

**(1.1) Title**

Negation Scope Detection with Neural Networks

**(1.2) Study type**

Secondary use of existing data

**(1.3) Division**

Methodology and Statistics for the Behavioural, Biomedical and Social Sciences

**(1.4) Start date**

14 October 2020

**(1.5) End date**

10 May 2021

**Basic information**

(1) Name(s) and surnames(s), Solis ID and e-mail address of the student(s):

Name and surname   Student number   E-mail

Daan de Jong

5942713

d.dejong1@uu.nl

(2) Name and surname, position and division of main thesis supervisor:

Name and surname   Position   Division   E-mail

Ayoub Bagheri

Assistant professor

Social sciences

a.bagheri@uu.nl

(3) What is the study's (main) research question?

How can we automatically detect negation scopes in written text?

### Existing data

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(1) Will you be using:

- ☐ Data provided by supervisor
- ☒ Open access data (e.g. DANS, ICPSR, GESIS, other), or Statistics Netherlands
- ☐ Online data such as social media data or data scraped from web pages

**In question below, one or more answers prevent 'exempted' status**

(2) Where was the data collected?

- ☐ the Netherlands
- ☒ Abroad, outside the Netherlands. Please name the country

Hungary

### Open data, CBS

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(1) Where did you get the data? (data archive, website)

- ☐ DANS
- ☐ ICPSR
- ☐ GESIS
- ☐ CBS
- ☐ European Social Survey
- ☐ LISS panel
- ☐ From website
- ☐ From book or publication
- ☒ Other

Kaggle (website)

(2) Give a reference to your data (e.g. link or number)

<https://www.kaggle.com/ma7555/bioscope-corpus-negation-annotated>

(3) The data...

- ☒ ... are anonymous
- ☐ ... are pseudonomised and the identifying key is not in possession of the researcher (student)
- ☐ ... are pseudonomised and the identifying key is available to the researcher (student)
- ☐ ... are not anonymous

(4) The research project in which the data were collected received earlier ethical approval from some ethical review board

- ☐ Yes, I upload the approval document at the end of this application
- ☒ Yes, see the information on this website (provide link)
- ☐ No, indicate the year of data collection and why is there is no such approval.

<https://bmcbioinformatics.biomedcentral.com/articles/10.1186/1471-2105-9-S11-S9#rightslink>

**In question below, one or more answers prevent 'exempted' status**

(5) The information letter and a consent form are available

- ☐ Yes, I will upload them at the end of this application
- ☒ No, please explain

Not applicable

## Data management 1

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(1) Data are or will be stored on faculty servers (YODA and/or FSBS research storage) in accordance with faculty protocol

- ☒ Yes
- ☐ No, because data are not allowed to leave the external institute where the research project takes place
- ☐ No, but a copy of the anonymized raw data will be stored on the faculty servers
- ☐ Other, please explain

**In question below, one or more answers prevent 'exempted' status**

(2) Access to data is limited to student and supervisor(s).

- ☐ Yes  
☒ No, please explain

Data are open source

**In question below, one or more answers prevent 'exempted' status**

(3) Storage period is in accordance with faculty protocol and/or additional statutory provisions.

- ☐ Yes  
☒ No, please explain

Not applicable

**In question below, one or more answers prevent 'exempted' status**

(4) Data are not shared with external organization

- ☐ Correct  
☒ No, please explain

Data are open source

## [Attachments](#)

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(1) Questionnaire

[Naamloos.txt](#) deleted D. de Jong 9 October 2020 - 16:15:20

(4) Information letter(s)

No files have been uploaded yet

(5) Informed consent form(s)

No files have been uploaded yet

(9) Miscellaneous documents e.g. data set description (optional)

No files have been uploaded yet

## Signature

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(1) Corona protocols

☒ I declare that I have read the relevant [UU Corona protocols](#), and will follow them as I perform the study

(2) I declare that I have completed the above truthfully, my Solis ID is:

5942713