EBI Task Analysis

**To Upload Stimuli**

1. Ensure all stimuli are downloaded from the Google Drive folder by right clicking on each stimulus in the folder and clicking “Download”.
2. Log into Qualtrics ([https://caldwell.co1.qualtrics.com](https://urldefense.proofpoint.com/v2/url?u=https-3A__caldwell.co1.qualtrics.com&d=DwMFaQ&c=LCloy78TmpONghrKKBl0Vj9frHQhDBneab3Hhpt543I&r=wT9XiSYsMysqf5eO17u4EAlC6aFEzbQYKQ3copDwEws&m=a_yqtoZRYOUZOGtCG4pYq0viBnEokbFW0MqGEgtbPog&s=Y5w7lUy6TkchrC97QPrkUFTAO4Mp971nI0EUa_uKgJA&e=" \t "_blank)) using the username [**abaresearch@caldwell.edu**](mailto:abaresearch@caldwell.edu)and password **caldwell**.
3. Click on **Library** in the top right corner.
4. Click on **Graphics Library** in the top left side of the screen.
5. Click the green **Upload Graphic** box.
6. Select the box that says **Upload a graphic from your computer**
7. In Qualtrics, select all images from your **Downloads** folder. You can select all images by holding the “shift” key while you click on them. Then, click **Upload X Graphics**. You may need to hit the “x” in the downloads bar at the bottom of your screen to access the button.
8. Then, go back to **Projects** tab in the top right corner.

**To Create the Surveys for the Pretest and Posttest**

1. Make sure you are working from the folder with your initials by clicking on it.
2. Click the blue **Create new project** box on the right side of the screen.
3. Under **Create your own**, click **Survey**.
4. Under “Project Name”, enter the title for the survey you are creating, **Pretest**. Click **Get Started**.
5. The column on the right side of the screen displays options to adjust the format of the trial. Use the default question type, **Multiple choice**.

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1. First you will create the three trials to test the AB relation (Stimulus A corresponds to Stimulus B for each group of stimuli). The first trial will appear with a placeholder for text for the question. To insert the image for the sample stimulus, click the text that says **Click to write the question text**.
2. Delete the text.
3. Click the button to the left that says **Rich Content Editor**
4. Click on the icon to center the content in the box.
5. On the top row of icons, select the icon that is second to the left to insert a graphic. Select the image **Stimulus A1**. Click outside the box to move to the next step.
6. Click on the text where it says **Click to write Choice 1**.
7. Type the word labeled **Stimulus B1**.
8. Click on the text where it says **Click to write Choice 2**.
9. Type the word labeled **Stimulus B2**.
10. Click on the text where it says **Click to write Choice 3**.
11. Type the word labeled **Stimulus B3**.
12. Click on the wheel icon below the question number to open advanced question options. Select **Randomization**. Click the second option, **Randomize the order of all choices**. Click **Save**.
13. Then, click the **Force Response** button in the column on the right side of the screen.
14. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this two times so there are a total of three questions.
15. Scroll to the second question. Click the sample stimulus. Click **Rich Content Editor**. Delete Stimulus A1. Click the graphic icon (top row, second from the left). Select **Stimulus A2**. Click outside the box.
16. Scroll to the third question. Click the sample stimulus. Click **Rich Content Editor**. Delete Stimulus A1. Click the graphic icon (top row, second from the left). Select **Stimulus A3**. Click outside the box.

