

Resource Summary Report

Generated by [RRID](#) on Aug 13, 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: data processing software, software resource, 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

Record Creation Time: 20220129T080241+0000

Record Last Update: 20260813T054936+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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.