

**Concept Paper Form**

<b>Provisional Paper Title:</b> NA
<b>Proposing Author:</b> Nicholas Fox, PhD
<b>Author's Email:</b> cosscore@cos.io
<b>P.I. Sponsor:</b> Terrie Moffitt (if the proposing author is a student or colleague of an original PI)
<b>Today's Date:</b> 9/1/2020

Please describe your proposal in 2-3 pages with sufficient detail for helpful review.

**Objective of the study:**

We previously reached out to you regarding your 2014 article, "*The p Factor*", which was randomly selected for inclusion in the [Systemizing Confidence in Open Research and Evidence](#) (SCORE) program.

From the larger set of papers included in the SCORE program, your paper was randomly selected to provide a research claim that will undergo a *reproduction attempt*--specifically, the research claim we previously emailed you about (which is detailed at the bottom of this email). The purpose of the reproduction attempt is to assess whether an independent team can reproduce the same result as was reported in the original manuscript by using the original data (and analytic code, if available to share).

**Data analysis methods:**

Computationally reproduce the following analysis:  
Using the hierarchical/bifactor model (B'), there was a significant correlation between the general psychopathy factor (p) and suicide attempts, correlation = .426, significant at  $p < 0.01$  (p. 9)

**Variables needed at which ages:**

Data from Caspi et al., 2014:  
Bifactor model of 'p' factor (General Psychopathology factor), Model B';

Suicide attempts

Sex

**Significance of the Study (for theory, research methods or clinical practice):**

To assess whether an independent team can reproduce the same result as was reported in the original manuscript by using the original data and analytic code (if available to share).

The final papers generated by the Center for Open Science on the SCORE project will report reproducibility and replicability of the socio-behavioral sciences in aggregate, and data about the reproducibility or replicability of the focal tests of individual papers will be used to inform

**References cited:**

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## Data Security Agreement

<b>Provisional Paper Title:</b> NA
<b>Proposing Author:</b> Nicholas Fox, PhD
<b>Today's Date:</b> 9/1/2020

<input checked="" type="checkbox"/>	I am current on Human Subjects Training (CITI ( <a href="http://www.citiprogram.org">www.citiprogram.org</a> ) or equivalent)
<input checked="" type="checkbox"/>	My project is covered by the Duke ethics committee OR I have /will obtain ethical approval from my home institution.
<input checked="" type="checkbox"/>	I will treat all data as "restricted" and store in a secure fashion. My computer or laptop is: a) encrypted (recommended programs are FileVault2 for Macs, and Bitlocker for Windows machines) b) password-protected c) configured to lock-out after 15 minutes of inactivity AND d) has an antivirus client installed as well as being patched regularly.
<input checked="" type="checkbox"/>	I will not "sync" the data to a mobile device.
<input checked="" type="checkbox"/>	In the event that my laptop with data on it is lost, stolen or hacked, I will immediately contact Moffitt or Caspi.
<input checked="" type="checkbox"/>	I will not share the data with anyone, including my students or other collaborators not specifically listed on this concept paper.
<input checked="" type="checkbox"/>	I will not post data online or submit the data file to a journal for them to post.  <i>Some journals are now requesting the data file as part of the manuscript submission process. Study participants have not given informed consent for unrestricted open access, so we have a managed-access process. Speak to Temi or Avshalom for strategies for achieving compliance with data-sharing policies of journals.</i>
<input checked="" type="checkbox"/>	I will delete all data files from my computer after the project is complete. Collaborators and trainees may not take a data file away from the office.  This data remains the property of the Study and cannot be used for further analyses without an approved concept paper for new analyses.

**Signature: Nicholas Fox, PhD**

## CONCEPT PAPER RESPONSE FORM

### A

Provisional Paper Title	NA
Proposing Author	Nicholas Fox, PhD
Other Contributors	The Center for Open Science (COS)
Potential Journals	NA
Today's Date: 9/4/2020	
Intended Submission Date: NA	

***Please keep one copy for your records and return one to the proposing author***

**B.** To be completed by potential co-authors:

<input checked="" type="checkbox"/>	Approved
<input type="checkbox"/>	Not Approved
<input type="checkbox"/>	Let's discuss, I have concerns

Comments: [Click here to enter text](#)

Please check your contribution(s) for authorship:

<input checked="" type="checkbox"/>	Conceptualizing and designing the longitudinal cohort study
<input checked="" type="checkbox"/>	Conceptualizing data collection protocols and creating variables
<input checked="" type="checkbox"/>	Data collection
<input type="checkbox"/>	Conceptualizing and designing this specific paper project
<input type="checkbox"/>	Statistical analyses and interpretation (or reproducibility check)
<input type="checkbox"/>	Writing
<input type="checkbox"/>	Reviewing manuscript drafts
<input checked="" type="checkbox"/>	Final approval before submission for publication
<input type="checkbox"/>	Agreement to be accountable for the work
<input checked="" type="checkbox"/>	Acknowledgment only, I will not be a co-author

**Signature:** Terrie Moffitt