

# Do the immigrants take our jobs?

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European  
Commission

# Two hypotheses for testing

*Immigration leads to higher unemployment among nationals*

*Industries which employ many immigrants see decreases in earnings*

Two analytical groups: intra-EU immigrants and extra-EU immigrants

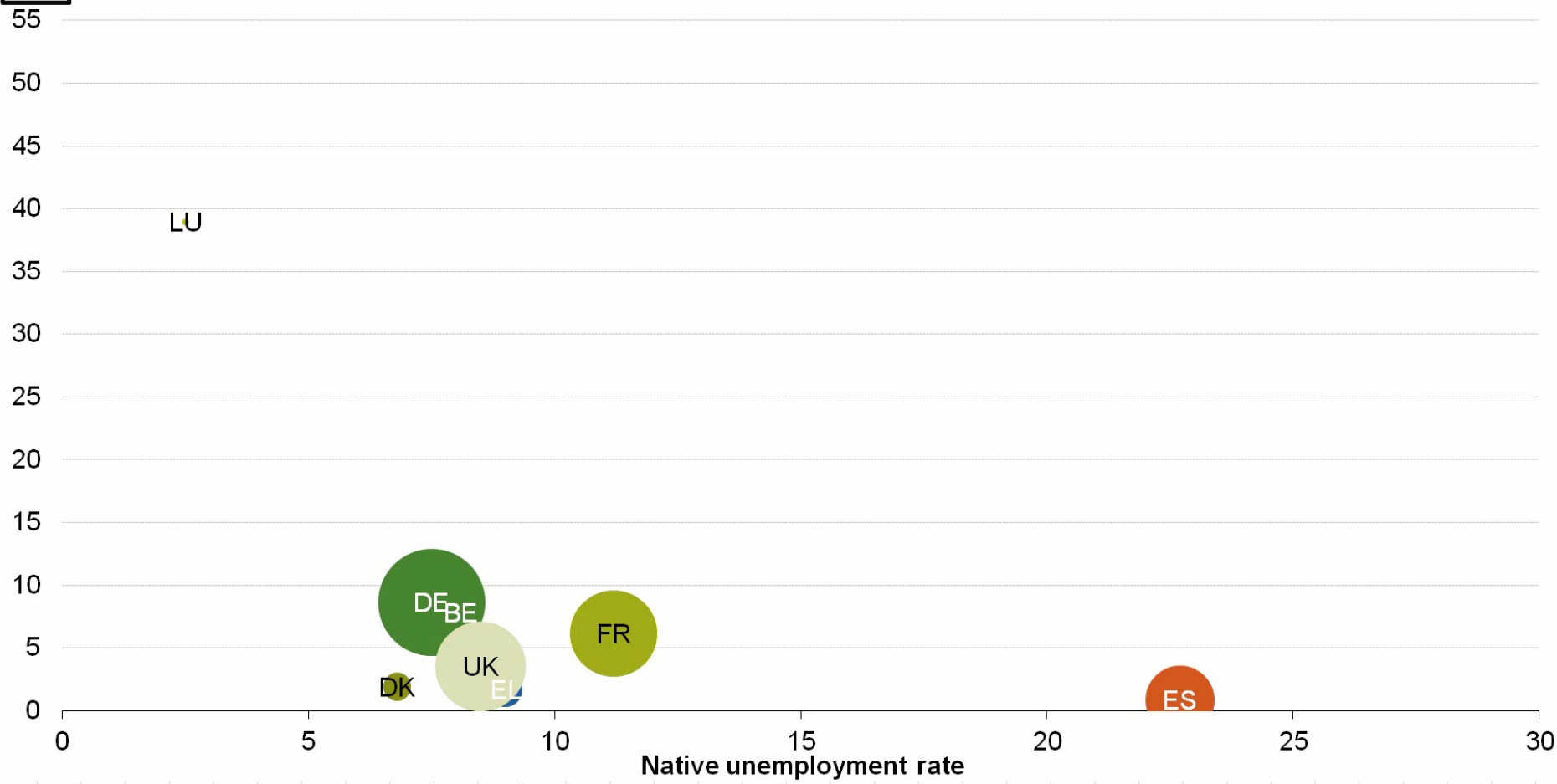
Correlation analysis ( $\tau_B$ )



