processed is found in the 'Recoding and Derivation' section	12911	394

Data file: combined_tb_cases_controls_final

The interview data for TB cases from the 3 eras are appended together and merged to the 'tbcpu' file. This latter file is the results of an algorithm that goes through all the TB data and creates TB episodes and assigns them to a category of how likely the episode was actually TB (see documentation on tbcpu algorithm). Only episodes on the tbcpu file are kept so other questionnaire data are dropped. Questionnaire data on controls from the 3 eras are appended to the cases dataset. Existing variables are modified and new ones created using the data from the questionnaires and data on lab results, contacts, GPS coordinates and follow-up and outcomes which are merged in. In the variable labels (S) indicates that the variable is unchanged from the original source and (D) indicates that it is a 'derived' variable, often using more than one source variable. For both types information on where the data come from and how they are processed is found in the 'Recoding and Derivation' section

Cases: 12911

Variables: 394

Variables

ID	Name	Label	Question
V1	ident	unique identifier of person linkable to other studies	unique identifier of person linkable to other studies
V2	case	whether person is a case or control (D)	whether person is a case or control whether person is a case or control
V3	typind	Type of control	Type of control
V4	hhcons	If eligible for TB household study: has the patient consented?	If eligible for TB household study: has the patient consented?
V5	spstdy	In Spouse study (D)	In Spouse study
V6	imm_eu	In EU immunology study (D)	In EU immunology study
V7	imm_g	In Gates immunology study (D)	In Gates immunology study
V8	stid	unique identifier of person not linkable to other studies	unique identifier of person not linkable to other studies
V9	pvrstid	unique identifier of palm vein registration study	unique identifier of palm vein registration study
V10	intdate	date of interview	date of interview
V11	annualfu	annual follow-up	annual follow-up
V12	version	version of form	version of form
V13	outvers	Version of outcome form	Version of outcome form
V14	informtid	unique identifier of informant linkable to other studies	unique identifier of informant linkable to other studies
V15	informant	type of informant (D)	what is the type of informant ?
V16	birth_date	Date of birth (D)	Date of birth
V17	sex	Sex	Sex
V18	notprivate	Impossible to ask marital history and pregnancy questions	If it was impossible to ask these questions [marital history and pregnancy], tick here
V19	marital	Marital status (D)	Marital status
V20	schlever	Ever been to school (D)	Ever been to school?
V21	schltype	Highest schooling type (D)	Highest schooling type
V22	schlstd	Highest schooling standard (D)	Highest schooling standard
V23	stayaway	Do you stay away from your usual household to attend school?	Do you stay away from your usual household to attend school?
V24	yearsaway	If yes [to staying away for school], how many years so far?	If yes [to staying away for school], how many years so far?
V25	emp	Employment code	Employment code

ID	Name	Label	Question
V26	occ	Main occupation (D)	Main occupation
V27	occgp	Categorised occupation variable (D)	Categorised occupation variable
V28	emp_score	Categorised occ/emp variable (D)	Categorised occ/emp variable
V29	ind	describe industry (if not in agriculture/ forestry):	describe industry (if not in agriculture/ forestry):
V30	trained	Did you formally train in this occupation?	Did you formally train in this occupation?
V31	empnum	How many people do you employ in your main occupation?	How many people do you employ in your main occupation?
V32	occqualany	Do you have a formal qualification for the work you do in your main occupation?	Do you have a formal qualification for the work you do in your main occupation?
V33	emphead	Employment code [of household head]	Employment code [of household head]
V34	occhead	Main occupation of household head (D)	Main occupation of household head
V35	occgphead	Categorised occupation variable of household head (D)	Categorised occupation variable of household head
V36	emp_scoreh	Categorised occ/emp variable of household head (D)	Categorised occ/emp variable of household head
V37	occqualanyh	Does household head have a formal qualification for main occupation?	Does household head have a formal qualification for main occupation?
V38	indhead	describe industry (if not in agriculture/ forestry) [of household head]	describe industry (if not in agriculture/ forestry) [of household head]
V39	trainedh	Whether household head is formally trained in occupation (D)	Whether household head is formally trained in occupation
V40	empnumh	How many people does he/she employ in your main occupation? [household head]	How many people does he/she employ in your main occupation? [household head]
V41	mothvita	whether mother is still alive	Is your mother is still alive?
V42	mothdyr	year of mother's death (D)	If (mothvita) is no, year of mother's death
V43	mothdyrx	whether year of mother's death is an estimate (D)	Is the year of mother's death is an estimate ?
V44	fathvita	whether father is still alive	Is your father is still alive?
V45	fathdyr	year of father's death (D)	If (fathvita) is no, year of mother's death
V46	fathdyrx	whether year of father's death is an estimate (D)	Is the year of fatherr's death is an estimate ?
V47	pretrttb	Ever treated for TB previously (D)	Ever treated for TB previously?
V48	pretrtyear	Year previously treated for TB (D)	If (pretrttb) is yes, Year previously treated for TB
V49	pretrtyearx	Whether year of past TB treatment is estimated (D)	Is the year of past TB treatment is estimated
V50	pretrtpl	Where were you treated? [in the past for TB]	Where were you treated? [in the past for TB]?
V51	tbtype	Type of TB (from tbcpu combined file) (D)	Type of TB (from tbcpu combined file)
V52	tbcpu	Whether TB is confirmed, probably or unknown (from tbcpu combined file) (D)	Is TB confirmed, probably or unknown (from tbcpu combined file)
V53	mic_resH	Highest microscopy result (from tbcpu combined file) (D)	Highest microscopy result (from tbcpu combined file)
V54	cultposever	at least one positive culture during episode (from tbcpu combined file) (D)	at least one positive culture during episode (from tbcpu combined file)
V55	outcome_cpu	Outcome (from tbcpu combined file) (D)	Outcome (from tbcpu combined file)
V56	starteps	Start of TB episode (from tbcpu combined file) (D)	Start of TB episode (from tbcpu combined file)
V57	fineps	End of TB episode (from tbcpu combined file) (D)	End of TB episode (from tbcpu combined file)
V58	treatstartdate	Start date of treatment (D)	Start date of treatment

ID	Name	Label	Question
V59	treatstartdate	Whether treatstartdate is estimated (D)	Whether treatstartdate is estimated
V60	illdate	Illness onset date (D)	Illness onset date
V61	illdate	if illness onset date is an estimate (D)	if illness onset date is an estimate
V62	certtime	Certainty of illness timing (D)	Certainty of illness timing
V63	cough	Have you been coughing?	Have you been coughing?
V64	coughdate	Coughing onset date (D)	If (cough) is yes, Coughing onset date
V65	coughdate	if coughing onset date is an estimate (D)	if coughing onset date is an estimate
V66	swgl	Have you had swollen glands?	Have you had swollen glands?
V67	swgldate	Date of onset of swollen glands (D)	Date of onset of swollen glands
V68	swgldate	whether onset date of swollen glands is an estimate (D)	whether onset date of swollen glands is an estimate
V69	firstdate	Date first seeing health practitioner for illness (D)	Date first seeing health practitioner for illness
V70	firstdate	Whether firsthpddate is estimated (D)	Whether firsthpddate is estimated
V71	practype	Which type of health practitioner did you go to first?	Which type of health practitioner did you go to first?
V72	hcdate	if first traditional healer: When first go to a health centre/clinic/hospital?	if first traditional healer: When first go to a health centre/clinic/hospital?
V73	hcdate	Whether hcdate is estimated	Whether hcdate is estimated
V74	suggesttb	Who first suggested you might have TB?	Who first suggested you might have TB?
V75	howadmit	How were you referred to hospital?	How were you referred to hospital?
V76	bedridden	Have you at any point been bedridden with this illness?	Have you at any point been bedridden with this illness?
V77	tbtype1	Site of TB [1]	Site of TB
V78	tbtype2	Site of TB [2]	Site of TB
V79	tbtype3	Site of TB [3]	Site of TB
V80	smeacult	Smear positivity	Smear positivity
V81	smeacult_old	Smear positivity (D)	Smear positivity
V82	mic_resD	Microscopy result at diagnosis (D)	Microscopy result at diagnosis
V83	mic_res2m	Microscopy result 2 months after diagnosis (D)	Microscopy result 2 months after diagnosis
V84	mic_resC	Microscopy result within 2 months of treatment completion (D)	Microscopy result within 2 months of treatment completion
V85	cult_resD	Culture result at diagnosis (D)	Culture result at diagnosis
V86	cult_res2m	Culture result 2 months after diagnosis (D)	Culture result 2 months after diagnosis
V87	cult_resC	Culture result within 2 months of treatment completion (D)	Culture result within 2 months of treatment completion
V88	drugres_s	Whether patient was resistant to streptomycin at treatment start (D)	Whether patient was resistant to streptomycin at treatment start
V89	drugres_i	Whether patient was resistant to isoniazid at treatment start (D)	Whether patient was resistant to isoniazid at treatment start
V90	drugres_r	Whether patient was resistant to rifampicin at treatment start (D)	Whether patient was resistant to rifampicin at treatment start
V91	drugres_e	Whether patient was resistant to ethambutol at treatment start (D)	Whether patient was resistant to ethambutol at treatment start
V92	drugres_p	Whether patient was resistant to pyrazinamide at treatment start (D)	Whether patient was resistant to pyrazinamide at treatment start
V93	drugres_c	Whether patient was resistant to ciprofloxacin at treatment start (D)	Whether patient was resistant to ciprofloxacin at treatment start
V94	biopdate	Date of biopsy (D)	Date of biopsy
V95	bioptissue	Tissue biopsied (D)	Tissue biopsied

ID	Name	Label	Question
V96	biopdisease	Disease identified through biopsy (D)	Disease identified through biopsy
V97	biopcertainity	Certainty of biopsy diagnosis (D)	Certainty of biopsy diagnosis
V98	xpert	Was Xpert MTB/RIF done?	Was Xpert MTB/RIF done?
V99	indication	What was the indication for doing Xpert MTB/RIF?	What was the indication for doing Xpert MTB/RIF?
V100	mtb	What was the result of Xpert MTB?	What was the result of Xpert MTB?
V101	rif	What was the result of Xpert RIF?	What was the result of Xpert RIF?
V102	cxr	Was chest x-ray done?	Was chest x-ray done?
V103	cxrdiag	Was it diagnostic of TB?	Was it diagnostic of TB?
V104	lymphhis	If lymphnode TB only, is diagnosis confirmed by histology?	If lymphnode TB only, is diagnosis confirmed by histology?
V105	hbres	Hb result	Hb result
V106	ictres	ICT result	ICT result
V107	tbclin	Current TB treatment Centre	Current TB treatment Centre
V108	tidate	Date registered at current TB treatment centre	Date registered at current TB treatment centre
V109	tbclin1	Treatment centre registered (at initially)	Treatment centre registered (at initially)
V110	treatint	Anti-tuberculous treatment	Anti-tuberculous treatment
V111	trtstartpl	Place treatment started	Place treatment started
V112	regintest	Whether intensive phase drug regimen is estimated (D)	Whether intensive phase drug regimen is estimated
V113	regcontest	Whether continuation phase drug regimen is estimated (D)	Whether continuation phase drug regimen is estimated
V114	drugreg_int	drug regimen of intensive phase (D)	drug regimen of intensive phase
V115	drugreg_cont	drug regimen of continuation phase (D)	drug regimen of continuation phase
V116	methreg_int	length of intensive phase estimated (D)	length of intensive phase estimated
V117	methreg_cont	length of continuation phase estimated (D)	length of continuation phase estimated
V118	trtchnng	Was treatment changed during intensive phase?	Was treatment changed during intensive phase?
V119	chtrtint_drugs	Treatment change in intensive phase (D)	Treatment change in intensive phase
V120	trtchngrsn	If yes, why? [treatment change in intensive phase]	If yes, why? [treatment change in intensive phase]
V121	cptrtchnng	Was treatment changed during continuation phase?	Was treatment changed during continuation phase?
V122	chtrtcont_drugs	Treatment change in continuation phase (D)	Treatment change in continuation phase
V123	cpchngrsn	If yes, why? [treatment change in continuation phase]	If yes, why? [treatment change in continuation phase]
V124	idhhdhse	unique identifier of head of household linkable to other studies	unique identifier of head of household linkable to other studies
V125	curhse	current house	current house
V126	curvil	Current village	Current village
V127	curghhid	current ghgid (D)	current ghgid
V128	crs	CRS member at time of interview (D)	CRS member at time of interview
V129	crshse	CRSHSE id at time of interview (D)	CRSHSE id at time of interview
V130	curgpspl	GPS based on village or household (D)	GPS based on village or household
V131	curgpsdeg	current GPS coord (south degrees) (D)	current GPS coord (south degrees)
V132	curgpsmin	current GPS coord (south minute) (D)	current GPS coord (south minute)
V133	curgpsdeg	current GPS coord (east degrees) (D)	current GPS coord (east degrees) (
V134	curgpsmin	current GPS coord (east minutes) (D)	current GPS coord (east minutes)

ID	Name	Label	Question
V135	joindate	Date of joining/becoming head of current household (D)	Date of joining/becoming head of current household
V136	joindatex	Whether date of joining current household is an estimate (D)	Whether date of joining current household is an estimate
V137	rsnjoin	Reason for joining	Reason for joining
V138	posn	Position in household	Position in household
V139	prevvil	Previous village (D)	Previous village
V140	othhh5yr	Have you lived in another household during the last five years?	Have you lived in another household during the last five years?
V141	previl1	Give the most recent: Previous household Village1	Give the most recent: Previous household Village1
V142	prefrdate1	Date started living in previous village 1 (D)	Date started living in previous village 1
V143	prefrdate1x	Whether date started living in previous village 1 is an estimate (D)	Whether date started living in previous village 1 is an estimate
V144	pretodate1	Date stopped living in previous village 1 (D)	Date stopped living in previous village 1
V145	pretodate1x	Whether date stopped living in previous village 1 is an estimate (D)	Whether date stopped living in previous village 1 is an estimate
V146	leaversn1	why did you leave? [previous village 1]	why did you leave? [previous village 1]
V147	previl2	Give the most recent: Previous household Village2	Give the most recent: Previous household Village2
V148	prefrdate2	Date started living in previous village 1 (D)	Date started living in previous village 1
V149	prefrdate2x	Whether date started living in previous village 1 is an estimate (D)	Whether date started living in previous village 1 is an estimate
V150	pretodate2	Date stopped living in previous village 2 (D)	Date stopped living in previous village 2
V151	pretodate2x	Whether date stopped living in previous village 2 is an estimate (D)	Whether date stopped living in previous village 2 is an estimate
V152	leaversn2	why did you leave? [previous village 2]	why did you leave? [previous village 2]
V153	previl3	Give the most recent: Previous household Village3	Give the most recent: Previous household Village3
V154	prefrdate3	Date started living in previous village 3 (D)	Date started living in previous village 3
V155	prefrdate3x	Whether date started living in previous village 3 is an estimate (D)	Whether date started living in previous village 3 is an estimate
V156	pretodate3	Date stopped living in previous village 3 (D)	Date stopped living in previous village 3
V157	pretodate3x	Whether date stopped living in previous village 3 is an estimate (D)	Whether date stopped living in previous village 3 is an estimate
V158	leaversn3	why did you leave? [previous village 3]	why did you leave? [previous village 3]
V159	previl4	Give the most recent: Previous household Village4	Give the most recent: Previous household Village4
V160	prefrdate4	Date started living in previous village 4 (D)	Date started living in previous village 4
V161	prefrdate4x	Whether date started living in previous village 4 is an estimate (D)	Whether date started living in previous village 4 is an estimate
V162	pretodate4	Date stopped living in previous village 4 (D)	Date stopped living in previous village 4
V163	pretodate4x	Whether date stopped living in previous village 4 is an estimate (D)	Whether date stopped living in previous village 4 is an estimate
V164	leaversn4	why did you leave? [previous village 4]	why did you leave? [previous village 4]
V165	illcurhse	living in (current household) when you became unwell with this illness?	living in (current household) when you became unwell with this illness?
V166	illghhid1	ghhid of household1	ghhid of household1
V167	illfrdate1	Start date of living in house where became ill (if not current house) (D)	Start date of living in house where became ill (if not current house)
V168	illfrdate1x	Whether illhsefrdate1 is an estimate (D)	Whether illhsefrdate1 is an estimate

ID	Name	Label	Question
V169	illtodate1	Stop date of living in house where became ill (if not current house) (D)	Stop date of living in house where became ill (if not current house)
V170	illtodate1x	Whether illhsetodate1 is an estimate (D)	Whether illhsetodate1 is an estimate
V171	illtovill1	If no: Which village living in when you became unwell?	If no: Which village living in when you became unwell?
V172	illvrsn1	Why did you leave? [household where became ill, if not current house]	Why did you leave? [household where became ill, if not current house]
V173	illothhh	Lived in another household for two weeks or more since you started coughing?	Lived in another household for two weeks or more since you started coughing?
V174	illghhid2	gghid of household2	gghid of household2
V175	illsleep2	in this household2 were you sleeping in the same room with anyone?	in this household2 were you sleeping in the same room with anyone?
V176	illfrdate2	Start date of living in house2 where became ill (if not current house) (D)	Start date of living in house2 where became ill (if not current house) (D)
V177	illfrdate2x	Whether illhsefrdate2 is an estimate (D)	Whether illhsefrdate2 is an estimate (D)
V178	illtodate2	When stopped living at household2 since started coughing	When stopped living at household2 since started coughing
V179	illtodate2x	if illtodate2 is an estimate	if illtodate2 is an estimate
V180	illtovill2	village2 since started coughing	village2 since started coughing
V181	illghhid3	gghid of household3	gghid of household3
V182	illsleep3	in this household3 were you sleeping in the same room with anyone?	in this household3 were you sleeping in the same room with anyone?
V183	illfromdate3	When started living at household3 since started coughing	When started living at household3 since started coughing
V184	illfromdate3x	if illfromdate3 is an estimate	if illfromdate3 is an estimate
V185	illtodate3	When stopped living at household3 since started coughing	When stopped living at household3 since started coughing
V186	illtodate3x	if illtodate3 is an estimate	if illtodate3 is an estimate
V187	illtovill3	village3 since started coughing	village3 since started coughing
V188	clincon	Been to an ART clinic as a guardian to someone or as a patient?	Been to an ART clinic as a guardian to someone or as a patient?
V189	clin1	If yes Clinic1 [ART]	If yes Clinic1 [ART]
V190	fyr1r1	First year1 [attending ART clinic1]	First year1 [attending ART clinic1]
V191	lasyr1	Last year1 [attending ART clinic1]	Last year1 [attending ART clinic1]
V192	clin2	If yes Clinic2 [ART]	If yes Clinic2 [ART]
V193	fyr2r2	First year2 [attending ART clinic2]	First year2 [attending ART clinic2]
V194	lasyr2	Last year2 [attending ART clinic2]	Last year2 [attending ART clinic2]
V195	famtrttb	Has anyone in your household or close family EVER been treated for TB?	Has anyone in your household or close family EVER been treated for TB?
V196	knowtrttb	Do you know anyone else who has been treated for TB, WITHIN THE LAST 5 YEARS?	Do you know anyone else who has been treated for TB, WITHIN THE LAST 5 YEARS?
V197	idcontac1	ident of contact [wide] (D)	ident of contact [wide]
V198	idcontac2	ident of contact [wide] (D)	ident of contact [wide]
V199	idcontac3	ident of contact [wide] (D)	ident of contact [wide]
V200	idcontac4	ident of contact [wide] (D)	ident of contact [wide]
V201	idcontac5	ident of contact [wide] (D)	ident of contact [wide]
V202	cfamcont1	Family contact? [wide] (D)	Did you had Family contact? [wide]
V203	cfamcont2	Family contact? [wide] (D)	Did you had Family contact? [wide]
V204	cfamcont3	Family contact? [wide] (D)	Did you had Family contact? [wide]
V205	cfamcont4	Family contact? [wide] (D)	Did you had Family contact? [wide]

ID	Name	Label	Question
V206	cfamcont5	Family contact? [wide] (D)	Did you had Family contact? [wide]
V207	ccontvil1	Village when ill [wide] (D)	Village when ill [wide]
V208	ccontvil2	Village when ill [wide] (D)	Village when ill [wide]
V209	ccontvil3	Village when ill [wide] (D)	Village when ill [wide]
V210	ccontvil4	Village when ill [wide] (D)	Village when ill [wide]
V211	ccontvil5	Village when ill [wide] (D)	Village when ill [wide]
V212	ccontplace1	Where did contact occur? [wide] (D)	Where did contact occur? [wide]
V213	ccontplace2	Where did contact occur? [wide] (D)	Where did contact occur? [wide]
V214	ccontplace3	Where did contact occur? [wide] (D)	Where did contact occur? [wide]
V215	ccontplace4	Where did contact occur? [wide] (D)	Where did contact occur? [wide]
V216	ccontplace5	Where did contact occur? [wide] (D)	Where did contact occur? [wide]
V217	ctrtdatex1	Date treatment started [date] [wide] (D)	Date treatment started [date] [wide]
V218	ctrtdatex2	Whether trtdatex is an estimate [wide] (D)	Whether treatment date is an estimate [wide]
V219	ctrtdatex3	Date treatment started [date] [wide] (D)	Date treatment started [date] [wide]
V220	ctrtdatex4	Whether trtdatex is an estimate [wide] (D)	Whether treatment date is an estimate [wide]
V221	ctrtdatex5	Date treatment started [date] [wide] (D)	Date treatment started [date] [wide]
V222	ctrtdatex6	Whether trtdatex is an estimate [wide] (D)	Whether treatment date is an estimate [wide]
V223	ctrtdatex7	Date treatment started [date] [wide] (D)	Date treatment started [date] [wide]
V224	ctrtdatex8	Whether trtdatex is an estimate [wide] (D)	Whether treatment date is an estimate [wide]
V225	ctrtdatex9	Date treatment started [date] [wide] (D)	Date treatment started [date] [wide]
V226	ctrtdatex10	Whether trtdatex is an estimate [wide] (D)	Whether treatment date is an estimate [wide]
V227	ctrtdatex11	Place of treatment [wide] (D)	Place of treatment [wide]
V228	ctrtdatex12	Place of treatment [wide] (D)	Place of treatment [wide]
V229	ctrtdatex13	Place of treatment [wide] (D)	Place of treatment [wide]
V230	ctrtdatex14	Place of treatment [wide] (D)	Place of treatment [wide]
V231	ctrtdatex15	Place of treatment [wide] (D)	
V232	ccerttbcon1	Are you sure it was TB? [wide] (D)	Are you sure it was TB? [wide]
V233	ccerttbcon2	Are you sure it was TB? [wide] (D)	Are you sure it was TB? [wide]
V234	ccerttbcon3	Are you sure it was TB? [wide] (D)	Are you sure it was TB? [wide]
V235	ccerttbcon4	Are you sure it was TB? [wide] (D)	Are you sure it was TB? [wide]
V236	ccerttbcon5	Are you sure it was TB? [wide] (D)	Are you sure it was TB? [wide]
V237	cwardvisit1	Did you visit them on the TB ward? Did you act as guardian? [wide] (D)	Did you visit them on the TB ward? Did you act as guardian?
V238	cwardvisit2	Did you visit them on the TB ward? Did you act as guardian? [wide] (D)	Did you visit them on the TB ward? Did you act as guardian?
V239	cwardvisit3	Did you visit them on the TB ward? Did you act as guardian? [wide] (D)	Did you visit them on the TB ward? Did you act as guardian?
V240	cwardvisit4	Did you visit them on the TB ward? Did you act as guardian? [wide] (D)	Did you visit them on the TB ward? Did you act as guardian?
V241	cwardvisit5	Did you visit them on the TB ward? Did you act as guardian? [wide] (D)	Did you visit them on the TB ward? Did you act as guardian?
V242	crelship1	What relationship is this person to you [wide] (D)	What relationship is this person to you?
V243	crelship2	What relationship is this person to you [wide] (D)	What relationship is this person to you?
V244	crelship3	What relationship is this person to you [wide] (D)	What relationship is this person to you?

ID	Name	Label	Question
V245	crelship4	What relationship is this person to you [wide] (D)	What relationship is this person to you?
V246	crelship5	What relationship is this person to you [wide] (D)	What relationship is this person to you?
V247	ccontaccon1	Did you have contact with them while they were ill? [wide] (D)	Did you have contact with them while they were ill?
V248	ccontaccon2	Did you have contact with them while they were ill? [wide] (D)	Did you have contact with them while they were ill?
V249	ccontaccon3	Did you have contact with them while they were ill? [wide] (D)	Did you have contact with them while they were ill?
V250	ccontaccon4	Did you have contact with them while they were ill? [wide] (D)	Did you have contact with them while they were ill?
V251	ccontaccon5	Did you have contact with them while they were ill? [wide] (D)	Did you have contact with them while they were ill?
V252	ccough1	When you saw them, when they had TB Did this person have a cough? [wide] (D)	When you saw them, when they had TB Did this person have a cough?
V253	ccough2	When you saw them, when they had TB Did this person have a cough? [wide] (D)	When you saw them, when they had TB Did this person have a cough?
V254	ccough3	When you saw them, when they had TB Did this person have a cough? [wide] (D)	When you saw them, when they had TB Did this person have a cough?
V255	ccough4	When you saw them, when they had TB Did this person have a cough? [wide] (D)	When you saw them, when they had TB Did this person have a cough?
V256	ccough5	When you saw them, when they had TB Did this person have a cough? [wide] (D)	When you saw them, when they had TB Did this person have a cough?
V257	cnurseill1	Did you nurse this person while they were ill? [wide] (D)	Did you nurse this person while they were ill?
V258	cnurseill2	Did you nurse this person while they were ill? [wide] (D)	Did you nurse this person while they were ill?
V259	cnurseill3	Did you nurse this person while they were ill? [wide] (D)	Did you nurse this person while they were ill?
V260	cnurseill4	Did you nurse this person while they were ill? [wide] (D)	Did you nurse this person while they were ill?
V261	cnurseill5	Did you nurse this person while they were ill? [wide] (D)	Did you nurse this person while they were ill?
V262	chouseill1	Did you live in the same household as them while they were ill? [wide] (D)	Did you live in the same household as them while they were ill?
V263	chouseill2	Did you live in the same household as them while they were ill? [wide] (D)	Did you live in the same household as them while they were ill?
V264	chouseill3	Did you live in the same household as them while they were ill? [wide] (D)	Did you live in the same household as them while they were ill?
V265	chouseill4	Did you live in the same household as them while they were ill? [wide] (D)	Did you live in the same household as them while they were ill?
V266	chouseill5	Did you live in the same household as them while they were ill? [wide] (D)	Did you live in the same household as them while they were ill?
V267	csleepill1	Did you sleep in same room as this person while they were ill? [wide] (D)	Did you sleep in same room as this person while they were ill?
V268	csleepill2	Did you sleep in same room as this person while they were ill? [wide] (D)	Did you sleep in same room as this person while they were ill?
V269	csleepill3	Did you sleep in same room as this person while they were ill? [wide] (D)	Did you sleep in same room as this person while they were ill?
V270	csleepill4	Did you sleep in same room as this person while they were ill? [wide] (D)	Did you sleep in same room as this person while they were ill?
V271	csleepill5	Did you sleep in same room as this person while they were ill? [wide] (D)	Did you sleep in same room as this person while they were ill?

ID	Name	Label	Question
V272	ccontacind1	Was your contact with this person indoors? [wide] (D)	Was your contact with this person indoors?
V273	ccontacind2	Was your contact with this person indoors? [wide] (D)	Was your contact with this person indoors?
V274	ccontacind3	Was your contact with this person indoors? [wide] (D)	Was your contact with this person indoors?
V275	ccontacind4	Was your contact with this person indoors? [wide] (D)	Was your contact with this person indoors?
V276	ccontacind5	Was your contact with this person indoors? [wide] (D)	Was your contact with this person indoors?
V277	ccontaclang1	Was your contact with this person prolonged? [wide] (D)	Was your contact with this person indoors?
V278	ccontaclang2	Was your contact with this person prolonged? [wide] (D)	Was your contact with this person indoors?
V279	ccontaclang3	Was your contact with this person prolonged? [wide] (D)	Was your contact with this person indoors?
V280	ccontaclang4	Was your contact with this person prolonged? [wide] (D)	Was your contact with this person indoors?
V281	ccontaclang5	Was your contact with this person prolonged? [wide] (D)	Was your contact with this person indoors?
V282	ccontacdays1	On how many days did you see this person while they were ill? [wide] (D)	On how many days did you see this person while they were ill?
V283	ccontacdays2	On how many days did you see this person while they were ill? [wide] (D)	On how many days did you see this person while they were ill?
V284	ccontacdays3	On how many days did you see this person while they were ill? [wide] (D)	On how many days did you see this person while they were ill?
V285	ccontacdays4	On how many days did you see this person while they were ill? [wide] (D)	On how many days did you see this person while they were ill?
V286	ccontacdays5	On how many days did you see this person while they were ill? [wide] (D)	On how many days did you see this person while they were ill?
V287	drinkalcoh	Have you ever drunk alcohol	Have you ever drunk alcohol?
V288	drinkyears	If yes: For how many years have/did you drunk alcohol?	If (drinkalcoh)yes : For how many years have/did you drunk alcohol?
V289	drinkstill	Do you still drink?	Do you still drink?
V290	drinkstop	Year stopped drinking alcohol (D)	Year stopped drinking alcohol
V291	drinkstopx	Whether year of stopping drinking is estimated (D)	Whether year of stopping drinking is estimated
V292	drinkfreq	How frequently do/did you drink alcohol?	How frequently do/did you drink alcohol?
V293	smoketobac	Have you ever smoked tobacco? (this does not include snuff or chewing tobacco)	Have you ever smoked tobacco? (this does not include snuff or chewing tobacco)
V294	smokewhat	If yes, what did (or do) you smoke?	If (smoketobac) yes, what did (or do) you smoke?
V295	smokenocig	How many did/do you smoke each day?	How many did/do you smoke each day?
V296	smokeyears	For how many years have/did you smoke(d)?	For how many years have/did you smoke(d)?
V297	smokestill	Do you still smoke?	Do you still smoke?
V298	smokestop	Year stopped smoking (D)	If (smokestill) is No, Year stopped smoking
V299	smokestopx	Whether year of stopping smoking is estimated (D)	Is the year of stopping smoking is estimated
V300	cooking	Before you became ill, how often did you do the cooking?	Before you became ill, how often did you do the cooking?
V301	cookcarrid	Before becoming ill, was child carried by mother while they were cooking?	Before becoming ill, was child carried by mother while they were cooking?

