

Introduction

- Brexit
- Trump
- Press the Panic Button Please!
- Competitiveness under exam

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

Introduction

- Competitiveness
- · Meeting international market
- In an era of emerging countries (low wage, good skill)
- Inequalities
- Franxit, Germanxit, Hungaryxit?

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

Introduction

- Competitiveness
- GOOD firms
- BAD enlarged to Nation, more poorly defined, wrongdoing
 - · no bottom line
 - · externalities
 - · growth is related to productivity

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

Introduction

- Competitiveness
- Consensual definition

"Competitiveness is our ability to produce goods and services that meet the test of international competition while our citizens enjoy a standard of living that is both rising and sustainable" Laura D'Andrea Tyson 1992

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

Introduction

Competitiveness
 EU competitiveness policy has been enlarging to Regions

Issue: GOOD or BAD?

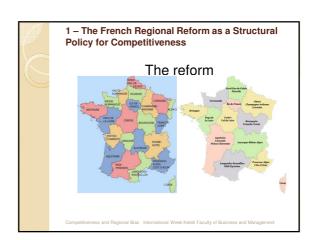
Research: Looking for a competitiveness bias

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

CONTENT

- 1 The French Regional Reform, a Structural Policy for Competitiveness
- 2 The Regional Competitiveness Index: A « Shanghaï-ranking- shape» European Commission Policy
- 3 Looking for Competitiveness with Cambridge Econometrics and Gabor Bekes.
- 4 The Paul Krugman's Competitiveness Bias
- 5 Competitiveness Bias and The Regional Issue
- 6 The Bias Study: Tests, Model, Results

Competitiveness and Regional Rise. International Work Keleti Faculty of Business and Manageme



1 – The French Regional Reform as a Structural Policy for Competitiveness

- « ...Je propose donc de ramener leur nombre de 22 à 14. Elles seront ainsi de taille européenne et capables de bâtir des stratégies territoriales »
- We Demain, ces grandes régions auront davantage de responsabilités. Elles seront la seule collectivité compétente pour soutenir les entreprises et porter les politiques de formation et d'emploi, pour intervenir en matière de transports... Elles auront en charge l'aménagement et les grandes infrastructures.....Cette grande réforme s'inscrit dans la volonté de moderniser notre pays et de le rendre plus fort »

François Hollande The French Republic President

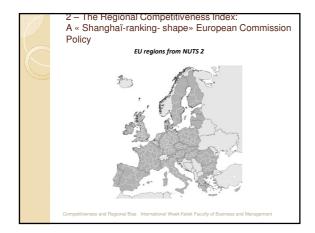
Competitiveness and Regional Bias International Week Keleti Faculty of Business and Managemen

1 – The French Regional Reform as a Structural Policy for Competitiveness

Conclusion:

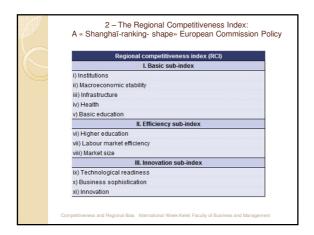
The French State wants Regions to become a "competitiveness" policy tool. This is also the willing of the European Commission in its "Competitiveness Obsession".

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management



2 – The Hegional Competitiveness Index: A « Shanghaï-ranking- shape» European Commission Policy

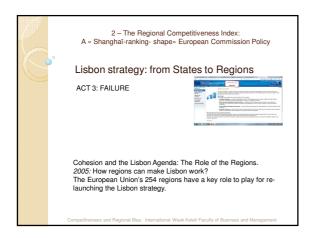
For improving the understanding of territorial competitiveness at the regional level, the European Commission has developed the Regional Competitiveness Index (RCI) that shows strengths and weaknesses of every EU NUTS 2 regions.













2 – The Regional Competitiveness Index: A « Shanghaï-ranking- shape» European Commission

Consequence 1: Regional Competitiveness Obsession Policy

this obsession is related to a focus on trade performance, trade surplus, the credo that good jobs are in the export sector, high value-added sector is export one, innovative and high-technology firms is synonym of high value-added.