European

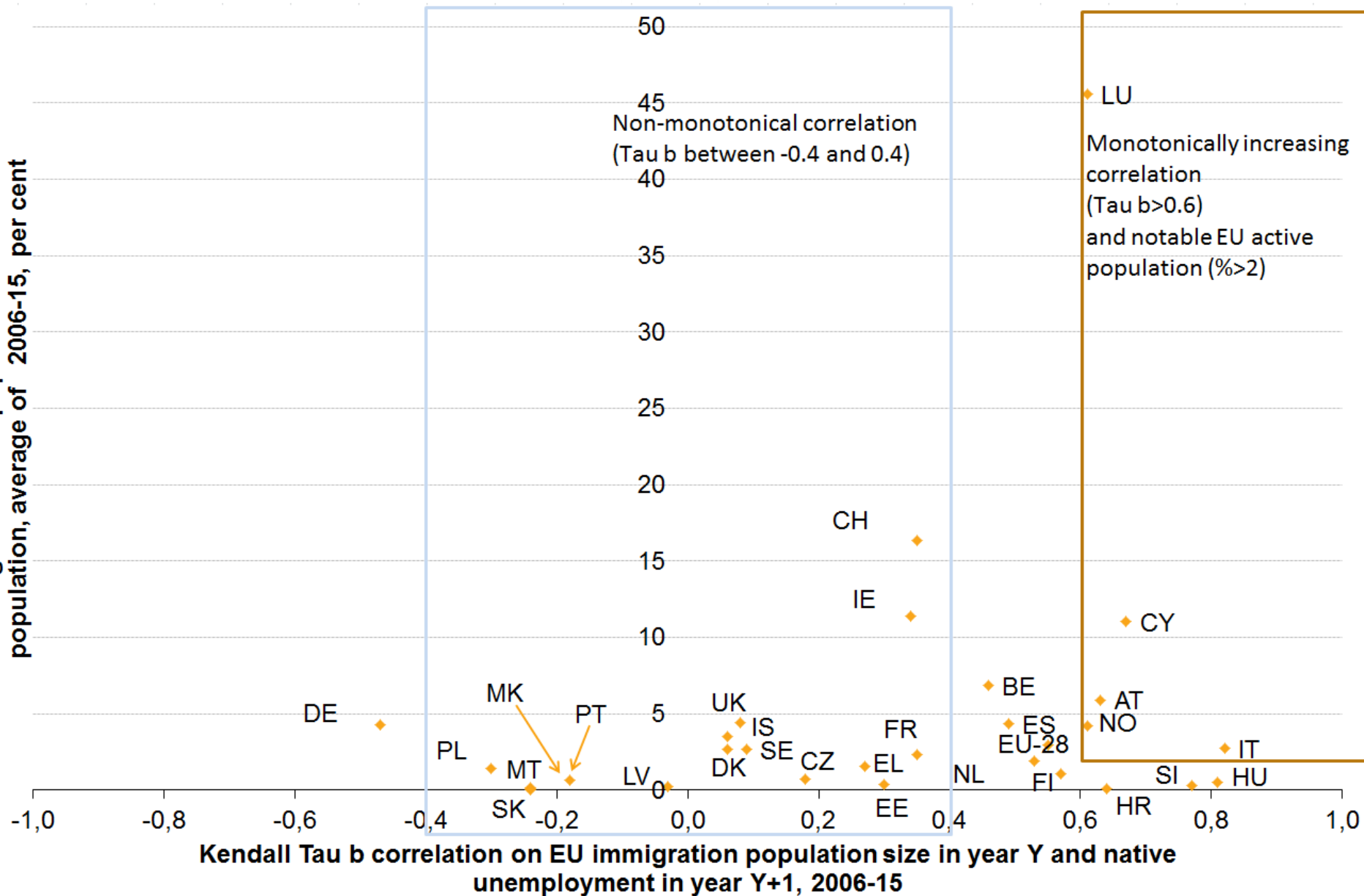
1995

Immigrants, per cent of hte active population





