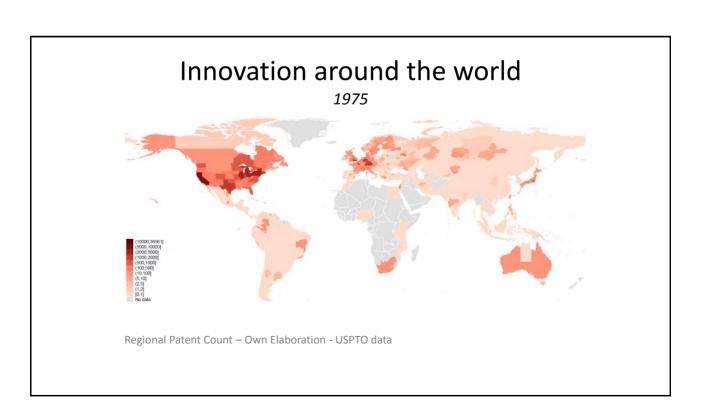


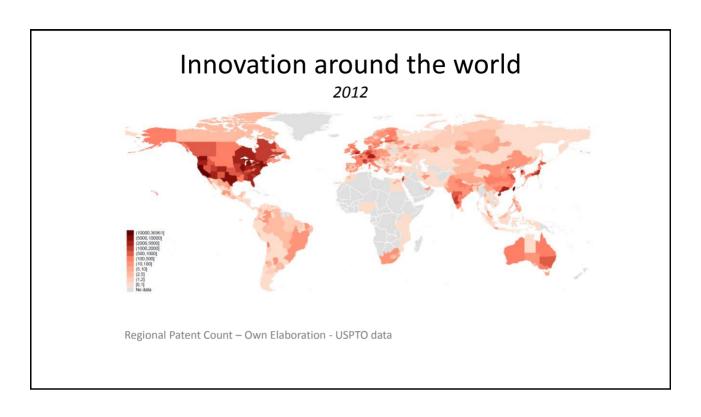


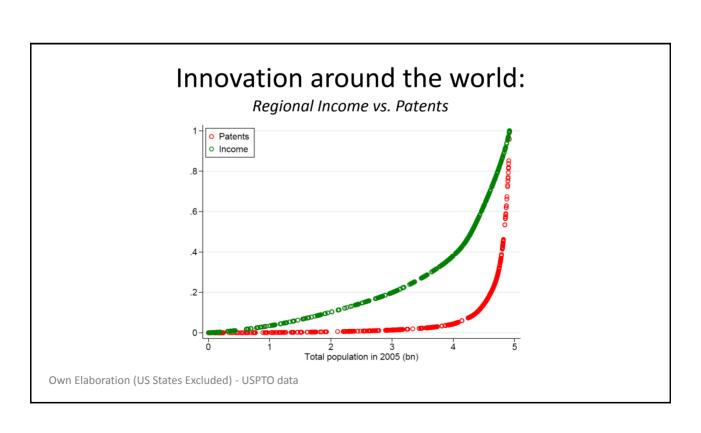
# Foreign Investment and innovation in regions across the globe

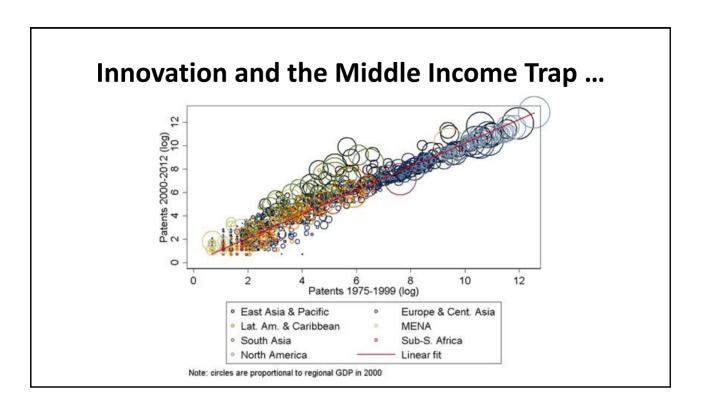
Riccardo Crescenzi London School of Economics