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1. Now, you will create the three trials to test the BA relation (Stimulus B corresponds to Stimulus A for each group of stimuli). Click on the green button to **Create a New Question**. To insert the sample stimulus, click the text that says **Click to write the question text**. Delete the text.
2. Type the word labeled **Stimulus B1**.
3. Click on the text where it says **Click to write Choice 1**.
4. Click on the blue drop down arrow on the right. Select **Rich Content Editor**. Delete the text. Click the graphic icon. Select **Stimulus A1**. Click **Save**.
5. Click on the text where it says **Click to write Choice 2**.
6. Click on the blue drop down arrow on the right. Select **Rich Content Editor**. Delete the text. Click on the graphic icon. Select **Stimulus A2**. Click **Save**.
7. Click on the text where it says **Click to write Choice 3**.
8. Click on the blue drop down arrow on the right. Select **Rich Content Editor**. Delete the text. Click on the graphic icon. Select **Stimulus A3**. Click save.
9. Click on the wheel icon below the question number to open advanced question options. Select **Randomization**. Click the second option, **Randomize the order of all choices**. Click **Save**.
10. Then, check the **Force Response** button in the column on the right side of the screen.
11. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this two times.
12. Scroll to Question 5. Click the sample stimulus. Delete the text and type the word labeled **Stimulus B2**. Click outside of the box to move to the next step.
13. Scroll to Question 6. Click the sample stimulus. Delete the text and type the word labeled **Stimulus B3**. Click outside of the box to move to the next step.

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1. Now, you will create the three trials to test the AC relation (Stimulus A corresponds to Stimulus C for each group of stimuli). Click on the green **Create a New Question** button. To insert the image for the sample stimulus, click the text that says **Click to write the question text**.
2. Delete the text. Click the button to the left that says **Rich Content Editor**
3. On the second row of icons, select the icon to center the content in the box.
4. On the top row of icons, select the icon that is second to the left to insert a graphic. Select the image **Stimulus A1**. Click outside the box to move to the next step.
5. Click on the text where it says **Click to write Choice 1**.
6. Type the word labeled **Stimulus C1**.
7. Click on the text where it says **Click to write Choice 2**.
8. Type the word labeled **Stimulus C2**.
9. Click on the text where it says **Click to write Choice 3**.
10. Type the word labeled **Stimulus C3**.
11. Click on the wheel icon below the question number to open advanced question options. Select **Randomization**. Click the second option, **Randomize the order of all choices**. Click **Save**.
12. Then, check the **Force Response** button in the column on the right side of the screen.
13. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this two times.
14. Scroll to Question 8. Click the sample stimulus. Click **Rich Content Editor**. Delete Stimulus A1. Click the graphic icon (top row, second from the left). Select **Stimulus A2**. Click outside of the box.
15. Scroll to Question 9. Click the sample stimulus. Click **Rich Content Editor**. Delete Stimulus A1. Click the graphic icon (top row, second from the left). Select **Stimulus A3**. Click outside of the box.

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1. Now, you will create the three trials to test the CA relation (Stimulus C corresponds to Stimulus A for each group of stimuli). Click on the green **Create a New Question** button. To insert the sample stimulus, click the text that says **Click to write the question text**. Delete the text.
2. Type the word labeled **Stimulus C1**.
3. Click on the text where it says **Click to write Choice 1**.
4. Click on the blue drop down arrow on the right. Select **Rich Content Editor**. Delete the text. Click the graphic icon. Select **Stimulus A1**. Click **Save**.
5. Click on the text where it says **Click to write Choice 2**.
6. Click on the blue drop down arrow on the right. Select **Rich Content Editor**. Delete the text. Click on the graphic icon. Select **Stimulus A2**. Click **Save**.
7. Click on the text where it says **Click to write Choice 3**.
8. Click on the blue drop down arrow on the right. Select **Rich Content Editor**. Delete the text. Click on the graphic icon. Select **Stimulus A3**. Click **Save**.
9. Click on the wheel icon below the question number to open advanced question options. Select **Randomization**. Click the second option, **Randomize the order of all choices**. Click **Save**.
10. Then, check the **Force Response** button in the column on the right side of the screen.
11. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this two times.
12. Scroll to Question 11. Click the sample stimulus. Delete the text and type the word labeled **Stimulus C2**.
13. Scroll to Question 12. Click the sample stimulus. Delete the text and type the word labeled **Stimulus C3**.

