

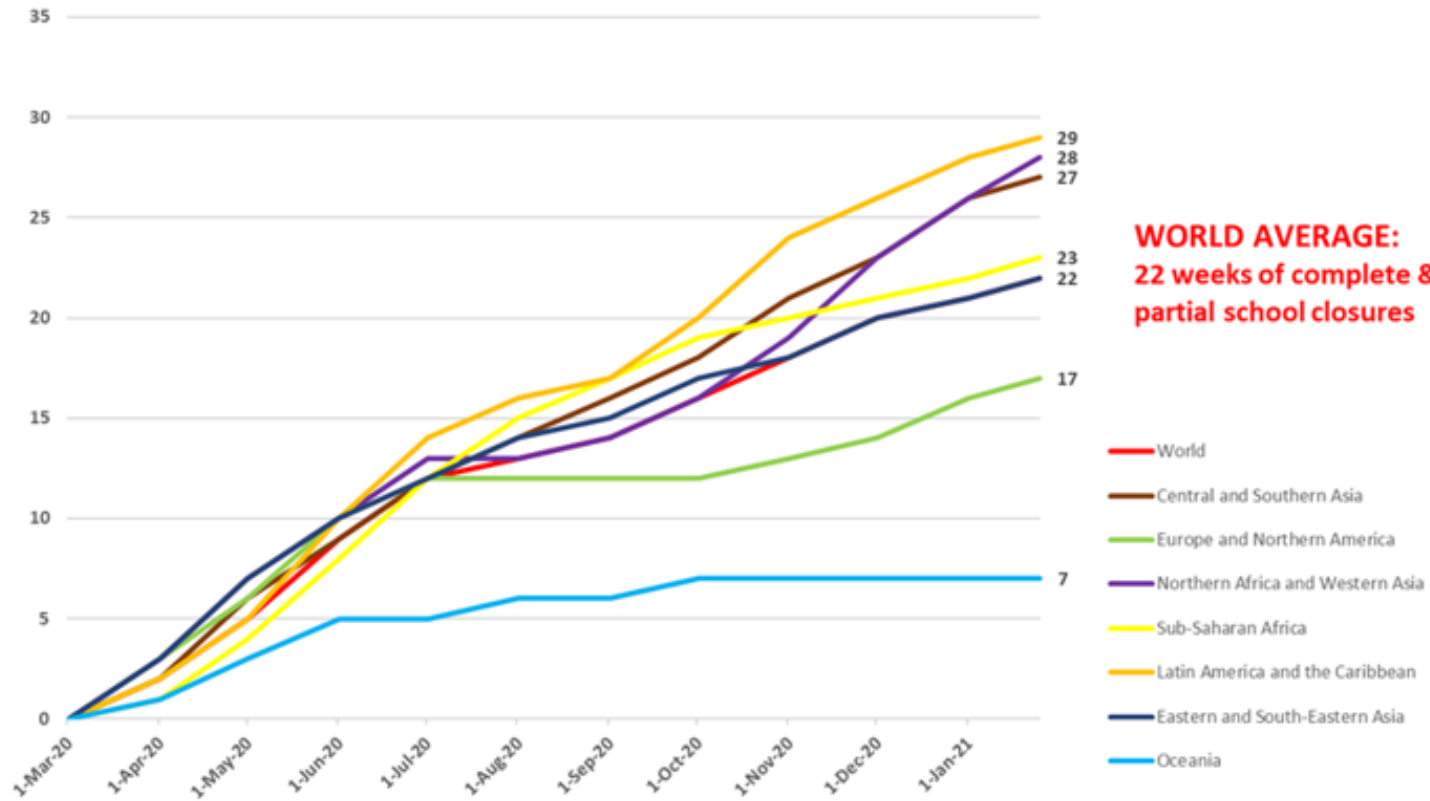


# The Impact of COVID-19 on Student Learning

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Harry Anthony Patrinos

[@hpatrinos](#)



# School Closures

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Losses may Translate to  
Greater Challenges

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# Earning Loss due to Conflicts, Pandemics

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All Pandemics affect  
Economic Output

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Every Year of Schooling  
Raises Earnings 8-10%

