Identifying the main dimensions, components, and indicators of research quality and science production in the branches of Kurdistan Azad University and Kermanshah

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Abstract

The aim of the present study is to identify the dimensions, components and main indicators of research quality and science production in the branches of Kurdistan and Kermanshah Azad University. Method: The research method is applied in terms of purpose and quantitative and qualitative (mixed) in terms of data collection. The statistical population of the study included all faculty members, researchers and research managers of the Islamic Azad University of Kermanshah and Kurdistan Branch in the academic year 2019, with a reported number of 298 people. Referring to the Morgan table, 222 samples were selected from the statistical population using simple random sampling method and a researcher-made questionnaire on a ten-point Likert scale was used to collect data. The validity of the questionnaire was estimated through face and content validity and its reliability was estimated by piloting the questionnaire in a sample of 15 people through Cronbach's alpha of 0.878. SPSS statistical software was used to analyze the obtained data. To assess the suitability of the proposed model, a second questionnaire was designed and distributed among 30 experts. The t-test confirmed the suitability of the model at a confidence level of 0.95. Findings: The results of the study indicate that based on the opinion of experts and the review of theoretical foundations and research background, the final model was designed in five dimensions: culture, human resources, facilities and financial resources, management and structure, and education. Conclusion: It can be said that the dimensions and indicators identified in this study are in line with the quality of research and science, and planners should benefit from it in designing their model

Keywords: Production of science, research, indicators, quality

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