



University of Maribor

# FOI International Day

Research. Innovation. Networking - Growing  
through sharing ideas

Data Analytics track

May 20, 2021

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Acting vice-dean for international  
collaboration FOV UM



# STUDY PROGRAMS AT THE FACULTY OF ORGANIZATIONAL SCIENCES (FOV)



Fakulteta za organizacijske vede



Enterprise Engineering



Crisis Management



Organization and Management of Human Resource and Educational Systems



Management in Sport



Organization and Management of Information Systems



Management in Health and Social Welfare



- Department of Enterprise Engineering
- Department of Human Resources systems
- Department of Informatics
- Department of Methodology
- Department of Organization and Management

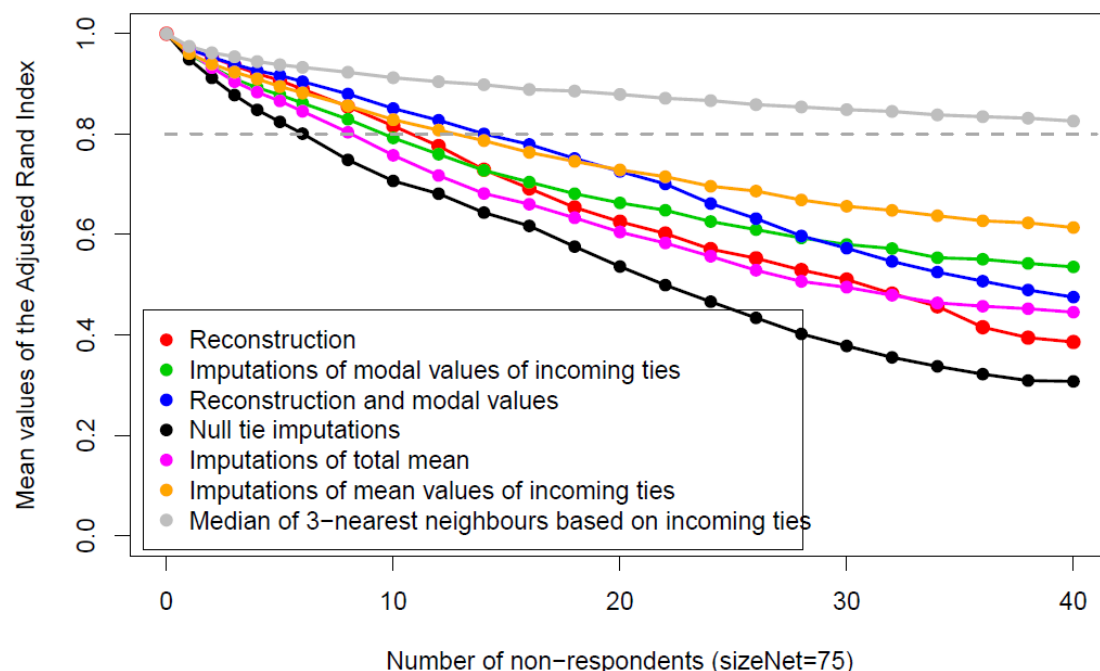
- Associate Profesor of quantitative methods in organizational sciences
- Member of the Department of quantitative methods
- Acting vice-dean for the international collaboration
- Teaching Mathematics, Statistics, Multivariate analysis, Research methodology, Social network analysis
- List of publications available at [Sicris](#)