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# Cost of School Closures

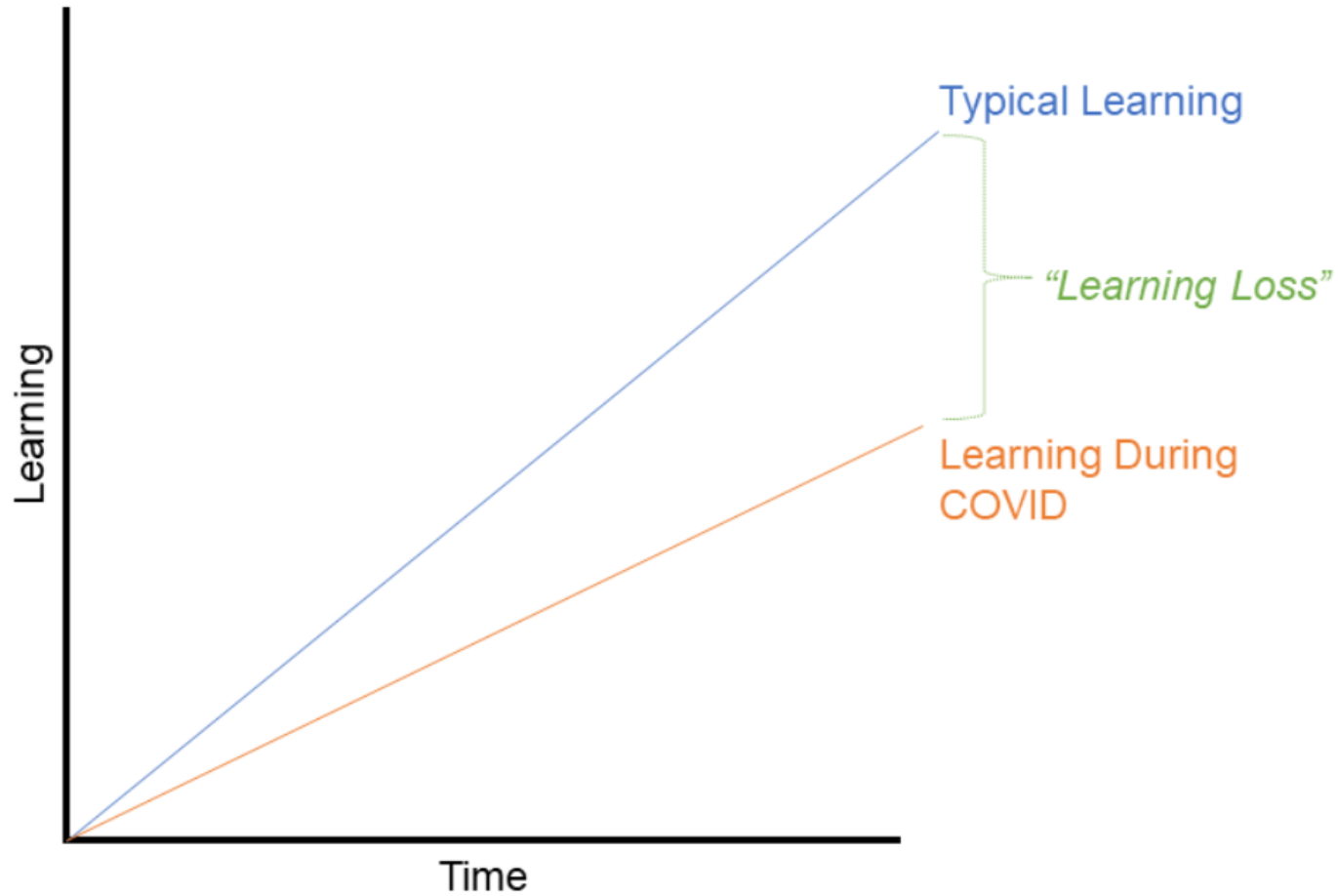
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Learning Loss



