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Les défis de développement pour les villes et les régions dans une Europe en mutation

Measuring the effect of education on different income and poverty levels: Evidence from panel quantile regression for Greece

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Résumé / Summary

The delivery of the EU2020 developmental goals is largely founded on the notions of smart and inclusive growth. Two of the most important flagship initiatives, included in the EU2020 agenda, are the empowerment of people through the development of their skills, as well as the promotion of social and territorial cohesion. Under this context, knowledge is considered as a key driver of future economic growth, while at the same time empowerment of skills is thought to be a crucial part for building cohesive societies, where people would be able to anticipate and manage changes.

This paper, being inspired by the smart growth paradigm, treats human capital as a central part of territorial cohesion, aiming to provide an evidence-based sub-regional analysis for fostering place-based policies for socio-economic inclusion, in the case of Greece. More specifically, it investigates the links between education and income, as well as their distributional derivatives, at a municipal level, using panel quantile regression analysis. It tries to point out the diversified effect of human capital and income inequality on the various income quantiles. The analysis indicates evidence that point out a diverse effect of local human capital and sectoral structure specificities, as well as time-varying socio-economic disturbances, such as the 2008 economic crisis, on different income quantiles. That kind of evidence-based information could be considered as crucial input, offering key insights regarding the potential effectiveness of applying place-based policy interventions related to education and skills empowerment. Ex ante evidence-based analysis needs to be

taken into consideration during a policy design process for inclusive growth, as it could probably influence the overall effectiveness of local governance.

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