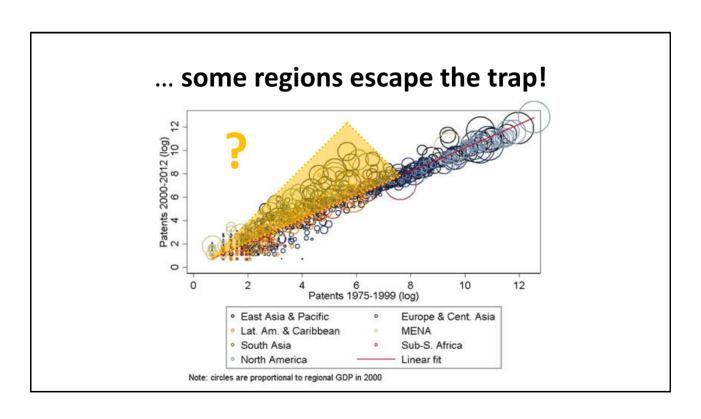


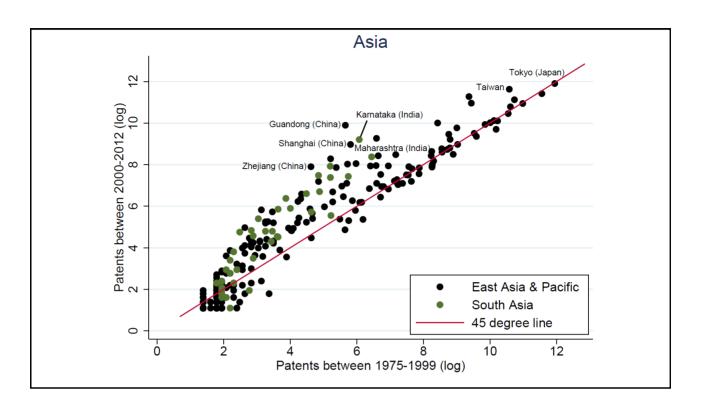


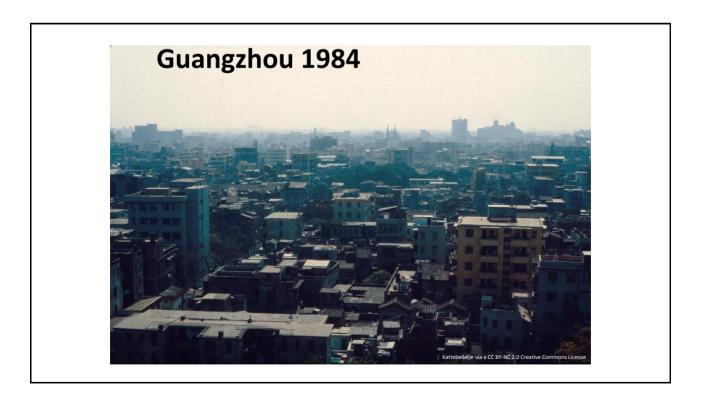




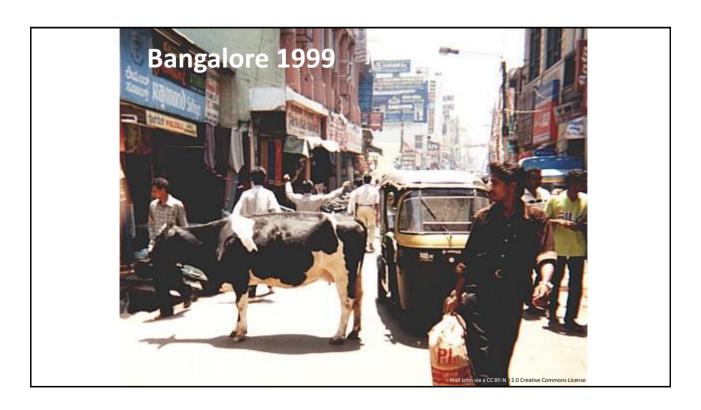




