

Name of university, Name of faculty: Trnava University
Faculty of Philosophy and Arts

INFORMATION SHEET OF THE SUBJECT

Code: YPSm018	Name: Basics of multivariate analysis of psychological data				
Cover: Department of Psychology					
Type of educational activity: Seminar Scope of educational activity (in hours): Weekly: 2 For term of study: LS 60 Method of educational activity: Combined				Number of credits: 3	Recommended semester: ST
					Study grade:
Recommended semester	Study programme				
1.year ST	Psychology (YPSYCH-Mgr)				
2.year ST	Psychology (YPSYCH-Mgr)				
Underlie subjects:					
Conditions for passing the course: Method of evaluation: Completion by a continuing assessment Continuous evaluation: presence Final evaluation: written test Finished:					
Learning outcomes: The goal is to learn the advanced techniques of statistical analysis of psychological data. Learning outcomes: Student in relation to the subject Analysis of psychological data I. acquire advanced knowledge of statistical methods for the analysis of psychological data. Also learn the way of professional presentation of the methods of statistical analysis.					
Schedule of subject: ANCOVA, factorial ANOVA, mixed ANOVA, Cluster analysis, Factor analysis					
Recommended reading: HALAMA, P. – ŠPAJDEL, M. – ŽITNÝ, P. (2013). Štatistika pre psychológov s využitím softvéru SPSS - I. Deskriptívna štatistika. Trnava: Rapos. HENDL, J. (2004). Přehled statistických metod zpracování dat. Portál : Praha. FIELD, A. (viacero vydání). Discovering statistics using SPSS. Sage publication : New York.					
Language requirements: Slovak					
Notes:					
Course evaluation: Assessed students in total: 298					
A	B	C	D	E	FX
99%	0%	0%	0%	0%	1%
Lecturers: doc. Mgr. Michal Kohút, PhD., lecturer, examiner, instructor, seminary supervisor					
Date of last change: 01.09.2026					
Approved by: prof. Mgr. Peter Halama, PhD.					