



81. Latvijas Universitātes  
starptautiskā zinātniskā  
konference 2023



NACIONĀLAIS  
ATTĪSTĪBAS  
PLĀNS 2020



EIROPAS SAVIENĪBA  
Eiropas Sociālais  
fonds

I E G U L D Ī J U M S T A V Ā N Ā K O T N Ē

# Students awareness of different threats of world future

## Skolēnu izpratne par nākotnes draudiem pasaulē

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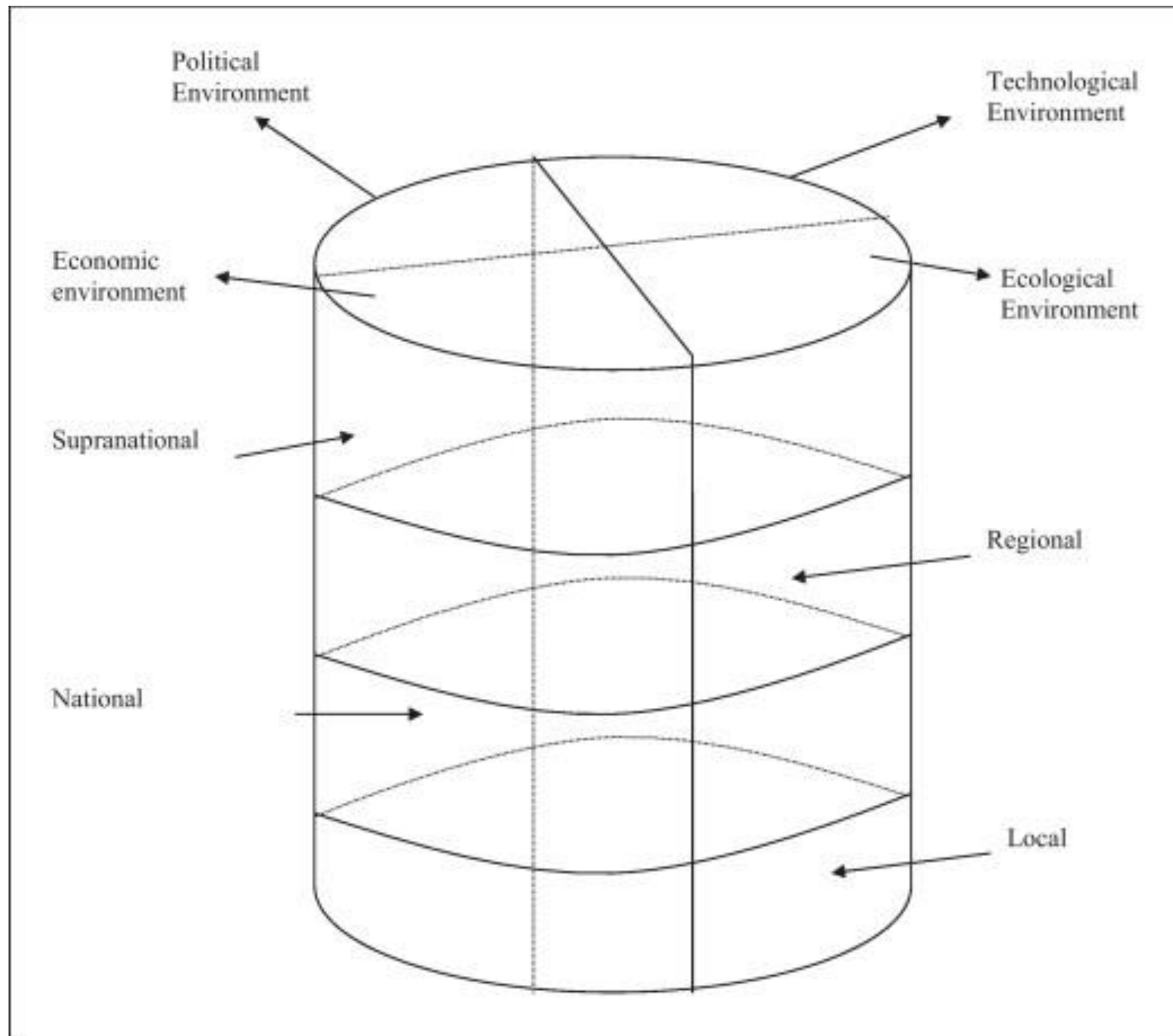


# Aim

**To find the most promising research directions (looking ahead to ICCS 2022 data in autumn) by exploring students' perceptions from ICCS 2016 data and understanding the reasons that influence their views on future threats to the world.**

