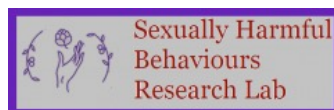


For slides:

S-23: Non-consensual Sharing of Sexual Materials Sent Through Sext:

How Different Is It From Offline Sexual Coercion?

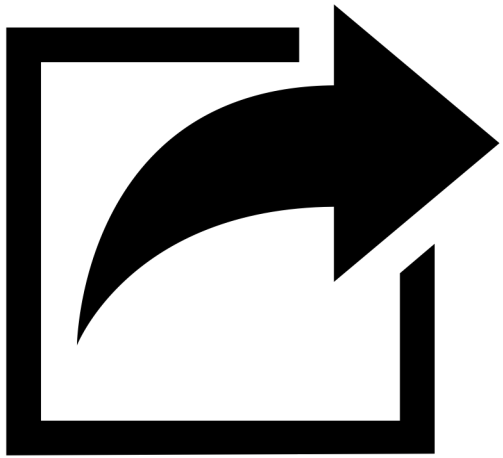
Symposium Chair: Kelly M. Babchishin



Saturday Sept. 30th, 2023
3PM-4:30PM

42nd ATSA conference,
Aurora Colorado

Non-consensual sharing of sexual materials



- Illegal in many countries
 - E.G.: Canada, Germany, UK, US (50 states, including Colorado)
- Will start emerging in caseloads

Nonconsensual Sharing of Sexual Materials



- How different are those with online sexually harmful behaviours such as the non-consensual sharing of sexual materials differ from those with prototypical, offline sexual offences?
- New phenomenon or same but different mode of offending?

Questions to be answered in our symposium



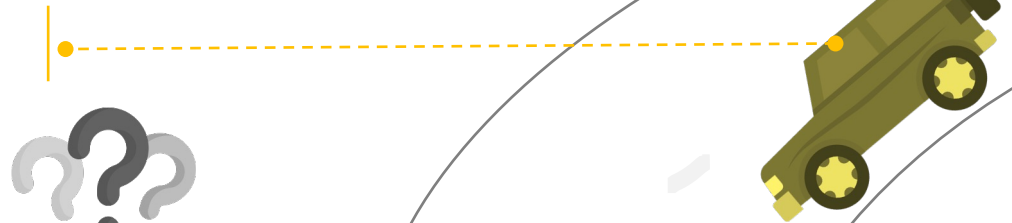
- How common is non-consensual sharing of sexual materials?
- How much overlap is there between those who commit virtual vs. in person sexual offences?
- Are there differential predictors?

Symposium's Roadmap

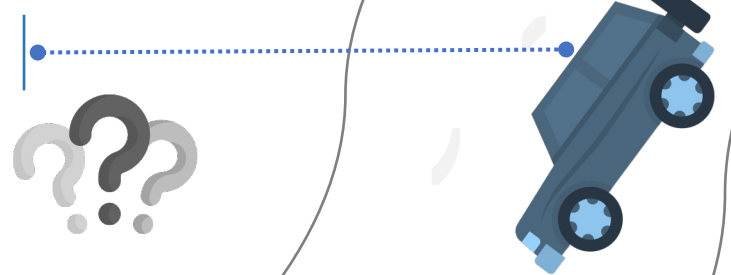


For slides:

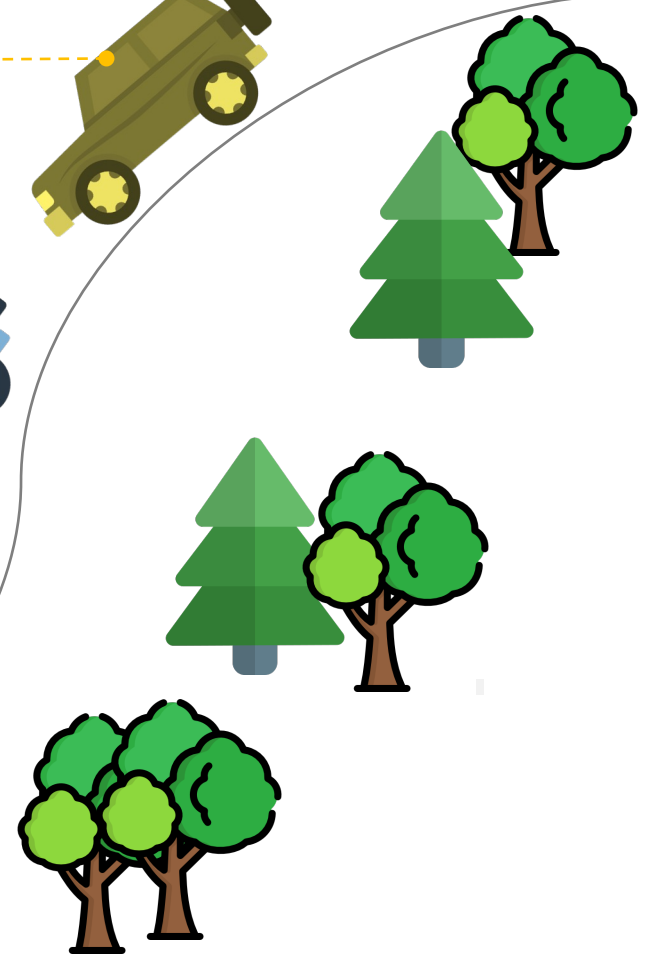
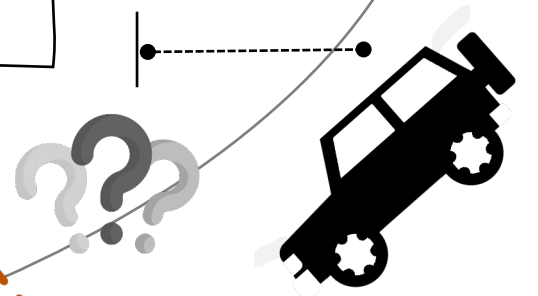
Emma J. Holmes



Serra Baskurt



Gabriella Hilkes



Exploring rates and characteristics of the non-consensual sharing of sexual materials

Emma J. Holmes (emmajholmes@cmail.carleton.ca)

Gabriella Hilkes, & Serra Baskurt

September 30, 2023



Sexually Harmful
Behaviours
Research Lab

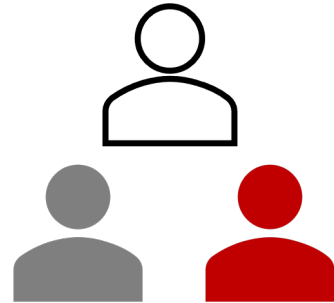


Learning outcomes

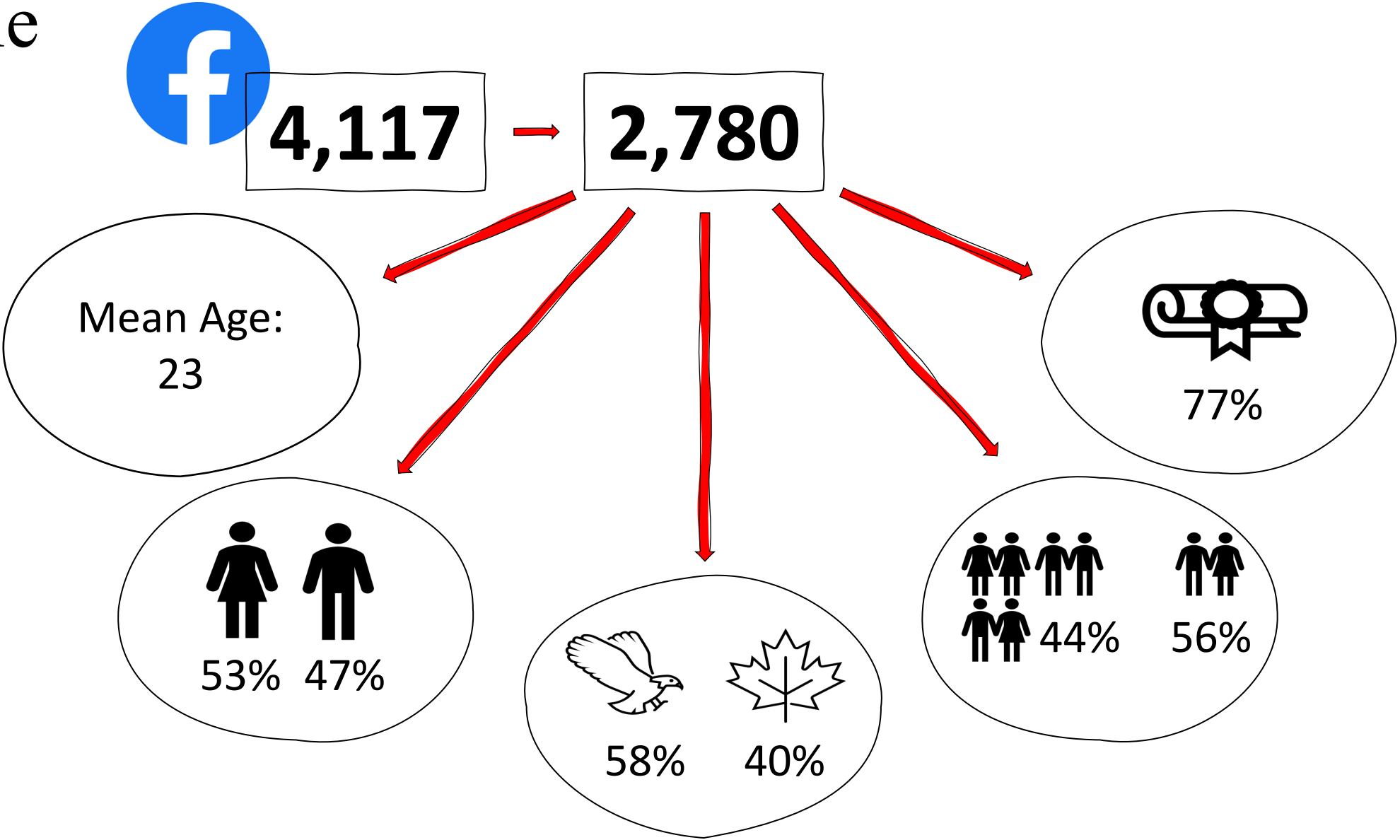
- Who forwards non-consensual sexts more often, men or women?
- What proportion of our sample had participated in the non-consensual forwarding of sexts?
- What was the most common reason for forwarding a non-consensual sext?



Study aims



Sample



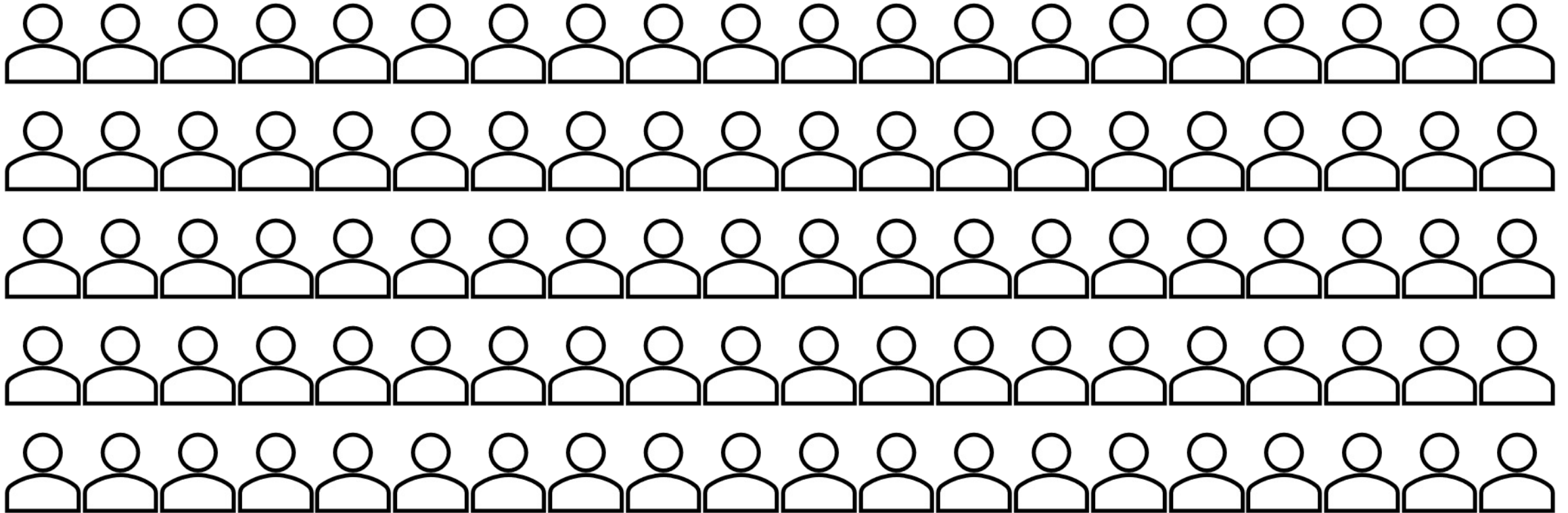
Prevalence of In-person Perpetration ($N = 2,780$)

I **fondled, kissed, or rubbed** up against the private areas of someone's body (lips, breast/chest, crotch or butt) or removed some of their clothes **without their consent** (but did not attempt sexual penetration).

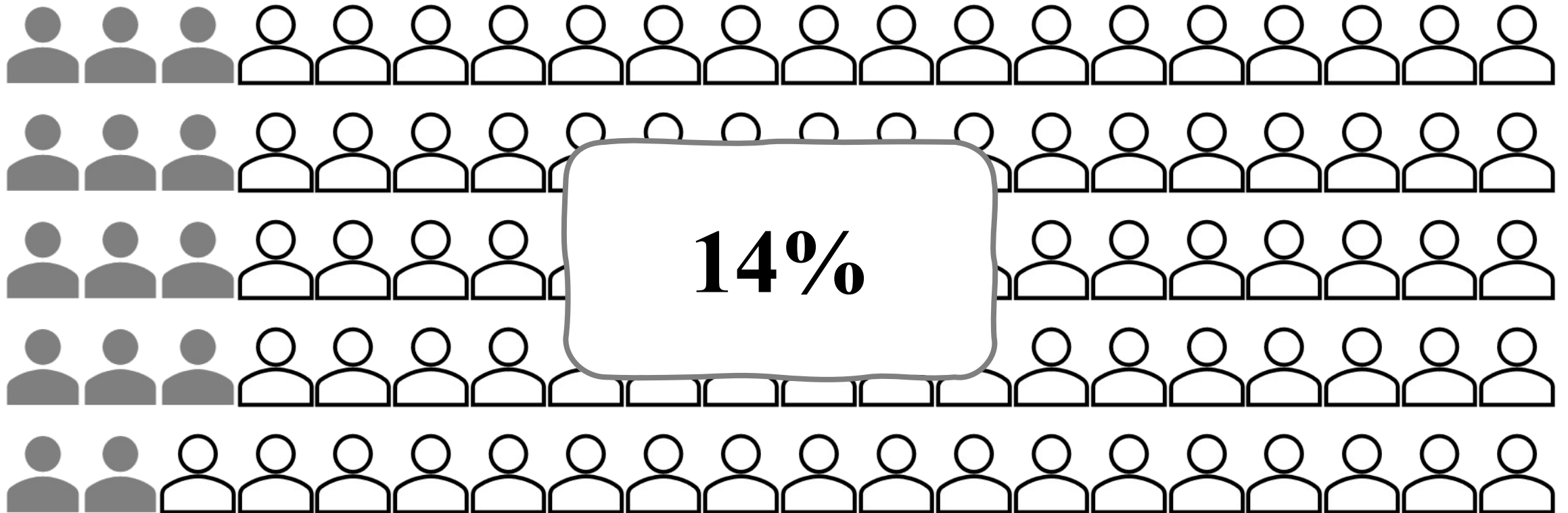
I tried or did have **oral sex** with someone, or tried/had someone perform oral sex on me **without their consent**.

