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# Promoting Academic Integrity Helps National Economy



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# Introduction

- EU project “Impact of Policies for Plagiarism in Higher Education across Europe”
  - 10/2010 – 09/2013
  - comparison of policies, identification of best practices, case studies, reports
- Academic Integrity Maturity Model (AIMM)
  - comparative tool for country integrity level measurement
  - thousands of questionnaires, structured interviews
- Comparison of AIMM scores with other country indicators
  - Macroeconomic
  - corruption Perceptions Index

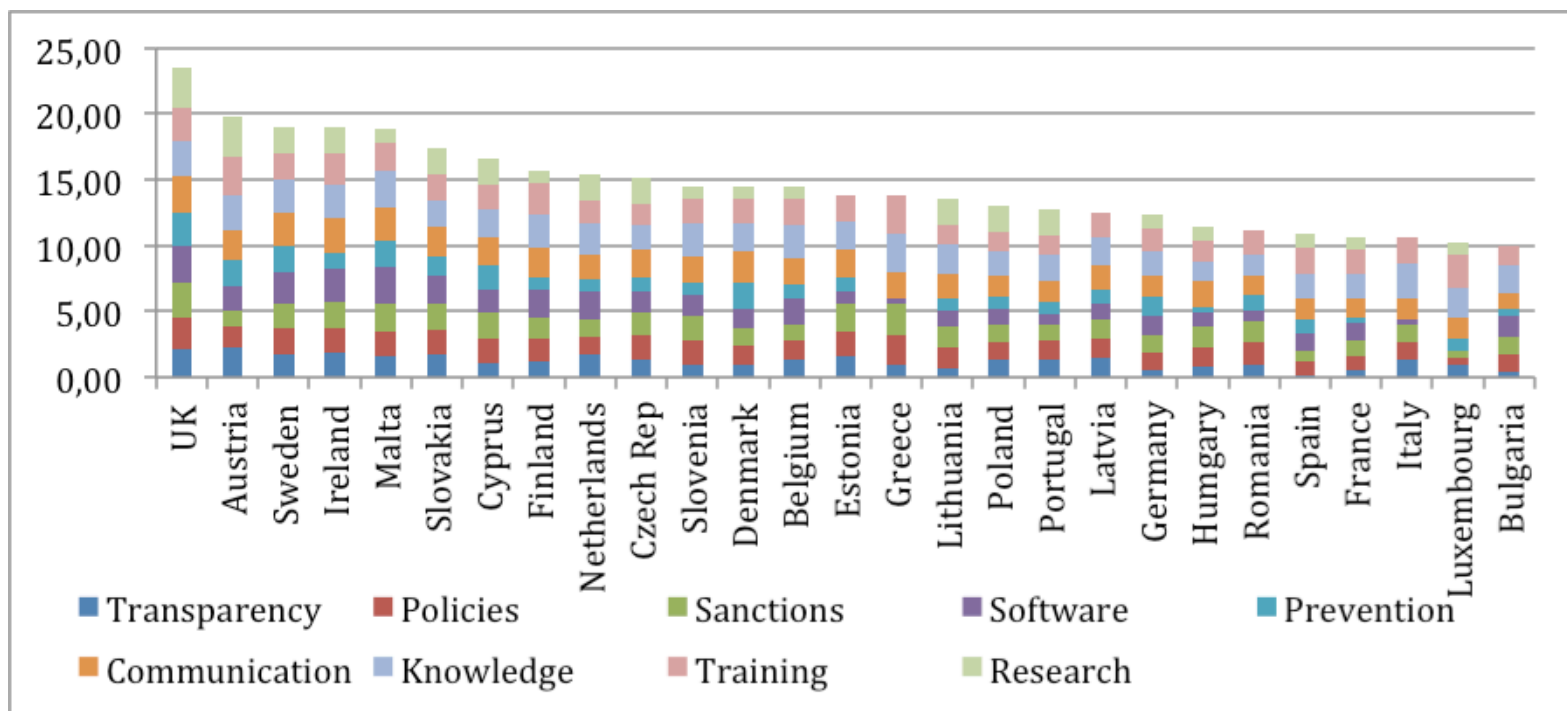
## Previous research

- Corruption Perceptions Index correlates with GDP
  - corruption negatively influences GDP
- Honesty is contagious
  - social habits influence individuals
- Relationship between honesty at school and honesty at work
  - those who cheat during exams tend to cheat in their future careers