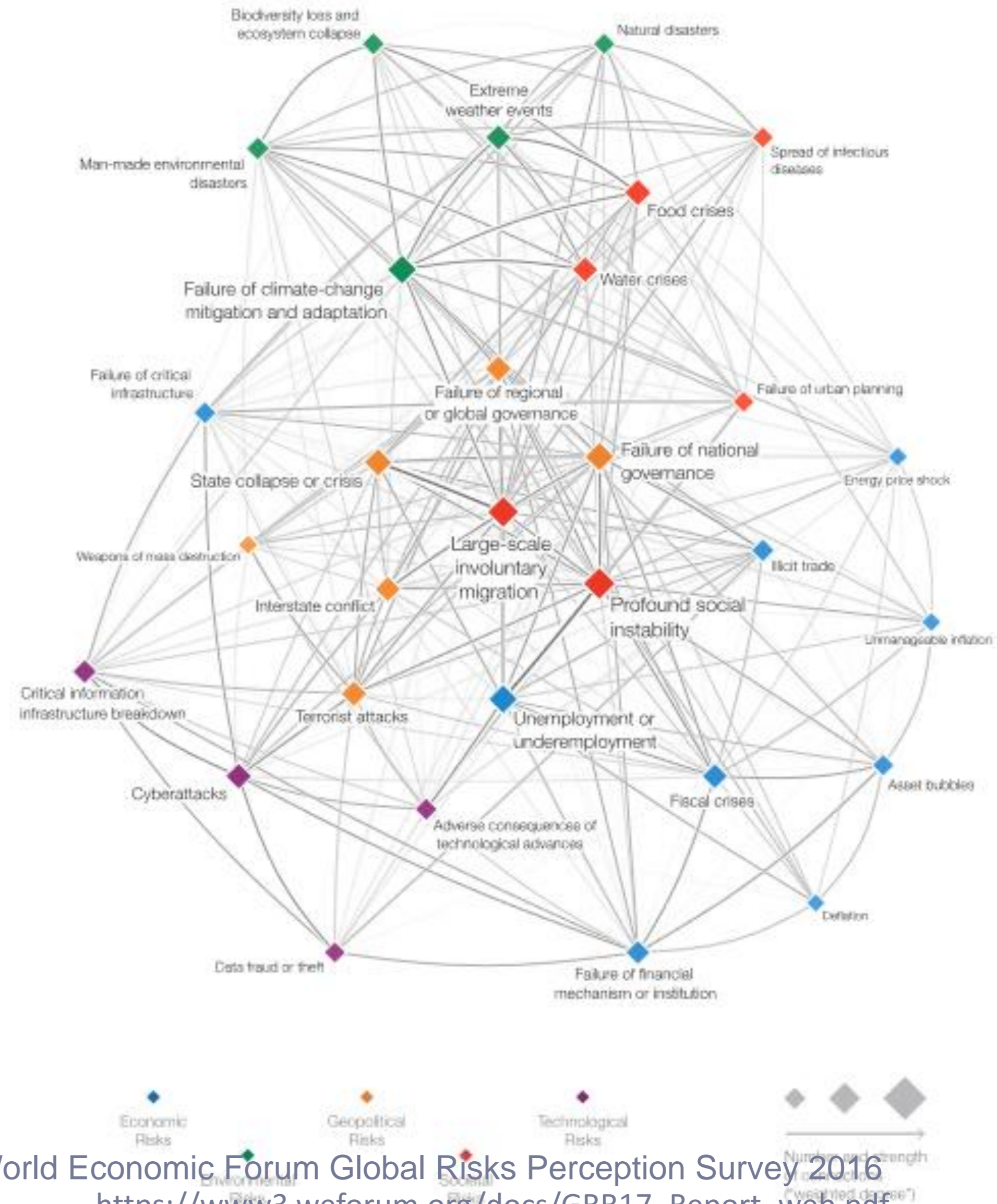
# GLOBAL RISKS

## CONCEPTUAL MODEL OF GLOBAL RISKS – TYPES AND LEVELS



Sambharya, Rasheed; 2012

## INTERCONNECTIONS MAP 2017

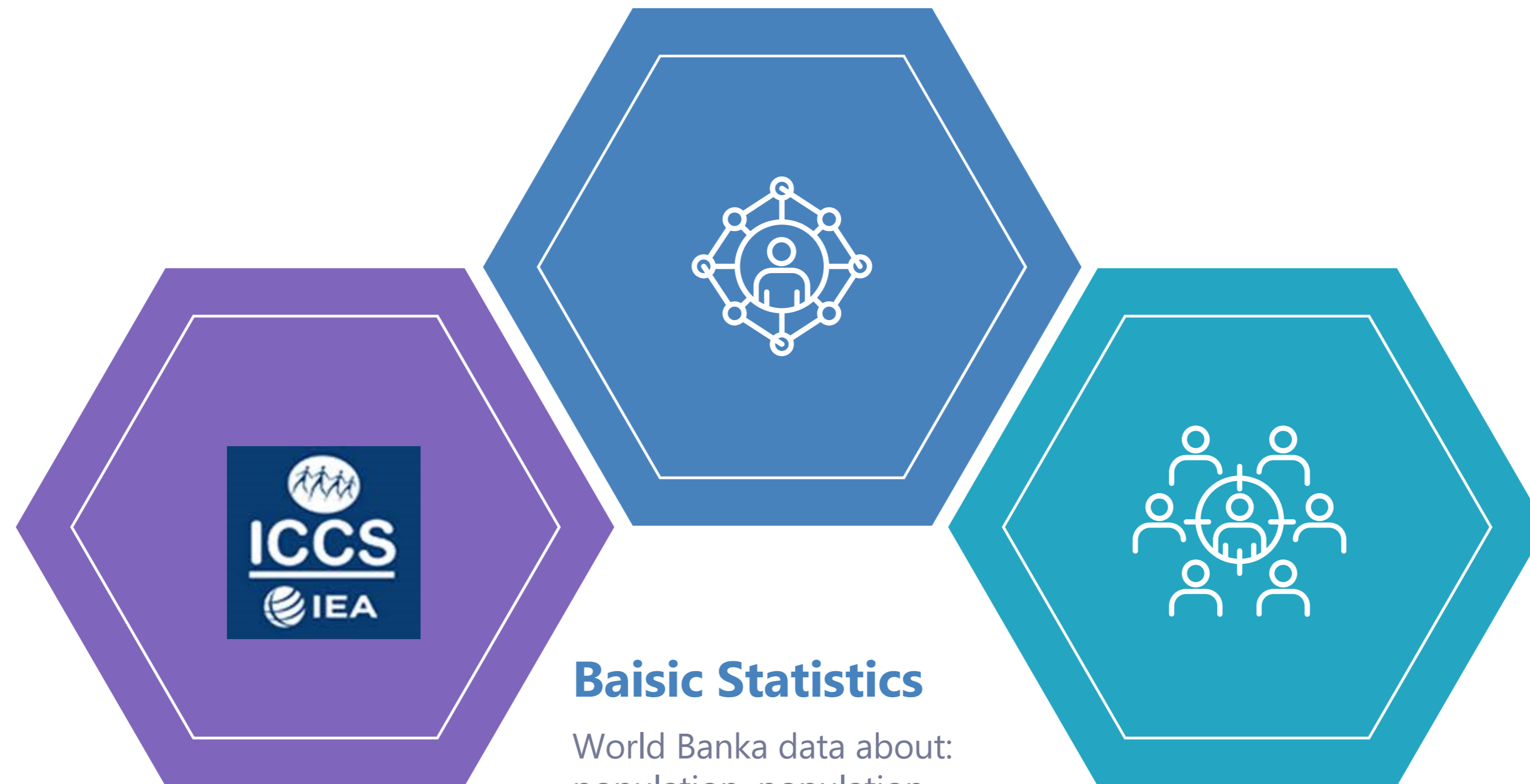


World Economic Forum Global Risks Perception Survey 2016  
[https://www3.weforum.org/docs/GRR17\\_Report\\_web.pdf](https://www3.weforum.org/docs/GRR17_Report_web.pdf)



