

Resource Summary Report

Generated by T1D on Aug 9, 2026

Minimum Information About a Simulation Experiment

RRID:SCR_003800

Type: Tool

Proper Citation

Minimum Information About a Simulation Experiment (RRID:SCR_003800)

Resource Information

URL: <http://co.mbine.org/standards/miase>

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Description: A set of guidelines (community effort) suitable for use with any structured format for simulation experiments to identify the Minimal Information About a Simulation Experiment necessary to enable the reproducible simulation experiments. The Guidelines list the information that a modeller needs to provide to enable the execution and reproduction of a numerical simulation experiment, derived from a given set of quantitative models. MIASE is designed to help modelers and software tools to exchange their simulation settings and to foster collaboration. In 2011, the MIASE guidelines were accepted by researchers from 19 different institutes.

Abbreviations: MIASE

Synonyms: MIASE Guidelines

Resource Type: data or information resource, narrative resource, standard specification

Defining Citation: [PMID:21552546](https://pubmed.ncbi.nlm.nih.gov/21552546/)

Keywords: simulation

Resource Name: Minimum Information About a Simulation Experiment

Resource ID: SCR_003800

Alternate IDs: nlx_158097

Record Creation Time: 20220129T080221+0000

Record Last Update: 20260808T185806+0000

Ratings and Alerts

No rating or validation information has been found for Minimum Information About a Simulation Experiment.

No alerts have been found for Minimum Information About a Simulation Experiment.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Niarakis A, et al. (2022) Addressing barriers in comprehensiveness, accessibility, reusability, interoperability and reproducibility of computational models in systems biology. Briefings in bioinformatics, 23(4).

Stanford NJ, et al. (2015) The evolution of standards and data management practices in systems biology. Molecular systems biology, 11(12), 851.