Plasma data

Description

This datafile contains 315 observations on 14 variables. This data set can be used to demonstrate multiple regression, transformations, categorical variables, outliers, pooled tests of significance and model building strategies.

Variable Names

In order from left to right:

Variable	Explanation (Unit)
age	Age (years)
sex	Sex (1=Male, 2=Female).
smokstat	Smoking status (1=Never, 2=Former, 3=Current Smoker)
quetelet	Quetelet (weight/(height2))
vituse	Vitamin Use (1=Yes, 2=Sometimes, 3=No)
calories	Number of calories consumed per day.
fat	Grams of fat consumed per day.
fiber	Grams of fiber consumed per day.
alcohol	Number of alcoholic drinks consumed per week.
cholesterol	Cholesterol consumed (mg per day).
betadiet	Dietary beta-carotene consumed (mcg per day).
retdiet	Dietary retinol consumed (mcg per day)
betaplasma	Plasma beta-carotene (ng/ml)
retplasma	Plasma Retinol (ng/ml)