0.1 Efficient Updating Theorem

? describes the basic theorem of efficient updating.

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$$m_i = \frac{1}{c_{ii}}$$

0.2 Zewotir Measures of Influence in LME Models

? describes a number of approaches to model diagnostics, investigating each of the following;

- Variance components

- Fixed effects parameters

- Prediction of the response variable and of random effects

- likelihood function