# Academic Integrity Maturity Model

- **Transparency** in academic integrity and quality assurance;
- Fair, effective and consistent **policies** for handling plagiarism and academic dishonesty;
- Standard range of standard **sanctions** for plagiarism and academic dishonesty;
- Use of digital tools and language repositories (**software**);
- Preventative strategies and measures (**prevention**);
- **Communication** about policies and procedures;
- **Knowledge** and understanding about academic integrity;
- **Training** provision for students and teachers;
- **Research** and innovation in academic integrity.

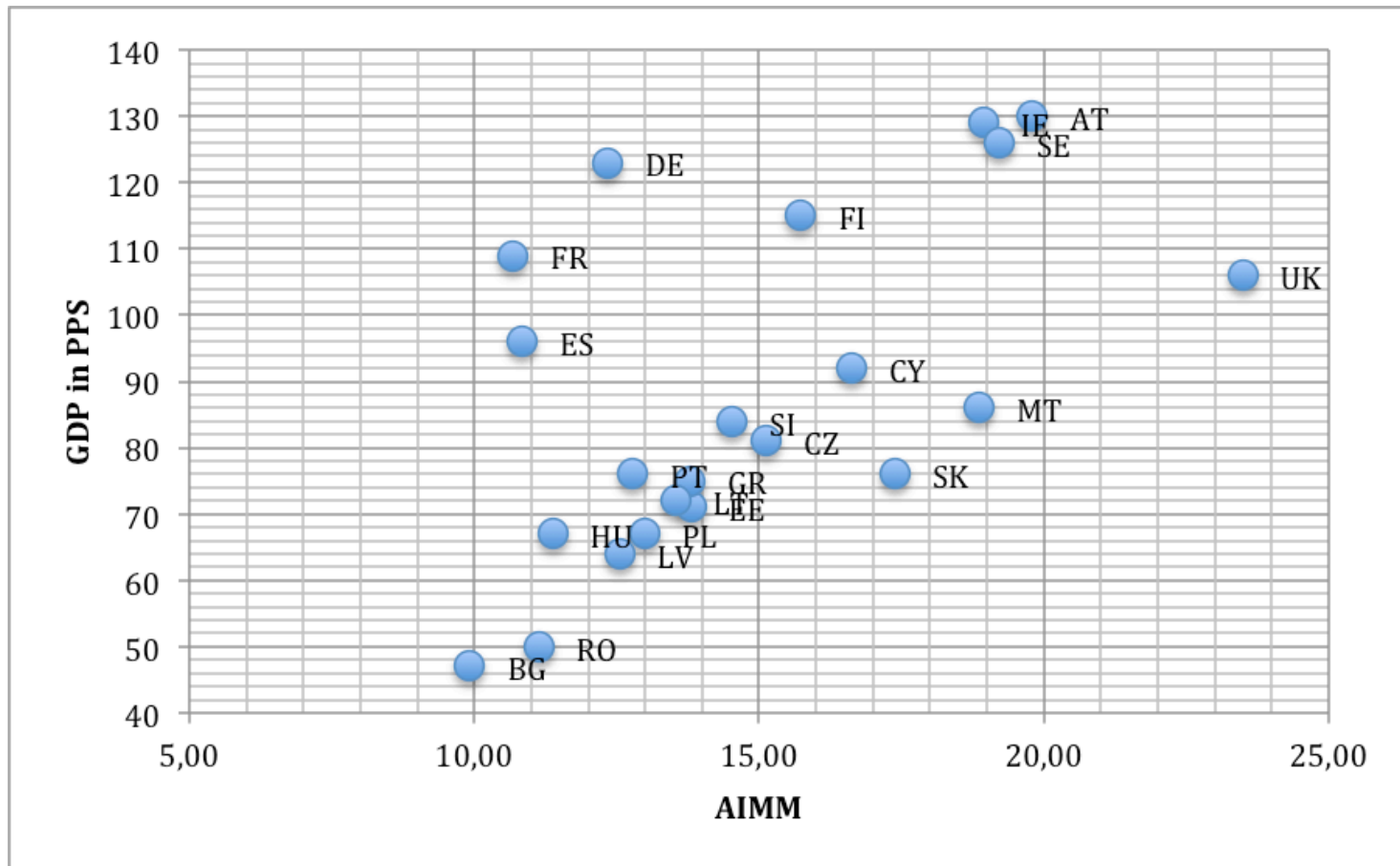
# AIMM scores for EU countries



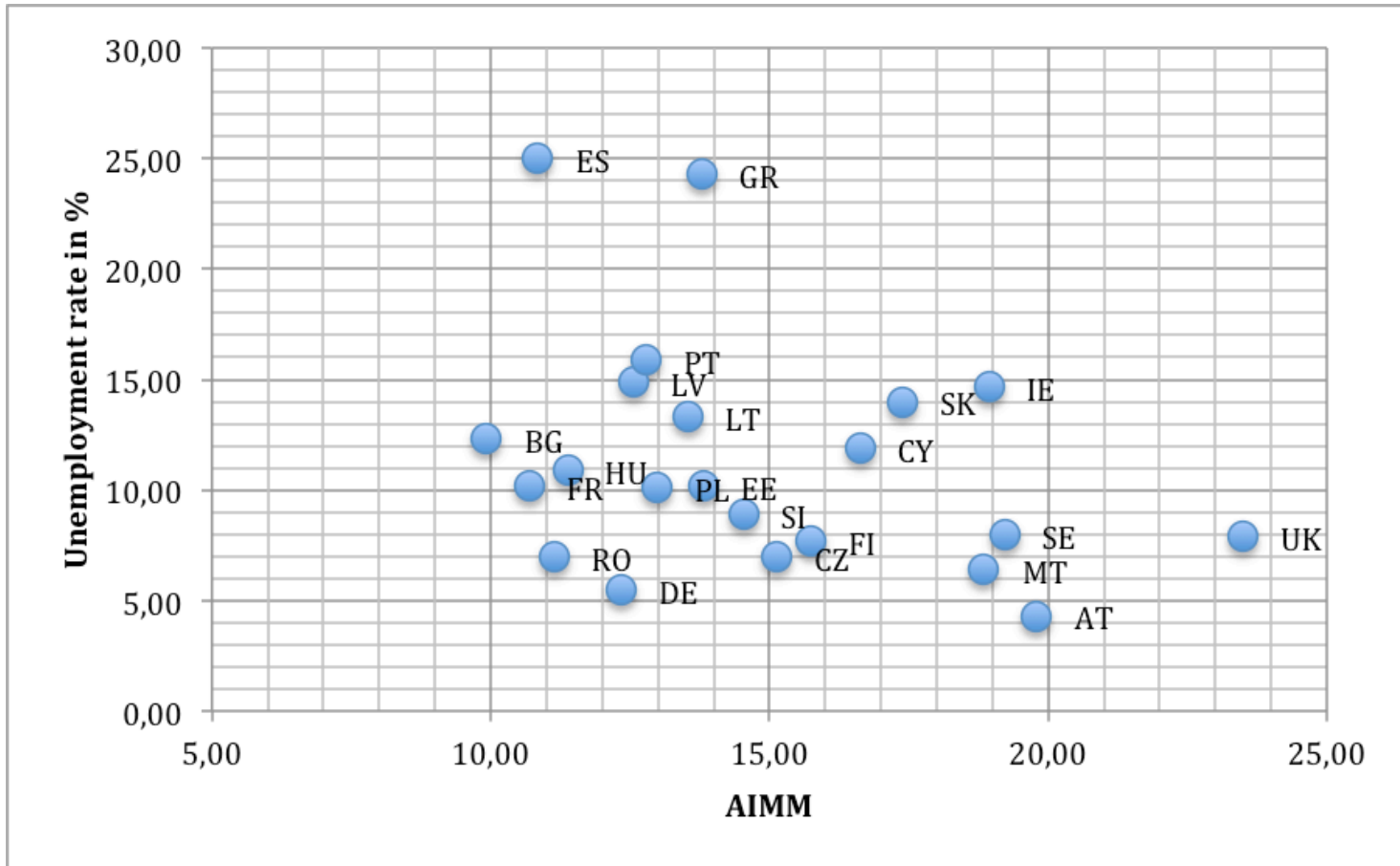
## Selected country indicators

- Gross Domestic Product
  - per capita in PPS
- Unemployment rate
- Wage difference between
  - secondary educated people
  - tertiary educated people
  - i.e. added-value of higher education
- Corruption Perception Index
  - Transparency International

