

Change Blindness task Instructions for Superlab

Stage 1: Create the Instructions page

1. Create a new **Block** and name it 'Instructions'
2. Create a new **Trial** and name it 'Instructions'
3. Create a new **Event** and again name it 'Instructions'
 - In the 'Stimulus' tab, set the 'Event Type' to Text and type in your instructions
 - Go into 'Input' and tick 'After a correct response...' (make sure all other boxes are unticked)
 - Go into 'Correct Response' and click 'Edit Responses'. Here you need to tell Superlab what a correct response is:
 - Tick 'Keyboard – Single key' and press 'New'
 - Put the name as 'SPACE'
 - Click into 'The following key textbox and press the spacebar
 - Press OK and then Done – this will close the popup and take you back to the 'Correct Response' option
 - Change '... the correct response is:' to 'One or more of the following' and tick the 'SPACE' option.
4. Now you need to link the Instruction **Block**, **Trial** and **Event**

Stage 2: Creating the Change Blindness displays

1. Create a new **Block** and name it 'Change Blindness'
2. Create a new **Trial** and name it 'Change Blindness'
3. Download the video file from Moodle titles 'CB 1'
4. In Superlab, create a new **Event** and name it 'CB 1'
 - In the 'Stimulus' tab, set the 'Event Type' to Movie
 - Click on 'Select file' and locate the video file (most likely in the 'Downloads' folder on the computer)
 - In 'Input' tick 'After correct response...' (make sure all other boxes are unticked)
 - In 'Correct Response' select 'One or more of the following' and tick 'SPACE'
 - Go into 'Settings' (in the 'Stimulus' tab) and click on the 'Presentation options' tab – there you need to untick the 'Wait for movie to finish...' and change to 'Stop movie: When the event ends'
4. Repeat step 4 for all of the other video files on Moodle (e.g., CB 2, CB 3...)

Step 3: Create your own Change Blindness video loops

1. Outside of Superlab, go into Movie Make
2. Download the image files from Moodle
3. Click 'Add videos or photos' and locate the Change Blindness image folder (this most likely will be in your Downloads folder)
4. Add in the first of the two change blindness images (e.g., CB1.1)
5. Go into the 'edit' tab and change the duration to .40
6. Add the grey flicker screen:
 - Go back into the 'Home' tab and click on the 'Title' button
 - On the image preview, delete the text box
 - Go into 'edit' and change the background colour to grey
 - Set the duration to 0.1
7. Repeat steps 3-5, however this time add the second change blindness image (e.g., CB1.2)
8. Add a second grey flicker screen (by repeating step 6)

Now you should have 4 images:

Image CB1.1 > grey flicker > Image CB1.2 > grey flicker

9. Copy those 4 images and paste them next to the original 4 images (you can select them all by holding down the ctrl key and then clicking on each of the 4 images).
10. Repeat this until you have a minute long 'movie'
11. Save the file

Stage 4: Add your video loops into Superlab

- Follow all steps in Stage 2