

# Visegrad Countries and Education Challenges : An Efficiency Analysis

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## AGENDA

- ▶ Context
- ▶ Methodology
- ▶ Results
- ▶ Possible extensions
- ▶ Conclusion

## CONTEXT

- ▶ Capitalism requires a push for efficiency
  - ▶ either by maximizing output or minimizing input
  - ▶ Either way innovation is key
- ▶ Knowledge is the engine that drives innovation (among other things) (Cunha et al. 2006).
- ▶ Knowledge capital increasing is the result of the investment efforts in Human Capital (**AND EDUCATION**) (Hanushek and Woessmann 2021)
- ▶ The importance of Education in increasing the levels of knowledge and thus the capacity to innovate in the long run, affecting growth and potentially development and welfare (Hanushek and Woessmann 2020).

## Thank you for your attention

- Charnes, Abraham, William W Cooper, and Edwardo Rhodes. 1978. "Measuring the Efficiency of Decision Making Units." *European Journal of Operational Research* 2 (6): 429–44.
- Cunha, Flavio, James J Heckman, Lance Lochner, and Dimitriy V Masterov. 2006. "Interpreting the Evidence on Life Cycle Skill Formation." *Handbook of the Economics of Education* 1: 697–812.
- Hanushek, Eric A, and Ludger Woessmann. 2020. "Education, Knowledge Capital, and Economic Growth." *The Economics of Education*, 171–82.
- . 2021. "Education and Economic Growth." In *Oxford Research Encyclopedia of Economics and Finance*.
- Simar, Leopold, and Paul W Wilson. 2007. "Estimation and Inference in Two-Stage, Semi-Parametric Models of Production Processes." *Journal of Econometrics* 136 (1): 31–64.
- Worthington, Andrew C. 2001. "An Empirical Survey of Frontier Efficiency Measurement Techniques in Education." *Education Economics* 9 (3): 245–68.