I tried to or did **put my penis, my fingers, or objects into a person's vagina and/or anus**, or tried/had someone put their penis, fingers, or objects into my vagina and/or anus **without their consent**.

Prevalence of In-person Perpetration ($N = 2,780$)



Prevalence of In-person Perpetration ($N = 2,780$)

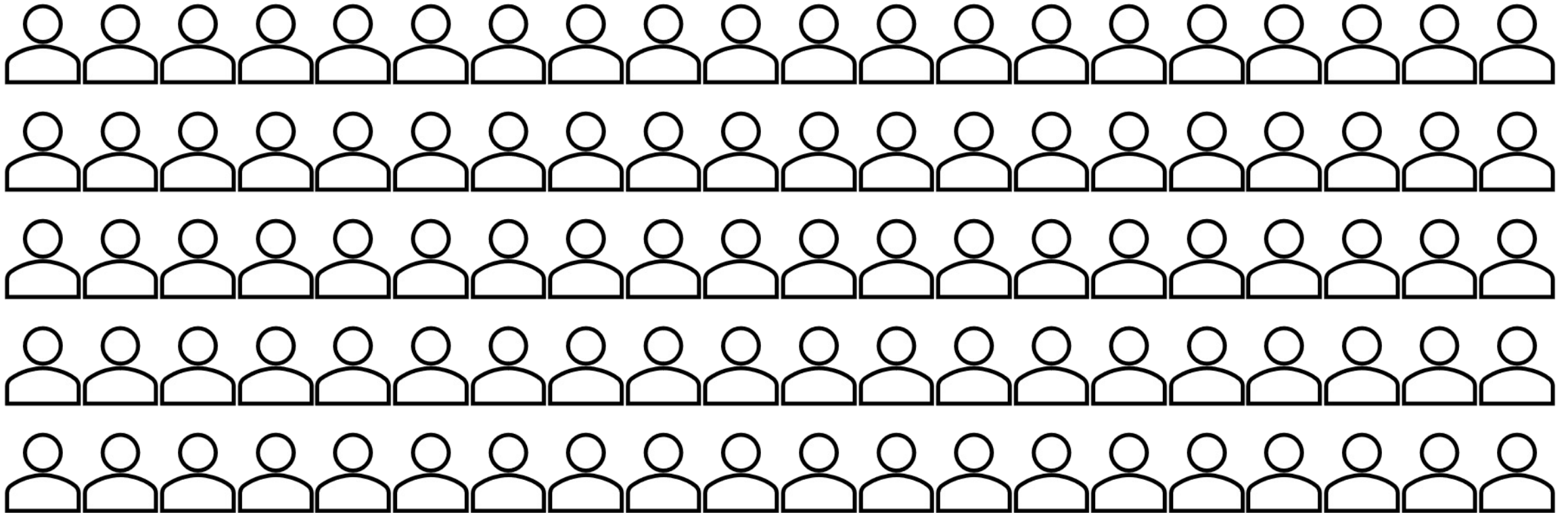


Prevalence of Virtual Perpetration ($N = 2,780$)

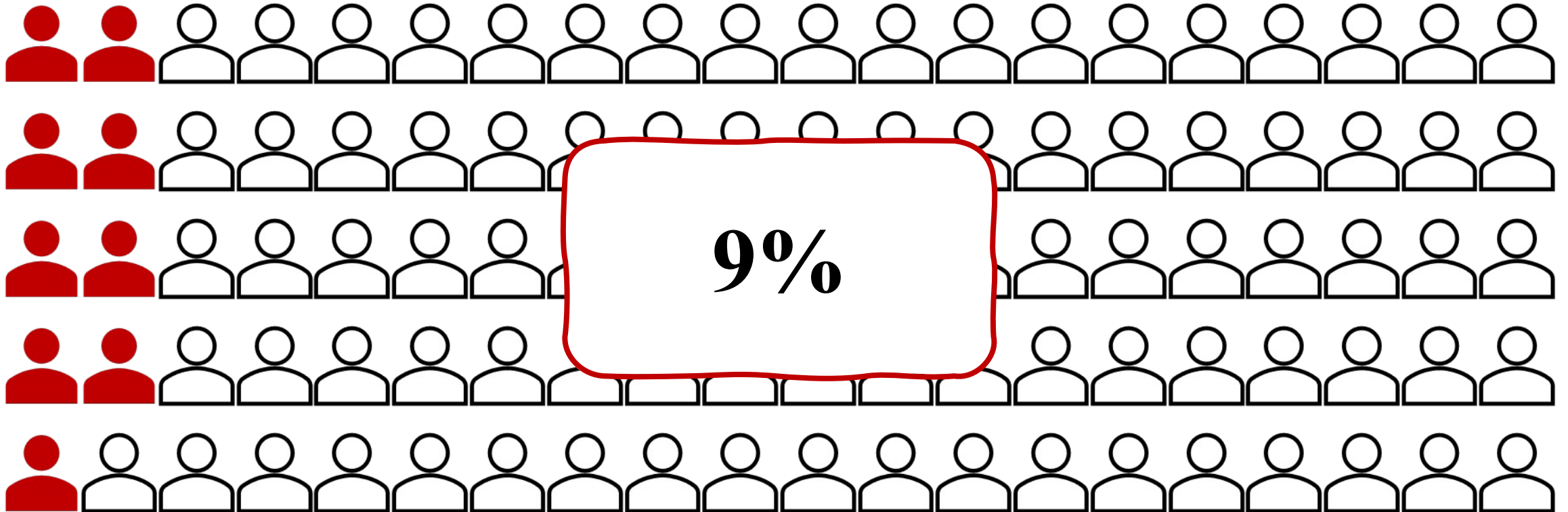
“ Have you ever shared, forwarded, or uploaded **without permission**, a sexually suggestive **nude** image/video you were sent with someone else?

Have you ever shared, forwarded, or uploaded **without permission**, a sexually suggestive **semi-nude** image/video you were sent with someone else? ”

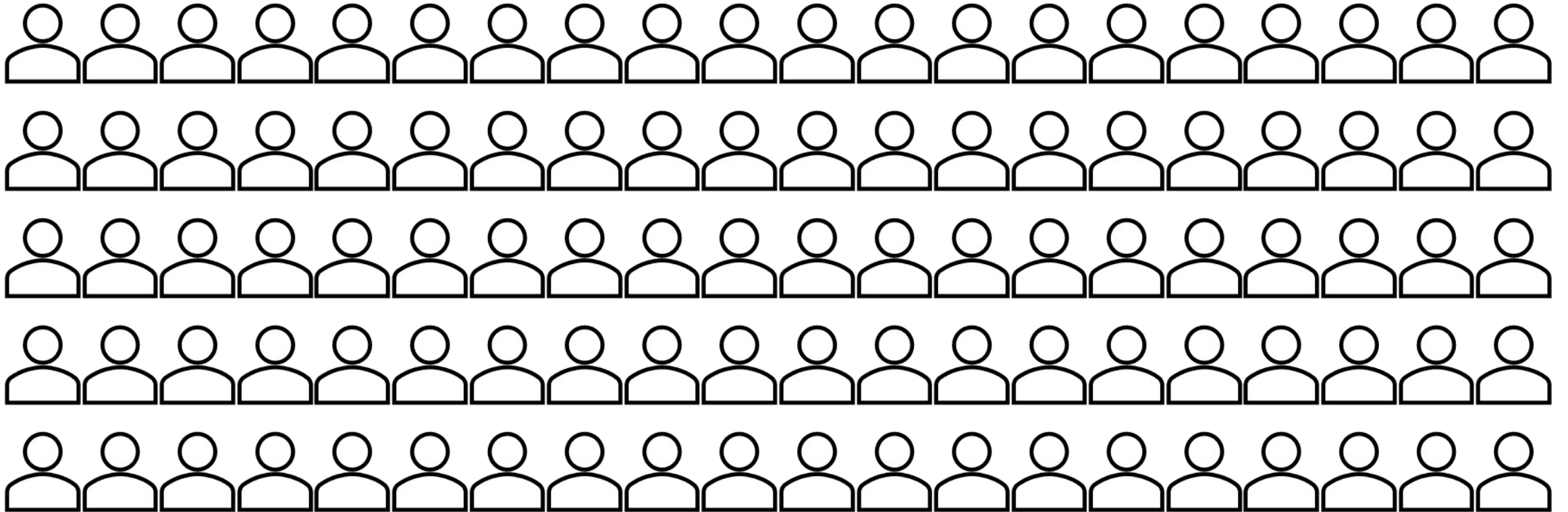
Prevalence of Virtual Perpetration ($N = 2,780$)



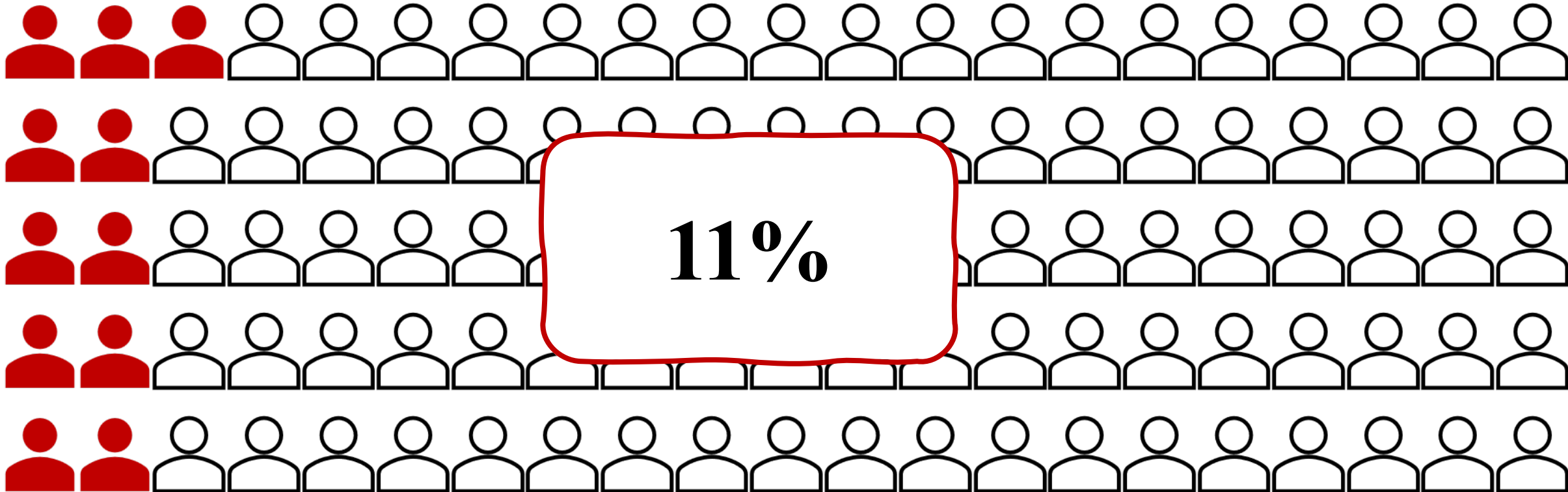
Prevalence of Virtual Perpetration ($N = 2,780$)



Prevalence of Virtual Perpetration ($N = 2,427$)

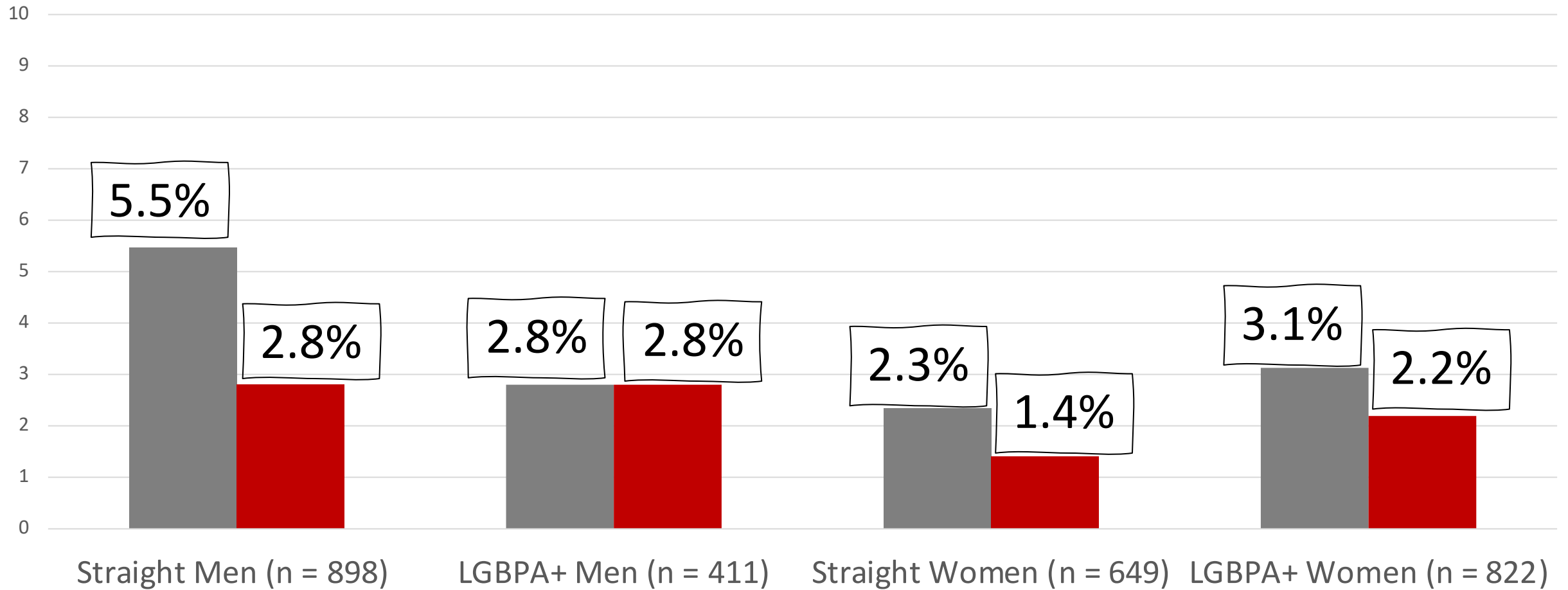


Prevalence of Virtual Perpetration ($N = 2,427$)



Prevalence Separated by Gender and Sexual Orientation ($N = 2,780$)

■ In-person perpetration ■ Virtual perpetration



Why was the image shared?



