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Process of Validation of the Instrument of Marital Satisfaction and Marital Adjustment in Colombian Population

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Purpose: The present study sought to establish the psychometric properties of an instrument that measures satisfaction and marital adjustment elaborated by Locke and Wallace in the United States (1959). It is necessary to validate this instrument in the Spanish language and in the Colombian context. This instrument is considered the gold standard of the measurement of marital relations, it has previous validation results in other contexts such as Cross (1981), Joan (2017) and Yi-Han (2019).

Methods: Psychometric study for the validation of the instrument of satisfaction and marital adjustment has 15 items: the first 9 are Likert type scale, the next 6 are multiple choice. The results of the instrument range from a score of 2 to 158. It is considered a score from 100 to 158 high, from 85 to 99 moderate and from 2 to 84 low.

The translation process was initially developed with two official translators and a professional with English language proficiency related to mental health research, to arrive at a final version of the instrument. The final version in Spanish was reviewed by a philologist in Spanish to ensure the correct use of the language. In the facial validation 16 people participated, who evaluated the criteria of clarity, precision, and understanding, the Kappa de Fleiss statistic was applied; In the validation of content, 5 judges participated, who evaluated the criteria: essential, useful and necessary in each of the items and applied the modified content validity index of Lawshe (IVC).

Results: In facial validity, a consensus of the evaluated criteria was obtained, evidenced by a Fleiss kappa of 0.82 for the scale in total. In content validity, I report an IVC of 0.94 for the instrument, a value that indicates the importance of each of the items in the measurement of the concept.

Conclusions: Validation process of the instrument of satisfaction and marital adjustment reported high agreement values, which support the content and facial validity, allowing to consider the use of this instrument in research related to the couple's relationship

Title:

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Keywords:

Husband- wife communication, Marital relationship and validity

References:

1. Locke, H. J., & Wallace, K. M. (1959). Short marital adjustment and prediction tests: Their reliability and validity. *Marriage and Family Living*, 21, 251–255.

2. García, Felipe. E., Fuentes Zarate., Ruth, & Sánchez Sánchez, Alfredo. (2016). Amor, satisfacción en la pareja y resolución de conflictos en adultos jóvenes. *Ajayu Órgano de Difusión Científica del Departamento de Psicología UCBSP*, 14(2), 284-302. Recuperado en: http://www.scielo.org.bo/scielo.php?script=sci_arttext&pid=S2077-21612016000200004&lng=es&tlng=es.
3. Jiang, Y., Terhorst, L., Donovan H.S., Weimer, J.M., Choi, C.W., Schulz, R., Given, B., Sherwood, P.R. (2013). Locke-Wallace Short Marital-Adjustment Test: Psychometric Evaluation in Caregivers for Persons with Primary Malignant Brain Tumor. *J Nurs Meas*. 21(3),502–515. Recuperado en: <https://www.ncbi.nlm.nih.gov/pubmed/24620520>
4. Monin J. K., Levy, B. R., Kane, H.S., (2017). To Love is to Suffer: Older Adults' Daily Emotional Contagion to Perceived Spousal Suffering, *The Journals of Gerontology: Series B*, 72 (3), 383–387. Recuperado en: <https://doi.org/10.1093/geronb/gbv070>
5. Yi-Han Chen, Jian-Pei Huang, Heng-Kien Au, Yi-Hua Chen. (2019) High risk of depression, anxiety, and poor quality of life among experienced fathers, but not mothers: A prospective longitudinal study. *Journal of Affective Disorders*. 242(1), 39-37
6. Burns, W., Péloquin, K., Sultan, S., Moghrabi, A., Marcoux, S., Krajcinovic, M., ... Robaey, P. (2016). A 2-year dyadic longitudinal study of mothers' and fathers' marital adjustment when caring for a child with cancer. *Psycho-Oncology*, 26(10), 1660–1666. doi:10.1002/pon.4189

Abstract Summary:

This is a Psychometric study for the validation of the instrument of satisfaction and marital adjustment, in Colombia South America. This research Tool is one of the most useful in the area of marital relationships.

Content Outline:

Introduction: The instrument developed by Locke and Wallace requires to be translated and validated in the Colombian context.

Body: The instrument of satisfaction and the marital adjustment elaborated by Locke and Wallace has demonstrated psychometric qualities that merit its translation into Spanish

The process of facial validation is possible insofar as there is agreement among the observers in three aspects clarity, precision, and understanding.

The content validation process can be done using the modified Lawshe content index.

Conclusion: The instrument reported appropriate values in the indices measured for the two criteria of facial validity and content

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