

#### **Research Team**

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### **Secondary Prevention**



Targets at-risk individuals preoffense or pre-conviction.



But there is a lack of data on client characteristics and needs in prevention programs.



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### **Study Aims**



- 1. Describe demographics and offence profiles of service clients
- 2. Analyse temporal trends (2011–2020)
- 3. Identify subtypes via Latent Class Analysis (LCA)
- 4. Compare subtypes on key variables and evaluate service needs.



# Methods

- 828 male clients, 2011–2020
- Stopitnow! Scotland
- Variables: Demographics, offence data, mental/physical health, trauma, etc.



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# **Sample Characteristics**

- Age: 41.7 years old (SD = 14.6)
- 45% Married, 45% single
- For those with offences:
  - Delay between offence and service contact: 3.5 yrs (SD = 4.9)
  - 67% presentence, 23% postconviction

Type of Client	%
CSEM	87.5
Dual/mixed	2.9
Grooming	5.0
Contact	0.5
Not offended	1.2

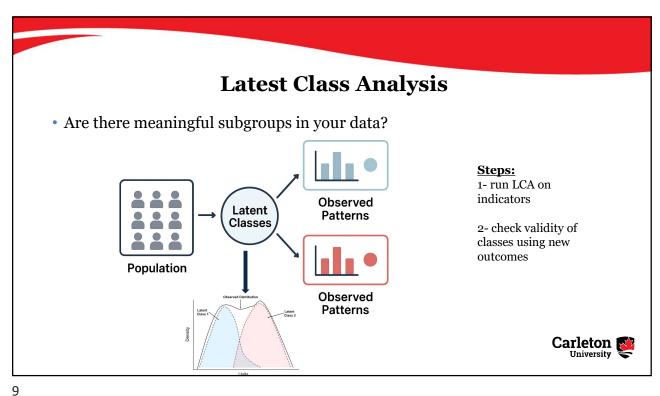


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### **Notable Temporal Trends (from 2010 to 2020)**

- ↑ in self and family referral source (and reduction in police referral)
- $\uparrow$  in grooming offences and non-offending clients, CSEM still the most frequent
- ↓ in time between offending and contact with the service (a good thing)
- Are there different need profiles amongst clients?





#### **LCA Indicators**

- 1. Suicidal thoughts/behaviour
- 2. Mental health issues
- 3. Childhood trauma
- 4. Sexual interest in children
- 5. Physical health issues



#### **LCA**

• Are there meaningful subgroups? Yes.

Classes	AIC	AICΔ	BIC	BIC $\Delta$	$G^2$	$\chi^2$
1	1499.32	46.93	1517.72	17.06	70.03	94.05
2	1460.18	7.79	1500.66	†	47.99	103.25
3	1452.39	†	1514.95	14.29	26.47	28.05
4	1457.62	5.23	1542.27	41.61	20.02	20.81
5	1462.90	10.51	1569.62	68.96	17.61	17.57

#### Model selection

Note. †: select class solution. AIC: Aikaike information criteria. BIC: Bayesian information criterion. Lower AIC/ BIC indicate the better fitting model. AIC/BIC difference  $\Delta$ : 0-2 weak evidence, 2-6 positive evidence, 6-10 strong evidence, and >10 very strong. G2: Likelihood ratio/deviance statistics.  $\chi^2$ : Pearson chi-square goodness of fit statistic.



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### **Estimated Class Conditional Probabilities**

		Probabilities
Variable	Class	Scoring Yes
Any suicidal thoughts or	1	.234
behaviour	2	.471
Any childhood trauma	1	.202
	2	.508
Any other mental health	1	.000
issues	2	1.000
Any physical health issues	1	.151
	2	.173
Any reported sexual interest	1	.786
in children	2	· <b>94</b> 7

- Class 2 (66.6%): ↑ needs across all indicators
  - Sexual interest in children: 79% (Class 1) vs. 95% (Class 2)



### **Outcome Analyses**

Variable	Class 1	Class 2			
	Mean(SD	), n/% ( n/N)	t/χ <sup>2</sup>	Cohen's d	
Age	46.28 (14.65), 99	42.28 (13.65), 194	2.31, p = .021	.29	
Referral source					
Self	74.7% (74/99)	68.6% (133/194)	5.48, p = .241	.26	
Family	6.1% (6/99)	11.3% (22/194)			
Police	12.1% (12/99)	8.2% (16/194)			
Helpline	5.1% (5/99)	6.7% (10/194)			
Others (e.g., social work)	2.0% (2/99)	5.2% (10/194)			
Offending Behaviour					
CSEM	87.9% (87/99)	83.0% (161/194)	2.13, p = .712	.15	
CSEM and contact	3.0% (3/99)	5.2% (10/194)			
Grooming	7.1% (7/99)	8.2% (16/194)			
Non-contact (excluding CSEM)	2.0% (2/99)	3.1% (6/194)			

Note. Likelihood ratio (LR)  $\chi^2$  test presented. Phi from LR test converted using d=2r $\sqrt{1-r^2}$ .

