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How to fit the parameters: an interesting example.

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Summary: In this paper, we revisit how to fit the parameters by using a simple mathematical model coming from Biology. Although, the Metropolis-Hastings method is standard, we show another approach based on algebraic equations. To master multiple techniques is very good for undergraduates.

Classification: M65

Keywords: Escherichia coli; mathematical model; fitting of parameters; algebraic equation

<http://www.pphmj.com/abstract/9774.htm>