#### Discussion of

The Effects of the Free Movement of Persons on the Distribution of Wages in Switzerland

by Tobias Muller and Roman Graf

# This paper

 Relevant issue: impact of FMP on wages (not unemployment!) in Switzerland

 Counterfactual obtained via decomposition methods plus structural estimation (skill-cell approach)

Effects over the entire distribution (not only mean effect)

Non-parametric estimates of the elasticity of substitution

## Some background statistics

- 2002-06 vs 2007-11
- Gross inflows from 13 to 18 per 1000 inhabitants
- Gross outflows from 6.7 to 7.6
- Thus net increased by about 4 per 1000 inhabitants
- More than 70% from EU-EEA
- Increase of inflows from Italy, Portugal, Spain
- Unemployment among foreign twice as large as for natives
- Increase in skill level and EU-EEA flows since 1997 (Gerfin-Kaiser, 2010)

# Main findings

• Migrants/immigrants perfectly substitutable within secondary and tertiary education levels. Complementarity across education and experience levels

Counterfactual very close to factual

Wage moderation only midly related to FMP

Polarization in the distribution cannot be attributed to FMP

# Key issues

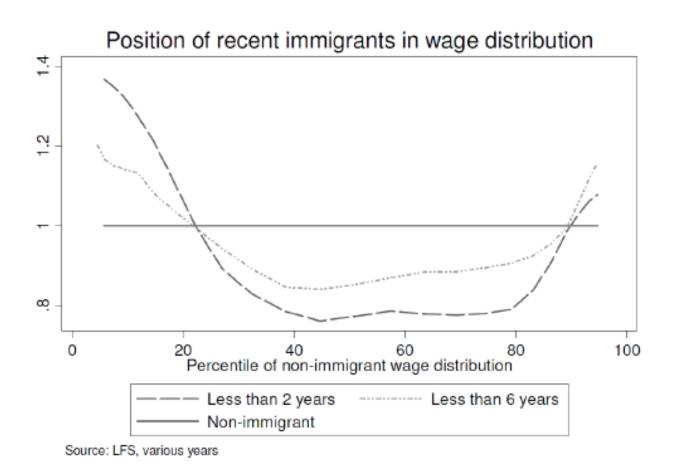
Skill downgrading

Regional differences

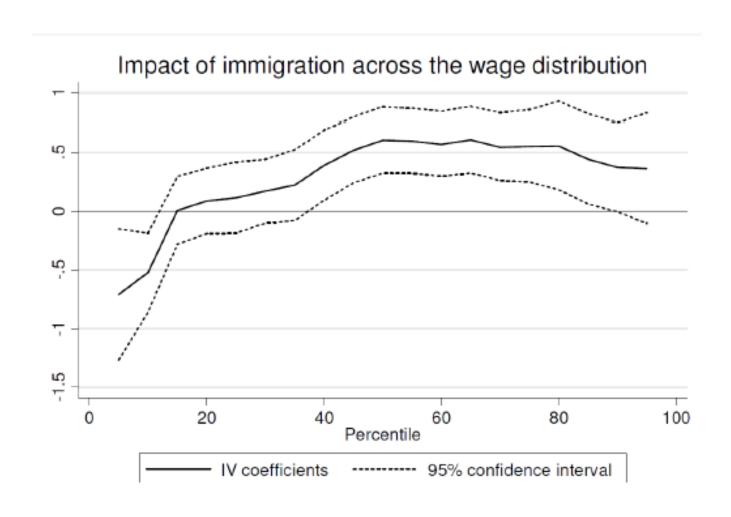
• 2008-9 crisis

Decomposition methods

# Skill downgrading



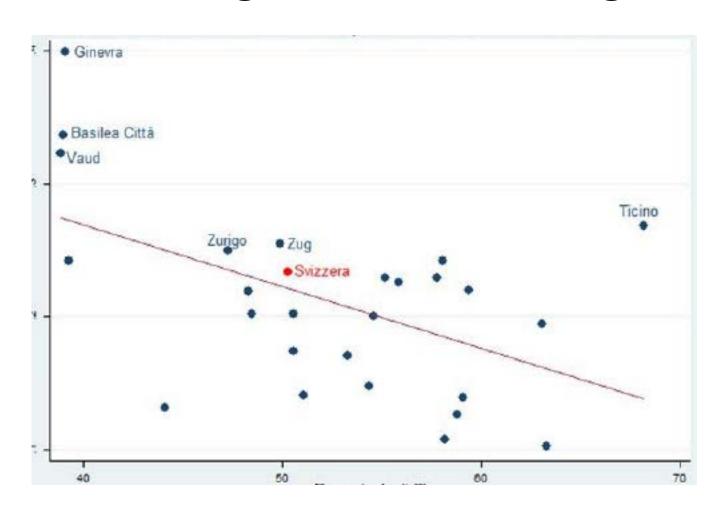
# Effects over the wage distribution



## Regional differences

- Migrants are not randomly allotted across Cantons
- Choices based on employment opportunities and real (residential housing costs taken into account) wages
- Important differences in labor taxes across regions
- Positive (non-negative) wage effects can be related to this regional sorting
- Important interactions with housing market
- Estimate area-specific elasticities of substitution?

# Presence of migrants and vote at the February 2014 referendum against mass immigration



#### 2008-9 crisis

Are there asymmetric effects over the cycle?

• Some decline of migration flows in 2009, but still large net inflows

Strong rebound during the recovery

• Increase of unemployment, decline in wages over the GR

## Decomposition

- Causality/correlations
- Selection effects. Ignorability
- It is still a partial equilibrium exercise (SCB study cumulative effect of over 3% on GDP).
- Omitted groups: first and second generation, origin of immigrants, location, firm-jobs characteristics
- Plans to go beyond? Looking for mechanisms