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1. Next, you will create the six trials to test the BC and CB relations (Stimulus B corresponds to Stimulus C and vice versa for each group of stimuli). Click on the green **Create a New Question** button. The first trial will appear with a placeholder for text for the question. To insert the sample stimulus, click the text that says **Click to write the question text**. Type the word labeled **Stimulus B1**.
2. Click on the text where it says **Click to write Choice 1**.
3. Type the word labeled **Stimulus C1**.
4. Click on the text where it says **Click to write Choice 2**.
5. Type the word labeled **Stimulus C2**.
6. Click on the text where it says **Click to write Choice 3**.
7. Type the word labeled **Stimulus C3**.
8. Click on the wheel icon below the question number to open advanced question options. Select **Randomization**. Click the second option, **Randomize the order of all choices**. Click **Save**.
9. Then, check the **Force Response** button in the column on the right side of the screen.
10. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this two times.
11. Scroll to Question 14. Click the sample stimulus. Delete the text. Type the word labeled **Stimulus B2**.
12. Scroll to Question 15. Click the sample stimulus. Delete the text. Type the word labeled **Stimulus B3**.
13. Click the green button to **Create a New Question**.
14. Click the text that says **Click to write the question text**. Type the word labeled **Stimulus C1**.
15. Click on the text where it says **Click to write Choice 1**.
16. Type the word labeled **Stimulus B1** on Google Drive.
17. Click on the text where it says **Click to write Choice 2**.
18. Type the word labeled **Stimulus B2**.
19. Click on the text where it says **Click to write Choice 3**.
20. Type the word labeled **Stimulus B3**. Select **Force Response**.
21. Click on the wheel icon below the question number to open advanced question options. Select **Randomization**. Click the second option, **Randomize the order of all choices**. Click **Save**.
22. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this two times.
23. Scroll to Question 17. Click the sample stimulus. Delete the text for Stimulus A1. Type the word labeled **Stimulus C2**.
24. Scroll to Question. Click the sample stimulus. Delete the text for Stimulus A1. Type the word labeled **Stimulus C3**.

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1. Now, you will set up the survey so it will automatically score responding. Scroll to the first question. Click on the wheel icon below the question number and select **Scoring**.
2. Click on the far right where it says **Scoring Options**.
3. In the second section, ensure that both the **After Each Question** and **At The End of the Survey** options are NOT checked. Click **Save**.
4. Click the grayed number sign in the first box under the blue square to indicate that **Stimulus A1** should correspond to **Stimulus B1**.
5. Next, go to each question and click the grayed number sign next to the answer choice that is part of the same class. This means that all questions with number 1 stimuli as the question should have the answer choice that is the stimulus with the number 1. Questions with number 2 should have the answer that includes the number 2 selected as the answer. Questions with the number 3 should have the answer that includes the number 3 selected as the answer. After you click on the correct answer, a point of value of 1 will appear in the box for each question.
6. After you have selected the correct answer choice for each question, scroll to the top and click on **Back to Editor**.
7. Click on the text next to the paint brush that says **Look & Feel**.
8. In the top left corner, click **Look & Feel**. Type **1** for **Questions Per Page**. Click **Save**.
9. Scroll to the top and click on **Block Options** located in the right corner. Select **Question Randomization** and select the option to **Randomize the order of all questions**. Click **Save**.
10. Click the green box in the top right corner that says **Publish**. Click the blue box that says **Publish** to confirm this step. Click **Close**.
11. Click back to **Projects** so you can create the Posttest survey. On the far right side of the screen, click the three horizontal dots. Click **Copy Project**. Under **Project Name**, delete the name “Pretest” and type in **Posttest**. Click **Copy Project**.

