

# Sexual Desires and Beliefs about Social Acceptability in Incarcerated Sexual Offenders: Part II

Liam E. Marshall, Ph.D.

Matt D. O'Brien, M.Sc., M.A.

Rockwood Psychological Services

Mandie Woods, B.A. (Hons)

Kevin Nunes, Ph.D.

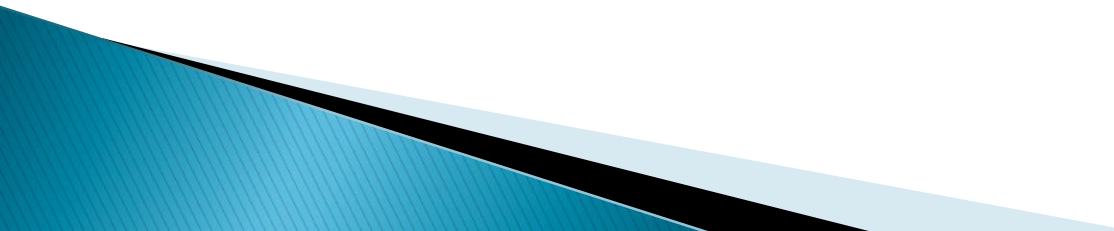
Carleton University

[www.rockwoodpsyc.com](http://www.rockwoodpsyc.com)

# INTRODUCTION

- ▶ Rational for scale development
  - Previous research
  - Changes in societal attitudes
  - Risk
- ▶ Scale
- ▶ Results
- ▶ Implications for treatment

- ▶ Interests in deviant sexual behaviours are suggested to be involved in both the initiation (Mann & Hollin, 2003) and maintenance (Hanson & Morton-Bourgon, 2004) of sex offending.

- ▶ Although there are data on the proportion of people in the population who have engaged in various sexual behaviours, there is less information about sexual interest in various sexual behaviours
  - ▶ In addition, there is more data on deviant interests than non-deviant interests
  - ▶ Need for information regarding sexual interest in both deviant and non-deviant behaviours among both deviant and non-deviant populations
- 

# Sexual interests of non-offenders

## ▶ Non-deviant behaviours:

<b>Behaviour</b>	<b>Percentages of men who engaged in behaviour in the last year (ages 18-69)</b>
Masturbated	61-84%
Vaginal Intercourse	63-86%
Receiving oral sex from a women	38-78%
Giving Oral sex to a women	34-74%
Anal sex	6-27%

- ▶ Herbenick, D., Reece, M., Schick, V., Sanders, S. A., Dodge, B., & Fortenberry, D. (2010).

# Sexual interests of non-offenders

## ▶ Deviant interests:

<b>Fantasy type</b>	<b>Percentage of men who stated having a fantasy of that type</b>	<b>Problem Awareness</b>
Sadistic	27.8%	1.1%
Voyeurism	34.9%	0.7%
Exhibitionistic	3.5%	0%
Frotteuristic	13.4%	0%
Pedophilic	9.5%	2.6%

- ▶ Ahlers, C. J., Schaefer, G. A., Mundt, I. A., Roll, S., Englert, H., Willich, S. N. and Beier, K. M. (2011)

# Sexual Interests of sex offenders

- ▶ Deviant interests:
- ▶ Lots of information: Fedora, Reddon, Morrison, Fedora, Pascoe, & Yeudall, 1992; Lalumière, Quinsey, Harris, Rice, & Trautrimas, 2003; Laws, Hanson, Osborne, & Greenbaum, 2000)
- ▶ Non-deviant Interests:
  - Much less

# Sexual Desire/Acceptability Scales

## Desire

- ▶ Please choose the degree to which you would like to engage in the following sexual behaviours.

## Acceptability

- ▶ Please choose the degree to which you think the following sexual behaviours are acceptable to others.

