Table S1: Explanatory variables categorization and coding

Variables	Category coding
Maternal age at delivery	1. <=18
	2. 19-34
	3. >=35
Place of residence	1. urban
	2. rural
Regions	1. Tigray
	2. Afar
	3. Amhara
	4. Oromia
	5. Somali
	6. Benishangul-Gumuz
	7. SNNPR
	8. Gambela
	9. Harari
	10. Addis Ababa
	11. Dire Dawa
Antenatal care visits	0. No visit
	1. 1-4 visits
	2. >4 visits
Place of delivery	0. home
	1. health facility

2. poorer 3. middle 4. richer 5. richest  Maternal education 0. no formal education 1. primary 2. secondary 3. higher  Sex of child 1. male 2. female  Cesarean section delivery 0. No 1. Yes  Employment status 0. Not employed 1. Employed 1. Employed Marital status 1. Never in union 2. Currently in union 3. Formerly in union 1. Small 2. Normal (average or above average)  Parity 1. First birth 2. Second birth or above  Childbirth attendant	Wealth index quintile	1. poorest
4. richer 5. richest  Maternal education 0. no formal education 1. primary 2. secondary 3. higher  Sex of child 1. male 2. female  Cesarean section delivery 0. No 1. Yes  Employment status 0. Not employed 1. Employed 1. Employed Marital status 1. Never in union 2. Currently in union 3. Formerly in union 4. Small 2. Normal (average or above average)  Parity 1. First birth 2. Second birth or above		2. poorer
5. richest  Maternal education  0. no formal education  1. primary  2. secondary  3. higher  Sex of child  1. male  2. female  Cesarean section delivery  0. No  1. Yes  Employment status  0. Not employed  1. Employed  Marital status  1. Never in union  2. Currently in union  3. Formerly in union  Perceived baby size at birth  1. Small  2. Normal (average or above average)  Parity  1. First birth  2. Second birth or above		3. middle
Maternal education  1. primary 2. secondary 3. higher  Sex of child 1. male 2. female  Cesarean section delivery 0. No 1. Yes  Employment status 0. Not employed 1. Employed  Marital status 1. Never in union 2. Currently in union 3. Formerly in union 4. Small 5. Normal (average or above average)  Parity 1. First birth 5. Second birth or above		4. richer
1. primary 2. secondary 3. higher  Sex of child 1. male 2. female  Cesarean section delivery 0. No 1. Yes  Employment status 0. Not employed 1. Employed  Marital status 1. Never in union 2. Currently in union 3. Formerly in union 1. Small 2. Normal (average or above average)  Parity 1. First birth 2. Second birth or above		5. richest
2. secondary 3. higher  Sex of child 1. male 2. female  Cesarean section delivery 0. No 1. Yes  Employment status 0. Not employed 1. Employed  Marital status 1. Never in union 2. Currently in union 3. Formerly in union 1. Small 2. Normal (average or above average)  Parity 1. First birth 2. Second birth or above	Maternal education	0. no formal education
3. higher  Sex of child 1. male 2. female  Cesarean section delivery 0. No 1. Yes  Employment status 0. Not employed 1. Employed  Marital status 1. Never in union 2. Currently in union 3. Formerly in union 1. Small 2. Normal (average or above average)  Parity 1. First birth 2. Second birth or above		1. primary
Sex of child  1. male 2. female  Cesarean section delivery  0. No 1. Yes  Employment status  0. Not employed 1. Employed  I. Never in union 2. Currently in union 3. Formerly in union 1. Small 2. Normal (average or above average)  Parity  1. First birth 2. Second birth or above		2. secondary
Cesarean section delivery  0. No 1. Yes  Employment status  0. Not employed 1. Employed  1. Never in union 2. Currently in union 3. Formerly in union  Perceived baby size at birth  1. Small 2. Normal (average or above average)  Parity  1. First birth 2. Second birth or above		3. higher
Cesarean section delivery  0. No 1. Yes  Employment status  0. Not employed 1. Employed  1. Never in union 2. Currently in union 3. Formerly in union  Perceived baby size at birth  1. Small 2. Normal (average or above average)  Parity  1. First birth 2. Second birth or above	Sex of child	1. male
Employment status  0. Not employed  1. Employed  1. Never in union  2. Currently in union  3. Formerly in union  1. Small  2. Normal (average or above average)  Parity  1. First birth  2. Second birth or above		2. female
Employment status  0. Not employed  1. Employed  1. Never in union  2. Currently in union  3. Formerly in union  1. Small  2. Normal (average or above average)  Parity  1. First birth  2. Second birth or above	Cesarean section delivery	0. No
Marital status  1. Never in union 2. Currently in union 3. Formerly in union  Perceived baby size at birth 1. Small 2. Normal (average or above average)  Parity 1. First birth 2. Second birth or above		1. Yes
Marital status  1. Never in union 2. Currently in union 3. Formerly in union  Perceived baby size at birth  1. Small 2. Normal (average or above average)  Parity  1. First birth 2. Second birth or above	Employment status	0. Not employed
2. Currently in union 3. Formerly in union  Perceived baby size at birth 1. Small 2. Normal (average or above average)  Parity 1. First birth 2. Second birth or above		1. Employed
Perceived baby size at birth  1. Small 2. Normal (average or above average)  Parity  1. First birth 2. Second birth or above	Marital status	1. Never in union
Perceived baby size at birth  1. Small  2. Normal (average or above average)  Parity  1. First birth  2. Second birth or above		2. Currently in union
2. Normal (average or above average)  Parity  1. First birth  2. Second birth or above		3. Formerly in union
Parity 1. First birth 2. Second birth or above	Perceived baby size at birth	1. Small
2. Second birth or above		2. Normal (average or above average)
	Parity	1. First birth
Childbirth attendant 1. Non-skilled attendant		2. Second birth or above
	Childbirth attendant	1. Non-skilled attendant

	2. Skilled attendant
	3. No attendant