What Evaluators Need to Know to use the Static-99R and Static-2002R
Static-99R

• Age item has changed but the rest of the items remain the same

• Age at Release? (Score range is -3 to 1)
  – Aged 18 to 35.9  1 point
  – Aged 35 to 39.9  0 points
  – Aged 40 to 59.9  -1 points
  – Aged 60 and older -3 points
New 2009 Norms

• Reporting sex offender risk using the new 2009 norms

• Report relative risk
  – Percentiles
  – Risk ratio
  – Risk level

• Report absolute risk
Step 1: Relative Risk: Percentiles

• Percentiles
  – A percentile is the value of a variable below which a certain percent of observations fall.

• Static-99R, 8 samples, n=4,040 (see page 20 workbook)

• Static-2002R, 3 samples, n=1458 (see page 21 workbook)
Percentiles

- Example low relative risk Static-99R (score 2)
  - Compared to other adult male sex offenders, Mr. X’s score falls into the 39.7-54.4 percentile. This percentile means that 39.7 to 54.4% of sex offender scored at or below Mr. X’s score. Conversely 45.6 to 60.3% of sex offenders scored higher.

- Example high relative risk Static-99R (score of 7)
  - Compared to other adult male sex offenders, Mr. X’s score falls into the 94.9 to 97.8 percentile. This percentile means that 94.9 to 97.8 of sex offender scored at or below Mr. X’s score. Conversely 2.2 to 5.1% of sex offenders scored higher.
Step 2: Relative Risk Ratio

- Static-99R, 22 samples, n=8,047
- Static-2002R, 7 samples, n=2,610

Definition
- What is the likelihood of an individual sex offender to reoffend compared to the typical sex offender?
Relative Risk Ratio

• Example low risk ratio Static-99R (score of 0)
  – The recidivism rate of sex offenders with the same score as Mr. X would be expected to be approximately three-fifths (defined as a median score of 2)

• Example high risk ratio Static-99R (score of 6)
  – The recidivism rate of sex offenders with the same score as Mr. X would be expected to be approximately three times higher (defined as a median score of 2)
Step 3: Risk Level

- **Static-99R**
  - Low
  - Low-moderate
  - Moderate-High
  - High

- **Static-2002R**
  - Low
  - Low-moderate
  - Moderate
  - Moderate-High
  - High
Step 4: Absolute Risk

• Use if needed (SVP)
• Many cases only relative risk is relevant
  – Offenders in the top 25 percentile will receive intensive treatment
  – Offenders in the top 15 percentile will be placed on intensive supervision case loads
Static-99R Norms 2009

- 4 sample types
  - Routine Correctional
  - Pre-selected Treatment Needs
  - Pre-selected high-risk/needs
  - Non-routine Correctional
Routine Correctional Samples

• 5 year estimates only
• 8 samples of routine correctional sex offenders from Canada, the United States, England, Austria and Sweden.
• n=2406
• No screening procedures on risk or need factors.
• No pre-selection for treatment, psychiatric admission or treatment or exceptional measures related to dangerousness.
• Roughly representative of all adjudicated sex offenders.
Preselected for Treatment Need

• 5 years: $k=11 \quad n=1642$
• 10 years: $k=6 \quad n=866$
• Offenders referred for sex offender specific treatment during the current incarceration or a prior incarceration.
• If offender is selected for treatment but does not receive it due to bed shortages he would still be considered preselected for treatment.
• It is the selection that defines this sample not participation in treatment.
Preselected for Treatment Need

• Includes referral for community sex offender treatment

• Not considered:
  – Quality of the program
  – Jurisdiction of the program
  – Program structure (length or content)
  – Participation in or completion of the program. These factors would be an external factor to be taken into account by an evaluator.
Pre-selected for Treatment Need

- Current samples were pre-selected for treatment need were selected during their current incarceration

- If offender was selected for treatment in a prior incarceration if they were identified as having treatment needs

- Treatment Programs only for general criminogenic needs may be applied to this sample type but it would be based on inferences not empirical data
Pre-Selected for High-Risk/Need

- 5 year: \( k=6 \) \( n=1,313 \)
- 10 year: \( k=5 \) \( n=722 \)

- A small subgroup of offenders selected on the basis of risk and need factors external to the Static-99R.