7%



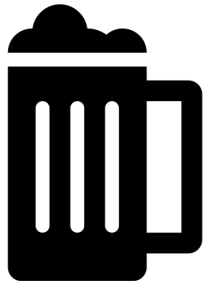
26%



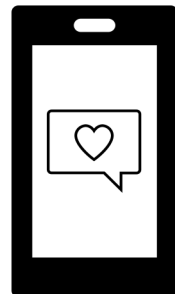
32%



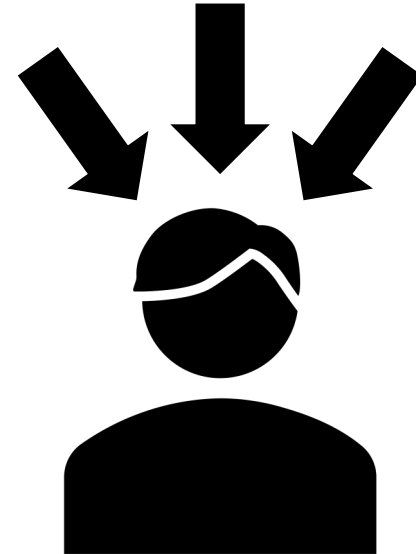
38%



42%

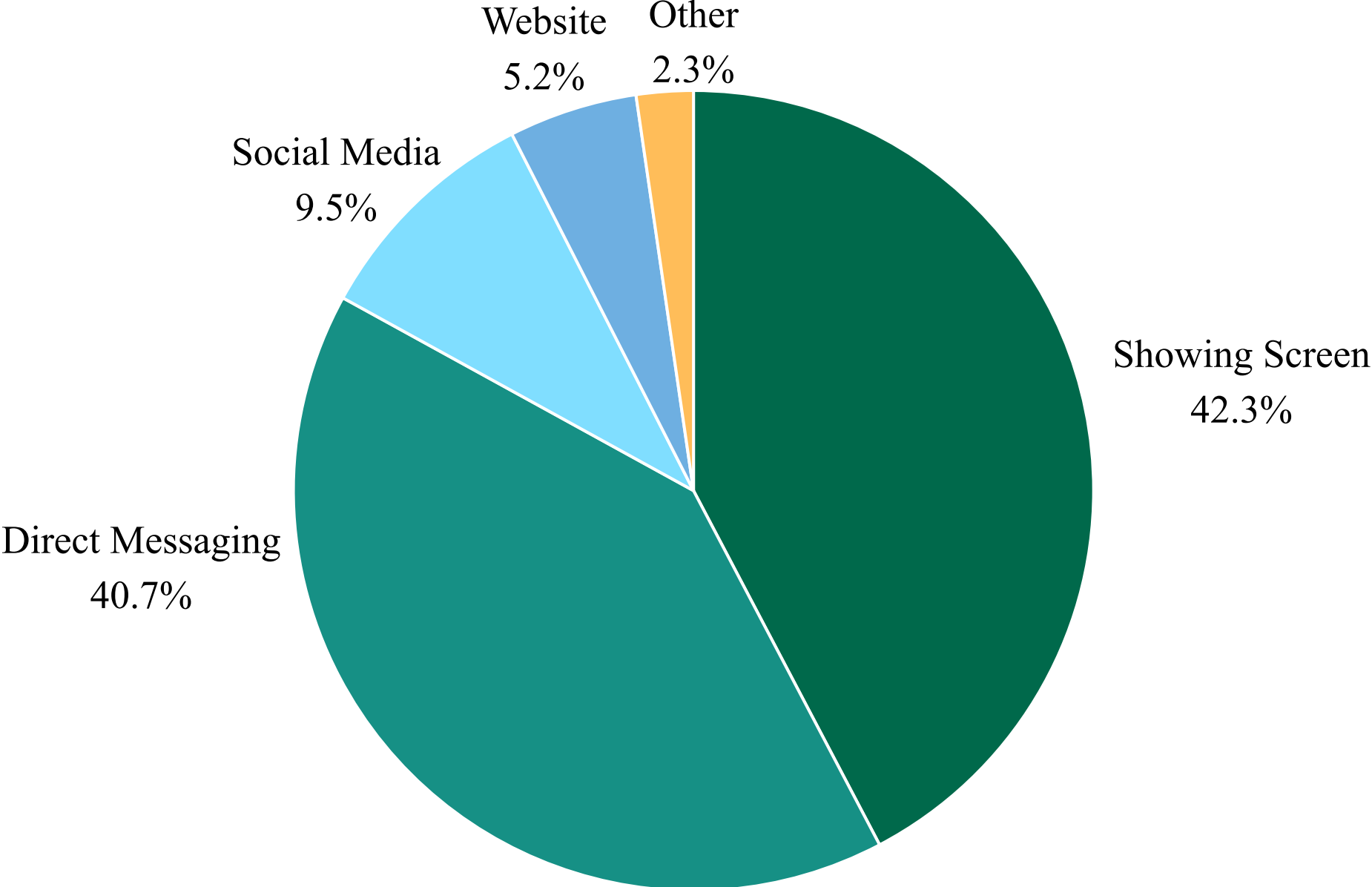


62%

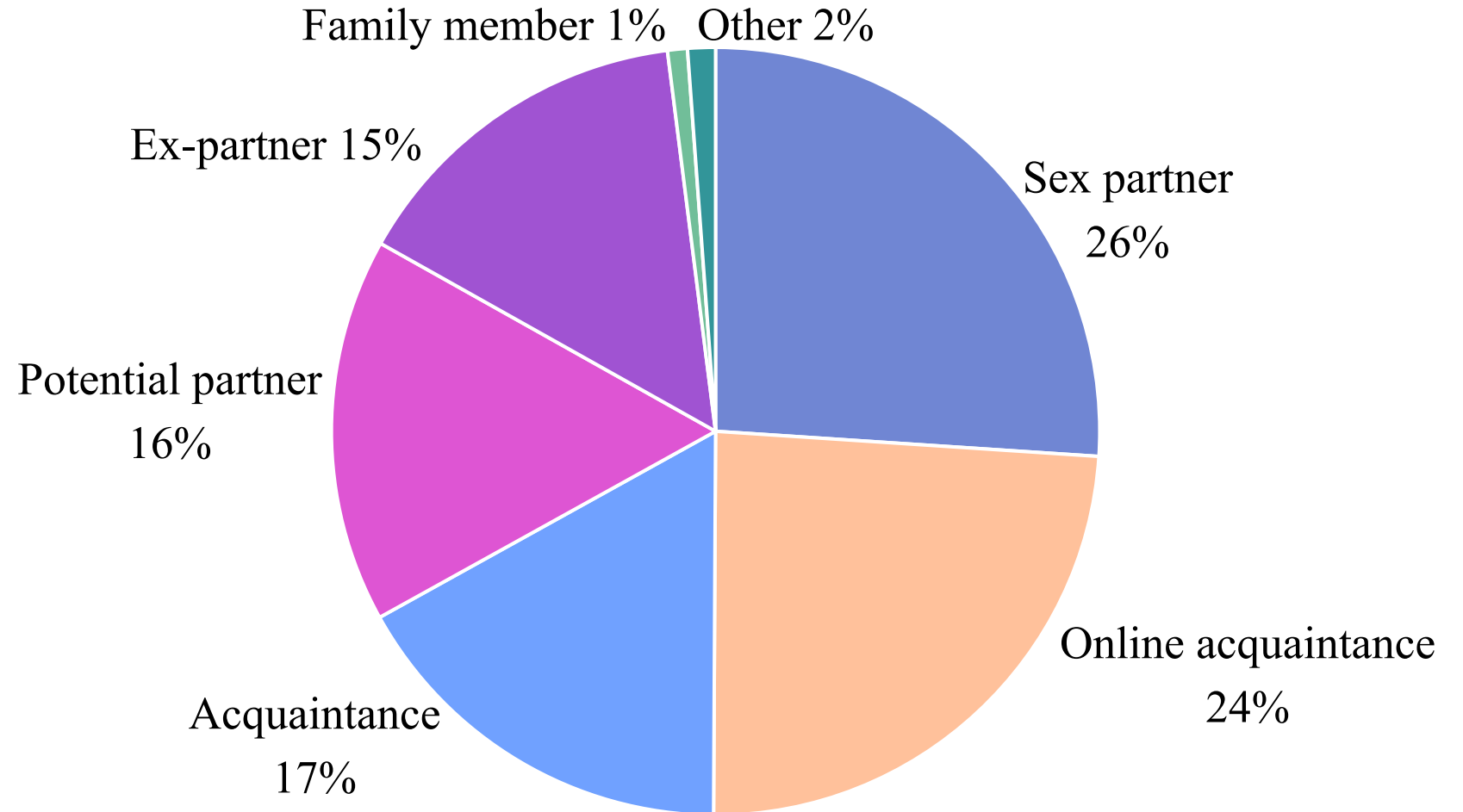


82%

How was the image shared?



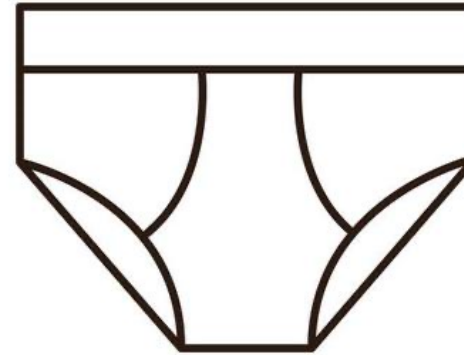
Characteristics of the Images



Are victims typically nude, or semi-nude?

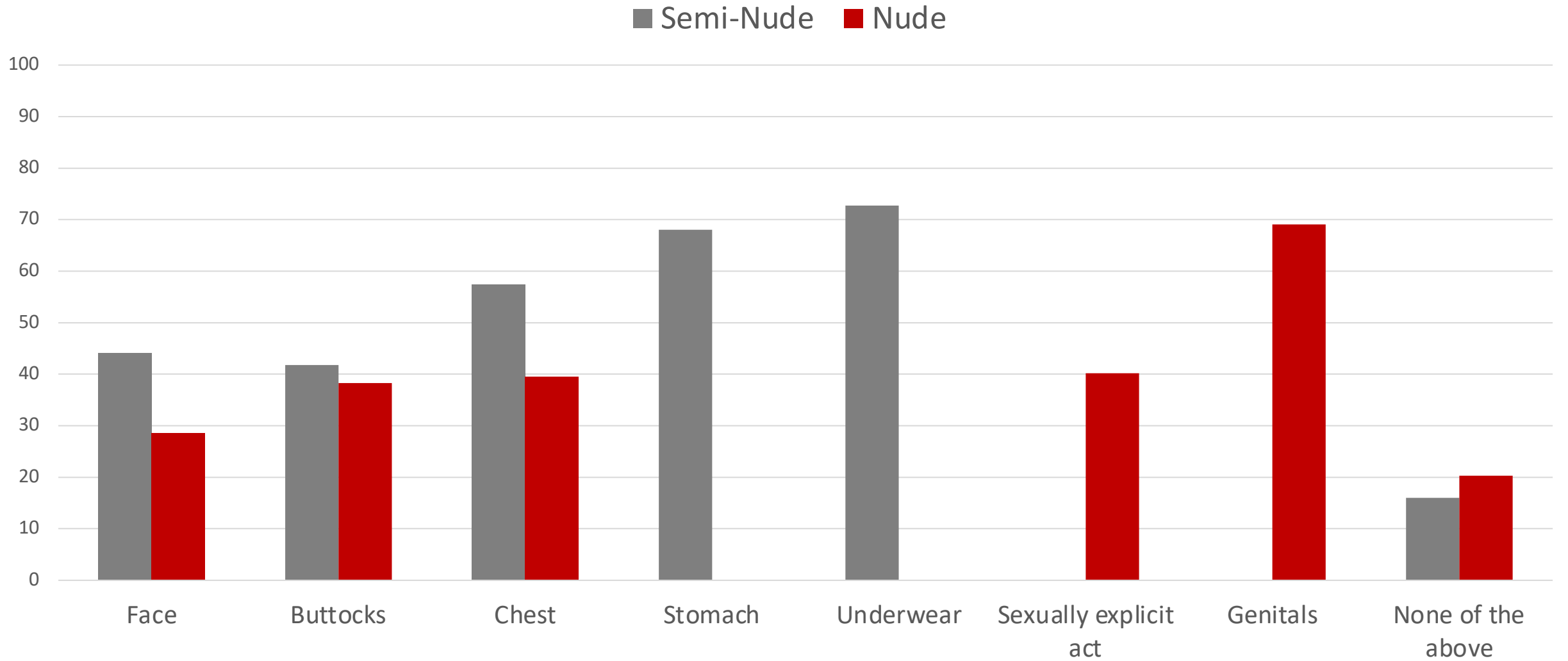


47%



53%

What body parts are shown in these images?





Discussion

- Consistency with past research:
 - Prevalence of virtual perpetration
 - Prevalence separated by gender and sexual orientation
 - Virtual
 - Straight: 4.2%
 - LGBPA+: 5.0%
 - In-person
 - Straight: 7.8%
 - LGBPA+: 5.9%
 - Women: 5.4%
 - Men: 8.3%



Discussion

- Consistency with past research:
 - Prevalence of virtual perpetration
 - Prevalence separated by gender and sexual orientation
- **Notable findings:**
 - **Outside influence seems like a key motivation**
 - **Frequency of victim nudity**
 - **Similarities and differences between the characteristics of perpetrators'**
 - **Men and women equally victimized**



What next?

Are virtual and in-person
perpetrators meaningfully
different?

Thank you for your attention!

Any questions?

For slides



Answers to learning objectives:

1. Men
2. 9%
3. Outside influence



Emma J. Holmes, Gabriella Hilkes, & Serra Baskurt
September 30, 2023



Sexually Harmful
Behaviours
Research Lab

Is it different? The overlap between in-person and virtual sexual coercion

Serra Baskurt (serrabaskurt@cmail.carleton.ca)

Emma J. Holmes & Gabriella Hilkes

September 30, 2023



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Learning outcomes

- Which group has a greater degree of overlap with the other, virtual or in-person?
- Men have a greater degree of overlap compared to women. True or false?
- Both types of perpetrators use similar sharing platforms for forwarding sext. True or false?