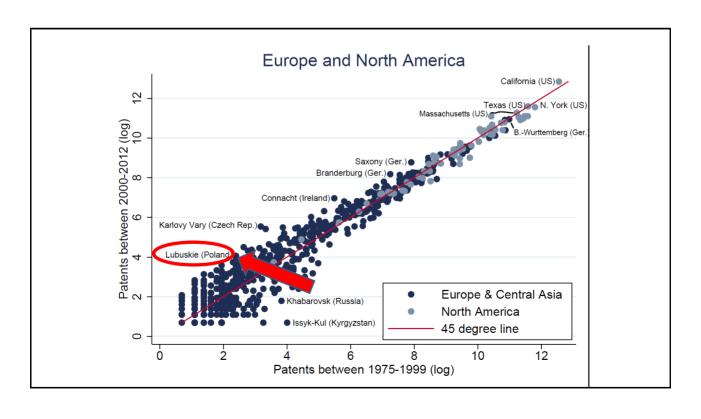








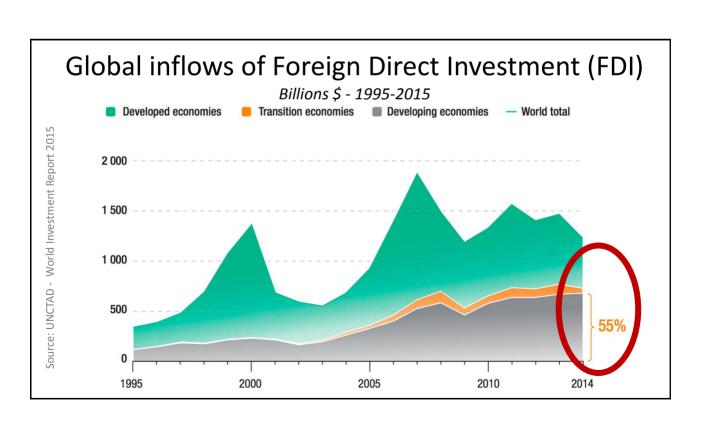






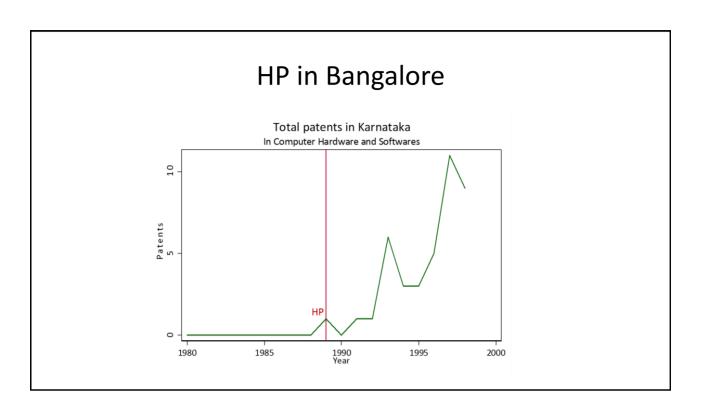


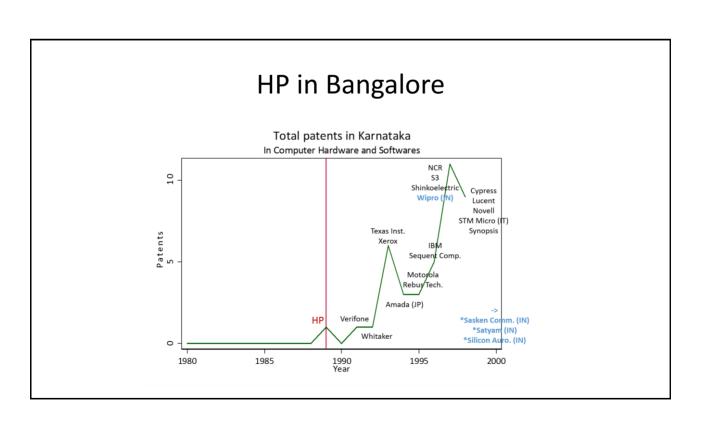
# Some regions have escaped ... How?