**To Set Up The Survey to Train the AB Relation**

1. Now, you will create the survey to train the AB relation (teaching respondents that they should click the corresponding B stimulus when A is shown). Click **Projects** at the top of the screen. Ensure you are using the correct folder by clicking on your initials. Then, click the blue button that says **Create a New Project**.
2. Click **Survey**. Then, type in **Training AB** as the project name. Click the blue **Get Started** button.
3. Now, you will repeat the steps you did before to set up questions. Each survey will be much shorter this time. The first trial will appear with a placeholder for text for the question. To insert the image for the sample stimulus, click the text that says **Click to write the question text**.
4. Delete the text.
5. Click the button to the left that says **Rich Content Editor**
6. In the second row of icons, select the icon to center the content in the box.
7. On the top row of icons, select the icon that is second to the left to insert a graphic. Select the image **Stimulus A1**. Click outside the box to move to the next step.
8. Click on the text where it says **Click to write Choice 1**.
9. Type the word labeled **Stimulus B1**.
10. Click on the text where it says **Click to write Choice 2**.
11. Type the word labeled **Stimulus B2**.
12. Click on the text where it says **Click to write Choice 3**.
13. Type the word labeled **Stimulus B3**.
14. Click on the wheel icon below the question number to open advanced question options. Select **Randomization**. Click the second option, **Randomize the order of all choices**. Click **Save**.
15. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this a total of two times.
16. Scroll to the second question. Click the sample stimulus. Click **Rich Content Editor**. Delete Stimulus A1. Click the graphic icon (top row, second from the left). Select **Stimulus A2**. Click outside the box.
17. Scroll to the third question. Click the sample stimulus. Click **Rich Content Editor**. Delete Stimulus A1. Click the graphic icon (top row, second from the left). Select **Stimulus A3**. Click outside the box.
18. Now, you will set up the survey so it will automatically score responding. Scroll to the first question. Click on the wheel icon below the question number and select **Scoring**.
19. Click on the far right where it says **Scoring Options**.
20. In the second section, ensure that both the **After Each Question** and **At The End of the Survey** options are NOT checked. Click **Save**.
21. Click the grayed number sign in the first box under the blue square to indicate that **Stimulus A1** should correspond to **Stimulus B1**.
22. Next, go to each remaining question and click the grayed number sign next to the answer choice with a number that matches the number of the sample stimulus. A2 goes with B2 and A3 goes with B3.
23. After you have selected the correct answer choice for each question, scroll to the top and click on **Back to Editor**.
24. In the top left corner, click **Look & Feel**. Type **1** for **Questions Per Page**. Click **Save**.
25. Next, you will set up the training portion of the survey so it provides feedback for correct responses. Scroll to the green **Create a New Question** button and click on the drop down green arrow. Click on **Descriptive Text**. Delete the text and type **Good job!**.
26. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this two times so there are a total of three questions that say **Good job!**.
27. Scroll to the top and click on **Block Options** located in the right corner. Select **Question Randomization** and select the option for **Advanced Randomization**.
28. You will set up the question order so that the questions are randomized, but the descriptive text (“Good job!”) follows each question. Click **Question1D1**. Click on the **>** button next to the green square that says **Randomize Questions**. Click on one of the **Good job!** questions **(questions 4–6)** and click on the **^** or **v** arrows until the text is after **Question Q1D1**.
29. Click on **Question Q1D2** and then click on the **>** arrow to the left of the green **Randomize Questions** box. Click on the next **Good job!** question (**Questions 5 or 6)** and click on the **^** or **v** arrows to the left of the box until the text is under **Question Q1D2.**
30. Click on **Question Q1D3** and then click on the **>** arrow to the left of the green **Randomize Questions** box. Click on the last **Good job!** question **(Question 6)** and if needed, click on the **^** or **v** arrows to the left of the box until the text is under **Question Q1D3.** All questions in the survey should now be randomized so that “Good job!” text will follow each randomized question. Click the green **Save** button. Click the green **Save** button again under the **Question Randomization** box.
31. Now, you will add the training portion of the survey that gives respondents feedback for incorrect responses. Scroll to the top of the screen and click **Library**.
32. Click **Messages Library**.
33. Click on the green **New Message** button.
34. Under **Message Type**, click **Validation Messages**. Under **Description**, type **Try Again**.
35. Click the blue **Add Validation** button. Click **Error Text**.
36. Under message, delete the text and type **Try Again**
37. Click the green **Create Message** button.
38. Click the **Projects** tab again. Click on the **Training AB** survey.
39. Click on the first question. Check the **Force Response** button in the column on the right side of the screen,
40. Under **Validation Type**, click **Custom Validation**.
41. A box will come up that says **Q1** and **Select Choice**. Select **Choice 1** for **Q1**.
42. Under **Choose an Error Message to Display on Failure**, click **Load a Saved Message**. Click **My Library**. Click **Try Again**. Click **Error Text**. Click **Save**.
43. Click on the second question. Check the **Force Response** button in the column on the right side of the screen. Under **Validation Type**, click **Custom Validation**. Select the corresponding answer choice for **Q2** (**Choice 2**). Under **Choose an Error Message to Display on Failure**, click **Load a Saved Message**. Click **My Library**. Click **Try Again**. Click **Error Text**. Click **Save**.
44. Click on the third question. Check the **Force Response** button in the column on the right side of the screen. Under **Validation Type**, click **Custom Validation**. Select the corresponding answer choice for **Q3** (**Choice 3**). Under **Choose an Error Message to Display on Failure**, click **Load a Saved Message**. Click **My Library**. Click **Try Again**. Click **Error Text**. Click **Save**.
45. Now, scroll to the top of the screen and click the green box in the top right corner that says **Publish**. Click the blue box that says **Publish** to confirm this step. Click **Close**.

