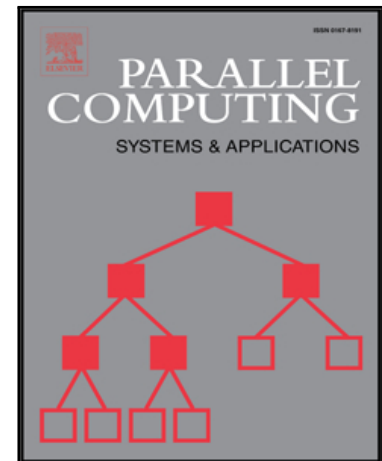


## Accepted Manuscript

Approaching parallel computing to simulating population dynamics in demography

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## Highlights

- We have developed a web-based parallel agent-based simulation tool for demography
- The tool has been designed for social scientists who have no programming experience
- The user interface uses commonly used modelling techniques in demography
- The tool can be accessed by public through web-based interface for wider user tests
- Experiments show the performance of the tool for large scale simulations is good

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