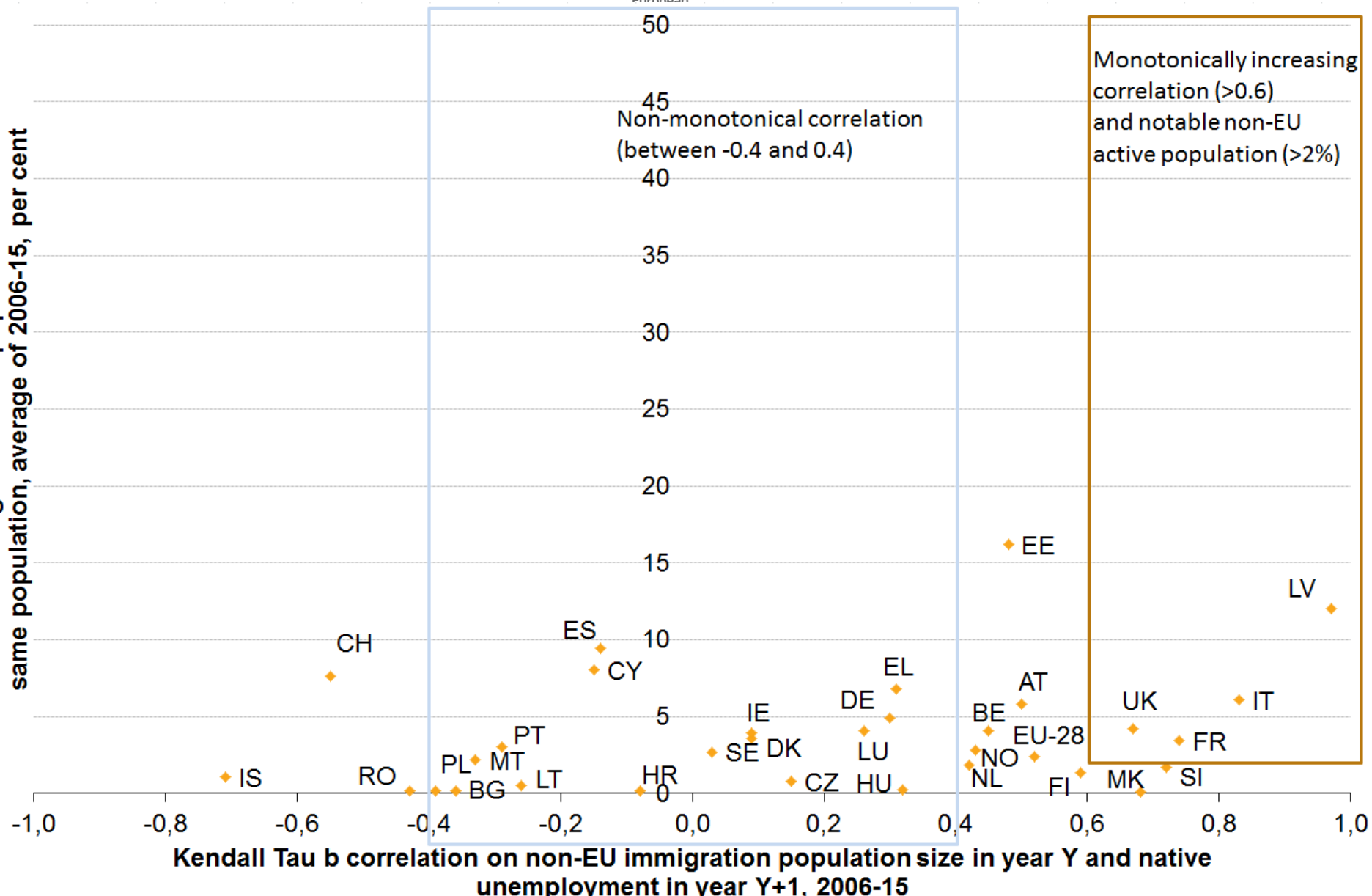
Size of EU immigratnt active population 15-74 of total same population, average of 2006-15, per cent



