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| **Psychometric properties of the of the “Sense of Coherence Scale” – SoC – in Colombian adults** |
| **Background/Objectives**The aim of this research was to investigated and to analyze the psychometric properties of the Antonovsky Sense of Coherence Scale, in Colombian adults. This was done in order to understand if this scale is valid to measure this psychological construct in the Colombian context, considering its sociocultural characteristics.**Methods**To reach this research object, every specific psychometric procedure was done. First, it was made a double translation of this dimension form the original questionnaire from german to Spanish and back from Spanish to German, in order to make the semantic concordance analysis. Also, it was done the validation of content by using the strategic of the evaluation from expert judges. The scale was applied to a sample composed by 6331 adult workers of companies form the health sector. For the analysis of the psychometric properties there were made different types of analysis that includes: The internal consistency estimation by using the measure of the Cronbach alpha index and McDonald’s Omega Coefficient. The construct validity by using the contrast group strategy. And finally the criterion validity strategy through the correlation analysis with other scales – instruments, that measures similar variables, like “The Readjustment Scale” of Holmes and Rahe, The Maslasch Burnout inventory, and The Ryff Psychological Well-being Scale.**Results**The internal consistency analysis showed that each of the 9 items of the questionnaire are oriented to measure the construct. All of them should be include in order to measure the sense of coherence. For the analysis of the construct validity, the results showed that it does exist, because there was found a differential function for the scores of the sense of coherence, that discriminated between participants with high and low levels of depersonalization, also, related to the scores of high and low levels of the psychological well-being, specifically for the dimension of the “Personal fulfillment”.**Discussion**All of these differences were significant at the 95% statistical confidence. Finally, the analysis results demonstrated that the items of the dimension of “comprehensibility” have an adequate criterion validity, with strong and significant correlations with the other scales.**Keywords****Well-being, Sense of coherence, Psychometric, Organizations** |