



How To Convert Multiple Response Data From Max-Multi Format To Multiple Response – Binary Format

Problem

You have data for a multiple response question in max-multi format and wish to convert it to **Multiple Response - Binary** format.

Data for a multiple response question is in max-multi format if the number of columns it occupies equals the maximum number of responses given by any respondent. The entries of any column are any number between 1 and the number of categories in the question, or missing.

For example, suppose we have a multiple response question with 10 categories. Suppose also that most respondents chose 5 or fewer categories as their response, but one respondent chose 8 categories. The resulting max-multi data consists of 8 columns with entries that are numbers between 1 and 10 or missing.

Steps to solve

1. Read the data into Q
2. If the *variables* are already grouped together as a **Multiple Response - Categorical** question go to the next step. Otherwise:
 - a. Go to the **Variables and Questions** tab
 - b. Select the *variables* are in max-multi format
 - c. Right click and select **Set Question...**
 - d. Click **Yes** at the warning
 - e. Give the question a **Name** and ensure that **Multiple Response - Categorical** is selected in the **Question Type** menu.
 - f. Click **OK**
3. In the **Variables and Questions** tab, select the *variables* of the **Multiple Response - Categorical** question
4. Right click and select **Insert Ready-Made Formula(s)**
5. Select **Multiple Response - Categorical -> Multiple Response - Binary (by Category)**

A new question is created that contains the multiple response data in **Multiple Response - Binary** format.

Additional reading

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) .