



Employment and Social Developments in Europe

Towards a strong Social Europe in the aftermath of the COVID-19 crisis: reducing disparities and addressing distributional impacts

Spatial impacts in a crisis context: promoting inclusive recovery and structural changes

Highlights

Stefano Filauro and Giuseppe Piroli

European Commission

*DG Employment, Social Affairs and Inclusion
Online Conference, 12 October 2021*



#ESDE2021

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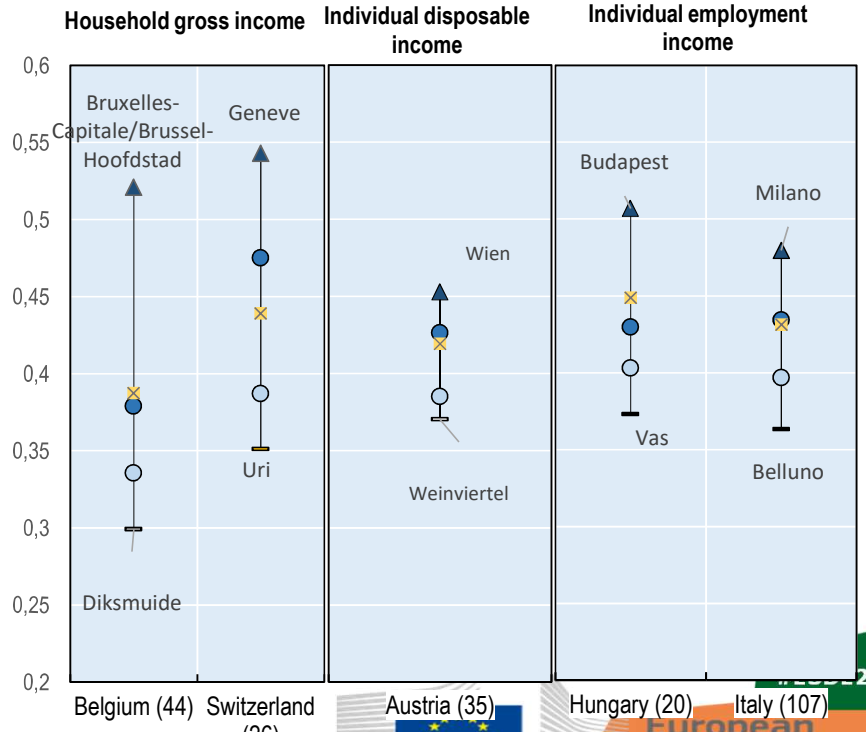
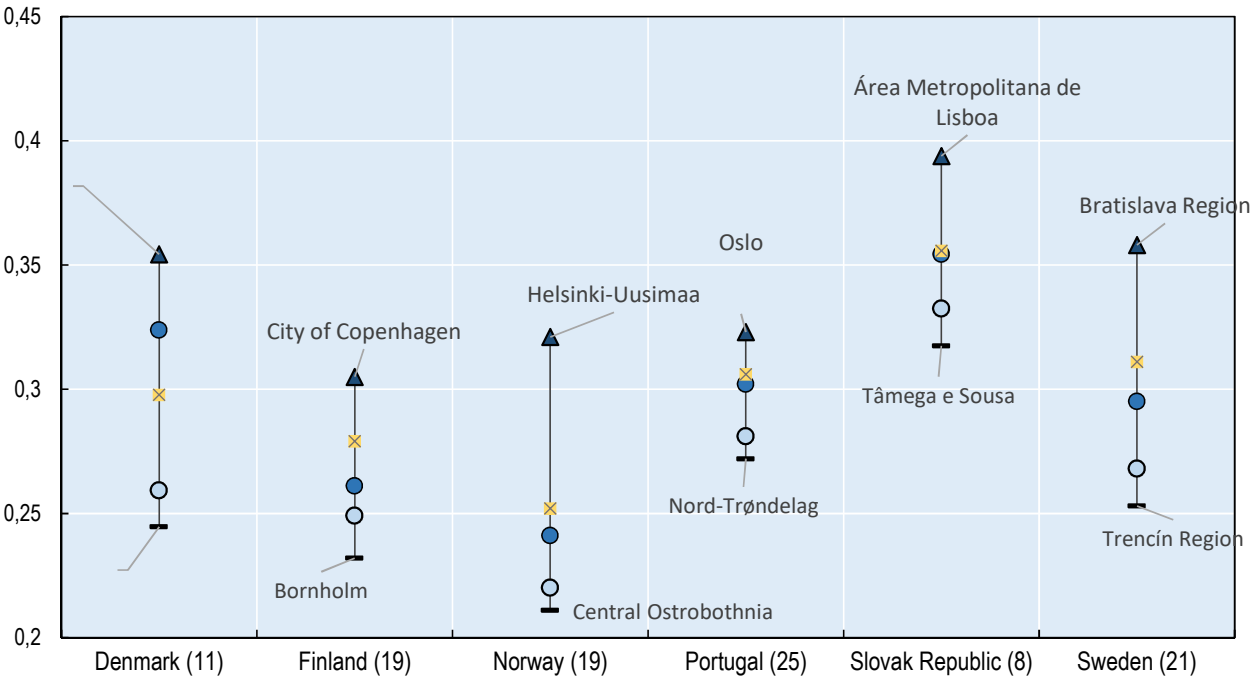