ID	Name	Label	Question
V302	billsmkiri	Before becoming ill, did cooking smoke make you cough or irritate your eyes?	Before becoming ill, did cooking smoke make you cough or irritate your eyes?
V303	smkiriwhen	How often does/did the smoke irritate you?	How often does/did the smoke irritate you?
V304	dryfiretyp	What sort of cooking fire did you usually use in the dry season?	What sort of cooking fire did you usually use in the dry season?
V305	dryfirepl	Where is the fire usually in the dry season?	Where is the fire usually in the dry season?
V306	wetfiretyp	What sort of cooking fire did you usually use in the wet season?	What sort of cooking fire did you usually use in the wet season?
V307	wetfirepl	Where is the fire usually in the wet season?	Where is the fire usually in the wet season?
V308	burnrepins	Do you burn anything to keep insects away?	Do you burn anything to keep insects away?
V309	burnwhat	What do you burn? [to keep insects away]	What do you burn? [to keep insects away]
V310	burnplace	Where do you burn it? [to keep insects away]	Where do you burn it? [to keep insects away]
V311	smokefish	Do you smoke fish?	Do you smoke fish?
V312	pregever	Have you ever been pregnant?	Have you ever been pregnant?
V313	pregnow	Currently pregnant (D)	Currently pregnant
V314	pregmthnow	Months pregnant (D)	Months pregnant
V315	illstart	Do you think your current illness started before of after the pregnancy?	Do you think your current illness started before of after the pregnancy?
V316	birthever	Have you ever given birth (incl children who have died and stillbirths)?	Have you ever given birth (incl children who have died and stillbirths)?
V317	totbirths	Total number of births	Total number of births
V318	recbirdate	Date of most recent birth (D)	Date of most recent birth
V319	recbirdatex	if recbirdate is an estimate (D)	If recbirdate is an estimate
V320	recbirout	Outcome of most recent birth	Outcome of most recent birth
V321	dmisabort	Since last birth have you had miscarriage or abortion?	Since last birth have you had miscarriage or abortion?
V322	dmisabdate	Most recent date (of miscarriage or abortion since last birth) (D)	Most recent date (of miscarriage or abortion since last birth)
V323	dmisabdatex	if dmisabdate is an estimate (D)	If dmisabdate is an estimate
V324	dmisabpmth	Gestation (of miscarriage or abortion since last birth)	Gestation (of miscarriage or abortion since last birth)
V325	emisabort	Have you ever had any miscarriage or abortion?	Have you ever had any miscarriage or abortion?
V326	emisabdate	Most recent date (of miscarriage or abortion ever) (D)	Most recent date (of miscarriage or abortion ever)
V327	emisabdatex	if emisabdate is an estimate (D)	if emisabdate is an estimate
V328	emisabpmth	Gestation (of miscarriage or abortion ever)	
V329	othmedicin	Have you been taking any medicines other than for TB in the last year?	Have you been taking any medicines other than for TB in the last year?
V330	othmedgro	Taking medicines (other than for TB) from the grocery/market (D)	Taking medicines (other than for TB) from the grocery/market
V331	othmedhco	Taking medicines (other than for TB) from the health centre (D)	Taking medicines (other than for TB) from the health centre
V332	othmedth	Taking medicines (other than for TB) from the traditional healer (D)	Taking medicines (other than for TB) from the traditional healer
V333	othmedsh	Taking medicines (other than for TB): self treatment with herbs (D)	Taking medicines (other than for TB): self treatment with herbs
V334	diabetes	Have you ever been diagnosed with diabetes (sugar disease)	Have you ever been diagnosed with diabetes (sugar disease)
V335	seriousdis	Have you ever been diagnosed with any other serious disease?	Have you ever been diagnosed with any other serious disease?

ID	Name	Label	Question
V336	nursed	Since you became ill but before admission to hospital was anyone nursing you?	Since you became ill but before admission to hospital was anyone nursing you?
V337	idnursed1	unique identifier of person1 who nursed them linkable to other studies	unique identifier of person1 who nursed them linkable to other studies
V338	idnursed2	unique identifier of person2 who nursed them linkable to other studies	unique identifier of person2 who nursed them linkable to other studies
V339	idnursed3	unique identifier of person3 who nursed them linkable to other studies	unique identifier of person3 who nursed them linkable to other studies
V340	maridill	Living as married with anyone while ill but before hospital admission	Living as married with anyone while ill but before hospital admission
V341	idspouse1	unique identifier of spouse1 them linkable to other studies	unique identifier of spouse1 them linkable to other studies
V342	spougard1	Is spouse1 attending as the guardian?	Is spouse1 attending as the guardian?
V343	idspouse2	unique identifier of spouse2 them linkable to other studies	unique identifier of spouse2 them linkable to other studies
V344	spougard2	Is spouse2 attending as the guardian?	Is spouse2 attending as the guardian?
V345	idspouse3	unique identifier of spouse3 them linkable to other studies	unique identifier of spouse3 them linkable to other studies
V346	spougard3	Is spouse3 attending as the guardian?	Is spouse3 attending as the guardian?
V347	billdwlad	In the year before illness, num adults shared a sleeping dwelling with?	In the year before illness, num adults shared a sleeping dwelling with?
V348	billdwlch	In the year before illness, num children shared a sleeping dwelling with?	In the year before illness, num children shared a sleeping dwelling with?
V349	willdwlad	When became ill, num adults shared a sleeping dwelling with?	When became ill, num adults shared a sleeping dwelling with?
V350	willdwlch	When became ill, num children shared a sleeping dwelling with?	When became ill, num children shared a sleeping dwelling with?
V351	haemopt	Haemoptysis	Haemoptysis
V352	examglands	Examination for glands	Examination for glands
V353	fntbpul	Findings: TB suspect pulmonary?	Findings: TB suspect pulmonary?
V354	fntbgl	Findings: TB suspect glandular?	Findings: TB suspect glandular?
V355	fntboth	Findings: TB suspect both pulmonary and glandular?	Findings: TB suspect both pulmonary and glandular?
V356	fnother	Findings: TB suspect other?	Findings: TB suspect other?
V357	revmo	To be reviewed by Medical Officer/Clinical Officer?	To be reviewed by Medical Officer/Clinical Officer?
V358	refhosp	Referred to hospital for admission?	Referred to hospital for admission?
V359	examlep	Examined for leprosy	Examined for leprosy
V360	fnlep	Leprosy suspect	Leprosy suspect
V361	fnoskd	Skin disease	Skin disease
V362	disease1	Skin disease 1	Skin disease 1
V363	disease2	Skin disease 2	Skin disease 2
V364	disease3	Skin disease 3	Skin disease 3
V365	examdate	examination date	examination date
V366	weight	Weight at diagnosis	Weight at diagnosis
V367	height	Height	Height
V368	muac	mid-upper arm circumference	mid-upper arm circumference
V369	bcgscar1	Presence of BCG scar 1	Presence of BCG scar 1
V370	bcgsize1	Size of BCG scar 1	Size of BCG scar 1
V371	bcgscar2	Presence of BCG scar 2	Presence of BCG scar 2

ID	Name	Label	Question
V372	bcgsize2	Size of BCG scar 2	Size of BCG scar 2
V373	bcgscar3	Presence of BCG scar 3	Presence of BCG scar 3
V374	bcgsize3	Size of BCG scar 3	Size of BCG scar 3
V375	nearesthivnegdate	Nearest negative HIV test date closest to TB interview (D)	Nearest negative HIV test date closest to TB interview
V376	firsthivposdate	First positive HIV test date (D)	First positive HIV test date
V377	lastneverart_date	Last date known not on ART (D)	Last date known not on ART
V378	firstart_date	First date on ART (D)	First date on ART
V379	lastonart_date	Last date known on ART (D)	Last date known on ART
V380	lastartstop_date	ART stop date (D)	ART stop date
V381	hivstatus	HIV status at interview date (D)	HIV status at interview date
V382	artstatus	ART status at interview date (D)	ART status at interview date
V383	arvmths	Months on ART at interview date (D)	Months on ART at interview date
V384	outcome	Outcome	Outcome
V385	outcomdate	Date of outcome	Date of outcome
V386	outcomdatex	if outcomdate is estimated	if outcomdate is estimated
V387	tcardseen	Treatment card seen?	Treatment card seen?
V388	deathlater	Date of death (If later than date of outcome)	Date of death (If later than date of outcome)
V389	deathlaterx	if deathlater is estimated	if deathlater is estimated
V390	lastfudate	Last date person observed (D)	Last date person observed
V391	lastfuoutcome	Last known outcome of person (D)	Last known outcome of person
V392	newres	Transfer to where	Transfer to where
V393	outdate	Date outcome form filled	Date outcome form filled
V394	noinfo	No info - pt died or transferred	No info - pt died or transferred

Total: 394

IDENT: unique identifier of person linkable to other studies

Data file: combined_tb_cases_controls_final

Overview

Valid: 12911 Invalid: 0
Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

unique identifier of person linkable to other studies

Description

DEFINITION

unique identifier of person linkable to other studies

Imputation and derivation

DERIVATION

variable: ident (table[s]: many of the tables link together on ident)

Others

NOTES

ident available from 1974 to 2018

INTDATE: date of interview

Data file: combined_tb_cases_controls_final

Overview

Valid: 12911 Minimum: 1974-06-15 Maximum: 2018-07-24
Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

date of interview

Description

DEFINITION

date of interview

CASE: whether person is a case or control (D)**Data file: combined_tb_cases_controls_final****Overview**

Valid: 12911 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

whether person is a case or controlwhether person is a case or control

CATEGORIES

Value	Category	Cases	
0	Control	3820	29.6%
1	Case	9091	70.4%

Description

DEFINITION

whether person is a case or control

Imputation and derivation

DERIVATION

Variable is created during appending of case/control datasets

<this is the code that put the datasets for the main file together, unless otherwise indicated, the code is working off this dataset>

**TBX (CASES)

use \${newstata}\tbold_tbp2, clear

rename *_2

rename ident_2 ident

save \${tempfiles}\tbold_tbp2, replace

use \${newstata}\tbold_tbp1, clear /*data prior to 2000*/

merge m:1 ident using \${tempfiles}\tbold_tbp2

gen intdiff=abs(intdate_2-intdate)

bys ident: egen mindiff=min(intdiff)

gen keep=1 if mindiff==intdiff & _m==3

desc *_2, varlist

foreach var in `r(varlist)' {

cap replace `var'=. if keep~=1

cap replace `var'="" if keep~=1

}

gen case=1

rename ochead ocheadold

save \${tempfiles}\tbold_tbp12, replace

use \${newstata}\tb_tbxto2007, clear /*data from 2000 to 2007*/

gen case=1

save \${tempfiles}\tb_tbxto2007, replace

use \${newstata}\tb_tbx, clear /*data from 2007 onwards*/

gen case=1

save \${tempfiles}\tb_tbx, replace

```

**TBO (CONTROLS)
use ${newstata}\tbold_control, clear /*data prior to 2000*/
gen case=0
rename occhead occheadold
save ${tempfiles}\tbold_control, replace

use ${newstata}\tb_tboto2007, clear /*data from 2000 to 2007*/
gen case=0
save ${tempfiles}\tb_tboto2007, replace
use ${newstata}\tb_tbo, clear /*data from 2007 onwards*/
gen case=0
save ${tempfiles}\tb_tbo, replace

use ${tempfiles}\tbold_tbp12, clear
append using ${tempfiles}\tb_tbxto2007
rename smeacult smeacult_old
append using ${tempfiles}\tb_tbx
duplicates drop ident intdate, force
preserve
use ${newstata}\tbcpu, clear
duplicates drop ident intdate, force
keep ident tbtype tbcpu mic_res outcome intdate starteps fineps pos_cult
rename (mic_res outcome) (mic_resH outcome_cpu)
save ${tempfiles}\tbcpu_edit, replace
restore
merge 1:1 ident intdate using ${tempfiles}\tbcpu_edit, keep(match) nogen
append using ${tempfiles}\tbold_control
append using ${tempfiles}\tb_tboto2007
append using ${tempfiles}\tb_tbo
bys ident intdate (mohregno): keep if _n==_N
*add in crshse from residency episodes
preserve
use ident startdate stopdate crshse using ${gendata}\crs_residency_episodes_clean_nopoly, clear
save ${tempfiles}\resep, replace
restore
drop _m
joinby ident using ${tempfiles}\resep, unmatched(master)
gen crs=1 if intdate>=startdate & intdate<stopdate
replace crshse="9999999" if crs~=1
bys ident intdate (crshse): keep if _n==1
replace crshse="" if crshse=="9999999"
drop startdate stopdate _m
save ${tempfiles}\comb_tbx_tbo, replace

la def case 0 "Control" 1 "Case"
la val case case

```

Others

NOTES

case available from 1974 to 2018

TYPIND: Type of control

Data file: combined_tb_cases_controls_final

Overview

Valid: 1950 Invalid: 10961

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

Questions and instructions

LITERAL QUESTION

Type of control

CATEGORIES

Value	Category	Cases	
1	Random	896	45.9%
2	Spouse	36	1.8%
3	Sick	322	16.5%
4	ART Clinic	152	7.8%
5	TSD	245	12.6%
6	LIS	299	15.3%
Sysmiss		10961	

Description

DEFINITION

Type of control

Imputation and derivation

DERIVATION

variable: typind (table[s]: tb_tbo)

Others

NOTES

typind available from 2007 to 2014

HHCONS: If eligible for TB household study: has the patient consented?

Data file: combined_tb_cases_controls_final

Overview

Valid: 12911 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If eligible for TB household study: has the patient consented?

CATEGORIES

Value	Category	Cases	
0	No	12297	95.2%
1	Yes	614	4.8%
8	Unknown	0	0%
9	Missing	0	

Description

DEFINITION

If eligible for TB household study: has the patient consented?

Imputation and derivation

DERIVATION

variable: hhcons (table[s]: tb_tbx)

Others

NOTES

hhcons available from 1974 to 2018

SPSTDY: In Spouse study (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 12911 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

In Spouse study

CATEGORIES

Value	Category	Cases	
0	No	12634	97.9%
1	Yes	277	2.1%
8	Unknown	0	0%
9	Missing	0	

Description

DEFINITION

In Spouse study

Imputation and derivation

DERIVATION

variable: idcase [ident of TB patient] (table[s]: tb_tbs1)

variable: intdate [interview date] (table[s]: tb_tbs1)

IMM_EU: In EU immunology study (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 12911 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

In EU immunology study

CATEGORIES

Value	Category	Cases	
0	No	11861	91.9%
1	Yes	1050	8.1%
8	Unknown	0	0%
9	Missing	0	

Description

DEFINITION

In EU immunology study

Imputation and derivation

DERIVATION

variable: intdate1 [interview date] (table[s]: tb_tbi)

variable: eu [in EU study] (table[s]: tb_tbi)

IMM_G: In Gates immunology study (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 12911 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

In Gates immunology study

CATEGORIES

Value	Category	Cases	
0	No	12549	97.2%
1	Yes	362	2.8%
8	Unknown	0	0%
9	Missing	0	0%

Description

DEFINITION

In Gates immunology study

Imputation and derivation

DERIVATION

variable: intdate1 [interview date] (table[s]: tb_tbi)

variable: gates[in Gates study] (table[s]: tb_tbi)

STID: unique identifier of person not linkable to other studies

Data file: combined_tb_cases_controls_final

Overview

Valid: 6058 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

unique identifier of person not linkable to other studies

Description

DEFINITION

unique identifier of person not linkable to other studies

PVRSTID: unique identifier of palm vein registration study

Data file: combined_tb_cases_controls_final

Overview

Valid: 967 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

unique identifier of palm vein registration study

Description

DEFINITION

unique identifier of palm vein registration study

ANNUALFU: annual follow-up

Data file: combined_tb_cases_controls_final

Overview

Valid: 1136 Invalid: 11775

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

annual follow-up

CATEGORIES

Value	Category	Cases	
0	No	531	46.7%
1	Yes	605	53.3%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		11775	

Description

DEFINITION

annual follow-up

VERSION: version of form

Data file: combined_tb_cases_controls_final

Overview

Valid: 6858 Invalid: 6053
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 14 Format: Numeric

Questions and instructions

LITERAL QUESTION
 version of form

Description

DEFINITION
 version of form

OUTVERS: Version of outcome form

Data file: combined_tb_cases_controls_final

Overview

Valid: 3955 Invalid: 8956
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

Questions and instructions

LITERAL QUESTION
 Version of outcome form

INFORMTID: unique identifier of informant linkable to other studies

Data file: combined_tb_cases_controls_final

Overview

Valid: 455 Invalid: 0
 Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION
 unique identifier of informant linkable to other studies

INFORMANT: type of informant (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 8845 Invalid: 4066

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 8 Format: Numeric

Questions and instructions

LITERAL QUESTION

what is the type of informant ?

CATEGORIES

Value	Category	Cases	
1	Self	7736	87.5%
2	Parent	613	6.9%
3	Child/niece/nephew/grandchild	54	0.6%
4	Sibling/cousin	163	1.8%
5	Spouse	123	1.4%
6	In-law	35	0.4%
7	Grandparent/Aunt/Uncle	116	1.3%
8	Non-relative	5	0.1%
Sysmiss		4066	

Imputation and derivation

DERIVATION

variable: self [informant is self] (table[s]: tb_tbo, tb_tboto2007)

variable: relinform [relationship of informant to patient] (table[s]: tb_tbx, tb_tbxto2007, tbold_tbp1/2, tb_tbo, tbold_control)

BIRTH_DATE: Date of birth (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 12910

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date of birth

Imputation and derivation

DERIVATION

variable: birthest [birth decade estimate] (table[s]: gen_identity)

variable: birthdd [day of birth] (table[s]: gen_identity)

variable: birthmm [month of birth] (table[s]: gen_identity)

variable: birthyear [year of birth] (table[s]: gen_identity)

SEX: Sex**Data file: combined_tb_cases_controls_final****Overview**

Valid: 12910 Invalid: 1

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Sex

CATEGORIES

Value	Category	Cases	
0	Male	6502	50.4%
1	Female	6408	49.6%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		1	

Imputation and derivation

DERIVATION

Sex (whether female or male)

NOTPRIVATE: Impossible to ask marital history and pregnancy questions**Data file: combined_tb_cases_controls_final****Overview**

Valid: 1 Invalid: 12910

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If it was impossible to ask these questions [marital history and pregnancy], tick here

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	1	100%
8	Unknown	0	0%
9	Missing	1760	

Sysmiss		11150	
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MARITAL: Marital status (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 6768 Invalid: 6143

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Marital status

CATEGORIES

Value	Category	Cases	
0	Never married	541	8%
1	Married	4519	66.8%
2	Divorced/separated	753	11.1%
3	Widowed	588	8.7%
4	previously married	367	5.4%
8	Unknown	0	0%
9	Missing	46	
Sysmiss		6097	

Imputation and derivation

DERIVATION

variable: marital [current marital status] (table[s]: tb_tbx, tb_tbo, tb_tbo2007)

variable: marriedeve [ever married] (table[s]: tbold_tbp1/2, tbold_control)

variable: marriednow [currently married] (table[s]: tbold_tbp1/2, tbold_control)

SCHLEVER: Ever been to school (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 7202 Invalid: 5709

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Ever been to school?

CATEGORIES

Value	Category	Cases	
0	Never	539	7.5%
1	Current	433	6%
2	Ever	6230	86.5%
8	Unknown	0	0%
9	Missing	10	
Sysmiss		5699	

Imputation and derivation

DERIVATION

variable: schlever [ever been to school] (table[s]: tb_tbx, tb_tbo, tb_tbot2007)

variable: attdschl [currently attending school] (table[s]: tbold_tbp1/2, tbold_control)

variable: prevschl [previously attended school] (table[s]: tbold_tbp1/2, tbold_control)

SCHLTYPE: Highest schooling type (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 6659 Invalid: 6252

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Highest schooling type

CATEGORIES

Value	Category	Cases	
0	None	0	0%
1	Primary	4873	73.2%
2	Secondary	1681	25.2%
3	Tertiary	105	1.6%
4	Higher	0	0%
8	Unknown	0	0%
9	Missing	3	
Sysmiss		6249	

Imputation and derivation

DERIVATION

variable: schltype [highest schooling type] (table[s]: tb_tbx, tb_tbo, tb_tbot2007)

variable: attdtype [current schooling type] (table[s]: tbold_tbp1/2, tbold_control)

variable: prevtype [previous schooling type] (table[s]: tbold_tbp1/2, tbold_control)

SCHLSTD: Highest schooling standard (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 6206 Invalid: 6705

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Highest schooling standard

CATEGORIES

Value	Category
98	Unknown
99	Missing

Imputation and derivation

DERIVATION

variable: schlstd [highest school standard] (table[s]: tb_tbx, tb_tbo, tb_tbot2007)

variable: attstd [current school standard] (table[s]: tbold_tbp1/2, tbold_control)

variable: prevstd [previous school standard] (table[s]: tbold_tbp1/2, tbold_control)

STAYAWAY: Do you stay away from your usual household to attend school?

Data file: combined_tb_cases_controls_final

Overview

Valid: 113 Invalid: 12798

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Do you stay away from your usual household to attend school?

CATEGORIES

Value	Category	Cases	
0	No	101	89.4%
1	Yes	12	10.6%
8	Unknown	0	0%
9	Missing	10	

Sysmiss		12788	
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YEARS AWAY: If yes [to staying away for school], how many years so far?

Data file: combined_tb_cases_controls_final

Overview

Valid: 10 Invalid: 12901

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

If yes [to staying away for school], how many years so far?

CATEGORIES

Value	Category
98	Unknown
99	Missing

EMP: Employment code

Data file: combined_tb_cases_controls_final

Overview

Valid: 5401 Invalid: 7510

Type: Discrete Decimal: 0 Width: 3 Range: 0 - 999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Employment code

CATEGORIES

Value	Category	Cases	
0	Not applicable	98	1.8%
11	Full-time education	323	6%
12	Unable to work	5	0.1%
13	Retired	14	0.3%
14	Looking for work	13	0.2%
19	Other	8	0.1%
20	Housework	491	9.1%
30	Employer no sub-category	1	0%
31	Runs own business	1	0%

33	????	0	0%
41	In cash economy	810	15%
42	Subsistence economy	2942	54.5%
49	Own account don't know payment	5	0.1%
51	Salary (monthly)	526	9.7%
52	Wage (weekly)	46	0.9%
53	Casual or piecework	109	2%
54	Unpaid worker	6	0.1%
59	Employee don't know payment	1	0%
99	No information	2	0%
998	Unknown	0	0%
999	Missing	55	
Sysmiss		7455	

OCC: Main occupation (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 7098 Invalid: 5813

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Main occupation

CATEGORIES

Value	Category	Cases	
0	Not working	1139	16%
11	Teachers, nurses, clergy, writers	0	0%
12	Teachers	116	1.6%
13	Health professionals	30	0.4%
14	Clergy	11	0.2%
19	Other professionals	50	0.7%
22	Managing small family business	0	0%
23	Management in large organisations	31	0.4%
24	Small family business	293	4.1%
25	Commercial farmer	9	0.1%
26	Traditional authority	3	0%
30	Small trader/store keeper	0	0%
31	Desk, shop or official outdoor jobs	0	0%

32	Small trader/store	283	4%
33	Office worker	51	0.7%
34	Barman/girl, waiter	22	0.3%
35	Sales assistant	32	0.5%
36	Army/police	14	0.2%
37	Clinical assistants	27	0.4%
39	Other non-manual	17	0.2%
41	Modern skills	0	0%
42	Traditional craft	0	0%
43	Crafts and related skills	264	3.7%
44	Driver/assistant driver	82	1.2%
45	African Doctor/herbalist	20	0.3%
49	Other skilled manual	76	1.1%
51	Agriculture	0	0%
52	Other manual work	0	0%
53	Subsistence farmer	4093	57.7%
54	Herdsmen	5	0.1%
55	Fisherman	143	2%
56	Labourer	96	1.4%
57	Security guard/watchman	112	1.6%
58	House boy/girl	18	0.3%
59	Other unskilled manual	61	0.9%
98	Unknown	0	0%
99	Missing	57	
Sysmiss		5756	

Imputation and derivation

DERIVATION

variable: occ (table[s]: tb_tbx, tbold_part1/2, tb_tbo, tb_tbot2007, tbold_control)

OCCGP: Categorised occupation variable (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 7098 Invalid: 5813

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 11 Format: Numeric

Questions and instructions

LITERAL QUESTION

Categorised occupation variable

CATEGORIES

Value	Category	Cases	
0	Not working	1139	16%
1	student	0	0%
2	unskilled manual (irr wage)	142	2%
3	farmer	4098	57.7%
4	fisherman	143	2%
5	skilled manual (irr wage)	305	4.3%
6	non-manual (irr wage)	28	0.4%
7	small trader/business	283	4%
8	unskilled manual (reg wage)	145	2%
9	skilled manual (reg wage)	137	1.9%
10	non-manual (reg wage)	43	0.6%
11	professional	635	8.9%
Sysmiss		5813	

Imputation and derivation

DERIVATION

variable: occupation [main occupation] (table[s]: derived variable)

variable: emp [employment status] (table[s]: tb_tbx, tb_tbo, tb_tbot2007)

EMP_SCORE: Categorised occ/emp variable (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 7098 Invalid: 5813

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

Questions and instructions

LITERAL QUESTION

Categorised occ/emp variable

CATEGORIES

Value	Category	Cases	
1	Low	1281	18%
2	Medium	4574	64.4%
3	High	1243	17.5%
Sysmiss		5813	

Imputation and derivation

DERIVATION

variable: occgp [categorised occupation] (table[s]: derived variable)

IND: describe industry (if not in agriculture/ forestry):

Data file: combined_tb_cases_controls_final

Overview

Valid: 809 Invalid: 12102

Type: Discrete Decimal: 0 Width: 3 Range: 0 - 999 Format: Numeric

Questions and instructions

LITERAL QUESTION

describe industry (if not in agriculture/ forestry):

CATEGORIES

Value	Category	Cases	
0		278	34.4%
11	Agriculture & forestry	371	45.9%
12	Fishing	25	3.1%
13	Mining	0	0%
19	Primary producers not classified	0	0%
21	Food processing & sales	4	0.5%
22	Drink processing & sales	6	0.7%
31	Building & road construction	18	2.2%
32	Mining & industrial manufacturing	1	0.1%
33	Workshop & domestic production	13	1.6%
37	Not classified	0	0%
39	Manufacturing construction and repair not classified	0	0%
40	Transport & utilities	0	0%
41	Transport & utilities water	2	0.2%
42	Transport & utilities gas	0	0%
43	Electricity	0	0%
44	Telephone	2	0.2%
45	Transport	4	0.5%
49	Transport and utilities not classified	0	0%
51	Petty, retail & wholesale	30	3.7%
52	Retail	2	0.2%
53	Wholesale	0	0%

54	Financial	0	0%
59	Trade not classified	1	0.1%
61	Health	6	0.7%
62	Personal & domestic	7	0.9%
63	Government & security	21	2.6%
64	Education & pastoral	14	1.7%
65	Information & entertainment	2	0.2%
69	Public service not classified	1	0.1%
70	No sub-category available	0	0%
90	Unclassifiable no sub-category available	0	0%
99	Unclassifiable no information	1	0.1%
998	Unknown	0	0%
999	Missing	2	
Sysmiss		12100	

TRAINED: Did you formally train in this occupation?

Data file: combined_tb_cases_controls_final

Overview

Valid: 488 Invalid: 12423

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you formally train in this occupation?

CATEGORIES

Value	Category	Cases	
0	No	434	88.9%
1	Yes	54	11.1%
8	Unknown	0	0%
9	Missing	46	
Sysmiss		12377	

EMPNUM: How many people do you employ in your main occupation?

Data file: combined_tb_cases_controls_final

Overview

Valid: 457 Invalid: 12454

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

How many people do you employ in your main occupation?

CATEGORIES

Value	Category
98	Unknown
99	Missing

OCCQUALANY: Do you have a formal qualification for the work you do in your main occupation?

Data file: combined_tb_cases_controls_final

Overview

Valid: 3431 Invalid: 9480

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Do you have a formal qualification for the work you do in your main occupation?

CATEGORIES

Value	Category	Cases	
0	No	3156	92%
1	Yes	275	8%
8	Unknown	0	0%
9	Missing	645	
Sysmiss		8835	

EMPHEAD: Employment code [of household head]

Data file: combined_tb_cases_controls_final

Overview

Valid: 4440 Invalid: 8471

Type: Discrete Decimal: 0 Width: 3 Range: 0 - 999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Employment code [of household head]

CATEGORIES

Value	Category	Cases	
0	Not applicable	10	0.2%
11	Full-time education	4	0.1%
12	Unable to work	12	0.3%
13	Retired	31	0.7%
14	Looking for work	1	0%
19	Other	3	0.1%
20	Housework	11	0.2%
30	Employer no sub-category	4	0.1%
31	Runs own business	2	0%
33	????	0	0%
41	In cash economy	633	14.3%
42	Subsistence economy	2919	65.7%
49	Own account don't know payment	6	0.1%
51	Salary (monthly)	690	15.5%
52	Wage (weekly)	33	0.7%
53	Casual or piecework	71	1.6%
54	Unpaid worker	7	0.2%
59	Employee don't know payment	1	0%
99	No information	2	0%
998	Unknown	0	0%
999	Missing	92	
Sysmiss		8379	

OCCEAD: Main occupation of household head (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 6174 Invalid: 6737

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Main occupation of household head

CATEGORIES

Value	Category	Cases	
0	Not working	75	1.2%
11	Teachers, nurses, clergy, writers	0	0%
12	Teachers	162	2.6%

13	Health professionals	50	0.8%
14	Clergy	19	0.3%
19	Other professionals	43	0.7%
22	Managing small family business	0	0%
23	Management in large organisations	62	1%
24	Small family business	128	2.1%
25	Commercial farmer	12	0.2%
26	Traditional authority	4	0.1%
30	Small trader/store keeper	0	0%
31	Desk, shop or official outdoor jobs	1	0%
32	Small trader/store	302	4.9%
33	Office worker	53	0.9%
34	Barman/girl, waiter	26	0.4%
35	Sales assistant	19	0.3%
36	Army/police	48	0.8%
37	Clinical assistants	52	0.8%
39	Other non-manual	29	0.5%
41	Modern skills	0	0%
42	Traditional craft	2	0%
43	Crafts and related skills	256	4.1%
44	Driver/assistant driver	98	1.6%
45	African Doctor/herbalist	17	0.3%
49	Other skilled manual	100	1.6%
51	Agriculture	2	0%
52	Other manual work	2	0%
53	Subsistence farmer	4118	66.7%
54	Herdsman	3	0%
55	Fisherman	170	2.8%
56	Labourer	82	1.3%
57	Security guard/watchman	160	2.6%
58	House boy/girl	12	0.2%
59	Other unskilled manual	67	1.1%
98	Unknown	0	0%
99	Missing	97	
Sysmiss		6640	

Imputation and derivation

DERIVATION

variable: ochead [household head occupation] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007,

tbold_control)

OCCGPHEAD: Categorised occupation variable of household head (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 6174 Invalid: 6737

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 11 Format: Numeric

Questions and instructions

LITERAL QUESTION

Categorised occupation variable of household head

CATEGORIES

Value	Category	Cases	
0	Not working	75	1.2%
1	student	0	0%
2	unskilled manual (irr wage)	155	2.5%
3	farmer	4121	66.7%
4	fisherman	170	2.8%
5	skilled manual (irr wage)	334	5.4%
6	non-manual (irr wage)	36	0.6%
7	small trader/business	302	4.9%
8	unskilled manual (reg wage)	168	2.7%
9	skilled manual (reg wage)	141	2.3%
10	non-manual (reg wage)	39	0.6%
11	professional	633	10.3%
Sysmiss		6737	

Imputation and derivation

DERIVATION

variable: occuphead [occupation of household head] (table[s]: derived variable)

variable: emphead [employment status of household head] (table[s]: tb_tbx, tb_tbxto2007, tb_tbo, tb_tbo2007)

EMP_SCOREH: Categorised occ/emp variable of household head (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 6174 Invalid: 6737

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

Questions and instructions

LITERAL QUESTION

Categorised occ/emp variable of household head

CATEGORIES

Value	Category	Cases	
1	Low	230	3.7%
2	Medium	4661	75.5%
3	High	1283	20.8%
Sysmiss		6737	

Imputation and derivation

DERIVATION

variable: occgphhead [categorised occupation of household head] (table[s]: derived variable)

OCCQUALANYH: Does household head have a formal qualification for main occupation?

Data file: combined_tb_cases_controls_final

Overview

Valid: 2003 Invalid: 10908

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Does household head have a formal qualification for main occupation?

