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# Scale of University Students' Self-Perception of Research Skills Development

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## Abstract

The development of university research skills is often assessed by professors following the completion of a research methods course. This evaluation typically relies on subjective judgments to ascertain the actual skills and competencies students demonstrate, often through the use of evaluation rubrics or checklists. However, there is limited research on students' perceptions of their own performance, competence, and the methodologies employed by their teachers. The primary objective of this quantitative study was to identify key indicators related to university research courses in order to design a scale based on students' experiences in this field. Data were collected through a self-perception survey and analyzed using Jamovi software. The results revealed that students generally feel confident in their research abilities. Additionally, significant positive correlations were found between students' research skills and the pedagogical approaches adopted by professors. These findings suggest that universities should focus on refining teaching methodologies and providing ample opportunities for practical research experiences to foster the development of research competencies.

**Keywords:** University Students, Research Skills, Research Competencies, Research Professors' Teaching Methods