# DATA

Base for research



## ICCS 2016

International Civic and  
Citizenship Education Study,  
data from 2016

## Basic Statistics

World Bank data about:  
population, population  
Density, GDP per capita

## International Surveys

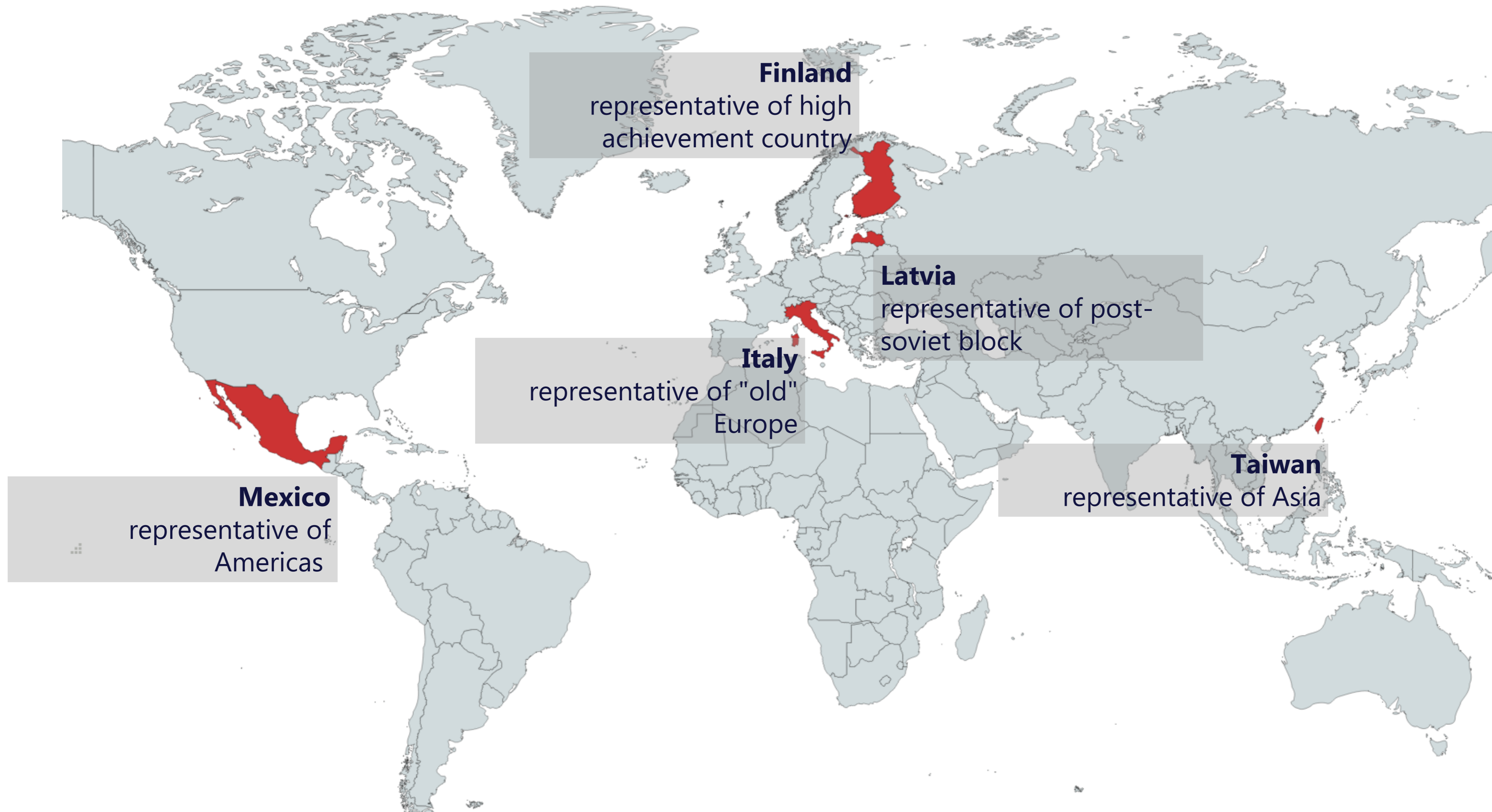
Democracy Index, Human Development  
Index, Global Climate Risk Index, Deaths -  
Infectious Diseases, Global Risks Report  
2016, 2017

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# CHOSEN COUNTRIES FOR ANALYSE

