Applied Statistical Analysis with Missing Data
Exercise 6

Multiple Imputation based analysis of birth weight data

In the homework exercises you analyzed the relation between birth weight and smoking in four different datasets. We will now repeat the analyses, but based on multiple imputation.

Q1: First build a prediction model for imputing the missing values (if any), and use -mi impute- to conduct the imputation.

Q2: Use -mi estimate- to obtain estimates that can be compared with your complete case analysis.

Q3: Compare your results to those obtained before the course.