

## Postdoctoral position to work on COVID-19 meta-research

Applications are invited for a full-time post-doctoral position to study the reliability of scientific findings published in relationship to COVID19. The project is a collaboration between the research groups of [Salvador Soto-Faraco](#), at the Center for Brain and Cognition in Universitat Pompeu Fabra (Barcelona), and [Miguel Vadillo](#) at the Department of Psychology in Universidad Autonoma de Madrid. The position is funded by the [BBVA Foundation](#) project 'COREVID: Coronavirus Research EVIDence evaluation'.

### The position

We seek excellent and highly motivated candidates with a background in statistics, biomedicine, psychology or related fields, although all backgrounds will be considered if the candidate experience aligns with the project goals. Necessary: Programming skills (e.g., MATLAB, R, Python), familiarity with advanced statistical methods, and demonstrable experience in similar meta-research projects. Desirable: Experience with data mining. The project goal is to estimate the reliability of research outputs garnered during the COVID19 crisis using quantitative techniques such as p-curves [1], selection models [2], or tests for excess significance [3]. We will especially consider candidates who are eligible and stand good chances to continue their own research lines under a senior postdoctoral fellowship such as the [MSCF](#) or the [La Caixa Junior Leader](#).

1. Simonsohn, U., Nelson, L. D., & Simmons, J. P. (2014). P-curve: A key to the file-drawer. *Journal of Experimental Psychology: General*, 143, 534-547.
2. Vevea, J. L., & Hedges, L. V. (1995). A general linear model for estimating effect size in the presence of publication bias. *Psychometrika*, 60(3), 419-435.
3. Ioannidis, J. P. A., & Trikalinos, T. A. (2007). An exploratory test for an excess of significant findings. *Clinical Trials* 4, 245-253.

### Conditions

The position is full-time and will be funded for one year. Starting date: As soon as possible. Salary (before tax): up to 35,000 euros/year (according to experience). Remote working is possible, but occasional in-person meetings may be necessary in Madrid or Barcelona.

### Eligibility

The candidate must be able to legally work in Spain. PhD, or equivalent research experience.

### How to apply

Please, send an expression of interest (or other enquiries about the position) to [projectes.cbc@upf.edu](mailto:projectes.cbc@upf.edu). Include the following:

- C.V., a cover letter describing research interests, contact details of two academic referees, and a sample of your previous work (publication, thesis, and/or other scientific outputs).

Please, mention that you are applying to the BBVA POSTDOCTORAL position in the email subject. We will consider candidates until the position is filled.