

# Tutorial on Linked Open Data Analysis in R 2013 Meertens Instituut edition

---



dr. Willem Robert van Hage  
W.R.van.Hage@vu.nl

dr. Rinke Hoekstra  
Rinke.Hoekstra@vu.nl

# Goals of the Tutorial on Linked Science

---

- Get a feeling for how to combine Linked Data and scientific analysis
- See how to translate a research question into a simple combination of
  - SPARQL queries
  - Data aggregation
  - Analysis by means of Statistical tests / Visualization
- Learn some basic R and SPARQL skills
- Learn how to teach yourself more
- Get to know like-minded people

# Outline

---

- Install R, RStudio, R packages, Gephi from the web or from USB stick or Dropbox  
Installation information is in the README file
- Copy tutorial scripts from USB stick or GitHub
- Intro R and SPARQL
  - *break*
- Tutorial part 1 – Linked Open Piracy (events and statistics)
  - *break*
- Tutorial part 2 – Hollywood movie stars (social network analysis)