Class 1 (lower needs) were older, more likely to be self-referred, had more CSEM but lower contact offences than Class 2



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Class 2 (lower needs) had less concern about contact offence and more addiction issue (this despite having similar albeit more previous convictions and contact/grooming offence than Class 1)

Variable	Class 1	Class 2		
	Mean(SD), n/% ( n/N)		t/χ <sup>2</sup>	Cohen's
				d
Any previous sexual convictions	14.1% (13/92)	17.4% (27/155)	0.47, p = .494	.08
Relationship status <sup>a</sup>				
Single	34.3% (34/99)	45.0% (86/191)	4.43, p = .219	.24
Married/Partner	50.5% (50/99)	44.0% (84/191)		
Separated/Divorced	15.2% (15/99)	10.5% (20/191)		
Widowed	0.0% (0/99)	0.5% (1/191)		
Employment <sup>a</sup>				
Unemployed	9.1% (9/99)	18.9% (36/190)	7.83, p = .0496	.32
Student	6.1% (6/99)	5.8% (11/190)		
Employed	75.8% (75/99)	71.6% (136/190)		
Retired	9.1% (9/99)	3.7% (7/190)		
Concerns about thoughts (Yes)	13.5% (7/52)	10.2% (6/59)	0.059, p = .808	.10
Concerns about contact (Yes)	8.6% (5/58)	1.8% (1/56)	2.91, p = .088	Carleton
Additive it in dissippes ( ) ( ) presented. Phi from charge, if charge present on lile.	<b>LiPote8%n(6st/duvni</b> )g d=2r√1-	-r <sup>2</sup> . <sup>в</sup> Re <b>даціодз9ўў (проз/2466-3</b> mploym	ent st <b>9152</b> io <b>19</b> 0= .002	Carleton

#### What does this mean?

Heterogeneity across client exists Some (Class 2: higher need class) were significantly younger, were more likely to be unemployed, and had greater addiction issues than Class 1.

Although both classes were most often self-referred, Class 2 were more likely to be referred from family members than Class 1 who were more likely to be referred to by police.

Class 2 were less frequently worried about contact sexual offending (2%) compared to Class 1 (9%).



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### **Key Take Home Findings**

- Increase in higher-needs clients over time
- Clients are increasingly accessing services earlier after offending
- Typologies support tailored interventions in prevention programs
- Class 2 may represent harder-toreach population

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	2	·947

# **Implications**

- Trauma-informed approach
- Mental heath: responsivity issues.
- Program adaptations needed for complex-needs group
- Standardized, assessment battery is crucial
  - · Allows for harmonized evaluation frameworks across services.



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### Limitations

- Inconsistent and incomplete data recording
  - Missing data may distort prevalence of key characteristics in overall analyses
- LCA on low # of cases (n = 288) and only adequate indicator variable



#### **Proposed Data Recording Standards**

- Reconsider each variable and its function
- · Reconsider how much detail and differentiation is required
- Align variable selection with (1) tasks and (2) relevant literature
- Record yes/no where possible
- Record missing data as separate from absent variable
- If recording pattern change, add variables as opposed to changing definition of variables throughout
- Avoid string text where possible, only to provide highly relevant contextual information
- Provide coding manual and coding training, and offer coding calibration; engage in regular coding reliability checking
- Monitor missing data and database completion rates; Enable database to be completed at later date if initial assessment incomplete



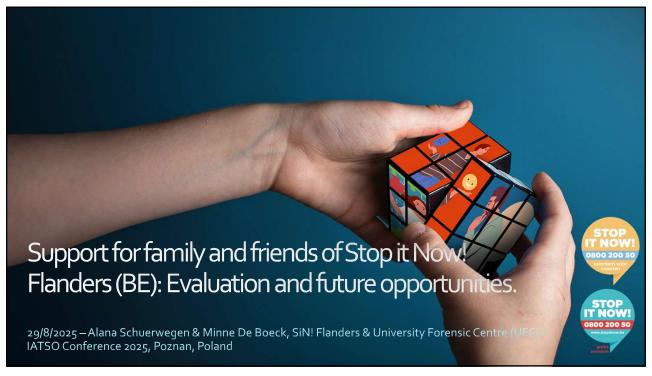
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### **Take Home Messages**

