**Chapter 12 Dataset Codebook**

# Dataset: CORR\_HBA1C

This dataset is a random sample of 15 adult participants from the Center for Outpatient Health study, who had no missing values for A1c and weight.

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| **Variable** | **Values** | **Notes** |
| ID | Numeric | COH subject ID |
| HbA1c | Numeric | Average blood glucose level |
| Weight | Numeric | Subject’s weight in pounds  For this variable, the floor was taken of the original weight\_lb variable to simplify the hand calculations. |

# Dataset: FAMILYPLANNING

This dataset is from the World Health Organization’s Global Health Observatory. The data includes demand for family planning satisfied, which is the percent of women of reproductive age who are sexually active and who have their need for family planning satisfied with modern methods, and total fertility rate per woman, which is the number of children who would be born per woman during her childbearing years if she kept to a schedule of age-specific fertility rates. There are 13 countries in the dataset, and only the values for the rural areas of those nations.

Sources:

World Health Organization (WHO). Demand for family planning satisfied (%). Global Health Observatory Data Repository. http://apps.who.int/gho/data/view.main.94330. Published 2015.

World Health Organization (WHO). Total fertility rate (per woman). Global Health Observatory Data Repository. http://apps.who.int/gho/data/node.main.HE-1548?lang=en. Published 2015.

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| **Variable** | **Values** | **Notes** |
| Country | Character | Country name |
| familyplan | Numeric – 0-100% | Demand for family planning satisfied (%) |
| fertilityrate | Numeric | Total fertility rate per woman |

# Dataset: BIOCHEM

This dataset is from the 2014 National Health and Nutrition Examination Survey (NHANES). A random sample was taken of participants who had completed the biochemistry profile portion of the survey. The dataset contains information from 250 participants.

Source:

Centers for Disease Control and Prevention (CDC) National Center for Health Statistics (NCHS). *National Health and Nutrition Examination Survey*. Hyattsville, MD; 2012. <http://wwwn.cdc.gov/nchs/nhanes/search/nhanes11_12.aspx>.

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| **Variable** | **Values** | **Notes** |
| Seqn | Character | Respondent ID |
| albumin | Numeric | Measured in g/dL |
| creatinine | Numeric | Measured in mg/dL |

# Dataset: CORR\_DTP3

This dataset is from the World Health Organization’s Global Health Observatory’s section on childhood health. Data include the diphtheria tetanus toxoid and pertussis (DTP3) immunization coverage and under-5 years mortality rate for each of the 194 countries in the dataset.

Sources:

World Health Organization (WHO). Number of under-five deaths (thousands). Global Health Observatory Data Repository. http://apps.who.int/gho/data/node.main.ChildMort-1?lang=en. Published 2015.

World Health Organization (WHO). Diptheria tetanus toxoid and pertussis (DTP3). Global Health Observatory Data Repository. http://apps.who.int/gho/data/view.main.80200. Published 2015.

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| **Variable** | **Values** | **Notes** |
| Country | Character | Country name |
| dtp3 | Numeric – 0-100% | Diphtheria tetanus toxoid and pertussis (DTP3) immunization coverage among 1-year-olds (%) |
| under5\_mortality | Numeric | Probability of dying by age 5 (per 1,000 live births) |

# Dataset: SODA\_PA

This dataset is from the CDC’s state summaries of Youth Risk Behavior Surveillance System. Data is available from 42 states.

Source:

Centers for Disease Control and Prevention (CDC). *Youth Risk Behavior Survey Questionnaire*.; 2013. www.cdc.gov/yrbs.

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| **Variable** | **Values** | **Notes** |
| State | Character | State name |
| dranksoda | Numeric | % of students who drank regular soda at least one time per day |
| tv\_3hours | Numeric | % of students watching 3+ hours of TV/school day |
| daily\_pe | Numeric | % of students who participate in daily physical education |