



Contribution ID: 20

Type: not specified

Model free data fitting

Friday 27 June 2014 17:00 (20 minutes)

A short description of how we try to circumvent the inherent problems of fitting data without a model, specifically using artificial neural networks is presented. Inspired by methods from PDF-estimation, I present a method for deriving honest error estimates from MC methods. Our motivation in the present study is from cosmology, mainly the Hubble diagram and acoustic oscillations.

Author: Mr NIELSEN, Jeppe Trøst (NBI / NBIA)

Presenter: Mr NIELSEN, Jeppe Trøst (NBI / NBIA)

Session Classification: Problems Class/Student Talks