Base for research





# TO WHAT EXTENT DO YOU THINK THE FOLLOWING ISSUES ARE A THREAT TO THE WORLD'S FUTURE?

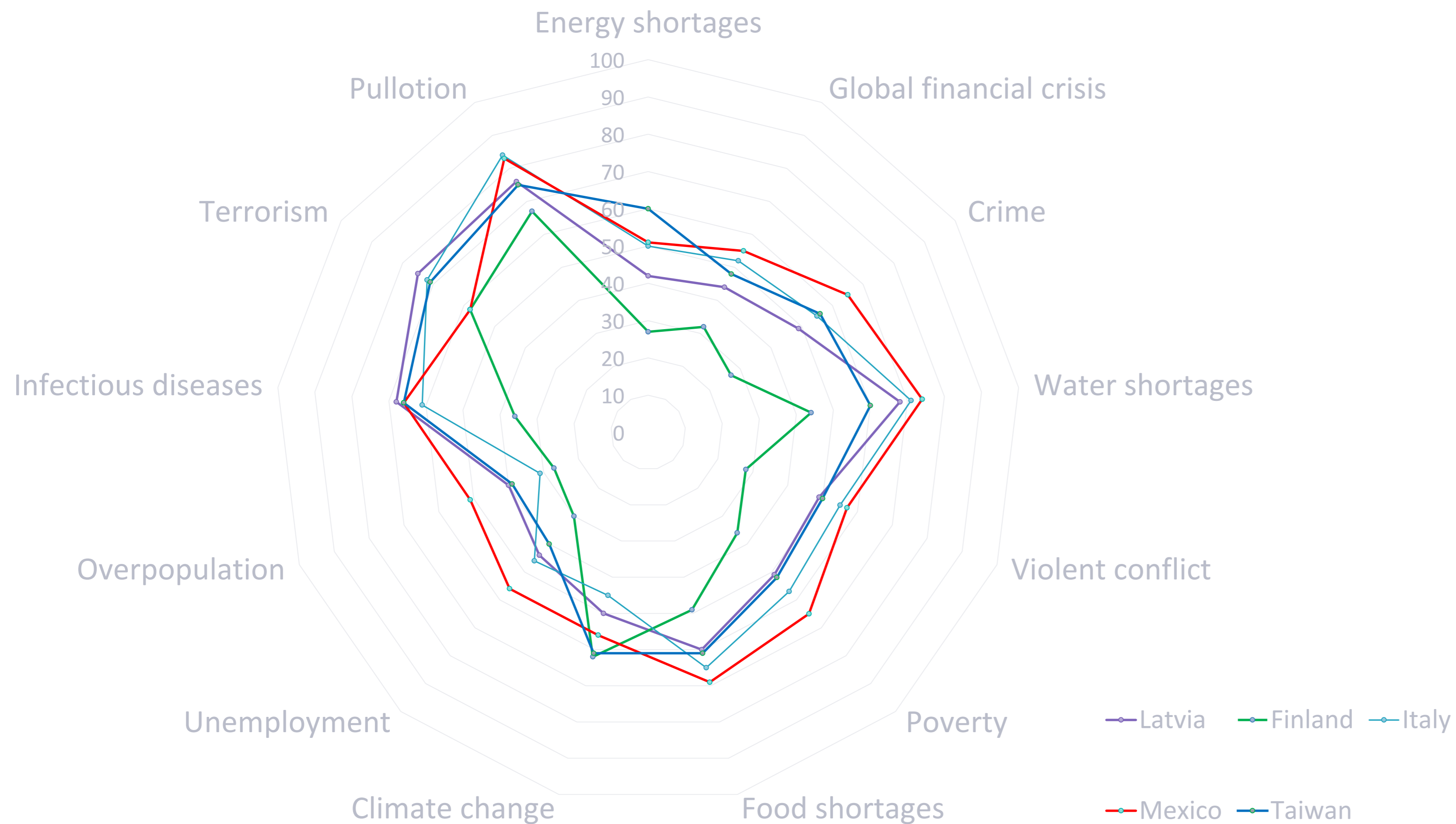
ICCS 2016





# STUDENTS WHO ANSWER «TO A LARGE EXTENT» TO QUESTION: TO WHAT EXTENT DO YOU THINK THE FOLLOWING ISSUES ARE A THREAT TO THE WORLD'S FUTURE?

