Value, Success, & Performance Measurements Minitrack Introduction

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The Value, Success, & Performance Measurements minitrack is among the longest continuously operating minitracks in the KIES research track. Papers explore research into strategies, methodologies, and stories that relate to measuring this success. In addition, this minitrack explores the bodies of performance measurements that define the current state of research in measuring knowledge system, KM, organizational memory, and organizational learning success. Another purpose of this minitrack is to present research on how to value knowledge-based initiatives.

One paper was accepted for the VSPM mini-track this year. According to Wang et al in their manuscript entitled “Knowledge Combination Analysis Reveals That Artificial Intelligence Research Is More Like "Normal Science" Than "Revolutionary Science", AI research is intrinsically innovative and serves as a source of innovation for research and development in a variety of domains. There is an assumption that AI can be considered "revolutionary science" rather than "normal science." Using a dataset of nearly 300,000 AI publications, this paper examines the co-citation dynamics of AI research and investigates its trajectory from the perspective of knowledge creation as a combinatorial process. They found that while the number of AI publications grew significantly, they largely follows a normal science trajectory characterized by incremental and cumulative advancements. AI research that combines existing knowledge in highly conventional ways is a substantial driving force in AI and has the highest scientific impact. Radically new ideas are relatively rare. By offering insights into the co-citation dynamics of AI research, this work contributes to understanding its evolution and guiding future research directions.

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