**To Set Up The Survey to Test the BA Relation**

1. Click **Projects** at the top of the screen. Ensure you are using the correct folder by clicking on your initials. Then, click the blue button that says **Create a New Project**.
2. Click **Survey**. Then, type in **Testing BA** as the project name. Click the blue **Get Started** button.
3. Now, you will create the three trials to test the BA relation (Stimulus B corresponds to Stimulus A for each group of stimuli) with no feedback given to respondents. To insert the sample stimulus, click the text that says **Click to write the question text**. Delete the text.
4. Type the word labeled **Stimulus B1**.
5. Click on the text where it says **Click to write Choice 1**.
6. Click on the blue drop down arrow on the right. Select **Rich Content Editor**. Delete the text. Click the graphic icon. Select **Stimulus A1**. Click **Save**.
7. Click on the text where it says **Click to write Choice 2**.
8. Click on the blue drop down arrow on the right. Select **Rich Content Editor**. Delete the text. Click on the graphic icon. Select **Stimulus A2**. Click **Save**.
9. Click on the text where it says **Click to write Choice 3**.
10. Click on the blue drop down arrow on the right. Select **Rich Content Editor**. Delete the text. Click on the graphic icon. Select **Stimulus A3**. Click **Save**.
11. Click on the wheel icon below the question number to open advanced question options. Select **Randomization**. Click the second option, **Randomize the order of all choices**. Click **Save**.
12. Then, check the **Force Response** button in the column on the right side of the screen.
13. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this two times.
14. Scroll to Question 2. Click the sample stimulus. Delete the text and type the word labeled **Stimulus B2**. Click outside of the box to move to the next step.
15. Scroll to Question 3. Click the sample stimulus. Delete the text and type the word labeled **Stimulus B3**. Click outside of the box to move to the next step.
16. Now, you will set up the survey so it will automatically score responding. Scroll to the first question. Click on the wheel icon below the question number and select **Scoring**.
17. Click on the far right where it says **Scoring Options**.
18. In the second section, ensure that both the **After Each Question** and **At The End of the Survey** options are NOT checked. Click **Save**.
19. Click the grayed number sign in the first box under the blue square to indicate that **Stimulus A1** should correspond to **Stimulus B1**.
20. Next, go to each remaining question and click the grayed number sign next to the answer choice with a number that matches the number of the sample stimulus. B2 goes with A2 and B3 goes with A3.
21. After you have selected the correct answer choice for each question, scroll to the top and click on **Back to Editor**.
22. In the top left corner, click **Look & Feel**. Type **1** for **Questions Per Page**. Click **Save**.
23. Scroll to the top and click on **Block Options** located in the right corner. Select **Question Randomization** and select the option to **Randomize the order of all questions**. Click **Save**.
24. Click the green box in the top right corner that says **Publish**. Click the blue box that says **Publish** to confirm this step. Click **Close**.