# Sexual Desire/Acceptability Scales

1. Missionary position sex with a woman
2. Digital penetration
3. Fellatio
4. Cunnilingus
5. Masturbation
6. Hurting someone during sex
7. Other positions
8. Group sex
9. Sex with a child
10. Anal sex
11. Sex with a stranger
12. Exhibitionism
13. Using sex toys
14. Peeping/voyeurism
15. Frotteurism
16. Urophilia
17. Dirty talk
18. Fetish for clothing
19. Having sex with someone who is asleep
20. Homosexuality

# Subscales

## “Normal”

- “Missionary” position with a woman
- Digital penetration
- Fellatio
- Cunnilingus
- Masturbation
- Other positions
- Using sex toys
- Homosexuality

## Unusual but not usually illegal

- S & M (hurting someone during sex)
- Group sex
- Anal sex
- Sex with a stranger
- Urophilia
- Dirty talk
- Clothing fetish

## Illegal (In Canada)

- Sex with a child
- Exhibitionism
- Peeping/Voyeurism
- Frotteurism
- Having sex with someone who is asleep

# Summary of Study 1

- ▶ Measures demonstrated promising psychometric properties
  - Good internal consistency, alphas  $> .85$
  - Unrelated to desirable responding – Total and subscales
  - Sexual desire strongly related to hypersexuality measures
- ▶ Sexual offenders report less sexual desire than community comparison group
  - ▣ Sexual offenders desire deviant sexual behaviours more, but normal sexual behaviours less, than they think they are socially acceptable.
  - ▣ Community group reported less desire for deviance than they think they are socially acceptable
  - ▣ Measures show promise for examining sexual desires and attitudes in sexual offenders

# Study II: Method

## PARTICIPANTS ( $N = 385$ )

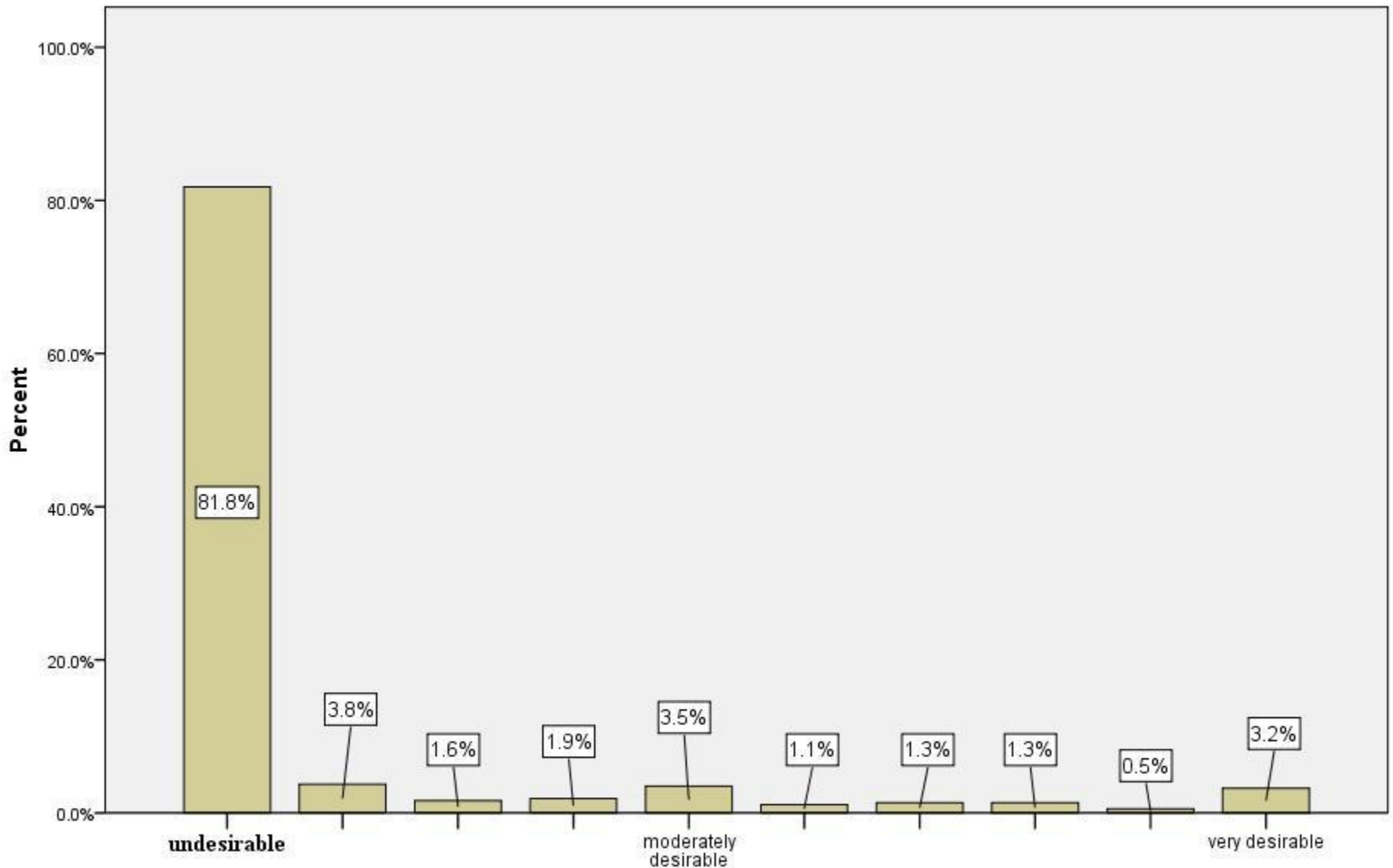
- ▶ U. Students ( $n = 287$ )      M age = 20.19<sup>a</sup> (2.62)
- ▶ Community ( $n = 47$ )      M age = 35.19<sup>b</sup> (12.11)
- ▶ Sex Offenders ( $n = 51$ )      M age = 45.08<sup>c</sup> (10.89)

