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Project no.: 619209

Project full title: Analysis of MassIve Data STreams

Project Acronym: AMIDST

Deliverable no.: D2.3

Title of the deliverable: A software library implementation of the modelling framework

Contractual Date of Delivery to the CEC:	31.03.2015
Actual Date of Delivery to the CEC:	31.03.2015
Organisation name of lead contractor for this deliverable:	AAU
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Participants(s):	P01, P02, P03, P04, P05, P06, P07
Work package contributing to the deliverable:	WP2
Nature:	R
Version:	1.0
Total number of pages:	22
Start date of project:	1st January 2014 Duration: 36 month

Project co-funded by the European Commission within the Seventh Framework Programme (2007-2013)		
Dissemination Level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

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.