Division of Biostatistics Seminar

An Evaluation of Some Novel Clinical Trial Designs for Alzheimer's Disease

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Friday, September 4, 2015, 12:30 – 1:30 pm
MSIBS classroom, 706 S. Euclid, 3rd Floor, Rm 3313 in Shriner's Building
Coffee and cookies will be provided

Abstract

The typical randomized clinical trials have failed to detect effective treatments for Alzheimer’s disease. In order to facilitate the detection of potential treatments, novel clinical trial designs such as the sample size re-estimation adaptive design and the randomized-start design have been recommended as alternatives. We aim to evaluate the applicability of these novel designs and to provide guidance for their implementation using simulation based on a meta-database.