Ch. 3: pre-COVID-19 spatial impacts

Regional inequality: urban (capital) regions more unequal

— Least unequal region ○ P25 ● P75 ▲ Most unequal region × National

Disposable household income



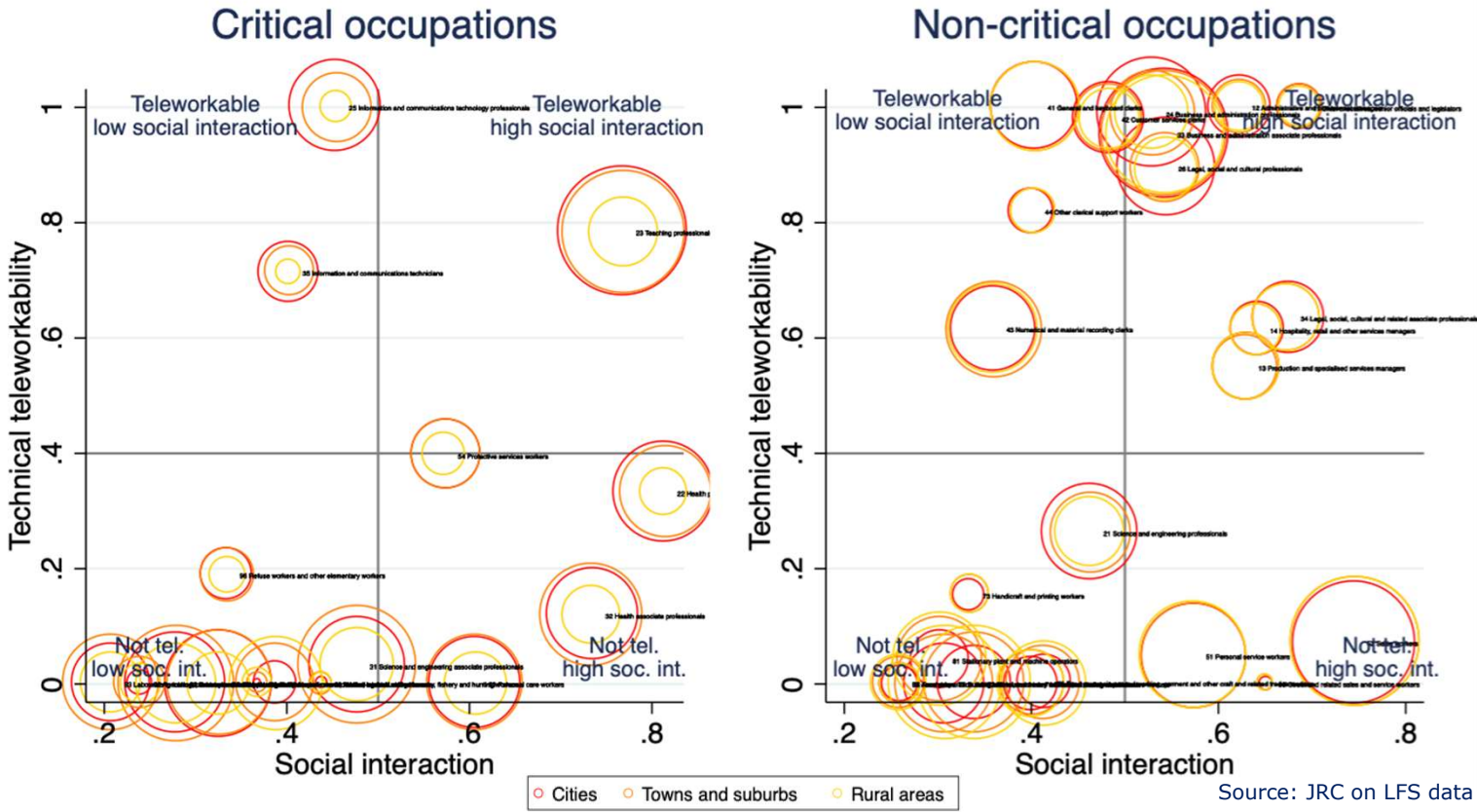
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Ch. 3: pre-COVID-19 spatial impacts

