Resource Summary Report

DE-Sim

RRID:SCR_018770
Type: Tool

Proper Citation

DE-Sim (RRID:SCR_018770)

Resource Information

URL: https://github.com/KarrLab/de_sim

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Description: Software object oriented discrete event simulation tool for complex, data driven modeling. Open source, Python based object oriented discrete event simulation tool that makes it easy to use large, heterogeneous datasets and high level data science tools such as NumPy, Scipy, pandas, and SQLAlchemy to build and simulate complex computational models.

Synonyms: Discrete Event Simulation, object oriented Discrete Event-Simulation tool

Resource Type: simulation software, software application, software resource

Keywords: Object oriented, discrete event simulation, data driven modeling, oriented discrete event simulation, computation model simulation

Funding: NSF 1649014;
NIGMS R35 GM119771;
Icahn Institute for Data Science and Genomic Technology

Availability: Free, Available for download, Freely available

Resource Name: DE-Sim

Resource ID: SCR_018770

License: MIT license

Record Creation Time: 20220129T080341+0000

Record Last Update: 20250412T060239+0000

Ratings and Alerts

No rating or validation information has been found for DE-Sim.

No alerts have been found for DE-Sim.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.