

## **Use case III –Social Sciences: Mining data references from social science publications to enhance information discovery and linking**

*Friday, 1 December 2017 14:15 (5 minutes)*

Research in the Social Sciences is usually based on survey data which consist of a number of single research questions (so-called variables). However, due to a lack of standards for data citations a reliable identification of variable references in scientific publications is often difficult. We present a work-in-progress study that seeks to provide a solution to the variable detection task based on supervised machine learning algorithms.

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**Session Classification:** Text and data mining for open science