CATEGORIES

Value	Category	Cases	
0	No	1814	90.6%
1	Yes	189	9.4%
8	Unknown	0	0%
9	Missing	395	
Sysmiss		10513	

INDHEAD: describe industry (if not in agriculture/ forestry) [of household head]

Data file: combined_tb_cases_controls_final

Overview

Valid: 2060 Invalid: 10851

Type: Discrete Decimal: 0 Width: 3 Range: 0 - 999 Format: Numeric

Questions and instructions

LITERAL QUESTION

describe industry (if not in agriculture/ forestry) [of household head]

CATEGORIES

Value	Category	Cases	
0		26	1.3%
11	Agriculture & forestry	1361	66.1%
12	Fishing	78	3.8%
13	Mining	0	0%
19	Primary producers not classified	2	0.1%
21	Food processing & sales	32	1.6%
22	Drink processing & sales	12	0.6%
31	Building & road construction	52	2.5%
32	Mining & industrial manufacturing	2	0.1%
33	Workshop & domestic production	43	2.1%
37	Not classified	0	0%
39	Manufacturing construction and repair not classified	1	0%
40	Transport & utilities	0	0%
41	Transport & utilities water	14	0.7%
42	Transport & utilities gas	0	0%
43	Electricity	5	0.2%
44	Telephone	1	0%
45	Transport	27	1.3%
49	Transport and utilities not classified	3	0.1%
51	Petty, retail & wholesale	119	5.8%
52	Retail	6	0.3%
53	Wholesale	1	0%
54	Financial	1	0%
59	Trade not classified	10	0.5%
61	Health	37	1.8%
62	Personal & domestic	15	0.7%
63	Government & security	112	5.4%
64	Education & pastoral	75	3.6%
65	Information & entertainment	7	0.3%
69	Public service not classified	3	0.1%
70	No sub-category available	0	0%
90	Unclassifiable no sub-category available	12	0.6%
99	Unclassifiable no information	3	0.1%

998	Unknown	0	0%
999	Missing	26	
Sysmiss		10825	

TRAINEDH: Whether household head is formally trained in occupation (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1679 Invalid: 11232

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether household head is formally trained in occupation

CATEGORIES

Value	Category	Cases	
0	No	1443	85.9%
1	Yes	236	14.1%
8	Unknown	0	0%
9	Missing	241	
Sysmiss		10991	

Imputation and derivation

DERIVATION

variable: trainedh [head formally trained] (table[s]: tb_tbxto2007)

variable: trainh [head formally trained] (table[s]: tb_tbotto2007)

EMPNUMH: How many people does he/she employ in your main occupation? [household head]

Data file: combined_tb_cases_controls_final

Overview

Valid: 1516 Invalid: 11395

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

How many people does he/she employ in your main occupation? [household head]

CATEGORIES

Value	Category
98	Unknown
99	Missing

MOTHVITA: whether mother is still alive

Data file: combined_tb_cases_controls_final

Overview

Valid: 4582 Invalid: 8329

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is your mother is still alive?

CATEGORIES

Value	Category	Cases	
1	Alive	2617	57.1%
2	Dead	1965	42.9%
8	Unknown	0	0%
9	Missing	63	
Sysmiss		8266	

MOTHDYR: year of mother's death (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1855 Invalid: 11056

Type: Discrete Decimal: 0 Width: 4 Range: 1930 - 9999 Format: Numeric

Questions and instructions

LITERAL QUESTION

If (mothvita) is no, year of mother's death

CATEGORIES

Value	Category
9998	Unknown
9999	Missing

Imputation and derivation

DERIVATION

variable: mothdest [decade estimate of mother's death] (table[s]: tb_tbx, tb_tbo)

variable: mothdyr [year of mother's death] (table[s]: tb_tbx, tb_tbo)

MOTHDYRX: whether year of mother's death is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1855 Invalid: 11056

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is the year of mother's death is an estimate ?

CATEGORIES

Value	Category	Cases	
0	No	1830	98.7%
1	Yes	25	1.3%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		11056	

Imputation and derivation

DERIVATION

variable: mothdest [decade estimate of mother's death] (table[s]: tb_tbx, tb_tbo)

variable: mothdyr [year of mother's death] (table[s]: tb_tbx, tb_tbo)

FATHVITA: whether father is still alive

Data file: combined_tb_cases_controls_final

Overview

Valid: 4555 Invalid: 8356

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is your father is still alive?

CATEGORIES

Value	Category	Cases	
1	Alive	1711	37.6%
2	Dead	2844	62.4%
8	Unknown	0	0%
9	Missing	90	
Sysmiss		8266	

FATHDYR: year of father's death (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 2679 Invalid: 10232

Type: Discrete Decimal: 0 Width: 4 Range: 1930 - 9999 Format: Numeric

Questions and instructions

LITERAL QUESTION

If (fathvita) is no, year of mother's death

CATEGORIES

Value	Category
9998	Unknown
9999	Missing

Imputation and derivation

DERIVATION

variable: fathdest [decade estimate of father's death] (table[s]: tb_tbx, tb_tbo)

variable: fathdyr [year of father's death] (table[s]: tb_tbx, tb_tbo)

FATHDYRX: whether year of father's death is an estimate (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 2844 Invalid: 10067

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is the year of father's death is an estimate ?

CATEGORIES

Value	Category	Cases	
0	No	2807	98.7%
1	Yes	37	1.3%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		10067	

Imputation and derivation

DERIVATION

variable: fathdest [decade estimate of father's death] (table[s]: tb_tbx, tb_tbo)

variable: fathdyr [year of father's death] (table[s]: tb_tbx, tb_tbo)

PRETRTTB: Ever treated for TB previously (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 12529 Invalid: 382

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Ever treated for TB previously?

CATEGORIES

Value	Category	Cases	
0	No	11452	91.4%
1	Yes	1077	8.6%
8	Unknown	0	0%
9	Missing	213	
Sysmiss		169	

Imputation and derivation

DERIVATION

variable: pretrttb [previous TB treatment] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

variable: mohregdate [TB treatment registration date] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: treatdate [treatment start date] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

PRETRTYEAR: Year previously treated for TB (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1002 Invalid: 11909

Type: Continuous Decimal: 0 Width: 4 Range: 1959 - 2017 Format: Numeric

Questions and instructions

LITERAL QUESTION

If (pretrttb) is yes, Year previously treated for TB

Imputation and derivation

DERIVATION

variable: pretrtest [previous TB treatment] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

variable: pretrtyear [previous TB treatment year] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

variable: mohregdate [TB treatment registration date] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: treatdate [treatment start date] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

PRETRTYEARX: Whether year of past TB treatment is estimated (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1002 Invalid: 11909

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is the year of past TB treatment is estimated

CATEGORIES

Value	Category	Cases	
0	No	988	98.6%
1	Yes	14	1.4%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		11909	

Imputation and derivation

DERIVATION

variable: pretrtest [previous TB treatment] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

variable: pretrtyear [previous TB treatment year] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

PRETRTPL: Where were you treated? [in the past for TB]**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 1015 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Where were you treated? [in the past for TB]?

TBTYPE: Type of TB (from tbcpu combined file) (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 9091 Invalid: 3820

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Type of TB (from tbcpu combined file)

CATEGORIES

Value	Category	Cases	
1	Pulmonary only	7236	79.6%
2	Lymph node only	419	4.6%
3	Extra pulmonary only	784	8.6%
4	Pulmonary & lymph node	103	1.1%
5	Pulmonary & extra pulmonary	153	1.7%
6	Lymph node & extra pulmonary	32	0.4%
7	All three	2	0%
8	Other	362	4%
9	Missing	0	
Sysmiss		3820	

Imputation and derivation

DERIVATION

variable: tbtype (table[s]: tbcpu [derived table])

TBCPU: Whether TB is confirmed, probably or unknown (from tbcpu combined file) (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 8729 Invalid: 4182

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is TB confirmed, probably or unknown (from tbcpu combined file)

CATEGORIES

Value	Category	Cases	
1	Confirmed	3043	34.9%
2	Probable	2095	24%
3	Unlikely	3591	41.1%
Sysmiss		4182	

Imputation and derivation

DERIVATION

variable: tbcpu (table[s]: tbcpu [derived table])

MIC_RESH: Highest microscopy result (from tbcpu combined file) (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 4222 Invalid: 8689

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Highest microscopy result (from tbcpu combined file)

CATEGORIES

Value	Category	Cases	
0	Negative	0	0%
1	Positive	4222	100%
Sysmiss		8689	

Imputation and derivation

DERIVATION

variable: mic_res [microscopy result] (table[s]: tbcpu [derived table])

CULTPOSEVER: at least one positive culture during episode (from tbcpu combined file) (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 9091 Invalid: 3820

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

at least one positive culture during episode (from tbcpu combined file)

CATEGORIES

Value	Category	Cases	
0	No	5341	58.8%
1	Yes	3750	41.2%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		3820	

Imputation and derivation

DERIVATION

variable: pos_cult [culture positive] (table[s]: tbcpu [derived table])

OUTCOME_CPU: Outcome (from tbcpu combined file) (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 8926 Invalid: 3985

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Outcome (from tbcpu combined file)

CATEGORIES

Value	Category	Cases	
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1	Treatment completed	5561	62.3%
2	Died	2190	24.5%
3	Transferred out	361	4%
4	Failure	19	0.2%
5	Lost/defaulted	749	8.4%
8	Unknown	46	0.5%
9	Missing	32	
Sysmiss		3953	

Imputation and derivation

DERIVATION

variable: outcome_cpu (table[s]: tbcpu [derived table])

STARTEPS: Start of TB episode (from tbcpu combined file) (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 9091

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Start of TB episode (from tbcpu combined file)

Imputation and derivation

DERIVATION

variable: starteps (table[s]: tbcpu [derived table])

FINEPS: End of TB episode (from tbcpu combined file) (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 9091

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

End of TB episode (from tbcpu combined file)

Imputation and derivation

DERIVATION

variable: fineps (table[s]: tbcpu [derived table])

TREATSTARTDATE: Start date of treatment (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 8484

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Start date of treatment

Imputation and derivation

DERIVATION

variable: mohregdate [TB treatment registration date] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: treatdate [treatment start date] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

TREATSTARTDATEX: Whether treatstartdate is estimated (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2620 Invalid: 10291

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether treatstartdate is estimated

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	2597	99.1%
3	Month unknown	0	0%
4	Day and month unknown	23	0.9%
8	Not known at all	0	0%
9	Missing	0	

Sysmiss		10291	
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Imputation and derivation

DERIVATION

variable: mohregdatex [registration date is estimated] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: mohregdate [TB treatment registration date] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: treatdate [treatment start date] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

ILLDATE: Illness onset date (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 8257

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Illness onset date

Imputation and derivation

DERIVATION

variable: illwks [number of weeks ill] (table[s]: tb_tbx, tb_tbxto2007)

variable: illmm [illness onset month] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: illyear [illness onset year] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: illest [illness onset decade estimate] (table[s]: tb_tbxto2007, tbold_part1/2)

ILLDATEX: if illness onset date is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 8257 Invalid: 4654

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

if illness onset date is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	7520	91.1%

3	Month unknown	0	0%
4	Day and month unknown	736	8.9%
5		1	0%
8	Not known at all	0	0%
9	Missing	0	
Sysmiss		4654	

Imputation and derivation

DERIVATION

variable: illmm [illness onset month] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: illyear [illness onset year] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: illest [illness onset decade estimate] (table[s]: tb_tbxto2007, tbold_part1/2)

CERTTIME: Certainty of illness timing (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2847 Invalid: 10064

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Certainty of illness timing

CATEGORIES

Value	Category	Cases	
0	Unsure/unlikely	243	8.5%
1	Certain	2291	80.5%
2	Probable	313	11%
8	Unknown	0	0%
9	Missing	36	
Sysmiss		10028	

Imputation and derivation

DERIVATION

variable: illest [illness onset decade estimate] (table[s]: tb_tbxto2007, tbold_part1/2)

variable: certtime [certainty of illness timing] (table[s]: tb_tbx)

COUGH: Have you been coughing?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 6723 Invalid: 6188

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you been coughing?

CATEGORIES

Value	Category	Cases	
0	No	2798	41.6%
1	Yes	3925	58.4%
8	Unknown	0	0%
9	Missing	9	
Sysmiss		6179	

COUGHDATE: Coughing onset date (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 8694 Minimum: 1959-06-15 Maximum: 2018-06-15

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

If (cough) is yes, Coughing onset date

Imputation and derivation

DERIVATION

variable: coughest [cough onset decade estimate] (table[s]: tbold_part1/2)

variable: couweeks [number of weeks coughing] (table[s]: tb_tbx, tb_tbxto2007, tb_tbo, tb_tbotto2007)

variable: coughmm [cough onset month] (table[s]: tb_tbx, tb_tbxto2007, tb_tbo, tb_tbotto2007)

variable: coughyy [cough onset year] (table[s]: tb_tbx, tb_tbxto2007, tb_tbo, tb_tbotto2007)

variable: coughyear [cough onset year] (table[s]: tbold_part1/2)

COUGHDATEX: if coughing onset date is an estimate (D)**Data file:** combined_tb_cases_controls_final

Overview

Valid: 8295 Invalid: 4616

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

if coughing onset date is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	4737	57.1%
3	Month unknown	0	0%
4	Day and month unknown	3401	41%
5		157	1.9%
8	Not known at all	0	0%
9	Missing	0	
Sysmiss		4616	

Imputation and derivation

DERIVATION

variable: coughest [cough onset decade estimate] (table[s]: tbold_part1/2)

variable: coughmm [cough onset month] (table[s]: tb_tbx, tb_tbxto2007, tb_tbo, tb_tbotto2007)

variable: coughyy [cough onset year] (table[s]: tb_tbx, tb_tbxto2007, tb_tbo, tb_tbotto2007)

variable: coughyear [cough onset year] (table[s]: tbold_part1/2)

SWGL: Have you had swollen glands?

Data file: combined_tb_cases_controls_final

Overview

Valid: 3683 Invalid: 9228

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you had swollen glands?

CATEGORIES

Value	Category	Cases	
0	No	3404	92.4%
1	Yes	278	7.5%
8	Unknown	1	0%

9	Missing	288	
Sysmiss		8940	

SWGLDATE: Date of onset of swollen glands (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 278

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date of onset of swollen glands

Imputation and derivation

DERIVATION

variable: swglwks [number of weeks swollen glands] (table[s]: tb_tbx, tb_tbxto2007)

variable: swglmm [swollen glands onset month] (table[s]: tb_tbx, tb_tbxto2007)

variable: swglyear [swollen glands onset year] (table[s]: tb_tbx, tb_tbxto2007)

SWGLDATEX: whether onset date of swollen glands is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 278 Invalid: 12633

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

whether onset date of swollen glands is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	268	96.4%
3	Month unknown	0	0%
4	Day and month unknown	10	3.6%
8	Not known at all	0	0%
9	Missing	0	
Sysmiss		12633	

Imputation and derivation

DERIVATION

variable: swglimm [swollen glands onset month] (table[s]: tb_tbx, tb_tbxto2007)

variable: swglyear [swollen glands onset year] (table[s]: tb_tbx, tb_tbxto2007)

FIRSTDATE: Date first seeing health practitioner for illness (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 5817

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date first seeing health practitioner for illness

Imputation and derivation

DERIVATION

variable: delaywks [number of weeks delay seeking healthcare] (table[s]: tb_tbx, tb_tbxto2007)

variable: firstdate [first date seeing health care] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

FIRSTDATEX: Whether firsthpdate is estimated (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 5577 Invalid: 7334

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether firsthpdate is estimated

CATEGORIES

Value	Category	Cases	
1	Full date known	2190	39.3%
2	Day unknown	3293	59%
3	Month unknown	0	0%
4	Day and month unknown	94	1.7%
8	Not known at all	0	0%
9	Missing	0	

Sysmiss		7334	
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Imputation and derivation

DERIVATION

variable: delaywks [number of weeks delay seeking healthcare] (table[s]: tb_tbx, tb_tbxto2007)

variable: firstdatex [first date seeing health care is estimate] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

PRACTYPE: Which type of health practitioner did you go to first?

Data file: combined_tb_cases_controls_final

Overview

Valid: 5754 Invalid: 7157

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Which type of health practitioner did you go to first?

CATEGORIES

Value	Category	Cases	
1	Traditional healer (ng'anga)	328	5.7%
2	Health centre	2034	35.3%
3	Private clinic	749	13%
4	Hospital	2528	43.9%
5	KPS	115	2%
8	Unknown	0	0%
9	Missing	267	
Sysmiss		6890	

HCDATE: if first traditional healer: When first go to a health centre/clinic/hospital?

Data file: combined_tb_cases_controls_final

Overview

Valid: 325

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

if first traditional healer: When first go to a health centre/clinic/hospital?

HCDATEX: Whether hcdate is estimated**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 228 Invalid: 12683

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether hcdate is estimated

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	226	99.1%
3	Month unknown	0	0%
4	Day and month unknown	2	0.9%
8	Not known at all	0	0%
9	Missing	0	
Sysmiss		12683	

SUGGESTTB: Who first suggested you might have TB?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 5810 Invalid: 7101

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Who first suggested you might have TB?

CATEGORIES

Value	Category	Cases	
1	Self	1265	21.8%
2	Family	957	16.5%
3	Friends	137	2.4%
4	Neighbours	53	0.9%
5	Traditional healer	21	0.4%
6	Health centre	2138	36.8%

7	KPS staff	1095	18.8%
8	Don't know/can't recall	70	1.2%
9	Other	74	1.3%
98	Unknown	0	0%
99	Missing	13	
Sysmiss		7088	

HOWADMIT: How were you referred to hospital?

Data file: combined_tb_cases_controls_final

Overview

Valid: 5716 Invalid: 7195

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

How were you referred to hospital?

CATEGORIES

Value	Category	Cases	
1	Direct	1369	24%
2	Via KPS at H/C etc.	2381	41.7%
3	Via H/C not KPS	1412	24.7%
4	Private clinic not KPS	125	2.2%
5	Via traditional healer	17	0.3%
6	Via KPS not at H/C	66	1.2%
7	Via KPS doctor	180	3.1%
8	Transfer in	166	2.9%
98	Unknown	0	0%
99	Missing	89	
Sysmiss		7106	

BEDRIDDEN: Have you at any point been bedridden with this illness?

Data file: combined_tb_cases_controls_final

Overview

Valid: 3957 Invalid: 8954

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you at any point been bedridden with this illness?

CATEGORIES

Value	Category	Cases	
0	No	3281	82.9%
1	Yes	676	17.1%
8	Unknown	0	0%
9	Missing	14	
Sysmiss		8940	

TBTYPE1: Site of TB [1]

Data file: combined_tb_cases_controls_final

Overview

Valid: 9090 Invalid: 3821

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Site of TB

CATEGORIES

Value	Category	Cases	
0	Other	332	3.7%
1	Lungs	6972	76.7%
2	Pleura	495	5.4%
3	Intrathoracic Lymph	35	0.4%
4	Other Lymph Node	398	4.4%
5	Skin (lupus vulgaris)	10	0.1%
6	Meningitis	50	0.6%
7	Miliary	104	1.1%
8	Abdominal	136	1.5%
9	Bone and joint	194	2.1%
10	Clinical trial	65	0.7%
11	Child contact	1	0%
12	Reactive mantoux only	0	0%
98	unknown	298	3.3%
99	Missing	0	0%

Sysmiss		3821	
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TBTYPE2: Site of TB [2]

Data file: combined_tb_cases_controls_final

Overview

Valid: 306 Invalid: 12605

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Site of TB

CATEGORIES

Value	Category	Cases	
0	Other	69	22.5%
1	Lungs	3	1%
2	Pleura	93	30.4%
3	Intrathoracic Lymph	10	3.3%
4	Other Lymph Node	42	13.7%
5	Skin (lupus vulgaris)	0	0%
6	Meningitis	2	0.7%
7	Miliary	35	11.4%
8	Abdominal	14	4.6%
9	Bone and joint	7	2.3%
10	Clinical trial	16	5.2%
11	Child contact	7	2.3%
12	Reactive mantoux only	7	2.3%
98	unknown	1	0.3%
99	Missing	0	
Sysmiss		12605	

TBTYPE3: Site of TB [3]

Data file: combined_tb_cases_controls_final

Overview

Valid: 6 Invalid: 12905

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Site of TB

CATEGORIES

Value	Category	Cases	
0	Other	2	33.3%
1	Lungs	0	0%
2	Pleura	0	0%
3	Intrathoracic Lymph	2	33.3%
4	Other Lymph Node	0	0%
5	Skin (lupus vulgaris)	0	0%
6	Meningitis	0	0%
7	Miliary	0	0%
8	Abdominal	1	16.7%
9	Bone and joint	1	16.7%
10	Clinical trial	0	0%
11	Child contact	0	0%
12	Reactive mantoux only	0	0%
98	unknown	0	0%
99	Missing	0	
Sysmiss		12905	

SMEACULT: Smear positivity

Data file: combined_tb_cases_controls_final

Overview

Valid: 2758 Invalid: 10153

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Smear positivity

CATEGORIES

Value	Category	Cases	
1	Smear positive by KPS	1292	46.8%
2	Smear positive by KDH	203	7.4%
3	Culture positive by KPS	154	5.6%
4	Unknown cult, smear neg	461	16.7%

5	Other	648	23.5%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		10153	

SMEACULT_OLD: Smear positivity (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 3948 Invalid: 8963

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Smear positivity

CATEGORIES

Value	Category	Cases	
1	Smear	2143	54.3%
2	Culture	278	7%
3	Other	1296	32.8%
8	Unknown	231	5.9%
9	Missing	136	
Sysmiss		8827	

Imputation and derivation

DERIVATION

variable: smeacult (table[s]: tb_tbx, tb_tbxto2007)

MIC_RESD: Microscopy result at diagnosis (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 5726 Invalid: 7185

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Microscopy result at diagnosis

CATEGORIES

Value	Category	Cases	
0	Negative	1947	34%
1	Positive	3779	66%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		7185	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_microscopy)

variable: spectype [specimen type] (table[s]: tb_specimen)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: mic_res [microscopy result] (table[s]: tb_microscopy)

MIC_RES2M: Microscopy result 2 months after diagnosis (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2051 Invalid: 10860

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Microscopy result 2 months after diagnosis

CATEGORIES

Value	Category	Cases	
0	Negative	1704	83.1%
1	Positive	347	16.9%
Sysmiss		10860	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_microscopy)

variable: spectype [specimen type] (table[s]: tb_specimen)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: mic_res [microscopy result] (table[s]: tb_microscopy)

MIC_RESC: Microscopy result within 2 months of treatment completion (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2387 Invalid: 10524

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Microscopy result within 2 months of treatment completion

CATEGORIES

Value	Category	Cases	
0	Negative	2354	98.6%
1	Positive	33	1.4%
Sysmiss		10524	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_microscopy)

variable: spectype [specimen type] (table[s]: tb_specimen)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: mic_res [microscopy result] (table[s]: tb_microscopy)

CULT_RES: Culture result at diagnosis (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 5402 Invalid: 7509

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Culture result at diagnosis

CATEGORIES

Value	Category	Cases	
0	Negative	2496	46.2%
1	Positive	2906	53.8%
Sysmiss		7509	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_culture)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: identif [culture result] (table[s]: tb_culture)

CULT_RES2M: Culture result 2 months after diagnosis (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1075 Invalid: 11836

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Culture result 2 months after diagnosis

CATEGORIES

Value	Category	Cases	
0	Negative	1037	96.5%
1	Positive	38	3.5%
Sysmiss		11836	

Imputation and derivation

DERIVATION

variable: tblabno [lab number] (table[s]: tb_specimen, tb_culture)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: identif [culture result] (table[s]: tb_culture)

CULT_RESC: Culture result within 2 months of treatment completion (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1890 Invalid: 11021

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

Culture result within 2 months of treatment completion

CATEGORIES

Value	Category	Cases	
0	Negative	1868	98.8%
1	Positive	22	1.2%
Sysmiss		11021	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_culture)
 variable: datecoll [specimen collection date] (table[s]: tb_specimen)
 variable: identif [culture result] (table[s]: tb_culture)

DRUGRES_S: Whether patient was resistant to streptomycin at treatment start (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1046 Invalid: 11865
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether patient was resistant to streptomycin at treatment start

CATEGORIES

Value	Category	Cases	
0	No	958	91.6%
1	Yes	88	8.4%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		11865	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_culture)
 variable: datecoll [specimen collection date] (table[s]: tb_specimen)
 variable: s [streptomycin resistance result] (table[s]: tb_culture)

DRUGRES_I: Whether patient was resistant to isoniazid at treatment start (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2774 Invalid: 10137
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether patient was resistant to isoniazid at treatment start

CATEGORIES

Value	Category	Cases	
0	No	2556	92.1%
1	Yes	218	7.9%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		10137	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_culture)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: i [isoniazid resistance result] (table[s]: tb_culture)

DRUGRES_R: Whether patient was resistant to rifampicin at treatment start (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2777 Invalid: 10134

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether patient was resistant to rifampicin at treatment start

CATEGORIES

Value	Category	Cases	
0	No	2749	99%
1	Yes	28	1%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		10134	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_culture)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: r [rifampicin resistance result] (table[s]: tb_culture)

MTB: What was the result of Xpert MTB?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 158 Invalid: 12753

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

What was the result of Xpert MTB?

CATEGORIES

Value	Category	Cases	
0	MTB neg	32	20.3%
1	MTB pos	126	79.7%
8	Unknown	0	0%
9	Missing	3	
Sysmiss		12750	

DRUGRES_E: Whether patient was resistant to ethambutol at treatment start (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 1141 Invalid: 11770

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether patient was resistant to ethambutol at treatment start

CATEGORIES

Value	Category	Cases	
0	No	1130	99%
1	Yes	11	1%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		11770	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_culture)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: e [ethambutol resistance result] (table[s]: tb_culture)

DRUGRES_P: Whether patient was resistant to pyrazinamide at treatment start (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 447 Invalid: 12464

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether patient was resistant to pyrazinamide at treatment start

CATEGORIES

Value	Category	Cases	
0	No	434	97.1%
1	Yes	13	2.9%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12464	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_culture)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: p [pyrazinamide resistance result] (table[s]: tb_culture)

DRUGRES_C: Whether patient was resistant to ciprofloxacin at treatment start (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 69 Invalid: 12842

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether patient was resistant to ciprofloxacin at treatment start

CATEGORIES

Value	Category	Cases	
0	No	69	100%

1	Yes	0	0%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12842	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_culture)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: c [ciprofloxacin resistance result] (table[s]: tb_culture)

BIOPDATE: Date of biopsy (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 202

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date of biopsy

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_biopsy)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

BIOPTISSUE: Tissue biopsied (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 202 Invalid: 12709

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Tissue biopsied

CATEGORIES

Value	Category	Cases	
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1	Breast lump	0	0%
2	Lymph node	192	95%
3	Salivary gland	1	0.5%
4	Skin	9	4.5%
5	???	0	0%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12709	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_biopsy)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: tissue [tissue biopsied] (table[s]: tb_biopsy)

BIOPDISEASE: Disease identified through biopsy (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 188 Invalid: 12723

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Disease identified through biopsy

CATEGORIES

Value	Category	Cases	
1	Actrophy	0	0%
2	Adoema	0	0%
3	Adenocarcinoma	0	0%
4	Benign epidermoid cyst	0	0%
5	Benign fibroadenoma	0	0%
6	Eosb reactive	0	0%
7	Fibrosis	0	0%
8	Hodgkin's lymphoma	0	0%
10	Kaposi sarcoma	3	1.6%
11	Metastatic carcinoma	0	0%
12	Non hodgkin lymphoma	0	0%
13	Pyogenic granulomas	0	0%

14	Plexiform neurofibroma	0	0%
15	Reactive hyperplasia	3	1.6%
16	Subcutaneous tissue	0	0%
17	TB	182	96.8%
18	???	0	0%
88	Unknown	0	0%
99	Missing	0	0%
9	Inflammation	1	
Sysmiss		12722	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_biopsy)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: disease [biopsy result] (table[s]: tb_biopsy)

BIOPCERTAINTY: Certainty of biopsy diagnosis (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 201 Invalid: 12710

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Certainty of biopsy diagnosis

CATEGORIES

Value	Category	Cases	
0	uncertain	0	0%
1	confirmed beyond reasonable doubt	164	81.6%
2	suggestive but not diagnostic / pathognomonic	16	8%
3	pathological and possibly leprosy	2	1%
4	pathological bur non-specific	8	4%
5	normal tissue	1	0.5%
6	pathological and indicative of some other disease	7	3.5%
7	other/ unforeseen circumstances	3	1.5%
8	unknown	0	0%
9	missing	0	0%
Sysmiss		12710	

Imputation and derivation

DERIVATION

variable: tlabno [lab number] (table[s]: tb_specimen, tb_biopsy)

variable: datecoll [specimen collection date] (table[s]: tb_specimen)

variable: certainty [certainty of biopsy result] (table[s]: tb_biopsy)

XPert: Was Xpert MTB/RIF done?

Data file: combined_tb_cases_controls_final

Overview

Valid: 908 Invalid: 12003

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was Xpert MTB/RIF done?

CATEGORIES

Value	Category	Cases	
0	No	747	82.3%
1	Yes	161	17.7%
8	Unknown	0	0%
9	Missing	44	
Sysmiss		11959	

INDICATION: What was the indication for doing Xpert MTB/RIF?

Data file: combined_tb_cases_controls_final

Overview

Valid: 155 Invalid: 12756

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

What was the indication for doing Xpert MTB/RIF?

CATEGORIES

Value	Category	Cases	
1	Retreatment case/MDR suspect	34	21.9%
2	TB suspect-Hospitalized	38	24.5%
3	TB suspect-New	78	50.3%

4	Other	5	3.2%
8	Unknown	0	0%
9	Missing	6	
Sysmiss		12750	

RIF: What was the result of Xpert RIF?

Data file: combined_tb_cases_controls_final

Overview

Valid: 121 Invalid: 12790

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

What was the result of Xpert RIF?

CATEGORIES

Value	Category	Cases	
0	RIF not detected	105	86.8%
1	RIF detected	16	13.2%
8	Unknown	0	0%
9	Missing	40	
Sysmiss		12750	

CXR: Was chest x-ray done?

Data file: combined_tb_cases_controls_final

Overview

Valid: 2594 Invalid: 10317

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was chest x-ray done?

CATEGORIES

Value	Category	Cases	
0	No	1489	57.4%
1	Yes	1105	42.6%
8	Unknown	0	0%

9	Missing	162	
Sysmiss		10155	

CXRDIAG: Was it diagnostic of TB?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1074 Invalid: 11837

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was it diagnostic of TB?

CATEGORIES

Value	Category	Cases	
0	No	114	10.6%
1	Yes	960	89.4%
8	Unknown	0	0%
9	Missing	32	
Sysmiss		11805	

LYMPHHIS: If lymphnode TB only, is diagnosis confirmed by histology?

Data file: combined_tb_cases_controls_final

Overview

Valid: 163 Invalid: 12748

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If lymphnode TB only, is diagnosis confirmed by histology?

