

Review of: "Time evolution and convergence of simple migration models"

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This paper is interesting. The convergence of the gravity model is trivial, while it is not yet under serious consideration for the radiation model. A unlucky fact is that we cannot see the steady state of population distribution in the real world, as population in some areas is growing while population in some other areas is decaying. The reasons are complex, but at least two of them are ignored by both the gravity model and the radiation model. One is the births and deaths of people, the other is the external factors of migration flows. That is to say, the migration flow cannot be fully described in a closed way with only population information is relevant. In particular, economic and political factors play a critical role. The approximation by the radiation model (it assumes all information are included in the distribution of population itself) may be suitable for the transient state, but not the steady state. This is the shortage from the consider mechanism models themselves, but it also depresses the scientific value of the current work. By the way, this manuscript is not completed (for the part of citations [10]-[14]) and is not well prepared (e.g., the citation of figure 2 is indeed for figure 1).