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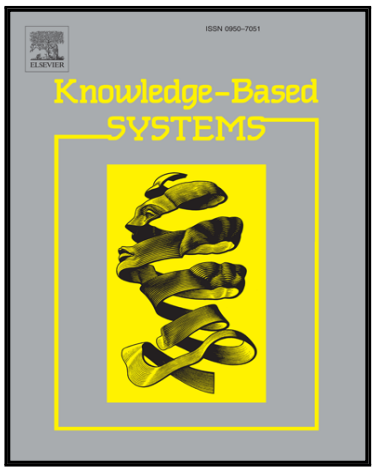

FROG: Inference from Knowledge Base for Missing Value Imputation

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PII: S0950-7051(18)30005-4
DOI: 10.1016/j.knosys.2018.01.005
Reference: KNOSYS 4178

To appear in: *Knowledge-Based Systems*

Received date: 1 March 2017
Revised date: 31 December 2017
Accepted date: 2 January 2018

Please cite this article as: Zhixin Qi, Hongzhi Wang, Jianzhong Li, Hong Gao, FROG: Inference from Knowledge Base for Missing Value Imputation, *Knowledge-Based Systems* (2018), doi: 10.1016/j.knosys.2018.01.005

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Highlights

- A data imputation framework suitable for values with complex semantics in various types is proposed.
- An index-based knowledge base intrieval is proposed which can speed up computation of the framework.
- An inference algorithm on knowledge base for missing value imputation is designed based on the framework.
- Extensive experiments are performed to show that the proposed methods are effective and efficient.

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