



## **Job offer: Postdoctoral Position in Applied Statistics in Social and Human Sciences at École Normale Supérieure de Rennes (ENS)**

### **About ENS Rennes**

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École Normale Supérieure de Rennes (ENS Rennes) is a prestigious public institution of higher education and research, renowned as one of the major French Grandes Ecoles. We specialize in educating the next generation of researchers and leaders in a variety of disciplines, including economics, law, management, computer science and telecommunications, mathematics, mechatronics, and sport sciences and physical education.

### **Location**

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École normale supérieure de Rennes, Campus Ker Lann, Bruz (Near Rennes, France).

### **Position overview**

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The Department of Sport Sciences and Physical Education of the ENS Rennes is seeking a motivated **postdoctoral researcher** in Data Science to join the **Youth Health From a Holistic Perspective (YEAH!)** project, funded by the HORIZON research and innovation actions program.

The YEAH! project aims to co-create an innovative intervention using digital solutions to promote social interactions that empower children and adolescents to make lifestyle choices that benefit their health and well-being. The intervention will be both **personalized** and designed to **reach a large proportion of children and adolescents** in the EU.

We are seeking a researcher with strong data analysis skills to conduct systematic review and meta-analyses to identify **socio-environmental, interpersonal, and individual determinants** of youth health behaviors.

The successful candidate will work under the supervision of Professor Boris Cheval and collaborate with other Horizon researchers specializing in large-scale data analysis.

## Key responsibilities

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- Lead the development of Work Package 1 (WP1) for the YEAH!, focusing on analysis of exposome-related cohort data in children and adolescents.
- Conduct **systematic review** and **meta-analyses** to identify the key determinants of health behaviours and health outcomes.
- Conduct hypothesis- and data-driven statistical analyses linking socio-environmental, interpersonal, and individual exposures to health behaviors and outcomes.
- Write and publish scientific papers based on the findings.
- Present research progress at international conferences and consortium meetings.
- Contribute to the Horizon report for WP1.

## Required qualifications

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- Ph.D. in data science, biostatistics, bioinformatics, mathematics, physics, or a related field; or a Ph.D. in the biomedical or social sciences with significant expertise in data analysis.
- Experience in systematic review and meta-analyses.
- Proficiency in the management and analysis of epidemiologic data.
- Experience with complex statistical analysis, with advanced skills in R.
- Strong writing and communication skills in English.

## Desired Skills

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- Ability to work independently as well as a team player.
- Strong organizational and problem-solving skills.
- A proactive mindset with a willingness to take initiative.
- Strong verbal and written communication skills.
- Flexibility to adapt to changing project needs.

## Working Conditions

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- Duration: 2 years
- Starting date: First half of 2025 (ideally)
- Contract: Full time, fixed-term contract.
- Salary Range: Competitive, based on qualifications and experiences

## **Application Process**

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To apply, please send your CV and a cover letter detailing your research interests and experience to [boris.cheval@ens-rennes.fr](mailto:boris.cheval@ens-rennes.fr). Applications will be reviewed on a rolling basis until the position is filled.

We encourage applicants from diverse backgrounds, including but not limited to gender, race, ethnicity, religion, age, sexual orientation, physical ability, and political views.

## **Selection process**

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There are two stages to the selection process:

1. **Technical Interview:** An interview with the research team to assess skills and qualifications.
2. **Final Interview:** A meeting with HR to finalize the candidate selection and discuss contract terms.

For further information, please contact [boris.cheval@ens-rennes.fr](mailto:boris.cheval@ens-rennes.fr).