**To Set Up The Survey to Train the AC Relation**

1. Now, you will create the survey to train the AC relation (teaching respondents that they should click the corresponding C stimulus when A is shown). Click **Projects** at the top of the screen. Ensure you are using the correct folder by clicking on your initials. Then, click the blue button that says **Create a New Project**.
2. Click **Survey**. Then, type in **Training AC** as the project name. Click the blue **Get Started** button.
3. To insert the image for the sample stimulus, click the text that says **Click to write the question text**.
4. Delete the text.
5. Click the button to the left that says **Rich Content Editor**
6. On the second row of icons, select the icon to center the content in the box.
7. On the top row of icons, select the icon that is second to the left to insert a graphic. Select the image **Stimulus A1**. Click outside the box to move to the next step.
8. Click on the text where it says **Click to write Choice 1**.
9. Type the word labeled **Stimulus C1**.
10. Click on the text where it says **Click to write Choice 2**.
11. Type the word labeled **Stimulus C2**.
12. Click on the text where it says **Click to write Choice 3**.
13. Type the word labeled **Stimulus C3**.
14. Click on the wheel icon below the question number to open advanced question options. Select **Randomization**. Click the second option, **Randomize the order of all choices**. Click **Save**.
15. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this a total of two times.
16. Scroll to the second question. Click the sample stimulus. Click **Rich Content Editor**. Delete Stimulus A1. Click the graphic icon (top row, second from the left). Select **Stimulus A2**. Click outside of the box.
17. Scroll to the third question. Click the sample stimulus. Click **Rich Content Editor**. Delete Stimulus A1. Click the graphic icon (top row, second from the left). Select **Stimulus A3**. Click outside of the box.
18. Now, you will set up the survey so it will automatically score responding. Scroll to the first question. Click on the wheel icon below the question number and select **Scoring**.
19. Click on the far right where it says **Scoring Options**.
20. In the second section, ensure that both the **After Each Question** and **At The End of the Survey** options are NOT checked. Click **Save**.
21. Click the grayed number sign in the first box under the blue square to indicate that **Stimulus A1** should correspond to **Stimulus C1**.
22. Next, go to the remaining questions and click the grayed number sign next to the answer choice with a number that matches the number of the sample stimulus. A2 goes with C2 and A3 goes with C3.
23. After you have selected the correct answer choice for each question, scroll to the top and click on **Back to Editor**.
24. In the top left corner, click **Look & Feel**. Type **1** for **Questions Per Page**. Click **Save**.
25. Next, you will set up the training portion of the survey so it provides feedback for correct responses. Scroll to the green **Create a New Question** button and click on the drop down green arrow. Click on **Descriptive Text**. Delete the text and type **Good job!**.
26. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this two times so there are a total of three questions that say **Good job!**.
27. Scroll to the top and click on **Block Options** located in the right corner. Select **Question Randomization** and select the option for **Advanced Randomization**.
28. You will set up the question order so that the questions are randomized, but the descriptive text (“Good job!”) follows each question. Click **Question1D1**. Click on the **>** button next to the green square that says **Randomize Questions**. Click on one of the **Good job!** questions (**Questions 4–6)** and click on the **^** or **v** arrows until the text is after **Question Q1D1**.
29. Click on **Question Q1D2** and then click on the **>** arrow to the left of the green **Randomize Questions** box. Click on the next **Good job!** question (**Question 5 or 6)** and click on the **^** or **v** arrows to the left of the box until the text is under **Question Q1D2.**
30. Click on **Question Q1D3** and then click on the **>** arrow to the left of the green **Randomize Questions** box. Click on the last **Good job!** question (**Question 6)** and if needed, click on the **^** or **v** arrows to the left of the box until the text is under **Question Q1D3.** Click the green **Save** button. Click the green **Save** button again under the **Question Randomization** box.
31. Click on the wheel icon next to the first question. Check the **Force Response** button in the column on the right side of the screen,
32. Under **Validation Type**, click **Custom Validation**.
33. A box will come up that says **Q1** and **Select Choice**. Select **Choice 1** for **Q1**.
34. Under **Choose an Error Message to Display on Failure**, click **Load a Saved Message**. Click **My Library**. Click **Try Again**. Click **Error Text**. Click **Save**.
35. Click on the second question. Check the **Force Response** button in the column on the right side of the screen. Under **Validation Type**, click **Custom Validation**. Select the corresponding answer choice for **Q2** (**Choice 2**). Under **Choose an Error Message to Display on Failure**, click **Load a Saved Message**. Click **My Library**. Click **Try Again**. Click **Error Text**. Click **Save**.
36. Click on the third question. Check the **Force Response** button in the column on the right side of the screen. Under **Validation Type**, click **Custom Validation**. Select the corresponding answer choice for **Q3** (**Choice 3**). Under **Choose an Error Message to Display on Failure**, click **Load a Saved Message**. Click **My Library**. Click **Try Again**. Click **Error Text**. Click **Save**.
37. Now, scroll to the top of the screen and click the green box in the top right corner that says **Publish**. Click the blue box that says **Publish** to confirm this step. Click **Close**.

