

Digitalized Management Accounting Systems for Data Driven Decision Making Quality and Shareholder Value Creation: A Systematic Literature Review

Gunawansa, H. A. L. C.¹

This paper systematically investigates the body of literature on Digitalized Management Accounting Systems for data driven decision making quality and shareholder value creation. It provides a quantitative and qualitative overview of the existing literature to identify interrelationships between typologies, literature gaps and to identify emerging trends and areas for future research. This study used PRISMA 2020 statement in systematically analyzing the existing literature. By doing so, based on Boolean search of keywords in five databases namely: Scopus, EBSCO host, JSTOR, Taylor & Francis Online and Emerald were conducted. Further, literature search done using Google Scholar search engine. Data on the publications, journals, authors and citations were collected, double-checked and examined by applying bibliometric measures. Further qualitative typological and thematic analysis was conducted. Descriptive analysis identified that there is an emerging trend in research papers for the combined topic concerned. There is diversity in publications by country, by author and by journals indicating complexity and wide acceptance. Digitalized MAS and Data Driven Decision making contexts were most researched using qualitative methods. While quantitative methods were most used in Shareholder value creation context, indicating gap in qualitative studies for Shareholder Value Creation. Analysis of two co-occurrence per keyword networks and thematic analysis identified interlinks between Digitalized MAS for Data Driven Decision Making and Shareholder Value creation. The keywords “Digitalized management Accounting Systems” with Boolean operator AND “Shareholder Value creation” did not find direct results. This can be identified as the first attempt to combine the Digitalized MAS for Data Driven Decision making with Shareholder Value creation. There are literature written independently on each aspect, however studies combining all three aspects were absent in the literature.

Keywords: *Digitalized management accounting systems, Data driven decisions, Decision quality, Shareholder value*

¹ Faculty of Graduate Studies, University of Kelaniya, Sri Lanka [cgunaw.dba0014@kln.ac.lk]