# AIMM to GDP (0,57)

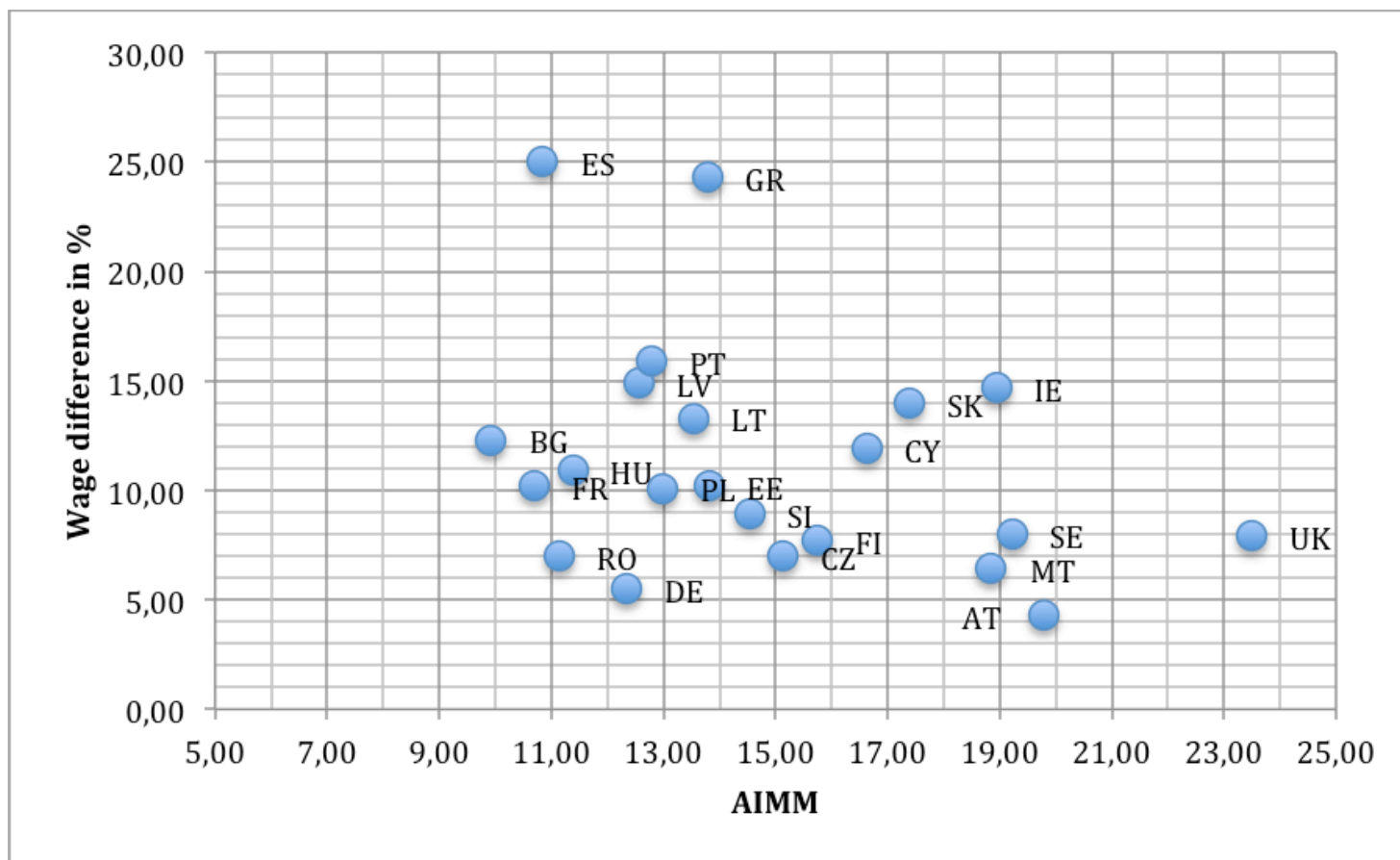


# AIMM to Unemployment (-0,33)

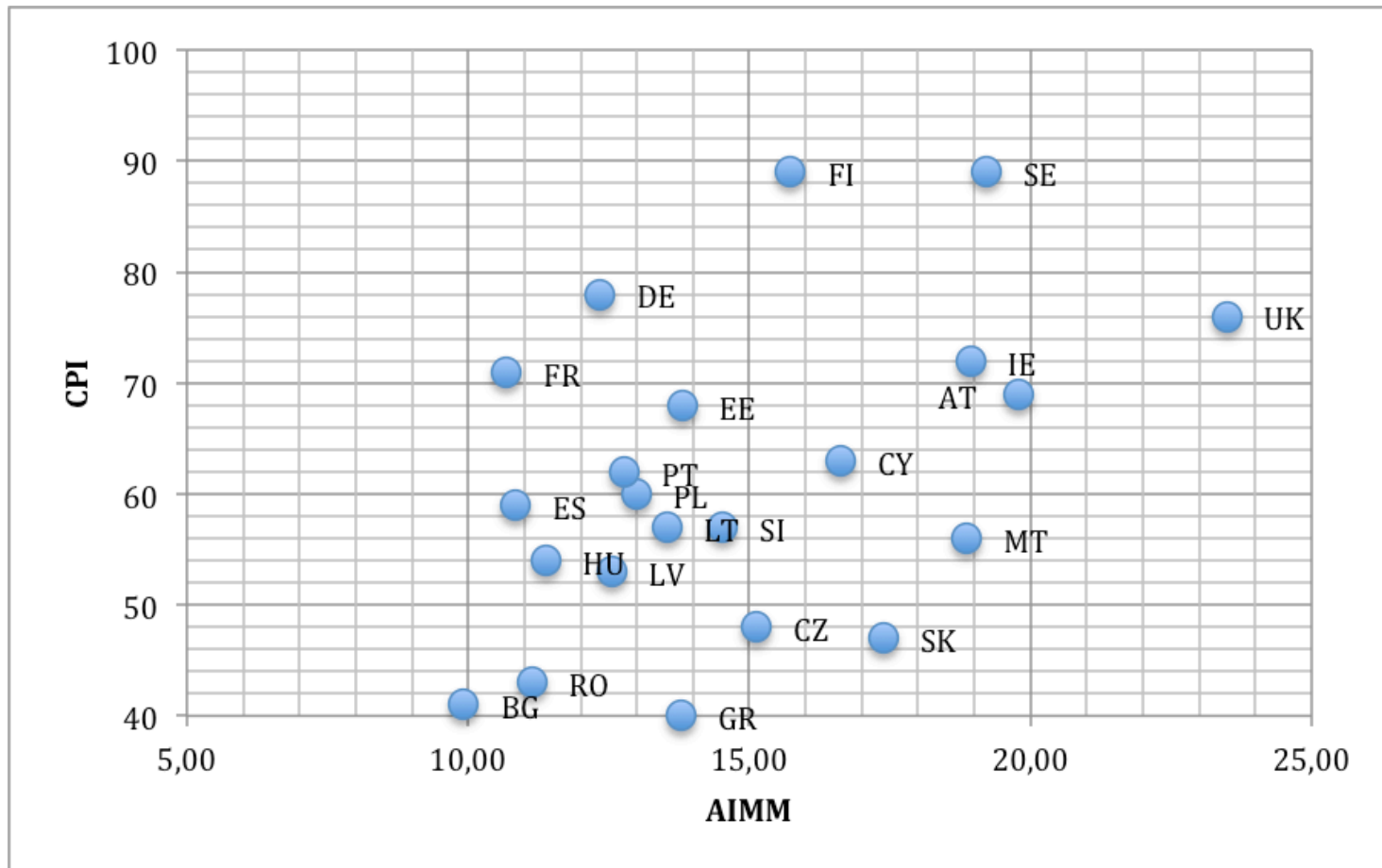




# AIMM to Wage Difference (-0,45)



## AIMM to CPI (0,44)



