Testing functional agent-based simulations

A functional approach

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ABSTRACT

TODO: select journals - ACM Transactions on Modeling and Computer Simulation (TOMACS): https://tomacs.acm.org/ - ?

main message: testing of functional abs is easier due to composability and controlled side effects. also property-based testing is much more expressive, allowing a specification based testing

KEYWORDS

Agent-Based Simulation, Functional Reactive Programming, Property-Based Testing, Haskell