

DIMENSIONAL MEASUREMENT ACCURACY TO HEALTH, QUALITY OF LIFE AND HEALTH RELATED QUALITY OF LIFE

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DOI: 10.5937/BatutPHCO24100S

Background: Health is only one dimension of quality of life, and quality of life is more than health status, clinical symptoms, or functional ability, however it might be challenging to distinguish between health-related quality of life (HRQoL) and both health and quality of life (QoL).

Methods and Objectives: This study aims to identify dimensional measurement accuracy to health, quality of life and health related quality of life, and the focus of studies related to these terms.

The PubMed database was searched for studies related to the terms 'dimensional measurement accuracy', 'health', 'quality of life', and 'quality of life related to health' without time limit.

Results: A total of 14 results were found from the search: 4 results in relation to 'health', 5 results in relation to 'quality of life', 5 results in relation to 'health related quality of life'.

Among the 4 studies found in relation to health and dimensions of health, 2 of them had the objective of highlighting the importance of physical activity (respectively 6-minute walking and cardiorespiratory fitness) while one of them had the objective to compare weight estimation methods in an inner-city pediatric population with high obesity rates, while another study emphasizes the role of spatial contiguity and interfeature distances in the composite face illusion.

While the 5 studies related to quality of life and health related quality of life turned out to be the same studies. 3 of the studies are related to the development and validation of an instrument (PROM) with respectively objectives, one study aimed to evaluate the diagnostic accuracy of various symptoms and domains in differentiating patients with fibromyalgia from healthy controls, and the other study aims to assess psychological personal factors in individuals with spinal cord injury using Rasch analysis.

Conclusions: The accuracy and precision of the dimensional measurement is essential for the validity and reliability of the studies.

Keywords: health, health related quality of life (HRQOL), quality of life (QOL)