

Making full use of AI and simulation technologies across different fields for a human-centered society

Multiscale ABSS method for social policy making

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Summary :

The aim of this research project is to realize multiscale Agent-Based Social Simulation (ABSS) methodology which covers from micro individual behavior to macro economical activity for the evidence-based social policy makings. As the first step we focus on COVID-19 problem, and try to clarify the well-balanced social policy between infectious disease control measures and stimulative counterplan into the economy. Our research consists of mainly two items, 1) synthetic reconstruction method to generate attributes of population for real scale social simulation, 2) individual behavior modeling technology about multi stakeholders for multiscale agent simulation. We will extend our research target from COVID-19 to general comprehensive social problems, and try to clarify the effectiveness as social policy making methodology towards the realization of Society 5.0.

<https://sakamoto212.wixsite.com/abss> (in Japanese)

