



## A META ANALYSIS: THE PROBLEM SOLVING SKILLS OF NURSING AND OTHER BACHELOR STUDENTS

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### Abstract

This study aims to conduct a comparative analysis on the problem solving skills of nursing students and students from several other departments. The study was designed as a meta analysis. Studies on problem solving skills were accessed through databases such as Turkish Medical Index, Google Academic, YOK (The Council of Higher Education) Dissertation Database, Pubmed, EBSCO Host and Web of Science. The keywords for the review were determined as "problem solving", "student nurse", "nursing", "student", "university" and "Turkey" in both Turkish and English. As a result, it was noted that 31 studies complied with the inclusion criteria. The studies were analyzed with CMA. The study sample included 3019 nursing students and 4754 students from other departments, 7773 students in total. The studies were tested for heterogeneity and it was found that all were heterogenous studies. In accordance with the random model, the mean scores were found to be 92,02 (95%CL 88,47-95,57) for nursing students and 93,54 (95%CL [88,87-98,21]) for other students. The variance between departments wasn't found to be statistically significant ( $Q_b=0,257$ ,  $p>0,05$ ). The study results suggested that problem solving skills of university students in Turkey, regardless of their departments, was found similar.

**Keywords:** Problem Solving, Nursing, University, Student, Meta Analysis, Education, Turkey.