- One of the largest analyses of CSA prevention program clients (n = 828)
- Profiles of clients changed across time (more complex)
- LCA identified meaningful subtypes
  - One-fit-all approach is not ideal
  - Guide service development based on the profiles of your clients
- Reinforces need for improved data and evaluation standards





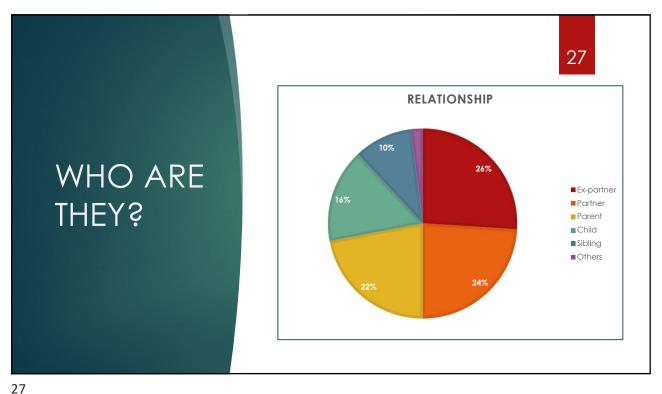




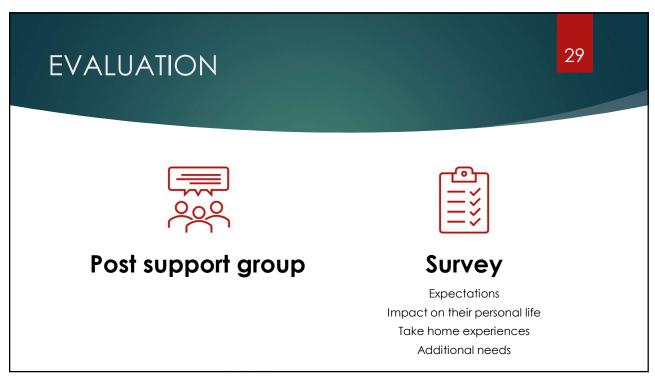




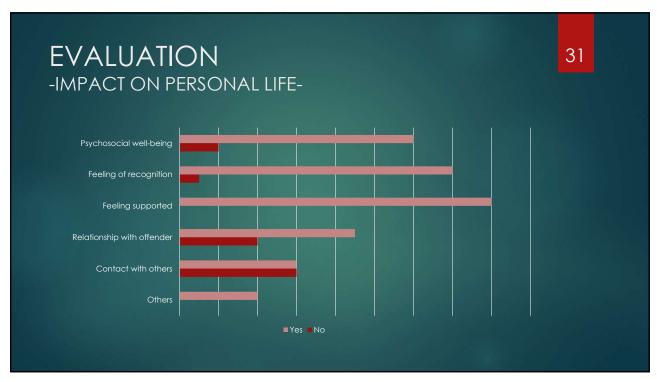




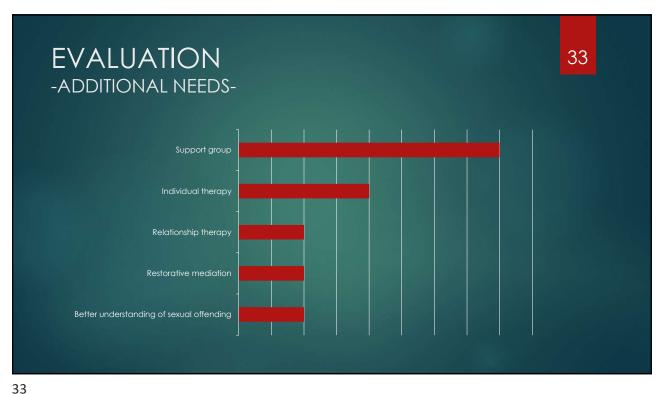


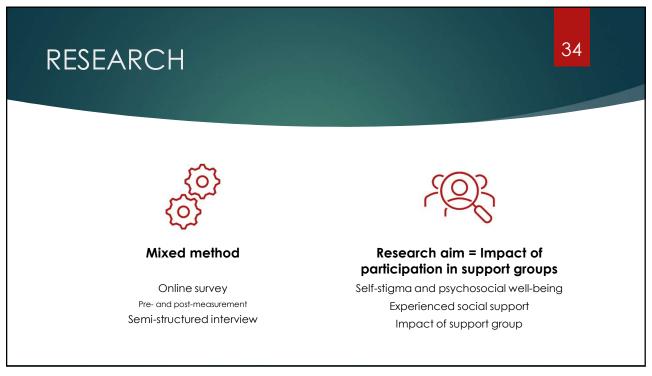


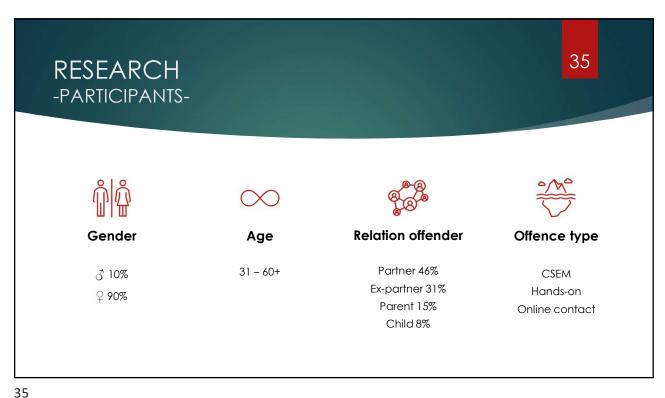


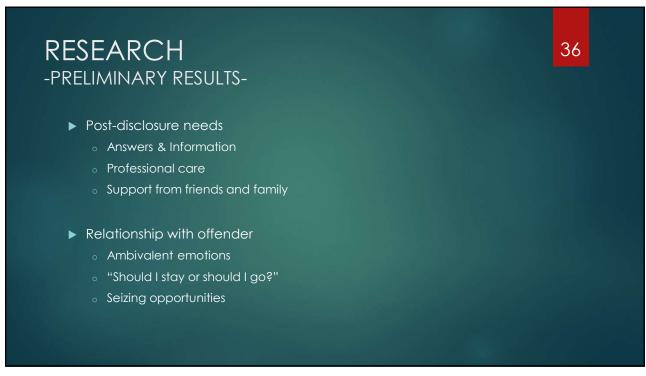






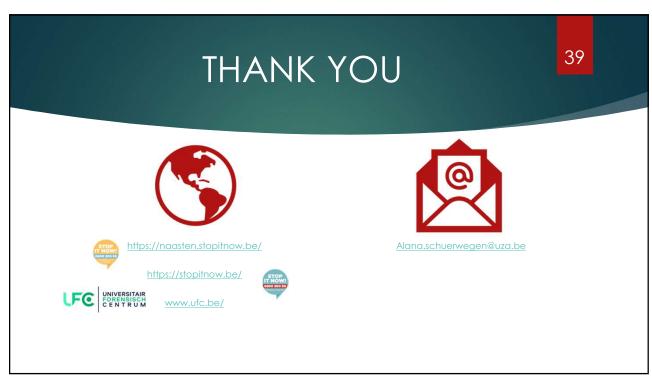


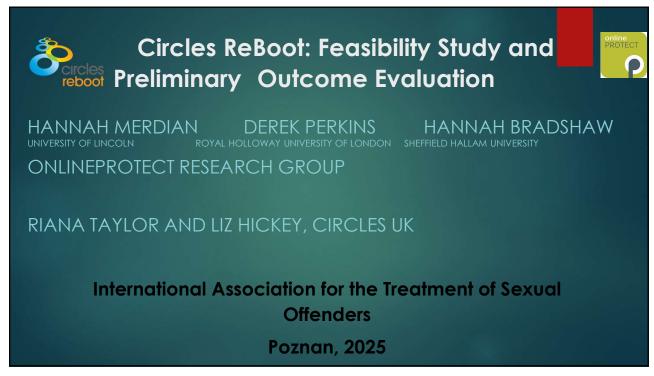






# CHALLENGES & OPPORTUNITIES 38 ▶ Practical organisation Online support group Active waiting list ► Financial insecurity & stability of the project Specific groups Children Parents Related to victim & offender





circles uk

#### What are Circles

- Circles of Support & Accountability (COSA) originated in Canada, now worldwide
- Quaker principles of restorative justice and community reintegration of those who have committed contact sexual offending.
- Trained, supervised Volunteers work as a group with individuals assessed as high risk of sexual harm (Core Member)
- The Circle offers supports over 12-18 months whilst holding the individuals accountable for their behaviour
- Evidence base of effectiveness in reducing sexual recidivism, e.g. Wilson, R. J., & McWhinnie, A. J. (2016).
- Adopted by UK Ministry of Justice in 2008 and operates in partnership with Police, Probation and MAPPA.