CATEGORIES

Value	Category	Cases	
0	No	143	87.7%
1	Yes	20	12.3%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		12748	

HBRES: Hb result**Data file: combined_tb_cases_controls_final****Overview**

Valid: 4331 Invalid: 8580

Type: Discrete Decimal: 0 Width: 2 Range: 5 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Hb result

CATEGORIES

Value	Category	Cases	
5		6	0.1%
6		26	0.6%
7		63	1.5%
8		136	3.1%
10		806	18.6%
11		1150	26.6%
12		663	15.3%
13		305	7%
14		89	2.1%
98	Unknown	0	0%
99	Missing	1087	25.1%
9		285	
Sysmiss		8295	

ICTRES: ICT result**Data file: combined_tb_cases_controls_final****Overview**

Valid: 10 Invalid: 12901

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

ICT result

CATEGORIES

Value	Category	Cases	
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0	Negative	7	70%
1	Positive	3	30%
2	Doubtful	0	0%
3	Refused to answer	0	0%
4	Indeterminate	0	0%
7	Not applicable	0	0%
8	Unknown	0	0%
9	Missing	1995	
Sysmiss		10906	

TBCLIN: Current TB treatment Centre

Data file: combined_tb_cases_controls_final

Overview

Valid: 435 Invalid: 0

Type: Discrete Width: 6 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Current TB treatment Centre

TIDATE: Date registered at current TB treatment centre

Data file: combined_tb_cases_controls_final

Overview

Valid: 435

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date registered at current TB treatment centre

TBCLIN1: Treatment centre registered (at initially)

Data file: combined_tb_cases_controls_final

Overview

Valid: 435 Invalid: 0

Type: Discrete Width: 6 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Treatment centre registered (at initially)

TREATINT: Anti-tuberculous treatment

Data file: combined_tb_cases_controls_final

Overview

Valid: 3783 Invalid: 9128

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Anti-tuberculous treatment

CATEGORIES

Value	Category	Cases	
1	Short course (6 months) (catI)	2894	76.5%
2	Standard course	367	9.7%
3	Extrapulmonary	8	0.2%
4	Retreatment (Cat II)	394	10.4%
5	TB Meningitis	52	1.4%
6	MDR-TB	8	0.2%
7	Other	60	1.6%
8	Unknown	0	0%
9	Missing	19	
Sysmiss		9109	

TRTSTARTPL: Place treatment started

Data file: combined_tb_cases_controls_final

Overview

Valid: 2590 Invalid: 10321

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Place treatment started

CATEGORIES

Value	Category	Cases	
1	Hospital	1466	56.6%
2	Home	1124	43.4%
8	Unknown	0	0%
9	Missing	19	
Sysmiss		10302	

REGINTEST: Whether intensive phase drug regimen is estimated (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 6866 Invalid: 6045

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether intensive phase drug regimen is estimated

CATEGORIES

Value	Category	Cases	
0	No	1704	24.8%
1	Yes	5162	75.2%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		6045	

Imputation and derivation

DERIVATION

variable: treat_s [received streptomycin in intensive phase] (table[s]: tbold_part1/2)

variable: treat_h [received isoniazid in intensive phase] (table[s]: tbold_part1/2)

variable: treat_r [received rifampicin in intensive phase] (table[s]: tbold_part1/2)

variable: treat_z [received pyrazinamide in intensive phase] (table[s]: tbold_part1/2)

variable: treat_t [received thiacetazone in intensive phase] (table[s]: tbold_part1/2)

variable: treat_e [received ethambutol in intensive phase] (table[s]: tbold_part1/2)

variable: treat_f [received fatol in intensive phase] (table[s]: tbold_part1/2)

variable: treat_rh [received rinfinah in intensive phase] (table[s]: tbold_part1/2)

REGCONTEST: Whether continuation phase drug regimen is estimated (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 6841 Invalid: 6070

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether continuation phase drug regimen is estimated

CATEGORIES

Value	Category	Cases	
0	No	1320	19.3%
1	Yes	5521	80.7%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		6070	

Imputation and derivation

DERIVATION

variable: cptreat_s [received streptomycin in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_h [received isoniazid in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_r [received rifampicin in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_z [received pyrazinamide in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_t [received thiacetazone in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_e [received ethambutol in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_f [received fatol in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_rh [received rinfinah in continuation phase] (table[s]: tbold_part1/2)

DRUGREG_INT: drug regimen of intensive phase (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 6866 Invalid: 0
 Type: Discrete Width: 62 Range: - Format: character

Questions and instructions

LITERAL QUESTION

drug regimen of intensive phase

Imputation and derivation

DERIVATION

variable: treatstartdate [treatment start date] (table[s]: derived variable)
 variable: birth_date [date of birth] (table[s]: derived variable)
 variable: mic_resD [microscopy result at diagnosis] (table[s]: derived variable)
 variable: tbtype1 [TB type] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)
 variable: tbtype2 [TB type] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)
 variable: tbtype3 [TB type] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: treatint [type of treatment] (table[s]: tb_tbx, tb_tbxto2007)
 variable: treat_s [received streptomycin in intensive phase] (table[s]: tbold_part1/2)
 variable: treat_h [received isoniazid in intensive phase] (table[s]: tbold_part1/2)
 variable: treat_r [received rifampicin in intensive phase] (table[s]: tbold_part1/2)
 variable: treat_z [received pyrazinamide in intensive phase] (table[s]: tbold_part1/2)
 variable: treat_t [received thiacetazone in intensive phase] (table[s]: tbold_part1/2)
 variable: treat_e [received ethambutol in intensive phase] (table[s]: tbold_part1/2)
 variable: treat_f [received fatol in intensive phase] (table[s]: tbold_part1/2)
 variable: treat_rh [received rinfinah in intensive phase] (table[s]: tbold_part1/2)
 variable: regintest [intensive phase regimen estimated] (table[s]: derived variable)

DRUGREG_CONT: drug regimen of continuation phase (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 6841 Invalid: 0

Type: Discrete Width: 54 Range: - Format: character

Questions and instructions

LITERAL QUESTION

drug regimen of continuation phase

Imputation and derivation

DERIVATION

variable: treatstartdate [treatment start date] (table[s]: derived variable)
 variable: birth_date [date of birth] (table[s]: derived variable)
 variable: mic_resD [microscopy result at diagnosis] (table[s]: derived variable)
 variable: tbtype1 [TB type] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)
 variable: tbtype2 [TB type] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)
 variable: tbtype3 [TB type] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)
 variable: treatint [type of treatment] (table[s]: tb_tbx, tb_tbxto2007)
 variable: cptreat_s [received streptomycin in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_h [received isoniazid in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_r [received rifampicin in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_z [received pyrazinamide in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_t [received thiacetazone in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_e [received ethambutol in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_f [received fatol in continuation phase] (table[s]: tbold_part1/2)
 variable: cptreat_rh [received rinfinah in continuation phase] (table[s]: tbold_part1/2)
 variable: regcontest [continuation phase regimen estimated] (table[s]: derived variable)

MTHREG_INT: length of intensive phase estimated (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 6624 Invalid: 6287

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

Questions and instructions

LITERAL QUESTION

length of intensive phase estimated

Imputation and derivation

DERIVATION

variable: treatstartdate [treatment start date] (table[s]: derived variable)
 variable: birth_date [date of birth] (table[s]: derived variable)
 variable: mic_resD [microscopy result at diagnosis] (table[s]: derived variable)
 variable: tbtype1 [TB type] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)
 variable: tbtype2 [TB type] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)
 variable: tbtype3 [TB type] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)
 variable: treatint [type of treatment] (table[s]: tb_tbx, tb_tbxto2007)

MTHREG_CONT: length of continuation phase estimated (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 6624 Invalid: 6287
 Type: Discrete Decimal: 0 Width: 2 Range: 4 - 11 Format: Numeric

Questions and instructions

LITERAL QUESTION

length of continuation phase estimated

Imputation and derivation

DERIVATION

variable: treatstartdate [treatment start date] (table[s]: derived variable)
 variable: birth_date [date of birth] (table[s]: derived variable)
 variable: mic_resD [microscopy result at diagnosis] (table[s]: derived variable)
 variable: tbtype1 [TB type] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)
 variable: tbtype2 [TB type] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)
 variable: tbtype3 [TB type] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)
 variable: treatint [type of treatment] (table[s]: tb_tbx, tb_tbxto2007)

TRTCHNG: Was treatment changed during intensive phase?

Data file: combined_tb_cases_controls_final

Overview

Valid: 8643 Invalid: 4268
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was treatment changed during intensive phase?

CATEGORIES

Value	Category	Cases	
0	No	7744	89.6%
1	Yes	163	1.9%
7		736	8.5%
8	Unknown	0	0%
9	Missing	84	
Sysmiss		4184	

CHTRTINT_DRUGS: Treatment change in intensive phase (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 16 Invalid: 0

Type: Discrete Width: 62 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Treatment change in intensive phase

Imputation and derivation

DERIVATION

variable: chtrt_s [treatment change to streptomycin in intensive phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: chtrt_h [treatment change to isoniazid in intensive phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: chtrt_r [treatment change to rifampicin in intensive phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: chtrt_z [treatment change to pyrazinamide in intensive phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: chtrt_t [treatment change to thiacetazone in intensive phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: chtrt_e [treatment change to ethambutol in intensive phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: chtrt_f [treatment change to fatol in intensive phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: chtrt_rh [treatment change to rinfinah in intensive phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

TRTCHNGRSN: If yes, why? [treatment change in intensive phase]

Data file: combined_tb_cases_controls_final

Overview

Valid: 19 Invalid: 12892

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If yes, why? [treatment change in intensive phase]

CATEGORIES

Value	Category	Cases	
1	Out of stock	0	0%
2	Stevens-Johnson syndrome	1	5.3%
3	Other drug reaction	4	21.1%
4	Drug resistance	1	5.3%
5	Other (specify)	13	68.4%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		12892	

CPTRTCHNG: Was treatment changed during continuation phase?

Data file: combined_tb_cases_controls_final

Overview

Valid: 5733 Invalid: 7178

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was treatment changed during continuation phase?

CATEGORIES

Value	Category	Cases	
0	No	4361	76.1%
1	Yes	23	0.4%
7		899	15.7%
8	Unknown	0	0%
9	Missing	450	7.8%
Sysmiss		7178	

CHTRTCONT_DRUGS: Treatment change in continuation phase (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 20 Invalid: 0

Type: Discrete Width: 66 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Treatment change in continuation phase

Imputation and derivation

DERIVATION

variable: cpchtrt_s [treatment change to streptomycin in continuation phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: cpchtrt_h [treatment change to isoniazid in continuation phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: cpchtrt_r [treatment change to rifampicin in continuation phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: cpchtrt_z [treatment change to pyrazinamide in continuation phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: cpchtrt_t [treatment change to thiacetazone in continuation phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: cpchtrt_e [treatment change to ethambutol in continuation phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: cpchtrt_f [treatment change to fatol in continuation phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

variable: cpchtrt_rh [treatment change to rinfinah in continuation phase] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2)

CPCHNGRSN: If yes, why? [treatment change in continuation phase]

Data file: combined_tb_cases_controls_final

Overview

Valid: 21 Invalid: 12890

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If yes, why? [treatment change in continuation phase]

CATEGORIES

Value	Category	Cases	
1	Out of stock	1	4.8%
2	Stevens-Johnson syndrome	0	0%
3	Other drug reaction	0	0%
4	Drug resistance	4	19%
5	Other (specify)	16	76.2%
8	Unknown	0	0%
9	Missing	2	
Sysmiss		12888	

IDHDHSE: unique identifier of head of household linkable to other studies

Data file: combined_tb_cases_controls_final

Overview

Valid: 3765 Invalid: 0
Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

unique identifier of head of household linkable to other studies

CURHSE: current house

Data file: combined_tb_cases_controls_final

Overview

Valid: 5843 Invalid: 0
Type: Discrete Width: 5 Range: - Format: character

Questions and instructions

LITERAL QUESTION

current house

CURVIL: Current village

Data file: combined_tb_cases_controls_final

Overview

Valid: 9122 Invalid: 0
Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Current village

CURGHID: current ghgid (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1952 Invalid: 0
Type: Discrete Width: 5 Range: - Format: character

Questions and instructions

LITERAL QUESTION

current ghhid

Imputation and derivation

DERIVATION

variable: curghhid (table[s]: tb_tbxto2007)

variable: ghhid (table[s]: tb_tbotto2007)

CRS: CRS member at time of interview (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 657 Invalid: 12254

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

CRS member at time of interview

Imputation and derivation

DERIVATION

variable: intdate (table[s]: this file)

variable: startdate (table[s]: crs_residency_episodes_clean_nopoly)

variable: stopdate (table[s]: crs_residency_episodes_clean_nopoly)

CRSHSE: CRSHSE id at time of interview (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 657 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

CRSHSE id at time of interview

Imputation and derivation

DERIVATION

variable: intdate (table[s]: this file)
 variable: startdate (table[s]: crs_residency_episodes_clean_nopoly)
 variable: stopdate (table[s]: crs_residency_episodes_clean_nopoly)
 variable: crshse (table[s]: crs_residency_episodes_clean_nopoly)

CURGPSPL: GPS based on village or household (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 10219 Invalid: 2692
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

LITERAL QUESTION

GPS based on village or household

CATEGORIES

Value	Category	Cases	
1	Household	2877	28.2%
2	Village	7342	71.8%
Sysmiss		2692	

Imputation and derivation

DERIVATION

variable: gpssdeg [GPS coordinate south degrees] (table[s]: val_village, crs_houseall, gp_gphhold)
 variable: gpssmin [GPS coordinate south minutes] (table[s]: val_village, crs_houseall, gp_gphhold)
 variable: gpsedeg [GPS coordinate east degrees] (table[s]: val_village, crs_houseall, gp_gphhold)
 variable: gpsemin [GPS coordinate east minutes] (table[s]: val_village, crs_houseall, gp_gphhold)

CURGPSSDEG: current GPS coord (south degrees) (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 10219 Invalid: 2692
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 10 Format: Numeric

Questions and instructions

LITERAL QUESTION

current GPS coord (south degrees)

Imputation and derivation

DERIVATION

variable: gpssdeg [GPS coordinate south degrees] (table[s]: val_village, crs_houseall, gp_gphhold)
 variable: gpssmin [GPS coordinate south minutes] (table[s]: val_village, crs_houseall, gp_gphhold)
 variable: gpssdeg [GPS coordinate east degrees] (table[s]: val_village, crs_houseall, gp_gphhold)
 variable: gpssmin [GPS coordinate east minutes] (table[s]: val_village, crs_houseall, gp_gphhold)

CURGPSSMIN: current GPS coord (south minute) (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 10219 Invalid: 2692
 Type: Continuous Decimal: 0 Width: 16 Range: 0 - 59.9770011901856 Format: Numeric

Questions and instructions

LITERAL QUESTION

current GPS coord (south minute)

Imputation and derivation

DERIVATION

variable: gpssdeg [GPS coordinate south degrees] (table[s]: val_village, crs_houseall, gp_gphhold)
 variable: gpssmin [GPS coordinate south minutes] (table[s]: val_village, crs_houseall, gp_gphhold)
 variable: gpssdeg [GPS coordinate east degrees] (table[s]: val_village, crs_houseall, gp_gphhold)
 variable: gpssmin [GPS coordinate east minutes] (table[s]: val_village, crs_houseall, gp_gphhold)

CURGPSEDEG: current GPS coord (east degrees) (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 10219 Invalid: 2692
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 34 Format: Numeric

Questions and instructions

LITERAL QUESTION

current GPS coord (east degrees) (

Imputation and derivation

DERIVATION

variable: gpssdeg [GPS coordinate south degrees] (table[s]: val_village, crs_houseall, gp_gphhold)
 variable: gpssmin [GPS coordinate south minutes] (table[s]: val_village, crs_houseall, gp_gphhold)
 variable: gpssdeg [GPS coordinate east degrees] (table[s]: val_village, crs_houseall, gp_gphhold)
 variable: gpssmin [GPS coordinate east minutes] (table[s]: val_village, crs_houseall, gp_gphhold)

CURGPSEMIN: current GPS coord (east minutes) (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 10219 Invalid: 2692

Type: Continuous Decimal: 0 Width: 16 Range: 0 - 59.9679985046387 Format: Numeric

Questions and instructions

LITERAL QUESTION

current GPS coord (east minutes)

Imputation and derivation

DERIVATION

variable: gpssdeg [GPS coordinate south degrees] (table[s]: val_village, crs_houseall, gp_gphhold)

variable: gpssmin [GPS coordinate south minutes] (table[s]: val_village, crs_houseall, gp_gphhold)

variable: gpsdeg [GPS coordinate east degrees] (table[s]: val_village, crs_houseall, gp_gphhold)

variable: gpsemin [GPS coordinate east minutes] (table[s]: val_village, crs_houseall, gp_gphhold)

JOINDATE: Date of joining/becoming head of current household (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 8955

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date of joining/becoming head of current household

Imputation and derivation

DERIVATION

variable: joinest [decade estimate of joining household] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

variable: joinmm [month of joining household] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

variable: joinyear [year of joining household] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

JOINDATEX: Whether date of joining current household is an estimate (D)**Data file:** combined_tb_cases_controls_final

Overview

Valid: 8955 Invalid: 3956

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether date of joining current household is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	3370	37.6%
3	Month unknown	0	0%
4	Day and month unknown	5401	60.3%
5		184	2.1%
8	Not known at all	0	0%
9	Missing	0	
Sysmiss		3956	

Imputation and derivation

DERIVATION

variable: joinest [decade estimate of joining household] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: joinmm [month of joining household] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: joinyear [year of joining household] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

gen joindatex=2 if joinyear~=.

replace joindatex=4 if joinmm==. & joinyear~=.

replace joindatex=5 if joinest~=. & joinyear~=.

la val joindatex datex

RSNJOIN: Reason for joining

Data file: combined_tb_cases_controls_final

Overview

Valid: 4775 Invalid: 8136

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Reason for joining

CATEGORIES

Value	Category	Cases	
1	Marriage	2919	61.1%
2	Divorce/separation	449	9.4%
3	Widowhood	345	7.2%
4	Visiting	11	0.2%
5	School/training (start or end)	45	0.9%
6	Work/employment (start or end)	107	2.2%
7	Sickness (own)	427	8.9%
8	Nursing (someone else)	6	0.1%
9	Death/bereavement	141	3%
10	Returning family member (no more specific cause known)	65	1.4%
11	Quarrel (family or neighbourhood)	0	0%
12	Attending ceremony (funeral, wedding, etc.)	1	0%
13	Environmental/foreign/outside reason (e.g. refugee, house collapse)	6	0.1%
14	Joining relative's household (no more specific reason known)	138	2.9%
15	Retirement	1	0%
16	Improved living conditions	89	1.9%
17	Born in the same family	6	0.1%
18	Other	19	0.4%
98	Unknown	0	0%
99	Missing	374	
Sysmiss		7762	

POSN: Position in household

Data file: combined_tb_cases_controls_final

Overview

Valid: 5456 Invalid: 7455

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Position in household

CATEGORIES

Value	Category	Cases	
0	Prisoner	0	0%
1	Head	2565	47%
2	Member	2701	49.5%
3	Visitor	119	2.2%

4	Itinerant	0	0%
5	Employed worker or servant	11	0.2%
6	Renter	5	0.1%
7	Institutional member	6	0.1%
8	Non member relative	49	0.9%
9	Patient	0	0%
10	Relative of employed worker or renter	0	0%
98	Unknown	0	0%
99	Missing	0	
Sysmiss		7455	

PREVVIL: Previous village (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 5422 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Previous village

Imputation and derivation

DERIVATION

variable: prevvil [previous village] (table[s]: tb_tbx) variable: previl [previous village] (table[s]: tb_tbo, tb_tbot2007)

replace prevvil=previl if prevvil=="" & previl~=""

OTHHH5YR: Have you lived in another household during the last five years?

Data file: combined_tb_cases_controls_final

Overview

Valid: 6677 Invalid: 6234

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you lived in another household during the last five years?

CATEGORIES

Value	Category	Cases	
0	No	4861	72.8%
1	Yes	1816	27.2%
8	Unknown	0	0%
9	Missing	55	
Sysmiss		6179	

PREVIL1: Give the most recent: Previous household Village1

Data file: combined_tb_cases_controls_final

Overview

Valid: 3249 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Give the most recent: Previous household Village1

PREFRDATE1: Date started living in previous village 1 (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 3196

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date started living in previous village 1

Imputation and derivation

DERIVATION

variable: prefrest1 [decade estimate of previous village start] table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefrmm1 [month of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefryear1 [year of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

recode prefrmm1 0=1

replace prefryear1=1895 if prefrest1==1

replace prefryear1=1905 if prefrest1==2

replace prefryear1=1915 if prefrest1==3

replace prefryear1=1925 if prefrest1==4

```

replace prefyear1=1935 if prefrest1==5
replace prefyear1=1945 if prefrest1==6
replace prefyear1=1955 if prefrest1==7
replace prefyear1=1965 if prefrest1==8
replace prefyear1=1975 if prefrest1==9
replace prefyear1=1985 if prefrest1==10
replace prefyear1=1995 if prefrest1==11
replace prefyear1=1895 if prefrest1==12
replace prefyear1=1907 if prefrest1==13
replace prefyear1=1924 if prefrest1==14
replace prefyear1=1940 if prefrest1==15
replace prefyear1=1951 if prefrest1==16
replace prefyear1=1960 if prefrest1==17
replace prefyear1=1970 if prefrest1==18
recode prefyear1 9999=. 0=.
gen prefrcode1=mdy(prefrmm1,15,prefyear1) if prefrmm1~=. & prefyear1~=.
replace prefrcode1=mdy(6,15,prefyear1) if prefrmm1==. & prefyear1~=.

```

PREFRDATE1X: Whether date started living in previous village 1 is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 3196 Invalid: 9715

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether date started living in previous village 1 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	678	21.2%
3	Month unknown	0	0%
4	Day and month unknown	2506	78.4%
5		12	0.4%
8	Not known at all	0	0%
9	Missing	0	
Sysmiss		9715	

Imputation and derivation

DERIVATION

variable: prefrest1 [decade estimate of previous village start] table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefrmm1 [month of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefyear1 [year of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

```

gen prefrdate1x=2 if prefyear1~= .
replace prefrdate1x=4 if prefmm1==. & prefyear1~= .
replace prefrdate1x=5 if prefrest1~= . & prefyear1~= .
la val prefrdate1x datex

```

PRETODATE1: Date stopped living in previous village 1 (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 3254
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date stopped living in previous village 1

Imputation and derivation

DERIVATION

variable: pretomm1 [month of previous village stop] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: pretoyear1 [year of previous village stop] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

```

recode pretomm1 0=1
recode pretoyear1 9999=. 0=.
gen pretodate1=mdy(pretomm1,15,pretoyear1) if pretomm1~= . & pretoyear1~= .
replace pretodate1=mdy(6,15,pretoyear1) if pretomm1==. & pretoyear1~= .

```

PRETODATE1X: Whether date stopped living in previous village 1 is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 3254 Invalid: 9657
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether date stopped living in previous village 1 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	2137	65.7%
3	Month unknown	0	0%

4	Day and month unknown	1117	34.3%
8	Not known at all	0	0%
9	Missing	0	
Sysmiss		9657	

Imputation and derivation

DERIVATION

variable: pretomm1 [month of previous village stop] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: pretoyear1 [year of previous village stop] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

gen pretodate1x=2 if pretoyear1~=. .

replace pretodate1x=4 if pretomm1=. & pretoyear1~=. .

la val pretodate1x datex

LEAVERS1: why did you leave? [previous village 1]

Data file: combined_tb_cases_controls_final

Overview

Valid: 1869 Invalid: 11042

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

why did you leave? [previous village 1]

CATEGORIES

Value	Category	Cases	
1	Marriage	241	12.9%
2	Divorce/Separation	169	9%
3	Widowhood	228	12.2%
4	Visiting	3	0.2%
5	School/training (start or end)	45	2.4%
6	Work/employment (start or end)	46	2.5%
7	Illness/sickness (own)	463	24.8%
8	Others	651	34.8%
98	Unknown	23	1.2%
99	Missing	278	
Sysmiss		10764	

PREVIL2: Give the most recent: Previous household Village2**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 520 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Give the most recent: Previous household Village2

PREFRDATE2: Date started living in previous village 1 (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 518

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date started living in previous village 1

Imputation and derivation

DERIVATION

variable: prefrest2 [decade estimate of previous village start] table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefrmm2 [month of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefryear2 [year of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

recode prefrmm2 0=1

replace prefryear2=1895 if prefrest2==1

replace prefryear2=1905 if prefrest2==2

replace prefryear2=1915 if prefrest2==3

replace prefryear2=1925 if prefrest2==4

replace prefryear2=1935 if prefrest2==5

replace prefryear2=1945 if prefrest2==6

replace prefryear2=1955 if prefrest2==7

replace prefryear2=1965 if prefrest2==8

replace prefryear2=1975 if prefrest2==9

replace prefryear2=1985 if prefrest2==10

replace prefryear2=1995 if prefrest2==11

replace prefryear2=1895 if prefrest2==12

replace prefryear2=1907 if prefrest2==13

replace prefryear2=1924 if prefrest2==14

replace prefryear2=1940 if prefrest2==15

replace prefryear2=1951 if prefrest2==16

replace prefryear2=1960 if prefrest2==17

```

replace prefyear2=1970 if prefrest2==18
recode prefyear2 9999=. 0=.
gen prefrdate2=mdy(prefrmm2,15,prefyear2) if prefrmm2~=. & prefyear2~=.
replace prefrdate2=mdy(6,15,prefyear2) if prefrmm2==. & prefyear2~=.

```

PREFRDATE2X: Whether date started living in previous village 1 is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 518 Invalid: 12393

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether date started living in previous village 1 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	240	46.3%
3	Month unknown	0	0%
4	Day and month unknown	277	53.5%
5		1	0.2%
8	Not known at all	0	0%
9	Missing	0	
Sysmiss		12393	

Imputation and derivation

DERIVATION

variable: prefrest2 [decade estimate of previous village start] table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefrmm2 [month of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefyear2 [year of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

```
gen prefrdate2x=2 if prefyear2~=.
```

```
replace prefrdate2x=4 if prefrmm2==. & prefyear2~=.
```

```
replace prefrdate2x=5 if prefrest2~=. & prefyear2~=.
```

```
la val prefrdate2x datex
```

PRETODATE2: Date stopped living in previous village 2 (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 520

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date stopped living in previous village 2

Imputation and derivation

DERIVATION

variable: pretomm2 [month of previous village stop] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

variable: pretoyear2 [year of previous village stop] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

recode pretomm2 0=1

recode pretoyear2 9999=. 0=.

gen pretodate2=mdy(pretomm2,15,pretoyear2) if pretomm2~= . & pretoyear2~= .

replace pretodate2=mdy(6,15,pretoyear2) if pretomm2==. & pretoyear2~= .

PRETODATE2X: Whether date stopped living in previous village 2 is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 520 Invalid: 12391

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether date stopped living in previous village 2 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	364	70%
3	Month unknown	0	0%
4	Day and month unknown	156	30%
8	Not known at all	0	0%
9	Missing	0	
Sysmiss		12391	

Imputation and derivation

DERIVATION

variable: pretomm2 [month of previous village stop] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

variable: pretoyear2 [year of previous village stop] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

gen pretodate2x=2 if pretoyear2~=.

replace pretodate2x=4 if pretomm2==. & pretoyear2~=.

la val pretodate2x datex

LEAVERS2: why did you leave? [previous village 2]

Data file: combined_tb_cases_controls_final

Overview

Valid: 440 Invalid: 12471

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

why did you leave? [previous village 2]

CATEGORIES

Value	Category	Cases	
1	Marriage	49	11.1%
2	Divorce/Separation	30	6.8%
3	Widowhood	72	16.4%
4	Visiting	1	0.2%
5	School/training (start or end)	11	2.5%
6	Work/employment (start or end)	17	3.9%
7	Illness/sickness (own)	71	16.1%
8	Others	185	42%
98	Unknown	4	0.9%
99	Missing	80	
Sysmiss		12391	

PREVIL3: Give the most recent: Previous household Village3

Data file: combined_tb_cases_controls_final

Overview

Valid: 127 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Give the most recent: Previous household Village3

PREFRDATE3: Date started living in previous village 3 (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 127

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date started living in previous village 3

Imputation and derivation

DERIVATION

variable: prefrest3 [decade estimate of previous village start] table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

variable: prefrmm3 [month of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

variable: prefryear3 [year of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

recode prefrmm3 0=1

replace prefryear3=1895 if prefrest3==1

replace prefryear3=1905 if prefrest3==2

replace prefryear3=1915 if prefrest3==3

replace prefryear3=1925 if prefrest3==4

replace prefryear3=1935 if prefrest3==5

replace prefryear3=1945 if prefrest3==6

replace prefryear3=1955 if prefrest3==7

replace prefryear3=1965 if prefrest3==8

replace prefryear3=1975 if prefrest3==9

replace prefryear3=1985 if prefrest3==10

replace prefryear3=1995 if prefrest3==11

replace prefryear3=1895 if prefrest3==12

replace prefryear3=1907 if prefrest3==13

replace prefryear3=1924 if prefrest3==14

replace prefryear3=1940 if prefrest3==15

replace prefryear3=1951 if prefrest3==16

replace prefryear3=1960 if prefrest3==17

replace prefryear3=1970 if prefrest3==18

recode prefryear3 9999=. 0=.

gen prefrdate3=mdy(prefrmm3,15,prefryear3) if prefrmm3~=. & prefryear3~=.

replace prefrdate3=mdy(6,15,prefryear3) if prefrmm3= . & prefryear3~=.

PREFRDATE3X: Whether date started living in previous village 3 is an estimate (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 127 Invalid: 12784

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether date started living in previous village 3 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	71	55.9%
3	Month unknown	0	0%
4	Day and month unknown	56	44.1%
8	Not known at all	0	0%
9	Missing	0	
Sysmiss		12784	

Imputation and derivation

DERIVATION

variable: prefrest3 [decade estimate of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefmm3 [month of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefyear3 [year of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

gen prefdate3x=2 if prefyear3~=.

replace prefdate3x=4 if prefmm3=.. & prefyear3~=.

replace prefdate3x=5 if prefrest3~=.. & prefyear3~=.

la val prefdate3x datex

PRETODATE3: Date stopped living in previous village 3 (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 127

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date stopped living in previous village 3

Imputation and derivation

DERIVATION

variable: pretomm3 [month of previous village stop] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

variable: pretoyear3 [year of previous village stop] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

```

recode pretomm3 0=1
recode pretoyear3 9999=. 0=.
gen pretodate3=mdy(pretomm3,15,pretoyear3) if pretomm3~=. & pretoyear3~=.
replace pretodate3=mdy(6,15,pretoyear3) if pretomm3==. & pretoyear3~=.

```

PRETODATE3X: Whether date stopped living in previous village 3 is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 127 Invalid: 12784
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether date stopped living in previous village 3 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	90	70.9%
3	Month unknown	0	0%
4	Day and month unknown	37	29.1%
8	Not known at all	0	0%
9	Missing	0	
Sysmiss		12784	

Imputation and derivation

DERIVATION

variable: pretomm3 [month of previous village stop] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tboto2007, tbold_control)
 variable: pretoyear3 [year of previous village stop] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tboto2007, tbold_control)

```

gen pretodate3x=2 if pretoyear3~=.
replace pretodate3x=4 if pretomm3==. & pretoyear3~=.
la val pretodate3x datex

```

LEAVERS3: why did you leave? [previous village 3]

Data file: combined_tb_cases_controls_final

Overview

Valid: 106 Invalid: 12805
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

why did you leave? [previous village 3]

CATEGORIES

Value	Category	Cases	
1	Marriage	12	11.3%
2	Divorce/Separation	5	4.7%
3	Widowhood	26	24.5%
4	Visiting	0	0%
5	School/training (start or end)	8	7.5%
6	Work/employment (start or end)	4	3.8%
7	Illness/sickness (own)	15	14.2%
8	Others	36	34%
98	Unknown	0	0%
99	Missing	21	
Sysmiss		12784	

PREVIL4: Give the most recent: Previous household Village4

Data file: combined_tb_cases_controls_final

Overview

Valid: 22 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Give the most recent: Previous household Village4

PREFRDATE4: Date started living in previous village 4 (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 22

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date started living in previous village 4

Imputation and derivation

DERIVATION

variable: prefrest4 [decade estimate of previous village start] table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefrmm4 [month of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefyear4 [year of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

recode prefrmm4 0=.

replace prefyear4=1895 if prefrest4==1

replace prefyear4=1905 if prefrest4==2

replace prefyear4=1915 if prefrest4==3

replace prefyear4=1925 if prefrest4==4

replace prefyear4=1935 if prefrest4==5

replace prefyear4=1945 if prefrest4==6

replace prefyear4=1955 if prefrest4==7

replace prefyear4=1965 if prefrest4==8

replace prefyear4=1975 if prefrest4==9

replace prefyear4=1985 if prefrest4==10

replace prefyear4=1995 if prefrest4==11

replace prefyear4=1895 if prefrest4==12

replace prefyear4=1907 if prefrest4==13

replace prefyear4=1924 if prefrest4==14

replace prefyear4=1940 if prefrest4==15

replace prefyear4=1951 if prefrest4==16

replace prefyear4=1960 if prefrest4==17

replace prefyear4=1970 if prefrest4==18

recode prefyear4 9999=. 0=.

gen prefrdate4=mdy(prefrmm4,15,prefyear4) if prefrmm4~=. & prefyear4~=.

replace prefrdate4=mdy(6,15,prefyear4) if prefrmm4==. & prefyear4~=.