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

2 – The Regional Competitiveness Index: A « Shanghaï-ranking- shape» European Commission Policy

Consequence 2:

For Regions, the "Competitiveness" Obsession may turn regional policy towards a "base" development model benchmarking at the expense of other benchmarking: "domestic" development model, global productivity development model

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

2 – The Regional Competitiveness Index: A « Shanghaï-ranking- shape» European Commission Policy

Tiebout (1960): "the economic activities of a region are divided into those producing for the export market and those producing for the local market. In defining exports, allowance is made for such items as the income of commuters, capital flows, government transfers, and linked industries, all income coming from outer source

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

2 – The Regional Competitiveness Index:
A « Shanghaï-ranking- shape» European Commission
Policy

- Theoretical Benchmark model 1
- $\bullet Y = Y_x + Y_n$
- (1)
- C = g.Y

 $Y_n = b.Y$

- (2)
- Y_n = h.C
- (3) (4)
- Y_x = exogenously set

$$Y = \frac{1}{1 - h} Y_x$$

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

2 - The Regional Competitiveness Index:

A « Shanghaï-ranking- shape» European Commission Policy

The export base model: an old-fashion model

compared to all new models that has been emerging in the literature in the last thirty years (the growth model, the new economic geography model, the cluster model)

The export base model was first designed by Sombart (1916) stressing that urban development main factor was the income grabs from outside

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

2 - The Regional Competitiveness Index:

A « Shanghaï-ranking- shape» European Commission Policy

The Base model is always used by agencies and policy deciders when legitimating their decision by job or growth multiplier.

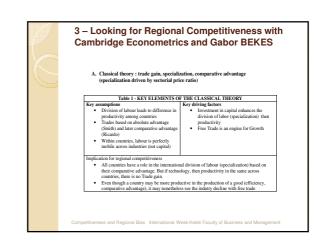
That's the case when a city looks at hosting a great international event (Olympic Games, Soccer World Cup) where inner economic fallouts are closely considered

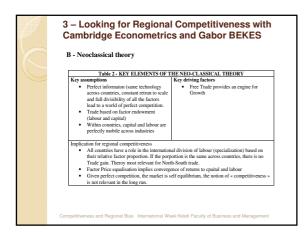
Even for minor event as considering a festival event on summer time.

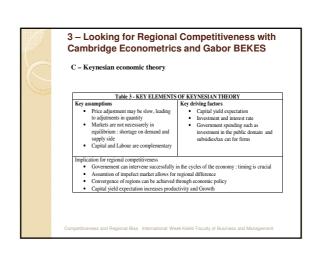
So we assume that the export base model is lining up with the regional policy-decider interest function: looking forward for a fast economic development, putting forward exports as a way to secure growth Deciders are prone to adopt an export base model as a benchmark

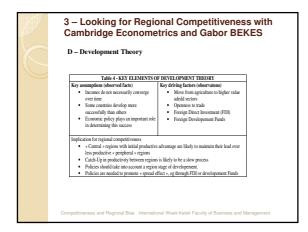
Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

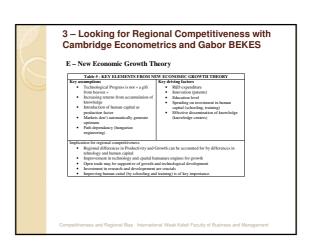


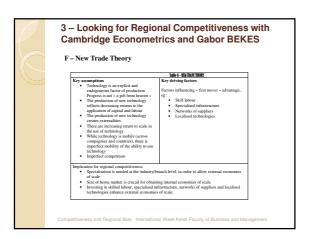












3 – Looking for Regional Competitiveness with Cambridge Econometrics and Gabor BEKES

Gabor Bekes Survey

- the relationship between agglomeration and performance
- the role of FDI in regions
- the key aspect of local institutions

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

4 – The Paul Krugman's Competitiveness Bias Competitiveness: a dangerous cheesing

- When deciders are focusing only upon international or interregional trade
- Then producing an emperor's intellectual wardrobe where competitive advantage, trade performance, export surplus are key words".

The BIAS:

- this wardrobe suit is full of "wrongdoings":
- Countries are not like firms
- export opportunities is import from other countries
- trade performance may turned into a living standard decline depending on trade terms

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

4 - The Paul Krugman's Competitiveness Bias

What is the nature of the bias?

Krugman:

"Competitiveness is tied to domestic productivity and not to the fabric of international champions"

The bias is relayed by Porter (1998, 2001) then by a large panel of scholars (Gardiner, 2004; Turok, 2004) in the region realm.

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

${\bf 5}$ - Competitiveness Bias: The Regional Issue

Krugman statement is well established for countries: following a base model as development policy benchmark may be wrong, domestic productivity secures living standard rising

But what for regions ?

