

**DECISION SCIENCES INSTITUTE**

Complementarity of IT-enabled inter-organizational processes in U.S. hospitals

**ABSTRACT**

This research empirically investigates the complementary effect of IT-enabled inter-organizational processes on hospital performance. Given the fact that a hospital facilitates the execution of purchasing and claims processes via the use of different Electronic Data Interchange (EDI) messages, we examine how two different inter-organizational information exchanges jointly impact hospital performance by using longitudinal data and discuss the implications of the results.

KEYWORDS: EDI messages, Data Analytics, Complementarity, U.S. hospitals

