

Your Results

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Cognitive Speed

Research purpose

We tested your cognitive processing speed in three different ways. In one test, you had to press a button when a green box with the word "GO" appeared. This was a test of how quickly you can respond to simple changes. In a second test, you had to press a button corresponding to the direction of an arrow and the color of a box. This was a bit more complicated, and tested how quickly you can detect and respond to multiple different changes that happen at once. In a third test, you had to correctly match pairs of shapes and numbers. This tested your processing speed and short-term memory. We are interested in how these different types of cognitive speed relate to each other and how they change as we get older.

Understanding results

There are some limitations you should keep in mind as you look at your feedback. Each of these experiments represents an area of active research - until we have gathered many results from people like you, we can't conclude anything about what volunteers' results mean. Furthermore, these kinds of results are only meaningful at the group level - that is, they may reflect patterns that apply on average and not necessarily to any one person. For example, let's say we decided to do a study examining gender and hair length. We might find that, on average, women have longer hair than men. However, having long hair doesn't make you female and being female doesn't give you long hair. In other words, females have longer hair on average, but this logic cannot be applied to individuals.

If you are surprised by your results on any of these tests, you shouldn't be concerned. There are many reasons why scores on this task might differ. For instance, differences in computer systems or distractions while doing the task can affect results. This task was not designed to specifically assess you, and the scores can vary widely among the people who complete it.

If you have questions about these or any of your results, please contact us ([mailto:testmybrain@gmail.com?Subject=Cognitive Speed%20Results](mailto:testmybrain@gmail.com?Subject=Cognitive%20Results)) at testmybrain@gmail.com ([mailto:testmybrain@gmail.com?Subject=Cognitive Speed%20Results](mailto:testmybrain@gmail.com?Subject=Cognitive%20Results)).

Your results

Response Speed Test

In this test, you had to respond as quickly as possible to images on your screen. Your score is your

speed or how fast you were able to respond. Higher scores indicate faster responses.

Your score was 28.87. The average score is 32.895.



You scored higher than two out of every ten people who took this test:



Fast Choice Test

In this test, you had to respond as quickly as possible to changing images in your screen. Your score is your speed or how fast you were able to respond. Higher scores indicate faster responses.

Your score was 11.53. The average score is 11.015.



You scored higher than five out of every ten people who took this test:



Matching Shapes and Numbers

In this test, you were asked to correctly match pairs of shapes and numbers. Your score indicates how many pairs you were able to match in 90 seconds. This was a test of your processing speed.

Your score was 37. The average score is 48.

you



avg


You scored higher than one out of every ten people who took this test:

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If you have any questions or comments about your results, please contact us ([mailto:testmybrain@gmail.com?Subject=Cognitive Speed%20Results](mailto:testmybrain@gmail.com?Subject=Cognitive%20Speed%20Results)).

Related research

Click here (<http://lauragermine.org/articles/psychsci2015.pdf>) for a paper we recently published that deals with how people change as they get older, including how their processing speed changes.

Share us on facebook 

TESTMYBRAIN (</index.html>)

TestMyBrain.org is a not-for-profit research initiative dedicated to providing measurement tools that allow people to engage in science and learn about themselves.

If you would like know more about TestMyBrain, click here ([about.html](/about.html)) to learn about the project.

Resources

[For Researchers \(/research.html\)](/research.html)

[For Educators \(/education.html\)](/education.html)

The Many Brains Project (<http://www.manybrains.net>)

A 501c3 providing support for TestMyBrain.org and open source cognitive research.

Useful Links

[ABOUT US \(/ABOUT.HTML\)](#) >

[FAQ \(/ABOUT.HTML#FAQ\)](#) >

[OUR MISSION \(/ABOUT.HTML#MISSION\)](#) >

Contact Us

Email: TESTMYBRAIN@GMAIL.COM (MAILTO:TESTMYBRAIN@GMAIL.COM?SUBJECT=GENERAL%20INQUIRY)

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