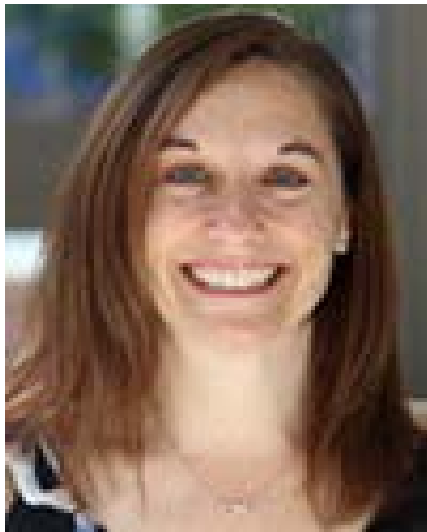


BIOSTATISTICS SEMINAR



Leslie McClure
PhD, MS, Professor
and Chair of
Epidemiology and
Biostatistics,
Dornsife SPH,
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A Post-Hoc Evaluation of a Sample Size Re-Estimation: The SPS3 Experience

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.

Thursday February 14, 2019

3:30 pm - 4:30 pm

Blue Cross and Blue Shield of North Carolina Foundation Auditorium



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