Chapter 7

# Try It Yourself: Evaluate a Hypothesis

## StatCrunch Instructions

1. Open the school data in StatCrunch.
2. Data → Compute → Expression
3. In the expression box, enter following expression:

count(avg\_course\_difficulty)

1. Click Compute!
   1. The result will be stored in a new column called “count(avg\_course\_difficulty)”
2. Data → Compute → From Column
3. Select column → “AvgCourseDifficulty”
4. In the “Where:” box, enter the following expression:

avg\_course\_difficulty >= 3

1. Click Compute!
   1. The result will be stored in a new column called “Calc(avg\_course\_difficulty)”
2. Go to Data → Compute → Expression
3. In the expression box, enter:

count(“Calc(avg\_course\_difficulty)”)

1. Click Compute!
   1. The result will be stored in a new column called “count(Calc(avg\_course\_difficulty))”
2. Divide the value under “count(Calc(avg\_course\_difficulty))” by the value under “count(avg\_course\_difficulty)”

Question 3 cannot be addressed easily in StatCrunch.