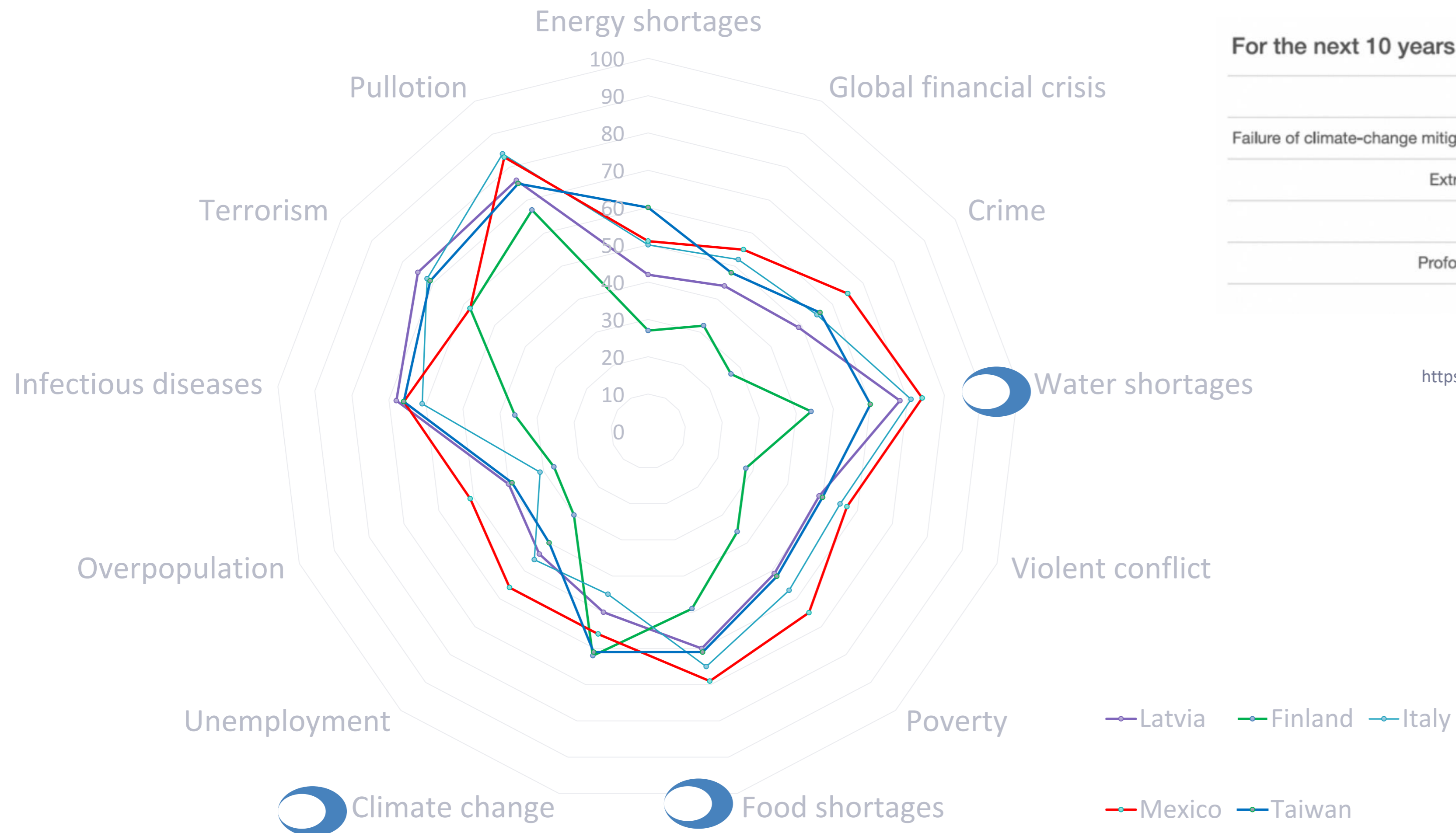
ICCS 2016, %



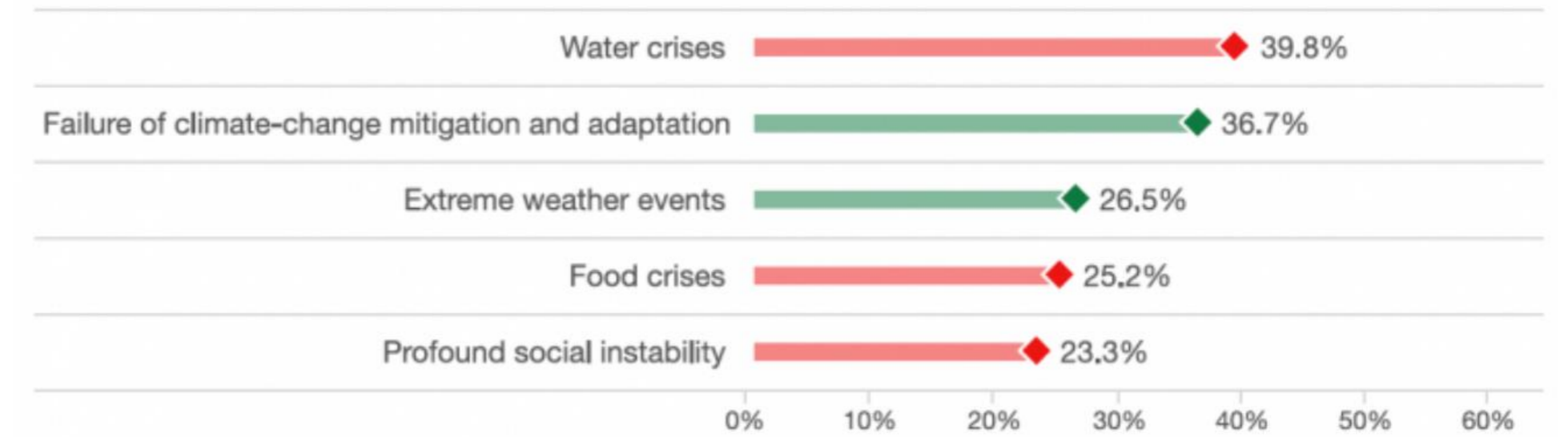


# STUDENTS WHO ANSWER «TO A LARGE EXTENT» TO QUESTION: TO WHAT EXTENT DO YOU THINK THE FOLLOWING ISSUES ARE A THREAT TO THE WORLD'S FUTURE?

ICCS 2016, %



For the next 10 years

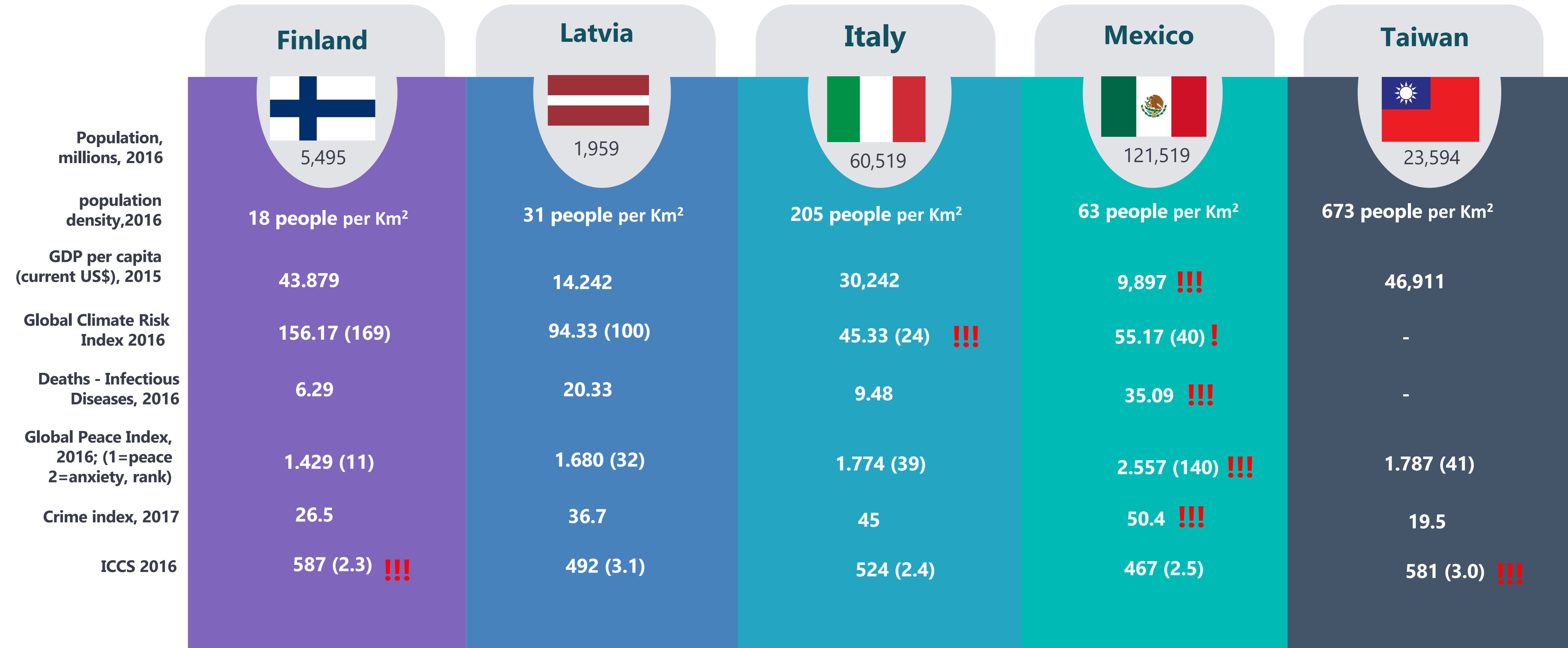


The World Economic Forum's Global Risks Report 2016  
<https://www.weforum.org/agenda/2016/01/what-are-the-biggest-threats-in-2016/>



