

# SOME COMMENTS ON APPROXIMATE BAYESIAN COMPUTATION

S. Tavaré

*University of Southern California, Los Angeles, CA, USA*

<sup>†</sup> E-mail: [sitavare@usc.edu](mailto:sitavare@usc.edu)

Approximate Bayesian computation has proved to be a useful approach for a number of inference problems in population genetics and elsewhere. In this talk I will describe the basic idea via the rejection algorithm and MCMC and illustrate some new approaches, including projection pursuit, that have improved the performance of such algorithms.