

Influence diagnostics for ordinary differential equations

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Abstract

The aim of this work is to develop influence diagnostics in the context of parameter estimation for ordinary differential equations considering the method of local influence proposed by Shi (1997). It is worth mentioning that the methodology will be applied to some real problems.

Reference

1. Shi, L. (1997). Local influence in principal components analysis. *Biometrika*, 84(1), 175-186.