$$F(2, 371) = 418.25, p < .001$$

- ▶ Age significantly negatively related to all total and subscale scores except “desire deviance”

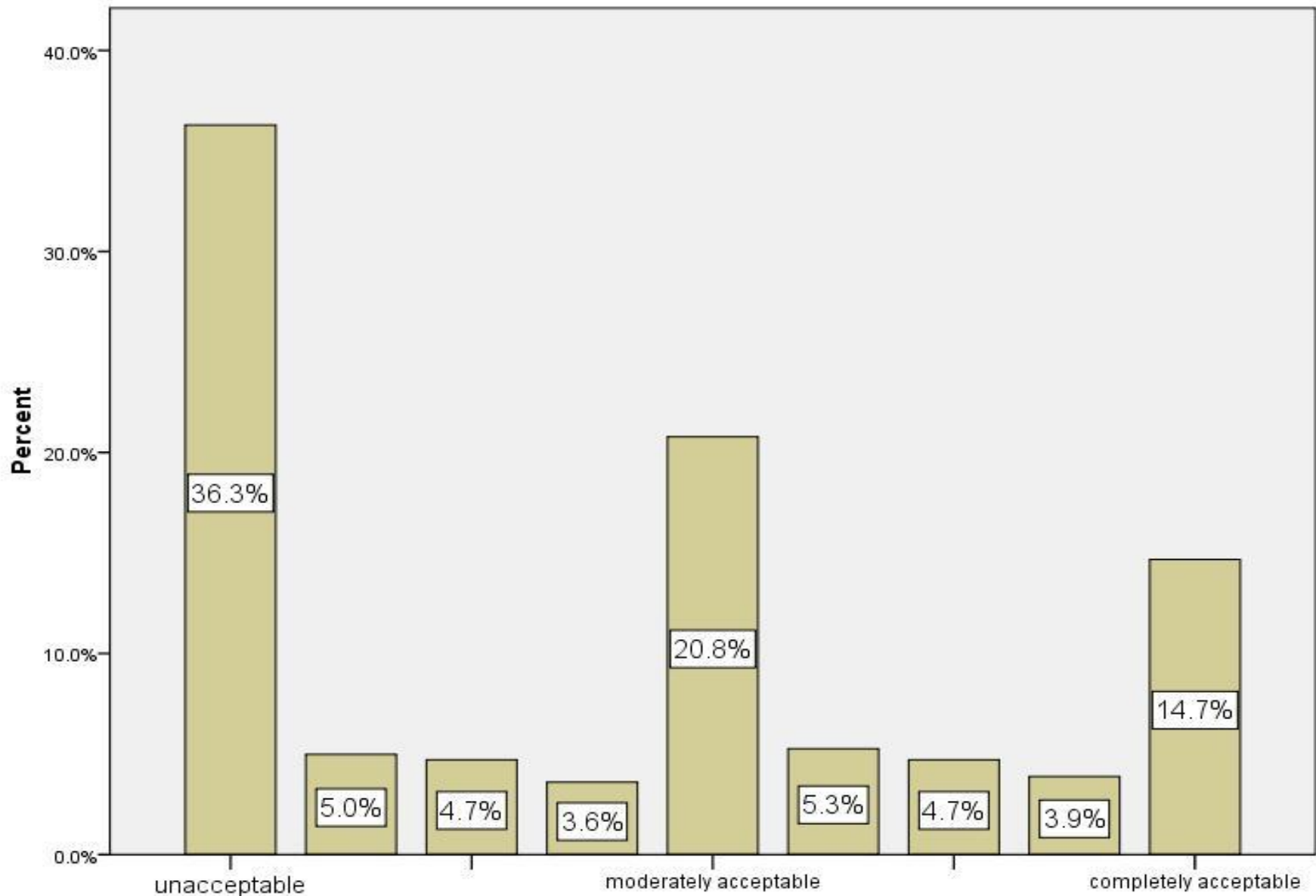
