



JOHNS HOPKINS
BLOOMBERG
SCHOOL of PUBLIC HEALTH

Department of Biostatistics

BIOSTATISTICS SEMINAR

A Post-Hoc Evaluation of a Sample Size Re-Estimation: The SPS3 Experience

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Abstract:

The use of adaptive designs has been increasing in randomized clinical trials. Sample size re-estimation is a type of adaptation in which nuisance parameters are estimated at an interim point in the trial and the sample size re-computed based on these estimates. However, post-hoc evaluations of adaptations, including sample size re-estimations, have not frequently been performed, leaving questions about the gains that come from utilizing these procedures in practice. In this talk, I describe the statistical impact of implementing a sample size re-estimation in the Secondary Prevention of Small Subcortical Strokes (SPS3) study and describe the effect of the adaptation on the practical aspects of the study.

Johns Hopkins Bloomberg School of Public Health, Department of Biostatistics
Monday, October 1, 2018, 12:15:1-15

Note: Taking photos during the seminar is prohibited

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