

# Resource Summary Report

Generated by T1D on Aug 3, 2026

## Compartment Model Kinetic Analysis Tool

RRID:SCR\_007359

Type: Tool

### Proper Citation

Compartment Model Kinetic Analysis Tool (RRID:SCR\_007359)

### Resource Information

**URL:** <http://comkat.case.edu/index.php?title=Home>

**Proper Citation:** Compartment Model Kinetic Analysis Tool (RRID:SCR\_007359)

**Description:** COMKAT is a software package for compartmental modeling oriented for biomedical image quantification. Free for academic research use, COMKAT has various functions for modeling and imaging analysis in both command-line function and GUIs. COMKAT is MATLAB software for compartmental modeling oriented to nuclear medicine applications (PET & SPECT). It supports models of a wide range complexity including multiple injection, receptor model with saturation. It supports many image formats, including DICOM images. Using either the command line interface or GUI, models are easily specified, solved or used to fit experimental data. Sensitivity equations are supported. No mathematical derivations are required on the part of the user.

**Synonyms:** COMKAT: COmpartment Model Kinetic Analysis Tool, COMKAT

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

**Resource Name:** Compartment Model Kinetic Analysis Tool

**Resource ID:** SCR\_007359

**Alternate IDs:** nif-0000-00281

**Old URLs:** [http://comkat.case.edu/comkat/comkat\\_wiki/index.php?title=Home](http://comkat.case.edu/comkat/comkat_wiki/index.php?title=Home)

**Record Creation Time:** 20220129T080241+0000

**Record Last Update:** 20260803T040458+0000

### Ratings and Alerts

No rating or validation information has been found for Compartment Model Kinetic Analysis Tool.

No alerts have been found for Compartment Model Kinetic Analysis Tool.

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## Data and Source Information

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.