

HETEROGENEITY WITHIN MULTIPLE PERPETRATOR RAPES:

A NATIONAL COMPARISON OF SINGLE, DUO AND 3+ PERPETRATOR RAPES

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MULTIPLE PERPETRATOR RAPE

- Horvath and Kelly (2009) defined MPR as any sexual assault which involves two or more perpetrators.

Multiple Perpetrators vs Lone Offenders

- ◉ Amir, 1971 (USA);
- ◉ Bijleveld & Hendriks, 2003 (Netherlands);
- ◉ Gidycz & Koss, 1990 (USA);
- ◉ Hauffe & Porter, 2009 (UK);
- ◉ Ullman, 2007 (USA);
- ◉ Wright & West, 1981 (UK).

ASPECTS OF MULTIPLE PERPETRATOR RAPE

- Bijleveld et al., 2007 (Netherlands);
- Chambers, Horvath & Kelly, 2010 (UK);
- De Wree, 2004 (Belgium);
- Etgar & Pragar, 2009, (Israel)
- Horvath & Kelly, 2009 (UK);
- Porter & Alison, 2001, 2004, 2006 (UK);
- Vetten, L. & Haffejee, S., 2005 (South Africa).
- Woodhams, 2004, 2008; (UK)
- Woodhams, Gillett & Grant, 2007 (UK).

RESEARCH QUESTIONS

1. Is it possible to differentiate between multiple (duos and 3+ groups) and lone offending for female rape based on offence characteristics and victim and offender socio-demographic characteristics?
2. Are there differences in socio-demographic and offence characteristics between duos and groups of three or more offenders?

RESEARCH METHODOLOGY

- A research proposal was submitted to the Serious Crime Analysis Section (SCAS) for the consideration by the Specialist Operational Support section of the National Policing Improvement Agency's (NPIA) Research Approval Panel.

RESEARCH METHODOLOGY

- It addressed the following research questions published in the NPIA Specialist Operational Support Call for research 2010-2011:

Multiple offending:

- Comparison between multiple and single offending in both male and female rape.
- Are those involved in multiple offender offences likely to commit single offending?

SAMPLE

- ⦿ 336 sexual offence allegations (completed and attempted rapes):
 - 112 sexual offences committed by lone perpetrators,
 - 112 sexual offences committed by duo perpetrators,
 - 112 sexual offences committed by 3+ perpetrators.
- ⦿ 702 offenders:
 - 112 lone,
 - 210 duos,
 - 380 3+ groups.

SAMPLE CHARACTERISTICS

- All the victims were female;
- Only one victim in each crime;
- Majority of the offenders were strangers to the victims:
 - 99% of the lone offenders
 - 73% of the duo offenders
 - 81% of the 3+ groups offenders

SAMPLE CHARACTERISTICS:

- ⦿ The majority of the offences were rapes:
 - 88% of the lone offences
 - 99% of the duo offences
 - 98% of the 3+ groups offences

SAMPLE CHARACTERISTICS:

- ⦿ Composition of the 3+ groups:
 - Groups of 3 → 78 offences
 - Groups of 4 → 22 offences
 - Groups of 5 → 11 offences
 - Group of 6 → 1 offence

VARIABLES

- ⦿ socio-demographic information of offenders and victims (age, gender and ethnicity);
- ⦿ group size of the multiple offences;
- ⦿ the offence behaviours of the offenders and victims covering the approach, maintenance and closure phases.

RESULTS

Differences between lone and multiple offences:

| Variable | Lone offences (n = 112) | Multiple offences (n = 224) | Mann-Whitney U test | p | r |
|------------------------------|----------------------------|--------------------------------|------------------------|------|-------|
| Victim age | 25.48 | 21.97 | 10121 | .015 | -.130 |
| Estimated age of offender | 29.48 | 25.26 | 13782.5 | .000 | -.205 |
| Rape duration | 02:29 hrs | 04:49 hrs | 6515.5 | .000 | .281 |

RESULTS

Differences between lone and multiple offences:

| Variable | Lone offences (n = 112) | Multiple offences (n = 224) | χ^2 | p | Phi |
|--|----------------------------|--------------------------------|----------|------|-------|
| Ethnicity of offender - White European | 59.5% | 25.8% | 49.327 | .000 | -.265 |
| Vehicle use | 22.7% | 40.8% | 10.608 | .001 | .178 |
| Initial approach Con | 50% | 79% | 27.353 | .000 | .296 |
| Initial approach Surprise | 52% | 19% | 35.546 | .000 | -.338 |

RESULTS

Differences between lone and multiple offences:

| Variable Scene | Lone offences (n = 112) | Multiple offences (n = 224) | χ^2 | p | Phi |
|--------------------------|-------------------------|-----------------------------|----------|------|-------|
| Initial contact indoors | 20.6% | 37.9% | 9.897 | .002 | .174 |
| Initial contact outdoors | 79.4% | 62.6% | 9.430 | .002 | -.170 |
| Assault indoors | 32.4% | 56% | 16.315 | .000 | .223 |
| Assault outdoors | 72.1% | 49.5% | 15.246 | .000 | -.215 |
| Victim release indoors | 26.6% | 46.3% | 11.734 | .001 | -.190 |
| Victim release outdoors | 73.1% | 55.6% | 9.404 | .002 | -.170 |