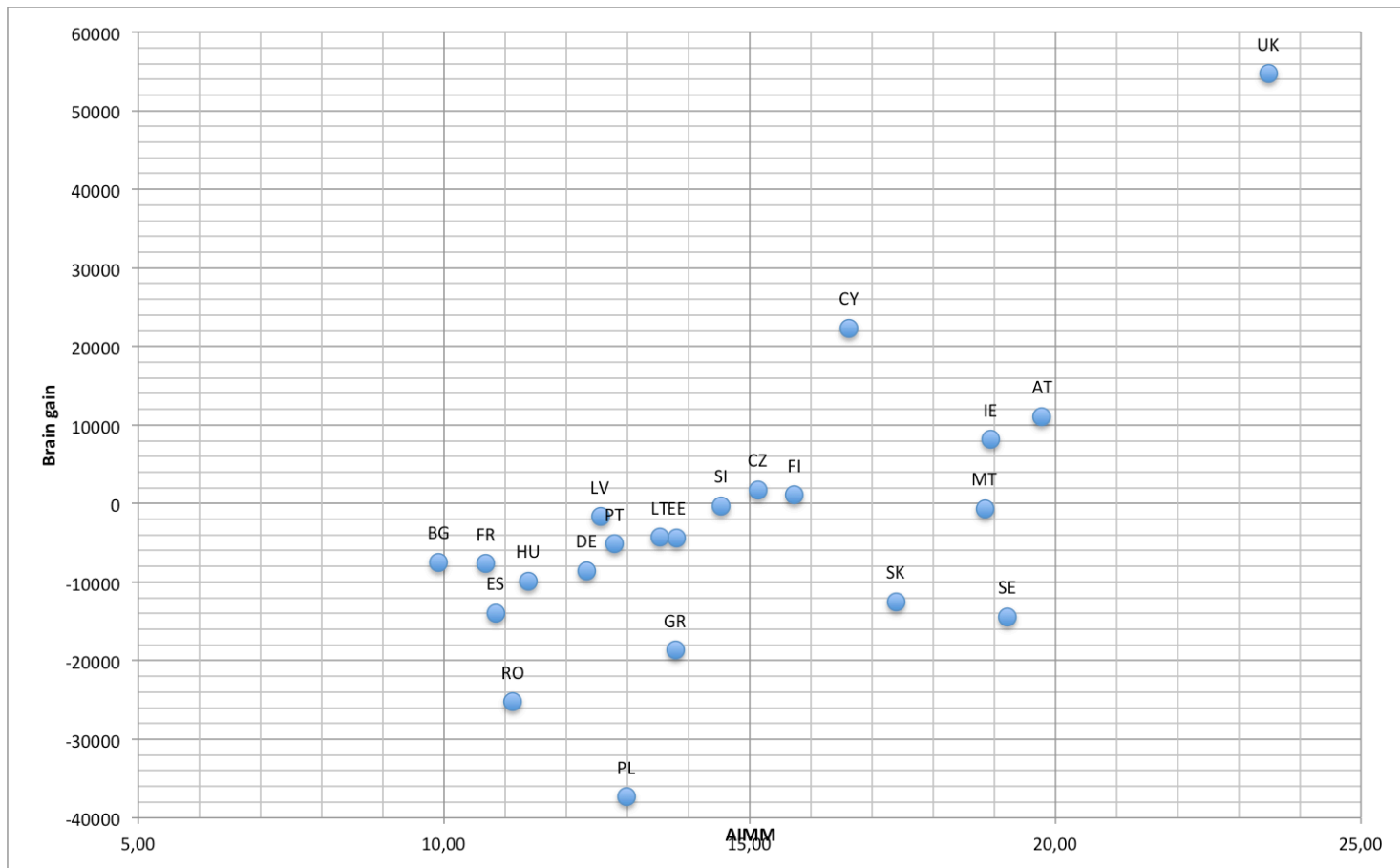
## Academic Integrity Consequences

- Countries with higher AIMM scores
  - have higher CPI
  - have higher GDP
  - have lower unemployment
  - gain brains from other countries
- Causality?
  - Academic Integrity → Honesty at work
  - Honesty → Trust → Trade
  - Rich country → Supports academic integrity
  - Academic Integrity ↔ CPI
  - GDP ↔ Unemployment

