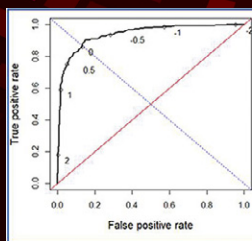


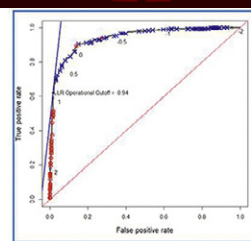
FORENSIC CHEMISTRY

Application of likelihood ratios and optimal decision thresholds in fire debris analysis based on a partial least squares discriminant analysis (PLSDA) model

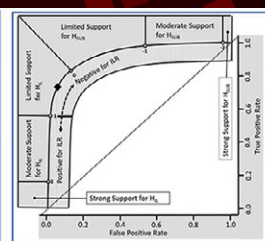
Alyssa Allen
Mary R. Williams
Michael E. Sigman



PLS-DA model development, cross validation, calibration and ROC Analysis;



testing and application to the analysis of casework-relevant data;



results interpretation and presentation in reports and testimony.

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