- Referred for services at forensic psychiatric facilities such as offenders referred as Mentally Disorder Sex Offenders, or treatment of a mental disorder (sexual or otherwise).
Pre-Selected High-Risk/Need

- Offenders referred to intensive treatment programs for the highest risk offenders
  - Sexually Violent Predators/Sexually Dangerous Persons
  - Incompetent to Stand Trial
  - Not Guilty by Reason of Insanity

- Offenders identified as high risk through a quasi-judicial or administrative process resulting in extended detention for dangerousness (e.g., preventative or indefinite detention, treatment orders, denial of statutory release).
Non-Routine

• 5 years: $k=15$ $n=3,354$
• 10 years: $k=11$ $n=1,642$

• All Non-Routine samples combined plus
  – Saum (2007)
  – Cortoni & Nunes (2007)
  – Hill et al. (2008)

• Have some treatment needs, but insufficient evidence to determine whether the concentration of external risk factors is high as in preselected for high-risk/need.
Non-Routine

• Consider the presence of treatment needs
  – Is it more than typical Routine Sample?
  – Insufficient evidence to use high-risk/need sample?

• Examples
  – Many prison misconducts (sexual or otherwise)
  – Lack of compliance with supervision (parole or probation violations)
  – Referral to psychiatric clinic but unsure why
  – Drop out of treatment program
Selecting a Sample

- Ideally use local norms
- Most cases will use Routine correctional sample
- If using one sample for community release (parole or probation) default to Routine Sample
- If use preselected norms must justify reason for use
Case Examples
Mr. Jones

- Mr. Jones, 32 years of age was convicted of fondling the genitals of a 7 year old girl in his Sunday school class. He has no prior criminal history. He served 4 years in prison and was never referred to treatment and is being released to probation where it is mandated that all released probationers will receive treatment.

Static-99R = 3 Moderate-low risk
Static-2002R = 2 Low risk
Mr. Jones Static-99R

Sample: Routine
Percentile: 54.4-69.3 scored at or below
30.7-45.6 scored above
Risk Ratio: 1.3 times higher
Absolute Risk:
  5 year  6.6% (CI 4.6 - 9.6)
  10 year None
Mr. Jones Static-2002R

<table>
<thead>
<tr>
<th>Sample:</th>
<th>Routine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentiles:</td>
<td>23.6-33.1 scored at or below&lt;br&gt;66.9-76.4 scored above</td>
</tr>
<tr>
<td>Risk Ratio:</td>
<td>2/3rds as likely to recidivate</td>
</tr>
<tr>
<td>Absolute Risk:</td>
<td>5 years 2.2% (CI .08-5.7)&lt;br&gt;10 years None</td>
</tr>
</tbody>
</table>
Mr. Smith

• Mr. Smith is a 46 year old offender who has twice been convicted of molesting neighborhood boys in 1989 and 1998. He served two prison terms and during his most recent term he participated in sex offender treatment. His treatment progress was excellent and he will continue in sex offender treatment in the community.

Static-99R = 5 Medium-high
Static-2002R = 5 Moderate
Mr. Smith Static-99R

Sample: Pre-selected treatment need
Percentiles: 81.4-89.7 scored at or below
10.3-18.6 scored above
Risk Ratio: 2.2 times higher
Absolute Risk:
  5 years 15.9 (CI 13.8-18.1)
  10 years 22.6 (CI 19.2-26.4)
Mr. Smith Static-2002R

Sample: Non-routine
Percentiles: 58-70.6 scored at or below
29.4-42 scored above
Risk Ratio: 1.2 times higher
Absolute Risk:
- 5 years  15.4  (CI 12-19.6)
- 10 years 23.9  (CI 18.4-30.4)
Mr. North

- Mr. North is 63 years old with a lengthy criminal history since age 14. He has committed property crimes, drug offenses, non-sexual violence and 3 sexual assaults against adult women. He was in sex offender treatment in the 1970’s at the state hospital sexual psychopath program. He was found unamenable to treatment and sent to DOC. He has reoffended sexually since then.

Static-99R = 9 High
Static-2002R = 7 Moderate-high
<table>
<thead>
<tr>
<th>Sample:</th>
<th>Pre-selected high-risk/need</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentile:</td>
<td>99.1-99.7 scored at or below 0.03-.09 scored above</td>
</tr>
<tr>
<td>Risk Ratio:</td>
<td>6.5 times higher</td>
</tr>
<tr>
<td>Absolute Risk:</td>
<td></td>
</tr>
<tr>
<td>5 years</td>
<td>52.4 (CI 45.9-58.8)</td>
</tr>
<tr>
<td>10 years</td>
<td>61.9 (CI 52.2-70.7)</td>
</tr>
</tbody>
</table>
**Mr. North Static-2002R**

<table>
<thead>
<tr>
<th>Sample:</th>
<th>Pre-selected high-risk/need</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentile:</td>
<td>82.1-89.9 scored at or below</td>
</tr>
<tr>
<td></td>
<td>10.1-17.9 scored above</td>
</tr>
<tr>
<td>Risk Ratio:</td>
<td>Approximately twice as likely to recidivate</td>
</tr>
<tr>
<td>Absolute Risk:</td>
<td></td>
</tr>
<tr>
<td>5 years</td>
<td>26.3% (CI 20.4-33.3)</td>
</tr>
<tr>
<td>10 years</td>
<td>36.0% (CI 26.1-47.4)</td>
</tr>
</tbody>
</table>
Mr. Schwartz

- Mr. Schwartz has four sexual sentencing occasions for molesting boys and girls. In 1998 he was referred to treatment in prison but refused to attend. He was found by two evaluators to meet the criteria as a sexually violent predator and is waiting trial.

