

**Regression Data Codebook**

Variable Name	Variable type	Question	Response value	Missing
name_rhf	numeric	Rural health facility referring the patient	(1) Belefinai; (2) Botota; (3) Fenutoli ; (4) Foequelleh; (5) Garmue; (6) Gbalatuah; (7) Gbartala; (8) Gbecohn; (9) Gbonota; (10) Janyea; (11) Naama; (12)Palala; (13)Rockcrusher; (14)Salala; (15)Samay; (16)Sanoyea; (17)Totota; (18) Zeansue; (19) Zoweinta; (20) Mano Wainsue	.
referral_hosp	numeric	Referral hospital receiving the patient	(1) CB Dunbar; (2) Phebe	.
rrf_fd	numeric	Reason for referral	(1) Fetal distress; (2) no	.
rrf_hmg	numeric	Reason for referral	(1) Hemorrhage; (0) no	.
rrf_ml	numeric	Reason for referral	(1) Malaria; (0) no	.
rrf_mg	numeric	Reason for referral	(1) Multiple gestation; (0) no	.
rrf_obl	numeric	Reason for referral	(1) Obstructed labor;(0) no	.
rrf_oth	numeric	Reason for referral	(1) Other; (0) no	.
rrf_ecl	numeric	Reason for referral	(1) Pre-eclampsia and eclampsia; (0) no	.
rrf_pcs	numeric	Reason for referral	(1) Previous cs; (0) no	.
delivery_type	numeric	Mode of delivery	(1) Caesarean section; (2) Spontaneous vaginal delivery; (3) Vacuum delivery	.
maternal_outcome	numeric	Maternal outcome	(1) Postpartum hemorrhage;(2) expired;(3) ruptured uterus;	.
newborn_outcome	numeric	Newborn outcome	(1) Stillbirth; (2) cord prolapse; (3) non-vigorous; (4) preterm	.
travel_hoursF	numeric	How long did the patient take from the moment of leaving the rural health facility to arriving to the hospital?	Continuous number	.
line	numeric	Baseline or endline data	(0) baseline (1) endline	.
_merge	numeric	rural health facility and hospital data merged?	(1) Data from rural health facility only; (2) data from hospital only; (3) data from both rural health facility and hospital and merged successfully	.
no_iufd	numeric	Newborn outcome: intrauterine fetal death?	(0) no; (1) yes	.

no_cordprol	numeric	Newborn outcome: cord prolapse?	(0) no; (1) yes	.
no_depressed	numeric	Newborn outcome: depressed (from rigor mortis), symptoms?	(0) no; (1) yes	.
no_pretern	numeric	Newborn outcome: preterm?	(0) no; (1) yes	.
mo_pph	numeric	Maternal outcome: postpartum hemorrhage?	(0) no; (1) yes	.
mo_expired	numeric	Maternal outcome: expired/dead?	(0) no; (1) yes	.
mo_ruptut	numeric	Maternal outcome: ruptured uterus?	(0) no; (1) yes	.
dt_cs	numeric	Delivery type: caesarean section?	(0) no; (1) yes	.
dt_svd	numeric	Delivery type: spontaneous c-section?	(0) no; (1) yes	.
dt_vacuum	numeric	Delivery type: vacuum delivery?	(0) no; (1) yes	.
maternal_outcome_n	numeric	Delivery type	(1) postpartum hemorrhage; (2) expired; (3) ruptured uterus	.
rrf_fd_n	numeric	Reason for referral: fetal distress	(0) no; (1) yes	.
rrf_hmg_n	numeric	Reason for referral: hemorrhage	(0) no; (1) yes	.
rrf_ml_n	numeric	Reason for referral: malaria	(0) no; (1) yes	.
rrf_mg_n	numeric	Reason for referral: multiple gestation	(0) no; (1) yes	.
rrf_obl_n	numeric	Reason for referral: obstructed labor	(0) no; (1) yes	.
rrf_oth_n	numeric	Reason for referral: other	(0) no; (1) yes	.
rrf_ecl_n	numeric	Reason for referral: pre-eclampsia and eclampsia	(0) no; (1) yes	.
rrf_pcs_n	numeric	Reason for referral: previous c-section	(0) no; (1) yes	.
rrf_cat_all	numeric	Reason for referrals	(1) fetal distress; (2) hemorrhage; (3) malaria; (4) multiple gestation; (5) obstructed labor; (6) other; (7) pre-eclampsia and eclampsia; (8) previous c-section	.
rrf_cat_all_OLS	numeric	Reason for referrals (collapsed to control for)	(1) hemorrhage (2) obstructed labor; (3) pre-eclampsia and eclampsia; (4) previous c-section; (5) fetal distress, malaria, multiple gestation, other	.
travel_hoursF_cat_m	numeric	How long did the patient take from the moment of leaving the rural health facility to arriving to the hospital?	(1) 2 hours or less (2) between 2-12 hours (3) more than 12 hours	.
travel_hoursF_cat	numeric	How long did the patient take from the moment of leaving the rural health facility to arriving to the hospital?	(0) 2 hours or less (1) more than 2 hours.	.

travel_hoursF_cat12	numeric	How long did the patient take from the moment of leaving the rural health facility to arriving to the hospital?	(0) less than 12 hours (1) 12 hours or more	.
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