## PROCEDURE

- ▶ Measures presented early and late in assessment package

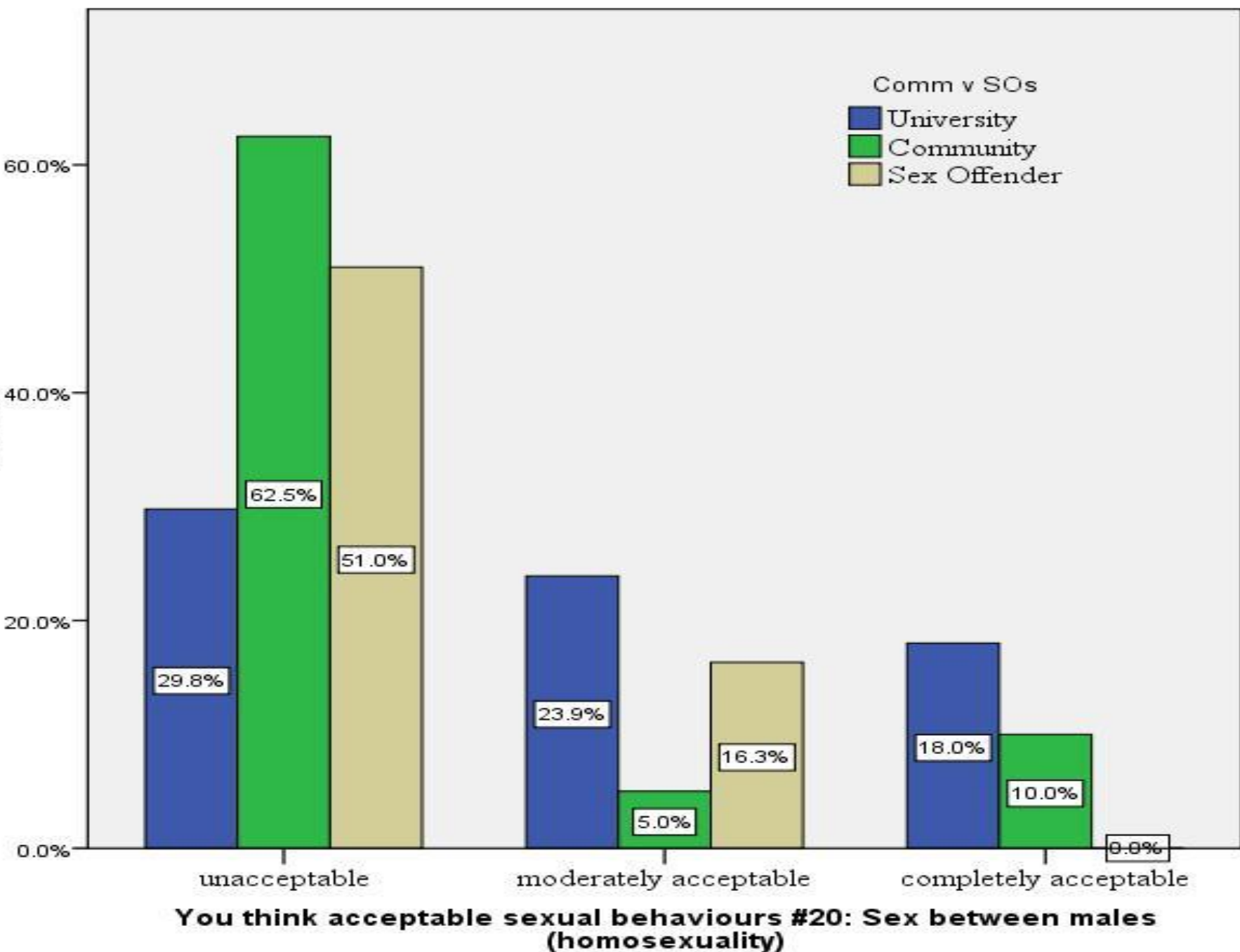


#20. You Like engaging in sex with a male (homosexuality)

