

**Subject:** Re: mediation

**Date:** Tuesday, 23 February 2016 14:49:15 Australian Eastern Daylight Time

**From:** Tarrant Cummins

**To:** Alex Fornito

Hi Alex, Ben

the method looks feasible but the data hasn't arrived yet. However we are very familiar with getting genetic data much later than we would hope (and close to deadlines) so we are not overly worried at this stage (should receive tomorrow).

yes should have thought of matlab - you can pretty much name any stat and someone has made some matlab code for it!

Here's the SPSS and other files:

my manuscript (pg 1034 - last para b4 discussion has write up)

spss data file and syntax

output for a 95 and 99% confidence interval. Mediation was indicated in both but I used the 95% - see "bootstrap results for indirect effect section" for point estimate and confidence bounds (refer to paper)

zipped code

references (preacher and Hayes, Kuntsi)

cheers,

T

On 23 February 2016 at 14:24, Alex Fornito <[alex.fornito@monash.edu](mailto:alex.fornito@monash.edu)> wrote:

Hi Tarrant,

I have found some matlab code that implements the Preacher and Hayes mediation method. This will make it much easier to run the analysis. I would like to confirm that it gives results that are consistent with your spss implementation.

Could you pls send me the data for a simple model you have run in the past as well as the results? I'd like to compare.

Is the method for computing polygenic scores looking feasible?

A

---

### Alex Fornito

Associate Professor

Brain & Mental Health Laboratory

Monash Institute of Cognitive

& Clinical Neurosciences

A: 770 Blackburn Rd, Clayton, 3168, Vic, Australia

P: [+61 3 9902 9796](tel:+61399029796)

F: +61 3 9902 9817

E: [alex.fornito@monash.edu](mailto:alex.fornito@monash.edu)

W: <http://www.med.monash.edu.au/psych/bmh/>

T: @AFornito

Book: <http://bit.ly/1mz215S>



--

**Tarrant D.R. Cummins, PhD**

Research Fellow

Attention and Memory Program

School of Psychological Sciences | Room 515, Bldg #18 | Monash University | Clayton Campus | VIC 3800  
phone: +61 3 9903 2649 | fax: +61 3 9905 3948 | mobile: 0448698067 | [tarrant.cummins@monash.edu](mailto:tarrant.cummins@monash.edu)