NODES OF KNOWLEDGE

UNIVERSITÄT BAYREUTH

A Network Perspective on ERASMUS+ Educational Mobility in 2021

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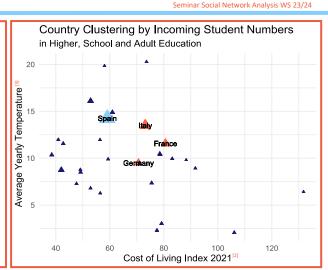
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MOTIVATION

Driven by the complexity of international student exchanges via the ERASMUS+ program, this analysis aims to gain insights into the dynamics of student mobility among European countries.

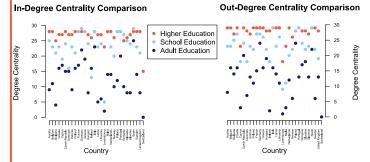
RESEARCH QUESTIONS

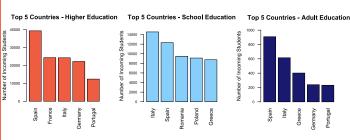
- 1. How does the structure of the ERASMUS+ networks vary across adult, higher and school education?
- 2. How well is the ERASMUS+ study program adopted across different countries?
- 3. What are the top countries in each education sector that attract the most incoming ERASMUS+ students in 2021, and what factors could contribute to this phenomenon?



ANALYSIS

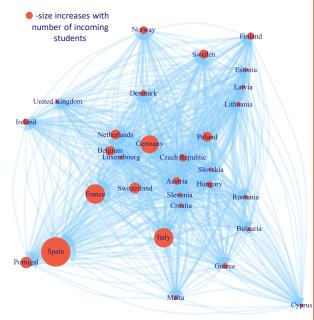
In- and Out-Degree Centrality Per Education Level





Top Five Destination Countries Per Education Level

TOTAL ERASMUS+ HIGHER EDUCATION NETWORK FOR 2021



→ 237.915 ERASMUS+ students

RESULTS

- **1.** There are **few variations** in the different networks:
- **Higher Education:** density = 0.92
- School Education: density = 0.81, 113.768 participants
- Adult Education: density = 0.45, 4.785 participants
- **2.** The ERASMUS+ program is mostly well adopted:
- In- and out-degree centralities show high participation in study program in both directions
- Especially higher and school education
- **3. Top players overlap** across the different networks:
 - Spain and Italy in **Top Five** destinations of all networks
 - Spain as overall favorite: relatively lower cost of living index and higher temperature

DATASET:

ERASMUS+ Annual Report 2021^[1] Period: 01/01/2021- 31/12/2021

Interdisciplinary Knowledge Generation