

# JUAN DIEGO LUKSIC

Paris School of Economics  
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## RESEARCH FIELDS

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Development Economics, Economics of Education and Migration, Labor and Public Economics.

## DOCTORAL STUDIES

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**Paris School of Economics** 2017 - 2021 (*Expected*)  
Ph.D. in Economics (Advisor: Karen Macours)

## PRIOR EDUCATION

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**Paris School of Economics** 2015 - 2017  
M.A. in Economics, Analysis and Policy in Economics  
**Universidad Catolica de Chile** 2005 - 2010  
B.A. Economics and Administration

## WORKING PAPERS

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### 1. Can immigration affect skills based neighborhood effects? (JMP)

*Abstract:* How does immigration changes the opportunities of native children? I study this question focusing on 4th-grade test scores in the context of the recent migratory phenomenon in Chile, where from 2012 to 2019 immigrant population increased from near 1% to 9%. Following Chetty and Hendren's (2018) methodology, I estimate each municipality' effect on test scores using a fixed effect regression model identified by students who move across municipalities at different ages. Then I construct a shift-share instrument taking shares from the 2002 census and estimate the impact of immigrant arrivals on municipality effects. On average, I find a negative impact of foreign students on municipality effects. My estimation suggests that an increase of 1 standard deviation of immigrant students lowered students' test scores by 1.2 percentiles rank per each year spent. This effect is not directly caused by exposure to immigrant students. I show -using within school or municipality variation- that the negative impact on test scores is not explained by peer effect within class or school grade. My findings instead are consistent with an increase in socio-economic segregation across schools induced by native flights.

### 2. Impact of a large earthquake and tsunami on human capital formation.

*Abstract:* This paper exploits geospatial variation to study the impact of a large earthquake and tsunami in Chile on educational outcomes at different ages during school. Using cross-section and panel data, I examine the short and long-term effects of this event on academic and non-cognitive skills, repeat, and dropout. I show first that this catastrophe accounts for fewer days of formal education - because of school damage- and in the case of the tsunami, an increase of post-traumatic stress disorder prevalence among adults of kids household. I find that the tsunami has a negative effect on academic skills, but the earthquake did not. Children exposed to the tsunami were not affected during primary education but during lower secondary education. This effect varies with the age of exposure, and it is U-shaped: younger and older than nine years old kids are unaffected. These results are consistent with the critical-age literature, where younger kids are more affected but are more responsive to coping and catch-up while older kids are less affected.

## WORK IN PROGRESS

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**Better together: centralized university admission systems, student's choices, and long term outcomes** (With Nicolas Navarrete)

**Land invasions and skills measurements in rural Colombia** (With Rachid Lajaaj and Karen Macours)

## TEACHING, WORKING AND RELEVANT EXPERIENCES

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### Teaching

*Université Paris 1 Panthéon-Sorbonne* - Econometrics (Graduate) and Probability (Undergraduate)

*World Bank* - Mini-course: Introduction to psychometrics (Internal staff)

*INFOCAP* - Finance and Economic workshops (Union leaders)

*Universidad Catolica de Chile* - Finance (Graduate)

### Working experience

*Education Quality Assurance (Chilean Government)* 2012 - 2015

Head of New Assessments Unit

Deputy Head of SIMCE

## FELLOWSHIPS AND GRANTS

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**Becas Chile** 2017 - 2021

**Temporary teaching and research associate [ATER] Paris 1 Panthéon-Sorbonne** 2020 - 2021

## PERSONAL

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### Citizenship

Chilean

### Languages

English (Fluent), Spanish (Native), French (Advanced)

### Programs

R, Stata, Matlab

## REFERENCES

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### **Professor. Karen Macours**

*Paris School of Economics, 48 Boulevard Jourdan, 75014, Paris, France*

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### **Professor. Marc Gurgand**

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### **Professor. Hillel Rapoport**

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## PSE JOB MARKET CONTACT

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