What Determines Information Systems Project Performance? A Narrative Review and Meta-Analysis

Abstract:

This study employs both a narrative review and a meta-analysis to review the determinants of information systems (IS) project performance. As a result of the narrative review, we present a framework of 22 conceptually distinct determinants of IS project performance classified into six categories. Using meta-analytic techniques, we quantitatively aggregate the empirical findings within this framework. The results show that the determinants trust, coordination, and knowledge integration have the strongest effect on IS project performance. In contrast, the determinants project size, IS team size, and technological uncertainty have the weakest effect on IS project performance. This review consolidates the understanding of IS project performance and provides avenues for further research.

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