



**Organisational analytics (quantitative data analysis) (IBA-010)**  
(ORGANISATSIOONI ANALÜÜTIKA (KVANTITATIIVNE ANDMEANALÜÜS) )

**SUBJECT DESCRIPTION**

<b>Credits (ECTS)</b>	4.00 ECTS
<b>Assessment</b>	grading
<b>Aim of the subject and short description</b>	
Understanding the purpose and possibilities of quantitative data analysis. Proposing research questions and hypotheses, understanding the scales of data (nominal, ordinal, interval, and ratio scale) as well as descriptive and inferential statistics. Checking the assumptions of analyses and choosing between parametric and non-parametric analysis. Gaining the practical skills of quantitative data analysis using the Jamovi program to conduct correlations, regression analysis, independent samples T-tests and ANalysis Of VAriance (ANOVA). Reporting and discussing the results.	
<b>Learning outcomes:</b>	
Student: <ol style="list-style-type: none"><li>1. understands the purpose and possibilities of quantitative data analysis;</li><li>2. knows the different scales of data and understands how to use them;</li><li>3. knows how to choose an appropriate data analysis method, check the assumptions and choose either a parametric or a non-parametric analysis type;</li><li>4. knows how to check the data and conduct quantitative data analysis in the Jamovi program;</li><li>5. knows how to report the results of analyses and to interpret them.</li></ol>	

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