# My research interests (I.)

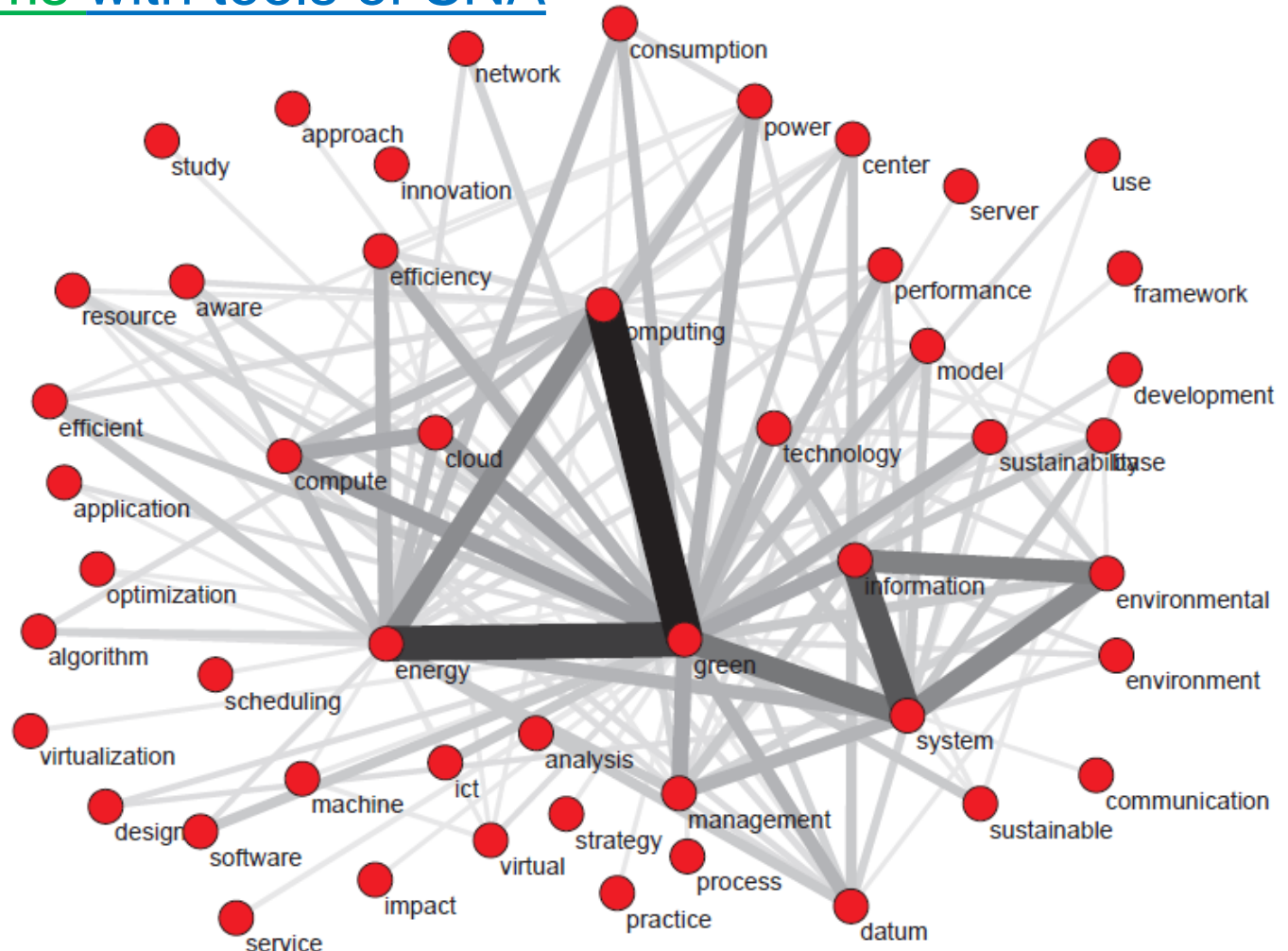
## Social network analysis, errors due to actor non-response, and the best non-response treatments

	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15
A1		2	2	3	3	2	4		1						
A2	4		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
A3	3	5		5	5	2	3	1		1					
A4	5	5	5		4	3	2			1					
A5	5	5	4	5		2	3		1			2			
A6	5	5	4	5	4		3	1							
A7	5	4	4	4	5	4						1			
A8		2		1	1	1			2	1	2	2			
A9		1	2	1				3		3	2	3			
A10	2	NA	NA	NA	2	NA	3	2	3	NA	3	3	NA	NA	NA
A11	1	2						3	4	3		2			
A12	1	1		1	1	1	2	3	3	4	3				
A13													1		
A14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3	NA	3
A15	1	1	1	1				1					1	3	

Results of the simulation study for the Mean of Adjusted Rand Index for the coreperiphery model