"Between 2000 and 2015 the number of MNE R&D centres in emerging countries grew by a factor of five, while in the Triad countries this number merely doubled" Global Innovation Index Report, 2016

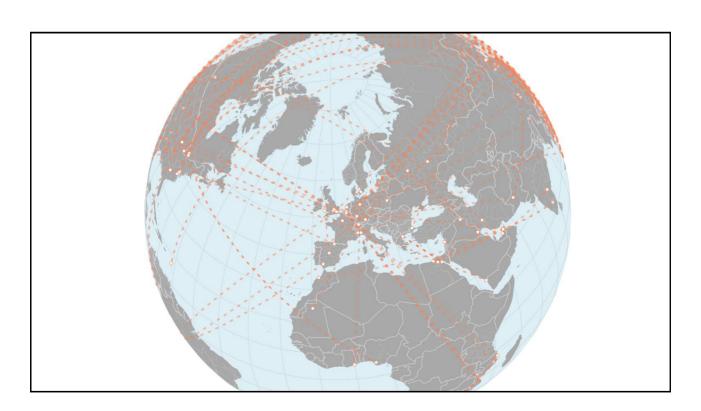
# Foreign Investment in R&D activities 2004-2014 Inward FDI projects, Regional Cumulative Capex, Millions \$ – Own Elaboration – FDI Markets Data

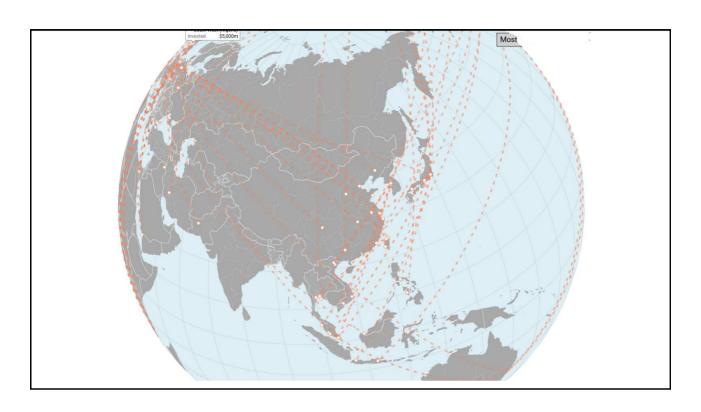


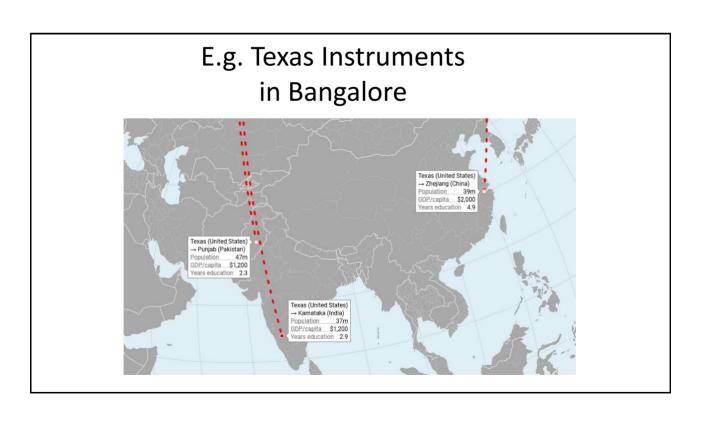


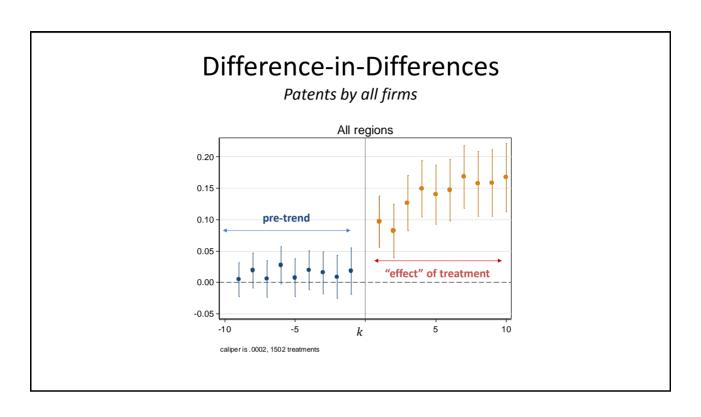
### FDI to 'escape' the trap?

