



## Post-doc in Transportation

### Job description

The post-doc researcher will work within the Bocconi-AXA Joint Research Initiative “Sharing behavior and risk attitudes in the urban world” and will contribute to the analysis of the behavioral aspects of the sharing economy in the urban mobility sector, with particular focus on the endowment effect and on the reference point.

Individuals tend to behave asymmetrically in many situations, that is they tend to react differently to prospective losses and gains. Consequently, their risk taking behavior is significantly affected by such preferences. Furthermore, their preferences might be affected by a psychological reference point that influences their preferences and also their risk taking behavior. In other words, consumers may weigh gains and losses and their relative probabilities differently, hence producing behaviors which might appear as counterintuitive given standard rational decision making theories. These findings are well established in the behavioral economic and decision making literature, but have attracted limited attention in the transportation and urban studies fields.

To fill this gap, the Bocconi-AXA Joint Research Initiative will study, among other things, how the endowment effect and the reference point may affect risk attitudes of drivers. The post-doc researcher will contribute to the analysis of data on driving behavior on a large sample of drivers. The source of these data are black boxes currently placed on cars insured by AXA that collect information on speed, brakes, swerves, distances. The analysis will be aimed to

- construct coherent measures of risk taking behavior
- test whether driving behavior changes around promotion/demotion of insurance merit class

Furthermore the researcher will contribute to set up a laboratory experiment on the endowment effect on driver risk taking behavior and on the analysis of data on driving behavior on a large sample of drivers.

The ultimate goal of the job is to produce research potentially publishable into top journals.

### Requirements

A PhD in Transportation, Decision Sciences, Economics or Statistics is desirable. Specific experience in setting laboratory experiment and/or managing large transport datasets will be greatly appreciated.

### Conditions of employment

The position is for meant for 18 months (with possible extension) to start as soon as possible with a competitive salary. Net salary will depend on the status of the researcher (there is a substantial tax abatement for foreigners and for Italians abroad; however, the eligibility for the program “Rientro dei cervelli” needs to be checked).

The researcher will work within the Department Social and Political Sciences at Università Bocconi in Milan.

The reference for this position is Marco Percoco ([marco.percoco@unibocconi.it](mailto:marco.percoco@unibocconi.it)).

**Application procedures**

Applicants are requested to send their CV and a sample of authored papers to [certet@unibocconi.it](mailto:certet@unibocconi.it) by June 15. Job interviews will take place during the following week.

**Bocconi**