Study Aims

1

Group overlaps

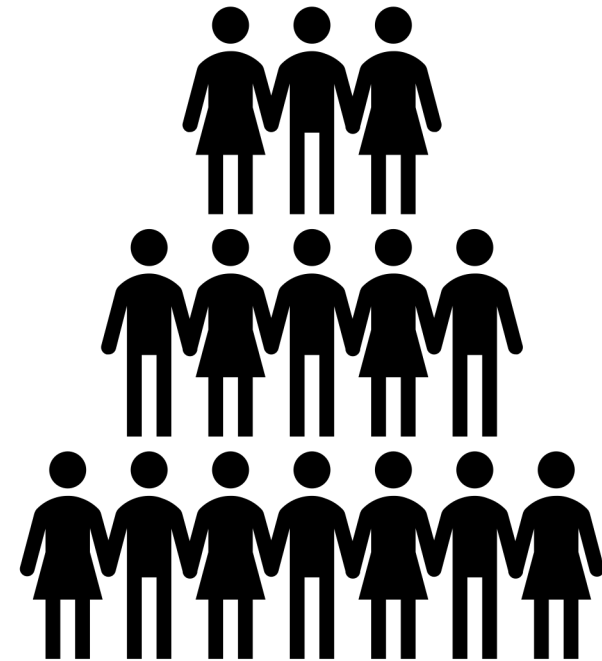
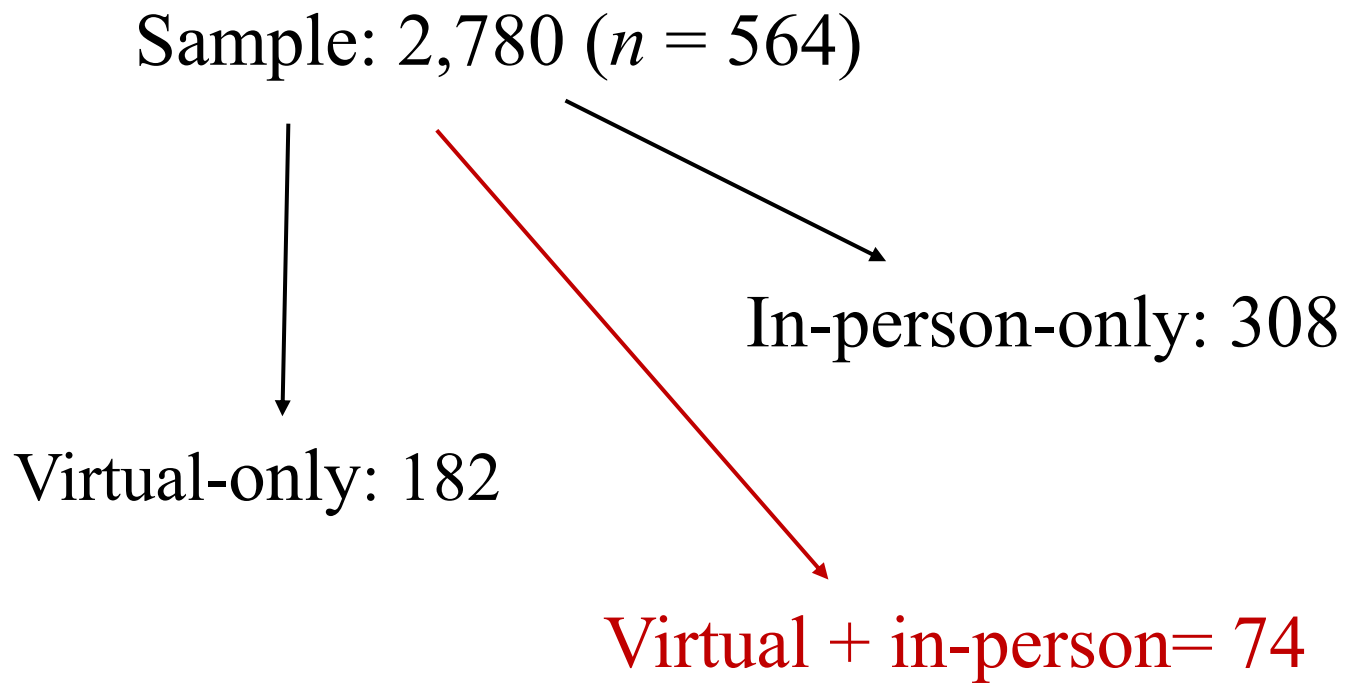
2