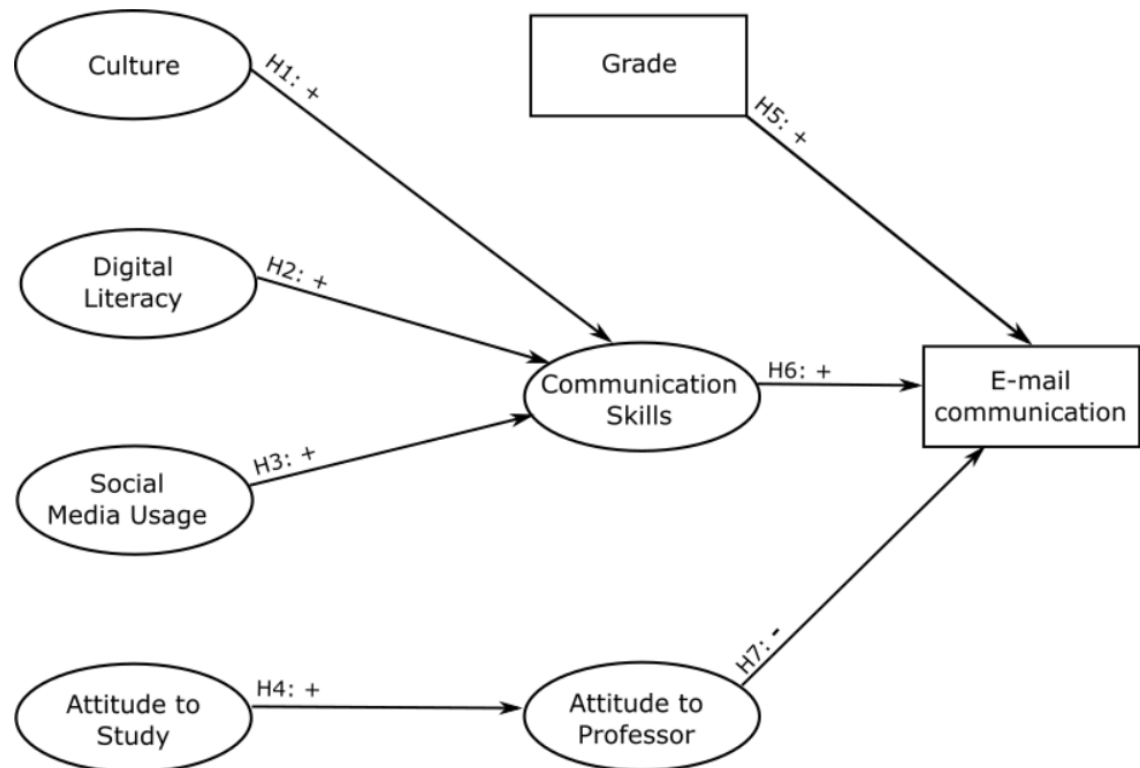
## Information systems with tools of SNA



