

Accepted Manuscript

Multidimensional Query Reformulation with Measure Decomposition

Claudia Diamantini, Domenico Potena, Emanuele Storti

PII: S0306-4379(17)30374-5
DOI: [10.1016/j.is.2018.05.002](https://doi.org/10.1016/j.is.2018.05.002)
Reference: IS 1308

To appear in: *Information Systems*

Received date: 13 June 2017
Revised date: 20 March 2018
Accepted date: 8 May 2018

Please cite this article as: Claudia Diamantini, Domenico Potena, Emanuele Storti, Multidimensional Query Reformulation with Measure Decomposition, *Information Systems* (2018), doi: [10.1016/j.is.2018.05.002](https://doi.org/10.1016/j.is.2018.05.002)



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- Approach to support performance comparisons in a federation of data marts
- Multidimensional queries over a global model integrating local sources
- An extension to the multidimensional model with mathematical formulas for indicators
- A query reformulation approach exploiting aggregation and indicator decomposition
- Computational analysis of the reformulation algorithm and proof of correctness

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6858575>

Download Persian Version:

<https://daneshyari.com/article/6858575>

[Daneshyari.com](https://daneshyari.com)