

Econometrics and Statistics

Part B: Statistics

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Special Issue on

NEUROIMAGING

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Statistics in neuroimaging is a challenging field due to many factors, including complex spatial and temporal patterns and correlations due to the complexity of the anatomy and function of the brain itself, as well as the many preprocessing steps that ultimately change the structure of the data. Over the past 20 years, statisticians and neuroimagers have been making strides into understanding and resolving these complexities. Yet, faster than problems are solved, new questions arise. In this special issue on *Neuroimaging* we focus on new and novel statistical theory, methods and applications that aim to resolve cutting-edge problems in Neuroimaging.

We welcome submissions that cover all aspects of statistical analysis of Neuroimaging data. These include, but are not limited to, the statistical analysis of structural and functional MRI (fMRI), PET, EEG, MEG, optical imaging methods, network analysis, and resting state fMRI. We are interested in theoretical developments, novel statistical methods and models, machine learning algorithms, big data methods, and applications of existing statistical methods to new problems.

Submissions will be refereed according to standard procedures for Econometrics and Statistics. Information about the journal can be found at <http://www.elsevier.com/locate/ecosta>.

The deadline for submissions is **15 July 2018**. However, papers can be submitted at any time and once they are received, they will enter the editorial system immediately. Papers for the special issue should be submitted using the Elsevier Electronic Submission tool EES: <http://ees.elsevier.com/ecosta>. In the EES, please choose the special issue on "NEUROIMAGING".

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