Chapter 2

# Try It Yourself: Create a Categorical Variable from a Quantitative Variable

## StatCrunch Instructions

Create a new variable for categorized GPA:

1. Open the vote data in StatCrunch
2. Data → Compute → Expression
3. Enter the following in the Expression text box:

*ifelse(gpa >= 3 and gpa <= 4, "high", ifelse(gpa >= 2 and gpa < 3, "low", ""))*

1. Enter “*gpa* \_cat” in the Column label text box
2. Click Compute!

Count the number of high and low GPAs:

1. Stat → Tables → Frequency
2. Select Columns → *gpa* \_cat
3. Statistics → Frequency
4. Click Compute!