Spatial distribution of occupational categories by population density: ISCO 2-digit classification



critical & teleworkable occupations are more represented in urban areas

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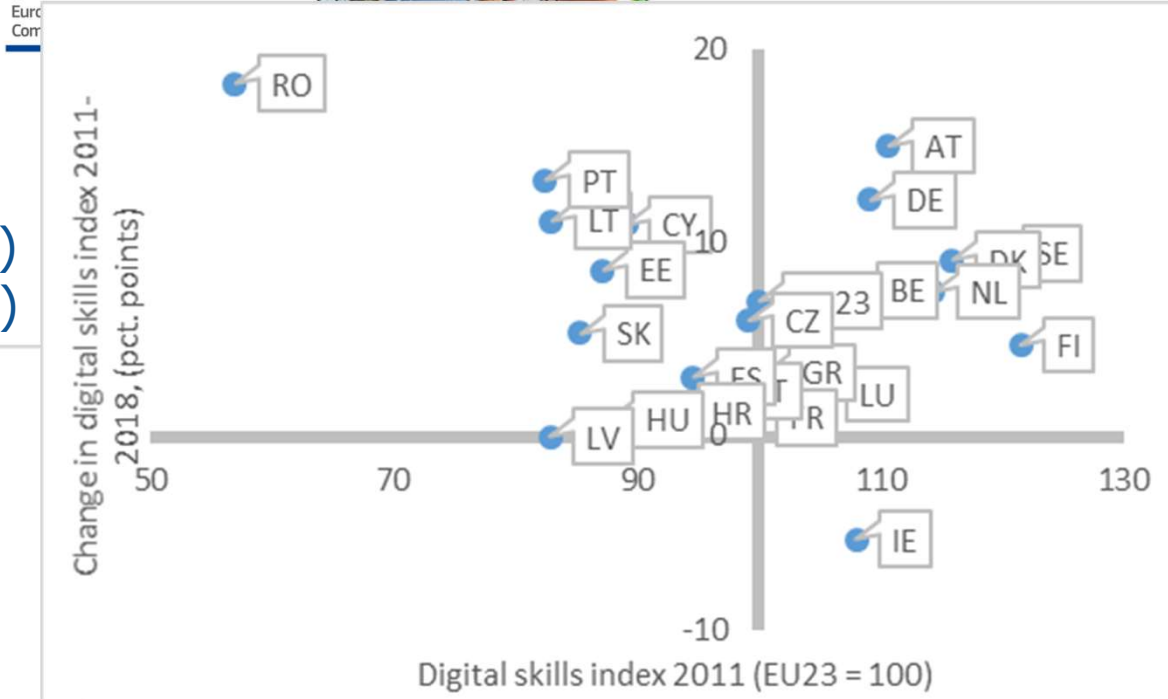