Static99R= 8
Static2002R= 9
Mr. Schwartz Static-99R

<table>
<thead>
<tr>
<th>Sample:</th>
<th>Pre-selected high-risk/need</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentile:</td>
<td>97.8-99.1 scored at or below 09-2.2 scored above</td>
</tr>
<tr>
<td>Risk Ratio:</td>
<td>5 times higher</td>
</tr>
<tr>
<td>Absolute Risk</td>
<td></td>
</tr>
<tr>
<td>5 years</td>
<td>45.0% (CI 39.3-50.8)</td>
</tr>
<tr>
<td>10 years</td>
<td>55.3% (CI 46.8-63.6)</td>
</tr>
</tbody>
</table>
Sample: Pre-selected high-risk/need
Percentile: 94.5-97.5 scored at or below 2.5-5.5 scored above
Risk Ratio: 2.8 times higher
Absolute Risk:
- 5 years: 36.4% (CI 26.8-47.2)
- 10 years: 46.8% (CI 32.0-62.1)
Mr. Arnold

- Mr. Arnold, 27 years of age was convicted of rape in 1999 and child molest in 2002. He has had some childhood misbehavior but nothing that required juvenile detention. He was not referred to treatment because when interviewed he would not admit his sexual offense.

Static-99R= 3  
Static-2002R= 4
<table>
<thead>
<tr>
<th>Sample:</th>
<th>Routine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentiles:</td>
<td>54.4-69.3 scored at or below</td>
</tr>
<tr>
<td></td>
<td>30.7-45.6 scored above</td>
</tr>
<tr>
<td>Risk Ratio:</td>
<td>1.3 times higher</td>
</tr>
<tr>
<td>Absolute Risk:</td>
<td></td>
</tr>
<tr>
<td>5 year</td>
<td>6.6% (CI 4.6-9.6)</td>
</tr>
<tr>
<td>10 year</td>
<td>None</td>
</tr>
</tbody>
</table>
Mr. Arnold Static-2002R

Sample: Routine
Percentiles: 44.9-58.0 scored at or below
42.0-55.1 scored above
Risk Ratio: Equal to the typical recidivist
Absolute Risk:
  5 year  3.5% (CI 1.4-8.2)
  10 year None
Mr. Sam

- Mr. Sam was drinking late at night in a park and got into a verbal altercation with a female acquaintance. As she was leaving Mr. Sam pulled down his pants and made an offensive remark concerning fellatio, resulting in a conviction of Gross Indecency (exhibitionism). Although he has extensive convictions for drunk and disorderly and theft, this is his first sexual conviction. He was referred for assessment to determine whether he needed sexual offender treatment.

Static-99R= 2  
Static-2002R= 1
Mr. Sam Static-99R

Sample: Routine

Percentiles: 39.7-54.4 scored at or below
45.6-60.3 scored above

Risk Ratio: Equal to the typical recidivist

Absolute Risk:
  5 year  5.0% (CI 3.4-7.4)
  10 year None
Sample: Routine
Percentiles: 13.9-23.6 scored at or below
76.4-86.1 scored above
Risk Ratio: Half as high
Absolute Risk:
5 year 1.7% (CI 0.6-4.7)
10 year None
Mr. Middle

• Mr. Middle has two prior convictions for a sexual offense, and has never been assessed nor offered treatment, as there are no such services provided in his state. He is referred for assessment because of repeated complaints of exhibitionism toward female custody officers.

Static-99R= 6
Static-2002= 8
Mr. Middle Static-99R

Sample: Non-routine

Percentiles: 89.7-94.9 scored at or below 5.1-10.3 scored above

Risk Ratio: 2.9 times higher

Absolute Risk:
5 year 24.7% (CI 19.6-30.7)
10 year 33.4% (CI 28.2-39.2)
Mr. Middle Static-2002R

Sample: Non-routine
Percentiles: 89.9-94.5 scored at or below 5.5-10.1 scored above
Risk Ratio: 2.3 times higher
Absolute Risk:
  5 year  27%  (CI 20.2-35.0)
  10 year 38%  (CI 26.6-50.8)
Contact Information

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amy@amyphenix.com

All handouts can be downloaded on my website within the week.