

Activity 1, Part 1

Creating the Electronic Questionnaire

The frame for the electronic questionnaire for Activity 1 is now available for you to add your group's six latent variable items. If possible, please add your items within the next seven days. The electronic questionnaire is a Google Form, and the link is provided below. Let me know if you have any issues using this link or the Google form questionnaire.

https://docs.google.com/forms/d/1PI6T_1f3Wqi6UfZvuNg1dcgGO_3HoTCYacYcR7dRvI4/edit

EDUR 8331 Students

- (a) Do not create new sections when entering your scale items.
- (b) Number each new questionnaire item with Q and a number, like this: Q2, Q3, Q4, Q5, Q6, etc.
- (c) Place a number before each response option like shown below in Q2. Using this format makes it easier to convert responses to numbers once data are downloaded. Examples: 5 Strongly Agree, 4 Agree, 3 Mixed Agree and Disagree, 2 Disagree, 1 Strongly Agree.
- (d) Do not make any items required.
- (e) As a group decide which four items, plus the validity check item, are best and add those five items.
- (f) Please select one member of the group to add the items to the questionnaire. Other members should review the added items to ensure there are no mistakes with item or response scale wording, response scale numbering, and item numbering.

Please add your items to section 2 and use consecutive numbers for the added items. If someone else is adding items, please wait until they are finished before adding yours so cross-editing does not create issues. I will preview the questionnaire before using it to ensure all looks well.

Do not create new sections in the Google form linked above; create only new items. Also, do not make any items required. This can be frustrating to respondents, artificially creates an opinion if one does not exist, and can lead respondents to cease answering the questionnaire.

Add the best four items for your assigned latent variable and the validity check item. Thus, a total of five items will be added by your group. As a group decide which four items are best and try to avoid redundancy with items. Redundancy means the items have similar content or wording. For each latent variable multiple dimensions are possible so multiple dimensions should be represented among the 4 + 1 items added to the questionnaire.

I have provided one sample item (Q2). A screen shot of the first item is shown below. Notice the use of numbers preceding the response options. Please include these because it makes it much easier to convert the Google spreadsheet into a format that can be analyzed with statistical software. Without these numbers one must convert the text to numbers using replacements (e.g., replace "Very dissatisfied" with the number 1). This is a slow and tedious process; use of the numbers greatly speeds this process.

Q2 Sample: Place item text here and response options below.

- ☐ 1 Strongly Disagree
- ☐ 2 Disagree
- ☐ 3 Neither disagree or agree
- ☐ 4 Agree
- ☐ 5 Strongly Agree

Notice each response option has a number preceding it. Please do this also with your items.

In total there should be 50 items plus the first item on the questionnaire for a total of 51 items.

If you would like to see a previous version of this questionnaire from another section of EDUR 8331, you can view the fall 2019 version linked below. It may provide ideas for structuring responses with Likert Scales.

<https://forms.gle/YigRYyEEWYMAU6AA>

I have brief instructional notes on creating electronic questionnaires in Google forms. It shows some of the steps I took to create this questionnaire. The title of the document, and a link to it, are given below and can be found on the course web page. It also shows how to select item type (e.g., multiple choice, brief response, etc.), create new items, and editing items.

Creating Electronic Questionnaire with Google Docs

<http://www.bwgriffin.com/gsu/courses/edur8331/edur8331-presentations/EDUR-8331-05c-Google-Docs-Electronic-Questionnaires.pdf>

There are also Youtube videos showing the creation of questionnaires with Google Forms on the course webpage. They can be accessed below.

<http://www.bwgriffin.com/gsu/courses/edur8331/topic-g-electronic-questionnaires.htm>

Please contact me if you have questions.

Remember:

- Number each item with Q1, Q2, Q3, etc. Numbering must be consecutive.
- Place a number before each response option (e.g., 1 Strongly Disagree, 2 Disagree, etc.).
- Do not create new sections in the Google Form.
- Do not make any items required.
- Decide as a group which four items and validity check item to add; each group will add a total of five items.

B Griffin