PREFRDATE4X: Whether date started living in previous village 4 is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 22 Invalid: 12889

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether date started living in previous village 4 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	14	63.6%
3	Month unknown	0	0%
4	Day and month unknown	8	36.4%

8	Not known at all	0	0%
9	Missing	0	
Sysmiss		12889	

Imputation and derivation

DERIVATION

variable: prefrst4 [decade estimate of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefrmm4 [month of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

variable: prefyear4 [year of previous village start] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tbotto2007, tbold_control)

gen prefrdate4x=2 if prefyear4~=.

replace prefrdate4x=4 if prefrmm4==. & prefyear4~=.

replace prefrdate4x=5 if prefrst4~=. & prefyear4~=.

la val prefrdate4x datex

PRETODATE4: Date stopped living in previous village 4 (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 22

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date stopped living in previous village 4

Imputation and derivation

DERIVATION

variable: pretomm4 [month of previous village stop] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

variable: pretoyear4 [year of previous village stop] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

recode pretomm4 0=.

recode pretoyear4 9999= . 0=.

gen pretodate4=mdy(pretomm4,15,pretoyear4) if pretomm4~=. & pretoyear4~=.

replace pretodate4=mdy(6,15,pretoyear4) if pretomm4==. & pretoyear4~=.

PRETODATE4X: Whether date stopped living in previous village 4 is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 22 Invalid: 12889

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether date stopped living in previous village 4 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	16	72.7%
3	Month unknown	0	0%
4	Day and month unknown	6	27.3%
8	Not known at all	0	0%
9	Missing	0	0%
Sysmiss		12889	

Imputation and derivation

DERIVATION

variable: pretomm4 [month of previous village stop] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

variable: pretoyear4 [year of previous village stop] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

gen pretodate4x=2 if pretoyear4~=.

replace pretodate4x=4 if pretomm4==. & pretoyear4~=.

la val pretodate4x datex

LEAVERS4: why did you leave? [previous village 4]

Data file: combined_tb_cases_controls_final

Overview

Valid: 22 Invalid: 12889

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

why did you leave? [previous village 4]

CATEGORIES

Value	Category	Cases	
1	Marriage	0	0%
2	Divorce/Separation	2	9.1%
3	Widowhood	4	18.2%
4	Visiting	0	0%
5	School/training (start or end)	0	0%

6	Work/employment (start or end)	0	0%
7	Illness/sickness (own)	3	13.6%
8	Others	7	31.8%
98	Unknown	1	4.5%
99	Missing	5	22.7%
Sysmiss		12889	

ILLCURHSE: living in (current household) when you became unwell with this illness?

Data file: combined_tb_cases_controls_final

Overview

Valid: 3971 Invalid: 8940

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

living in (current household) when you became unwell with this illness?

CATEGORIES

Value	Category	Cases	
0	No	630	15.9%
1	Yes	3310	83.4%
8	Unknown	0	0%
9	Missing	31	0.8%
Sysmiss		8940	

ILLGHID1: ghhid of household1

Data file: combined_tb_cases_controls_final

Overview

Valid: 171 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

Questions and instructions

LITERAL QUESTION

ghhid of household1

ILLFRDATE1: Start date of living in house where became ill (if not current house) (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 684

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Start date of living in house where became ill (if not current house)

Imputation and derivation

DERIVATION

variable: illfrest1 [decade estimate of ill house start] (table[s]: tb_tbxto2007)

variable: illfrmm1 [month of ill house start] (table[s]: tb_tbx, tb_tbxto2007)

variable: illfryear1 [year of ill house start] (table[s]: tb_tbx, tb_tbxto2007)

variable: illfrdate1 [date of ill house start] (table[s]: tb_tbxto2007)

recode illfrmm1 0=.

replace illfryear1=1895 if illfrest1==1

replace illfryear1=1905 if illfrest1==2

replace illfryear1=1915 if illfrest1==3

replace illfryear1=1925 if illfrest1==4

replace illfryear1=1935 if illfrest1==5

replace illfryear1=1945 if illfrest1==6

replace illfryear1=1955 if illfrest1==7

replace illfryear1=1965 if illfrest1==8

replace illfryear1=1975 if illfrest1==9

replace illfryear1=1985 if illfrest1==10

replace illfryear1=1995 if illfrest1==11

replace illfryear1=1895 if illfrest1==12

replace illfryear1=1907 if illfrest1==13

replace illfryear1=1924 if illfrest1==14

replace illfryear1=1940 if illfrest1==15

replace illfryear1=1951 if illfrest1==16

replace illfryear1=1960 if illfrest1==17

replace illfryear1=1970 if illfrest1==18

recode illfryear1 9999=. 0=.

replace illfrdate1=mdy(illfrmm1,15,illfryear1) if illfrmm1~=. & illfryear1~=.

replace illfrdate1=mdy(6,15,illfryear1) if illfrmm1= . & illfryear1~=.

ILLFRDATE1X: Whether illhsefrdate1 is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1734 Invalid: 11177

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether illhsefrdate1 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	1369	79%
3	Month unknown	0	0%
4	Day and month unknown	358	20.6%
5		7	0.4%
8	Not known at all	0	0%
9	Missing	0	0%
Sysmiss		11177	

Imputation and derivation

DERIVATION

variable: illfrest1 [decade estimate of ill house start] (table[s]: tb_tbxto2007)
 variable: illfrmm1 [month of ill house start] (table[s]: tb_tbx, tb_tbxto2007)
 variable: illfyear1 [year of ill house start] (table[s]: tb_tbx, tb_tbxto2007)
 variable: illfrdate1x [date of ill house start is estimate] (table[s]: tb_tbxto2007)

replace illfrdate1x=2 if illfyear1~=.
 replace illfrdate1x=4 if illfrmm1=. & illfyear1~=.
 replace illfrdate1x=5 if illfrest1~=. & illfyear1~=.

ILLTODATE1: Stop date of living in house where became ill (if not current house) (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 696
 Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Stop date of living in house where became ill (if not current house)

Imputation and derivation

DERIVATION

variable: illtoest1 [decade estimate of ill house stop] (table[s]: tb_tbxto2007)
 variable: illtomm1 [month of ill house stop] (table[s]: tb_tbx, tb_tbxto2007)
 variable: illtoyear1 [year of ill house stop] (table[s]: tb_tbx, tb_tbxto2007)
 variable: illtodate1 [date of ill house stop] (table[s]: tb_tbxto2007)

recode illtomm1 0=.
 replace illtoyear1=1895 if illtoest1==1
 replace illtoyear1=1905 if illtoest1==2
 replace illtoyear1=1915 if illtoest1==3
 replace illtoyear1=1925 if illtoest1==4
 replace illtoyear1=1935 if illtoest1==5

```

replace illtoyear1=1945 if illtoest1==6
replace illtoyear1=1955 if illtoest1==7
replace illtoyear1=1965 if illtoest1==8
replace illtoyear1=1975 if illtoest1==9
replace illtoyear1=1985 if illtoest1==10
replace illtoyear1=1995 if illtoest1==11
replace illtoyear1=1895 if illtoest1==12
replace illtoyear1=1907 if illtoest1==13
replace illtoyear1=1924 if illtoest1==14
replace illtoyear1=1940 if illtoest1==15
replace illtoyear1=1951 if illtoest1==16
replace illtoyear1=1960 if illtoest1==17
replace illtoyear1=1970 if illtoest1==18
recode illtoyear1 9999=. 0=.
replace illtodate1=mdy(illtomm1,15,illtoyear1) if illtomm1~=. & illtoyear1~=.
replace illtodate1=mdy(6,15,illtoyear1) if illtomm1==. & illtoyear1~=.

```

ILLTODATE1X: Whether illhsetodate1 is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 660 Invalid: 12251

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether illhsetodate1 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	580	87.9%
3	Month unknown	0	0%
4	Day and month unknown	80	12.1%
8	Not known at all	0	0%
9	Missing	0	0%
Sysmiss		12251	

Imputation and derivation

DERIVATION

variable: illtoest1 [decade estimate of ill house stop] (table[s]: tb_tbxto2007)
variable: illtomm1 [month of ill house stop] (table[s]: tb_tbx, tb_tbxto2007)
variable: illtoyear1 [year of ill house stop] (table[s]: tb_tbx, tb_tbxto2007)
variable: illtodate1x [date of ill house stop is estimate] (table[s]: tb_tbxto2007)

```

replace illtodate1x=2 if illtoyear1~=.
replace illtodate1x=4 if illtomm1==. & illtoyear1~=.
replace illtodate1x=5 if illtoest1~=. & illtoyear1~=.

```

replace illfrdate2=illfromdate2 if illfrdate2==. & illfromdate2~=.
 replace illfrdate2x=illfromdate2x if illfrdate2x==. & illfromdate2x~=.

ILLTOVILL1: If no: Which village living in when you became unwell?

Data file: combined_tb_cases_controls_final

Overview

Valid: 427 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

If no: Which village living in when you became unwell?

ILLVRSN1: Why did you leave? [household where became ill, if not current house]

Data file: combined_tb_cases_controls_final

Overview

Valid: 630 Invalid: 12281
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Why did you leave? [household where became ill, if not current house]

CATEGORIES

Value	Category	Cases	
1	Marriage	9	1.4%
2	Divorce/Separation	24	3.8%
3	Widowhood	9	1.4%
4	Visiting	1	0.2%
5	School/training (start or end)	6	1%
6	Work/employment (start or end)	8	1.3%
7	Illness/sickness (own)	520	82.5%
8	Others	32	5.1%
98	Unknown	0	0%
99	Missing	21	3.3%
Sysmiss		12281	

ILLOTHHH: Lived in another household for two weeks or more since you started coughing?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 3971 Invalid: 8940

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Lived in another household for two weeks or more since you started coughing?

CATEGORIES

Value	Category	Cases	
0	No	3530	88.9%
1	Yes	370	9.3%
7		1	0%
8	Unknown	0	0%
9	Missing	70	1.8%
Sysmiss		8940	

ILLGHHID2: gghid of household2**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 188 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

Questions and instructions

LITERAL QUESTION

gghid of household2

ILLSLEEP2: in this household2 were you sleeping in the same room with anyone?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 188 Invalid: 12723

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

in this household2 were you sleeping in the same room with anyone?

CATEGORIES

Value	Category	Cases	
0	No	64	34%
1	Yes	117	62.2%
8	Unknown	0	0%
9	Missing	7	3.7%
Sysmiss		12723	

ILLFRDATE2: Start date of living in house2 where became ill (if not current house) (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 188

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Start date of living in house2 where became ill (if not current house) (D)

CATEGORIES

Value	Category	Cases	
1943-06-15		1	0.5%
1997-06-15		1	0.5%
2000-06-15		1	0.5%
2001-06-15		1	0.5%
2002-06-15		1	0.5%
2002-12-15		1	0.5%
2003-03-15		2	1.1%
2003-06-20		1	0.5%
2005-05-15		1	0.5%
2005-06-15		3	1.6%
2005-09-15		1	0.5%
2005-10-15		1	0.5%
2006-06-15		1	0.5%
2006-09-10		1	0.5%
2006-09-15		1	0.5%
2006-11-15		2	1.1%
2006-12-15		1	0.5%
2007-01-15		1	0.5%
2007-03-15		1	0.5%

2007-04-15		1	0.5%
2007-04-21		1	0.5%
2007-05-09		1	0.5%
2007-05-15		2	1.1%
2007-06-20		1	0.5%
2007-07-15		1	0.5%
2007-08-04		1	0.5%
2007-08-15		1	0.5%
2007-09-15		5	2.7%
2007-10-29		1	0.5%
2007-10-30		1	0.5%
2007-11-11		1	0.5%
2007-11-15		1	0.5%
2007-12-15		2	1.1%
2007-12-20		1	0.5%
2008-01-04		1	0.5%
2008-01-28		1	0.5%
2008-02-15		1	0.5%
2008-03-15		1	0.5%
2008-04-10		1	0.5%
2008-06-15		2	1.1%
2008-09-15		1	0.5%
2008-11-01		1	0.5%
2008-11-24		1	0.5%
2009-02-15		1	0.5%
2009-03-03		1	0.5%
2009-04-15		1	0.5%
2009-05-15		2	1.1%
2009-07-15		1	0.5%
2009-08-25		1	0.5%
2009-09-15		1	0.5%
2009-12-15		3	1.6%
2010-01-15		3	1.6%
2010-02-03		1	0.5%
2010-03-15		1	0.5%
2010-05-17		1	0.5%
2010-06-09		1	0.5%
2010-06-15		2	1.1%
2010-08-05		1	0.5%

2010-10-15		1	0.5%
2010-11-15		1	0.5%
2011-01-15		1	0.5%
2011-02-15		1	0.5%
2011-03-15		2	1.1%
2011-06-15		4	2.1%
2011-07-15		2	1.1%
2011-08-10		1	0.5%
2011-08-15		2	1.1%
2011-08-20		1	0.5%
2011-09-05		1	0.5%
2011-11-15		2	1.1%
2011-11-17		1	0.5%
2011-12-15		1	0.5%
2011-12-20		1	0.5%
2012-02-15		2	1.1%
2012-03-15		1	0.5%
2012-06-07		1	0.5%
2012-07-11		1	0.5%
2012-08-06		1	0.5%
2012-09-15		1	0.5%
2012-10-15		2	1.1%
2012-11-15		1	0.5%
2012-12-03		1	0.5%
2012-12-15		1	0.5%
2013-01-15		1	0.5%
2013-01-26		1	0.5%
2013-02-15		2	1.1%
2013-03-02		1	0.5%
2013-03-15		1	0.5%
2013-04-15		1	0.5%
2013-05-03		1	0.5%
2013-05-15		1	0.5%
2013-08-15		1	0.5%
2013-09-15		2	1.1%
2013-10-12		1	0.5%
2013-10-15		1	0.5%
2014-03-02		1	0.5%
2014-03-15		3	1.6%

2014-04-15		2	1.1%
2014-05-16		1	0.5%
2014-05-17		1	0.5%
2014-06-15		6	3.2%
2014-06-28		1	0.5%
2014-09-15		3	1.6%
2014-10-15		1	0.5%
2014-11-10		1	0.5%
2014-11-15		1	0.5%
2015-01-15		3	1.6%
2015-02-15		1	0.5%
2015-03-15		1	0.5%
2015-03-31		1	0.5%
2015-04-15		2	1.1%
2015-05-15		4	2.1%
2015-06-04		1	0.5%
2015-06-09		1	0.5%
2015-06-15		1	0.5%
2015-07-15		1	0.5%
2015-10-15		1	0.5%
2015-11-15		1	0.5%
2015-12-11		1	0.5%
2015-12-24		1	0.5%
2016-03-15		1	0.5%
2016-04-15		1	0.5%
2016-06-14		2	1.1%
2016-06-15		2	1.1%
2016-07-13		1	0.5%
2016-07-15		1	0.5%
2016-09-10		1	0.5%
2016-11-15		1	0.5%
2016-12-30		1	0.5%
2017-01-07		1	0.5%
2017-02-15		2	1.1%
2017-02-17		1	0.5%
2017-04-15		2	1.1%
2017-06-04		1	0.5%
2017-07-15		2	1.1%
2017-08-15		1	0.5%

2017-12-15		2	1.1%
2018-05-05		1	0.5%

Imputation and derivation

DERIVATION

variable: illfrdate2 [date of ill house start] (table[s]: tb_tbxto2007)

variable: illfromdate2 [date of ill house start] (table[s]: tb_tbx)

replace illfrdate2=illfromdate2 if illfrdate2==. & illfromdate2~.=.

ILLFRDATE2X: Whether illhsefrdate2 is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 134 Invalid: 12777

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether illhsefrdate2 is an estimate (D)

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	118	88.1%
3	Month unknown	0	0%
4	Day and month unknown	16	11.9%
8	Not known at all	0	0%
9	Missing	0	0%
Sysmiss		12777	

Imputation and derivation

DERIVATION

variable: illfrdate2x [date of ill house start is estimate] (table[s]: tb_tbxto2007)

variable: illfromdate2x [date of ill house start is estimate] (table[s]: tb_tbx)

replace illfrdate2x=illfromdate2x if illfrdate2x==. & illfromdate2x~.=.

ILLTODATE2: When stopped living at household2 since started coughing

Data file: combined_tb_cases_controls_final

Overview

Valid: 187

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

When stopped living at household2 since started coughing

ILLTODATE2X: if illtodate2 is an estimate

Data file: combined_tb_cases_controls_final

Overview

Valid: 97 Invalid: 12814

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

if illtodate2 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	85	87.6%
3	Month unknown	0	0%
4	Day and month unknown	12	12.4%
8	Not known at all	0	0%
9	Missing	0	0%
Sysmiss		12814	

ILLTOVILL2: village2 since started coughing

Data file: combined_tb_cases_controls_final

Overview

Valid: 179 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

village2 since started coughing

ILLGHHID3: gghid of household3**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 6 Invalid: 0

Type: Discrete Width: 5 Range: - Format: character

Questions and instructions

LITERAL QUESTION

gghid of household3

ILLSLEEP3: in this household3 were you sleeping in the same room with anyone?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 8 Invalid: 12903

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

in this household3 were you sleeping in the same room with anyone?

CATEGORIES

Value	Category	Cases	
0	No	1	12.5%
1	Yes	6	75%
8	Unknown	0	0%
9	Missing	1	12.5%
Sysmiss		12903	

ILLFROMDATE3: When started living at household3 since started coughing**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 5

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

When started living at household3 since started coughing

ILLFROMDATE3X: if illfromdate3 is an estimate

Data file: combined_tb_cases_controls_final

Overview

Valid: 3 Invalid: 12908

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

if illfromdate3 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	3	100%
3	Month unknown	0	0%
4	Day and month unknown	0	0%
8	Not known at all	0	0%
9	Missing	0	0%
Sysmiss		12908	

ILLTODATE3: When stopped living at household3 since started coughing

Data file: combined_tb_cases_controls_final

Overview

Valid: 4

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

When stopped living at household3 since started coughing

ILLTODATE3X: if illtodate3 is an estimate

Data file: combined_tb_cases_controls_final

Overview

Valid: 3 Invalid: 12908

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

if illtodate3 is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	3	100%
3	Month unknown	0	0%
4	Day and month unknown	0	0%
8	Not known at all	0	0%
9	Missing	0	0%
Sysmiss		12908	

ILLTOVILL3: village3 since started coughing

Data file: combined_tb_cases_controls_final

Overview

Valid: 4 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

village3 since started coughing

CLINCON: Been to an ART clinic as a guardian to someone or as a patient?

Data file: combined_tb_cases_controls_final

Overview

Valid: 952 Invalid: 11959

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Been to an ART clinic as a guardian to someone or as a patient?

CATEGORIES

Value	Category	Cases	
0	No	464	48.7%
1	Yes	483	50.7%

8	Unknown	0	0%
9	Missing	5	0.5%
Sysmiss		11959	

CLIN1: If yes Clinic1 [ART]**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 482 Invalid: 0

Type: Discrete Width: 6 Range: - Format: character

Questions and instructions

LITERAL QUESTION

If yes Clinic1 [ART]

FIRYR1: First year1 [attending ART clinic1]**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 483 Invalid: 12428

Type: Discrete Decimal: 0 Width: 4 Range: 2004 - 9999 Format: Numeric

Questions and instructions

LITERAL QUESTION

First year1 [attending ART clinic1]

CATEGORIES

Value	Category
9998	Unknown
9999	Missing

LASYR1: Last year1 [attending ART clinic1]**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 483 Invalid: 12428

Type: Discrete Decimal: 0 Width: 4 Range: 2005 - 9999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Last year1 [attending ART clinic1]

CATEGORIES

Value	Category
9998	Unknown
9999	Missing

CLIN2: If yes Clinic2 [ART]

Data file: combined_tb_cases_controls_final

Overview

Valid: 81 Invalid: 0

Type: Discrete Width: 6 Range: - Format: character

Questions and instructions

LITERAL QUESTION

If yes Clinic2 [ART]

FIRYR2: First year2 [attending ART clinic2]

Data file: combined_tb_cases_controls_final

Overview

Valid: 85 Invalid: 12826

Type: Discrete Decimal: 0 Width: 4 Range: 2004 - 9999 Format: Numeric

Questions and instructions

LITERAL QUESTION

First year2 [attending ART clinic2]

CATEGORIES

Value	Category
9998	Unknown
9999	Missing

LASYR2: Last year2 [attending ART clinic2]

Data file: combined_tb_cases_controls_final

Overview

Valid: 81 Invalid: 12830

Type: Discrete Decimal: 0 Width: 4 Range: 2013 - 9999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Last year2 [attending ART clinic2]

CATEGORIES

Value	Category
9998	Unknown
9999	Missing

FAMTRTTB: Has anyone in your household or close family EVER been treated for TB?

Data file: combined_tb_cases_controls_final

Overview

Valid: 9871 Invalid: 3040

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Has anyone in your household or close family EVER been treated for TB?

CATEGORIES

Value	Category	Cases	
0	No	7030	71.2%
1	Yes	2584	26.2%
8	Unknown	0	0%
9	Missing	257	2.6%
Sysmiss		3040	

KNOWTRTTB: Do you know anyone else who has been treated for TB, WITHIN THE LAST 5 YEARS?

Data file: combined_tb_cases_controls_final

Overview

Valid: 9871 Invalid: 3040

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Do you know anyone else who has been treated for TB, WITHIN THE LAST 5 YEARS?

CATEGORIES

Value	Category	Cases	
0	No	8230	83.4%
1	Yes	1281	13%
8	Unknown	0	0%
9	Missing	360	3.6%
Sysmiss		3040	

IDCONTAC1: ident of contact [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1673 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

ident of contact [wide]

Imputation and derivation

DERIVATION

variable: idcontac (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

rename idcase ident

reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough

nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

IDCONTAC2: ident of contact [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 295 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

ident of contact [wide]

Imputation and derivation

DERIVATION

variable: idcontac (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
rename idcase ident
```

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

IDCONTAC3: ident of contact [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 49 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

ident of contact [wide]

Imputation and derivation

DERIVATION

variable: idcontac (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
rename idcase ident
```

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

IDCONTAC4: ident of contact [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 5 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

ident of contact [wide]

Imputation and derivation

DERIVATION

variable: idcontac (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

rename idcase ident

reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

IDCONTAC5: ident of contact [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

ident of contact [wide]

Imputation and derivation

DERIVATION

variable: idcontac (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

rename idcase ident

reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CFAMCONT1: Family contact? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 1673 Invalid: 11238

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you had Family contact? [wide]

CATEGORIES

Value	Category
0	No
1	Yes
8	Unknown
9	Missing

Imputation and derivation

DERIVATION

variable: famcont (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough

nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CFAMCONT2: Family contact? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 295 Invalid: 12616

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you had Family contact? [wide]

CATEGORIES

Value	Category
0	No

1	Yes
8	Unknown
9	Missing

Imputation and derivation

DERIVATION

variable: famcont (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contactdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CFAMCONT3: Family contact? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 49 Invalid: 12862

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you had Family contact? [wide]

CATEGORIES

Value	Category
0	No
1	Yes
8	Unknown
9	Missing

Imputation and derivation

DERIVATION

variable: famcont (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contactdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CFAMCONT4: Family contact? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 5 Invalid: 12906

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you had Family contact? [wide]

CATEGORIES

Value	Category
0	No
1	Yes
8	Unknown
9	Missing

Imputation and derivation

DERIVATION

variable: famcont (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CFAMCONT5: Family contact? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you had Family contact? [wide]

CATEGORIES

Value	Category
0	No
1	Yes
8	Unknown
9	Missing

Imputation and derivation

DERIVATION

variable: famcont (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTVIL1: Village when ill [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1673 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Village when ill [wide]

Imputation and derivation

DERIVATION

variable: contvil [village of contact] (table[s]: tb_contact, tb_contactto2007)

variable: curvil [village of contact] (table[s]: tbold_contact)

<the exposure contacts are processed separately first:>

```
replace contvil=curvil if contvil=="" & curvil~=""
```

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTVIL2: Village when ill [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 295 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Village when ill [wide]

Imputation and derivation

DERIVATION

variable: contvil [village of contact] (table[s]: tb_contact, tb_contactto2007)

variable: curvil [village of contact] (table[s]: tbold_contact)

<the exposure contacts are processed separately first:>

replace contvil=curvil if contvil=="" & curvil~=""

reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough

nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CCONTVIL3: Village when ill [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 49 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Village when ill [wide]

Imputation and derivation

DERIVATION

variable: contvil [village of contact] (table[s]: tb_contact, tb_contactto2007)

variable: curvil [village of contact] (table[s]: tbold_contact)

<the exposure contacts are processed separately first:>

replace contvil=curvil if contvil=="" & curvil~=""

reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough

nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)

```

rename * c*
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
save ${tempfiles}\tbcontacts_wide, replace
<and then merged into the main file:>
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen

```

CCONTVIL4: Village when ill [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 5 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Village when ill [wide]

Imputation and derivation

DERIVATION

variable: contvil [village of contact] (table[s]: tb_contact, tb_contactto2007)
 variable: curvil [village of contact] (table[s]: tbold_contact)

```

<the exposure contacts are processed separately first:>
replace contvil=curvil if contvil=="" & curvil~=""
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
rename * c*
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
save ${tempfiles}\tbcontacts_wide, replace
<and then merged into the main file:>
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen

```

CCONTVIL5: Village when ill [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Village when ill [wide]

Imputation and derivation

DERIVATION

variable: contvil [village of contact] (table[s]: tb_contact, tb_contactto2007)

variable: curvil [village of contact] (table[s]: tbold_contact)

<the exposure contacts are processed separately first:>

```
replace contvil=curvil if contvil=="" & curvil~=""
```

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough  
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTPLACE1: Where did contact occur? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 710 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Where did contact occur? [wide]

Imputation and derivation

DERIVATION

variable: contplace (table[s]: tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough  
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTPLACE2: Where did contact occur? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 149 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Where did contact occur? [wide]

Imputation and derivation

DERIVATION

variable: contplace (table[s]: tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTPLACE3: Where did contact occur? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 28 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Where did contact occur? [wide]

Imputation and derivation

DERIVATION

variable: contplace (table[s]: tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTPLACE4: Where did contact occur? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 3 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Where did contact occur? [wide]

Imputation and derivation

DERIVATION

variable: contplace (table[s]: tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTPLACE5: Where did contact occur? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Where did contact occur? [wide]

Imputation and derivation

DERIVATION

variable: contplace (table[s]: tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CTRTRDATE1: Date treatment started [date] [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1541

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date treatment started [date] [wide]

Imputation and derivation

DERIVATION

variable: trtest [decade estimate of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

variable: trtmm [month of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

variable: trtyear [year of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

variable: trtdate [date of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

replace trtyear=1905 if trtest==2

replace trtyear=1915 if trtest==3

replace trtyear=1925 if trtest==4

replace trtyear=1935 if trtest==5

replace trtyear=1945 if trtest==6

replace trtyear=1955 if trtest==7

replace trtyear=1965 if trtest==8

replace trtyear=1975 if trtest==9

replace trtyear=1985 if trtest==10

replace trtyear=1995 if trtest==11

recode trtyear 9999=.

gen trtdate=mdy(trtmm,15,trtyear) if trtmm~= . & trtyear~=.

replace trtdate=mdy(6,15,trtyear) if trtmm==. & trtyear~= .reshape wide idcontac famcont contvil contplace trtdate

trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaclong contacdays,

i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CTRTDATEX1: Whether trtdate is an estimate [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1541

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Whether treatment date is an estimate [wide]

Imputation and derivation

DERIVATION

variable: trtdate (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
gen trtdate=2 if trtyear==.
```

```
replace trtdate=4 if trtmm==. & trtyear==.
```

```
replace trtdate=5 if trtest==. & trtyear==.
```

```
la val trtdate* date
```

```
reshape wide idcontact famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contactcon cough
```

```
nurseill houseill sleepill contactind contactlong contactdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontact* cfrm_intdate cnumtbcon) (ident idcontact* intdate numtbcon)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CTRDATE2: Date treatment started [date] [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 278

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date treatment started [date] [wide]

Imputation and derivation

DERIVATION

variable: trtest [decade estimate of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

variable: trtmm [month of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

variable: trtyear [year of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

variable: trtdate [date of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
replace trtyear=1905 if trtest==2
```

```
replace trtyear=1915 if trtest==3
```

```
replace trtyear=1925 if trtest==4
```

```
replace trtyear=1935 if trtest==5
```

```
replace trtyear=1945 if trtest==6
```

```
replace trtyear=1955 if trtest==7
```

```
replace trtyear=1965 if trtest==8
```

```
replace trtyear=1975 if trtest==9
```

```
replace trtyear=1985 if trtest==10
```

```
replace trtyear=1995 if trtest==11
```

```
recode trtyear 9999=.
```

```
gen trtdate=mdy(trtmm,15,trtyear) if trtmm==. & trtyear==.
```

```
replace trtdate=mdy(6,15,trtyear) if trtmm==. & trtyear==.
reshape wide idcontact famcont contvil contplace trtdate
trtdatex trtplace certtbcon wardvisit relship contactcon cough nurseill houseill sleepill contactind contactlong contactdays,
```

```
i(ident frm_intdate) j(n)
rename * c*
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
save ${tempfiles}\tbcontacts_wide, replace
<and then merged into the main file:>
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CTRDATEX2: Whether trtdate is an estimate [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 278

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Whether treatment date is an estimate [wide]

Imputation and derivation

DERIVATION

variable: trtdate (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
gen trtdate=2 if trtyear~=.
```

```
replace trtdate=4 if trtmm==. & trtyear~=.
```

```
replace trtdate=5 if trtest~=. & trtyear~=.
```

```
la val trtdate* datex
```

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CTRDATE3: Date treatment started [date] [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 49

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date treatment started [date] [wide]

Imputation and derivation

DERIVATION

variable: trtest [decade estimate of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)
 variable: trtmm [month of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)
 variable: trtyear [year of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)
 variable: trtdate [date of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
replace trtyear=1905 if trtest==2
replace trtyear=1915 if trtest==3
replace trtyear=1925 if trtest==4
replace trtyear=1935 if trtest==5
replace trtyear=1945 if trtest==6
replace trtyear=1955 if trtest==7
replace trtyear=1965 if trtest==8
replace trtyear=1975 if trtest==9
replace trtyear=1985 if trtest==10
replace trtyear=1995 if trtest==11
recode trtyear 9999=.
gen trtdate=mdy(trtmm,15,trtyear) if trtmm~= . & trtyear~= .
replace trtdate=mdy(6,15,trtyear) if trtmm==. & trtyear~= . reshape wide idcontac famcont contvil contplace trtdate
trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contacdays,
i(ident frm_intdate) j(n)
rename * c*
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
save ${tempfiles}\tbcontacts_wide, replace
<and then merged into the main file:>
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CTRTDATEX3: Whether trtdate is an estimate [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 49

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Whether treatment date is an estimate [wide]

Imputation and derivation

DERIVATION

variable: trtdatex (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
gen trtdatex=2 if trtyear~= .
replace trtdatex=4 if trtmm==. & trtyear~= .
replace trtdatex=5 if trtest==. & trtyear~= .
la val trtdatex* datex
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough
```

```
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
rename * c*
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
save ${tempfiles}\tbcontacts_wide, replace
<and then merged into the main file:>
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CTRTRDATE4: Date treatment started [date] [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 5

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date treatment started [date] [wide]

Imputation and derivation

DERIVATION

