

Application of Fuzzy Clustering on Classification Agile Supply Chain Firms

Authors : Hamidreza Fallah Lajimi, Elham Karami, Alireza Arab, Fatemeh Alinasab

Abstract : Being responsive is an increasingly important skill for firms in today's global economy; thus firms must be agile. Naturally, it follows that an organization's agility depends on its supply chain being agile. However, achieving supply chain agility is a function of other abilities within the organization. This paper analyses results from a survey of 71 Iran manufacturing companies in order to identify some of the factors for agile organizations in managing their supply chains. Then we classification this company in four cluster with fuzzy c-mean technique and with Four validations functional determine automatically the optimal number of clusters.

Keywords : agile supply chain, clustering, fuzzy clustering, business engineering

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