

In the Name of God
Kharazmi University

Course: SPSS for applied linguistics, MA
Instructor: E. Babaii
Class Meetings: Wednesdays
Semester: Spring 1398/2019

The purpose of the course is to familiarize MA students with the ways to analyze quantitative research data with SPSS. Participants are expected to have a solid theoretical background in research methodology and it is hoped that this course will pave the way for their active involvement in research. To this end, the following topics will be covered:

Session 1: Introduction to the course

Sessions 2-3: Descriptive statistics and normality tests

Sessions 4-5: t-test: one-sample, matched and independent tests

Session 6: ANOVA models: one-way

Sessions 7-9: ANOVA models: factorial, repeated measures and multivariate

Session 10: Correlation (Pearson & Spearman)

Sessions 11-15: Chi-square and other non-parametric tests: Mann-Whitney, Wilcoxon, Kruskal-Wallis, Friedman, etc.

Session 16: Reliability estimates and agreement tests

Session 17: Final Examination

Grading

SPSS assignments	20%
Class participation	10%
Final examination	70%

Recommended materials

Brown, J. D. (1988). *Understanding research in second language learning: A teacher's guide to statistics and research design*. Cambridge: Cambridge University Press.

Howell, D. (1989). *Fundamental statistics for the behavioral sciences*. Boston: PWS-KENT Publishing Company.

Larson-Hall, J. (2010). *A Guide to doing statistics in second language research using SPSS*. London & New York: Routledge.

Pallant, J. (2002). *SPSS survival manual*. Sydney: Allen & Unwin.