```
variable: trtest [decade estimate of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)
variable: trtmm [month of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)
variable: trtyear [year of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)
variable: trtdate [date of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)
```

<the exposure contacts are processed separately first:>

```
replace trtyear=1905 if trtest==2
replace trtyear=1915 if trtest==3
replace trtyear=1925 if trtest==4
replace trtyear=1935 if trtest==5
replace trtyear=1945 if trtest==6
replace trtyear=1955 if trtest==7
replace trtyear=1965 if trtest==8
replace trtyear=1975 if trtest==9
replace trtyear=1985 if trtest==10
replace trtyear=1995 if trtest==11
recode trtyear 9999=.
gen trtdate=mdy(trtmm,15,trtyear) if trtmm~= . & trtyear~= .
replace trtdate=mdy(6,15,trtyear) if trtmm==. & trtyear~= . reshape wide idcontac famcont contvil contplace trtdate
trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaclong contacdays,
i(ident frm_intdate) j(n)
rename * c*
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
save ${tempfiles}\tbcontacts_wide, replace
<and then merged into the main file:>
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CTRTRDATEX4: Whether trtdate is an estimate [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 5

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Whether treatment date is an estimate [wide]

Imputation and derivation

DERIVATION

variable: trtdate (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

gen trtdate=2 if trtyear~=.

replace trtdate=4 if trtmm==. & trtyear~=.

replace trtdate=5 if trtest==. & trtyear~=.

la val trtdate* date

reshape wide idcontact famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contactcon cough nurseill houseill sleepill contactind contactlong contactdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontact* cfrm_intdate cnumtbcont) (ident idcontact* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CTRDATE5: Date treatment started [date] [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date treatment started [date] [wide]

Imputation and derivation

DERIVATION

variable: trtest [decade estimate of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

variable: trtmm [month of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

variable: trtyear [year of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

variable: trtdate [date of contact treatment start date] (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

replace trtyear=1905 if trtest==2

replace trtyear=1915 if trtest==3

replace trtyear=1925 if trtest==4

```

replace trtyear=1935 if trtest==5
replace trtyear=1945 if trtest==6
replace trtyear=1955 if trtest==7
replace trtyear=1965 if trtest==8
replace trtyear=1975 if trtest==9
replace trtyear=1985 if trtest==10
replace trtyear=1995 if trtest==11
recode trtyear 9999=.
gen trtdate=mdy(trtmm,15,trtyear) if trtmm~= . & trtyear~= .
replace trtdate=mdy(6,15,trtyear) if trtmm==. & trtyear~= .
reshape wide idcontac famcont contvil contplace trtdate
trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaclong contacdays,
i(ident frm_intdate) j(n)
rename * c*
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
save ${tempfiles}\tbcontacts_wide, replace
<and then merged into the main file:>
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen

```

CTRDATEX5: Whether trtdate is an estimate [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Whether treatment date is an estimate [wide]

Imputation and derivation

DERIVATION

variable: trtdatex (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```

gen trtdatex=2 if trtyear~= .
replace trtdatex=4 if trtmm==. & trtyear~= .
replace trtdatex=5 if trtest~= . & trtyear~= .
la val trtdatex* datex
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
rename * c*
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
save ${tempfiles}\tbcontacts_wide, replace
<and then merged into the main file:>
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen

```

CTRTPPLACE1: Place of treatment [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1641 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Place of treatment [wide]

Imputation and derivation

DERIVATION

variable: trtplace (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate_x trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CTRTPPLACE2: Place of treatment [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 287 Invalid: 0
 Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Place of treatment [wide]

Imputation and derivation

DERIVATION

variable: trtplace (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate_x trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CTRTPPLACE3: Place of treatment [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 49 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Place of treatment [wide]

Imputation and derivation

DERIVATION

variable: trtplace (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CTRTPPLACE4: Place of treatment [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 5 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Place of treatment [wide]

Imputation and derivation

DERIVATION

variable: trtplace (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CTRTPPLACE5: Place of treatment [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 0

Type: Discrete Width: 4 Range: - Format: character

Imputation and derivation

DERIVATION

variable: trtplace (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCERTTBCON1: Are you sure it was TB? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 81 Invalid: 12830

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Are you sure it was TB? [wide]

CATEGORIES

Value	Category	Cases	
0	Unsure/unlikely	0	0%
1	Certain	43	53.1%
2	Probable	1	1.2%
8	Unknown	0	0%
9	Missing	37	45.7%
Sysmiss		12830	

Imputation and derivation

DERIVATION

variable: certtbcon (table[s]: tb_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCERTTBCON2: Are you sure it was TB? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 18 Invalid: 12893

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Are you sure it was TB? [wide]

CATEGORIES

Value	Category	Cases	
0	Unsure/unlikely	0	0%
1	Certain	12	66.7%
2	Probable	0	0%
8	Unknown	0	0%
9	Missing	6	33.3%
Sysmiss		12893	

Imputation and derivation

DERIVATION

variable: certtbcon (table[s]: tb_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCERTTBCON3: Are you sure it was TB? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Are you sure it was TB? [wide]

CATEGORIES

Value	Category	Cases	
0	Unsure/unlikely	0	0%
1	Certain	1	50%
2	Probable	0	0%
8	Unknown	0	0%
9	Missing	1	50%
Sysmiss		12909	

Imputation and derivation

DERIVATION

variable: certtbcon (table[s]: tb_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCERTTBCON4: Are you sure it was TB? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 0 Invalid: 12911

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Are you sure it was TB? [wide]

CATEGORIES

Value	Category
0	Unsure/unlikely
1	Certain
2	Probable
8	Unknown
9	Missing
Sysmiss	

Imputation and derivation

DERIVATION

variable: certtbcon (table[s]: tb_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCERTTBCON5: Are you sure it was TB? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 0 Invalid: 12911

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Are you sure it was TB? [wide]

CATEGORIES

Value	Category
0	Unsure/unlikely
1	Certain
2	Probable
8	Unknown
9	Missing
Sysmiss	

Imputation and derivation

DERIVATION

variable: certtbcon (table[s]: tb_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CWARDVISIT1: Did you visit them on the TB ward? Did you act as guardian? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 963 Invalid: 11948

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you visit them on the TB ward? Did you act as guardian?

CATEGORIES

Value	Category	Cases	
1	Guardian	204	21.2%
2	Neither	352	36.6%
3	Visit	380	39.5%
8	Unknown	0	0%
9	Missing	27	2.8%
Sysmiss		11948	

Imputation and derivation

DERIVATION

variable: wardvisit (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CWARDVISIT2: Did you visit them on the TB ward? Did you act as guardian? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 146 Invalid: 12765

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you visit them on the TB ward? Did you act as guardian?

CATEGORIES

Value	Category	Cases	
1	Guardian	30	20.5%
2	Neither	47	32.2%
3	Visit	61	41.8%
8	Unknown	0	0%
9	Missing	8	5.5%
Sysmiss		12765	

Imputation and derivation

DERIVATION

variable: wardvisit (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CWARDVISIT3: Did you visit them on the TB ward? Did you act as guardian? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 21 Invalid: 12890

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you visit them on the TB ward? Did you act as guardian?

CATEGORIES

Value	Category	Cases	
1	Guardian	0	0%
2	Neither	8	38.1%
3	Visit	13	61.9%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12890	

Imputation and derivation

DERIVATION

variable: wardvisit (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CWARDVISIT4: Did you visit them on the TB ward? Did you act as guardian? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you visit them on the TB ward? Did you act as guardian?

CATEGORIES

Value	Category	Cases	
1	Guardian	0	0%
2	Neither	2	100%
3	Visit	0	0%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12909	

Imputation and derivation

DERIVATION

variable: wardvisit (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CWARDVISIT5: Did you visit them on the TB ward? Did you act as guardian? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1 Invalid: 12910

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you visit them on the TB ward? Did you act as guardian?

CATEGORIES

Value	Category	Cases	
1	Guardian	0	0%
2	Neither	0	0%
3	Visit	1	100%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12910	

Imputation and derivation

DERIVATION

variable: wardvisit (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CRELSHIP1: What relationship is this person to you [wide] (D)**Data file: combined_tb_cases_controls_final****Overview**

Valid: 1673 Invalid: 11238

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

What relationship is this person to you?

CATEGORIES

Value	Category	Cases	
0	No informant	0	0%
1	Relative	141	8.4%
2	Neighbour	91	5.4%
3	Visitor to h/hold	2	0.1%
4	Friend	20	1.2%
5	Colleague at work	17	1%
6	Someone visited	2	0.1%
7	Other	13	0.8%
8	Self	0	0%
9	Parent/step-parent	346	20.7%
10	Spouse	168	10%
11	Sibling	458	27.4%
12	Child	98	5.9%
13	Uncle/aunt	99	5.9%
14	G/mother/father/step	47	2.8%
15	Mother/father-inlaw	6	0.4%
16	Sister/brother-inlaw	30	1.8%
17	Cousin	35	2.1%
18	Nephew/niece	16	1%
19	Wifemate	2	0.1%
20	Grandson/daughter	2	0.1%
21	Uncle/aunt in-law	1	0.1%
22	Son/daughter in-law	2	0.1%
23	Distant cousin/relation	1	0.1%
98	Unknown	0	0%
99	Missing	76	4.5%

Sysmiss		11238	
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Imputation and derivation

DERIVATION

variable: relship (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CRELSHIP2: What relationship is this person to you [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 295 Invalid: 12616

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

What relationship is this person to you?

CATEGORIES

Value	Category	Cases	
0	No informant	0	0%
1	Relative	32	10.8%
2	Neighbour	12	4.1%
3	Visitor to h/hold	1	0.3%
4	Friend	5	1.7%
5	Colleague at work	4	1.4%
6	Someone visited	0	0%
7	Other	4	1.4%
8	Self	0	0%
9	Parent/step-parent	62	21%
10	Spouse	18	6.1%
11	Sibling	82	27.8%
12	Child	20	6.8%
13	Uncle/aunt	23	7.8%
14	G/mother/father/step	6	2%

15	Mother/father-inlaw	0	0%
16	Sister/brother-inlaw	7	2.4%
17	Cousin	6	2%
18	Nephew/niece	4	1.4%
19	Wifemate	1	0.3%
20	Grandson/daughter	0	0%
21	Uncle/aunt in-law	0	0%
22	Son/daughter in-law	2	0.7%
23	Distant cousin/relation	0	0%
98	Unknown	0	0%
99	Missing	6	2%
Sysmiss		12616	

Imputation and derivation

DERIVATION

variable: relship (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CRELSHIP3: What relationship is this person to you [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 49 Invalid: 12862

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

What relationship is this person to you?

CATEGORIES

Value	Category	Cases	
0	No informant	0	0%
1	Relative	2	4.1%
2	Neighbour	3	6.1%
3	Visitor to h/hold	0	0%

4	Friend	1	2%
5	Colleague at work	0	0%
6	Someone visited	0	0%
7	Other	0	0%
8	Self	0	0%
9	Parent/step-parent	12	24.5%
10	Spouse	2	4.1%
11	Sibling	18	36.7%
12	Child	2	4.1%
13	Uncle/aunt	3	6.1%
14	G/mother/father/step	3	6.1%
15	Mother/father-inlaw	0	0%
16	Sister/brother-inlaw	0	0%
17	Cousin	1	2%
18	Nephew/niece	1	2%
19	Wifemate	0	0%
20	Grandson/daughter	0	0%
21	Uncle/aunt in-law	0	0%
22	Son/daughter in-law	0	0%
23	Distant cousin/relation	0	0%
98	Unknown	0	0%
99	Missing	1	2%
Sysmiss		12862	

Imputation and derivation

DERIVATION

variable: relship (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CRELSHIP4: What relationship is this person to you [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 5 Invalid: 12906

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

What relationship is this person to you?

CATEGORIES

Value	Category	Cases	
0	No informant	0	0%
1	Relative	0	0%
2	Neighbour	0	0%
3	Visitor to h/hold	0	0%
4	Friend	0	0%
5	Colleague at work	0	0%
6	Someone visited	0	0%
7	Other	0	0%
8	Self	0	0%
9	Parent/step-parent	0	0%
10	Spouse	0	0%
11	Sibling	3	60%
12	Child	1	20%
13	Uncle/aunt	1	20%
14	G/mother/father/step	0	0%
15	Mother/father-inlaw	0	0%
16	Sister/brother-inlaw	0	0%
17	Cousin	0	0%
18	Nephew/niece	0	0%
19	Wifemate	0	0%
20	Grandson/daughter	0	0%
21	Uncle/aunt in-law	0	0%
22	Son/daughter in-law	0	0%
23	Distant cousin/relation	0	0%
98	Unknown	0	0%
99	Missing	0	0%
Sysmiss		12906	

Imputation and derivation

DERIVATION

variable: relship (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CRELSHIP5: What relationship is this person to you [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 2 Range: 0 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

What relationship is this person to you?

CATEGORIES

Value	Category	Cases	
0	No informant	0	0%
1	Relative	0	0%
2	Neighbour	0	0%
3	Visitor to h/hold	0	0%
4	Friend	0	0%
5	Colleague at work	0	0%
6	Someone visited	0	0%
7	Other	0	0%
8	Self	0	0%
9	Parent/step-parent	0	0%
10	Spouse	0	0%
11	Sibling	1	50%
12	Child	0	0%
13	Uncle/aunt	0	0%
14	G/mother/father/step	1	50%
15	Mother/father-inlaw	0	0%
16	Sister/brother-inlaw	0	0%
17	Cousin	0	0%
18	Nephew/niece	0	0%
19	Wifemate	0	0%
20	Grandson/daughter	0	0%

21	Uncle/aunt in-law	0	0%
22	Son/daughter in-law	0	0%
23	Distant cousin/relation	0	0%
98	Unknown	0	0%
99	Missing	0	0%
Sysmiss		12909	

Imputation and derivation

DERIVATION

variable: relship (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACCON1: Did you have contact with them while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 963 Invalid: 11948

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you have contact with them while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	191	19.8%
1	Yes	753	78.2%
8	Unknown	0	0%
9	Missing	19	2%
Sysmiss		11948	

Imputation and derivation

DERIVATION

variable: contaccon (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACCON2: Did you have contact with them while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 146 Invalid: 12765

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you have contact with them while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	33	22.6%
1	Yes	112	76.7%
8	Unknown	0	0%
9	Missing	1	0.7%
Sysmiss		12765	

Imputation and derivation

DERIVATION

variable: contaccon (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACCON3: Did you have contact with them while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 21 Invalid: 12890

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you have contact with them while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	5	23.8%
1	Yes	16	76.2%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12890	

Imputation and derivation

DERIVATION

variable: contaccon (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contactdays, i(ident frm_intdate) j(n)
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACCON4: Did you have contact with them while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you have contact with them while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	1	50%
1	Yes	1	50%
8	Unknown	0	0%
9	Missing	0	0%

Sysmiss		12909	
---------	--	-------	--

Imputation and derivation

DERIVATION

variable: contaccon (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACCON5: Did you have contact with them while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1 Invalid: 12910

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you have contact with them while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	1	100%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12910	

Imputation and derivation

DERIVATION

variable: contaccon (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCOUGH1: When you saw them, when they had TB Did this person have a cough? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 1463 Invalid: 11448

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

When you saw them, when they had TB Did this person have a cough?

CATEGORIES

Value	Category	Cases	
0	No	87	5.9%
1	Yes	1332	91%
8	Unknown	41	2.8%
9	Missing	3	0.2%
Sysmiss		11448	

Imputation and derivation

DERIVATION

variable: cough (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contactdays, i(ident frm_intdate) j(n)
```

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CCOUGH2: When you saw them, when they had TB Did this person have a cough? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 261 Invalid: 12650

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

When you saw them, when they had TB Did this person have a cough?

CATEGORIES

Value	Category	Cases	
0	No	14	5.4%
1	Yes	236	90.4%
8	Unknown	11	4.2%
9	Missing	0	0%
Sysmiss		12650	

Imputation and derivation

DERIVATION

variable: cough (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCOUGH3: When you saw them, when they had TB Did this person have a cough? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 44 Invalid: 12867

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

When you saw them, when they had TB Did this person have a cough?

CATEGORIES

Value	Category	Cases	
0	No	6	13.6%
1	Yes	36	81.8%
8	Unknown	2	4.5%
9	Missing	0	0%
Sysmiss		12867	

Imputation and derivation

DERIVATION

variable: cough (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCOUGH4: When you saw them, when they had TB Did this person have a cough? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 4 Invalid: 12907

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

When you saw them, when they had TB Did this person have a cough?

CATEGORIES

Value	Category	Cases	
0	No	1	25%
1	Yes	2	50%
8	Unknown	1	25%
9	Missing	0	0%
Sysmiss		12907	

Imputation and derivation

DERIVATION

variable: cough (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCOUGH5: When you saw them, when they had TB Did this person have a cough? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

When you saw them, when they had TB Did this person have a cough?

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	2	100%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12909	

Imputation and derivation

DERIVATION

variable: cough (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
```

```
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CNURSEILL1: Did you nurse this person while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1463 Invalid: 11448

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you nurse this person while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	1015	69.4%
1	Yes	445	30.4%
8	Unknown	0	0%
9	Missing	3	0.2%

Sysmiss		11448	
---------	--	-------	--

Imputation and derivation

DERIVATION

variable: nurseill (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CNURSEILL2: Did you nurse this person while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 261 Invalid: 12650

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you nurse this person while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	189	72.4%
1	Yes	72	27.6%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12650	

Imputation and derivation

DERIVATION

variable: nurseill (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CNURSEILL3: Did you nurse this person while they were ill? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 44 Invalid: 12867

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you nurse this person while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	37	84.1%
1	Yes	7	15.9%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12867	

Imputation and derivation

DERIVATION

variable: nurseill (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

rename * c*

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CNURSEILL4: Did you nurse this person while they were ill? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 4 Invalid: 12907

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you nurse this person while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	4	100%
1	Yes	0	0%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12907	

Imputation and derivation

DERIVATION

variable: nurseill (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

■ CNURSEILL5: Did you nurse this person while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you nurse this person while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	2	100%
1	Yes	0	0%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12909	

Imputation and derivation

DERIVATION

variable: nurseill (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CHOUSEILL1: Did you live in the same household as them while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1463 Invalid: 11448

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you live in the same household as them while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	723	49.4%
1	Yes	735	50.2%
8	Unknown	0	0%
9	Missing	5	0.3%
Sysmiss		11448	

Imputation and derivation

DERIVATION

variable: houseill (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CHOUSEILL2: Did you live in the same household as them while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 261 Invalid: 12650

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you live in the same household as them while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	144	55.2%
1	Yes	117	44.8%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12650	

Imputation and derivation

DERIVATION

variable: houseill (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough

nurseill houseill sleepill contacind contaalong contactdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CHOUSEILL3: Did you live in the same household as them while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 44 Invalid: 12867

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you live in the same household as them while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	24	54.5%
1	Yes	20	45.5%
8	Unknown	0	0%
9	Missing	0	0%

Sysmiss		12867	
---------	--	-------	--

Imputation and derivation

DERIVATION

variable: houseill (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

HOUSEILL4: Did you live in the same household as them while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 4 Invalid: 12907

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you live in the same household as them while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	2	50%
1	Yes	2	50%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12907	

Imputation and derivation

DERIVATION

variable: houseill (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CHOUSEILL5: Did you live in the same household as them while they were ill? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you live in the same household as them while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	2	100%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12909	

Imputation and derivation

DERIVATION

variable: houseill (table[s]: tb_contact, tb_contactto2007)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

rename * c*

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CSLEEPILL1: Did you sleep in same room as this person while they were ill? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 737 Invalid: 12174

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you sleep in same room as this person while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	344	46.7%
1	Yes	379	51.4%
8	Unknown	0	0%
9	Missing	14	1.9%
Sysmiss		12174	

Imputation and derivation

DERIVATION

variable: sleepill (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CSLEEPILL2: Did you sleep in same room as this person while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 117 Invalid: 12794

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you sleep in same room as this person while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	73	62.4%
1	Yes	43	36.8%
8	Unknown	0	0%
9	Missing	1	0.9%
Sysmiss		12794	

Imputation and derivation

DERIVATION

variable: sleepill (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CSLEEPILL3: Did you sleep in same room as this person while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 20 Invalid: 12891

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you sleep in same room as this person while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	14	70%
1	Yes	6	30%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12891	

Imputation and derivation

DERIVATION

variable: sleepill (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CSLEEPILL4: Did you sleep in same room as this person while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you sleep in same room as this person while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	2	100%
1	Yes	0	0%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12909	

Imputation and derivation

DERIVATION

variable: sleepill (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough

nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CSLEEPILL5: Did you sleep in same room as this person while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Did you sleep in same room as this person while they were ill?

CATEGORIES

Value	Category	Cases	
0	No	2	100%
1	Yes	0	0%
8	Unknown	0	0%
9	Missing	0	0%

Sysmiss		12909	
---------	--	-------	--

Imputation and derivation

DERIVATION

variable: sleepill (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contactdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACIND1: Was your contact with this person indoors? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1428 Invalid: 11483

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was your contact with this person indoors?

CATEGORIES

Value	Category	Cases	
0	Never indoors	419	29.3%
1	Sometimes indoors	901	63.1%
8	Unknown	0	0%
9	Missing	108	7.6%
Sysmiss		11483	

Imputation and derivation

DERIVATION

variable: contacind (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contactdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACIND2: Was your contact with this person indoors? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 254 Invalid: 12657

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was your contact with this person indoors?

CATEGORIES

Value	Category	Cases	
0	Never indoors	92	36.2%
1	Sometimes indoors	148	58.3%
8	Unknown	0	0%
9	Missing	14	5.5%
Sysmiss		12657	

Imputation and derivation

DERIVATION

variable: contacind (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)
```

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CCONTACIND3: Was your contact with this person indoors? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 44 Invalid: 12867

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was your contact with this person indoors?

CATEGORIES

Value	Category	Cases	
0	Never indoors	14	31.8%
1	Sometimes indoors	29	65.9%
8	Unknown	0	0%
9	Missing	1	2.3%
Sysmiss		12867	

Imputation and derivation

DERIVATION

variable: contacind (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CCONTACIND4: Was your contact with this person indoors? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 4 Invalid: 12907

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was your contact with this person indoors?

CATEGORIES

Value	Category	Cases	
0	Never indoors	1	25%
1	Sometimes indoors	2	50%
8	Unknown	0	0%
9	Missing	1	25%
Sysmiss		12907	

Imputation and derivation

DERIVATION

variable: contacind (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contactdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACIND5: Was your contact with this person indoors? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was your contact with this person indoors?

CATEGORIES

Value	Category	Cases	
0	Never indoors	0	0%
1	Sometimes indoors	2	100%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12909	

Imputation and derivation

DERIVATION

variable: contacind (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contactdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACLONG1: Was your contact with this person prolonged? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1428 Invalid: 11483

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was your contact with this person indoors?

CATEGORIES

Value	Category	Cases	
0	Never prolonged	520	36.4%
1	Prolonged (hours)	784	54.9%
8	Unknown	0	0%
9	Missing	124	8.7%
Sysmiss		11483	

Imputation and derivation

DERIVATION

variable: contaclong (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACLONG2: Was your contact with this person prolonged? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 254 Invalid: 12657

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was your contact with this person indoors?

CATEGORIES

Value	Category	Cases	
0	Never prolonged	99	39%
1	Prolonged (hours)	137	53.9%
8	Unknown	0	0%
9	Missing	18	7.1%

Sysmiss		12657	
---------	--	-------	--

Imputation and derivation

DERIVATION

variable: contaclong (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACLONG3: Was your contact with this person prolonged? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 44 Invalid: 12867

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was your contact with this person indoors?

CATEGORIES

Value	Category	Cases	
0	Never prolonged	16	36.4%
1	Prolonged (hours)	27	61.4%
8	Unknown	0	0%
9	Missing	1	2.3%
Sysmiss		12867	

Imputation and derivation

DERIVATION

variable: contaclong (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)
```

```
rename * c*
```

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

```
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

```
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACLONG4: Was your contact with this person prolonged? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 4 Invalid: 12907

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was your contact with this person indoors?

CATEGORIES

Value	Category	Cases	
0	Never prolonged	1	25%
1	Prolonged (hours)	2	50%
8	Unknown	0	0%
9	Missing	1	25%
Sysmiss		12907	

Imputation and derivation

DERIVATION

variable: conactlong (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

```
reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind conactlong conactdays, i(ident frm_intdate) j(n)
```

rename * c*

```
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
```

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CCONTACLONG5: Was your contact with this person prolonged? [wide] (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Was your contact with this person indoors?

CATEGORIES

Value	Category	Cases	
0	Never prolonged	0	0%
1	Prolonged (hours)	2	100%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12909	

Imputation and derivation

DERIVATION

variable: contaclong (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdatex trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CCONTACDAYS1: On how many days did you see this person while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1463 Invalid: 11448

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

On how many days did you see this person while they were ill?

CATEGORIES

Value	Category	Cases	
1	0 days	66	4.5%
2	1 day	106	7.2%
3	2-5 days	303	20.7%
4	6-10 days	104	7.1%
5	11-20 days	122	8.3%
6	>20 days	645	44.1%
8	Unknown	0	0%
9	Missing	117	8%
Sysmiss		11448	

Imputation and derivation

DERIVATION

```
variable: contactdays (table[s]: tb_contact, tb_contactto2007, tbold_contact)
<the exposure contacts are processed separately first:>
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contactdays, i(ident frm_intdate) j(n)
rename * c*
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
save ${tempfiles}\tbcontacts_wide, replace
<and then merged into the main file:>
merge m:1 ident intdate using ${tempfiles}\tbcontacts_wide, keep(master match) nogen
```

CCONTACDAYS2: On how many days did you see this person while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 261 Invalid: 12650
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

On how many days did you see this person while they were ill?

CATEGORIES

Value	Category	Cases	
1	0 days	21	8%
2	1 day	26	10%
3	2-5 days	53	20.3%
4	6-10 days	9	3.4%
5	11-20 days	25	9.6%
6	>20 days	109	41.8%
8	Unknown	0	0%
9	Missing	18	6.9%
Sysmiss		12650	

Imputation and derivation

DERIVATION

```
variable: contactdays (table[s]: tb_contact, tb_contactto2007, tbold_contact)
<the exposure contacts are processed separately first:>
reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough
nurseill houseill sleepill contacind contaalong contactdays, i(ident frm_intdate) j(n)
rename * c*
rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)
save ${tempfiles}\tbcontacts_wide, replace
```

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CCONTACDAYS3: On how many days did you see this person while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 44 Invalid: 12867

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

On how many days did you see this person while they were ill?

CATEGORIES

Value	Category	Cases	
1	0 days	6	13.6%
2	1 day	2	4.5%
3	2-5 days	11	25%
4	6-10 days	3	6.8%
5	11-20 days	3	6.8%
6	>20 days	18	40.9%
8	Unknown	0	0%
9	Missing	1	2.3%
Sysmiss		12867	

Imputation and derivation

DERIVATION

variable: contacdays (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CCONTACDAYS4: On how many days did you see this person while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 4 Invalid: 12907

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

On how many days did you see this person while they were ill?

CATEGORIES

Value	Category	Cases	
1	0 days	0	0%
2	1 day	1	25%
3	2-5 days	0	0%
4	6-10 days	0	0%
5	11-20 days	1	25%
6	>20 days	1	25%
8	Unknown	0	0%
9	Missing	1	25%
Sysmiss		12907	

Imputation and derivation

DERIVATION

variable: contacdays (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdate trtdate trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaclong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

CCONTACDAYS5: On how many days did you see this person while they were ill? [wide] (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2 Invalid: 12909

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

On how many days did you see this person while they were ill?

CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

1	0 days	0	0%
2	1 day	0	0%
3	2-5 days	1	50%
4	6-10 days	0	0%
5	11-20 days	0	0%
6	>20 days	1	50%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12909	

Imputation and derivation

DERIVATION

variable: contacdays (table[s]: tb_contact, tb_contactto2007, tbold_contact)

<the exposure contacts are processed separately first:>

reshape wide idcontac famcont contvil contplace trtdatex trtplace certtbcon wardvisit relship contaccon cough nurseill houseill sleepill contacind contaalong contacdays, i(ident frm_intdate) j(n)

rename * c*

rename (cident cidcontac* cfrm_intdate cnumtbcont) (ident idcontac* intdate numtbcont)

save \${tempfiles}\tbcontacts_wide, replace

<and then merged into the main file:>

merge m:1 ident intdate using \${tempfiles}\tbcontacts_wide, keep(master match) nogen

DRINKALCOH: Have you ever drunk alcohol

Data file: combined_tb_cases_controls_final

Overview

Valid: 2192 Invalid: 10719

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you ever drunk alcohol?

CATEGORIES

Value	Category	Cases	
0	No	1361	62.1%
1	Yes	826	37.7%
8	Unknown	0	0%
9	Missing	5	0.2%
Sysmiss		10719	

DRINKYEARS: If yes: For how many years have/did you drunk alcohol?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 826 Invalid: 12085

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

If (drinkalcoh)yes : For how many years have/did you drunk alcohol?

CATEGORIES

Value	Category
98	Unknown
99	Missing

DRINKSTILL: Do you still drink?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 826 Invalid: 12085

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Do you still drink?

CATEGORIES

Value	Category	Cases	
0	No	386	46.7%
1	Yes	436	52.8%
8	Unknown	0	0%
9	Missing	4	0.5%
Sysmiss		12085	

DRINKSTOP: Year stopped drinking alcohol (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 377 Invalid: 12534

Type: Continuous Decimal: 0 Width: 4 Range: 1958 - 2014 Format: Numeric

Questions and instructions

LITERAL QUESTION

Year stopped drinking alcohol

Imputation and derivation

DERIVATION

variable: drinkstest [decade estimate of drinking stop] (table[s]: tbold_part1/2, tb_tbo, tbold_control)

variable: drinkstop [year of drinking stop] (table[s]: tbold_part1/2, tb_tbo, tbold_control)

```
replace drinkstop=1895 if drinkstest==1
replace drinkstop=1905 if drinkstest==2
replace drinkstop=1915 if drinkstest==3
replace drinkstop=1925 if drinkstest==4
replace drinkstop=1935 if drinkstest==5
replace drinkstop=1945 if drinkstest==6
replace drinkstop=1955 if drinkstest==7
replace drinkstop=1965 if drinkstest==8
replace drinkstop=1975 if drinkstest==9
replace drinkstop=1985 if drinkstest==10
replace drinkstop=1995 if drinkstest==11
replace drinkstop=1895 if drinkstest==12
replace drinkstop=1907 if drinkstest==13
replace drinkstop=1924 if drinkstest==14
replace drinkstop=1940 if drinkstest==15
replace drinkstop=1951 if drinkstest==16
replace drinkstop=1960 if drinkstest==17
replace drinkstop=1970 if drinkstest==18
recode drinkstop 0=.
```

DRINKSTOPX: Whether year of stopping drinking is estimated (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 377 Invalid: 12534

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Whether year of stopping drinking is estimated

CATEGORIES

Value	Category	Cases	
0	No	376	99.7%
1	Yes	1	0.3%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12534	

Imputation and derivation

DERIVATION

variable: drinkstest [decade estimate of drinking stop] (table[s]: tbold_part1/2, tb_tbo, tbold_control)

variable: drinkstop [year of drinking stop] (table[s]: tbold_part1/2, tb_tbo, tbold_control)

gen drinkstopx=0 if drinkstop~= . & drinkstop~=9999

replace drinkstopx=1 if drinkstest~= . & drinkstop~= . & drinkstop~=9999

la val drinkstopx yesno

DRINKFREQ: How frequently do/did you drink alcohol?

