Summary of Data Sets for Missing Data Workshop

Academic Achievement Data (data\_AcadAchiev.csv)

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| --- | --- | --- |
|  |  |  |
| Variable | **Possible Values** | **Brief Description** |
|  |  |  |
|  |  |  |
| *ID* | 1-382 | A unique identification number |
| *Math01* | 0-20 | First trimester Math score |
| *Math02* | 0-20 | Second trimester Math score |
| *Math03* | 0-20 | Third trimester Math score |
| *Portu01* | 0-20 | First trimester Portuguese score |
| *Portu02* | 0-20 | Second trimester Portuguese score |
| *Portu03* | 0-20 | Third trimester Portuguese score |
| *Sex* | ‘F’ or ‘M’ | Sex assigned at birth |
| *‘Rel\_status* | ‘no’ or ‘yes’ | Romantic relationship status |
| *Guardian* | ‘mother’, ‘father’, ‘other’ | Student’s primary care-taker |
| *Reason* | ‘home’, ‘reputation’, ‘course’, ‘other’ | Reason the student attends this school |
|  |  |  |

Salary Data (data\_salary.csv)

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Variable | **Possible Values** | **Brief Description** |
|  |  |  |
|  |  |  |
| *salary* | Positive numbers | Annual Salary |
| *no\_of\_pubs* | Positive integers | Number of publications |
| *years\_job* | Positive integers | Number of years on the job |
| *age* | Positive numbers | Participant’s age (in years) |
| *BioSex* | ‘M’ and ‘F’ | Biological Sex assigned at Birth |
| *Dept* | ‘Psyc’, ‘Soc’, ‘Econ’ | Participant’s department; Psychology, Sociology, or Economics |
|  |  |  |

***Data set name***: salary\_data.csv

***Description***: The data set ‘salary\_data.csv’ contains information on a random sample of 100 faculty members from different departments, and at different universities, within California. Each row within the data set is a different faculty member, and the variables within the ‘salary\_data.csv’ are summarized within Table 3.

***Outcome Variable for Project****:* salary

Table 3. Variables within salary\_data.csv

|  |  |  |
| --- | --- | --- |
|  |  |  |
| *Variable* | *Type* | *Description* |
|  |  |  |
|  |  |  |
| salary | continunous | The faculty member’s annual salary from 2014 |
| no\_of\_pubs | continuous | The faculty member’s average number of publications per year |
| years\_job | continuous | The number of years the faculty member has been a faculty member |
| Female | categorical | 0 = male  1 = female |
| Department | categorical | 1 = Psychology  2 = Sociology  3 = Economics |
| Age | continuous | The faculty member’s age in years |
| salary\_2 | continuous | The faculty member’s annual salary from 2015 |
|  |  |  |