Chapter 2

# Try It Yourself: Impute Missing Values from Internal Data

## StatCrunch Instructions

1. Open the vote data in StatCrunch
2. Stat → Summary Stats → Columns
3. Columns → gpa
4. Statistics → Mean and Median.
5. Click Compute!
6. These statistics will appear in a summary statistics table. Write them down, or copy them into empty cells. You’ll need them later on.

Perform mean imputation:

1. First, note the mean gpa value obtained from the previous step
2. Click on the Data tab
3. Choose Compute → Expression.
4. Enter the following in the expression box:

*ifelse(isnull(gpa),2.98,gpa)*

1. Name the new column 'imputed\_gpa'
2. Click Compute!

Calculate mean and median after imputation:

1. Choose Stat → Summary Stats → Columns
2. Select the new imputed\_gpa column
3. Statistics → Mean and Median
4. Click Compute!