

# Resource Summary Report

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## ModelMaker

RRID:SCR\_009024

Type: Tool

### Proper Citation

ModelMaker (RRID:SCR\_009024)

### Resource Information

**URL:** <http://www.modelmakertools.com/modelmaker/index.html>

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**Description:** Multi-threaded, parallel and CUDA based application that provides an interface to the R statistical language, MATLAB, Accord and Aforge APIs, along with Neural Maestro to accomplish fMRI, EEG, speech signals, commodity price analysis, general machine learning, classification and time series analysis and forecasting. Because it unifies research development work in MATLAB, R and C++, it provides a mathematical canvas the permits researches to experiment with both pure and hybrid models that use the best of all software development languages.

**Abbreviations:** ModelMaker

**Synonyms:** Model Maker

**Resource Type:** software application, software resource

**Keywords:** fmri, eeg, speech signal, commodity price analysis, machine learning, classification, time series analysis, forecasting, time series, r, matlab

**Availability:** Request required

**Resource Name:** ModelMaker

**Resource ID:** SCR\_009024

**Alternate IDs:** nlx\_153828

**Old URLs:** <http://neuronalarchitects.com/model-maker.html>

**Record Creation Time:** 20220129T080250+0000

**Record Last Update:** 20260912T200238+0000

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## Ratings and Alerts

No rating or validation information has been found for ModelMaker.

No alerts have been found for ModelMaker.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Sass AC, et al. (2020) Immobilization of  $\beta$ -Galactosidase From *Aspergillus oryzae* on Electrospun Gelatin Nanofiber Mats for the Production of Galactooligosaccharides. *Applied biochemistry and biotechnology*, 191(3), 1155.

Agatz A, et al. (2020) A knowledge-based approach to designing control strategies for agricultural pests. *Agricultural systems*, 183, 102865.

Kirla KT, et al. (2018) Importance of Toxicokinetics to Assess the Utility of Zebrafish Larvae as Model for Psychoactive Drug Screening Using Meta-Chlorophenylpiperazine (mCPP) as Example. *Frontiers in pharmacology*, 9, 414.

Ranke J, et al. (2018) Comparison of software tools for kinetic evaluation of chemical degradation data. *Environmental sciences Europe*, 30(1), 17.

Nejati A, et al. (2016) A deformable template method for describing and averaging the anatomical variation of the human nasal cavity. *BMC medical imaging*, 16(1), 55.

Blagodatskaya ?, et al. (2016) Temperature sensitivity and enzymatic mechanisms of soil organic matter decomposition along an altitudinal gradient on Mount Kilimanjaro. *Scientific reports*, 6, 22240.

Razavi BS, et al. (2015) Nonlinear temperature sensitivity of enzyme kinetics explains canceling effect-a case study on loamy haplic Luvisol. *Frontiers in microbiology*, 6, 1126.

Stadnicka-Michalak J, et al. (2015) Toxicology across scales: Cell population growth in vitro predicts reduced fish growth. *Science advances*, 1(7), e1500302.

Navarro-Mtz AK, et al. (2014) Construction of a biodynamic model for Cry protein production studies. *AMB Express*, 4(1), 79.

Himmelstein MW, et al. (2012) 8:2 fluorotelomer alcohol: a one-day nose-only inhalation toxicokinetic study in the Sprague-Dawley rat with application to risk assessment. *Toxicology*, 291(1-3), 122.

Hakala-Yatkin M, et al. (2011) Inhibition of Photosystem II by the singlet oxygen sensor compounds TEMP and TEMPD. *Biochimica et biophysica acta*, 1807(3), 243.

Rodriguez N, et al. (2010) Phosphatidylinositol-4,5-bisphosphate (PIP(2)) stabilizes the open pore conformation of the Kv11.1 (hERG) channel. *Biophysical journal*, 99(4), 1110.

Choveau FS, et al. (2009) Transfer of rolf S3-S4 linker to HERG eliminates activation gating but spares inactivation. *Biophysical journal*, 97(5), 1323.

Mortensen M, et al. (2004) Activation of single heteromeric GABA(A) receptor ion channels by full and partial agonists. *The Journal of physiology*, 557(Pt 2), 389.

Mullins FM, et al. (2004) Functional interaction between extracellular sodium, potassium and inactivation gating in HERG channels. *The Journal of physiology*, 558(Pt 3), 729.

Proks P, et al. (2003) The ligand-sensitive gate of a potassium channel lies close to the selectivity filter. *EMBO reports*, 4(1), 70.

Amato A, et al. (1999) Modulation of neuronal and recombinant GABAA receptors by redox reagents. *The Journal of physiology*, 517 ( Pt 1)(Pt 1), 35.