Sharing platforms

3

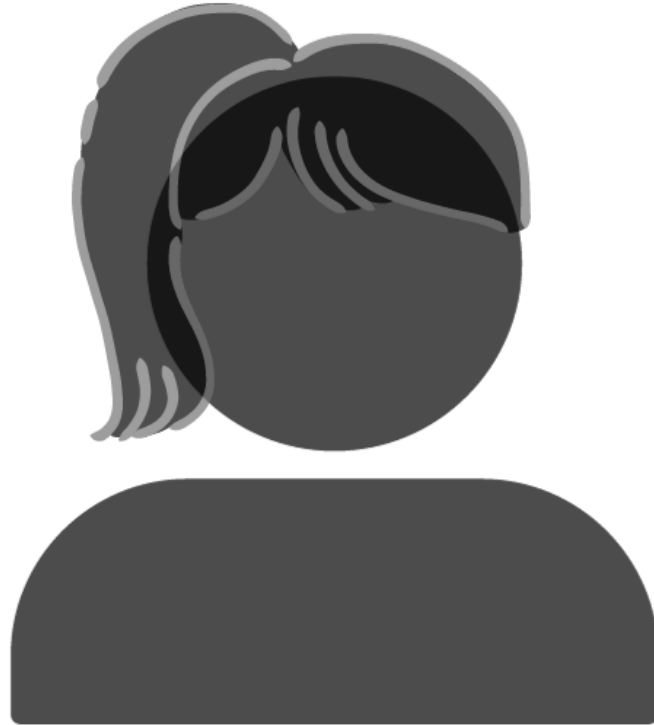
Reasons for sharing

Method

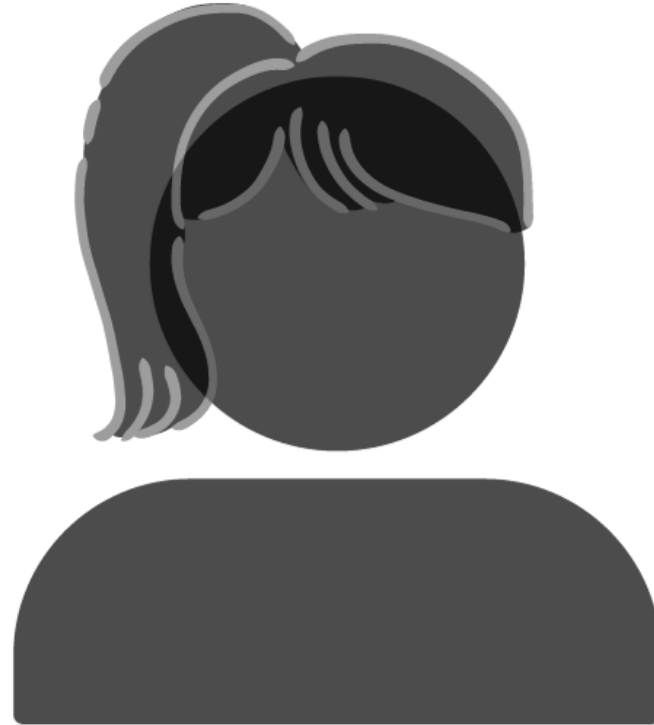


Concordance Index versus Overlap

VIRTUAL



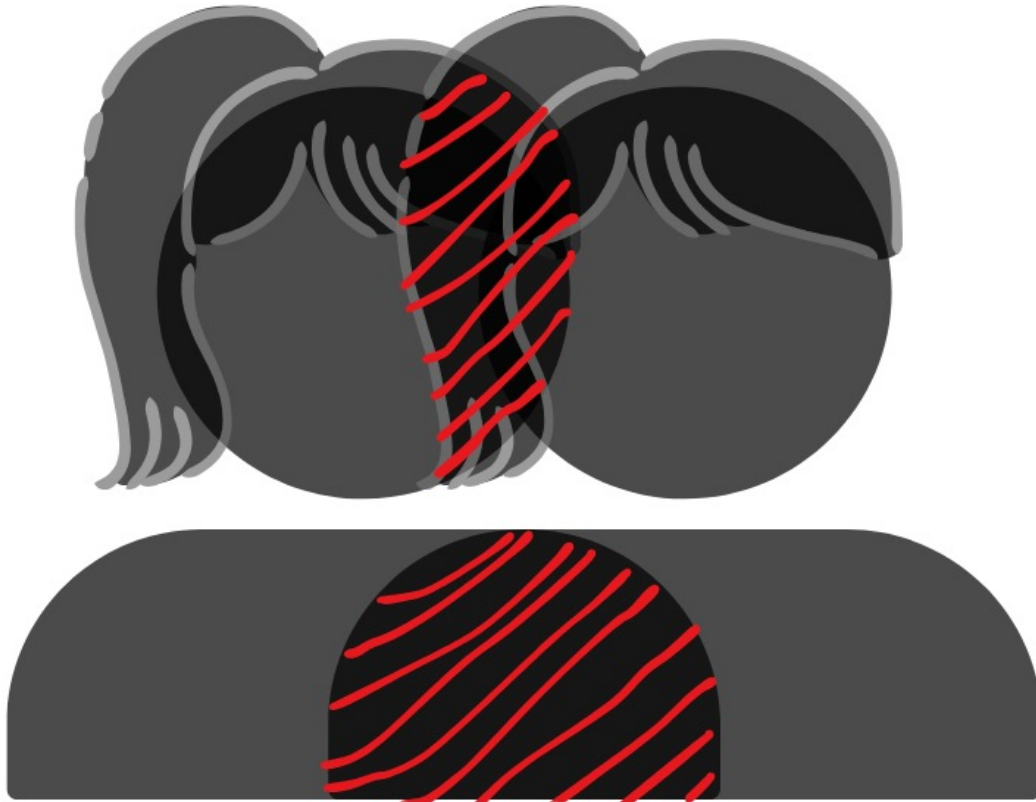
IN-PERSON



Concordance Index versus Overlap

VIRTUAL

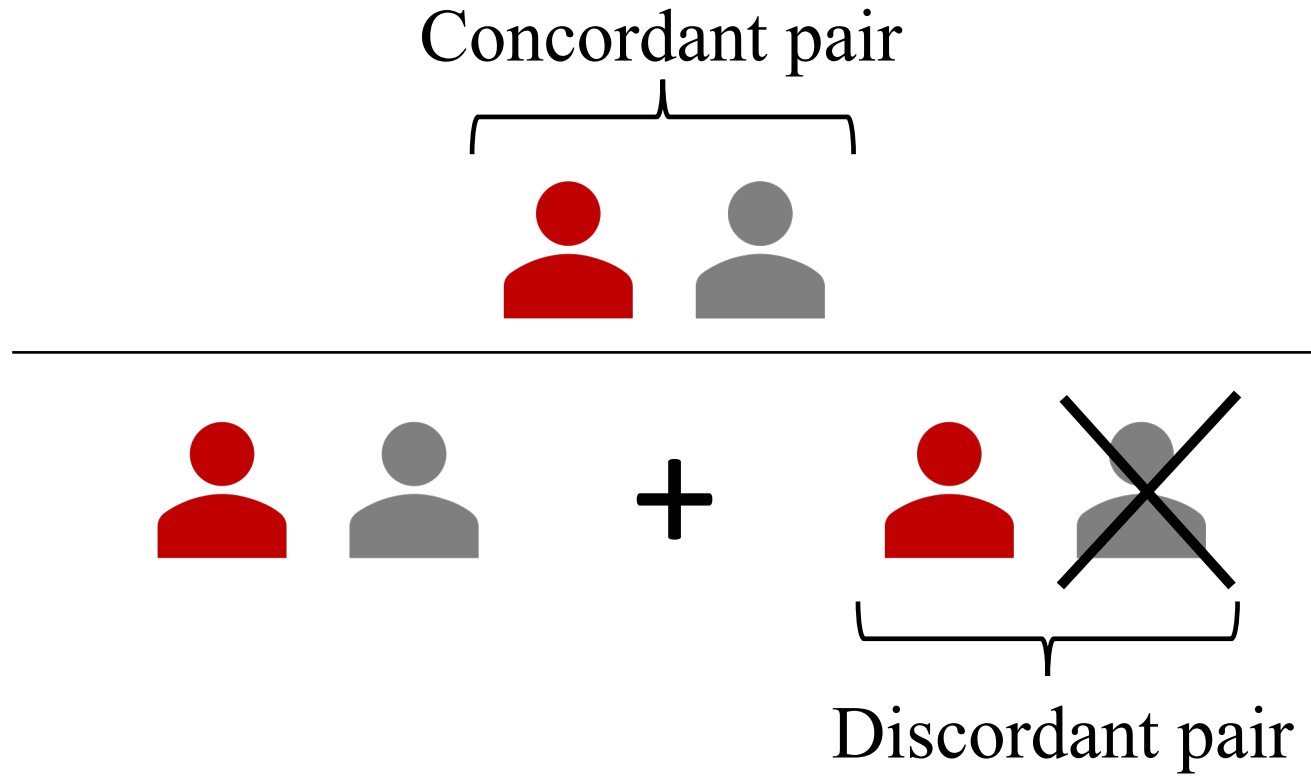
IN-PERSON



Overlap

Total sample

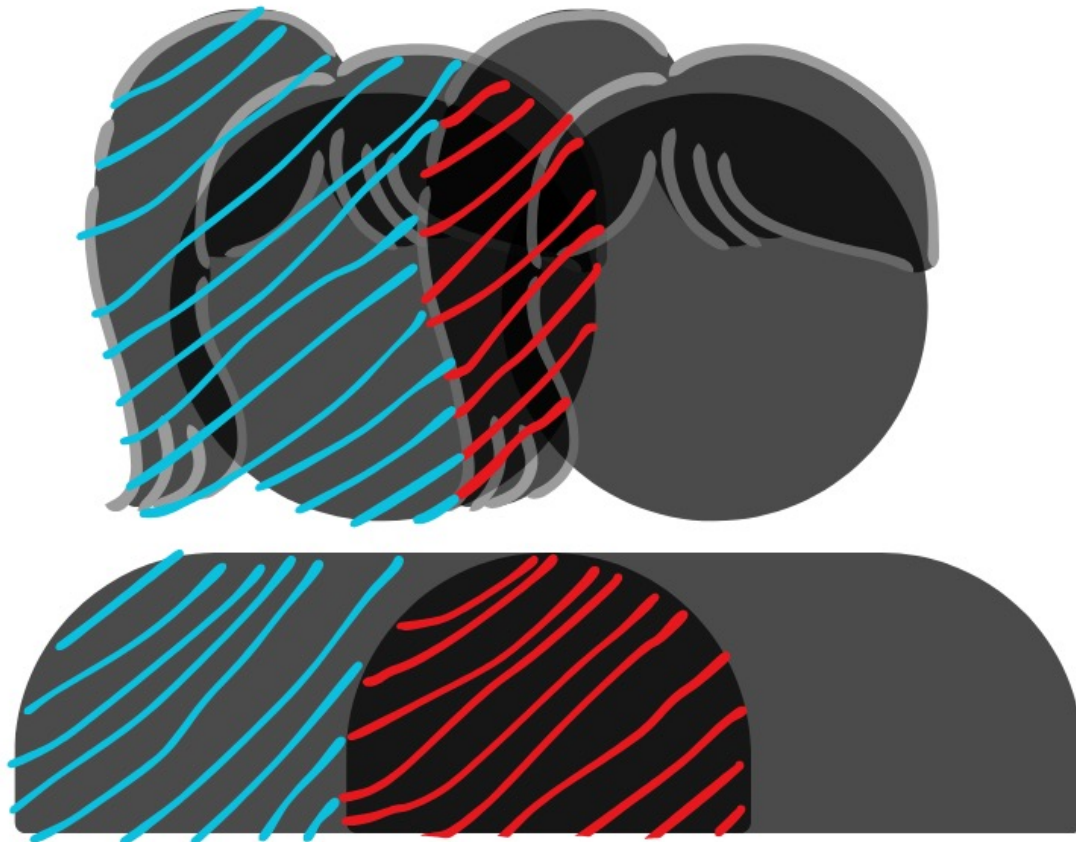
Example: Virtual and in-person



Example: Virtual and in-person

VIRTUAL

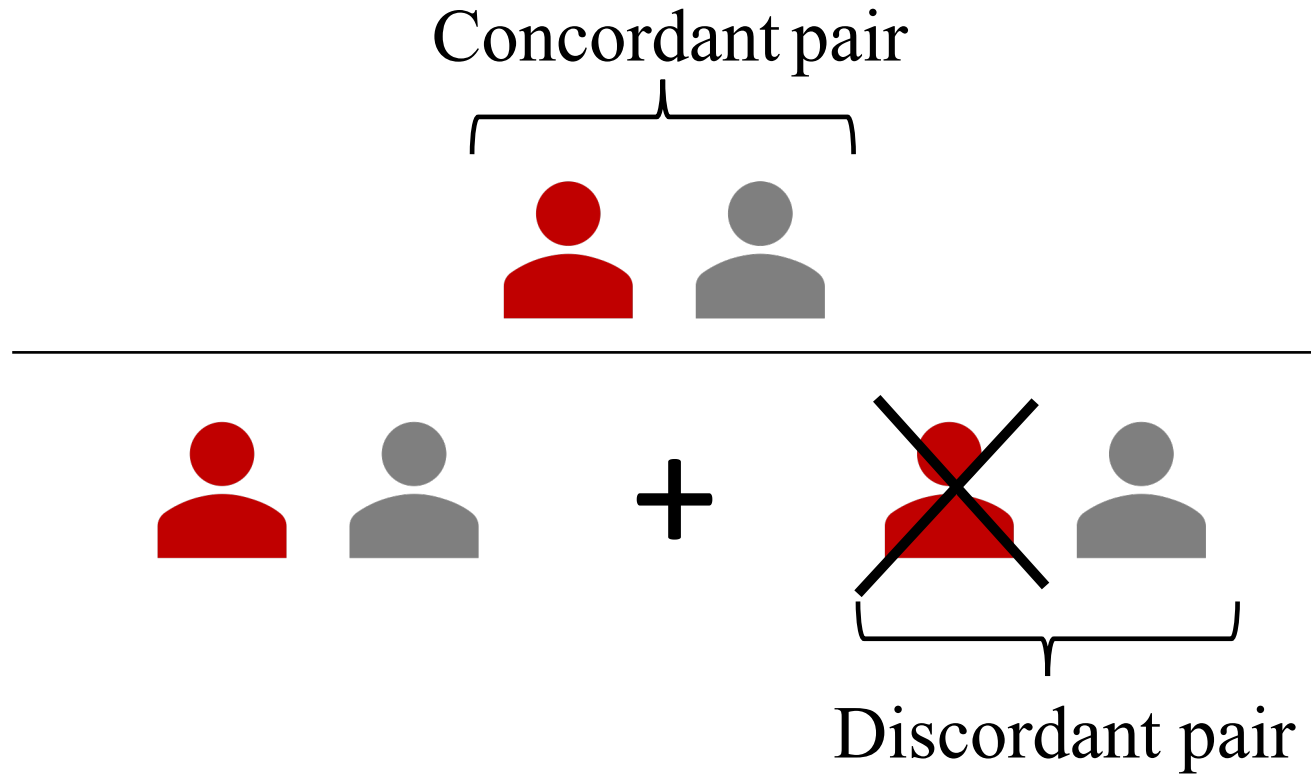
IN-PERSON



Overlap

Overlap + remaining people in
our 'focus' group

*Example: In-person and **virtual***



Example: In-person and Virtual

VIRTUAL

IN-PERSON



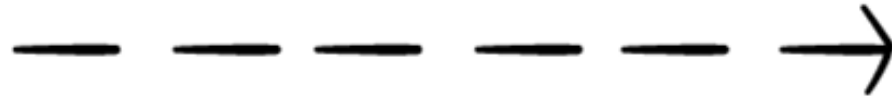
Overlap

Overlap + remaining people in
our 'focus' group

Concordance Benchmarks

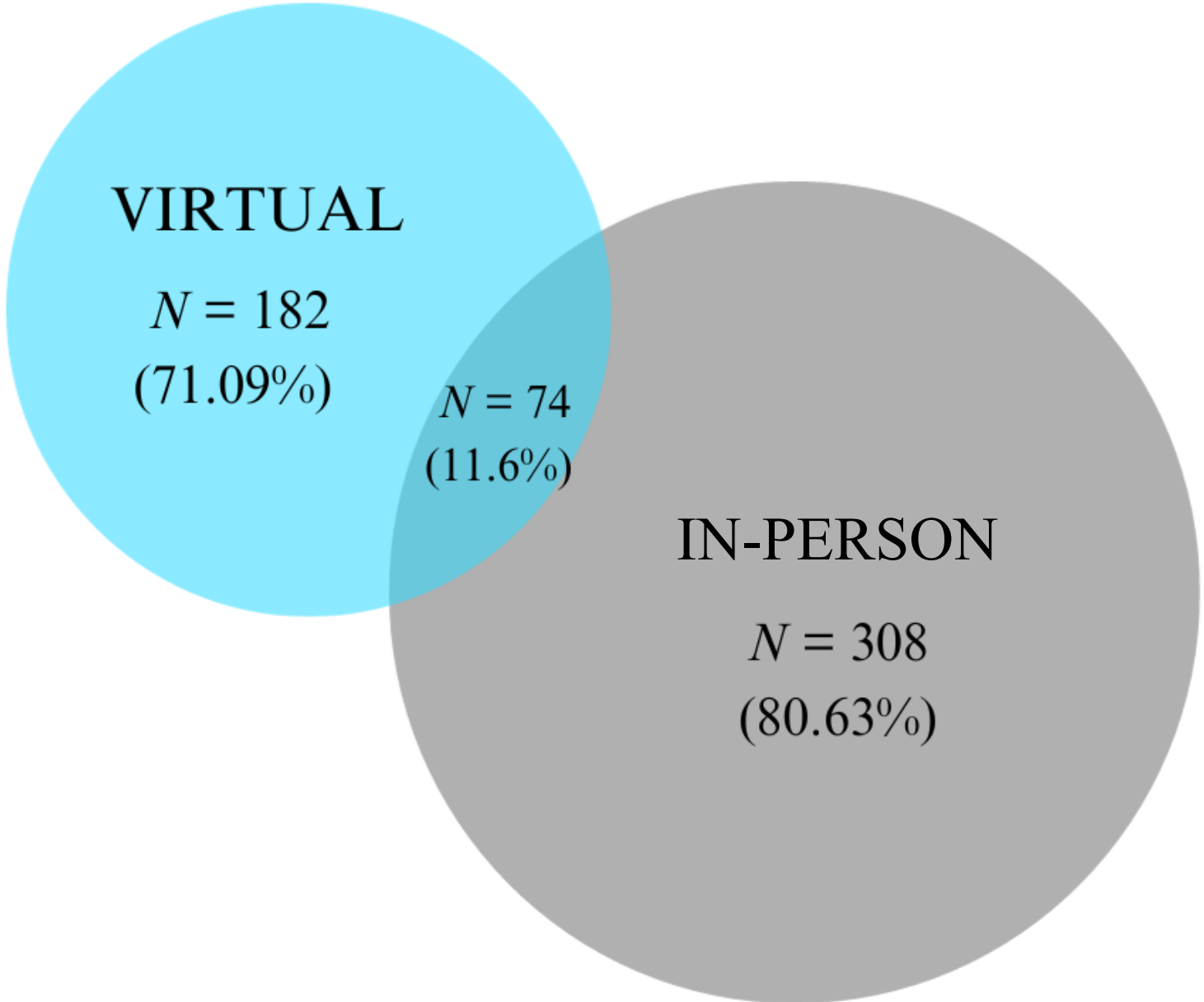
Concordance Index

0



1

The Degree of Overlap



VIRTUAL

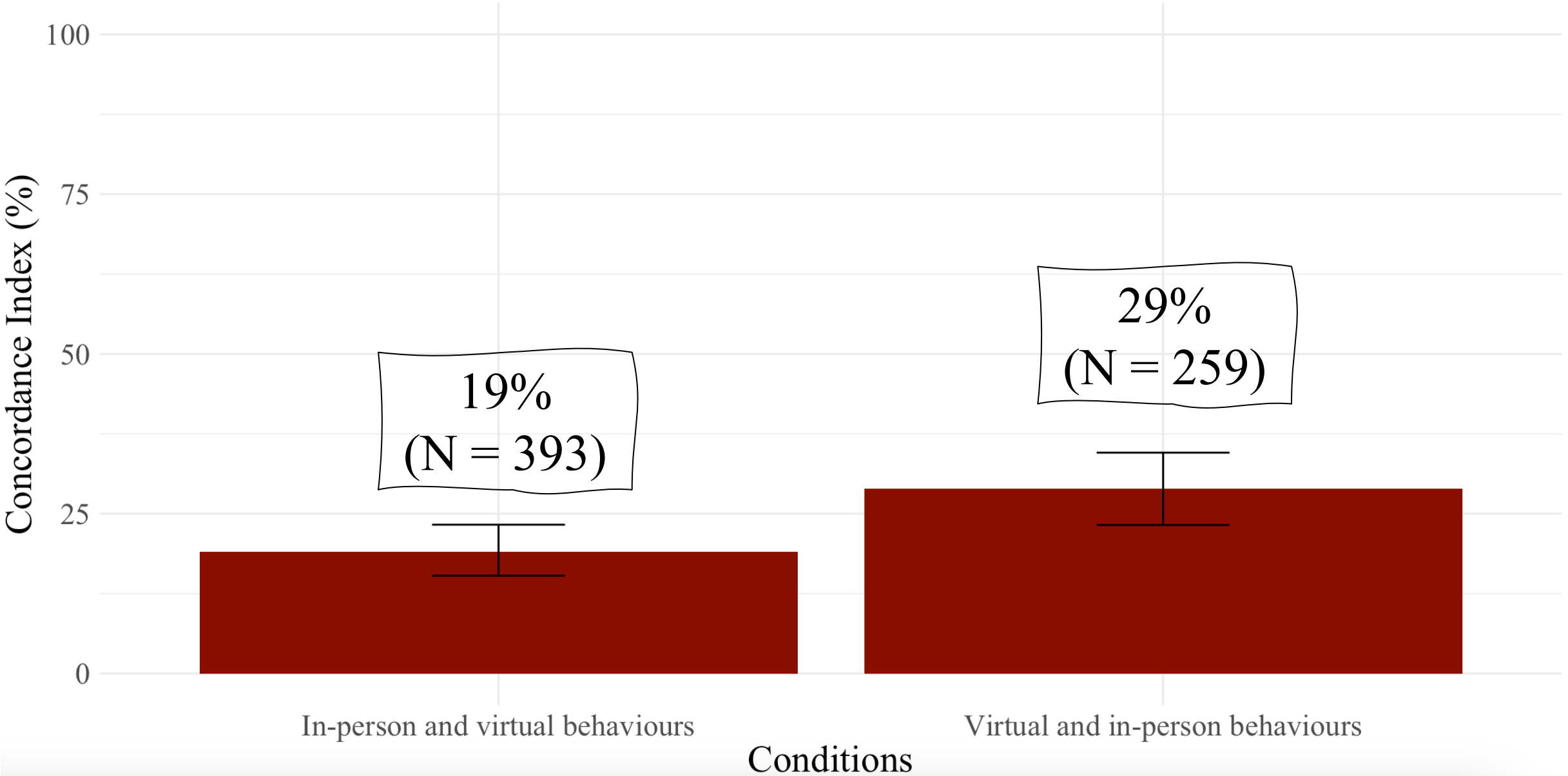
N = 182
(71.09%)

N = 74
(11.6%)

IN-PERSON

N = 308
(80.63%)

Concordance Indices with Confidence Intervals



SES-SFP *levels*

Low = **items a** (e.g., engaging in sexual acts by telling lies, threatening to end the relationship) and **b** (e.g., engaging in sexual acts by showing displeasure, criticizing their sexuality or attractiveness).

Medium = **items c** (e.g., engaging in sexual acts by taking advantage when they were too drunk/high/intoxicated) and **d** (i.e., engaging in sexual acts by threatening to physically harm them or someone close to them).

High = **item e** (i.e., engaging in sexual acts by using force, for example holding them down with my body weight, pinning their arms, or having a weapon).



