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Abstract:

In this document, we describe the software library implementation of the AMIDST modelling framework. We give a general overview of the developed core components consisting of the data structures and the database functionalities related to the AMIDST learning and inference algorithms. In addition, we present the HUGIN AMIDST API ensuring the interaction between the open source ADMIST toolbox and HUGIN software.

Keyword list: AMIDST modelling framework, software library, implementation, core components.