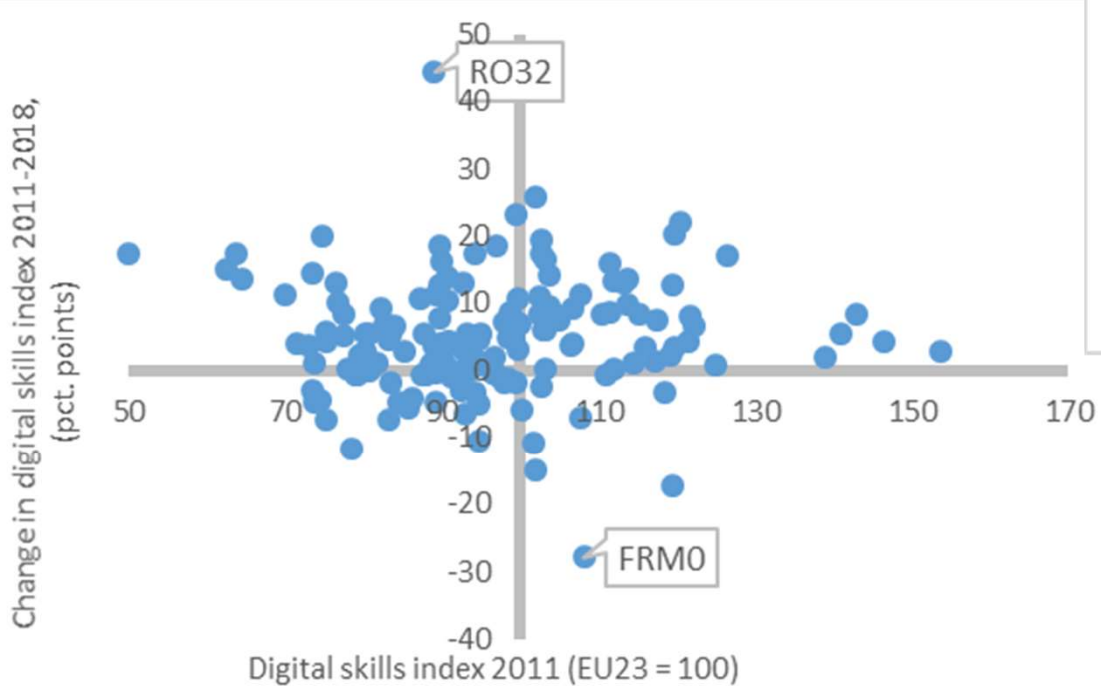
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Ch. 3: pre-COVID-19 spatial impacts

Digital skills intensity

LFS empl. is matched with tasks/skills classification (ESCO) by occupation (ISCO) mapping digital skills using DigComp (JRC)



