The Levels of The Pre-Service and In-Service Teachers’ Knowledge About Dyscalculia and Efficacy on Inclusion Practices

Burcu Durmaz, Eskişehir Osmangazi University Educational Sciences Institution, drburcudurmaz@gmail.com

Prof. Dr. Macid A. Melekoğlu, Eskişehir Osmangazi School of Education, macidayhan@gmail.com

The aim of this research is to determine the levels of pre-service an in-service teachers who work in elementary schools education and teachers about integration practices efficacy and knowledge about dyscalculia. Descriptive survey, one of the quantitative research methods, was used in the study. The participants of the study were determined by using convenient sampling. The participants of the research are a total of 200 classroom teachers and middle school mathematics teachers working in elementary education institutions in the city center of Antalya. The data collection tools of the research are the "Questionnaire on Teachers' Knowledge of Dyscalculia" developed by Sousa, Dias, and Cadime (2017) and the "Teacher Efficacy Scale in Integration Practices" developed by Sharma, Loreman, and Forlin (2012). In the analysis of the data obtained from the research, percentage, frequency analysis and t test were used. Since the data analysis process of the research is still ongoing, the research findings and results will be included in the presentation.

*Keywords:* dyscalculia, integration, teacher education