

Responses to Referee Report

In this paper the authors have made a very interesting study of the relationship between network structure models and adapted DSGE models. They compare the population dynamics between Boltzmann-Gibbs model and network based ant models under DSGE framework. The paper is very clearly written and well-organized. The results are interesting and significant with proper illustrations and tables. The models have lots of parameters, but the authors have tried their best to make systematic studies with different sets of parameters. There are a few typographical errors, which the authors should correct. I find the conclusion of the paper could be improved and made sharper, but on the whole it is a nice paper. I find the contribution of the paper to be potentially significant and the analysis to be correct. I therefore recommend this paper to be accepted for publication with these minor revisions.

Done, the revised version is reviewed by a native professional editor.