

Kok-Seng Wong, Myung Ho Kim, 2015. Towards a respondent-preferred k_i -anonymity model. *Frontiers of Information Technology & Electronic Engineering*, **16**(9):720-731. [doi:10.1631/FITEE.1400395]

Towards a respondent-preferred k_i -anonymity model

Key words: Anonymous data collection, Respondent-preferred privacy protection, k -anonymity

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Introduction

- In this paper, we introduced the concept of k_f -anonymity that allows respondents to choose their preferred anonymous protection level before submitting data to an agency.
- Our protocol ensures that the respondents achieve their preferred k_f -anonymity before the data is submitted, and that the usefulness of the collected data (i.e., the data utility) can be guaranteed.
- At the end of data collection, the data released for each respondent will achieve k_f -anonymity.

Workflow of the proposed solution