RESULTS

Differences between lone and multiple offences:

| Variable Precautions | Lone offences (n = 112) | Multiple offences (n = 224) | χ^2 | p | Phi |
|----------------------|-------------------------|-----------------------------|----------|------|-------|
| Covered mouth | 29.5% | 14.7% | 10.267 | .001 | -.175 |
| Blocked entry / exit | 4.5% | 19.2% | 13.234 | .000 | .198 |
| Condom used | 5.4% | 25.9% | 20.421 | .001 | .247 |
| No precaution | 39.3% | 59.8% | 12.640 | .001 | .194 |

RESULTS

Differences between lone and multiple offences:

| Variable Verbal themes | Lone offences (n = 112) | Multiple offences (n = 224) | χ^2 | p | Phi |
|---------------------------|-------------------------------|-----------------------------------|----------|------|-------|
| Victim reporting | 23.2% | 12.5% | 6.355 | .012 | -.138 |
| Safe departure | 17.9% | 7.1% | 8.960 | .003 | -.163 |
| Sex acts | 38.4% | 57.1% | 10.503 | .001 | .177 |
| Verbal threats | 50.9% | 33% | 10.009 | .002 | -.173 |

RESULTS

Differences between lone and multiple offences:

| Variable Sex acts | Lone offences (n = 112) | Multiple offences (n = 224) | χ^2 | p | Phi |
|------------------------------------|----------------------------|--------------------------------|----------|------|-------|
| Offender kissing | 57.8% | 43.2% | 6.238 | .013 | -.138 |
| Offender masturbates self or other | 17.4% | 9.1% | 4.852 | .028 | -.121 |
| Victim performs fellatio | 34.9% | 48.2% | 5.254 | .022 | .126 |

RESULTS

Differences between duo and 3+ group offences:

| Variable | Duo offences (n = 112) | 3+ group offences (n = 112) | Mann – Whitney U Test | p | r |
|---------------------------|---------------------------|--------------------------------|--------------------------|------|-------|
| Estimated age of offender | 26.85 | 24.37 | 18748 | .005 | -.133 |
| Rape duration | 03:31 | 05:31 | 3717 | .000 | .275 |

RESULTS

Differences between duo and 3+ group offences:

| Variable | Duo offences (n = 112) | 3+ group offences (n = 224) | χ^2 | p | Phi |
|-------------------------------------|---------------------------|--------------------------------|----------|------|-------|
| Ethnicity African Caribbean victims | 3.6% | 11.6% | 5.156 | .023 | .152 |
| Initial Approach third person lure | 23.6% | 37.5% | 4.797 | .029 | .151 |
| Scene assault indoors | 45.9% | 66.1% | 9.009 | .003 | .203 |
| Scene assault outdoors | 57.8% | 41.3% | 5.945 | .015 | -.164 |
| Scene assault living quarters | 41.4% | 60.9% | 8.380 | .004 | .195 |

RESULTS

Differences between duo and 3+ group offences:

| Variable | Duo offences (n = 112) | 3+ group offences (n = 224) | χ^2 | p | Phi |
|-------------------------------|---------------------------|--------------------------------|----------|------|-------|
| Precaution covered mouth | 21.4% | 8% | 7.996 | .005 | -.189 |
| Precaution blocked entry exit | 13.4% | 25% | 4.846 | .027 | .147 |
| Precaution condom | 19.6% | 32.1% | 4.560 | .033 | .143 |
| Verbal theme safe departure | 11.6% | 2.7% | 6.731 | .009 | -.173 |
| Verbal theme participate | 11.6% | 3.6% | 5.156 | .009 | -.152 |

RESULTS

Differences between duo and 3+ group offences:

| Variable | Duo offences (n = 112) | 3+ group offences (n = 224) | χ^2 | p | Phi |
|--------------------------------------|---------------------------|--------------------------------|----------|------|------|
| Sex acts - victim performed fellatio | 37.6% | 58.6% | 9.662 | .002 | .210 |
| Disrobement – vicim naked | 14.3% | 31.3% | 9.165 | .002 | .202 |

RESULTS

Differences between lone and duo offences:

| Variable | Lone offences (n = 112) | Duo offences (n = 112) | Mann – Whitney U Test | p | r |
|------------------------|-----------------------------|---------------------------|--------------------------|------|-------|
| Estimated offender age | 29.478 | 26.848 | 5685 | .006 | -.175 |
| Rape duration | 02:29 hrs | 03:31 hrs | 3913 | .008 | .186 |

RESULTS

Differences between lone and duo offences:

| Variable | Lone offences (n = 112) | Duo offences (n = 112) | χ^2 | p | Phi |
|---------------------------------------|----------------------------|---------------------------|----------|------|-------|
| Initial Approach third person lure | 0% | 12.7% | 27.343 | .000 | .363 |
| Scene assault outdoors | 72.1% | 57.8% | 4.925 | .034 | -.150 |
| Precaution blocked entry exit | 4.5% | 13.4% | 5.490 | .033 | .157 |
| Precaution condom | 5.4% | 19.6% | 10.449 | .002 | .216 |

CONCLUSIONS:

- The results suggest that there are some differences between lone and multiple offences and duo and 3+ group offences in terms of offence characteristics and victim and offender socio-demographic characteristics.

IMPLICATIONS:

- ⦿ The results could have practical implications for:
 - Police investigation (prioritising for intelligence gathering and investigation)
 - Risk assessment
 - Treatment needs

LIMITATIONS:

- ⦿ Reports of victim allegations made to the police:
 - Rape is an under-reported crime, which makes it difficult to generalize the results obtained as the majority of sexual offences are not reported to the police.
 - Due to memory loss and the trauma of a rape, victim accounts may have omissions and distortions.

Thank you for your attention.

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