

Assessment Area	0	1	2	3	4	5
<p>1. Objective and question setting of the thesis</p> <ul style="list-style-type: none"> Justifying the thesis topic and its significance; Showing insight in the selection and definition of the topic; Defining a clear research question and objective, research problem or theme; Considering research ethics 	The objective and the research setting do not reach the level of grade 1.	The topic of the thesis and its objectives are stated, and the text of the thesis contains some justification or motivation.	The topic belongs to a relevant area of modern mathematics or statistics. The thesis shows effort put into outlining and delimiting the research area, setting the objectives, and explaining the significance of the topic.	The topic belongs to an advanced area in modern mathematics or statistics. The topic and objectives are well delimited and motivated.	The topic is challenging and well outlined with a focus on the essential.	The topic is related to current or potential research, or the topic is particularly challenging.
<p>2. Scientific framework of the thesis and use of sources</p> <ul style="list-style-type: none"> Being familiar with relevant research and literature; Defining a research perspective and concepts relevant to the problem discussed; Using a wide range of source literature; Using source criticism and original scientific sources; Analytically examining perspectives presented in the source literature and creating syntheses 	The scientific framework and use of sources do not reach the level of grade 1.	The work shows familiarity with some aspects of the topic. The work contains citations for most of the results and methods used.	The thesis shows some familiarity with the background literature on the topic of research and its context. The thesis contains adequate citations for the results and methods.	The work shows the writer is familiar with the research topic through background literature. The topic is carefully analyzed.	The writer shows a good command of the topic and uses comprehensive source material of good quality.	There is an excellent in-depth command of the topic area, based on high-end scientific source material. The discussion shows excellent understanding.

<p>3. Data and research method</p> <ul style="list-style-type: none"> • Selecting an appropriate method to address the research question; • Describing the method comprehensively (strategy, information retrieval and analysis); • Ensuring that the material is sufficient and applicable for the research question and analysis method; • Describing the material; • Using the method critically and in an evaluative way; • Considering research ethics 	<p>The data and research methods do not reach the level of grade 1.</p>	<p>The writer has mainly used sound research methods and data. The clarity and rigor of proofs and arguments are mostly acceptable.</p>	<p>The writer has mainly used good research methods and data somewhat suitable for the problem. The clarity and rigor of proofs and arguments are acceptable.</p>	<p>The research methods and data are suitable for the problem, and their choice is well argued. The analyses are mainly justified. Proofs and arguments are rigorous and mostly well explained.</p>	<p>The use of research methods and data is good, well-argued, and clearly based on scientific method literature or scientific tradition. Proofs and arguments are rigorous, well explained, and easy to follow.</p>	<p>The work is excellent when it comes to research methods and data selection. The methods have been analyzed in depth. Proofs and arguments are rigorous, well explained, and easy to follow. The level of detail is well adapted to the topic.</p>
<p>4. Presentation of the results of the thesis</p> <ul style="list-style-type: none"> • Addressing the research question in the results; • Reporting the results or main findings clearly and logically; • Illustrating the relationship between the images, diagrams and tables and the text; • Utility, usability, and/or applicability of results; • Depth of theory or reporting of data-based or calculative results 	<p>The presentation of the results does not reach the level of grade 1.</p>	<p>The work contains statements and some explanations of its results.</p>	<p>The work shows that the writer has some concept of reporting findings. Pictures, figures, or tables are used in some cases if their use facilitates the presentation.</p>	<p>The findings are mainly reported in a clear and logical way. The use of pictures, tables, and drawings is mostly good. The results answer the research questions and are feasible.</p>	<p>The findings are reported in a clear and logical way. The use of pictures, tables, and drawings supports the analysis of results. The work ponders how generalizable the findings are.</p>	<p>The reporting of findings and use of pictures, tables, and drawings is well considered and apt. The thesis is a good source for future studies or research.</p>

<p>5. Reflection and conclusions</p> <ul style="list-style-type: none"> • Specifying the relationship between the research results and previous research; • Presenting new research problems; • Considering opportunities for applications; • Assessing the reliability of the thesis according to the research approach; • Considering issues of research ethics; • Examining the research process and results critically and thoroughly; • Drawing thorough, reliable and insightful conclusions; • Basing the conclusions on the results 	<p>The reflection and conclusions do not reach the level of grade 1.</p>	<p>The writer made an attempt to reflect on the context and significance of the results.</p>	<p>The work shows the writer's own input, as well as some understanding of the context and significance of finding.</p>	<p>The writer's own input is evident in the conclusions and discussion of results, and the writer has a clear concept of the context and significance of findings.</p>	<p>The writer understands the most important topics and results and includes their own input.</p>	<p>The core matter is deeply internalized, and conclusions are clear. The discussion of findings may even show an aptitude for independent research. Discussion proves excellent understanding and knowledge of the entire topic.</p>
<p>6. Thesis as an academic text</p> <ul style="list-style-type: none"> • Using a clear structure appropriate for the research approach; • Mastering the craft of academic prose (varies according to the research approach); • Distinguishing between the author's own interpretations and the information presented in sources as well as incorporating these two elements clearly and seamlessly; • Using grammatically correct language; Documenting sources appropriately and consistently; • Writing a clear and accurate bibliography; Using an appropriate layout 	<p>The text does not reach the level of grade 1.</p>	<p>The text is readable, and the reader can mostly follow its logical structure. The author uses external references for the results and methods used.</p>	<p>The language is acceptable and mostly exact. The terms have been defined. The text is divided into parts, and its logical structure is mostly clear to the reader. The author uses internal and external references.</p>	<p>The language is good and exact. The terms have been defined. The disposition is clear and progresses well. The text is well polished. The author uses internal and external references whenever the corresponding result is invoked.</p>	<p>The text runs smoothly. The presentation is consistent in style. The external and internal references are precise and easy to follow. The whole text is logical and consistent.</p>	<p>The text is excellent. Language, disposition, structure, and the contents of the different parts follow good scientific practice. The organization of the text is justified and well explained, and the external and internal references are precise and easy to follow.</p>

7. Work during the thesis process <ul style="list-style-type: none"> • Being open-minded and independent; • Adopting methods and solving problems creatively; • Completing the thesis in the planned timetable 	The work does not reach the level of grade 1.	The writer stays in contact with the supervisor during the thesis process and updates them on the status.	The delays compared to the schedule are tolerable. The writer shows some ability to work on the thesis independently.	The writer matures into independent work during the thesis process. The work primarily follows the allocated timetable.	The writer quickly matures into independent work during the thesis process. The work typically follows the allocated timetable.	The work is very creative and independent. The work progresses at a good speed the whole time.
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