Data file: combined_tb_cases_controls_final

Overview

Valid: 826 Invalid: 12085

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

How frequently do/did you drink alcohol?

CATEGORIES

Value	Category	Cases	
1	Every day	131	15.9%
2	More than once a week	245	29.7%
3	Once a week	120	14.5%
4	Less than once a week	313	37.9%
8	Unknown	0	0%
9	Missing	17	2.1%
Sysmiss		12085	

SMOKETOBAC: Have you ever smoked tobacco? (this does not include snuff or chewing tobacco)

Data file: combined_tb_cases_controls_final

Overview

Valid: 8493 Invalid: 4418

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you ever smoked tobacco? (this does not include snuff or chewing tobacco)

CATEGORIES

Value	Category	Cases	
0	No	6603	77.7%
1	Yes	1824	21.5%
8	Unknown	0	0%
9	Missing	66	0.8%
Sysmiss		4418	

SMOKEWHAT: If yes, what did (or do) you smoke?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 1824 Invalid: 11087

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If (smoketobac) yes, what did (or do) you smoke?

CATEGORIES

Value	Category	Cases	
1	Cigarettes	1423	78%
2	Home-rolled	347	19%
3	Pipe	12	0.7%
8	Unknown	0	0%
9	Missing	42	2.3%
Sysmiss		11087	

SMOKENOCIG: How many did/do you smoke each day?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 1774 Invalid: 11137

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

How many did/do you smoke each day?

CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

1	<5 day	605	34.1%
2	5-10 day	608	34.3%
3	11-20 day	400	22.5%
4	>20 day	141	7.9%
8	unknown	0	0%
9	Missing	20	1.1%
Sysmiss		11137	

SMOKEYEARS: For how many years have/did you smoke(d)?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1824 Invalid: 11087

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

For how many years have/did you smoke(d)?

CATEGORIES

Value	Category
98	Unknown
99	Missing

SMOKESTILL: Do you still smoke?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1824 Invalid: 11087

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Do you still smoke?

CATEGORIES

Value	Category	Cases	
0	No	1300	71.3%
1	Yes	505	27.7%
8	Unknown	0	0%

9	Missing	19	1%
Sysmiss		11087	

SMOKESTOP: Year stopped smoking (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1280 Invalid: 11631

Type: Continuous Decimal: 0 Width: 4 Range: 1950 - 2018 Format: Numeric

Questions and instructions

LITERAL QUESTION

If (smokestill) is No, Year stopped smoking

Imputation and derivation

DERIVATION

variable: smokestest [decade estimate of smoking stop] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

variable: smokestop [year estimate of smoking stop] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

```
replace smokestop=1895 if smokestest==1
replace smokestop=1905 if smokestest==2
replace smokestop=1915 if smokestest==3
replace smokestop=1925 if smokestest==4
replace smokestop=1935 if smokestest==5
replace smokestop=1945 if smokestest==6
replace smokestop=1955 if smokestest==7
replace smokestop=1965 if smokestest==8
replace smokestop=1975 if smokestest==9
replace smokestop=1985 if smokestest==10
replace smokestop=1995 if smokestest==11
replace smokestop=1895 if smokestest==12
replace smokestop=1907 if smokestest==13
replace smokestop=1924 if smokestest==14
replace smokestop=1940 if smokestest==15
replace smokestop=1951 if smokestest==16
replace smokestop=1960 if smokestest==17
replace smokestop=1970 if smokestest==18
recode smokestop 0=.
```

SMOKESTOPX: Whether year of stopping smoking is estimated (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1280 Invalid: 11631

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is the year of stopping smoking is estimated

CATEGORIES

Value	Category	Cases	
0	No	1275	99.6%
1	Yes	5	0.4%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		11631	

Imputation and derivation

DERIVATION

variable: smokestest [decade estimate of smoking stop] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

variable: smokestop [year estimate of smoking stop] (table[s]: tb_tbx, tb_tbxto2007, tbold_part1/2, tb_tbo, tb_tboto2007, tbold_control)

gen smokestopx=0 if smokestop~= . & smokestop~=9999

replace smokestopx=1 if smokestest~= . & smokestop~= . & smokestop~=9999

la val smokestopx yesno

COOKING: Before you became ill, how often did you do the cooking?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1760 Invalid: 11151

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Before you became ill, how often did you do the cooking?

CATEGORIES

Value	Category	Cases	
1	Every day	742	42.2%
2	At least once a week but not every day	175	9.9%
3	Sometimes but < once per week	311	17.7%
4	Never	522	29.7%
8	Unknown	0	0%
9	Missing	10	0.6%

Sysmiss		11151	
---------	--	-------	--

COOKCARRID: Before becoming ill, was child carried by mother while they were cooking?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1 Invalid: 12910

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Before becoming ill, was child carried by mother while they were cooking?

CATEGORIES

Value	Category	Cases	
1	Every day	0	0%
2	At least once a week but not every day	0	0%
3	Sometimes but < once per week	1	100%
4	Never	0	0%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12910	

BILLSMKIRI: Before becoming ill, did cooking smoke make you cough or irritate your eyes?

Data file: combined_tb_cases_controls_final

Overview

Valid: 963 Invalid: 11948

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Before becoming ill, did cooking smoke make you cough or irritate your eyes?

CATEGORIES

Value	Category	Cases	
0	No	318	33%
1	Irritated eyes	402	41.7%
2	Made them cough	150	15.6%
3	Other	7	0.7%

8	Unknown	0	0%
9	Missing	86	8.9%
Sysmiss		11948	

SMKIRIWHEN: How often does/did the smoke irritate you?

Data file: combined_tb_cases_controls_final

Overview

Valid: 643 Invalid: 12268

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

How often does/did the smoke irritate you?

CATEGORIES

Value	Category	Cases	
1	Every day	47	7.3%
2	At least once a week but not every day	104	16.2%
3	Sometimes but < once per week	443	68.9%
4	Never	26	4%
8	Unknown	0	0%
9	Missing	23	3.6%
Sysmiss		12268	

DRYFIRETYP: What sort of cooking fire did you usually use in the dry season?

Data file: combined_tb_cases_controls_final

Overview

Valid: 989 Invalid: 11922

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

What sort of cooking fire did you usually use in the dry season?

CATEGORIES

Value	Category	Cases	
1	Open fire (e.g. 3-stonetype)	917	92.7%
2	Kinda fire	33	3.3%

3	Paraffin stove	4	0.4%
4	Gas stove	2	0.2%
5	Electric stove	13	1.3%
6	Others	7	0.7%
8	Unknown	0	0%
9	Missing	13	1.3%
Sysmiss		11922	

DRYFIREPL: Where is the fire usually in the dry season?

Data file: combined_tb_cases_controls_final

Overview

Valid: 989 Invalid: 11922

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Where is the fire usually in the dry season?

CATEGORIES

Value	Category	Cases	
1	Outside	437	44.2%
2	In a separate hut	490	49.5%
3	In a hut where you eat, live or sleep	48	4.9%
8	Unknown	0	0%
9	Missing	14	1.4%
Sysmiss		11922	

WETFIRETYP: What sort of cooking fire did you usually use in the wet season?

Data file: combined_tb_cases_controls_final

Overview

Valid: 989 Invalid: 11922

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

What sort of cooking fire did you usually use in the wet season?

CATEGORIES

Value	Category	Cases	
1	Open fire (e.g. 3-stonetype)	891	90.1%
2	Kinda fire	36	3.6%
3	Paraffin stove	5	0.5%
4	Gas stove	2	0.2%
5	Electric stove	13	1.3%
6	Others	7	0.7%
8	Unknown	0	0%
9	Missing	35	3.5%
Sysmiss		11922	

WETFIREPL: Where is the fire usually in the wet season?

Data file: combined_tb_cases_controls_final

Overview

Valid: 989 Invalid: 11922

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Where is the fire usually in the wet season?

CATEGORIES

Value	Category	Cases	
1	Outside	166	16.8%
2	In a separate hut	643	65%
3	In a hut where you eat, live or sleep	152	15.4%
8	Unknown	0	0%
9	Missing	28	2.8%
Sysmiss		11922	

BURNREPINS: Do you burn anything to keep insects away?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1761 Invalid: 11150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Do you burn anything to keep insects away?

CATEGORIES

Value	Category	Cases	
0	No	1276	72.5%
1	Yes	481	27.3%
8	Unknown	0	0%
9	Missing	4	0.2%
Sysmiss		11150	

BURNWHAT: What do you burn? [to keep insects away]

Data file: combined_tb_cases_controls_final

Overview

Valid: 481 Invalid: 12430

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

What do you burn? [to keep insects away]

CATEGORIES

Value	Category	Cases	
1	Coil	421	87.5%
2	Plants	36	7.5%
3	Dung	2	0.4%
4	Other	15	3.1%
8	Unknown	0	0%
9	Missing	7	1.5%
Sysmiss		12430	

BURNPLACE: Where do you burn it? [to keep insects away]

Data file: combined_tb_cases_controls_final

Overview

Valid: 481 Invalid: 12430

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Where do you burn it? [to keep insects away]

CATEGORIES

Value	Category	Cases	
1	Outside	1	0.2%
2	In a separate hut	462	96%
3	In a hut where you eat, live or sleep	3	0.6%
8	Unknown	0	0%
9	Missing	15	3.1%
Sysmiss		12430	

SMOKEFISH: Do you smoke fish?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1761 Invalid: 11150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Do you smoke fish?

CATEGORIES

Value	Category	Cases	
0	Never	1301	73.9%
1	Sometimes	334	19%
2	Frequently	13	0.7%
3	Commercial business	84	4.8%
8	unknown	0	0%
9	Missing	29	1.6%
Sysmiss		11150	

PREGEVER: Have you ever been pregnant?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1996 Invalid: 10915

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you ever been pregnant?

CATEGORIES

Value	Category	Cases	
0	No	174	8.7%
1	Yes	1667	83.5%
8	Unknown	0	0%
9	Missing	155	7.8%
Sysmiss		10915	

PREGNOW: Currently pregnant (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1682 Invalid: 11229

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Currently pregnant

CATEGORIES

Value	Category	Cases	
0	No	1510	89.8%
1	Yes	132	7.8%
8	Unknown	3	0.2%
9	Missing	37	2.2%
Sysmiss		11229	

Imputation and derivation

DERIVATION

variable: pregnow [currently pregnant] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

variable: regres [pregnancy test result] (table[s]: tb_tbx, tb_tbxto2007, tb_tbo, tb_tbotto2007)

variable: pregtest [pregnancy test result] (table[s]: tbold_part1/2, tbold_control)

replace pregnow=1 if regres==1 | pregtest==1 | pregestrp==1

PREGMTHNOW: Months pregnant (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 112 Invalid: 12799

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Months pregnant

CATEGORIES

Value	Category
98	Unknown
99	Missing

Imputation and derivation

DERIVATION

variable: pregmthnow [months pregnant] (table[s]: tb_tbxto2007)

variable: prgmthsnow [months pregnant] (table[s]: tbold_part1/2, tbold_control)

variable: pregmthsnow [months pregnant] (table[s]: tb_tbotto2007)

replace pregmthnow=prgmthsnow if pregmthnow==. & prgmthsnow~.=.

replace pregmthnow=pregmthsnow if pregmthnow==. & pregmthsnow~.=.

ILLSTART: Do you think your current illness started before of after the pregnancy?

Data file: combined_tb_cases_controls_final

Overview

Valid: 11 Invalid: 12900

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Do you think your current illness started before of after the pregnancy?

CATEGORIES

Value	Category	Cases	
1	Before	1	9.1%
2	After	5	45.5%
3	About the same time	4	36.4%
8	Unknown	1	9.1%
9	Missing	0	0%
Sysmiss		12900	

BIRTHEVER: Have you ever given birth (incl children who have died and stillbirths)?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 1667 Invalid: 11244

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you ever given birth (incl children who have died and stillbirths)?

CATEGORIES

Value	Category	Cases	
0	No	29	1.7%
1	Yes	1634	98%
8	Unknown	0	0%
9	Missing	4	0.2%
Sysmiss		11244	

TOTBIRTHS: Total number of births**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 1634 Invalid: 11277

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Total number of births

CATEGORIES

Value	Category
98	Unknown
99	Missing

RECBIRDATE: Date of most recent birth (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 1622

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date of most recent birth

Imputation and derivation

DERIVATION

variable: recbirest [decade estimate of most recent birth] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

variable: recbirmm [most recent birth month] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

variable: recbiryear [most recent birth year] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

recode recbirmm 0=.

replace recbiryear=1895 if recbirest==1

replace recbiryear=1905 if recbirest==2

replace recbiryear=1915 if recbirest==3

replace recbiryear=1925 if recbirest==4

replace recbiryear=1935 if recbirest==5

replace recbiryear=1945 if recbirest==6

replace recbiryear=1955 if recbirest==7

replace recbiryear=1965 if recbirest==8

replace recbiryear=1975 if recbirest==9

replace recbiryear=1985 if recbirest==10

replace recbiryear=1995 if recbirest==11

replace recbiryear=1895 if recbirest==12

replace recbiryear=1907 if recbirest==13

replace recbiryear=1924 if recbirest==14

replace recbiryear=1940 if recbirest==15

replace recbiryear=1951 if recbirest==16

replace recbiryear=1960 if recbirest==17

replace recbiryear=1970 if recbirest==18

recode recbiryear 9999=. 0=.

gen recbirdate=mdy(recbirmm,15,recbiryear) if recbirmm~=. & recbiryear~=.

replace recbirdate=mdy(6,15,recbiryear) if recbirmm==. & recbiryear~=.

RECBIRDATEX: if recbirdate is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1622 Invalid: 11289

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If recbirdate is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	1058	65.2%

3	Month unknown	0	0%
4	Day and month unknown	544	33.5%
5		20	1.2%
8	Not known at all	0	0%
9	Missing	0	0%
Sysmiss		11289	

Imputation and derivation

DERIVATION

variable: recbirest [decade estimate of most recent birth] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

variable: recbirmm [most recent birth month] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

variable: recbiryear [most recent birth year] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tbotto2007, tbold_control)

gen recbirdatex=2 if recbiryear~=.

replace recbirdatex=4 if recbirmm==. & recbiryear~=.

replace recbirdatex=5 if recbirest~=. & recbiryear~=.

la val recbirdatex datex

RECBIROUT: Outcome of most recent birth

Data file: combined_tb_cases_controls_final

Overview

Valid: 871 Invalid: 12040

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Outcome of most recent birth

CATEGORIES

Value	Category	Cases	
1	Alive	705	80.9%
2	Livebirth but died	129	14.8%
3	Stillbirth	19	2.2%
8	Unknown	0	0%
9	Missing	18	2.1%
Sysmiss		12040	

DMISABORT: Since last birth have you had miscarriage or abortion?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1634 Invalid: 11277

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Since last birth have you had miscarriage or abortion?

CATEGORIES

Value	Category	Cases	
0	No	1511	92.5%
1	Yes	103	6.3%
8	Unknown	0	0%
9	Missing	20	1.2%
Sysmiss		11277	

DMISABDATE: Most recent date (of miscarriage or abortion since last birth) (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 98

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Most recent date (of miscarriage or abortion since last birth)

Imputation and derivation

DERIVATION

variable: dmisabest [decade estimate of most recent (since last birth) miscarriage/abortion] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tboto2007, tbold_control)

variable: dmisabmm [most recent (since last birth) miscarriage/abortion month] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tboto2007, tbold_control)

variable: dmisabyear [most recent (since last birth) miscarriage/abortion year] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tboto2007, tbold_control)

gen recbirdatex=2 if recbiryear~=. .

replace recbirdatex=4 if recbirmm=. & recbiryear~=. .

replace recbirdatex=5 if recbiarest~=. & recbiryear~=. .

la val recbirdatex datex

DMISABDATEX: if dmisabdate is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 98 Invalid: 12813

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

If dmisabdate is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	50	51%
3	Month unknown	0	0%
4	Day and month unknown	47	48%
5		1	1%
8	Not known at all	0	0%
9	Missing	0	0%
Sysmiss		12813	

Imputation and derivation

DERIVATION

variable: dmisabest [decade estimate of most recent (since last birth) miscarriage/abortion] (table[s]: tb_tbxto2007, tbold_part1/2, tb_toto2007, tbold_control)

variable: dmisabmm [most recent (since last birth) miscarriage/abortion month] (table[s]: tb_tbxto2007, tbold_part1/2, tb_toto2007, tbold_control)

variable: dmisabyear [most recent (since last birth) miscarriage/abortion year] (table[s]: tb_tbxto2007, tbold_part1/2, tb_toto2007, tbold_control)

recode dmisabmm 0=.

replace dmisabyear=1895 if dmisabest==1

replace dmisabyear=1905 if dmisabest==2

replace dmisabyear=1915 if dmisabest==3

replace dmisabyear=1925 if dmisabest==4

replace dmisabyear=1935 if dmisabest==5

replace dmisabyear=1945 if dmisabest==6

replace dmisabyear=1955 if dmisabest==7

replace dmisabyear=1965 if dmisabest==8

replace dmisabyear=1975 if dmisabest==9

replace dmisabyear=1985 if dmisabest==10

replace dmisabyear=1995 if dmisabest==11

replace dmisabyear=1895 if dmisabest==12

replace dmisabyear=1907 if dmisabest==13

replace dmisabyear=1924 if dmisabest==14

replace dmisabyear=1940 if dmisabest==15

replace dmisabyear=1951 if dmisabest==16

replace dmisabyear=1960 if dmisabest==17

replace dmisabyear=1970 if dmisabest==18

recode dmisabyear 9999=. 0=.

gen dmisabdate=mdy(dmisabmm,15,dmisabyear) if dmisabmm~=. & dmisabyear~=.

replace dmisabdate=mdy(6,15,dmisabyear) if dmisabmm==. & dmisabyear~=.

DMISABPMTH: Gestation (of miscarriage or abortion since last birth)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 104 Invalid: 12807

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Gestation (of miscarriage or abortion since last birth)

CATEGORIES

Value	Category
98	Unknown
99	Missing

EMISABORT: Have you ever had any miscarriage or abortion?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 904 Invalid: 12007

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you ever had any miscarriage or abortion?

CATEGORIES

Value	Category	Cases	
0	No	724	80.1%
1	Yes	121	13.4%
8	Unknown	0	0%
9	Missing	59	6.5%
Sysmiss		12007	

EMISABDATE: Most recent date (of miscarriage or abortion ever) (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 113

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Most recent date (of miscarriage or abortion ever)

Imputation and derivation

DERIVATION

variable: emisabest [decade estimate of most recent miscarriage/abortion] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tboto2007, tbold_control)

variable: emisabmm [most recent miscarriage/abortion month] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tboto2007, tbold_control)

variable: emisabyear [most recent miscarriage/abortion year] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tboto2007, tbold_control)

recode emisabmm 0=.

replace emisabyear=1895 if emisabest==1

replace emisabyear=1905 if emisabest==2

replace emisabyear=1915 if emisabest==3

replace emisabyear=1925 if emisabest==4

replace emisabyear=1935 if emisabest==5

replace emisabyear=1945 if emisabest==6

replace emisabyear=1955 if emisabest==7

replace emisabyear=1965 if emisabest==8

replace emisabyear=1975 if emisabest==9

replace emisabyear=1985 if emisabest==10

replace emisabyear=1995 if emisabest==11

replace emisabyear=1895 if emisabest==12

replace emisabyear=1907 if emisabest==13

replace emisabyear=1924 if emisabest==14

replace emisabyear=1940 if emisabest==15

replace emisabyear=1951 if emisabest==16

replace emisabyear=1960 if emisabest==17

replace emisabyear=1970 if emisabest==18

recode emisabyear 9999=. 0=.

gen emisabdate=mdy(emisabmm,15,emisabyear) if emisabmm~=. & emisabyear~=.

replace emisabdate=mdy(6,15,emisabyear) if emisabmm==. & emisabyear~=.

EMISABDATEX: if emisabdate is an estimate (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 113 Invalid: 12798

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

if emisabdate is an estimate

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	33	29.2%
3	Month unknown	0	0%
4	Day and month unknown	79	69.9%
5		1	0.9%
8	Not known at all	0	0%
9	Missing	0	0%
Sysmiss		12798	

Imputation and derivation

DERIVATION

variable: emisabest [decade estimate of most recent miscarriage/abortion] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tboto2007, tbold_control)

variable: emisabmm [most recent miscarriage/abortion month] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tboto2007, tbold_control)

variable: emisabyear [most recent miscarriage/abortion year] (table[s]: tb_tbxto2007, tbold_part1/2, tb_tboto2007, tbold_control)

gen emisabdatex=2 if emisabyear~=.

replace emisabdatex=4 if emisabmm==. & emisabyear~=.

replace emisabdatex=5 if emisabest~=. & emisabyear~=.

la val emisabdatex datex

EMISABPMTH: Gestation (of miscarriage or abortion ever)

Data file: combined_tb_cases_controls_final

Overview

Valid: 121 Invalid: 12790

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
98	Unknown
99	Missing

OTHMEDICIN: Have you been taking any medicines other than for TB in the last year?

Data file: combined_tb_cases_controls_final

Overview

Valid: 3101 Invalid: 9810

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you been taking any medicines other than for TB in the last year?

CATEGORIES

Value	Category	Cases	
0	No	1261	40.7%
1	Yes	1312	42.3%
8	Unknown	0	0%
9	Missing	528	17%
Sysmiss		9810	

OTHMEDGRO: Taking medicines (other than for TB) from the grocery/market (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2573 Invalid: 10338

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Taking medicines (other than for TB) from the grocery/market

CATEGORIES

Value	Category	Cases	
0	No	2325	90.4%
1	Yes	248	9.6%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		10338	

Imputation and derivation

DERIVATION

variable: othmedicin [taking other medicines] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght1 [where bought other medicines 1] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght2 [where bought other medicines 2] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght3 [where bought other medicines 3] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght4 [where bought other medicines 4] (table[s]: tbold_part1/2, tbold_control)

gen othmedgro=0 if othmedicin==1 | othmedicin==0

replace othmedgro=1 if wherebght1==1 | wherebght2==1 | wherebght3==1 | wherebght4==1

OTHMEDHCO: Taking medicines (other than for TB) from the health centre (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 2573 Invalid: 10338

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Taking medicines (other than for TB) from the health centre

CATEGORIES

Value	Category	Cases	
0	No	1489	57.9%
1	Yes	1084	42.1%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		10338	

Imputation and derivation

DERIVATION

variable: othmedicin [taking other medicines] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght1 [where bought other medicines 1] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght2 [where bought other medicines 2] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght3 [where bought other medicines 3] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght4 [where bought other medicines 4] (table[s]: tbold_part1/2, tbold_control)

gen othmedhco=0 if othmedicin==1 | othmedicin==0

replace othmedhc=1 if wherebght1==2 | wherebght2==2 | wherebght3==2 | wherebght4==2

OTHMEDTH: Taking medicines (other than for TB) from the traditional healer (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 2573 Invalid: 10338

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Taking medicines (other than for TB) from the traditional healer

CATEGORIES

Value	Category	Cases	
0	No	2180	84.7%
1	Yes	393	15.3%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		10338	

Imputation and derivation

DERIVATION

variable: othmedicin [taking other medicines] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght1 [where bought other medicines 1] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght2 [where bought other medicines 2] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght3 [where bought other medicines 3] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght4 [where bought other medicines 4] (table[s]: tbold_part1/2, tbold_control)

gen othmedth=0 if othmedicin==1 | othmedicin==0

replace othmedth=1 if wherebght1==3 | wherebght2==3 | wherebght3==3 | wherebght4==3

OTHMEDSH: Taking medicines (other than for TB): self treatment with herbs (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2573 Invalid: 10338

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Taking medicines (other than for TB): self treatment with herbs

CATEGORIES

Value	Category	Cases	
0	No	2548	99%
1	Yes	25	1%
8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		10338	

Imputation and derivation

DERIVATION

variable: othmedicin [taking other medicines] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght1 [where bought other medicines 1] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght2 [where bought other medicines 2] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght3 [where bought other medicines 3] (table[s]: tbold_part1/2, tbold_control)

variable: wherebght4 [where bought other medicines 4] (table[s]: tbold_part1/2, tbold_control)

gen othmedsh=0 if othmedicin==1 | othmedicin==0

replace othmedsh=1 if wherebght1==4 | wherebght2==4 | wherebght3==4 | wherebght4==4

DIABETES: Have you ever been diagnosed with diabetes (sugar disease)

Data file: combined_tb_cases_controls_final

Overview

Valid: 3101 Invalid: 9810

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you ever been diagnosed with diabetes (sugar disease)

CATEGORIES

Value	Category	Cases	
0	No	2573	83%
1	Yes	9	0.3%
8	Unknown	0	0%
9	Missing	519	16.7%
Sysmiss		9810	

SERIOUSDIS: Have you ever been diagnosed with any other serious disease?

Data file: combined_tb_cases_controls_final

Overview

Valid: 3101 Invalid: 9810

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Have you ever been diagnosed with any other serious disease?

CATEGORIES

Value	Category	Cases	
0	No	2146	69.2%
1	Yes	405	13.1%
8	Unknown	0	0%
9	Missing	550	17.7%
Sysmiss		9810	

NURSED: Since you became ill but before admission to hospital was anyone nursing you?**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 3971 Invalid: 8940

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Since you became ill but before admission to hospital was anyone nursing you?

CATEGORIES

Value	Category	Cases	
0	No	3190	80.3%
1	Yes	729	18.4%
8	Unknown	0	0%
9	Missing	52	1.3%
Sysmiss		8940	

IDNURSED1: unique identifier of person1 who nursed them linkable to other studies**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 729 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

unique identifier of person1 who nursed them linkable to other studies

IDNURSED2: unique identifier of person2 who nursed them linkable to other studies**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 168 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

unique identifier of person2 who nursed them linkable to other studies

IDNURSED3: unique identifier of person3 who nursed them linkable to other studies

Data file: combined_tb_cases_controls_final

Overview

Valid: 27 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

unique identifier of person3 who nursed them linkable to other studies

MARIDILL: Living as married with anyone while ill but before hospital admission

Data file: combined_tb_cases_controls_final

Overview

Valid: 3814 Invalid: 9097

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Living as married with anyone while ill but before hospital admission

CATEGORIES

Value	Category	Cases	
0	No	1592	41.7%
1	Yes	2103	55.1%
8	Unknown	0	0%
9	Missing	119	3.1%
Sysmiss		9097	

IDSPOUSE1: unique identifier of spouse1 them linkable to other studies

Data file: combined_tb_cases_controls_final

Overview

Valid: 2102 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

unique identifier of spouse1 them linkable to other studies

SPOUGARD1: Is spouse1 attending as the guardian?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1430 Invalid: 11481

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is spouse1 attending as the guardian?

CATEGORIES

Value	Category	Cases	
0	No	638	44.6%
1	Yes	762	53.3%
8	Unknown	0	0%
9	Missing	30	2.1%
Sysmiss		11481	

IDSPOUSE2: unique identifier of spouse2 them linkable to other studies

Data file: combined_tb_cases_controls_final

Overview

Valid: 119 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

unique identifier of spouse2 them linkable to other studies

SPOUGARD2: Is spouse2 attending as the guardian?

Data file: combined_tb_cases_controls_final

Overview

Valid: 101 Invalid: 12810

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is spouse2 attending as the guardian?

CATEGORIES

Value	Category	Cases	
0	No	39	38.6%
1	Yes	57	56.4%
8	Unknown	0	0%
9	Missing	5	5%
Sysmiss		12810	

IDSPOUSE3: unique identifier of spouse3 them linkable to other studies

Data file: combined_tb_cases_controls_final

Overview

Valid: 16 Invalid: 0

Type: Discrete Width: 7 Range: - Format: character

Questions and instructions

LITERAL QUESTION

unique identifier of spouse3 them linkable to other studies

SPOUGARD3: Is spouse3 attending as the guardian?

Data file: combined_tb_cases_controls_final

Overview

Valid: 14 Invalid: 12897

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Is spouse3 attending as the guardian?

CATEGORIES

Value	Category	Cases	
0	No	5	35.7%
1	Yes	8	57.1%
8	Unknown	0	0%

9	Missing	1	7.1%
Sysmiss		12897	

BILLDWLAD: In the year before illness, num adults shared a sleeping dwelling with?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1761 Invalid: 11150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

In the year before illness, num adults shared a sleeping dwelling with?

CATEGORIES

Value	Category
8	Unknown
9	Missing

BILLDWLCH: In the year before illness, num children shared a sleeping dwelling with?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1761 Invalid: 11150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

In the year before illness, num children shared a sleeping dwelling with?

CATEGORIES

Value	Category
8	Unknown
9	Missing

WILLDWLAD: When became ill, num adults shared a sleeping dwelling with?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1761 Invalid: 11150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

When became ill, num adults shared a sleeping dwelling with?

CATEGORIES

Value	Category
8	Unknown
9	Missing

WILLDWLCH: When became ill, num children shared a sleeping dwelling with?

Data file: combined_tb_cases_controls_final

Overview

Valid: 1761 Invalid: 11150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

When became ill, num children shared a sleeping dwelling with?

CATEGORIES

Value	Category
8	Unknown
9	Missing

HAEMOPT: Haemoptysis

Data file: combined_tb_cases_controls_final

Overview

Valid: 181 Invalid: 12730

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Haemoptysis

CATEGORIES

Value	Category	Cases	
0	No	157	86.7%
1	Yes	22	12.2%

8	Unknown	0	0%
9	Missing	2	1.1%
Sysmiss		12730	

EXAMGLANDS: Examination for glands

Data file: combined_tb_cases_controls_final

Overview

Valid: 2761 Invalid: 10150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examination for glands

CATEGORIES

Value	Category	Cases	
0	Incomplete	7	0.3%
1	Complete	2679	97%
2	Not done	20	0.7%
3	Unable	1	0%
4	Refused	12	0.4%
8	Unknown	0	0%
9	Missing	42	1.5%
Sysmiss		10150	

FNTBPUL: Findings: TB suspect pulmonary?

Data file: combined_tb_cases_controls_final

Overview

Valid: 2761 Invalid: 10150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Findings: TB suspect pulmonary?

CATEGORIES

Value	Category	Cases	
0	No	0	0%

1	Yes	292	10.6%
8	Unknown	0	0%
9	Missing	2469	89.4%
Sysmiss		10150	

FNTBGL: Findings: TB suspect glandular?

Data file: combined_tb_cases_controls_final

Overview

Valid: 2761 Invalid: 10150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Findings: TB suspect glandular?

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	8	0.3%
8	Unknown	0	0%
9	Missing	2753	99.7%
Sysmiss		10150	

FNTBOTH: Findings: TB suspect both pulmonary and glandular?

Data file: combined_tb_cases_controls_final

Overview

Valid: 2761 Invalid: 10150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Findings: TB suspect both pulmonary and glandular?

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	10	0.4%
8	Unknown	0	0%

9	Missing	2751	99.6%
Sysmiss		10150	

FNOTHER: Findings: TB suspect other?

Data file: combined_tb_cases_controls_final

Overview

Valid: 2761 Invalid: 10150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Findings: TB suspect other?

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	15	0.5%
8	Unknown	0	0%
9	Missing	2746	99.5%
Sysmiss		10150	

REVMO: To be reviewed by Medical Officer/Clinical Officer?

