Statstutor community project
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stcp-dataset-birthweight_des

Birthweight reduced data set

This dataset contains information on new born babies and their parents. It contains mostly continuous variables (although some have only a few values e.g. number of cigarettes smoked per day) and is most useful for correlation and regression. The birthweights of the babies who mothers smoked have been adjusted slightly to exaggerate the differences between mothers who smoked and didn't smoke so students can see the difference more clearly in a scatterplot with gestational age and scatter colour coded by smoking status.

Main dependent variable = Birthweight (kg)

Name	Variable	Data type
ID	Baby number	
length	Length of baby (cm)	Scale
Birthweight	Weight of baby (kg)	Scale
headcirumference	Head Circumference	Scale
Gestation	Gestation (weeks)	Scale
smoker	Mother smokes 1 = smoker 0 = non-smoker	Binary
motherage	Maternal age	Scale
mnocig	Number of cigarettes smoked per day by mother	Scale
mheight	Mothers height (cm)	Scale
mppwt	Mothers pre-pregnancy weight (kg)	Scale
fage	Father's age	Scale
fedyrs	Father's years in education	Scale
fnocig	Number of cigarettes smoked per day by father	Scale
fheight	Father's height (cm)	Scale
lowbwt	Low birth weight, 0 = No and 1 = yes	Binary
mage35	Mother over 35, 0 = No and 1 = yes	Binary