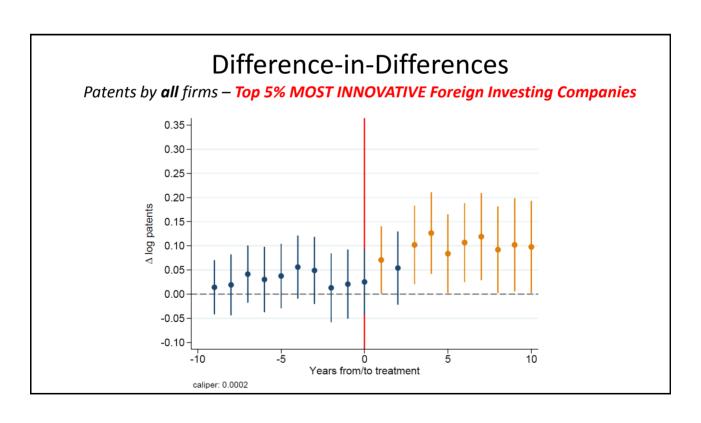
- Crescenzi, Dyevre & Neffke looked into the innovation performance of 1,528 regions, from 83 countries between 1975 and 2012
- We relied on US Patent and Trademark Office data on 3.6 million distinct inventors, 6.0 million patents from all over the world
- Patents in 1,240 3-digit patent classes
- 'Matched' regions receiving for the very first time a foreign firm
  pursuing innovative activities in their economy with a region very similar
  in terms of its observable characteristics and economic pre-trends but
  that did NOT receive any foreign investment leading to innovation

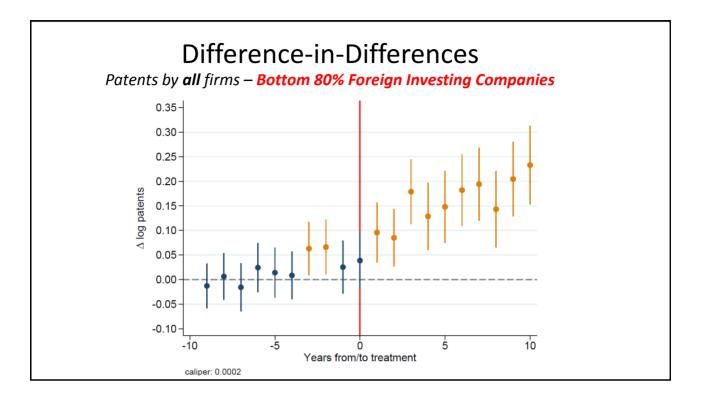










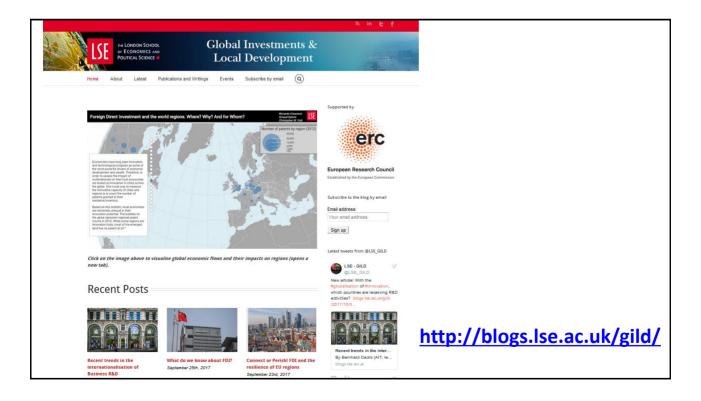


### Not all Foreign Firms are good partners

- It's not the usual suspects that matter!
- The top tech giants that all countries and regions fight to attract (at a huge cost) – are less likely to generate local innovation
- Why?
  - We showed that they are more effective in retaining their staff and less likely to hire local workers (less circulation on the labour market)
  - New ideas generated by the 'giants' are less likely to be used and absorbed by local firms (technological distance)

### Points for discussion

- Escaping the Middle Income Trap is far from easy ... but some regions and cities make it to the top
- It is hard to make it alone
- There is no alternative to openness and internationalisation
- The 'usual suspects' are not always the most helpful
- Regions and cities should embrace globalisation with a critical attitude and make evidence-based decisions on their future



## Acknowledgements



### **European Research Council**

Established by the European Commission

The research leading to these results has received funding from the European Research Council under the European Union's Horizon 2020 Programme H2020/2014-2020 (Grant Agreement n 639633-MASSIVE-ERC-2014-STG).

All errors and omissions are our own





### Riccardo Crescenzi

London School of Economics

r.crescenzi@lse.ac.uk

**Linked** in. linkedin.com/in/riccardocrescenzi @crescenzi\_r