Earnings Loss



# A Simple Model

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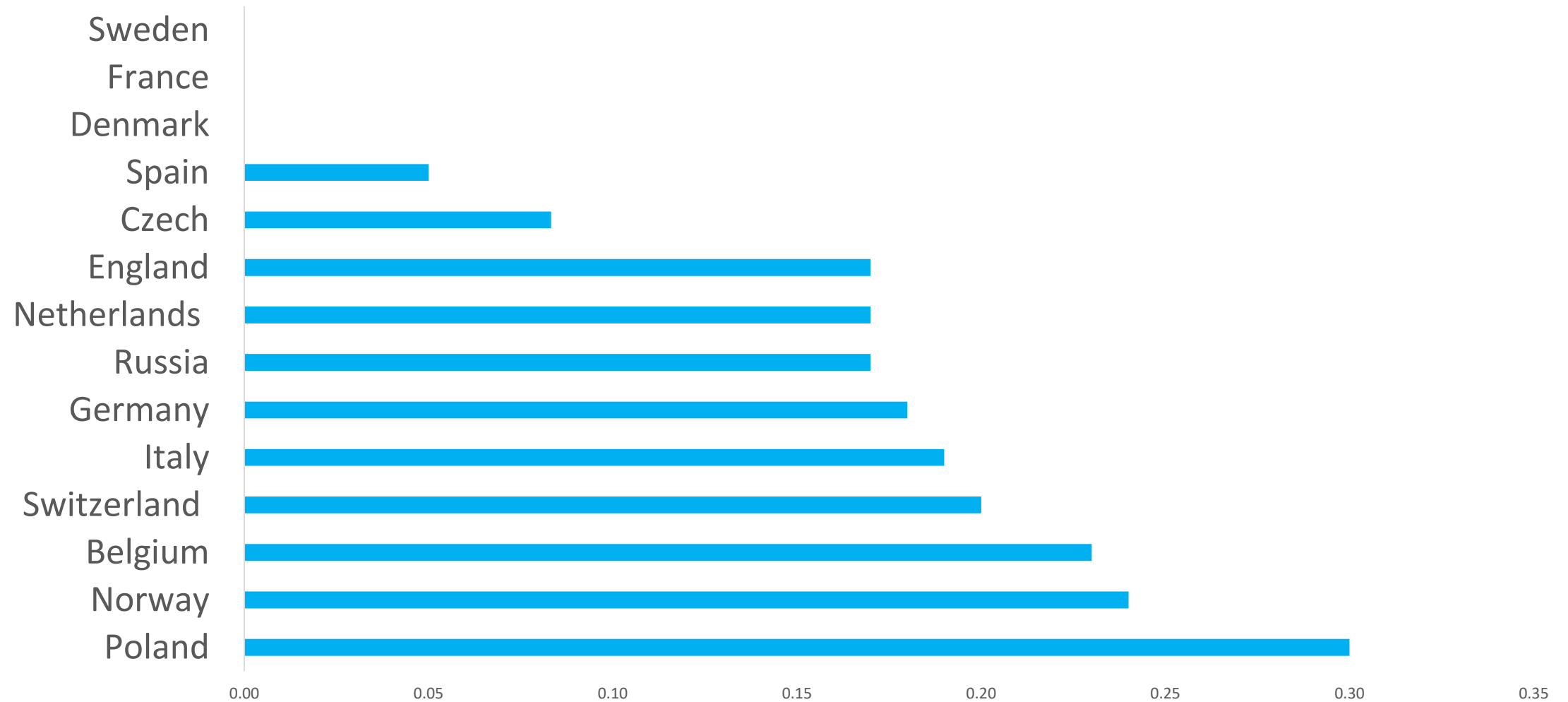


Learning Loss has  
Occurred

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# Europe: Loss of 1/3 to 1/2 year of schooling

Average Learning Losses by Country (in standard deviations)







**Anna Ekström**  @Anna\_Ekstrom · Jun 12



Keeping schools and preschools open when other countries closed them was an extremely difficult decision. In March 2020 the criticism against me was harsh for not closing down schools and preschools, but I was - and still am - convinced that it was the right decision.



**Harry A. Patrinos** @hpatrinos · Jun 10

No learning loss in Sweden during the pandemic -evidence from primary school reading assessments

No closures, no losses!

#education #COVID19

[sciencedirect.com/science/articl...](https://www.sciencedirect.com/science/article...)



