https://github.com/stromanp/pantheon-fMRI

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# "Pantheon" is a python software repository for complete analysis of functional

# magnetic resonance imaging data at all level of the central nervous system,

# including the brain, brainstem, and spinal cord.

#

# The bulk of the methods in this package have been developed by P. W. Stroman,

# Queen's University at Kingston, Ontario, Canada.

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# Some of the methods have been adapted from other freely available packages

# as noted in the documentation.

#

# This software is for research purposes only, and no guarantees are given that it is

# free of bugs or errors.

#

# Use this software as needed, with the condition that you reference it in any

# published works or presentations, with the following citations:

#

# Proof-of-concept of a novel structural equation modelling approach for the analysis of

# functional MRI data applied to investigate individual differences in human pain

# responses

# P. W. Stroman, J. M. Powers, G. Ioachim

# Human Brain Mapping, 44:2523–2542 (2023). <https://doi.org/10.1002/hbm.26228>

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# Ten key insights into the use of spinal cord fMRI

# J. M Powers, G. Ioachim, P. W. Stroman

# Brain Sciences 8(9), (DOI: 10.3390/brainsci8090173 ) 2018.

#

# Validation of structural equation modeling (SEM) methods for functional MRI data acquired in the human brainstem and spinal cord

# P. W. Stroman

# Critical Reviews in Biomedical Engineering 44(4): 227-241 (2016).

#

# Assessment of data acquisition parameters, and analysis techniques for noise

# reduction in spinal cord fMRI data

# R.L. Bosma & P.W. Stroman

# Magnetic Resonance Imaging, 2014 (10.1016/j.mri.2014.01.007).

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# also see https://www.queensu.ca/academia/stromanlab/

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