

Appendix C

Declaration of AI aids and tools

Have any AI-based aids or tools been used in the creation of this report?

No	Yes
☐	☒

If yes: please specify the aid/tool and area of use below.

Text



Spell checking. Are parts of the text checked by: Grammarly, Ginger, Grammarbot, LanguageTool, ProWritingAid, Sapling, Trink AI or similar tools?

Text-generation. Are parts of the text generated by: ChatGPT, GrammarlyGO, Copy.AI, WordAI, WriteSonic, Jasper, Simplified, Rytr or similar tools?

Writing assistance. Are one or more of the report's ideas or approach suggested by: ChatGPT, Google Bard, Bing Chat, YouChat or similar tools?

If no, sign document. If yes, use of text aids/tools apply to this report – please specify usage here:

During the writing of this work, the author used AI integrated as part of Overleaf (Overleaf.com) in order to improve language and readability. The author takes full responsibility for the contents of this thesis.

Codes and algorithms



Programming assistance. Are parts of the codes/algorithms that i) appear directly in the report or ii) have been used to produce results such as figures, tables or numerical values generated by: GitHub Copilot, CodeGPT, Google Codey/Studio Bot, Replit Ghostwriter, Amazon CodeWhisperer, GPTEngineer, ChatGPT, Google Bard or other tools?

If yes, use of programming assistance aids/tools apply to this report – please specify usage here:

ChatGPT has been used to debug self-written Python code.

Images and figures



Image generation. Are one or more of the report's images/figures generated by: Midjourney, Jasper, WriteSonic, Stability AI, DALL-E or similar tools?

If yes, use of image generator aids/tools apply to this report – please specify usage here:

Other AI aids or tools. Have you used other types of AI aids or tools in the creation of this report?

If yes, please specify usage here:



I am familiar with NTNU's regulations on artificial intelligence. I declare that any use of AI aids or tools are explicitly stated i) directly in the report or ii) in this declaration form.

Håkon Ulvik/05.06.2026/Trondheim

Signature/Date/Place