 518

 1,866

 8,680

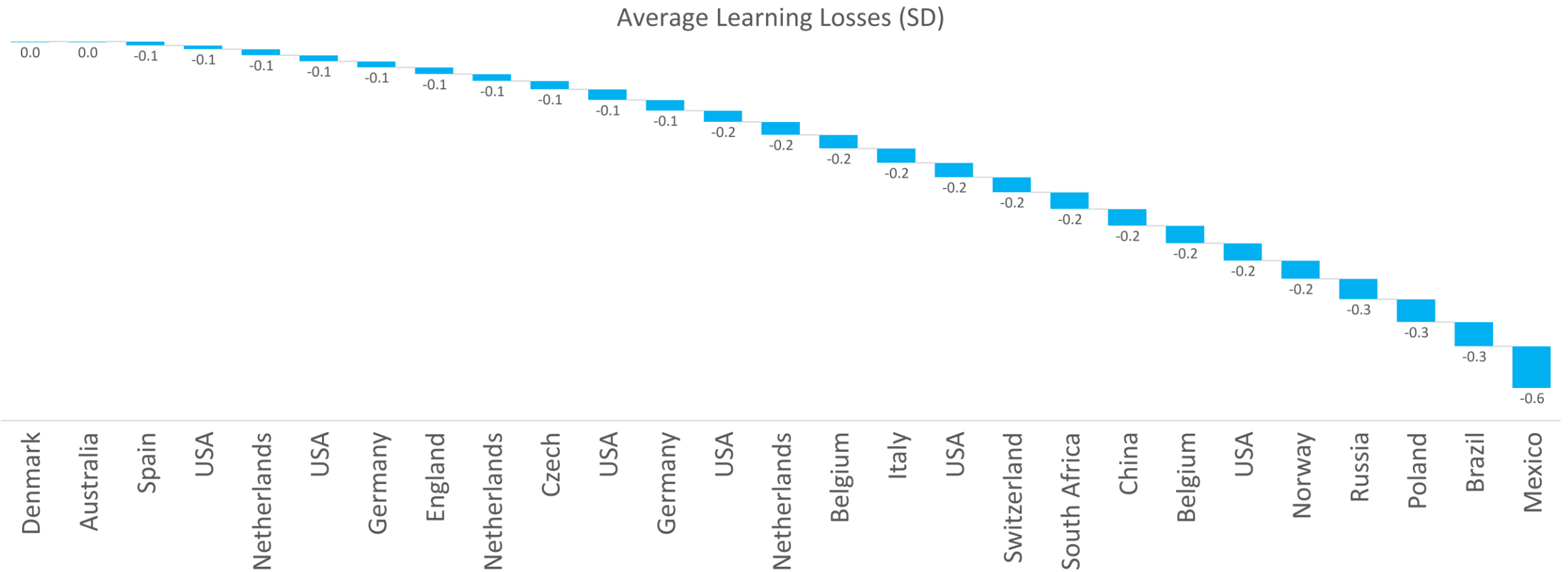




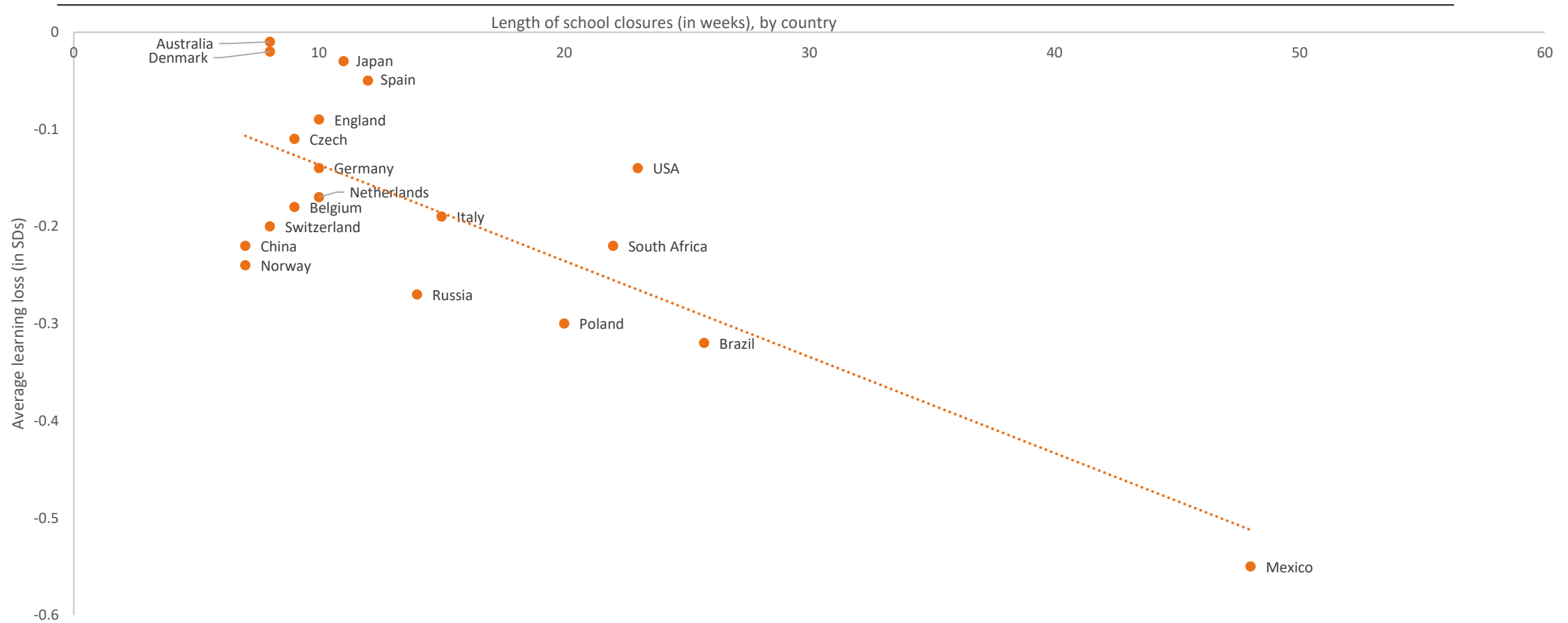
# Global Evidence

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# An Analysis of COVID-19 Student Learning Loss

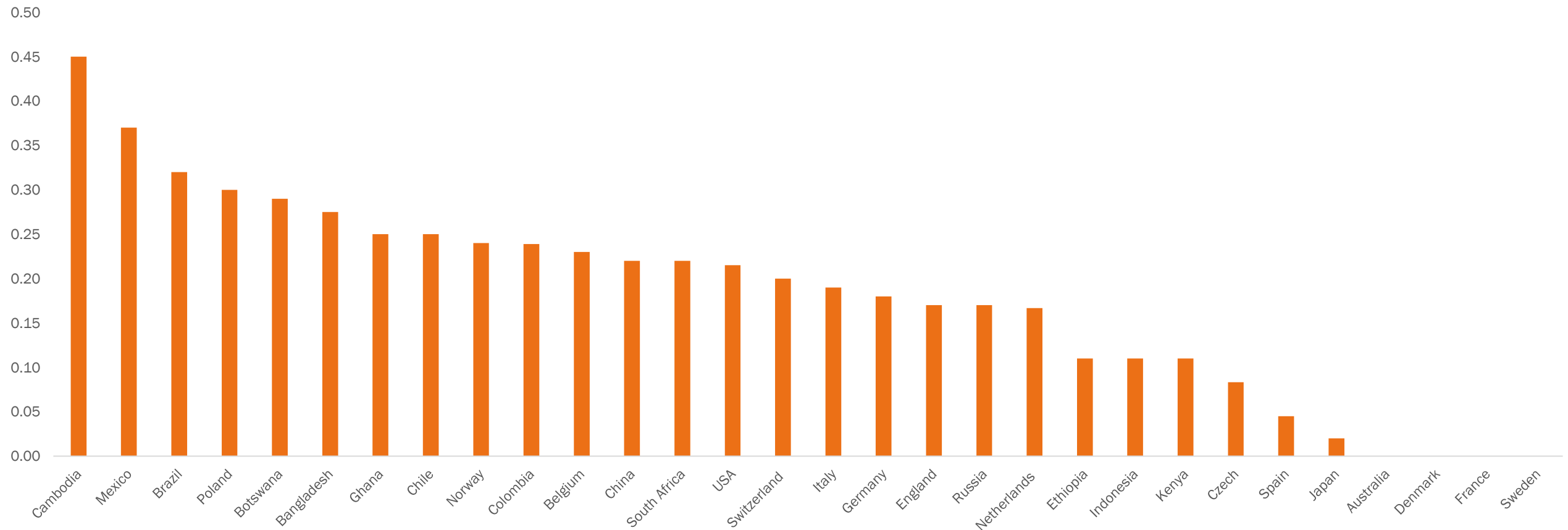


# Length of Closures & Learning Loss



# Global Learning Losses - Update

Average learning losses (SD)







# Implications

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# Differentiated Effects

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Level of education	Annual loss	Lifetime loss
Primary	\$272	\$7,000
Secondary	\$363	\$9,000
Tertiary	\$725	\$18,000

# COVID-19 Cost of School Closures

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\$15-\$17 trillion loss in lifetime earnings

12-18% of current year GDP over lifetime

0.8% annual reduction in GDP



# Response

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# Harry Anthony Patrinos

World Bank

 @hpatrinos