**To Set Up The Survey to Test the CA Relation**

1. Click **Projects** at the top of the screen. Ensure you are using the correct folder by clicking on your initials. Then, click the blue button that says **Create a New Project**.
2. Click **Survey**. Then, type in **Testing CA** as the project name. Click the blue **Get Started** button.
3. Now, you will create the three trials to test the CA relation (Stimulus C corresponds to Stimulus A for each group of stimuli) with no feedback given to respondents. To insert the sample stimulus, click the text that says **Click to write the question text**. Delete the text.
4. Type the word labeled **Stimulus C1**.
5. Click on the text where it says **Click to write Choice 1**.
6. Click on the blue drop down arrow on the right. Select **Rich Content Editor**. Delete the text. Click the graphic icon. Select **Stimulus A1**. Click **Save**.
7. Click on the text where it says **Click to write Choice 2**.
8. Click on the blue drop down arrow on the right. Select **Rich Content Editor**. Delete the text. Click on the graphic icon. Select **Stimulus A2**. Click **Save**.
9. Click on the text where it says **Click to write Choice 3**.
10. Click on the blue drop down arrow on the right. Select **Rich Content Editor**. Delete the text. Click on the graphic icon. Select **Stimulus A3**. Click **Save**.
11. Click on the wheel icon below the question number to open advanced question options. Select **Randomization**. Click the second option, **Randomize the order of all choices**. Click **Save**.
12. Then, check the **Force Response** button in the column on the right side of the screen.
13. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this two times.
14. Scroll to Question 2. Click the sample stimulus. Delete the text and type the word labeled **Stimulus C2**. Click outside of the box to move to the next step.
15. Scroll to Question 3. Click the sample stimulus. Delete the text and type the word labeled **Stimulus C3**. Click outside of the box to move to the next step.
16. Now, you will set up the survey so it will automatically score responding. Scroll to the first question. Click on the wheel icon below the question number and select **Scoring**.
17. Click on the far right where it says **Scoring Options**.
18. In the second section, ensure that both the **After Each Question** and **At The End of the Survey** options are NOT checked. Click **Save**.
19. Click the grayed number sign in the first box under the blue square to indicate that **Stimulus A1** should correspond to **Stimulus C1**.
20. Next, go to each remaining question and click the grayed number sign next to the answer choice with a number that matches the number of the sample stimulus. C2 goes with A2 and C3 goes with A3.
21. After you have selected the correct answer choice for each question, scroll to the top and click on **Back to Editor**.
22. In the top left corner, click **Look & Feel**. Type **1** for **Questions Per Page**. Click **Save**.
23. Scroll to the top and click on **Block Options** located in the right corner. Select **Question Randomization** and select the option to **Randomize the order of all questions**. Click **Save**.
24. Click the green box in the top right corner that says **Publish**. Click the blue box that says **Publish** to confirm this step. Click **Close**.