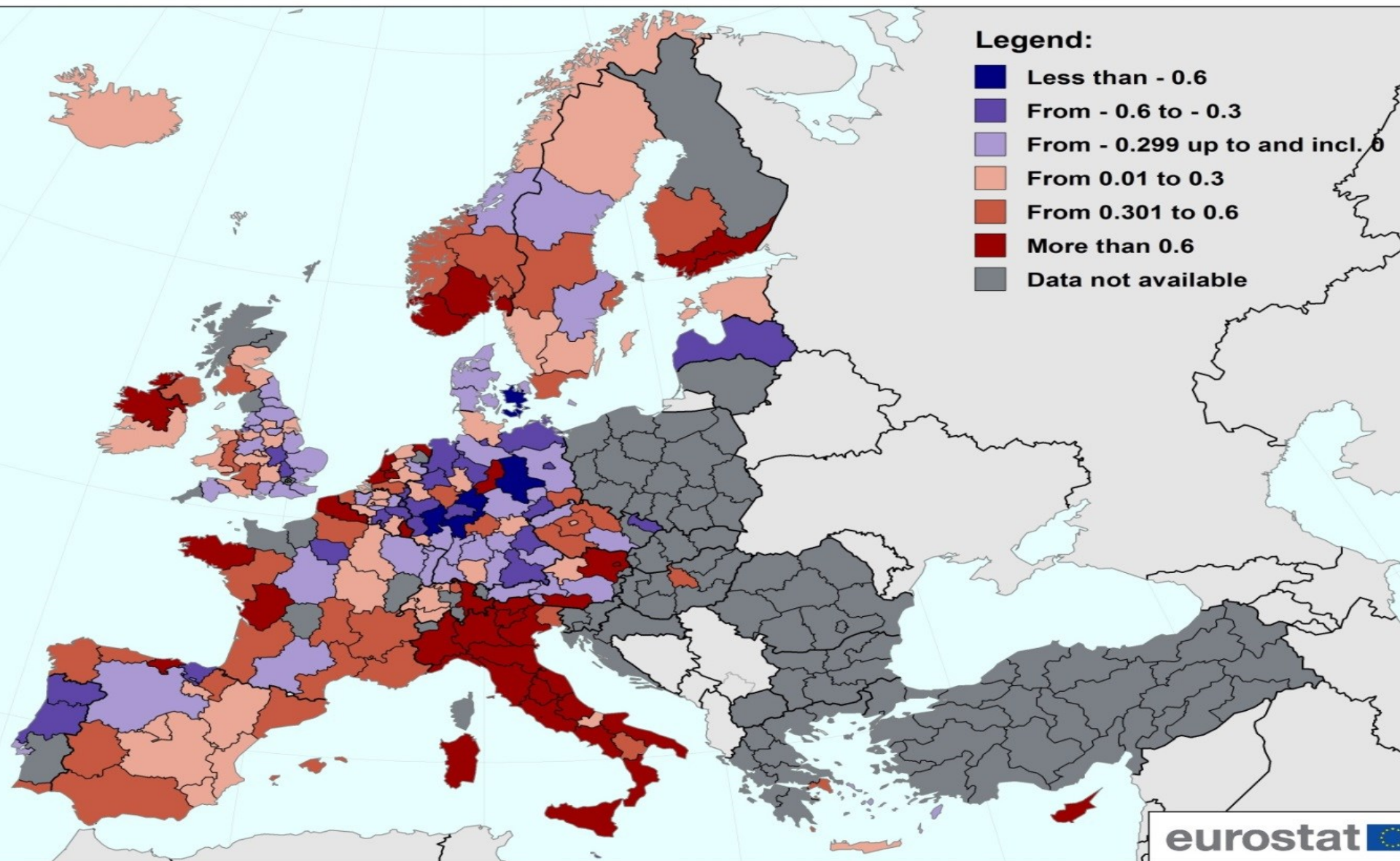


European

Size of non-EU immigratnt active population 15-74 of total same population, average of 2006-15, per cent

