



How To Combine Multiple Two Dimensional Questions

Problem

There is a need to combine multiple similar **Two Dimensional – Binary** or **Two Dimensional – Numeric** questions. For example, it may be that there is a list of brands of brands which are evaluated first on personality attributes then on emotional attributes.

Steps to solve

1. Select all the variables, right-click and select **Set Question** and proceed to set up a **Two Dimensional – Binary** question in the usual way.
2. In the **Variables and Questions** tab, select the **Labels** for all the variables that you wish to combine.
3. Right-click on the selection and select **Copy Labels/Text**.
4. Paste the labels into a worksheet in Excel.
5. In Excel, select **Data** and **Text to Columns** and whatever options are required to split the two dimensions apart. Ensure that you have done what is necessary so that the one of the dimensions (e.g., the attributes) is shown in column **A** and the second is in Column **B**. If this is difficult, it is often faster to type these from scratch.
6. In cell **C1** type `=B1&" - "&A1` and press **OK**.
7. Copy this formula to the bottom of your list. The image shows an example, where the yellow cells are the newly created labels. Note that in this example, it has had the effect of reversing the brands and the attribute in the label.
8. Copy the newly created labels and paste them over the original labels in Q (which should still be selected).
9. Right-click on the new labels and select **Sort By** and **Label**.
10. Select all the variables, right-click and select **Set Question** and proceed to set up a **Two Dimensional – Binary** question in the usual way. If this does not work, it likely means that:
 - a. You made a mistake in Excel.
 - b. The brand lists for the questions differ.

	A	B	C
1	Attribute 1	Brand A	Brand A - Attribute 1
2	Attribute 2	Brand A	Brand A - Attribute 2
3	Attribute 3	Brand A	Brand A - Attribute 3
4	Attribute 4	Brand A	Brand A - Attribute 4
5	Attribute 1	Brand B	Brand B - Attribute 1
6	Attribute 2	Brand B	Brand B - Attribute 2
7	Attribute 3	Brand B	Brand B - Attribute 3
8	Attribute 4	Brand B	Brand B - Attribute 4
9	Attribute 5	Brand A	Brand A - Attribute 5
10	Attribute 6	Brand A	Brand A - Attribute 6
11	Attribute 7	Brand A	Brand A - Attribute 7
12	Attribute 8	Brand A	Brand A - Attribute 8
13	Attribute 5	Brand B	Brand B - Attribute 5
14	Attribute 6	Brand B	Brand B - Attribute 6
15	Attribute 7	Brand B	Brand B - Attribute 7
16	Attribute 8	Brand B	Brand B - Attribute 8

Additional reading

Tutorial: *Setting a Two Dimensional Question*. 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) .