

# Dependence Based Coalitions and Contract Net: A Comparative Analysis

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**Abstract.** Among several models of dynamic organizations, one can find *Contract Net* [13, 14, 4] and *Dependence Based Coalitions* [10–12] models. In this work, we present a comparative analysis of these models. More precisely, we compare the global communication flow of these two models, by changing some relevant parameters that have influence on the total number of exchanged messages. Our main goal is to be able to detect under which conditions one of the models is better than the other, concerning the global communication flow and the parameters values.

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