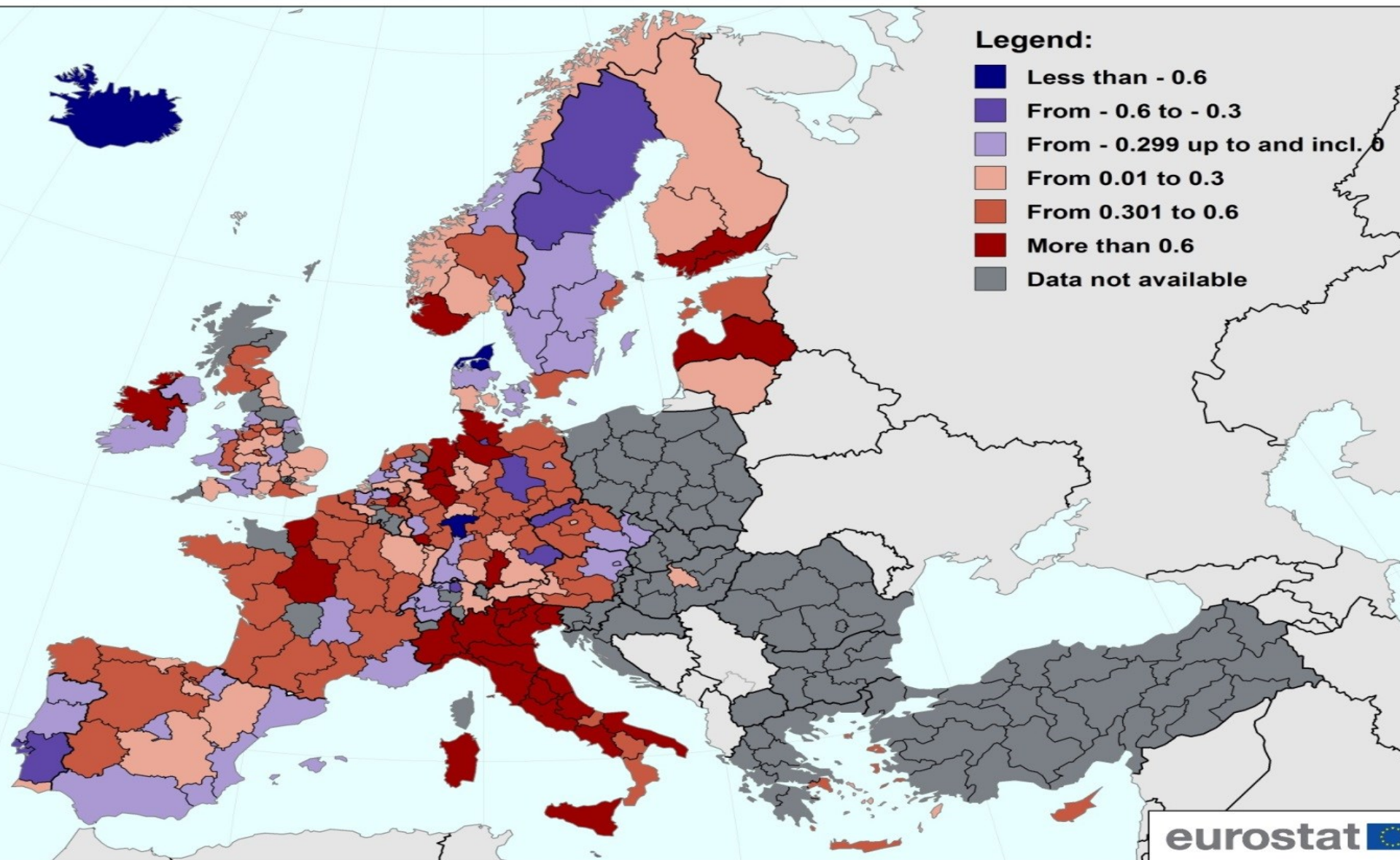


Kendall Tau b correlation between EU immigrant population size (Y) and native unemployment (Y+1), 2006-15



