The University of Chicago
Department of Statistics

Master's Thesis Presentation

WEI YANG WANG
Department of Statistics
The University of Chicago

Two-Stage Gauss-Ewens Process and Simulation

THURSDAY, May 13, 2010, at 11:30 AM
110 Eckhart Hall, 5734 S. University Avenue

ABSTRACT

Gauss-Ewens Process is well described in previous works.. In this work, Gauss-Ewens model had been reviewed in detail, and extended to a more general Multi-dimensional Gauss-Ewens case. Under this condition, a similar result to the existing works had been derived, which is handy for conversion into programming language in computation. Further, a new model: two-stage Gauss-Ewens model, adjusted from the original one is introduced and described in detail. A method of result visualization is also introduced in the simulation part.

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