

Grading: Presentations

TU Dortmund University · Computational Statistics · Prof. Dr. Paul-Christian Bürkner

Category	Criteria	Weight
Content	<ul style="list-style-type: none">○ Relevant content is provided○ Focus on relevant aspects○ Content is well-explained○ Coherent citation on the slides	20%
Structure	<ul style="list-style-type: none">○ Overall structure of presentation○ Introduction includes motivation and integrates topic in the broader context○ Logical and coherent argumentation line / easy to follow○ Definition of key terminology○ Correct use of technical terms	20%
Presentation	<ul style="list-style-type: none">○ Slides support understanding○ Presenter refers to slides during the presentation○ Well-paced presentation / clear voice○ Within time limit	20%
Formulas & Code	<ul style="list-style-type: none">○ Formulas are explained, not only displayed○ Code examples are appropriate and support theoretical understanding○ Code is presented and explained (on slides or live coding)○ Code output (statistics, plots, tables, etc.) is explained and interpreted○ For case studies: enough background is provided in order to understand the follow-up examples (e.g., data set, experimental design, hypotheses)	15%
Context	<ul style="list-style-type: none">○ References to other fields○ Critical reflection, potential limitations○ Interpretation of results (plots, statistics, etc.) with elaboration○ Answering of questions from the audience with elaboration○ Prepared discussion with questions and appropriate moderation	15%
Form	<ul style="list-style-type: none">○ Figures, tables, graphs, etc. are appropriately formatted: caption, axis labels (if applicable), legend handles (if applicable)○ Slides have consistent style○ Pages are numbered○ Contact info is displayed on last slide	10%

Grading: Reports

TU Dortmund University · Computational Statistics · Prof. Dr. Paul-Christian Bürkner

Category	Criteria	Weight
Content	<ul style="list-style-type: none">- Relevant content is provided- Focus on relevant aspects- Content is coherent- Content is scientifically sound and technically correct	20%
Structure	<ul style="list-style-type: none">- Overall structure of the report - Introduction includes motivation and integrates topic in the broader context- Logical and coherent argumentation line / easy to follow- Definition of key terminology- Correct use of technical terms	20%
Calculations	<ul style="list-style-type: none">- Formulas are referred to, not only displayed- Code examples are appropriate and support theoretical understanding- For case studies: enough background is provided in order to understand the follow-up examples (e.g., data set, experimental design, hypotheses, etc.)	15%
Context	<ul style="list-style-type: none">- references to other fields- (independent) critical reflection, potential limitations- interpretation of results (plots, statistics, etc.) with elaboration	15%
Form	<ul style="list-style-type: none">- figures, tables, graphs, etc. are appropriately formatted: captions, axis labels (if applicable), legend handles (if applicable)- in-text citation is consistent- reference list is consistent	15%
Code (if applicable)	<ul style="list-style-type: none">- Code is submitted (.zip or hosted on GitHub)- Coding environment is reproducible (e.g., package list, conda or pip for Python, renv for R)- Code is reproducible- Code contains comments where necessary for understanding	15%