Signals of convergence only at national level

Source: Barlund, 2021



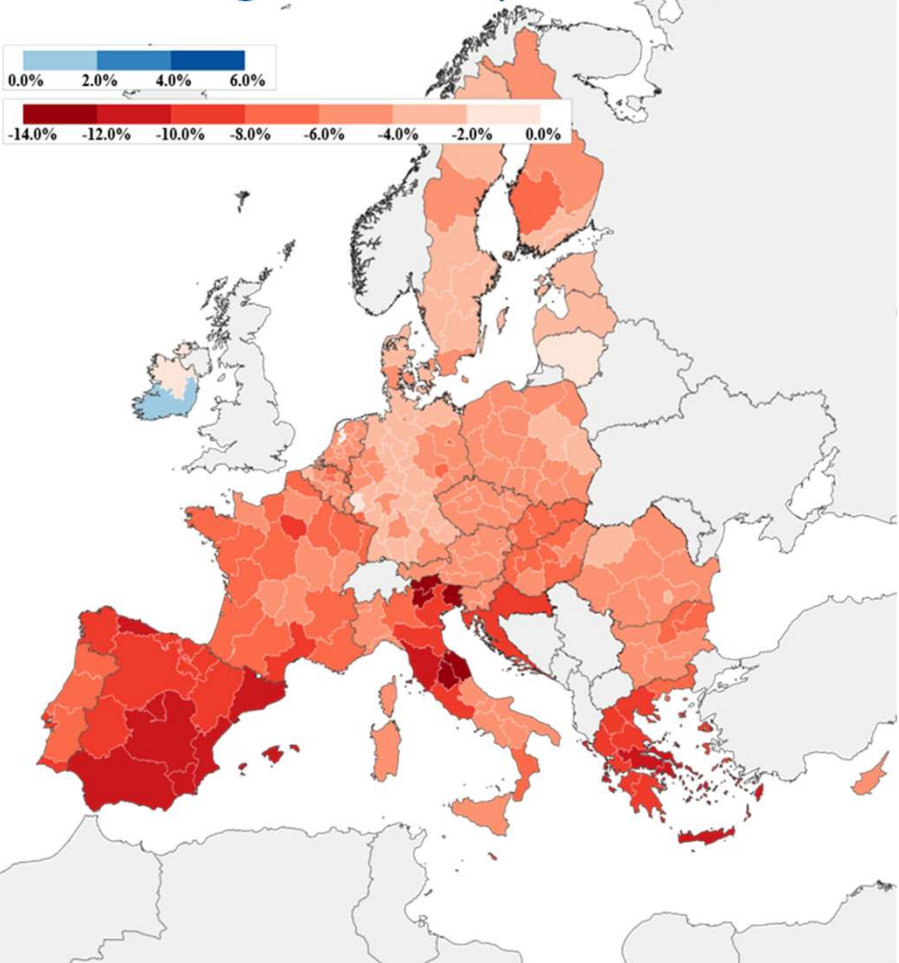
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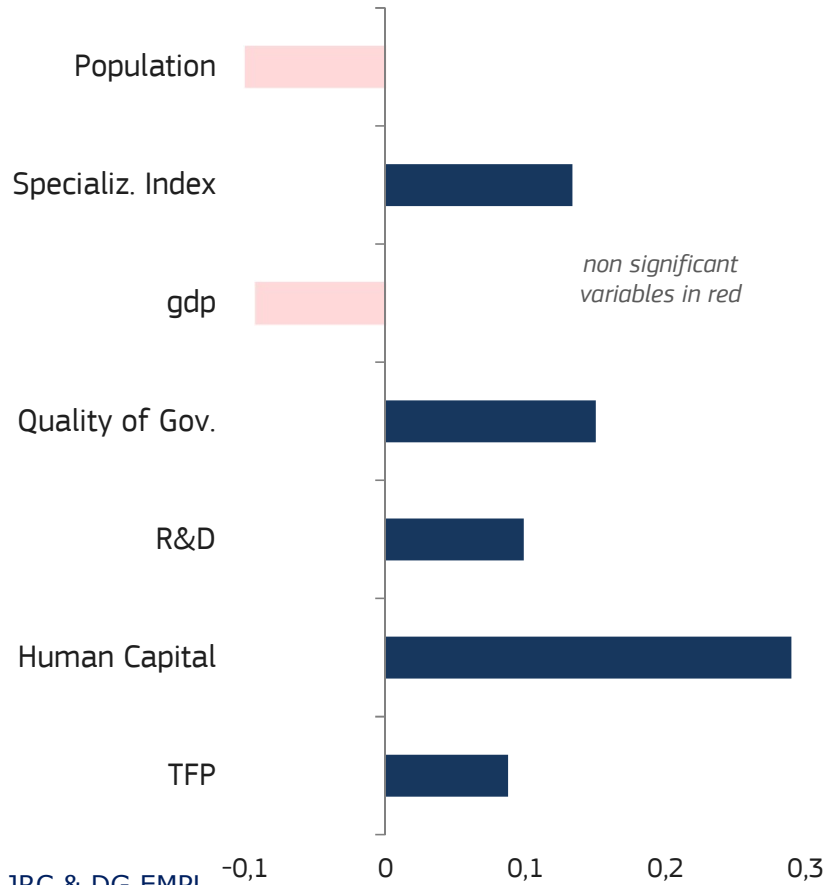