# International studies

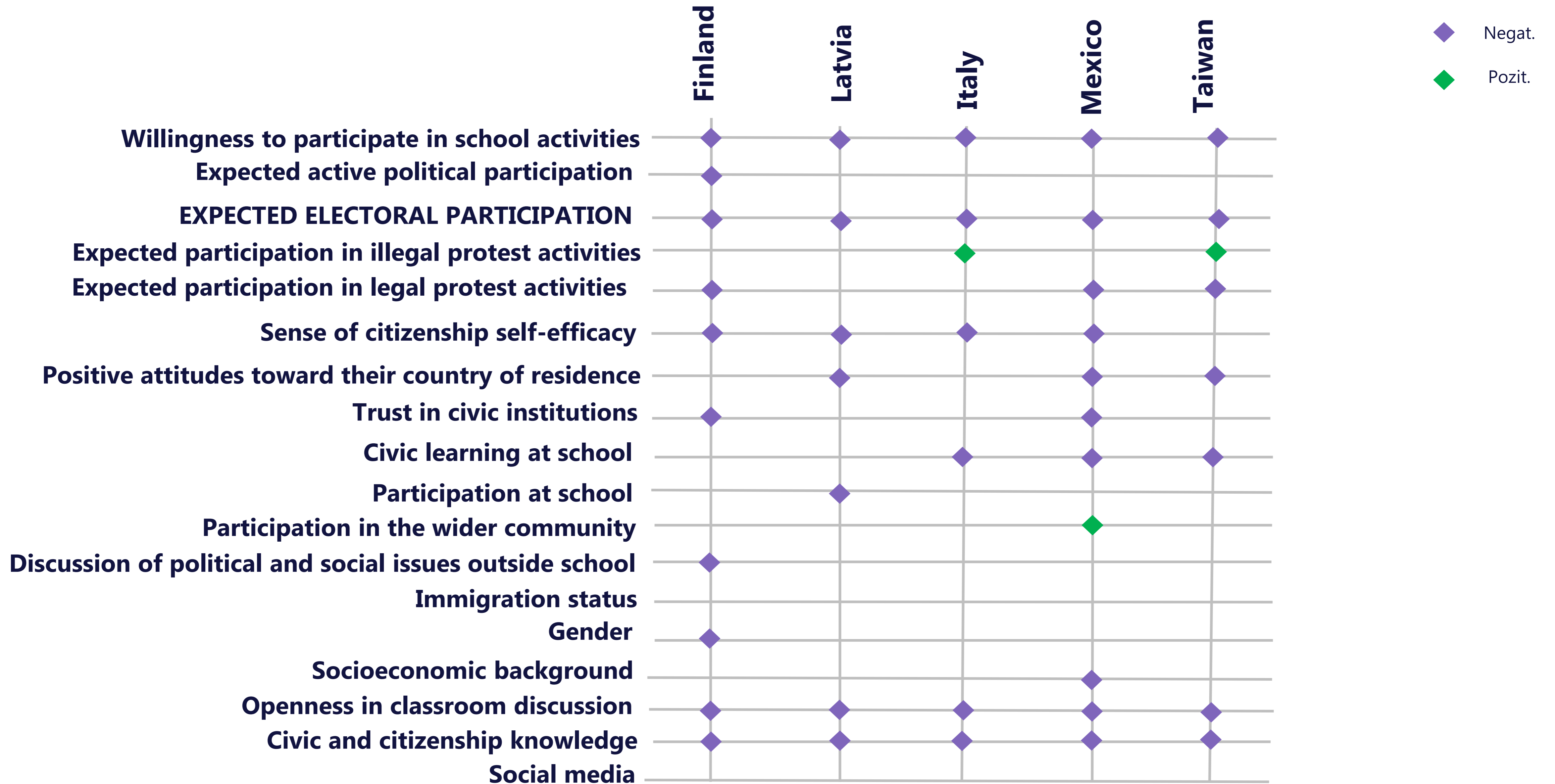
Surveys representing threats of world future





# ENERGY SHORTAGES

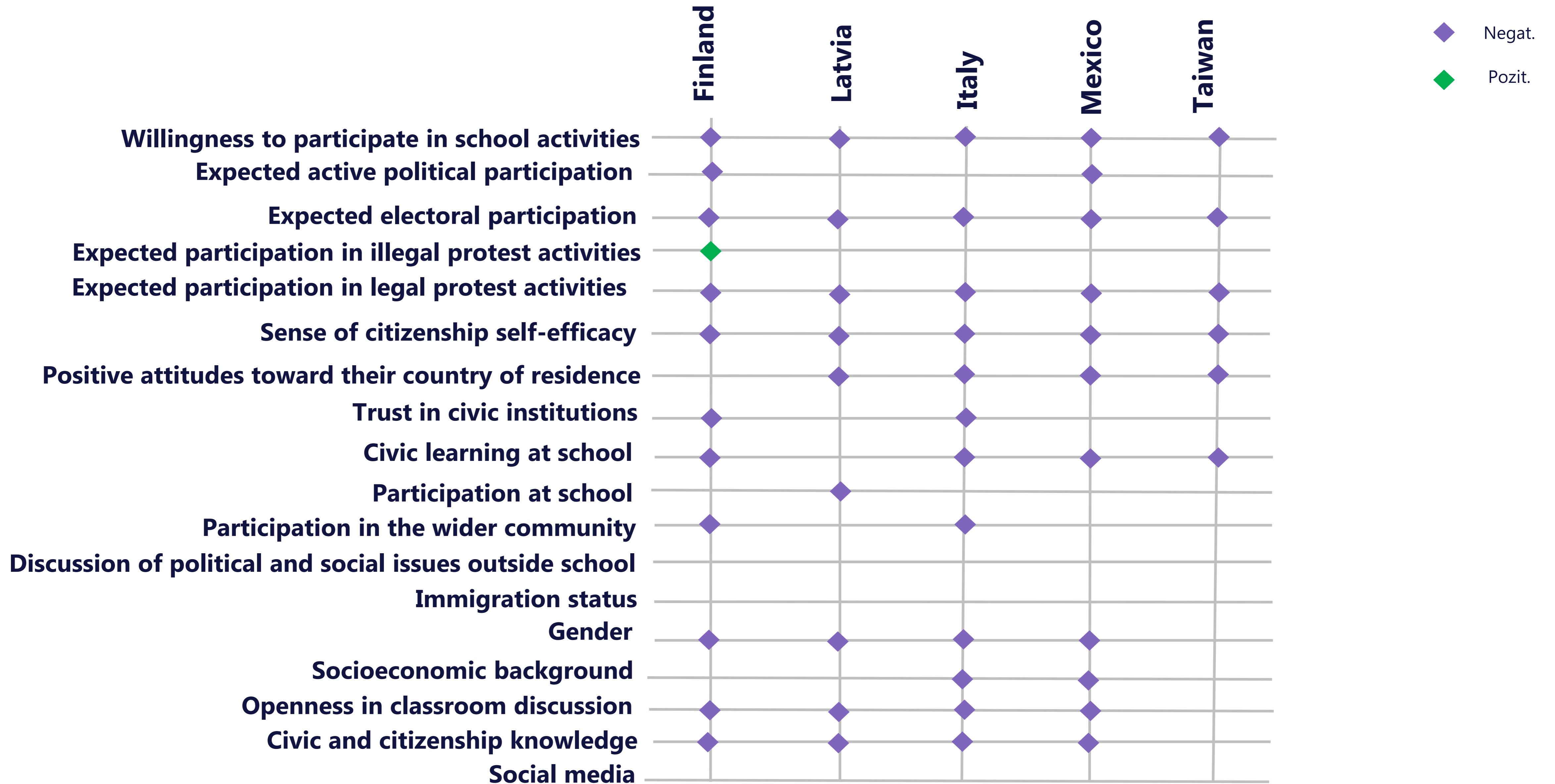
Significance level  $\alpha=0.01$ , The Spearman correlation





