PMOD Tool Configuration Guide

The PMOD software is a modular suite of tools, which interact to enable smooth and efficient data analysis workflows. It targets researchers in neurology, cardiology and oncology working with human or animal image data. As every researcher has unique data processing needs, the selection of the tools included into an individual PMOD license must ensure that all essential tasks can be accomplished.

The table below is intended to guide tool selection. It lists typical application domains together with the required tools, additionally indicating tools which could increase functionality and flexibility. If the functionality required spreads across multiple table rows, the corresponding tools should be added. Please ask for advice by contacting info@pmod.com in case you need further assistance with selection.

Note that the PMOD website features an online quoting facility which calculates the license cost of any tool configuration.

Data Processing Task	PBAS	PKIN	PXMOD	PCARD	PGEM	PFUS	P3D	PNEURO	PALZ	PSEG
Image reviewing and VOIs (PET, SPECT, MR, CT)	■	■	■	■	■	■	■	■	■	■
Multimodal images and oncology (PET, SPECT, MR, CT)	■	■	■	■	■	■	■	■	■	■
Advanced modeling and quantification (PET, SPECT, MR)	■	■	■	■	■	■	■	■	■	■
Regional quantification of brain data (MR, PET, SPECT, CT)	■	■	■	■	■	■	■	■	■	■
Quantification of heart images (PET, SPECT, MR, CT)	■	■	■	■	■	■	■	■	■	■
Biodistribution and dosimetry studies (PET, SPECT)	■	■	■	■	■	■	■	■	■	■
Diffusion mapping and tractography of DWI/DTI MR data	■	■	■	■	■	■	■	■	■	■
Streamline calculation from 4D flow MR data	■	■	■	■	■	■	■	■	■	■
Computational fluid dynamics (CFD) simulations	■	■	■	■	■	■	■	■	■	■
FDG PET images of patients with suspected AD	■	■	■	■	■	■	■	■	■	■

■ required ■ nice to have