

Special Issue

Large Data Sets for Diagnosis and Treatment of Neurologic Disorders

Message from the Guest Editor

There have been many studies on the effects of a few factors on the risk of dementia. These studies are important, but studies using larger numbers of variables on larger populations can provide clearer insight into issues of causation. There are existing databases from many sources, including the government, for profit and non-profit organizations, that can be used to extract this information. However, the statistical and computational challenges associated with such studies are significant, especially the construction of multivariate models. In addition, problems associated with case definitions are also significant. This Special Issue aims to collect research on the problems and promise of these big data approaches to dementia. This may include new ideas on: how to optimally identify target populations from these databases, optimal statistical approaches, regulatory and privacy issues in data access, and clinical applications.

Guest Editor

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