

# ROC METHODOLOGY: AN OVERVIEW OF THE LAST 50 YEARS

James A. Hanley<sup>†1</sup>

<sup>1</sup>*McGill University, Montreal, Canada*

<sup>†</sup> E-mail: *James.Hanley@McGill.CA*

This overview will revisit the origins of ROC analysis in psychophysics in the 1950s, describe some of the early applications in diagnostic medicine, and highlight the statistical developments over the last 50 years.