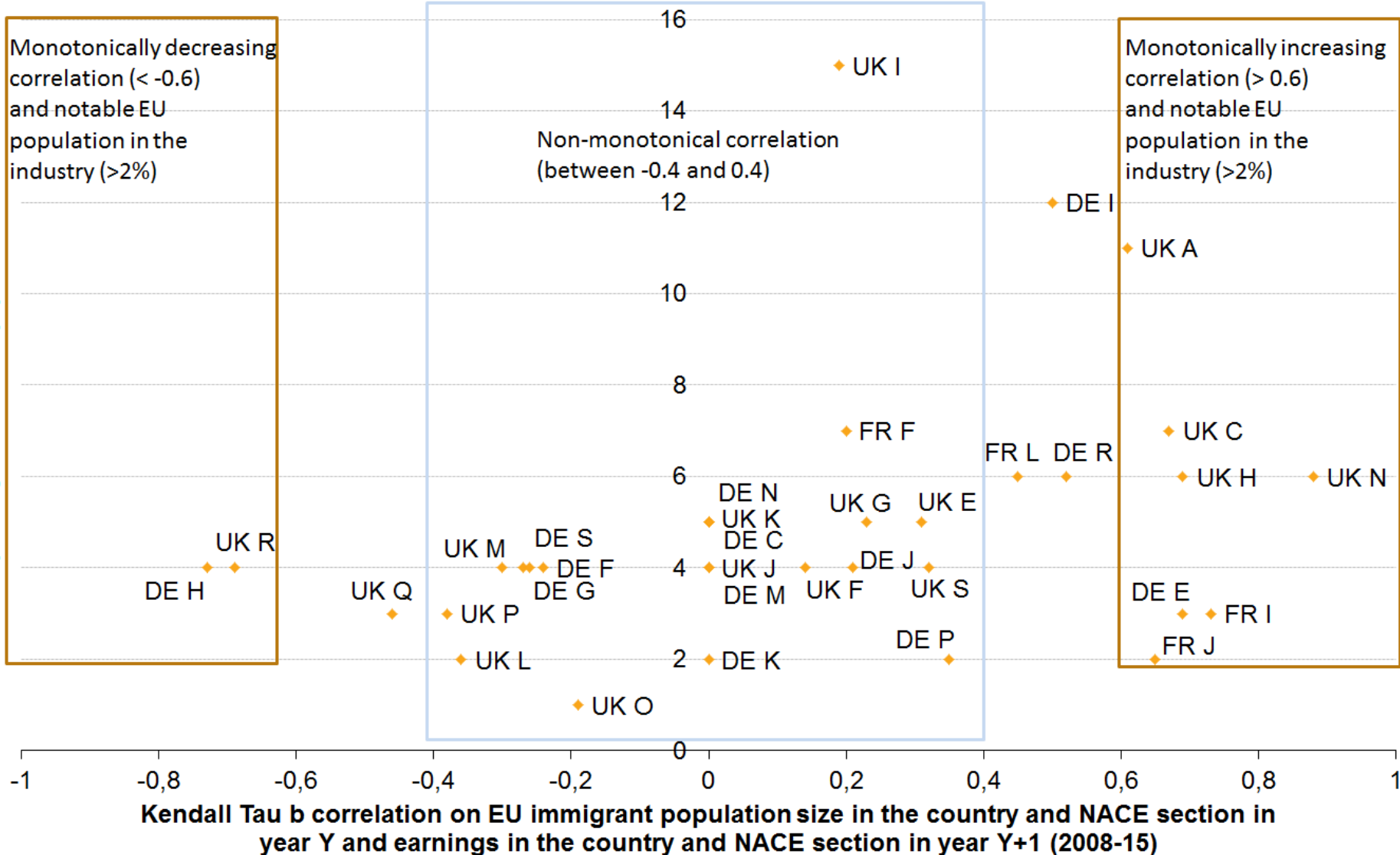


endall Tau b correlation between non-EU immigrant population size (Y) and native unemployment (Y+1), 2006-15





Size of the EU immigrant population in the NACE section  
(average of 2008-15), per cent





