

Missing Data Analysis

High-Dimensional Imputation

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The sources listed below represent an overview of the work on high-dimensional missing data imputation. This list is certainly not exhaustive—and may not be especially representative—but it should provide a good starting point for readers interested in learning about the current state-of-the-art in missing data imputation for high-dimensional problems.

Although most of these sources discuss/evaluate several different imputation methods, I have attempted to classify each paper by its primary focus.

Overviews/Comparisons

Single Imputation using Classification/Regression Trees

Single Imputation using K-Nearest Neighbors

Single Imputation using Artificial Neural Networks

Multiple Imputation