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### Why Circles ReBoot

- Escalation in online CSAM offences overwhelmed conventional law enforcement and treatment services
- Thousands of UK men per month major online sexual threat to children
- Most CSAM offenders are actuarially low risk, but numbers are vast
- Risk Need Responsivity principles -> shorter, lighter touch approach
- ReBoot focuses on building strengths and working towards achievable goals to support desistance and community reintegration
- recognise strengths encourage self-efficacy build resilience overcome obstacles optimise wellbeing twelve sessions

#### ReBoot pilot recruitment and operation

- Over 18, CSAM conviction, recruited mainly through police and probation
- Most Coordinators and Volunteers previous experience of 12 months COSA
- Reboot offers 12 sessions over 6-month with a more structured format, focused on fostering skills and developing achieving (pro-desistence) goals.
- The Core Member (CM) is the expert on themselves; no-one is teacher but rather a joint working group.
- CMs work on specific goals between each meeting. Tools are introduced which the CM can use and practice in their daily life.
- CM feedback and reflection on progress at each meeting is crucial → amend / refine goals and strengths.

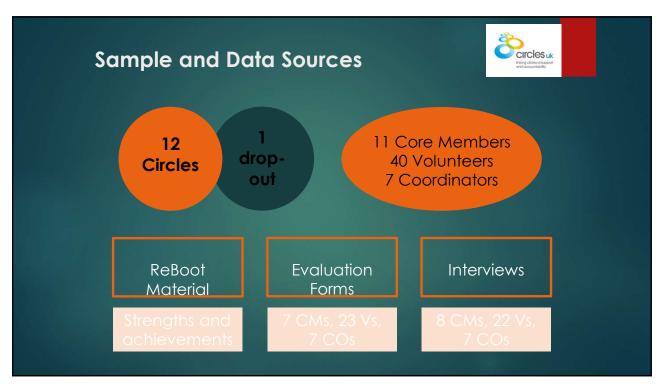
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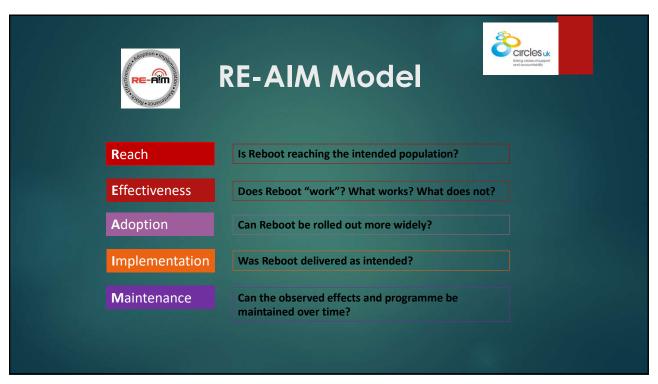
#### **ReBoot Session Overview**

Everyone introduced to Keys for Change (Liz Hickey) to help CMs work towards their (pro-desistence) goals

- 1. Beginnings
- 2. Recognising Strengths
- 3. Introduction to Goal Setting
- 4. Me and My Goals
- 5. Identity: Who Am I in all This?
- 6. Different Point of Views

- 7.Getting Out of my Comfort Zone
- 8. Self-Awareness: How I Cope with Difficult Thoughts and Feelings
- 9. Being in the Moment
- 10. Building Resilience
- 11. Sustaining Change
- 12. Unlocking the Future





### **Outcome and Future developments**

- ▶ Positive outcomes, only tentative results for maintenance
- ▶ Slight modifications to the sessions content
- ▶ More 'get to know you' time with volunteers
- ▶ More gradual fade out at the end
- ▶ Opened to slightly higher risk individuals
- ▶ Theory of change model developed
- ▶ Longer term evaluation with control groups

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### Some quotes

"The last thing I was expecting to get out of it was confidence, which is something I haven't had my whole life and I'm actually really confident after this whole course" — Core Member

"I think any time spent supporting a person who's isolated and just opening up that bubble that they're in and putting some oxygen in there is just such a powerful thing" – Circles ReBoot Volunteer