Virtual and Low-level

Virtual *and* Low-level

Virtual *and* Low-level + Virtual

= 85%



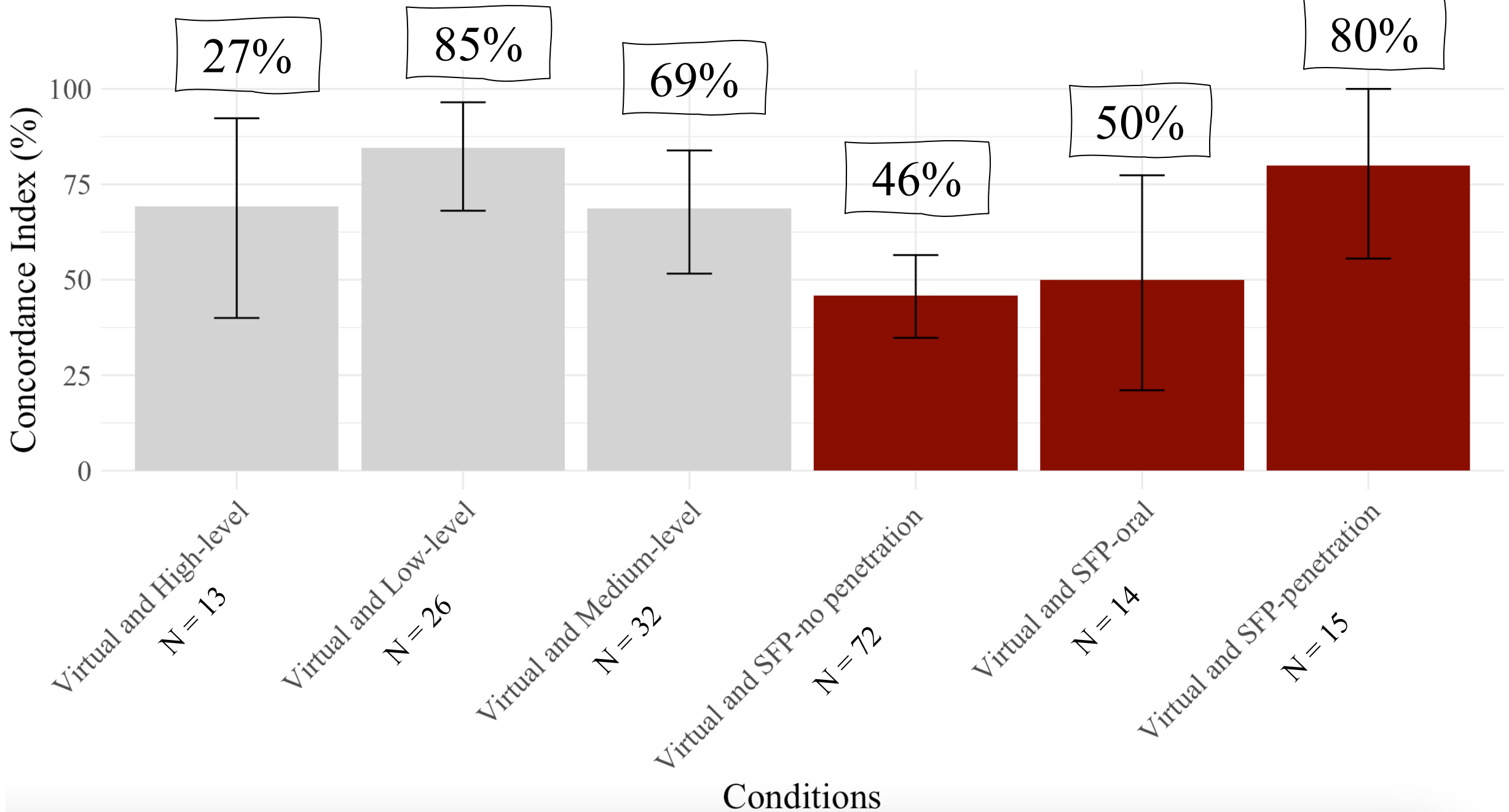
Virtual and SFP-penetration

Virtual and SFP-penetration

Virtual and SFP-penetration + Virtual

= 81%

Concordance Indices for the Virtual Group



High-level and Virtual

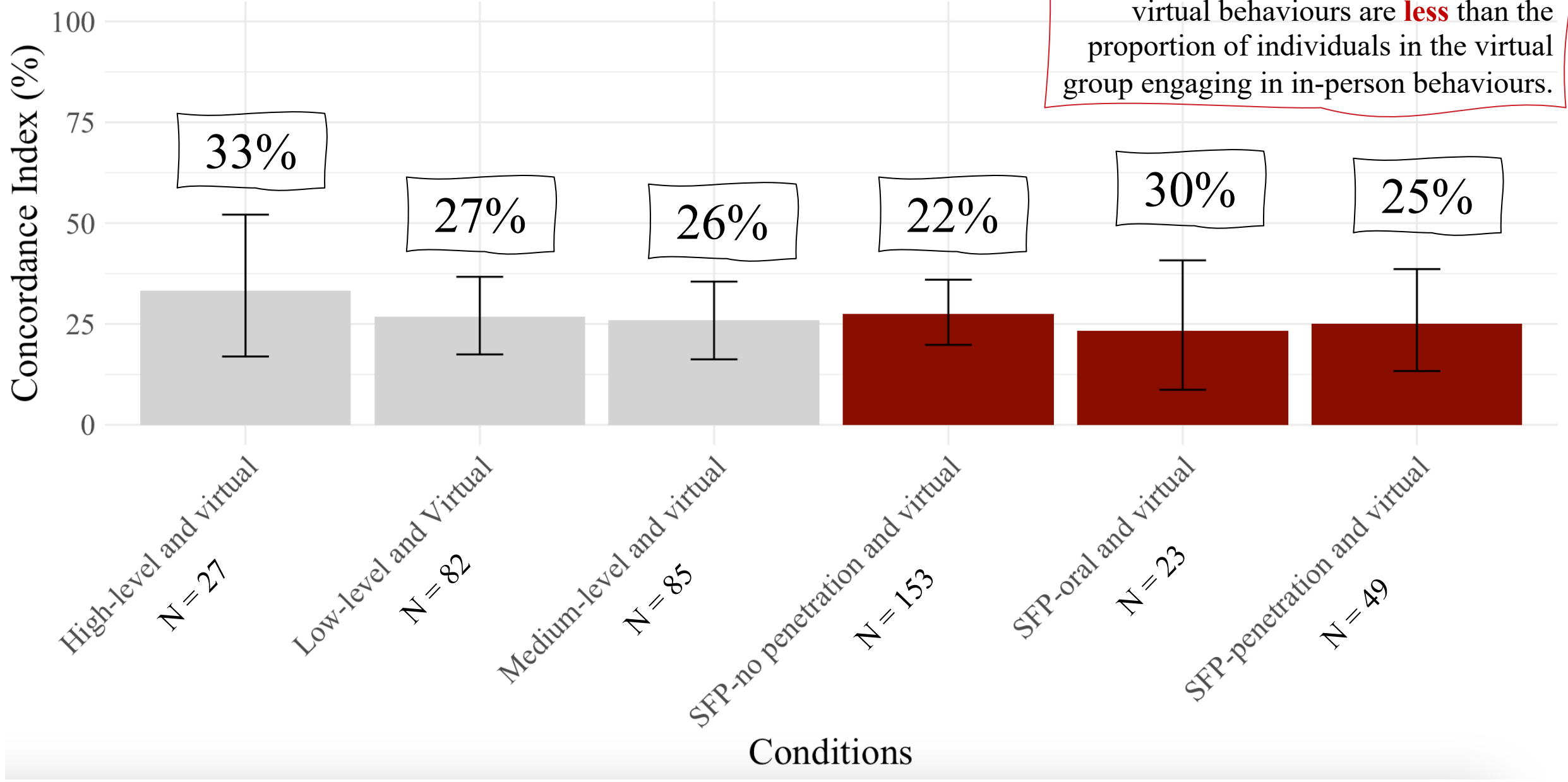
High-level *and* Virtual

High-SFP *and* Virtual + High-SFP

= 33%

Concordance Indices for the In-person Group

The proportion of individuals in the in-person group engaging in virtual behaviours are **less** than the proportion of individuals in the virtual group engaging in in-person behaviours.

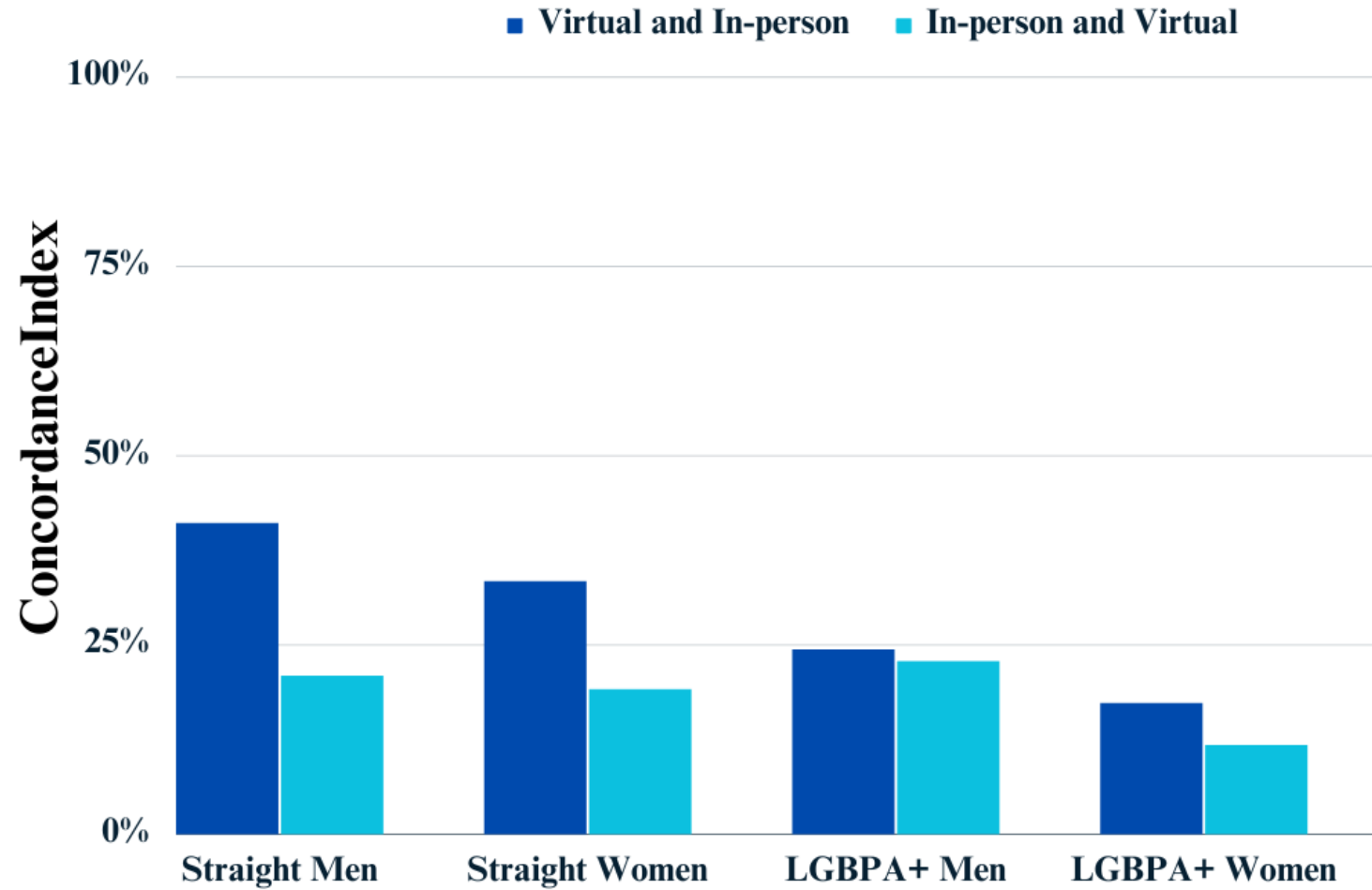




Gender Differences

In both scenarios, **straight men** showed a greater degree of overlap compared to women.

Gender Differences





Sharing Platforms

- **Virtual-only:** Websites
- **Virtual + in-person:** Messaging
- More likely to be **in-person** if engaged in *offline sharing*



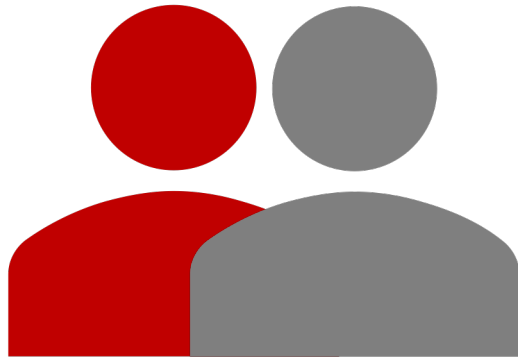
Top 3 Reasons for Forwarding Sexually Explicit Image Without Consent

Virtual-only
Outside influence
Positive reaction
State & <i>unwanted</i>

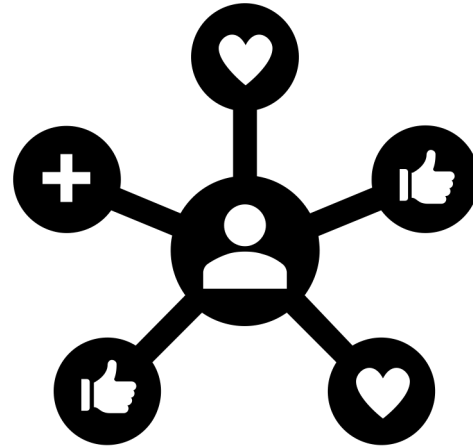
Virtual + In-person
Outside influence
Positive reaction
State



Conclusion



Group overlaps



Sharing platforms



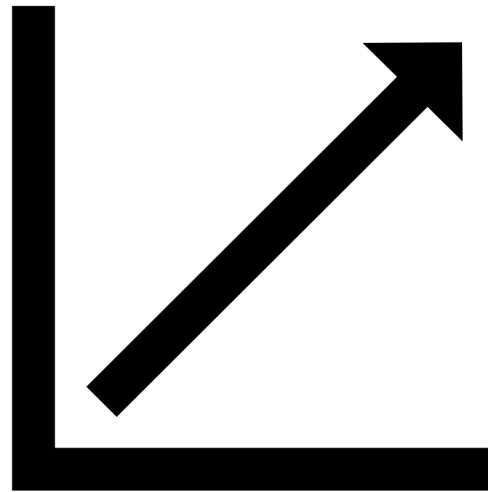
Reasons for sharing

Future Directions

- Pathway analysis



- Predictors



Thank you for listening!

Any questions?

Answers to learning objectives:

1. Virtual
2. True
3. False

Serra Baskurt, Emma J. Holmes, & Gabriella Hilkes
September 30, 2023



Predictors of In-Person Sexual Coercion and Offline Sexual Coercion

Gabriella Hilkes (gabriellahilkes@cmail.carleton.ca)

Serra Baskurt & Emma J. Holmes

September 30, 2023

Upon completion of this educational activity, you should be able to...

1. Are the predictors mostly similar or different between in-person and virtual sexual coercion?
2. Are people who receive more sexts more likely to non-consensually share sexts?
3. Is age a meaningful risk factor for in-person and virtual sexual coercion?



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Study Aims

1

In-person predictors

3

How do they compare?

