**From:**"Stanislas Dehaene" <[stanislas.dehaene@gmail.com](mailto:stanislas.dehaene@gmail.com)>

**Subject: RE: Core Knowledge of Geometry**

**Date:**December 10, 2013 at 2:58:10 PM EST

**To:**"'Keith McGreggor'" <[keithmcgreggor@gmail.com](mailto:keithmcgreggor@gmail.com)>

Dear Keith,

Ok if you want to pursue this further, here is a file called “goodsujgeom.txt” with the Munduruku results.

It look likes this:

1   1   4   11451   1

1   2   3   7632    1

1   3   3   11866   0

1   34  6   19833   0

1   24  3   15063   1

1   19  1   12837   1

…

The columns are:

1 = subject number

2 = itemnumber (note that they appear in random order after the first 3 trials)

3 = subjects’ response (which of the 6 cells was selected)

4 = response time (unreliable for the Munduruku)

5 = accuracy (1 = correct)

To assess column 3 (responses), the following code provides the correct answers:

%%% set array of correct answers

correctresp = [ ...

        4 3 4 1 ...

        2 5 4 5 ...

        5 2 1 1 ...

        5 6 5 6 ...

        2 1 1 3 ...

        4 5 4 3 ...

        2 3 4 3 ...

        6 5 2 6 ...

        2 6 1 6 ...

        3 6 1 5 ...

        2 3 6 4 ...

        3 ];

To be honest, I believe that analyzing the wrong choices may be going too far. If we wanted to do it properly, we should randomize the location of the different choices on screen, differently for each subject, in order to avoid spatial biases. Perhaps this is a small experiment you could do with US children and adults?

With best wishes,

Stanislas