## International study on etiquette and style of students'

### email communication

### Research model:

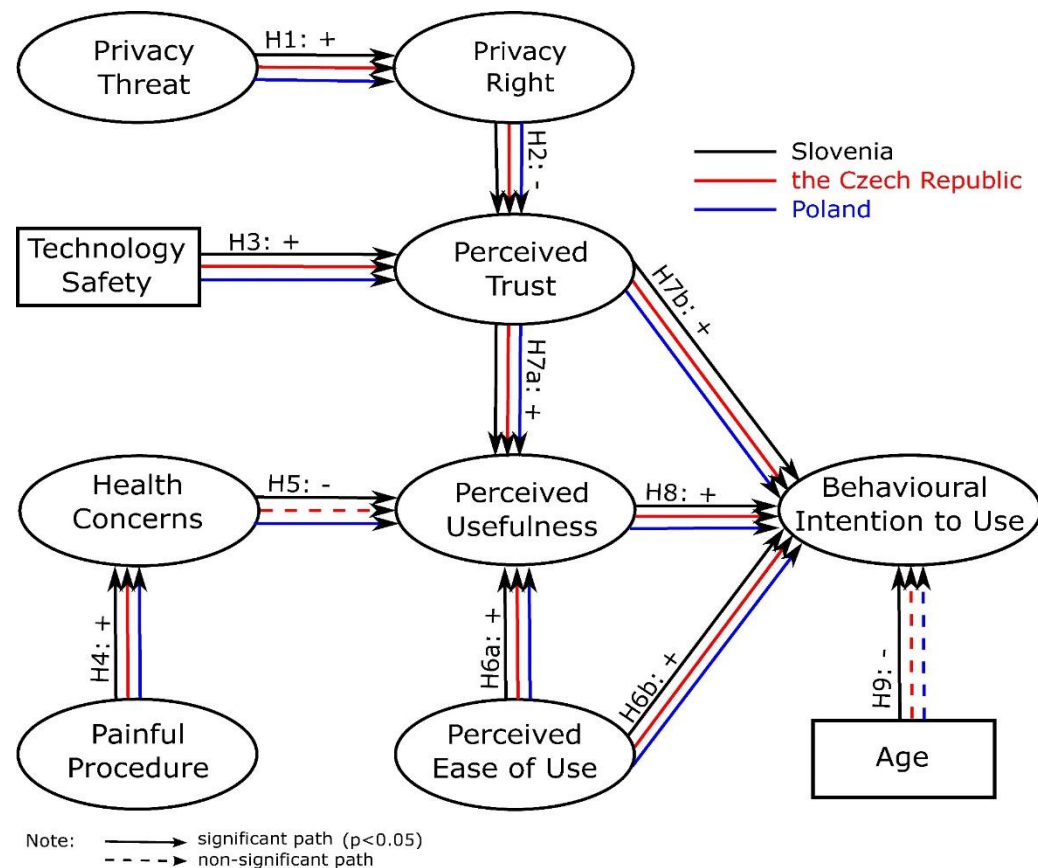




# My research interests (IV.)

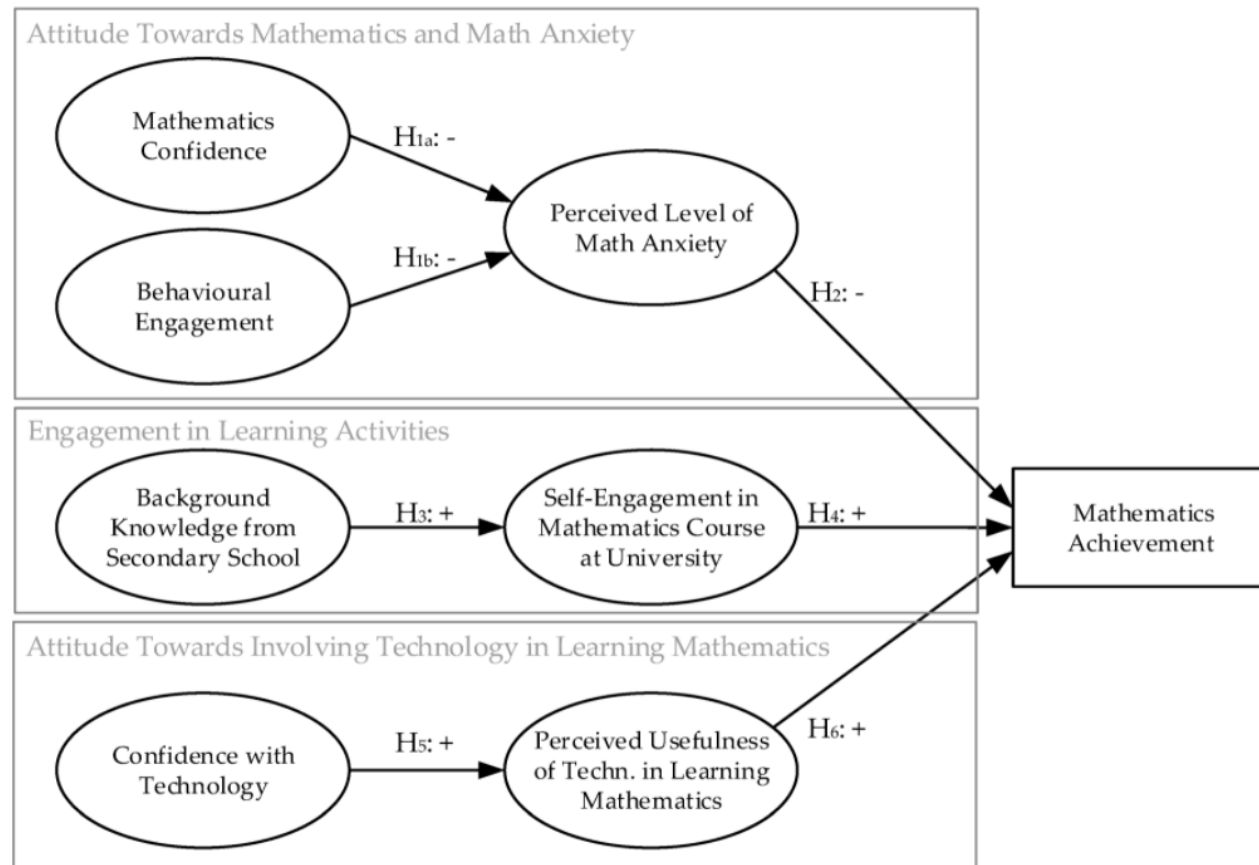
International, longitudinal study on willingness to use a microchip implant for various purposes, healthcare, purchases, identification,...

Results from 2016,  
a new round of data collection  
is currently underway.



## Longitudinal study on students' achievements at mathematics

A new round of data collection considering also the impact of online learning and stress due to Covid-19 pandemics is currently underway.





University of Maribor

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Faculty of Organizational Sciences

*Thank you for your attention.  
We are looking forward to further  
collaboration.*

