

## Practice: Creating a Binning Formula

Use the **Measles.jmp** file to create a binning formula.

1. Open the file **Measles.jmp**, and create a new column, **Vaccine Binned**. Create a conditional IF-THEN formula to bin all of the data before 1963 into a "Before" time period and all of the other data into an "After" time period. Create a distribution of **Year** and **Vaccine Binned** to check your work.

To create the formula, select the **Conditional Function** group, and then select the **If** function. Select **Year** as the expression, and from the Comparison Function group, select **a < b**. Enter the year **1963**, and then enter **"Before"** as the THEN clause. For the second THEN clause, enter **"After"**. Look at the formula in Vaccine B4/After to check your work. Note that the quotation marks are required in the THEN clauses.

2. How many observations fall into each time period?

There are 1712 observations in the "Before" period and 2499 in the "After" period.

Hide Solution

---

*Statistical Thinking for Industrial Problem Solving*

Copyright © 2020 SAS Institute Inc., Cary, NC, USA. All rights reserved.

Close