Your Thesis Title May Span for a Maximum of Three Lines on the Cover Page

Firstname Lastname



Master of Science in Assessment, Measurement and Evaluation 30 credits master thesis

CEMO: Centre for Educational Measurement Faculty of Educational Sciences

Spring 2022

Popular Abstract

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Acknowledgements

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Keywords: keyword 1, keyword 2, keyword 3

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Level 2 Heading

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Level 3 Heading

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Level 3 Heading

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Method

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Sample

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Measures

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Statistical Analysis

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$$E = mc^2 (1)$$

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Results

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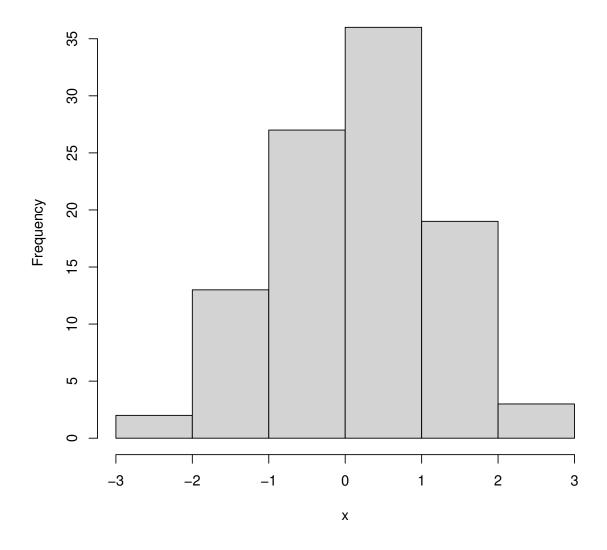
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A Generic Level 2 Heading

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Figure 1 *Histogram of 100 Random Numbers*



Note. This histogram depictures the frequency distribution of 100 random numbers drawn from the standard normal distribution N(0,1) using seed 2020.

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Another Generic Level 2 Heading

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Discussion

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Conclusion

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References

- Lüdtke, O., Marsh, H. W., Robitzsch, A., Trautwein, U., Asparouhov, T., & Muthén, B. (2008). The multilevel latent covariate model: A new, more reliable approach to group-level effects in contextual studies. *Psychological Methods*, *13*(3), 203–229. https://doi.org/10.1037/a0012869
- Marsh, H. W., Lüdtke, O., Robitzsch, A., Trautwein, U., Asparouhov, T., Muthén, B., & Nagengast, B. (2009). Doubly-latent models of school contextual effects: Integrating multilevel and structural equation approaches to control measurement and sampling error. *Multivariate Behavioral Research*, 44(6), 764–802. https://doi.org/10.1080/00273170903333665

Appendix A

GDPR Documentation & Ethical Approval

Statement where you declare that you followed proper protocol wrt GDPR and ethical approval given the particular context of your study. Followed by a statement where you list what documents/evidence you include in this appendix A:

- e.g., NSD GDPR Notification test & NSD GDPR Test outcome
- other

About us (/personvernombud/en/about_us.html)
Norwegian (/personvernombud/meld_prosjekt/meldeplikttest.html)

NSD (/) > Personverntjenester (/personvernombud/) > Data Protection Services (/personvernombud/en/) > Notify project (/personvernombud/en/notify/) > Notification Test

Denne siden på norsk (/personvernombud/meld prosjekt/meldeplikttest.html)

Will you be processing personal data?

Are you unsure whether your project is subject to notification? Feel free to try our informal Notification test. Note that the test is intended as a quidance and is not a formal assessment.

Will you be collecting/processing directly identifiable personal data?





A person will be directly identifiable through name, social security number, or other uniquely personal characteristics.

Read more about personal data (/personvernombud/en/help/vocabulary.html?id=8) and notification (/personvernombud/en/notify/index.html).

NB! Even though information is to be anonymized in the final thesis/report, check the box if identifying personal data is to be collected/processed in connection with the project.

Will directly identifiable personal information be linked to the data (e.g. through a reference number which refers to a separate list of names/scrambling key)?





Note that the project will be subject to notification even if you cannot access the scrambling key (/personvernombud/en/help/vocabulary.html?id=11), as the procedure often is when using a data processor (/personvernombud/en/help/vocabulary.html?id=3), or in register-based studies (/personvernombud/en/help/research_methods/register_studies.html).

Will you be collecting/processing background information that may identify individuals (indirectly identifiable personal data)?

Oyes



A person will be indirectly identifiable if it is possible to identify him/her through a combination of background information (such as place of residence or workplace/school, combined with information such as age, gender, occupation, etc.).

Will there be registered personal data (directly/indirectly/via IP or email address, etc.) using online surveys?

○Yes



Please note that the project will be subject to notification even if you as a student/researcher cannot access the link to the IP or email address, as the procedure often is when using a data processor.

Read more about online surveys (/personvernombud/en/help/research_methods/online_surveys.html).

Will there be registered personal data using digital photo or video files?

Oyes

○No

Photo/video recordings of faces will be regarded as identifiable personal data. In order for a voice to be considered as identifiable, it must be registered in combination with other background information, in such a way that people can be recognized.

Show results

Notify project

Do I have to notify my project? (/personvernombud/en/notify/index.html)

Notification Form (/personvernombud/en/notify/meldeskjema link)

Notifying changes (/personvernombud/en/notify/notifying changes.html)

Get help notifying your project

Processing the notification (/personvernombud/en/help/index.html)

Frequently asked questions (/personvernombud/en/help/faq.html)

Vocabulary (/personvernombud/en/help/vocabulary.html)

Research topics (/personvernombud/en/help/research topics/)

Research methods (/personvernombud/en/help/research methods/)

Information and consent (/personvernombud/en/help/information consent/)

Other approvals (/personvernombud/en/help/other approvals/)

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Result of Notification Test: Not Subject to Notification

You have indicated that neither directly or indirectly identifiable personal data will be registered in the project.

If no personal data is to be registered, the project will not be subject to notification, and you will not have to submit a notification form.

Please note that this is a guidance based on information that you have given in the notification test and not a formal confirmation.

For your information: In order for a project not to be subject to notification, we presuppose that all information processed using electronic equipment in the project remains anonymous.

Anonymous information is defined as information that cannot identify individuals in the data set in any of the following ways:

- directly, through uniquely identifiable characteristic (such as name, social security number, email address, etc.)
- indirectly, through a combination of background variables (such as residence/institution, gender, age, etc.)
- through a list of names referring to an encryption formula or code, or
- through recognizable faces on photographs or video recordings.

Furthermore, we presuppose that names/consent forms are not linked to sensitive personal data.

Kind regards, NSD Data Protection Appendix B

Data Management and Analysis Code

Data are publicly available and retrievable at ThisWebpage or indicate why they are

not accessible. Short Sketch of concrete parts of the data you used if not clear from method

section or for instance when pre/postprocessing applies and has been done by someone else

(StatisticsNorway or company or ...).

R syntax for all data management steps and analyses related to this master thesis can

be found at the following web page

GITHUB or OSF of fergood platforms with free storage for this purpose.

Do provide a quick overview of how you structured everything on those pages with

pointers on what is what and can be found where. Keep it concise but clear. The following

parts can be found:

• Data management: DATA.R

• Descriptives: DESC.R

• Analyses for RQ1: RQ1.R

11

Appendix C

Supplemental material

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