Statistical Prediction Models for Medical Decision Making

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ABSTRACT
The backbone of medical decision making is the prediction of outcomes in individual patients. Statistical prediction models represent an attractive approach towards personalizing medical decision making due to their improved accuracy over many different alternatives. Such alternatives include constructing risk groups, counting risk factors, and using clinical judgment. However, barriers to implementation of statistical prediction models include difficulty with implementation either as stand-alone software or electronic health record integration. Numerous examples of the improvement of statistical prediction models over alternatives, as well as innovative solutions of statistical prediction model integration, will be provided.

12:00 Noon, Tuesday, November 6, 2018
47 College Street, Room 106B
11:45 AM - Lunch served outside Room 106B

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