Outside the Box: Cross-Border Dependency of Labour Market Issues in Luxembourg

LFS Workshop
GDANSK
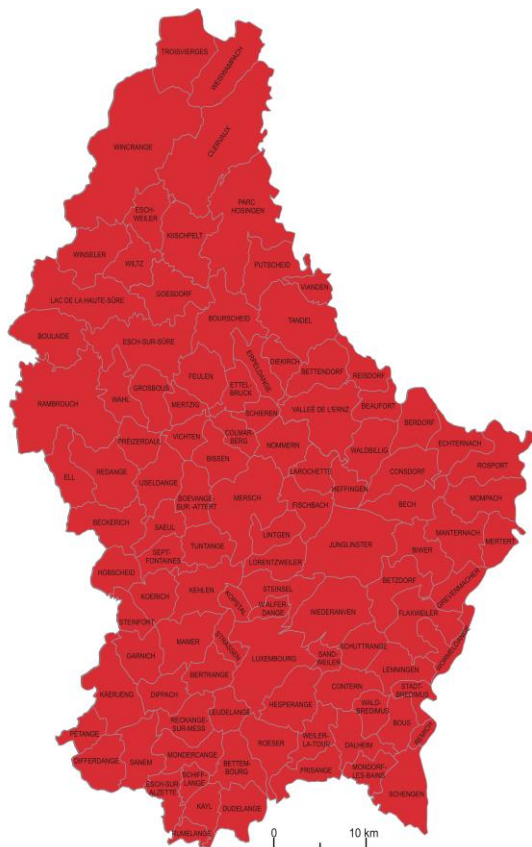
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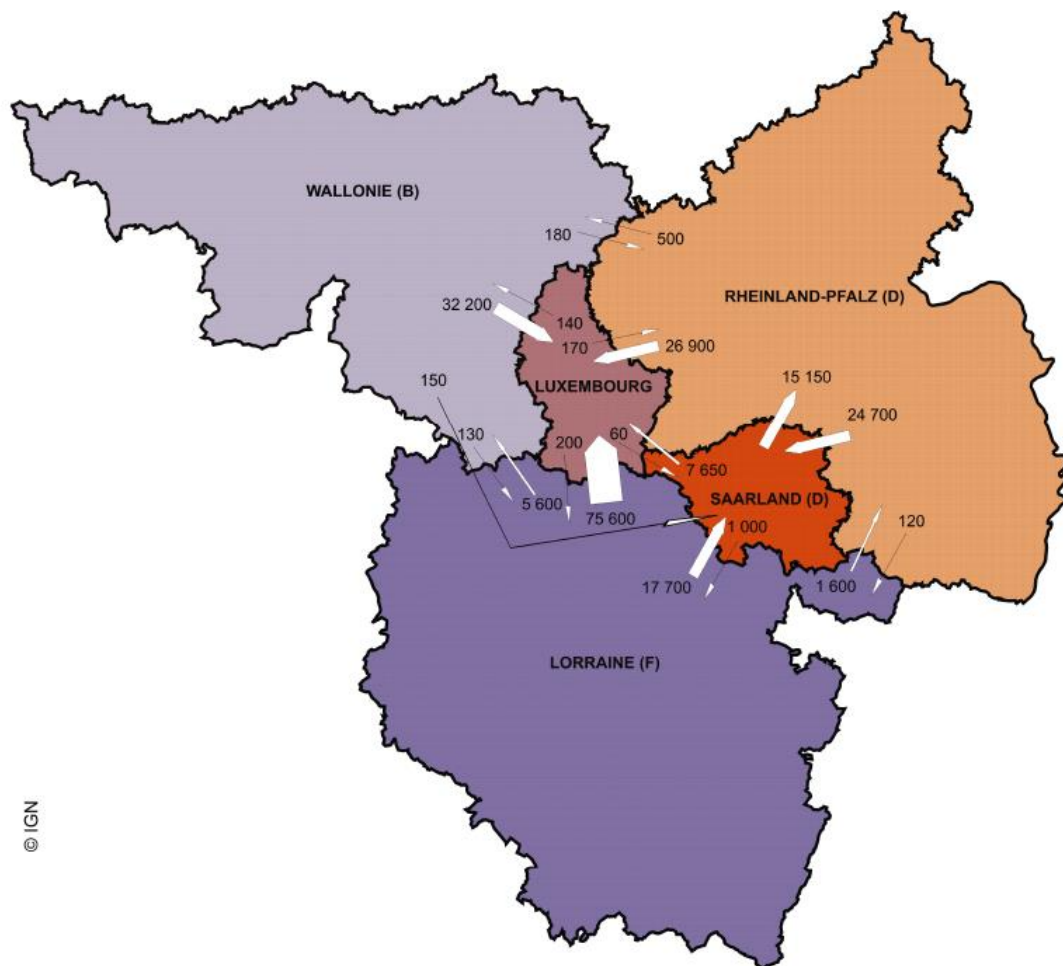# Luxembourg: Basic Facts (2011)

Inhabitants	Non-Nationals
512 000	43 %

Unemployment Rate
5.7 %

Basic Facts about the Greater Region (2011)

© IGN

WALLONIE (B)

RHEINLAND-PFALZ (D)

LUXEMBOURG

SAARLAND (D)

LORRAINE (F)