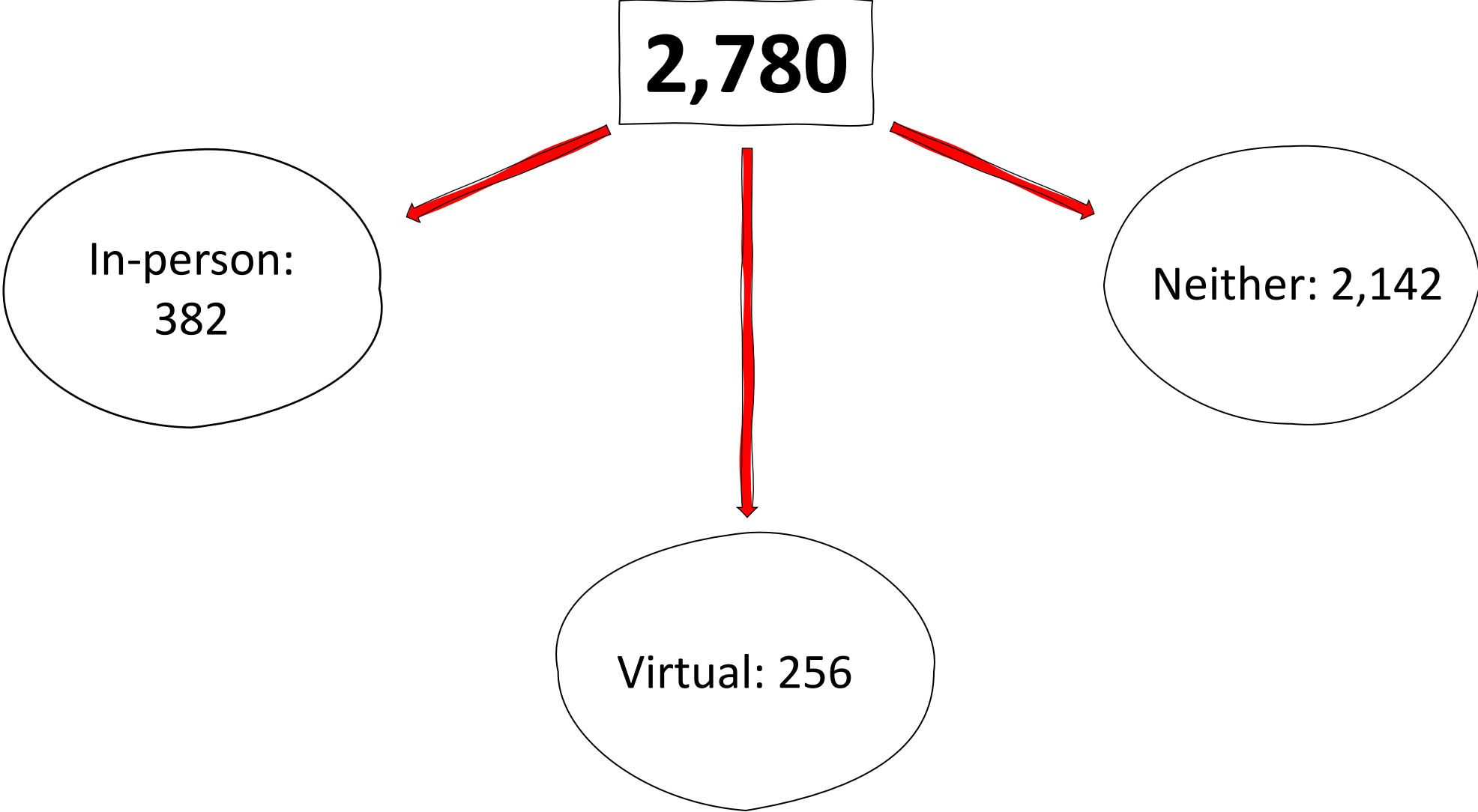
2

Virtual predictors

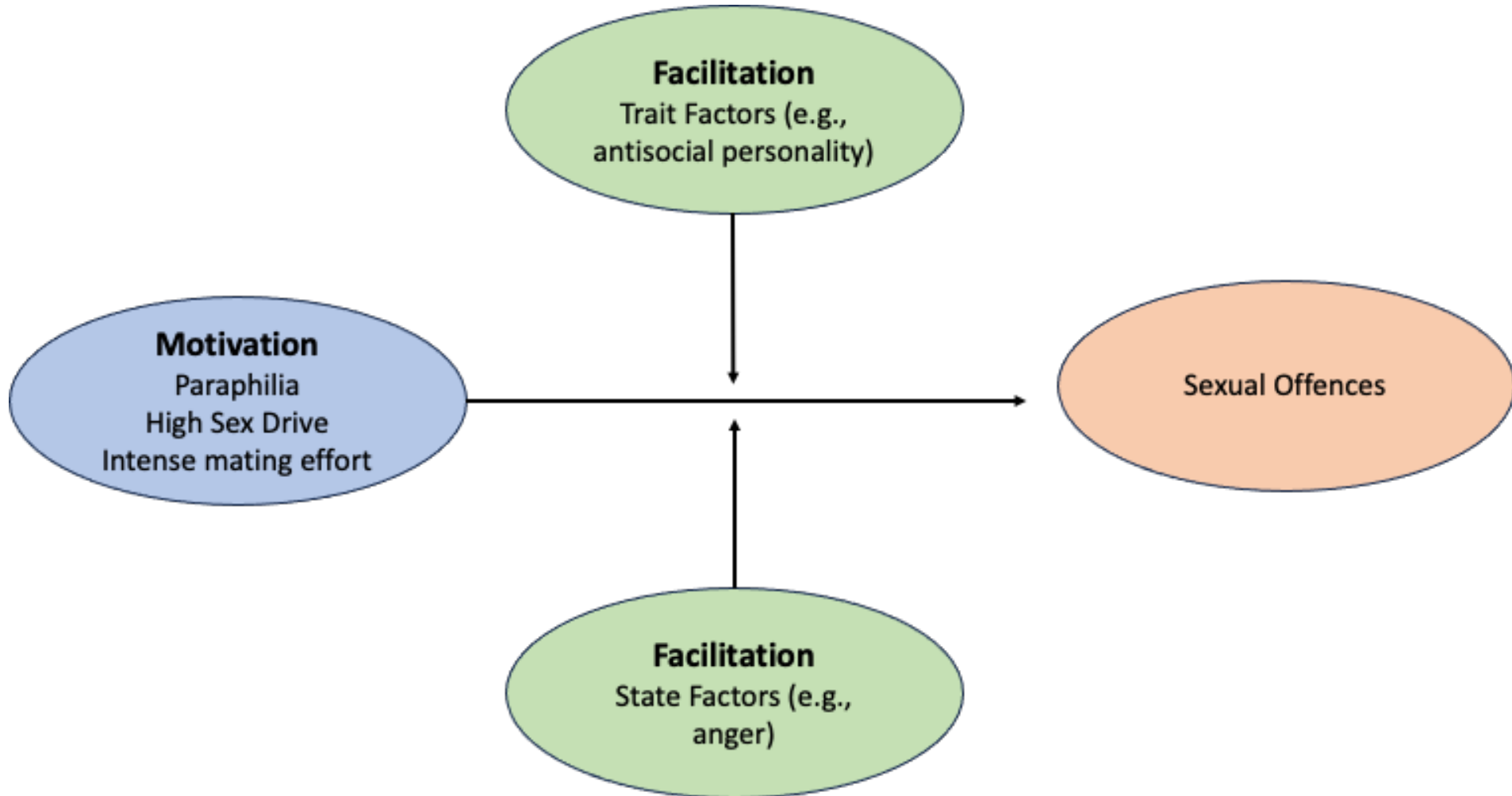
4

Gender differences

Sample



Motivation-Facilitation Model (Seto, 2019)



Predictors We Measured



Impulsivity

($\omega = 0.86$; $\alpha = 0.81$)



Antisociality

($\omega = 0.90$; $\alpha = 0.71$)

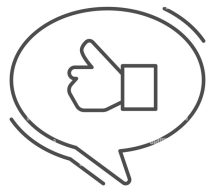


Peer pressure

($\omega = 0.92$; $\alpha = 0.88$)

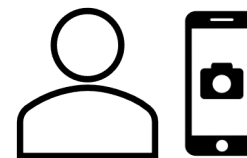


Sex drive



Sexual consent awareness

($\omega = 0.83$; $\alpha = .76$)



Other sexual coercion type



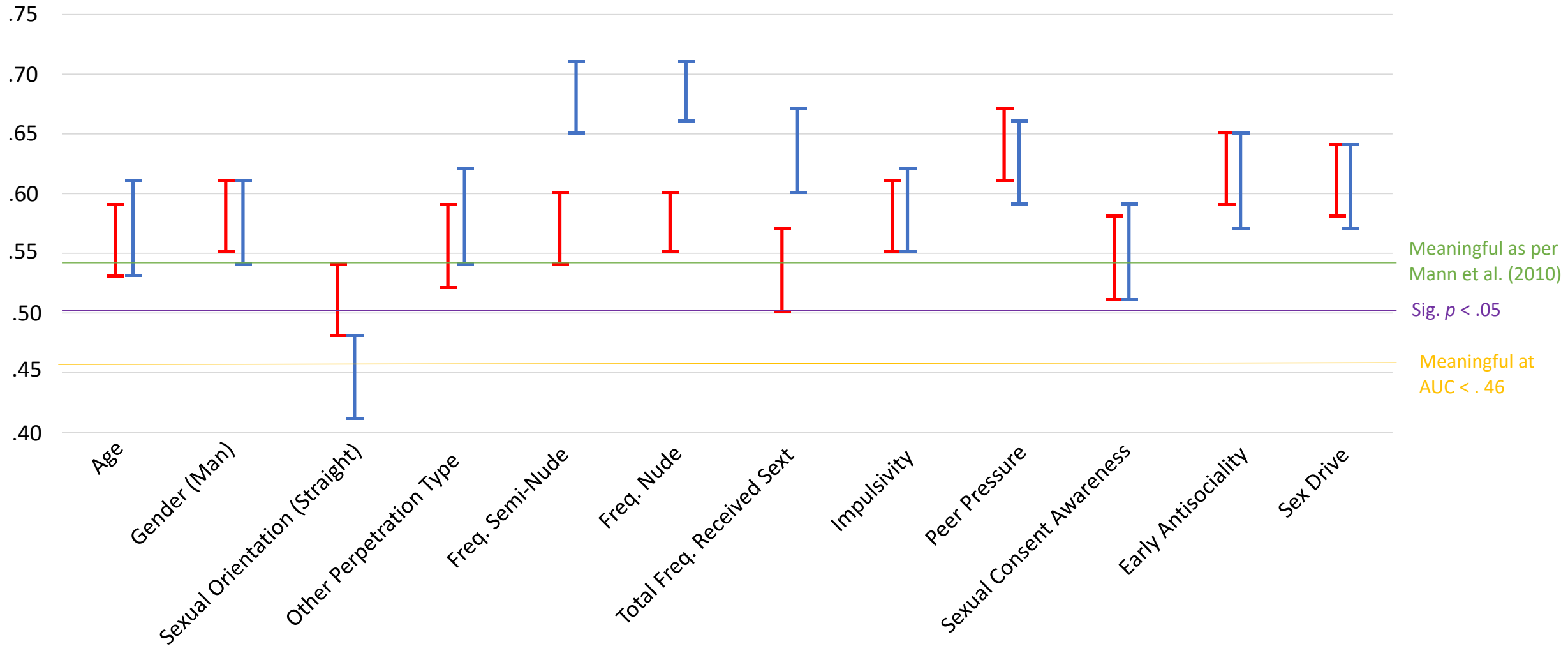
Data Analyses

- ROC Analyses
 - Area Under the Curve (AUC) values between 0 and 1
 - $AUC > 0.54$ is a meaningful risk factor (Mann et al., 2010, $d = .15$)
 - Confidence intervals
 - Overlapping = not different
 - Not overlapping = sig. different at $p = .01$ (Tryon, 2001)
- Binary Logistic Regression
 - Assesses whether predictors are incrementally significant

Are Correlates Different Between Groups?

In-Person Perpetration ($n = 380/2780$)

Virtual Perpetration ($n = 255/2780$)



In-Person Perpetration

	Sig at p < .05	AUC > .54	AUC < .46
Age	✓	✓	✗
Gender (Man)	✓	✓	✗
Sexual orientation (Straight)	✗	✗	✗
Virtual Perpetration	✓	✓	✗
Freq. Received Semi-Nude	✓	✓	✗
Freq. Received Nude	✓	✓	✗
Tot Freq Received Non-Consensual Sext	✓	✗	✗
Impulsivity	✓	✓	✗
Peer pressure	✓	✓	✗
Sexual consent awareness	✓	✓	✗
Early antisociality	✓	✓	✗
Sex drive	✓	✓	✗

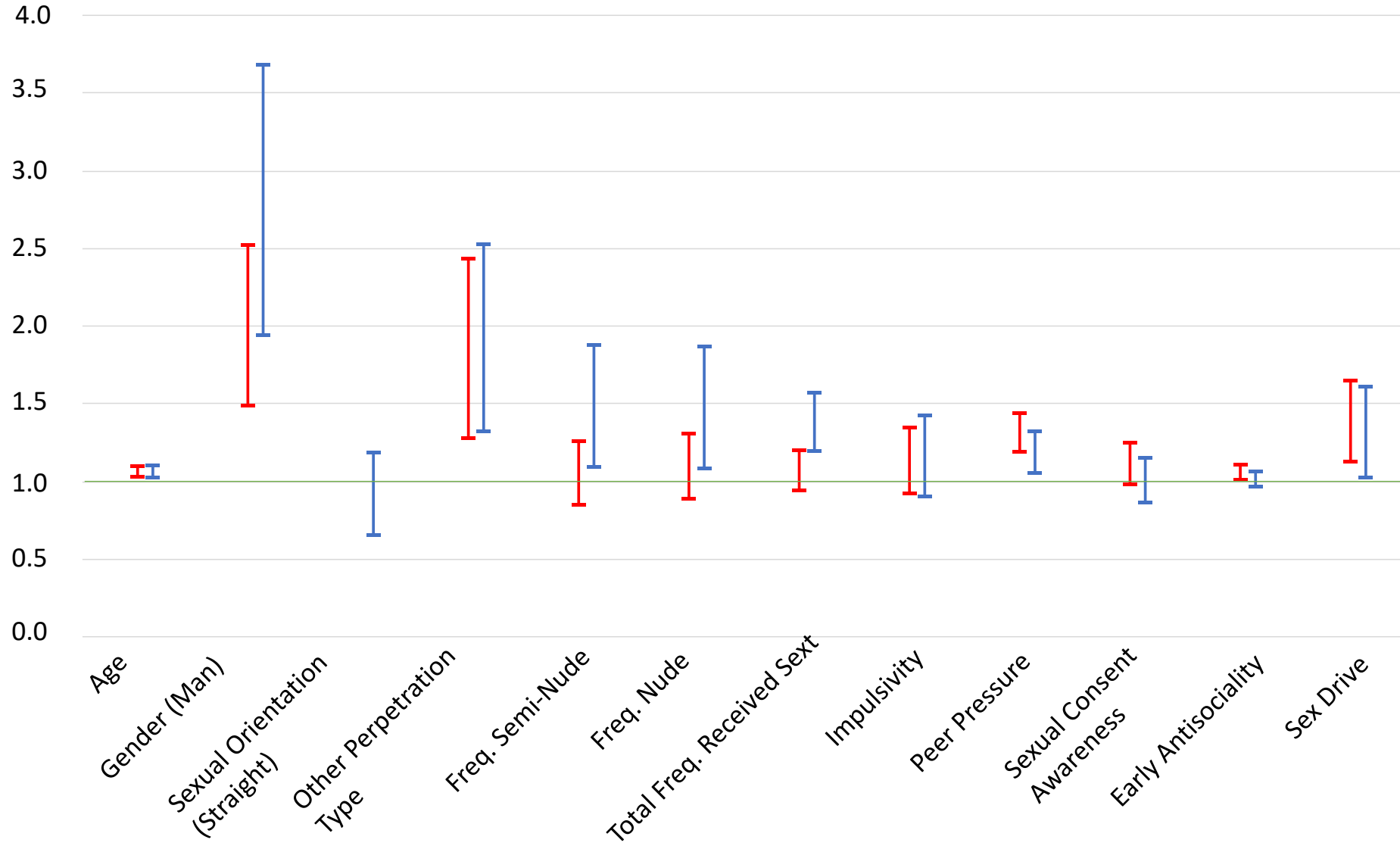
Virtual Perpetration

	Sig at p < .05	AUC > .54	AUC < .46
Age	✓	✓	✗
Gender (Man)	✓	✓	✗
Sexual orientation (Straight)	✓	✗	✓
In-Person Perpetration	✓	✓	✗
Freq. Received Semi-Nude	✓	✓	✗
Freq. Received Nude	✓	✓	✗
Tot Freq Received Non-Consensual Sext	✓	✓	✗
Impulsivity	✓	✓	✗
Peer pressure	✓	✓	✗
Sexual consent awareness	✓	✓	✗
Early antisociality	✓	✓	✗
Sex drive	✓	✓	✗

