

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 n=1642
- 10 years: k=6 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 Disordered 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

Sample: Routine

Percentiles: 23.6-33.1 scored at or below
66.9-76.4 scored above

Risk Ratio: 2/3rds as likely to recidivate

Absolute Risk:

5 years 2.2% (CI .08-5.7)

10 years None

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

Mr. North Static-99R

Sample:	Pre-selected high-risk/need
Percentile:	99.1-99.7 scored at or below .03-.09 scored above
Risk Ratio:	6.5 times higher
Absolute Risk:	
5 years	52.4 (CI 45.9-58.8)
10 years	61.9 (CI 52.2-70.7)

Mr. North Static-2002R

Sample:	Pre-selected high-risk/need
Percentile:	82.1-89.9 scored at or below 10.1-17.9 scored above
Risk Ratio:	Approximately twice as likely to recidivate
Absolute Risk:	
5 years	26.3% (CI 20.4-33.3)
10 years	36.0% (CI 26.1-47.4)

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

Sample: Pre-selected high-risk/need

Percentile: 97.8-99.1 scored at or below
.09-2.2 scored above

Risk Ratio: 5 times higher

Absolute Risk

5 years 45.0% (CI 39.3-50.8)

10 years 55.3% (CI 46.8-63.6)

Mr. Schwartz Static-2002R

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

Mr. Arnold Static-99R

Sample: Routine

Percentiles: 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. 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

Mr. Sam Static-2002R

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

Amy Phenix, Ph.D.

amy@amyphenix.com

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