

ESCoP 2019

workshop

Edit on GitHub (<https://github.com/smathot/osdoc/blob/3.2/content/pages/escop2019.md>)

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About the workshop

This OpenSesame workshop will take place as a pre-conference event before *ESCoP 2019*. Participation is free and no registration is required.

The workshop consists of two main parts. In the first part, corresponding to the Basic Steps below, we created a complete experiment together. In the second part, corresponding to the Extra Assignments below, you will finish and improve the experiment by yourself.

When?

- September 25th, 2019
- 14:30 - 16:10

Where?

- Conference Center "La Pirámide de Arona" (Mare Nostrum Resort)
- Av. las Américas
- 38650 Arona
- Santa Cruz de Tenerife
- Spain

More info

- Conference site: <https://escop2019.webs.ull.es/> (<https://escop2019.webs.ull.es/>)

The basic steps

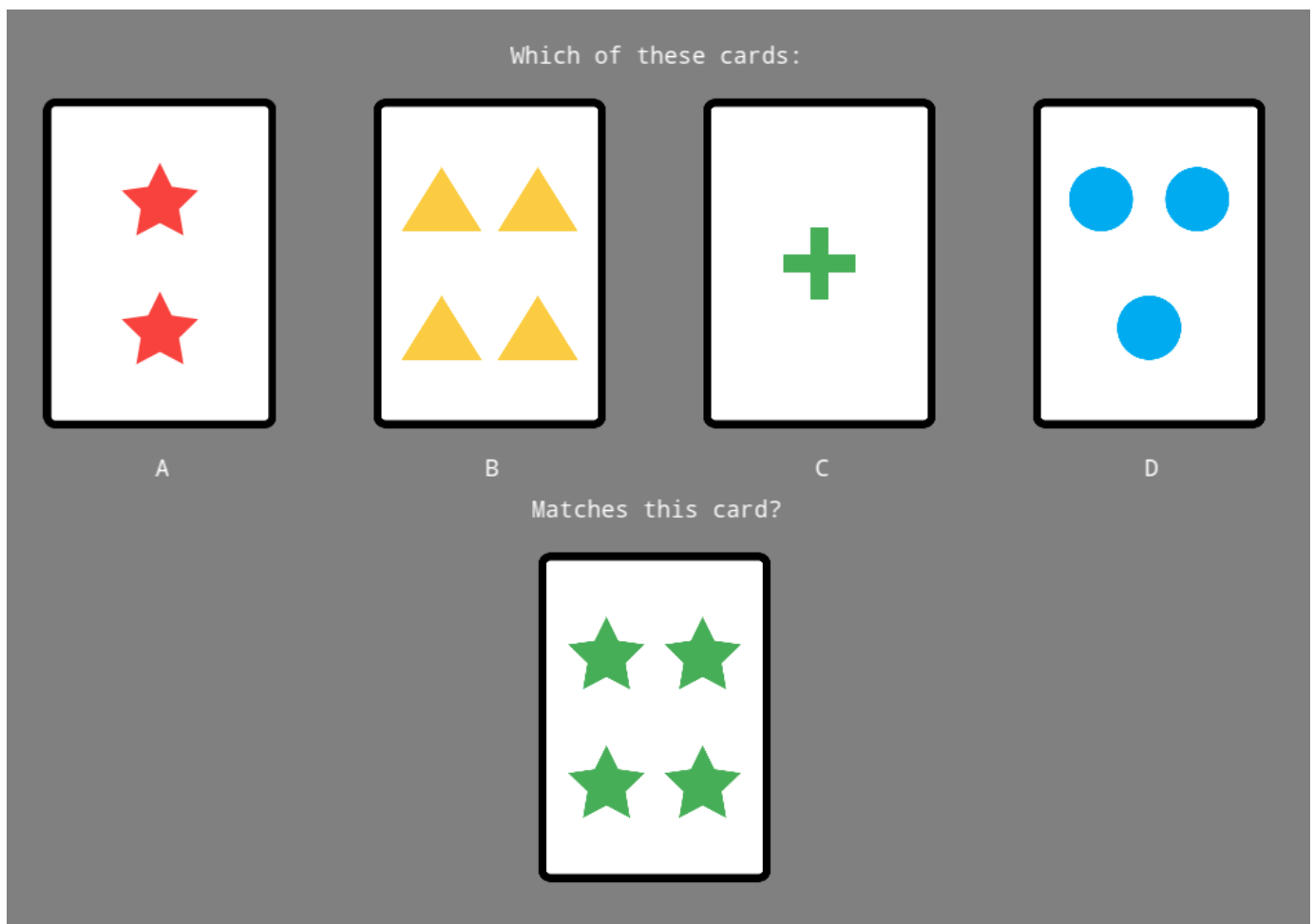


Figure 1. The Wisconsin Card Sorting Test (WCST) is a neuropsychological test of executive functions.

You will implement the Wisconsin Card Sorting Test (WCST) and learn how you can run this test online with OSWeb.

In the WCST, participants see four stimulus cards, which differ on three dimensions: color (red, green, blue, yellow), shape (circle, star, triangle, cross), and number of shapes (one, two, three, or four). Participants also see a single response card, which also has a color, shape, and number.

The participant's task is to match the response card to the correct stimulus card, based on a specific dimension (e.g. color), or *matching rule*. The participant initially doesn't know on which dimension to match, and his or her task is to figure out the matching rule through trial and error.

To make things more difficult, the matching rule changes after every five correct responses. Therefore, the participant needs to flexibly update their matching rule.