

## A Field Study on Static-99R Interrater Reliability by Canadian Police Personnel

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### Introduction





### **Interrater Reliability Statistics**



### **Interrater Reliability Statistics**



### **Risk Assessment in Policing**



### Static-99R

- File information
- No advanced degree
- Total score: -3 to 12, reflecting five nominal risk levels

| Total Score | Risk Level               |  |
|-------------|--------------------------|--|
| -3, -2      | I – Very low             |  |
| -1, 0       | II – Below average       |  |
| 1, 2, 3     | III – Average            |  |
| 4, 5        | IVa – Above average      |  |
| 6+          | IVb – Well above average |  |

### Static-99R Scoring

Index Clusters



### Static-99/99R Interrater Reliability Field Studies



#### **Research Objectives**



#### **Interrater reliability**



# Score discrepancies on risk categorization



**Training comparison** 



**Post-training analysis** 



### **Evaluators and Static-99R Training**

## **Formal Training**

- Led by Static-99R cocreator R. Karl Hanson
- Attendees: 11 police personnel



- 1 graduate level
- 1 undergraduate level

**Researchers** 

| 9 |  |
|---|--|
|   |  |
|   |  |

- 8 **formally** trained officers
- 2 **informally** trained officers
- 1 formally trained administrator

#### **Researcher/ Police**

#### Case Sample



#### Sources of Information



#### Procedure



### Agreement Between Researchers



### Agreement Between a Researcher and Police



### **Comparing Training Methods**



#### Total Score Reliability Among Police After Formal Training

*n* = 64 cases Excellent Agreement

(ICC<sub>2,1</sub> = .902)



### Limitations and Future Directions



### Conclusions

- Crucial first step
- Findings generally support the reliable use of the Static-99R
- Possible **cost-effective** training methods
- Foundation for future research on predictive accuracy

# **THANK YOU!**

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