

# From SPSS to R in Social Sciences

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Juan Claramunt González, Universiteit Leiden



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# Why?

## Didactical

- Focus on conceptual understanding and statistical literacy

## Good research practices

- Open Science

## Career

- Programming skills

## Community

- Strong online community



# Implementation

## Staff

- Meetings with all the departments

## Students

- Pilot study
- Stepwise transition

# Quantative results

- Similar results for both theory and practice exams
- Theory results:

Course	Passing rate 2023	Passing rate 2024
IMS	86 %	96 %
IS	79 %	88 %
ECR	87.5 %	87.4 %

- R results:

Course	Passing rate 2023	Passing rate 2024
IMS	85.96	97.37
IS	75.48	54.18
IS (retake)	75.48	89.30
ECR	90.84	87.69

Better result

Similar result

Worse result

# Qualitative results

Students loved it!

Enjoyed the R lessons

R-practice sessions

keep R!

R is good.

R-studio ♥

I liked the workgroups and working with Rstudio

The R-tutorials.

I liked using R the most

The R workgroups were nice

R werkgroepen

The classes regarding R and R studio

R Studio

Working with R

R-studio is very interesting.

The workgroups + R

# Tips

- Use an IDE
- Slow start
- Focus on already existing functions
- Combine your own material with online available material

# Conclusions

- Do not be afraid of the change
- Students will adapt to any software
- Results will not get worse
- Students like R more than SPSS



# SPSS2R Team

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