Ch. 3: COVID-19 spatial impacts

Simulated COVID impact on GDP in 2020 at regional level (RHOMOLO)



Drivers of regional resilience (OLS)



Factors impacting GDP change (2019/2020) at regional level. Standardized coefficients

Source: JRC & DG EMPL

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Thank you!

Read the full report [here](#)

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Panel discussion

- *Nadim Ahmad, OECD*
- *Carmelo Petraglia, University of Basilicata*
- *Emiliano Rustichelli, Employment Committee (EMCO)*

Questions & comments from the audience via chat function

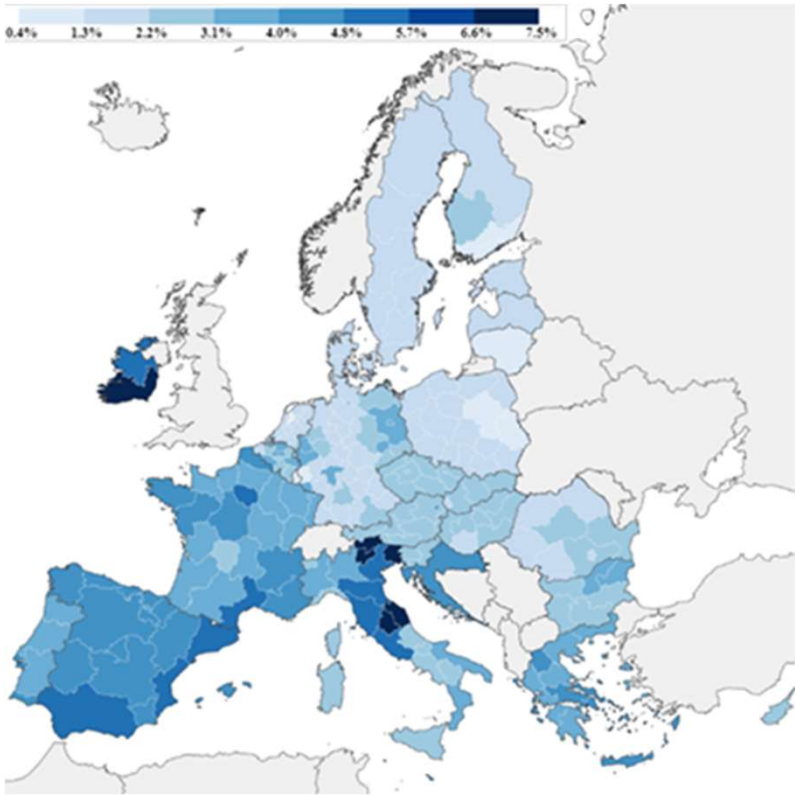
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Ch. 3: COVID-19 spatial impacts

Impact on EU regions' GDP in 2021 shows notable within-country (NUTS-2) variation*



*Under Trade-Scan Scenario 1: The EU halves its lockdown and restriction measures in 2021, resulting from a better epidemiological scenario, while the rest of the world remains at the same levels as in 2020.

