

Resource Summary Report

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Program for optimal design of blocked fMRI experiments

RRID:SCR_009639

Type: Tool

Proper Citation

Program for optimal design of blocked fMRI experiments (RRID:SCR_009639)

Resource Information

URL: <http://www.nitrc.org/projects/pobe/>

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Description: Computer program that provides a graphical user interface for fMRI researchers to easily and efficiently design their blocked experiments. The computer program POBE calculates the optimal number of subjects and the optimal scanning time for user specified experimental factors and model parameters so that the statistical efficiency is maximised for a given study budget. POBE can also be used to determine the minimum budget for a given power. Furthermore, a maximin design can be determined as efficient design for a possible range of values for the unknown model parameters.

Abbreviations: POBE

Synonyms: Program for optimal design of blocked experiments

Resource Type: software resource

Keywords: magnetic resonance, fmri

Funding:

Availability: Free

Resource Name: Program for optimal design of blocked fMRI experiments

Resource ID: SCR_009639

Alternate IDs: nlx_155927

Record Creation Time: 20220129T080254+0000

Record Last Update: 20250410T065853+0000

Ratings and Alerts

No rating or validation information has been found for Program for optimal design of blocked fMRI experiments.

No alerts have been found for Program for optimal design of blocked fMRI experiments.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.