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Bayesian analysis of the Trajectum framework

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We introduce the *Trajectum* framework, a new heavy ion code which incorporates many of the necessary components to perform a heavy ion collision simulation in one executable. We use *Trajectum* to study a generalization of the TRENTo initial conditions, namely varying the free streaming velocity v_{fs} . In addition, we show the results of a Bayesian analysis performed with this generalized model. This gives mild constraints on second order transport coefficients, and additionally gives a hint suggesting fast hydrodynamization.

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