



How To Code A Text Variable Taking Into Account The Response To Another Variable

Problem

You wish to code a **Text** variable into a **Categorical** variable. However, the rule that assigns a response to a category depends on the response to another variable.

For example, suppose you have a rating variable that is **Numeric** and a **Text** variable containing the respondent's reason for providing the rating. You wish to code the **Text** variable according to both the reason and the rating.

Steps to solve

We illustrate the solution using the example of the rating and reason variables given above. In the solution that follows, `Rating` denotes the **Numeric** rating variable and `Reason` denotes the **Text** reason variable. Note that the rating variable could also be **Categorical**.

The key step in the solution is to first create a new **Text** variable that contains both the rating and the reason. In our example, a rating of 2 and a text response of "Poor service" would be "2 Poor service" in the new **Text** variable. This new variable is then coded like any other **Text** variable.

1. Go to the **Variables and Questions** tab
2. Right click on a row number and select **Insert Variable(s) | JavaScript Formula | Text...**
3. In the **Expression** panel, type: `Rating + " " + Reason`
4. Give your new *Text* variable a **Name** and a **Label**
5. Click **OK**
6. Code your new *Text* variable as you would any other *Text* variable.

Additional reading

How To Apply a Set of Existing Code Names to an uncoded Text Question; How To Store a Code Frame For Use in Other Projects; How To Code several Text variables into a Multiple Response- Binary Question; How to Re-apply a Code Frame in a New Project; How to Code a Text Variable.

Terms shown in italics and bold can be found in the index of the *Q Reference Manual*, the *Q Quick Start Manual* and via the **Help** menu within Q.

What to do if the problem is not solved

If these instructions are insufficient, please email us (**Help | Email Support...**) with a detailed description of what in the instructions is not working for you and we will either provide you with more comprehensive instructions, or, upon your request, we can do the analysis for you in your file (fees apply) .