

Léonie SANGELY
Chargée de mobilité internationale

—
+33 (0)1 81 87 49 41
ri-incoming@ens-paris-saclay.fr

FIELD

(Behavioral and Experimental Economics)

Thesis subject title:
Experimental analysis of the risk management behavior of rural-to-urban migrants in China.

- Laboratory name: CEPS
- PhD supervisor (contact person): François PANNEQUIN
- Name:
- Position: Associate Professor (MCF HDR)
- E-mail: francois.pannequin@ens-paris-saclay.fr
- Phone number: 06 20 98 44 96
- Thesis proposal (max 1500 words):

The thesis will be based on laboratory and field experiments to study the insurance and prevention behaviors of migrant populations and to provide a comparison with the rest of the people. Intuitively, we may think that migrants are more inclined to take risks since the decision to migrate to find employment may be considered risky. However, because of their migrant status, they could be exposed to more risks than other individuals. The combination of these elements could lead them to react differently to risk management, and this specificity could be of interest to public authorities.

The first stage of the thesis will be dedicated to the experimental measurement of risk aversion and ambiguity aversion for the two groups of population (migrants and non-migrants). These measures will be carried out both in the loss and gain domains.

In the second part, the prosocial behaviors of migrants will be studied with laboratory and field experiments. Using standard experimental tools – Trust Game, Dictator Game, Gift Exchange Game – the aim will be to characterize the behaviors of trust and reciprocity of migrants. Several treatments will be applied to observe these social preferences in different contexts: only between migrants, only between

non-migrants, and between migrants and non-migrants. Indeed, from a public policy perspective, it may be interesting to characterize social distancing between different communities.

In the final part, risk management behaviors will be discussed. In the experimental settings, subjects will face risky situations and have the opportunity to invest in insurance and prevention to manage these risks. As before, the experiments will make it possible to identify the differences in behavior between migrants and non-migrants. A relevant refinement of protocols already used in experimental insurance could be to add a background risk to the insurable risk. If subjects are expected to invest more in insurance and prevention in the presence of uninsurable background risk, migrants may be less sensitive to it.

- Publications of the laboratory in the field (max 5):
 - Corcos, A., F. **Pannequin** and Montmarquette, C., 2021, How an All-or-Nothing insurance behaviour challenges economic policies: an experimental approach, *Economic and Political Studies*, 9:1, 4-16.
 - **Pannequin**, F., Corcos A. and C. Montmarquette, 2020, “Are insurance and self-insurance substitutes? An experimental approach”, *Journal of Economic Behavior & Organization* 180, 797-811.
 - Corcos A., **Pannequin** F. and C. Montmarquette, 2020, « How the demand for insurance became behavioral”, *Journal of Economic Behavior & Organization* 180, 590-595.
 - Corcos A., **Pannequin**, F., and C. Montmarquette, 2017, “Leaving the market or reducing the coverage? A model-based experimental analysis of the demand for insurance,” *Experimental Economics*, 20(4), 836–859.
 - Corcos, A., **Pannequin**, F. and S. Bourgeois-Gironde, 2012, "Is trust an ambiguous rather than a risky decision?", *Economics Bulletin*, Vol. 32 No. 3 pp. 2255-2266.
-
- Joint Phd (cotutelle) : NO
 - Co-directed PhD : YES

In case of a Co-directed or a Joint PhD, please detail:

- Partner University name University/ENS Paris-Saclay
- Laboratory name and web site: CEPS
- PhD co-director (contact person): Thomas VENDRYES
- Name: Thomas VENDRYES
- Position: Associate Professor (MCF)
- E-mail: thomas.vendryes@ens-paris-saclay.fr
- Phone number: (+33) (0) 1 81 87 53 26

-
- Provisional duration and timetable of the PhD student stays at the ENS Paris-Saclay

3 years, from September 2023 to August 2026.

- If previous collaborations with the Chinese codirector/university, please detail:

Thomas Vendryes has stayed at the Beijing Normal University as an invited researcher from November 2009 to May 2011, under the invitation of Prof. Li Shi.

- Interest of the Joint Phd for the French codirector, for his/her laboratory, for ENS Paris-Saclay

The ENS Paris-Saclay and in particular its Economics Research Center, the CEPS, are looking forward to developing their international partnerships and relationships, especially in countries where such partnerships are so far limited, and that are of special interest from an economics' point of view – such as China.

This PhD project would be supervised by two CEPS researchers, François Pannequin, specialist of risk and insurance issues, and Thomas Vendryes, who has extensively worked on China, and especially rural-to-urban migrants. This PhD project would then perfectly into their respective and joint research dynamics.

Date: November 21, 2022

Signature of the PhD director



Name and signature of the Laboratory director

Olivier Bos

