# Task-switching

* Takes a while before you ‘learn’ what is what -> short practice trial before single task block, and then make error correction time less for the others (annoying)
* Write in text which fingers & hands to use

## Edited text

1.

In the following task you have to respond with button presses to letters and numbers.

You will only need two keys (F and J).

You will always see a letter/number combination, for example R3 or G6.

*Press space bar to continue*

2.

**Picture**

If the letter/number combination appears at the top of the screen, you have to respond to the letter (in this case a “G”).

*Press space bar to continue*

3.

**Picture**

If the letter/number combination appears at the bottom of the screen, you have to respond to the number (in this case a “6”).

*Press space bar to continue*

4.

**Picture**

When you respond to the letter:

* Press **J** if it is a consonant
* Press **K** if it is a vowel

When you respond to the number:

* Press **J** if it is an odd number
* Press **K** if it is an even number

5.

**Picture**

So, in this case, you have to respond to the ‘G’ and ignore the ‘6’. The ‘G' is a consonant, so you press the **F** key!

*Press space bar to continue*

6.

**Picture**

And in this case, you have to respond to the 4 and ignore the R. The 4 is even, so you press the **J** key!

*Press space bar to continue*

7.

Now you should know everything you need to know for this task.

Try to respond fast, and try to make few mistakes!

You should now be ready to go!

*Press Q to start, or use up and down arrows to go back to previous pages*

8.

Ready for a practice round of just the letter task?

Remember:

* Press **F** if you see a consonant (G, J, M, R)
* Press **J** if you see a vowel (A, E, I, U)

*Press space bar to continue*

9.

Great! Now get ready for the real task.

Remember:

* Press **F** if you see a consonant (G, J, M, R)
* Press **J** if you see a vowel (A, E, I, U)

*Press space bar to continue*

10.

Ready for a round of letters and numbers task?

**Picture**

*Press space bar to continue*

## For Excel

1.

In the following task you have to respond with button presses to letters and numbers. You will only need two keys (F and J). You will always see a letter/number combination, for example R3 or G6. *Press space bar to continue*

2.

If the letter/number combination appears at the top of the screen, you have to respond to the letter (in this case a “G”). *Press space bar to continue*

3.

If the letter/number combination appears at the bottom of the screen, you have to respond to the number (in this case a “6”). *Press space bar to continue*

4.

When you respond to the letter: -Press **J** if it is a consonant -Press **K** if it is a vowel When you respond to the number: -Press **J** if it is an odd number -Press **k** if it is an even number

5.

So, in this case, you have to respond to the G and ignore the 6. The G is a consonant, so you press the **F** key! *Press space bar to continue*

6.

And in this case, you have to respond to the 4 and ignore the R. The 4 is even, so you press the **J** key! *Press space bar to continue*

7.

Now you should know everything you need to know for this task. Try to respond fast, and try to make few mistakes! You should now be ready to go! *Press Q to start, or use up and down arrows to go back to previous pages*

8.

Ready for a practice round of just the letter task? Remember: -Press **F** if you see a consonant (G, J, M, R) -Press **J** if you see a vowel (A, E, I, U) *Press space bar to continue*

9.

Great! Now get ready for the real task. Remember: -Press **F** if you see a consonant (G, J, M, R) -Press **J** if you see a vowel (A, E, I, U) *Press space bar to continue*

10.

Ready for a round of letters and numbers task? *Press space bar to continue*

# Corsi

* Extra screen with ‘press q to start’
* do participants hear “go”?

## Edited text

1.

In this task, you will need to use a computer mouse.

You will see 9 blocks.

Some will ‘light up’ (become yellow) in a sequence.

Once you hear ‘Go!’, click the same blocks in the same sequence you just saw.

The sequences will get increasingly longer (and more difficult!).

*Press space bar to continue*

2.

Ready for the task?

*Press Q to start, or use the up arrow to go back to the instructions.*

## For Excel

1.

In this task, you will need to use a computer mouse. You will see 9 blocks. Some will ‘light up’ (become yellow) in a sequence. Once you hear ‘Go!’, click the same blocks in the same sequence you just saw. The sequences will get increasingly longer (and more difficult!). *Press space bar to continue*

2.

Ready for the task? *Press Q to start, or use the up arrow to go back to the instructions.*

# N-back

* extra explanation image with keys reminder
* Not responding to first two items makes more sense than responding to them because you don’t have previous info

## Edited text

1.

In this task, you will see a sequence of letters.

Each letter is shown for a few seconds.

Your task is to decide if you saw the same letter 3 trials ago.

If you saw the same letter 3 trials ago, type the letter **J**.

If the letter was not shown 3 trials ago, type the letter **F**.

*Press space bar to continue*

2.

For example, if you see these letters:

**Picture letters**

The keys you should press after each letter are:

**Picture letters & keys**

*Press space bar to continue*

3.

This is actually very difficult! But don’t worry, you will get better with practice.

When you respond correctly, you will see the bars around the letter turn green.

When you respond incorrectly, the bars will turn red.

*Press space bar to continue*

4.

Remember:

* Press **J** if you saw the same letter 3 trials ago
* Press **F** if you did not see the same letter 3 trials ago

*Press Q to start, or use up and down arrows to go back to previous pages.*

## For Excel

1.

In this task, you will see a sequence of letters. Each letter is shown for a few seconds. Your task is to decide if you saw the same letter 3 trials ago. If you saw the same letter 3 trials ago, type the letter **J**. If the letter was not shown 3 trials ago, type the letter **F**. *Press space bar to continue*

2.

For example, if you see these letters:The keys you should press after each letter are: *Press space bar to continue*

3.

This is actually very difficult! But don’t worry, you will get better with practice. When you respond correctly, you will see the bars around the letter turn green. When you respond incorrectly, the bars will turn red. *Press space bar to continue*

4.

Remember: -Press **J** if you saw the same letter 3 trials ago -Press **F** if you did not see the same letter 3 trials ago *Press Q to start, or use up and down arrows to go back to previous pages.*

# MCI

* Change scale of when used smartphone/phone to less than 100 years?
* Change how many minutes have you used your phone to: how much time have you used your phone? and then give an ‘hour’ and ‘minute’ bar
* Assigning values 1-18 is not going to work if you can’t see all pictures at the same time