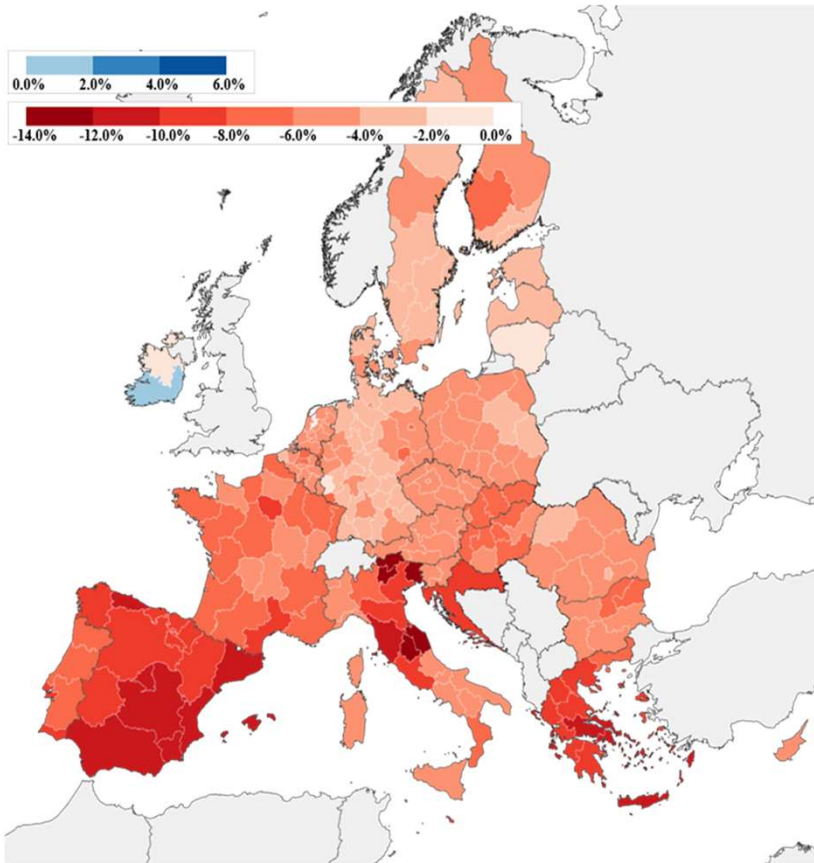
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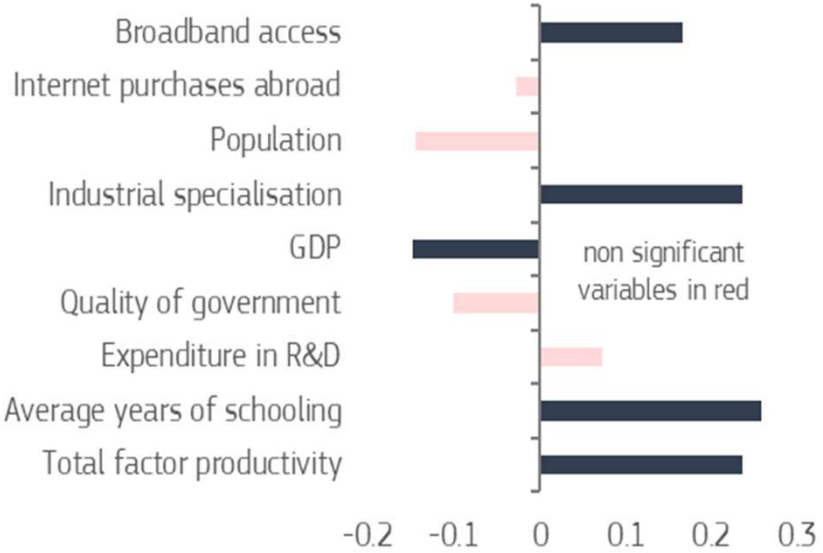
Ch. 3: COVID-19 spatial impacts

COVID impact on regional GDP in 2020 at regional level*



Drivers of regional resilience

Factors impacting GDP change (2019/2020) at regional level. Standardized coefficients



*Rhomolo simulations based on ECFIN spring forecast