# VIOLENT CONFLICTS

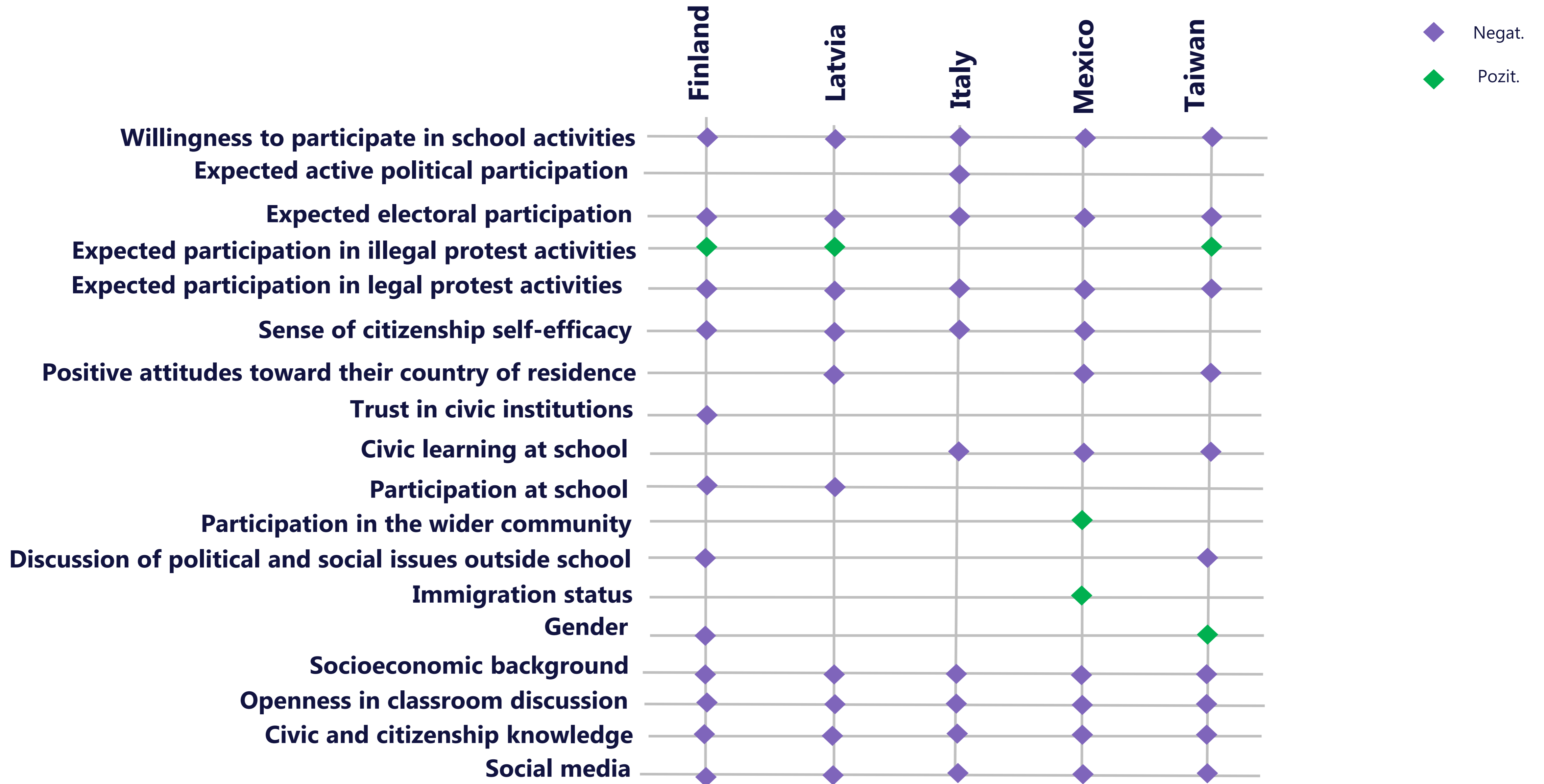
Significance level  $\alpha=0.01$ , The Spearman correlation





