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Collection of Benchmark Test Problems for Data Reconciliation and  
Gross Error Detection and Identification

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**Highlights**

- A collection of benchmark test problems for data reconciliation (DR) and gross error detection and identification (GEDI) are provided.
- A general overview of the challenges related to DR and GEDI are presented.
- A guideline for selection of DR and GEDI methods is presented.
- The results of selected problems are presented to illustrate challenging examples.
- All datasets and implementations are available at the Internet.
- The collection will help researchers to develop new DR and GEDI techniques.

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