180   500
32 200
140
170   26 900
150   15 150
130   24 700
200   60
7 650
5 600   75 600   1 000
17 700   1 600   120

Inhabitants
11 417 000

Unemployment Rate
4.8 (RP) - 10.4 (Lorraine)

Commuters
210 000

Center of the Greater Region: **Luxembourg**
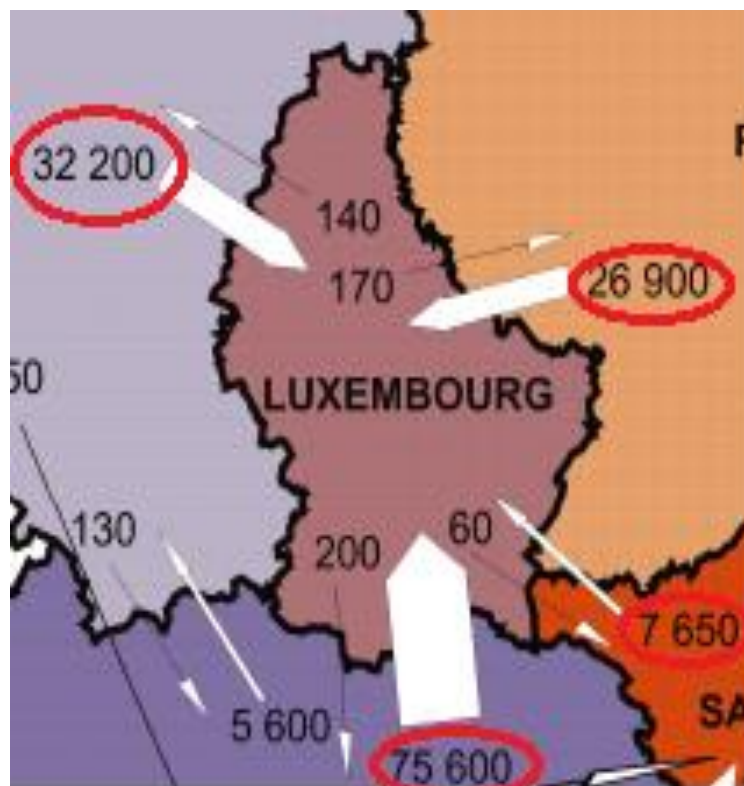
Commuters
143 000

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Active Population
225 000

Domestic Employment
368 000

Commuters (% of Domestic Employment)
39 %

Why using LFS Data?

- Comparable Data on <u>European</u> level

- Appropriate Sample Size on <u>regional</u> level

- Complementary information to administrative sources
    - → Study individual characteristics

Comparison of Commuters and Residents

STUDY

Comparison of **Commuters**   people living in one, working in another region - professional mobility

and **Residents**   people living and working in one region

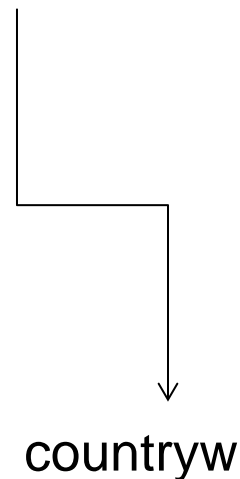**Descriptive Section and Logistic Regression Model**

Specificities of Selected Approach

LFS: Resident Population Concept

Group 1: **Residents**

→   Workplace Concept

Group 2: **Commuters**

countryw

Descriptive Section: Variables

Selected variables	
Person's characteristics	sex age hatlevel national
Employment Situation	temp wishmore ftpt isco
Firm level	sizefirm nace

Some Findings - Descriptive Section

More stable working conditions for Commuters:

$\rightarrow$ Less limited contracts
$\rightarrow$ Less Part time contracts

But: Wish to work more

$\rightarrow$ Unsatisfied with their actual income ?

Logistic Regression

Logistic Regression:
Joint influence of certain characteristics on the likelihood to commute

Pooling of data over last 3 years
Each Region is studied separately

Predictor Variables	
Person's characteristics	sex age marstat national
Education	hatlevel
Profession	isco

Some Findings: Logistic Regression

Predictor Variables		Results (if significant)
Person's characteristics	sex	Males more likely to commute than females (all regions)
	age	35-44: Reference 25-34 negative effect for Lorraine 45-64 negative effect all Regions
	marstat	Positive effect for Wallonie
	national	Other Nationality: Reference Nationality as country of Residence, positive effect for Lorraine, Wallonie and Rheinland-Pfalz Nationality EU-15: positive for all regions

Some Findings: Logistic Regression

Predictor Variables		Results (if significant)
Education	hatlevel	Secondary: Reference Negative for Primary, Positive for Tertiary; All regions
Profession	isco	4 Categories- Reference 2nd Findings vary across regions

Lessons Learned – Discussion (1)

Timeliness

- Timeliness of data

    (Data Treatment in 10/2011 referring to 2009)

Lessons Learned - Discussion (2)

Access to Data - Pooling

- Acess to Microdata: Eurostat-CD

    Exception: German Microdata
    Access ONLY by Forschungsdatenzentrum in Germany
    or Eurostat in Luxembourg
    (Administrative Procedure)

- Pooling of Data not possible

Lessons Learned – Discussion (3)

Weighting

- Small subsamples obtained from national datasets – Appropriate to use national weights?

- Which weights to use in case of pooled datasets?

Thank you for your kind attention!

[- questions?]