Data file: combined_tb_cases_controls_final

Overview

Valid: 2761 Invalid: 10150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

To be reviewed by Medical Officer/Clinical Officer?

CATEGORIES

Value	Category	Cases	
0	No	2339	84.7%
1	Yes	268	9.7%
7		34	1.2%
8	Unknown	0	0%
9	Missing	120	4.3%

Sysmiss		10150	
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REFHOSP: Referred to hospital for admission?

Data file: combined_tb_cases_controls_final

Overview

Valid: 2761 Invalid: 10150

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Referred to hospital for admission?

CATEGORIES

Value	Category	Cases	
0	No	2468	89.4%
1	Yes	8	0.3%
7		144	5.2%
8	Unknown	0	0%
9	Missing	141	5.1%
Sysmiss		10150	

EXAMLEP: Examined for leprosy

Data file: combined_tb_cases_controls_final

Overview

Valid: 811 Invalid: 12100

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Examined for leprosy

CATEGORIES

Value	Category	Cases	
0	Incomplete	48	5.9%
1	Complete	724	89.3%
2	Not done	4	0.5%
3	Unable	0	0%
4	Refused	11	1.4%

8	Unknown	0	0%
9	Missing	24	3%
Sysmiss		12100	

FNLEP: Leprosy suspect**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 811 Invalid: 12100

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Leprosy suspect

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	0	0%
8	Unknown	0	0%
9	Missing	811	100%
Sysmiss		12100	

FNOSKD: Skin disease**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 811 Invalid: 12100

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Skin disease

CATEGORIES

Value	Category	Cases	
0	No	0	0%
1	Yes	136	16.8%
8	Unknown	0	0%
9	Missing	675	83.2%

Sysmiss		12100	
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DISEASE1: Skin disease 1

Data file: combined_tb_cases_controls_final

Overview

Valid: 136 Invalid: 12775

Type: Discrete Decimal: 0 Width: 3 Range: 1 - 999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Skin disease 1

CATEGORIES

Value	Category	Cases	
1	Malnutrition	1	0.7%
2	Scabies	2	1.5%
3	Ext t versicolor	49	36%
4	Mild t versicolor	15	11%
5	Extensive impetigo	1	0.7%
6	Von Recklinghausen's	0	0%
7	Signs of past polio	2	1.5%
8	Mutism	0	0%
9	T corporis/circinat	7	5.1%
10	Sev rheumatoid arth	0	0%
12	Morphoea (probably)	0	0%
13	Ichthyosis	0	0%
15	Psoriasis	0	0%
19	Lupus vulgaris	0	0%
20	Secondary syphilis	0	0%
21	Chicken pox	0	0%
22	Herpes zoster (shingles)	3	2.2%
23	Herpes simplex (extr	0	0%
24	Herpes simplex (geni	0	0%
25	Verruca vulgaris	0	0%
26	Plane warts	2	1.5%
27	Genital warts	0	0%
28	Molluscum contagiosu	0	0%
30	Acne vulgaris	1	0.7%
31	Acne conglobata	0	0%

32	Folliculitis/papulop	1	0.7%
33	Keratosis follicular	0	0%
34	Allergic cont derma	1	0.7%
35	Irritant cont derma	1	0.7%
36	Seborrhoeic dermatit	4	2.9%
37	Atopic eczema	0	0%
38	Nummular discoid ecz	0	0%
39	Lichen simplex chron	1	0.7%
40	Pityriasis alba	0	0%
41	Unspec chronic derm	1	0.7%
42	Pellagra	0	0%
43	Photoallergic dermat	0	0%
44	Phototoxic dermatiti	0	0%
45	Dyshydrosis (pomphol	0	0%
46	Eczematide	0	0%
47	Acute urticaria, whe	0	0%
48	Chronic urticaria	0	0%
49	Papular urticaria	3	2.2%
50	Pruritus without ski	0	0%
51	Prurigo	0	0%
52	Candidosis (paronych	2	1.5%
53	Tinea pedis	3	2.2%
54	Tinea inguinalis	2	1.5%
55	Tinea capitis	0	0%
56	Chronic discoid lupu	0	0%
57	Pityriasis rosea	0	0%
58	Cutaneous larva migr	0	0%
59	Benign skin tumour	20	14.7%
60	Kaposi's sarcoma	1	0.7%
62	Malignant melanoma	0	0%
63	Basal cell carcinoma	0	0%
64	Squamous cell carcin	0	0%
65	Lichen planus	1	0.7%
66	Drug reaction/sj syn	0	0%
67	Fixed drug eruption	1	0.7%
68	Vitiligo	1	0.7%
69	Gonorrhoea	0	0%
70	Chancroid	0	0%
71	Lymphogranuloma vene	0	0%

72	Dermatitis herpetifo	0	0%
73	Pemphigus	0	0%
74	Pemphigoid	0	0%
75	Porphyria cutanea ta	0	0%
76	Stomatitis	0	0%
77	Erythroderma	0	0%
78	Scleroderma+morphea	0	0%
79	Scrophuloderma	0	0%
80	Erythema nodosum	0	0%
81	Erythema induratum	0	0%
82	Papulonecrotic tuber	0	0%
83	Haemangioma	0	0%
84	Granuloma annulare	0	0%
85	Deep fungal infectio	0	0%
86	Tropical ulcer	0	0%
87	Buruli ulcer (m.ulce	0	0%
88	Cellulitis	0	0%
89	Erythema multiforme	0	0%
90	Measles	0	0%
91	Primary syphilis	0	0%
92	Gen lymphadenopathy	0	0%
93	Glandular tb/loc lym	0	0%
94	Undiag urethral dis	0	0%
95	Cysticercosis	0	0%
96	Acne keloidalis nuch	0	0%
97	Saocoidosis	0	0%
98	Tinea unguum (fungal	0	0%
99	Lichen nitidus	0	0%
100	Lichen sclerosus et	0	0%
101	Infective dermatitis	0	0%
102	Pit rubra pilaris	0	0%
103	Keratoderma	0	0%
104	Pseudofolliculitis b	0	0%
105	Lichen striatus	0	0%
106	Pityriasis lichenoid	0	0%
107	Bell's palsy	0	0%
108	Metastatic carcinoma	0	0%
109	Non specific ulcer	0	0%
110	Leukaemia	0	0%

111	Hodgkin's lymphoma	0	0%
112	Non hodgkin's lympho	0	0%
113	Alopecia areata	0	0%
114	Cutaneous t cell lym	0	0%
115	Pyogenic granuloma	0	0%
116	B-cell lymphoma	0	0%
117	Erythrasima	0	0%
118	Millaria rubra/cysts	5	3.7%
119	Lice(pedic.pubis/cap	0	0%
120	Unspecified carcinom	0	0%
121	Haemorrhoids	0	0%
122	Elephantiasis	3	2.2%
123	Hydrocoele	1	0.7%
124	Hydradenitis suppuri	0	0%
998	Unknown	1	0.7%
999	Missing	0	0%
Sysmiss		12775	

DISEASE2: Skin disease 2

Data file: combined_tb_cases_controls_final

Overview

Valid: 9 Invalid: 12902

Type: Discrete Decimal: 0 Width: 3 Range: 1 - 999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Skin disease 2

CATEGORIES

Value	Category	Cases	
1	Malnutrition	0	0%
2	Scabies	1	11.1%
3	Ext t versicolor	2	22.2%
4	Mild t versicolor	0	0%
5	Extensive impetigo	0	0%
6	Von Recklinghausen's	0	0%
7	Signs of past polio	0	0%
8	Mutism	0	0%
9	T corporis/circinat	1	11.1%

10	Sev rheumatoid arth	0	0%
12	Morphoea (probably)	0	0%
13	Ichthyosis	0	0%
15	Psoriasis	1	11.1%
19	Lupus vulgaris	0	0%
20	Secondary syphilis	0	0%
21	Chicken pox	0	0%
22	Herpes zoster (shingles)	0	0%
23	Herpes simplex (extr	0	0%
24	Herpes simplex (geni	0	0%
25	Verruca vulgaris	0	0%
26	Plane warts	1	11.1%
27	Genital warts	0	0%
28	Molluscum contagiosu	0	0%
30	Acne vulgaris	0	0%
31	Acne conglobata	0	0%
32	Folliculitis/papulop	0	0%
33	Keratosis follicular	0	0%
34	Allergic cont derma	0	0%
35	Irritant cont derma	0	0%
36	Seborrhoeic dermatit	0	0%
37	Atopic eczema	0	0%
38	Nummular discoid ecz	0	0%
39	Lichen simplex chron	0	0%
40	Pityriasis alba	0	0%
41	Unspec chronic derm	0	0%
42	Pellagra	0	0%
43	Photoallergic dermat	0	0%
44	Phototoxic dermatiti	0	0%
45	Dyshydrosis (pomphol	0	0%
46	Eczematide	0	0%
47	Acute urticaria, whe	0	0%
48	Chronic urticaria	0	0%
49	Papular urticaria	0	0%
50	Pruritus without ski	0	0%
51	Prurigo	0	0%
52	Candidosis (paronych	0	0%
53	Tinea pedis	0	0%
54	Tinea inguinalis	1	11.1%

55	Tinea capitis	0	0%
56	Chronic discoid lupu	0	0%
57	Pityriasis rosea	0	0%
58	Cutaneous larva migr	0	0%
59	Benign skin tumour	2	22.2%
60	Kaposi's sarcoma	0	0%
62	Malignant melanoma	0	0%
63	Basal cell carcinoma	0	0%
64	Squamous cell carcin	0	0%
65	Lichen planus	0	0%
66	Drug reaction/sj syn	0	0%
67	Fixed drug eruption	0	0%
68	Vitiligo	0	0%
69	Gonorrhoea	0	0%
70	Chancroid	0	0%
71	Lymphogranuloma vene	0	0%
72	Dermatitis herpetifo	0	0%
73	Pemphigus	0	0%
74	Pemphigoid	0	0%
75	Porphyria cutanea ta	0	0%
76	Stomatitis	0	0%
77	Erythroderma	0	0%
78	Scleroderma+morphea	0	0%
79	Scrophuloderma	0	0%
80	Erythema nodosum	0	0%
81	Erythema induratum	0	0%
82	Papulonecrotic tuber	0	0%
83	Haemangioma	0	0%
84	Granuloma annulare	0	0%
85	Deep fungal infectio	0	0%
86	Tropical ulcer	0	0%
87	Buruli ulcer (m.ulce	0	0%
88	Cellulitis	0	0%
89	Erythema multiforme	0	0%
90	Measles	0	0%
91	Primary syphilis	0	0%
92	Gen lymphadenopathy	0	0%
93	Glandular tb/loc lym	0	0%
94	Undiag urethral dis	0	0%

95	Cysticercosis	0	0%
96	Acne keloidalis nuch	0	0%
97	Saocoidosis	0	0%
98	Tinea unguum (fungal	0	0%
99	Lichen nitidus	0	0%
100	Lichen sclerosus et	0	0%
101	Infective dermatitis	0	0%
102	Pit rubra pilaris	0	0%
103	Keratoderma	0	0%
104	Pseudofolliculitis b	0	0%
105	Lichen striatus	0	0%
106	Pityriasis lichenoid	0	0%
107	Bell's palsy	0	0%
108	Metastatic carcinoma	0	0%
109	Non specific ulcer	0	0%
110	Leukaemia	0	0%
111	Hodgkin's lymphoma	0	0%
112	Non hodgkin's lympho	0	0%
113	Alopecia areata	0	0%
114	Cutaneous t cell lym	0	0%
115	Pyogenic granuloma	0	0%
116	B-cell lymphoma	0	0%
117	Erythrasima	0	0%
118	Millaria rubra/cysts	0	0%
119	Lice(pedic.pubis/cap	0	0%
120	Unspecified carcinom	0	0%
121	Haemorrhoids	0	0%
122	Elephantiasis	0	0%
123	Hydrocoele	0	0%
124	Hydradenitis suppuri	0	0%
998	Unknown	0	0%
999	Missing	0	0%
Sysmiss		12902	

DISEASE3: Skin disease 3

Data file: combined_tb_cases_controls_final

Overview

Valid: 1 Invalid: 12910

Type: Discrete Decimal: 0 Width: 3 Range: 1 - 999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Skin disease 3

CATEGORIES

Value	Category	Cases	
1	Malnutrition	0	0%
2	Scabies	0	0%
3	Ext t versicolor	0	0%
4	Mild t versicolor	0	0%
5	Extensive impetigo	0	0%
6	Von Recklinghausen's	0	0%
7	Signs of past polio	0	0%
8	Mutism	0	0%
9	T corporis/circinat	0	0%
10	Sev rheumatoid arth	0	0%
12	Morphoea (probably)	0	0%
13	Ichthyosis	0	0%
15	Psoriasis	0	0%
19	Lupus vulgaris	0	0%
20	Secondary syphilis	0	0%
21	Chicken pox	0	0%
22	Herpes zoster (shingles)	0	0%
23	Herpes simplex (extr	0	0%
24	Herpes simplex (geni	0	0%
25	Verruca vulgaris	0	0%
26	Plane warts	0	0%
27	Genital warts	0	0%
28	Molluscum contagiosu	0	0%
30	Acne vulgaris	0	0%
31	Acne conglobata	0	0%
32	Folliculitis/papulop	0	0%
33	Keratosis follicular	0	0%
34	Allergic cont derma	0	0%
35	Irritant cont derma	0	0%
36	Seborrhoeic dermatit	1	100%
37	Atopic eczema	0	0%
38	Nummular discoid ecz	0	0%

39	Lichen simplex chron	0	0%
40	Pityriasis alba	0	0%
41	Unspec chronic derm	0	0%
42	Pellagra	0	0%
43	Photoallergic dermat	0	0%
44	Phototoxic dermatiti	0	0%
45	Dyshydrosis (pomphol	0	0%
46	Eczematide	0	0%
47	Acute urticaria, whe	0	0%
48	Chronic urticaria	0	0%
49	Papular urticaria	0	0%
50	Pruritus without ski	0	0%
51	Prurigo	0	0%
52	Candidosis (paronych	0	0%
53	Tinea pedis	0	0%
54	Tinea inguinalis	0	0%
55	Tinea capitis	0	0%
56	Chronic discoid lupu	0	0%
57	Pityriasis rosea	0	0%
58	Cutaneous larva migr	0	0%
59	Benign skin tumour	0	0%
60	Kaposi's sarcoma	0	0%
62	Malignant melanoma	0	0%
63	Basal cell carcinoma	0	0%
64	Squamous cell carcin	0	0%
65	Lichen planus	0	0%
66	Drug reaction/sj syn	0	0%
67	Fixed drug eruption	0	0%
68	Vitiligo	0	0%
69	Gonorrhoea	0	0%
70	Chancroid	0	0%
71	Lymphogranuloma vene	0	0%
72	Dermatitis herpetifo	0	0%
73	Pemphigus	0	0%
74	Pemphigoid	0	0%
75	Porphyria cutanea ta	0	0%
76	Stomatitis	0	0%
77	Erythroderma	0	0%
78	Scleroderma+morphea	0	0%

79	Scrophuloderma	0	0%
80	Erythema nodosum	0	0%
81	Erythema induratum	0	0%
82	Papulonecrotic tuber	0	0%
83	Haemangioma	0	0%
84	Granuloma annulare	0	0%
85	Deep fungal infectio	0	0%
86	Tropical ulcer	0	0%
87	Buruli ulcer (m.ulce	0	0%
88	Cellulitis	0	0%
89	Erythema multiforme	0	0%
90	Measles	0	0%
91	Primary syphilis	0	0%
92	Gen lymphadenopathy	0	0%
93	Glandular tb/loc lym	0	0%
94	Undiag urethral dis	0	0%
95	Cysticercosis	0	0%
96	Acne keloidalis nuch	0	0%
97	Saocoidosis	0	0%
98	Tinea unguum (fungal	0	0%
99	Lichen nitidus	0	0%
100	Lichen sclerosus et	0	0%
101	Infective dermatitis	0	0%
102	Pit rubra pilaris	0	0%
103	Keratoderma	0	0%
104	Pseudofolliculitis b	0	0%
105	Lichen striatus	0	0%
106	Pityriasis lichenoid	0	0%
107	Bell's palsy	0	0%
108	Metastatic carcinoma	0	0%
109	Non specific ulcer	0	0%
110	Leukaemia	0	0%
111	Hodgkin's lymphoma	0	0%
112	Non hodgkin's lympho	0	0%
113	Alopecia areata	0	0%
114	Cutaneous t cell lym	0	0%
115	Pyogenic granuloma	0	0%
116	B-cell lymphoma	0	0%
117	Erythrasima	0	0%

118	Millaria rubra/cysts	0	0%
119	Lice(pedic.pubis/cap	0	0%
120	Unspecified carcinom	0	0%
121	Haemorrhoids	0	0%
122	Elephantiasis	0	0%
123	Hydrocoele	0	0%
124	Hydradenitis suppur	0	0%
998	Unknown	0	0%
999	Missing	0	0%
Sysmiss		12910	

EXAMDATE: examination date**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 805

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

examination date

WEIGHT: Weight at diagnosis**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 6232 Invalid: 6679

Type: Discrete Decimal: 0 Width: 3 Range: 3 - 999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Weight at diagnosis

CATEGORIES

Value	Category
998	Unknown
999	Missing

HEIGHT: Height**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 5551 Invalid: 7360

Type: Continuous Decimal: 0 Width: 3 Range: 34 - 999 Format: Numeric

Questions and instructions

LITERAL QUESTION

Height

MUAC: mid-upper arm circumference**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 811 Invalid: 12100

Type: Discrete Decimal: 0 Width: 3 Range: 21 - 999 Format: Numeric

Questions and instructions

LITERAL QUESTION

mid-upper arm circumference

CATEGORIES

Value	Category
998	Unknown
999	Missing

BCGSCAR1: Presence of BCG scar 1**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 5456 Invalid: 7455

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Presence of BCG scar 1

CATEGORIES

Value	Category
0	None

1	Yes
2	Doubtful
3	Not examined
4	Blind review
8	Unknown
9	Missing

BCGSIZE1: Size of BCG scar 1

Data file: combined_tb_cases_controls_final

Overview

Valid: 3937 Invalid: 8974

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Size of BCG scar 1

CATEGORIES

Value	Category
98	Unknown
99	Missing

BCGSCAR2: Presence of BCG scar 2

Data file: combined_tb_cases_controls_final

Overview

Valid: 3937 Invalid: 8974

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Presence of BCG scar 2

CATEGORIES

Value	Category
0	None
1	Yes
2	Doubtful
3	Not examined

4	Blind review
8	Unknown
9	Missing

BCGSIZE2: Size of BCG scar 2

Data file: combined_tb_cases_controls_final

Overview

Valid: 756 Invalid: 12155

Type: Discrete Decimal: 0 Width: 2 Range: 2 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Size of BCG scar 2

CATEGORIES

Value	Category
98	Unknown
99	Missing

BCGSCAR3: Presence of BCG scar 3

Data file: combined_tb_cases_controls_final

Overview

Valid: 756 Invalid: 12155

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Presence of BCG scar 3

CATEGORIES

Value	Category
0	None
1	Yes
2	Doubtful
3	Not examined
4	Blind review
8	Unknown
9	Missing

BCGSIZE3: Size of BCG scar 3**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 33 Invalid: 12878

Type: Discrete Decimal: 0 Width: 2 Range: 2 - 99 Format: Numeric

Questions and instructions

LITERAL QUESTION

Size of BCG scar 3

CATEGORIES

Value	Category
98	Unknown
99	Missing

NEARESTHIVNEGDATE: Nearest negative HIV test date closest to TB interview (D)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 4845

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Nearest negative HIV test date closest to TB interview

Imputation and derivation

DERIVATION

variable: neg_date* [HIV negative date(s)] (table[s]: hivart_kps_known_all)

gen datehiv=intdate

replace datehiv=starteps if starteps~=.

merge m:1 ident using \${hivdata}\hivart_kps_known_all, keep(master match) keepusing(firstshivposdate lastneverart_date firststart_date lastonart_date laststartstop_date neg_date*) nogen

*hivstatus

gen hivstatus=.

gen nearestshivnegdate=.

lookfor neg_date

foreach neg_date in `r(varlist)' {

replace nearestshivnegdate=`neg\_date' if datehiv-`neg_date'<=(365.25*3) & datehiv-`neg\_date'>=-31 & `neg_date'~=.

replace hivstatus=0 if datehiv-`neg\_date'<=(365.25\*3) & datehiv-`neg_date'>=-31 & `neg_date'~=.

}

FIRSTHIVPOSDATE: First positive HIV test date (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 4636

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

First positive HIV test date

Imputation and derivation

DERIVATION

variable: firsthivposdate (table[s]: hivart_kps_known_all)

merge m:1 ident using \${hivdata}\hivart_kps_known_all, keep(master match) keepusing(firsthivposdate lastneverart_date firststart_date lastonart_date laststartstop_date neg_date*) nogen

LASTNEVERART_DATE: Last date known not on ART (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 197

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Last date known not on ART

Imputation and derivation

DERIVATION

variable: lastneverart_date (table[s]: hivart_kps_known_all)

merge m:1 ident using \${hivdata}\hivart_kps_known_all, keep(master match) keepusing(firsthivposdate lastneverart_date firststart_date lastonart_date laststartstop_date neg_date*) nogen

FIRSTART_DATE: First date on ART (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2561

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

First date on ART

Imputation and derivation

DERIVATION

variable: firststart_date (table[s]: hivart_kps_known_all)

```
merge m:1 ident using ${hivdata}\hivart_kps_known_all, keep(master match) keepusing(firstshivposdate lastneverart_date
firststart_date lastonart_date laststartstop_date neg_date*) nogen
```

■ LASTONART_DATE: Last date known on ART (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 2561

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Last date known on ART

Imputation and derivation

DERIVATION

variable: lastonart_date (table[s]: hivart_kps_known_all)

```
merge m:1 ident using ${hivdata}\hivart_kps_known_all, keep(master match) keepusing(firstshivposdate lastneverart_date
firststart_date lastonart_date laststartstop_date neg_date*) nogen
```

■ LASTARTSTOP_DATE: ART stop date (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1155

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

ART stop date

Imputation and derivation

DERIVATION

variable: lastartstop_date (table[s]: hivart_kps_known_all)

merge m:1 ident using \${hivdata}\hivart_kps_known_all, keep(master match) keepusing(firstshivposdate lastneverart_date firststart_date lastonart_date lastartstop_date neg_date*) nogen

HIVSTATUS: HIV status at interview date (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 8952 Invalid: 3959

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

HIV status at interview date

CATEGORIES

Value	Category	Cases	
0	Negative	4735	52.9%
1	Positive	4217	47.1%
Sysmiss		3959	

Imputation and derivation

DERIVATION

variable: intdate [interview date] (table[s]: tb_tbx, tb_tbxto2007, tbold_tbxpart1/2, tb_tbo, tb_tboto2007, tbold_control)

variable: firstshivposdate [first HIV positive test date] (table[s]: hivart_kps_known_all)

variable: neg_date* [HIV negative date(s)] (table[s]: hivart_kps_known_all)

<Create using HIV test dates: assign someone as negative if any neg report was up to 3 years before and 1 month after interview date and as positive if first pos report was any time before and up to a year after interview>

gen datehiv=intdate

replace datehiv=starteps if starteps~=.

merge m:1 ident using \${hivdata}\hivart_kps_known_all, keep(master match) keepusing(firstshivposdate lastneverart_date

firststart_date lastonart_date lastartstop_date neg_date*) nogen

gen hivstatus=.

gen nearestshivnegdate=.

lookfor neg_date

foreach neg_date in `r(varlist)' {

replace nearestshivnegdate=`neg\_date' if datehiv-`neg_date'<=(365.25*3) & datehiv-`neg\_date'>=-31 & `neg_date'~=.

```

replace hivstatus=0 if datehiv-`neg_date'<=(365.25*3) & datehiv-`neg_date'>=-31 & `neg_date'~= .
}
replace hivstatus=1 if datehiv>=firsthivposdate-365.25
la val hivstatus np

```

ARTSTATUS: ART status at interview date (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1304 Invalid: 11607
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

Questions and instructions

LITERAL QUESTION

ART status at interview date

CATEGORIES

Value	Category	Cases	
0	Not on ART	18	1.4%
1	On ART	1286	98.6%
Sysmiss		11607	

Imputation and derivation

DERIVATION

variable: intdate [interview date] (table[s]: tb_tbx, tb_tbxto2007, tbold_tbxpart1/2, tb_tbo, tb_tbotto2007, tbold_control)
 variable: lastneverart_date [last known never on ART date] (table[s]: hivart_kps_known_all)
 variable: firststart_date [first ART date] (table[s]: hivart_kps_known_all)
 variable: hivstatus [HIV status] (table[s]: derived variable)

<Created using ART dates: assign HIV positive people as not on ART if last known not on ART date was up to 2 years before and 1 month after interview date and as on ART if first ART start date was any time before, and last known on ART date was up to 2 years before interview date>

```
gen artstatus=0 if datehiv-lastneverart_date<=(365.25*2) & datehiv-lastneverart_date>=-31 & hivstatus==1
```

```
replace artstatus=1 if firststart_date<=datehiv & datehiv-lastonart_date<=(365.25*2) & hivstatus==1
```

```
la def art 0 "Not on ART" 1 "On ART", modify
```

```
la val artstatus art
```

ARVMTHS: Months on ART at interview date (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 1286 Invalid: 11625
 Type: Continuous Decimal: 0 Width: 16 Range: 0 - 173.377044677734 Format: Numeric

Questions and instructions

LITERAL QUESTION

Months on ART at interview date

Imputation and derivation

DERIVATION

variable: intdate [interview date] (table[s]: tb_tbx, tb_tbxto2007, tbold_tbxpart1/2, tb_tbo, tb_tbxto2007, tbold_control)

variable: firststart_date [first ART date] (table[s]: hivart_kps_known_all)

variable: artstatus [ART status] (table[s]: derived variable)

gen arvmths=int(datehiv-firststart_date)/30.5 if artstatus==1

OUTCOME: Outcome

Data file: combined_tb_cases_controls_final

Overview

Valid: 8962 Invalid: 3949

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Outcome

CATEGORIES

Value	Category	Cases	
1	Treatment completed	5440	60.7%
2	Died	2159	24.1%
3	Transferred out	360	4%
4	Failure	149	1.7%
5	Lost/defaulted	777	8.7%
8	Unknown	45	0.5%
9	Missing	32	0.4%
Sysmiss		3949	

OUTCOMDATE: Date of outcome

Data file: combined_tb_cases_controls_final

Overview

Valid: 8885

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date of outcome

OUTCOMDATEX: if outcomdate is estimated

Data file: combined_tb_cases_controls_final

Overview

Valid: 3230 Invalid: 9681

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

if outcomdate is estimated

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	3175	98.3%
3	Month unknown	0	0%
4	Day and month unknown	55	1.7%
8	Not known at all	0	0%
9	Missing	0	0%
Sysmiss		9681	

TCARDSEEN: Treatment card seen?

Data file: combined_tb_cases_controls_final

Overview

Valid: 869 Invalid: 12042

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Treatment card seen?

CATEGORIES

Value	Category	Cases	
0	No	77	8.9%
1	Yes	792	91.1%

8	Unknown	0	0%
9	Missing	0	0%
Sysmiss		12042	

DEATHLATER: Date of death (If later than date of outcome)**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 375

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date of death (If later than date of outcome)

DEATHLATERX: if deathlater is estimated**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 168 Invalid: 12743

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

if deathlater is estimated

CATEGORIES

Value	Category	Cases	
1	Full date known	0	0%
2	Day unknown	126	75%
3	Month unknown	0	0%
4	Day and month unknown	42	25%
8	Not known at all	0	0%
9	Missing	0	0%
Sysmiss		12743	

LASTFUDATE: Last date person observed (D)**Data file:** combined_tb_cases_controls_final

Overview

Valid: 12911

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Last date person observed

Imputation and derivation

DERIVATION

```
variable: dthlftyy [year of death or departure] (table[s]: indices)
variable: outcomdate [outcome date] (table[s]: tbfu_stata)
variable: adl [status: alive/dead/left] (table[s]: indices, tbfu_stata, tb_tbfu)
variable: intdate [date of interview] (table[s]: indices)
variable: dthdate [date of death] (table[s]: tb_tbfu)
variable: leftdate [date of departure] (table[s]: tb_tbfu)
variable: alivedate [date last known alive] (table[s]: tb_tbfu)
```

<the follow up data is created separately:>

```
use ${newstata}\indices, clear
recode dthlftyy 0/1900=. 9999=.
gen outcomdate=mdy(6,15,dthlftyy)
drop crsno
append using ${newstata}\tbfu_stata
gen dthdate=outcomdate if adl==2 //2=died
gen leftdate=outcomdate if adl==3 //3=left
append using ${newstata}\tb_tbfu
drop if adl==8 //8=unknown
replace intdate=. if dthdate==. | leftdate==. | alivedate==.
egen lastdate=rowmax(intdate dthdate leftdate alivedate)
bys ident: egen lastfudate=max(lastdate)
gen lastadl=adl if lastdate==lastfudate
bys ident: egen lastfuoutcome=max(lastadl)
la val lastfuoutcome adl
keep ident lastfudate lastfuoutcome
format %td lastfudate
duplicates drop
save ${tempfiles}\fu_dates, replace
<then merged into the main data file:>
merge m:1 ident using ${tempfiles}\fu_dates, keep(master match) nogen
```

LASTFUOUTCOME: Last known outcome of person (D)

Data file: combined_tb_cases_controls_final

Overview

Valid: 12911 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

Last known outcome of person

CATEGORIES

Value	Category	Cases	
1	Alive	8620	66.8%
2	Dead	3436	26.6%
3	Left	855	6.6%
4	Missed	0	0%
8	Unknown	0	0%
9	Missing	0	0%

Imputation and derivation

DERIVATION

variable: adl [status: alive/dead/left] (table[s]: indices, tbfu_stata, tb_tbfu)

```
<the follow up data is created separately:>
use ${newstata}\indices, clear
recode dthlfty 0/1900=. 9999=.
gen outcomdate=mdy(6,15,dthlfty)
drop crsno
append using ${newstata}\tbfu_stata
gen dthdate=outcomdate if adl==2 //2=died
gen leftdate=outcomdate if adl==3 //3=left
append using ${newstata}\tb_tbfu
drop if adl==8 //8=unknown
replace intdate=. if dthdate~=. | leftdate~=. | alivedate~=.
egen lastdate=rowmax(intdate dthdate leftdate alivedate)
bys ident: egen lastfudate=max(lastdate)
gen lastadl=adl if lastdate==lastfudate
bys ident: egen lastfuoutcome=max(lastadl)
la val lastfuoutcome adl
keep ident lastfudate lastfuoutcome
format %td lastfudate
duplicates drop
save ${tempfiles}\fu_dates, replace
<then merged into the main data file:>
merge m:1 ident using ${tempfiles}\fu_dates, keep(master match) nogen
```

NEWRES: Transfer to where

Data file: combined_tb_cases_controls_final

Overview

Valid: 492 Invalid: 0
Type: Discrete Width: 4 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Transfer to where

OUTDATE: Date outcome form filled**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 6052

Type: Discrete Width: 10 Range: - Format: character

Questions and instructions

LITERAL QUESTION

Date outcome form filled

NOINFO: No info - pt died or transferred**Data file:** combined_tb_cases_controls_final**Overview**

Valid: 4084 Invalid: 8827

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

Questions and instructions

LITERAL QUESTION

No info - pt died or transferred

CATEGORIES

Value	Category	Cases	
0	No	3806	93.2%
1	Yes	278	6.8%
8	Unknown	0	0%
9	Missing	0	
Sysmiss		8827	