**Ice Cream data set**

This page shows an example of a multinomial logistic regression analysis with footnotes explaining the output. The data were collected on 200 high school students and are scores on various tests, including a video game and a puzzle. The outcome measure in this analysis is the student’s favorite flavor of ice cream – vanilla, chocolate or strawberry- from which we are going to see what relationships exists with video game scores (**video**), puzzle scores (**puzzle**) and gender (**female**).

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| **Variable name** | **Variable** |  |
| **Id** | Identity of the student |  |
| **female** | Gender (0: Male, 1:Female) |  |
| **ice\_cream** | Favorite Flavor (1: Vanilla, 2: Chocolate, 3: Strawberry) |  |
| **video** | Score on the video game |  |
| **puzzle** | Score on the puzzle |  |