**To Set Up the Survey to Test the BC and CB Relations**

1. Click **Projects** at the top of the screen. Ensure you are using the correct folder by clicking on your initials. Then, click the blue button **Create New Project**.
2. Click **Survey**. Then, type in **Testing BC and CB** as the project name. Click the blue **Get Started** button.
3. Now, you will create the six trials to test the BC and CB relations (Stimulus B corresponds to Stimulus C and vice versa for each group of stimuli). The first trial will appear with a placeholder for text for the question. To insert the sample stimulus, click the text that says **Click to write the question text**. Type the word labeled **Stimulus B1**.
4. Click on the text where it says **Click to write Choice 1**.
5. Type the word labeled **Stimulus C1**.
6. Click on the text where it says **Click to write Choice 2**.
7. Type the word labeled **Stimulus C2**.
8. Click on the text where it says **Click to write Choice 3**.
9. Type the word labeled **Stimulus C3**. Select **Force Response**.
10. Click on the wheel icon below the question number to open advanced question options. Select **Randomization**. Click the second option, **Randomize the order of all choices**. Click **Save**.
11. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this two times.
12. Scroll to the second question. Click the sample stimulus. Delete the text. Type the word labeled **Stimulus B2**.
13. Scroll to the third question. Click the sample stimulus. Delete the text. Type the word labeled **Stimulus B3**.
14. Click the green button to **Create a New Question**.
15. Click the text that says **Click to write the question text**. Type the word labeled **Stimulus C1**.
16. Click on the text where it says **Click to write Choice 1**.
17. Type the word labeled **Stimulus B1** on Google Drive.
18. Click on the text where it says **Click to write Choice 2**.
19. Type the word labeled **Stimulus B2**.
20. Click on the text where it says **Click to write Choice 3**.
21. Type the word labeled **Stimulus B3**.
22. Click on the wheel icon below the question number to open advanced question options. Select **Randomization**. Click the second option, **Randomize the order of all choices**. Click **Save**.
23. Then, check the **Force Response** button in the column on the right side of the screen.
24. In the column on the right side, scroll down to the **Actions** section. Select **Copy Question**. Do this two times.
25. Scroll to Question 5. Click the sample stimulus. Delete the text for Stimulus C1. Type the word labeled **Stimulus C2**.
26. Scroll to Question 6. Click the sample stimulus. Delete the text for Stimulus C1. Type the word labeled **Stimulus C3**.
27. Now, you will set up the survey so it will automatically score responding. Scroll to the first question. Click on the wheel icon below the question number and select **Scoring**.
28. Click on the far right where it says **Scoring Options**.
29. In the second section, ensure that both the **After Each Question** and **At The End of the Survey** options are NOT checked. Click **Save**.
30. Click the grayed number sign in the first box under the blue square to indicate that **Stimulus B1** should correspond to **Stimulus C1**.
31. Next, go to each question and click the grayed number sign next to the answer choice with a number that matches the number of the sample stimulus. This means that all questions with number 1 stimuli as the question should have the answer choice that includes the number 1 selected as the answer. Questions with number 2 should have the answer that includes the number 2 selected as the answer. Questions with the number 3 should have the answer that includes the number 3 selected as the answer.
32. After you have selected the correct answer choice for each question, scroll to the top and click on **Back to Editor**.
33. In the top left corner, click **Look & Feel**. Type **1** for **Questions Per Page**. Click **Save**.
34. Scroll to the top and click on **Block Options** located in the right corner. Select **Question Randomization** and select the option to **Randomize the order of all questions**. Click **Save**.
35. Click the green box in the top right corner that says **Publish**. Click the blue box that says **Publish** to confirm this step.