#20. You like engaging in sex with a male



**You Think acceptable sexual behaviours #20: Sex with a male (homosexuality)**



# Scale Psychometrics – Factor Structure

- ▣ Exploratory Factor analysis – Principal Axis Factoring

## Desire Scale

- ▣ Two factor solution
  - One factor accounting for 25% of the variance
  - Second factor = 10% (deviant sex behaviours)

## Acceptability Scale

- ▣ Two factor solution:
  - One factor accounting for 32%
  - Second factor = 11% (deviant sex behaviours)
  - Two other minor (Eigen values  $< 1$ ) factors = 6% (other sex behaviours)

# Scale Psychometrics

- ▶ Total “Desire” Scale Score (N = 342):
  - Mean = 88.99, SD = 25.08, Range 29–177, Possible Range 20–200
  - Cronbach’s alpha = .85

	N	M	SD	Alpha
University	287	90.93 <sup>a</sup>	22.66	.82
Community	47	97.10 <sup>a</sup>	26.04	.84
Sexual Offenders	51	72.72 <sup>c</sup>	29.42	.93

$F(2, 339) = 14.41, p < .001$

# Scale Psychometrics

- ▶ Total “Acceptability” Scale Score (N = 344):
  - Mean = 105.32, SD = 28.41, Range 29–172, Possible Range 20–200
  - Cronbach’s alpha = .90

	N	M	SD	Alpha
University	255	111.00 <sup>a</sup>	26.77	.82
Community	47	100.00 <sup>b</sup>	26.76	.87
Sexual Offenders	51	80.08 <sup>c</sup>	23.36	.89

$$F(2, 341) = 29.28, p < .001$$

# Sex Desires: University Students, SES matched Community, & Sexual Offenders

SEX DESIRES	University		Community		Sex Offenders		Sig
	M	SD	M	SD	M	SD	
TOTAL	<b>90.93<sup>a</sup></b>	22.66	<b>97.10<sup>a</sup></b>	26.03	<b>72.72<sup>b</sup></b>	29.41	$p < .001$
Deviance	11.82	6.90	<b>14.41<sup>a</sup></b>	9.88	<b>9.50<sup>b</sup></b>	7.33	$p < .01$
Unusual	<b>28.79<sup>a</sup></b>	11.26	<b>30.63<sup>a</sup></b>	12.83	<b>19.16<sup>b</sup></b>	12.04	$p < .001$
Normal	<b>50.34<sup>a</sup></b>	9.67	<b>52.60<sup>a</sup></b>	11.42	<b>44.06<sup>b</sup></b>	13.17	$p < .001$
Masturbation	<b>6.40<sup>a</sup></b>	2.57	<b>6.42<sup>a</sup></b>	2.76	<b>4.78<sup>b</sup></b>	2.68	$p < .001$
Hurting others	<b>2.34<sup>a</sup></b>	2.16	2.47	2.45	<b>1.44<sup>b</sup></b>	1.43	$p < .02$
Sex with a child	<b>1.16<sup>a</sup></b>	0.99	1.55	1.56	<b>1.66<sup>b</sup></b>	1.70	$p < .01$
Anal sex	<b>4.36<sup>a</sup></b>	2.99	<b>4.98<sup>a</sup></b>	3.36	<b>2.84<sup>b</sup></b>	2.54	$p < .01$

