



7th INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

Academic

“CLEANER PRODUCTION FOR ACHIEVING SUSTAINABLE DEVELOPMENT GOALS”

The Use of PLS-SEM in Sustainability-Related Research

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Abstract

PLS-SEM is a method for statistical treatment of data that requires relatively small samples to generate satisfactory results. In addition, the model estimations provided by this technique are very robust. In this context, the present research aims to review the literature regarding the articles published by the Journal of Cleaner Production that use this technique to analyze their results. Forty-five items were found. Of these articles, forty fit the requirements stipulated for this research. In view of the results obtained, it is possible to verify that developing countries present research with this technique. In addition, the number of publications using PLS-SEM has been increasing over the years. It is concluded that this is a promising technique, which has gained more adherence in recent years and is used with reasonable frequency in research focusing on sustainability.

Keywords: Structural Equation Modeling; PLS-SEM; Literature review.