# CLIMATE CHANGE

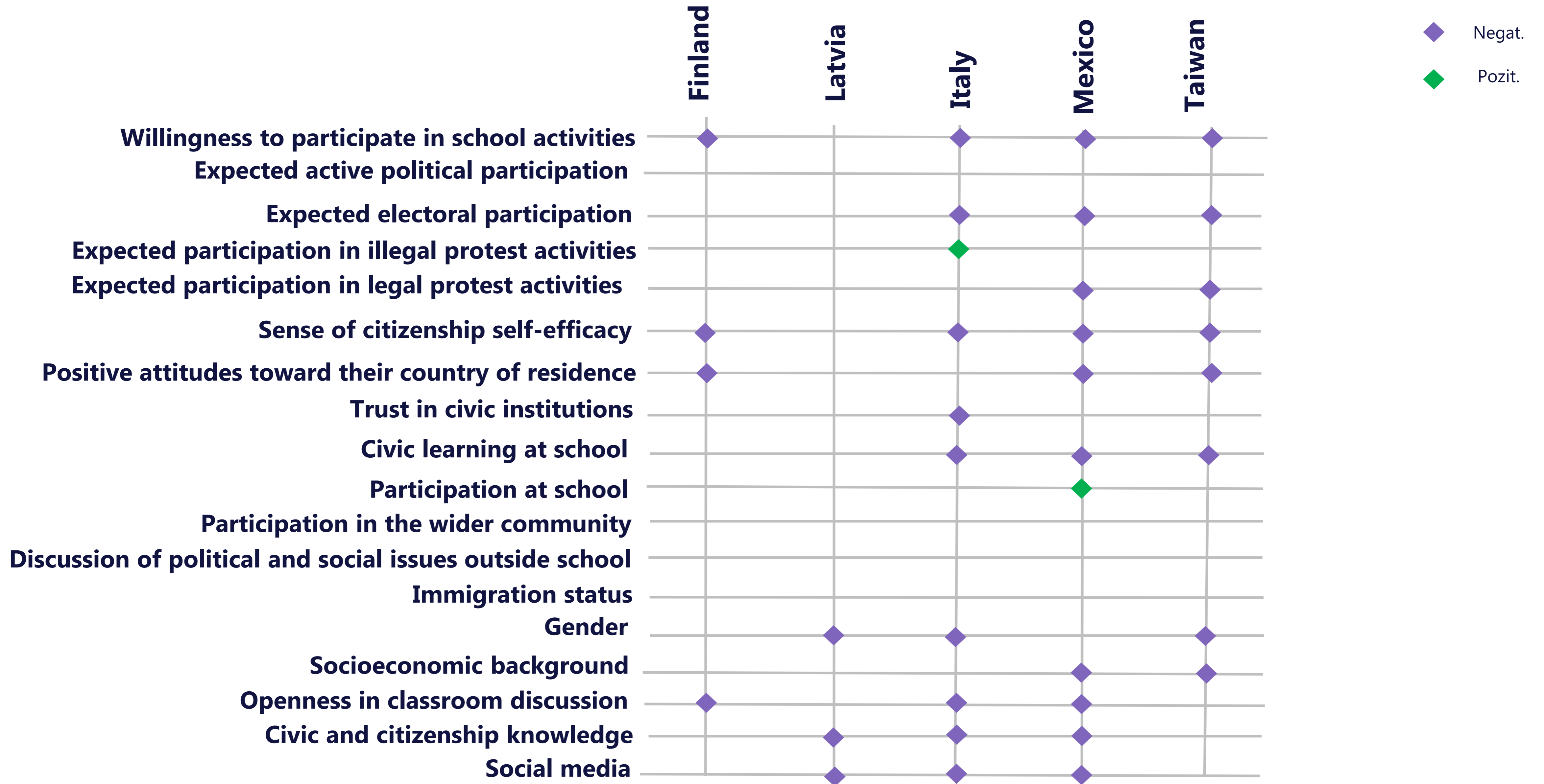
Significance level  $\alpha=0.01$ , The Spearman correlation





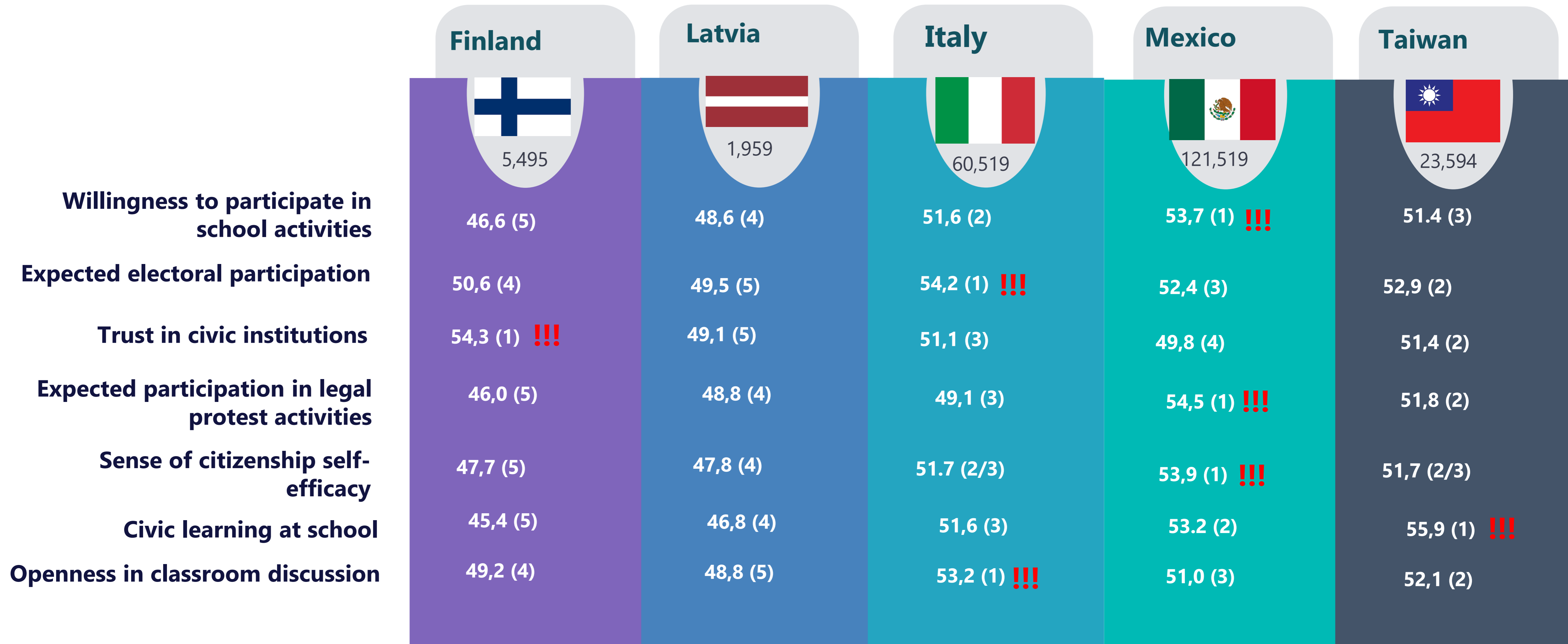
# INFECTIOUS DISEASES

Significance level  $\alpha=0.01$ , The Spearman correlation



# ICCS 2016

Mean (representing rank of scales), standar error 0.1-0.25



# TAKE AWAY TO ICCS 2022

- **Compare different regions v.s. One region countries**
- **Context of countries are important for data analyse**
- **International Indexes of economics, cultural, social, etc. complement ICCS**
- **Explore views on threats to world future according to the current situation in the world**



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