

Implementing Closeness Centrality Measurements on Workflow-Supported Enterprise Social Networks

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The purpose of this paper is to implement the theoretical closeness centrality measurement algorithm[1] that was proposed by the authors' research group in order to numerically analyze closeness centrality measures among workflow-performers on a workflow-supported social network model. We implement the essential part of the proposed algorithm[1], which is a closeness centrality analysis equation. Finally, we illustrate the implemented algorithm by showing its run-time screen-shots with an operational example.

Keyword—closeness centrality, organizational knowledge discovery, workflow model, workflow-supported enterprise social network



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