

Table 1. SPNeoDeath dataset data dictionary

<i>Variable name</i>	<i>Description</i>	<i>Data domain</i>
<i>Demographic and socioeconomic variables</i>		
maternal_age	Mother's age	Quantitative Continuous (integer) [10..63]
tp_maternal_skin_color	Mother's race/skin color	Categorical Nominal (integer) 1 -White; 2 -Black; 3 - Yellow; 4 – Brown Skin; 5 - Indigenous.
tp_marital_status	Mother's marital status	Categorical Nominal (integer) 1 - Single; 2 -Married; 3 - Widow; 4 – Judicially separated/divorced; 5 - Common-law marriage; 9 - Ignored.
tp_maternal_education_years	Mother's years of schooling	Categorical Nominal (integer) 1 - None; 2 – from 1 to 3 years; 3 – from 4 to 7 years; 4 – from 8 to 11 years; 5 - 12 and more; 9 - Ignored.
<i>Maternal obstetrics variables</i>		
num_live_births	Number of live births	Quantitative Continuous (integer) [0..18]
num_fetal_losses	Number of fetal losses	Quantitative Continuous (integer) [0..19]
num_gestations	Number of previous gestations	Quantitative Continuous (integer) [0..39]
num_normal_labors	Number of normal deliveries (labors)	Quantitative Continuous (integer) [0..41]
num_cesarean_labors	Number of cesarean deliveries (labors)	Quantitative Continuous (integer) [0..41]
tp_pregnancy	Type of pregnancy	Categorical Nominal (integer) 1 - Singleton; 2 - Twin ; 3 - Triplet or more; 9 - Ignored.
<i>Previous care related variables</i>		
tp_labor	Child-birth type (labor type)	Categorical Nominal (integer) 1 - Vaginal; 2 - Cesarean;
tp_prenatal_appointments	Number of prenatal appointments by ranges	Categorical Ordinal (integer) 1 - None; 2 - from 1 to 3; 3 - from 4 to 6; 4 - 7 and more; 9 - Ignored.
cd_robson_group	Robson group classification	Categorical Ordinal (integer) [1..10]
<i>Newborn related variables</i>		

tp_presentation_newborn	Newborn presentation type	Categorical Nominal (integer) 1 - Cephalic; 2 – Pelvic or breech ; 3 - Transverse; 9 - Ignored.
has_congenital_malformation	Presence of congenital malformation	Categorical Nominal (integer) 1 - Yes; 2 - No; 9 - Ignored
newborn_weight	Birth weight in grams	Quantitative Continuous (integer) [10..63]
cd_apgar1	1-minute Apgar score	Categorical Ordinal (integer)[0..10]
cd_apgar5	5-minute Apgar score	Categorical Ordinal (integer) [0..10]
num_gestational_weeks	Week of gestation (by ranges)	Categorical Ordinal (integer) [15..46]
tp_birth_place	Birth place	Categorical Nominal (integer) 1 - Hospital; 2 – Other health facilities; 3 – Home birth; 4 - Others.
tp_childbirth_assistance	Childbirth care	Categorical Nominal (integer) 1 - Doctor; 2 – nurse or obstetrician; 3 - Midwife; 4 - others; 9 - Ignored.
p_fill_form_responsible	Main worker role	Categorical Nominal (integer) 1 - Doctor; 2 - Nurse; 3 - Midwife; 4 – Registry Office employee; 5 - Others.
tp_pregnancy_duration	Gestational weeks by ranges	Categorical Ordinal (integer) 1 -Less than 22 weeks; 2 - 22 to 27 weeks; 3 - 28 to 31 weeks; 4 – 32 to 36 weeks; 5 - 37 to 41 weeks; 6 - 42 weeks and more; 9 - Ignored
neonatal_death	Death before 28 days (label)	Categorical Nominal (integer) 0 - survivor; 1 - dead.