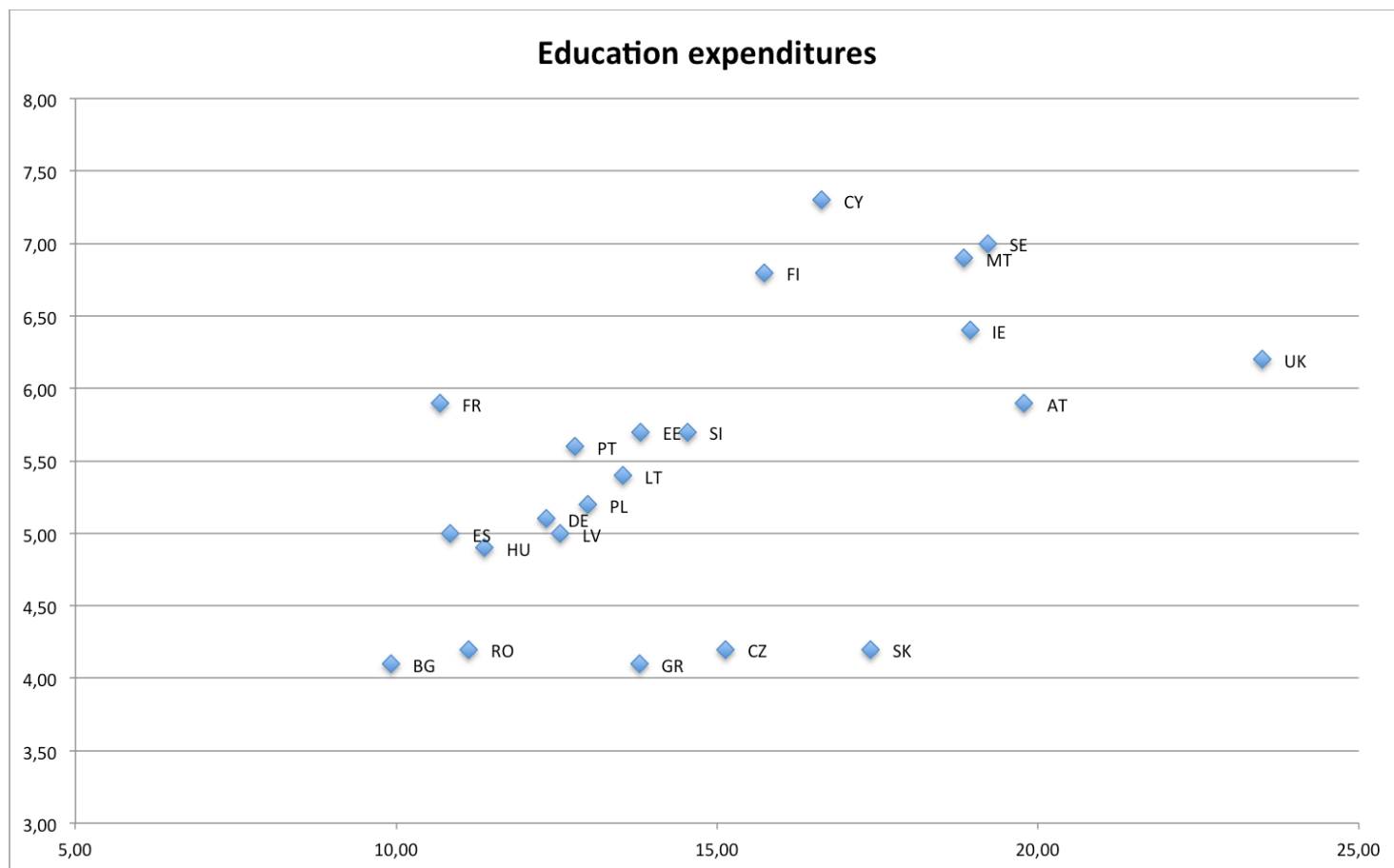
## Further result

- Not mentioned in the paper
- AIMM correlates to
  - Brain gain (0,71)
    - number of tertiary educated people who moved to the country
  - Government expenditures to education (0,54)
  - Productivity (0,32)

# AIMM to Brain Gain



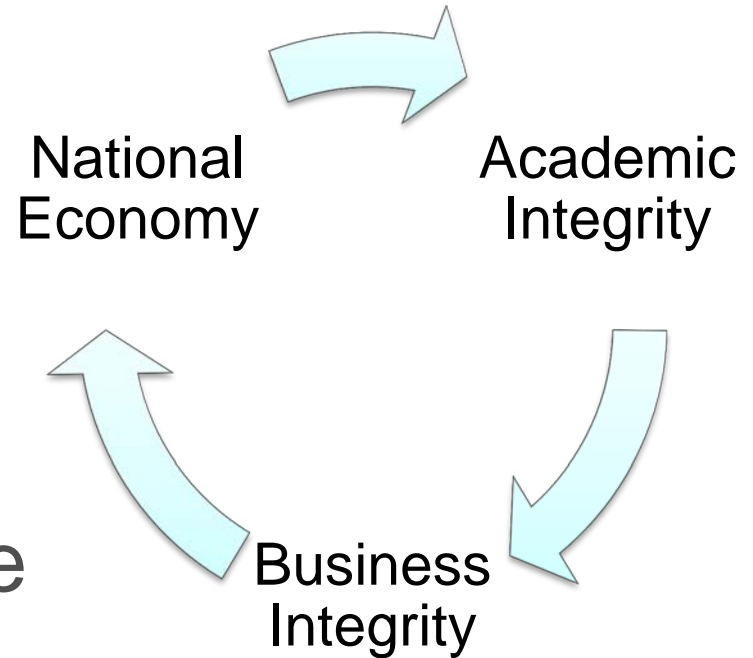
# AIMM to Education Expenditures



## Conclusions

- Academic integrity promotes integrity in business
  - companies are more attractive for professionals from other countries
- Trust increases productivity
  - no need for excessive supervision
- AIMM correlates with GDP per capita
  - integrity helps economy
  - rich countries spend more on education
  - GDP correlates with unemployment
- Education expenditures help integrity
  - more resources for prevention, policies fair sanctions, software, research...

## The End



Let's support the circle  
in the place we can

Thank you for your attention...  
Questions, comments?