

Multi-Criteria Decision-Making Methods in the Health Sector Literature Review

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ARTICLE INFO	ABSTRACT
<p>Article Type: Traditional Review</p> <p>Keywords: Multi-Criteria Decision-Making Methods, Selection Methods, Classification Methods, Ranking Methods, Health Sector.</p> <p>Corresponding Author(s) ¹ İbrahim Doğan ² Büşra Gül ³ Ferit Sevim</p> <p>Adress: ¹ Hitit University, Department of Health Management ² Eskişehir Osmangazi University, Department of Health Management ³ Karadeniz Technical University, Department of Health Management</p> <p>E-mail: ¹ doganibrahim@ hitit.edu.tr ² busra.gul@ogu. edu.tr ³ feritsevim@ktu. edu.tr</p>	<p><i>In the field of healthcare, the inclination towards decision-making processes, both at the individual and organizational levels, has gained increased importance due to the growing uncertainties. Particularly in the healthcare sector, where decisions made by decision-makers can have highly sensitive consequences and where research efforts are paramount, the use of multi-criteria decision-making methods has become significantly relevant. From the perspective of evidence-based approaches, these methods have become pivotal in today's context. In this context, in line with the information obtained from the literature using the traditional compilation method, frequently used in the field of health; Promethee, Electre I-III, UTA, AHP, FlowSort, Electre-Tri, Utadis and AHPSort methods are discussed. Within this scope, the methods frequently utilized in healthcare, based on information extracted from the literature using a traditional review methodology, are discussed. The findings indicate that multi-criteria decision-making methods are generally categorized into selection, classification, and ranking, with their primary focus being to provide decision support systems for decision-makers. Healthcare managers should not overlook the fact that multi-criteria decision-making methods serve as valuable tools in their decision-making processes. When employed in decision-making, these methods can contribute significantly to the attainment of rational decisions by systematically, analytically, and objectively considering complex and diverse factors in the decision-making process.</i></p>