· About competitiveness Bias

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

5 - Competitiveness Bias: The Regional Issue

- The regional level is different from the national one and the "competitiveness" concept may be there more consistent. As International / interregional trade is a larger part of their economy, focusing upon competitiveness may be more suitable as policy goal
- The export base model as a good benchmark depends on the boundary size of the considered locality
- the larger a region is, the less "benchmark consistent" for policy export base is. Inversely, the smaller a region is, the larger export base is

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Management

5 - Competitiveness Bias: The Regional Issue

The Base Development Model in Small Areas

If we consider an exchange economy with one people, this people is wholly dependent on his ability to export his services. For this person, the export base model is a good benchmark, as its standard of living is related to export income growth

Domestic services, activities produced by himself, gardening, cooking, tinkering plays no role as domestic dynamic force of development

5 - Competitiveness Bias: The Regional Issue

The Base Development Model when Area gets larger

When boundaries are enlarged, the export base sector should have a declining role in economic development, domestic activities and inner dynamic forces plays a larger role as drivers of the living standard standard.

In the regional economy, as the share of export is decreasing comparing to small areas, "the dynamic forces causing income shift will be found inside its borders" Tiebout (1960, p 161).

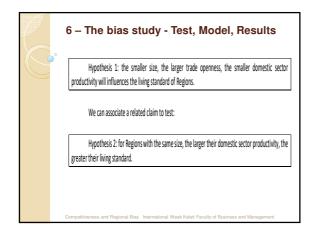
Theoretically: the larger an area is, the larger domestic sector productivity matters, the larger competitiveness bias is.

5 - Competitiveness Bias: The Regional Issue Region level and the productivity issue Gardener's Methodology. Living standard growth can be associated with the unique regional productivity factor. Although there is large list of influent factors at regional level extracted from NEG, Endogen growth, cluster approaches.

6 - The bias study - Test, Model, Results

Testing the role of the domestic sector in regional development?

the test answering the bias issue at regional level is very simple and oriented to answer to the question: do domestic sector productivity influence regional living standard? Ranging Regions according to their size, we will test the following hypothesis.



The model

Regions competitiveness model

 $Yi = \beta_{0i} + \beta_{1i}X_i + \beta_{2i}Z_{di} + \beta_{3i}Z_{bi} + u_i$

Where

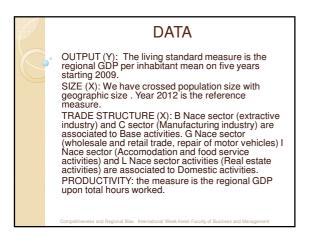
Yi is the standard of living of region i

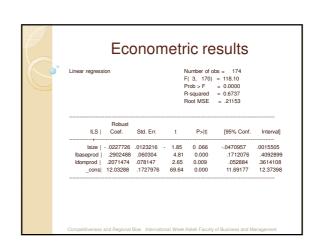
X is the export base size in the whole economy for region

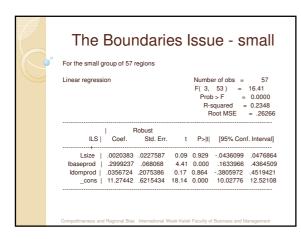
 $Z_{\mbox{\scriptsize di}}$ is the productivity of the domestic sector for region i Z_{bi} is the productivity of the base sector for region i

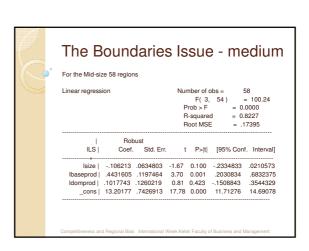
 $\beta_{0i},~\beta_{1i},~\beta_{di},~\beta_{bi}$ are respectively the intercept and coefficients attached to every variable

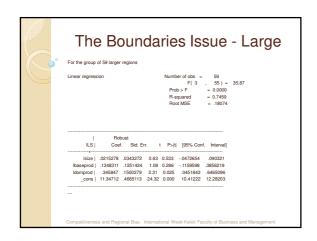
 u_{i} is the error term

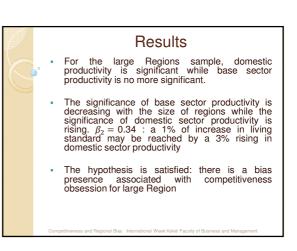












Conclusion

- The study has put forward the existence of a bias associated with a competitiveness obsession behavior at regional level.
- Consequence: EU regional policies tends to focus exaggeratedly to the base sector at the expense of the domestic sector productivity that is of real importance in the living standard.
- 3. Young entrepreneurs has more easily access to domestic sector (see microfinance role), there is a large innovative potential for growth if policy are orienting to young entrepreneur and domestic sector.

Competitiveness and Regional Bias International Week Keleti Faculty of Business and Managemen