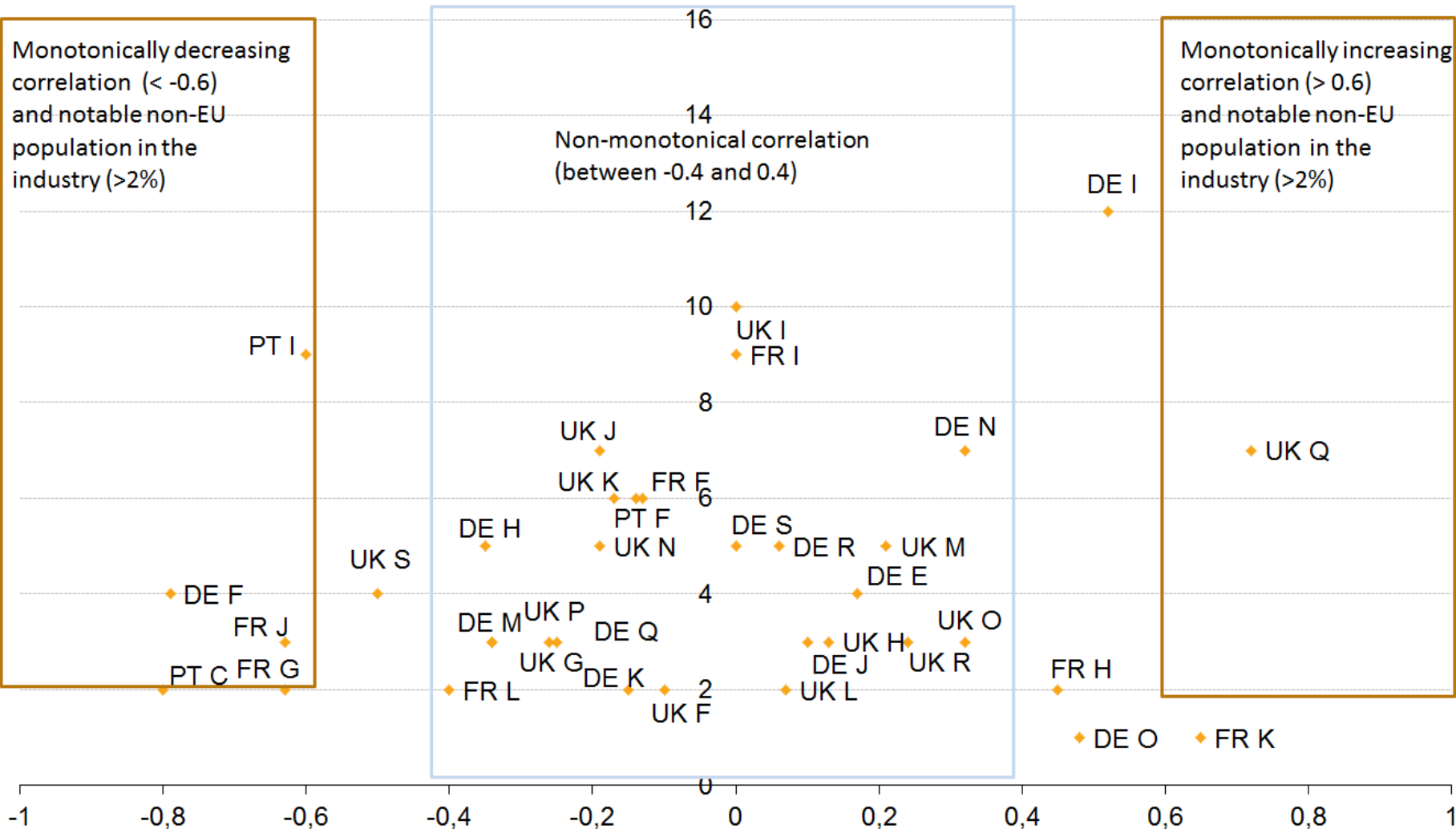


Size of the non-EU immigrant population in the NACE section (average of 2008-15), per cent

Monotonically decreasing correlation ( $< -0.6$ ) and notable non-EU population in the industry ( $> 2\%$ )

Non-monotonical correlation (between  $-0.4$  and  $0.4$ )

Monotonically increasing correlation ( $> 0.6$ ) and notable non-EU population in the industry ( $> 2\%$ )



Kendall Tau b correlation on non-EU immigrant population size in the country and NACE section in year Y and earnings in the country and NACE section in year Y+1 (2008-15)



# Conclusions

High positive correlation immigration and native unemployment:

In 5/33 cases of EU immigration

In 4/33 cases of non-EU immigration

High negative correlation between immigration and earnings:

In 2/34 cases of EU immigration

In 5/36 cases of non-EU

High positive correlation between immigration and earnings:

In 7/34 cases of EU immigration

In 1/36 cases of non-EU immigration

No hypothesis is confirmed