# Social Acceptability: University Students, SES matched Community, & Sexual Offenders

SEX DESIRES	University		Community		Sex Offenders		Sig
	M	SD	M	SD	M	SD	
TOTAL	<b>111.00<sup>a</sup></b>	26.77	<b>100.00<sup>a</sup></b>	26.75	<b>80.08<sup>c</sup></b>	23.35	$p < .001$
Deviance	<b>12.47<sup>a</sup></b>	7.20	10.40	7.07	<b>7.71<sup>b</sup></b>	3.95	$p < .001$
Unusual	<b>35.77<sup>a</sup></b>	12.67	<b>30.45<sup>b</sup></b>	12.71	<b>21.42<sup>c</sup></b>	9.14	$p < .001$
Normal	<b>62.29<sup>a</sup></b>	13.11	<b>59.15<sup>a</sup></b>	12.78	<b>50.94<sup>b</sup></b>	14.22	$p < .001$
Masturbation	<b>8.07<sup>a</sup></b>	2.41	<b>7.83<sup>a</sup></b>	2.64	<b>6.24<sup>b</sup></b>	2.78	$p < .001$
Hurting others	<b>2.81<sup>a</sup></b>	2.16	<b>1.88<sup>b</sup></b>	1.36	<b>1.55<sup>b</sup></b>	0.96	$p < .001$
Sex with a child	1.21	1.03	1.20	0.85	1.22	0.82	$p = .99$
Anal sex	<b>5.46<sup>a</sup></b>	2.80	<b>5.28<sup>a</sup></b>	3.11	<b>3.24<sup>b</sup></b>	2.25	$p < .001$

# Prudish Index: (Desire) – (Social Acceptability)

(higher scores = greater prudishness)

SEX DESIRES	University		Community		Sex Offenders		Sig
	M	(SD)	M	SD	M	SD	
TOTAL	<b>-20.96<sup>a</sup></b>	(24.99)	<b>-1.11<sup>b</sup></b>	(25.77)	<b>-5.87<sup>b</sup></b>	(25.40)	$p < .001$
Deviance	<b>-0.71<sup>a</sup></b>	(6.88)	<b>3.36<sup>b</sup></b>	(9.18)	<b>2.12<sup>b</sup></b>	(6.47)	$p < .01$
Unusual	<b>-7.13<sup>a</sup></b>	(12.85)	<b>0.35<sup>b</sup></b>	(12.31)	<b>-1.98<sup>b</sup></b>	(10.37)	$p < .001$
Normal	<b>-12.25<sup>a</sup></b>	(12.08)	<b>-5.22<sup>b</sup></b>	(11.83)	<b>-6.02<sup>b</sup></b>	(13.11)	$p < .001$
Masturbation	-1.69	(3.01)	-1.26	(3.24)	-1.29	(2.58)	$p = .54$
Hurting others	<b>-0.45<sup>a</sup></b>	(2.05)	<b>0.37<sup>b</sup></b>	(1.99)	-.08	(1.16)	$p < .05$
Sex with a child	<b>-.05<sup>a</sup></b>	(1.26)	0.05	(1.08)	<b>0.50<sup>b</sup></b>	(1.61)	$p < .05$
Anal sex	-1.09	(2.92)	-0.29	(3.21)	-0.38	(2.56)	$p = .11$

# Within Sos tests

N = 48	Desire	Accept	Sig
TOTAL	73.56 (29.71)	79.44 (23.16)	$p = .12$
Deviance	9.69 (7.42)	7.56 (3.84)	$p < .05$
Unusual	19.21 (12.30)	21.19 (9.08)	$p = .19$
Normal	44.67 (13.06)	50.69 (14.26)	$p < .01$
Masturbation	4.94 (2.62)	6.23 (2.81)	$p < .01$
Hurting others	1.46 (1.46)	1.54 (0.97)	$p = .62$
Sex with a child	1.69 (1.73)	1.19 (0.79)	$p < .05$
Anal sex	2.83 (2.56)	3.21 (2.26)	$p = .31$

# Items that differentiate SOs from other participants: SOs rate lower than other participants

## Desires

- Total score
- Unusual subscale
- Normal subscale

## Items

- Masturbation
- Anal sex
- Fellatio
- Group sex
- Dirty talk
- Clothing for sex
- Frotteurism

## Acceptability

- Total score
- Unusual subscale
- Normal subscale

## Items

- Masturbation
- Anal sex
- Fellatio
- Group sex
- Dirty talk
- Clothing for sex
- Other positions
- Using toys

# Conclusions

- ▶ Implications for research
  - Scale demonstrated good psychometric properties
  - Differentiated between sexual offenders and other groups
- ▶ Implications for treatment
  - Healthy sexuality an important target for treatment

# Sexual Desires and Beliefs about Social Acceptability in Incarcerated Sexual Offenders: Part II

Liam E. Marshall, Ph.D.

Matt D. O'Brien, M.Sc., M.A.

Rockwood Psychological Services

Mandie Woods, B.A. (Hons)

Kevin Nunes, Ph.D.

Carleton University

[www.rockwoodpsyc.com](http://www.rockwoodpsyc.com)