

BLENDING VOICES. STRENGTHENING LIVES.

2020 ATSA Conference | Wednesday October 21 | 9:00 AM – 1:15 PM

WED-AM-03 & WED-MID-03

Prediction Statistics for Sexual Recidivism Risk Assessment

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This workshop trains evaluators on the statistics used to evaluate and communicate the results of actuarial risk prediction tools. It is intended for individuals who use, or are considering using, actuarial risk assessment tools, such as Static-99R, VRS-SO, and Risk Matrix-2000. Participants will first learn the basic concepts, such as the distinction between diagnosis and prognosis, and between discrimination and calibration. Most of the workshop will then be hands-on exercises demonstrating specific statistics, such as percentile ranks, odds ratios, survival analysis, and logistic regression. Only basic knowledge of statistics is presumed (e.g., means, SD). Bring a calculator.

This seminar is rated: Adult & Youth | Advanced

Learning Goals:

- Upon completion of this educational activity, learners should be better able to understand the difference between statistics used to evaluate diagnoses and statistics used to evaluate prognosis.
- Upon completion of this educational activity, learners should be better able to identify the quantitative information provided by the actuarial risk tools commonly used to assess the recidivism risk of individuals with a history of sexual offending.
- Upon completion of this educational activity, learners should be better able to understand the two major indices for evaluating risk prediction tools (discrimination and calibration).
- Upon completion of this educational activity, learners should be better able to calculate and interpret a selection of discrimination statistics for risk prediction tools.
- Upon completion of this educational activity, learners should be better able to calculate and interpret a selection of calibration statistics for fixed follow-up studies.
- Upon completion of this educational activity, learners should be better able to interpret test score results using quantitative indicators of relative and absolute risk.

R. Karl Hanson, PhD, CPsych, is one of the leading researchers in the field of risk assessment and treatment for individuals with a history of sexual offending. Originally trained as a clinical psychologist, he has published more than 175 articles, including several highly influential reviews. He is lead author of the most widely used measures for assessing the risk and needs of individuals with a history of sexual offending (Static-99R; Static-2002R; STABLE-2007). He has received career contribution awards from the Association for the Treatment of Sexual Abusers, Public Safety Canada, the International Association for the Treatment of Sexual Offenders, and the Criminal Justice Section of the Canadian Psychological Association. Based in Ottawa, Canada, he worked for Public Safety Canada between 1991 and 2017, and is now adjunct faculty in the psychology departments of Carleton University (Ottawa) and Ryerson University (Toronto).