Regression Results

In-Person Perpetration ($n = 367/2780$)

Virtual Perpetration ($n = 247/2780$)



In-Person Perpetration

	Sig at p < .05
Age	✓
Gender (Man)	✓
Sexual orientation (Straight)	N/A
Virtual Perpetration	✓
Freq. Received Semi-Nude	✗
Fre. Received Nude	✗
Tot Freq Received Non-Consensual Sext	✗
Impulsivity	✗
Peer pressure	✓
Sexual consent awareness	✗
Early antisociality	✓
Sex drive	✓

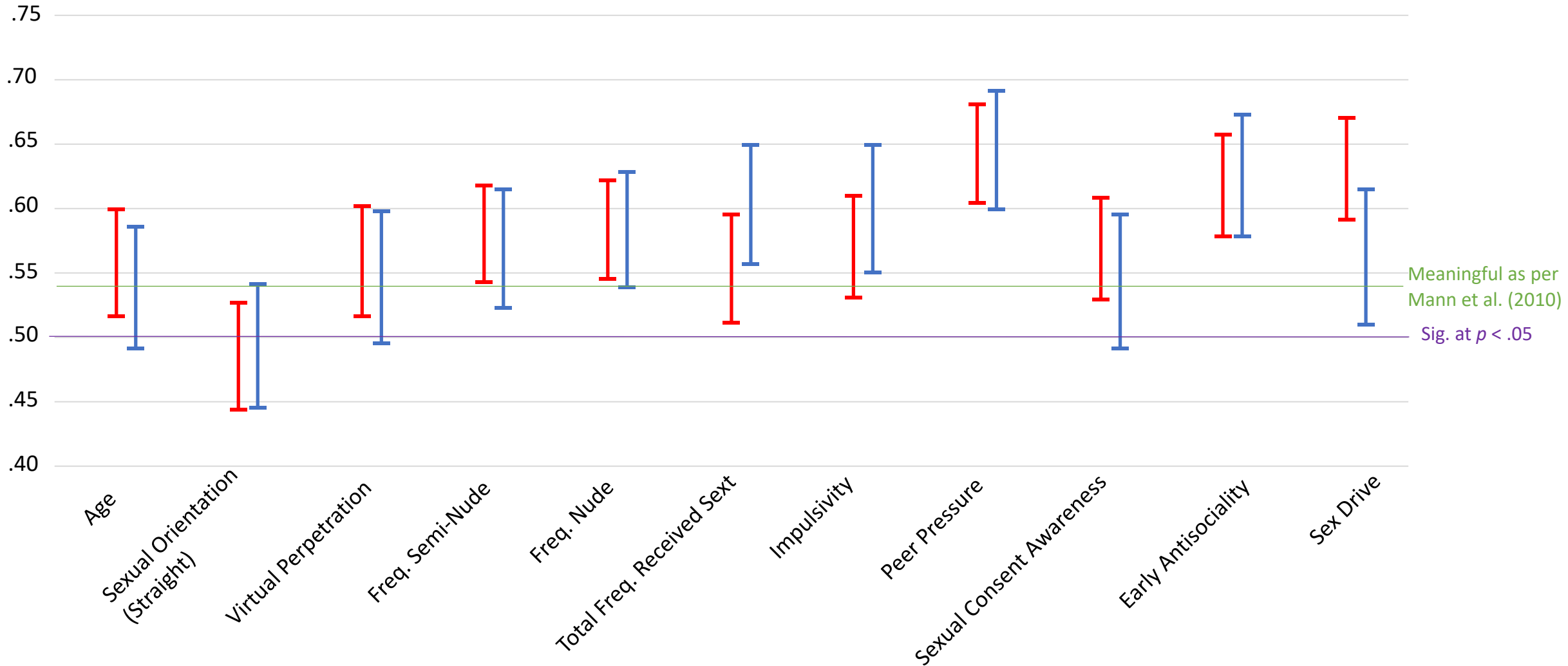
Virtual Perpetration

	Sig at p < .05
Age	✓
Gender (Man)	✓
Sexual orientation (Straight)	✗
In-Person Perpetration	✓
Freq. Received Semi-Nude	✓
Fre. Received Nude	✓
Tot Freq Received Non-Consensual Sext	✓
Impulsivity	✗
Peer pressure	✓
Sexual consent awareness	✗
Early antisociality	✗
Sex drive	✓

Are Correlates Different by Gender for In-Person Perpetration?

In-Person Perpetration – Male
(n = 230 / 2780)

In-Person Perpetration – Female
(n = 150 / 2780)



In-Person Perpetration - Male

	Sig at p < .05	AUC > .54	AUC < .46
Age	✓	✓	✗
Sexual Orientation (Straight)	✗	✗	✗
Virtual Perpetration	✓	✓	✗
Freq. Received Semi-Nude	✓	✓	✗
Freq. Received Nude	✓	✓	✗
Tot Freq. Received Non-Consensual Sext	✓	✓	✗
Impulsivity	✓	✓	✗
Peer pressure	✓	✓	✗
Sexual consent awareness	✓	✓	✗
Early antisociality	✓	✓	✗
Sex drive	✓	✓	✗

In-Person Perpetration - Female

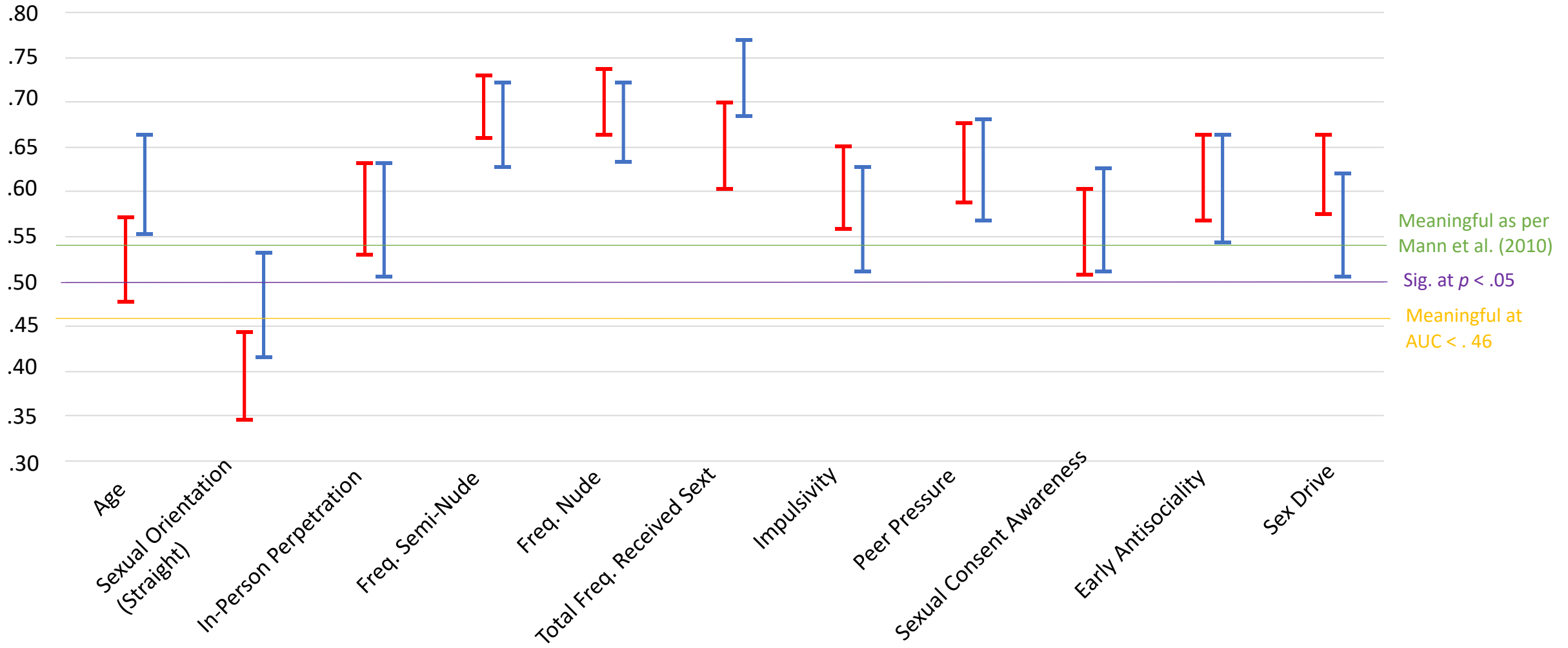
	Sig at p < .05	AUC > .54	AUC < .46
Age	✗	✓	✗
Sexual Orientation (Straight)	✗	✗	✗
Virtual Perpetration	✗	✓	✗
Freq. Received Semi-Nude	✓	✓	✗
Freq. Received Nude	✓	✓	✗
Tot Freq. Received Non-Consensual Sext	✓	✓	✗
Impulsivity	✓	✓	✗
Peer pressure	✓	✓	✗
Sexual consent awareness	✗	✓	✗
Early antisociality	✓	✓	✗
Sex drive	✓	✓	✗



Are Correlates Different by Gender for Virtual Perpetration?

Virtual Perpetration – Male
(n = 156 / 2780)

Virtual Perpetration – Female
(n = 99 / 2780)



Virtual Perpetration - Male

	Sig at p < .05	AUC > .54	AUC < .46
Age	✗	✗	✗
Sexual Orientation (Straight)	✓	✗	✓
In-Person Perpetration	✓	✓	✗
Freq. Received Semi-Nude	✓	✓	✗
Freq. Received Nude	✓	✓	✗
Tot Freq. Received Non-Consensual Sext	✓	✓	✗
Impulsivity	✓	✓	✗
Peer pressure	✓	✓	✗
Sexual consent awareness	✓	✓	✗
Early antisociality	✓	✓	✗
Sex drive	✓	✓	✗

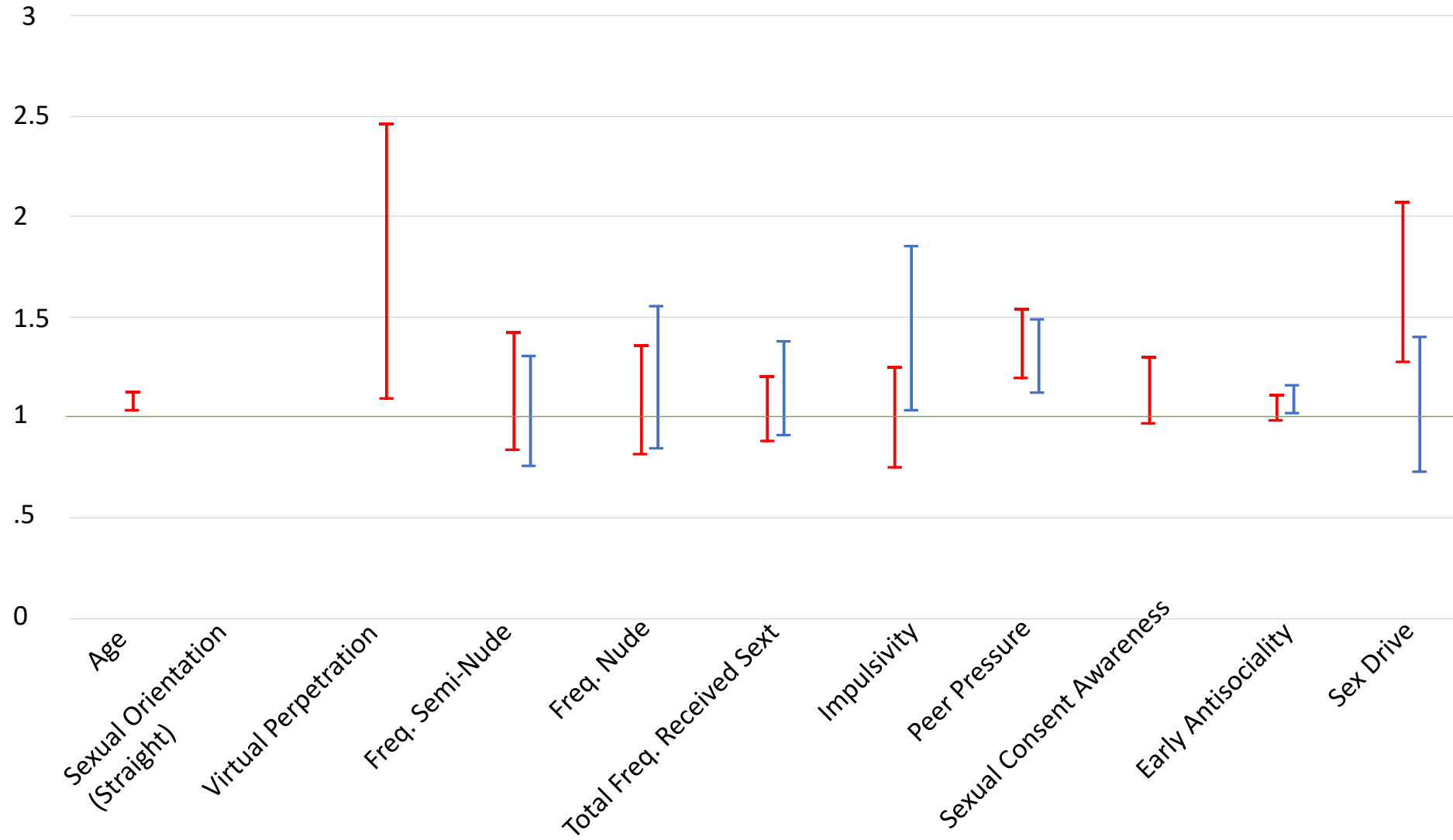
Virtual Perpetration - Female

	Sig at p < .05	AUC > .54	AUC < .46
Age	✓	✓	✗
Sexual Orientation (Straight)	✗	✗	✗
In-Person Perpetration	✓	✓	✗
Freq. Received Semi-Nude	✓	✓	✗
Freq. Received Nude	✓	✓	✗
Tot Freq. Received Non-Consensual Sext	✓	✓	✗
Impulsivity	✓	✓	✗
Peer pressure	✓	✓	✗
Sexual consent awareness	✓	✓	✗
Early antisociality	✓	✓	✗
Sex drive	✓	✓	✗

Regression Results – In-Person

In-Person Perpetration – Male
(n = 230 / 2780)

In-Person Perpetration – Female
(n = 150 / 2780)



In-Person Perpetration - Male

	Sig at p < .05
Age	✓
Sexual Orientation (Straight)	N/A
Virtual Perpetration	✓
Freq. Received Semi-Nude	✗
Freq. Received Nude	✗
Tot Freq. Received Non-Consensual Sext	✗
Impulsivity	✗
Peer pressure	✓
Sexual consent awareness	✗
Early antisociality	✗
Sex drive	✓

In-Person Perpetration - Female

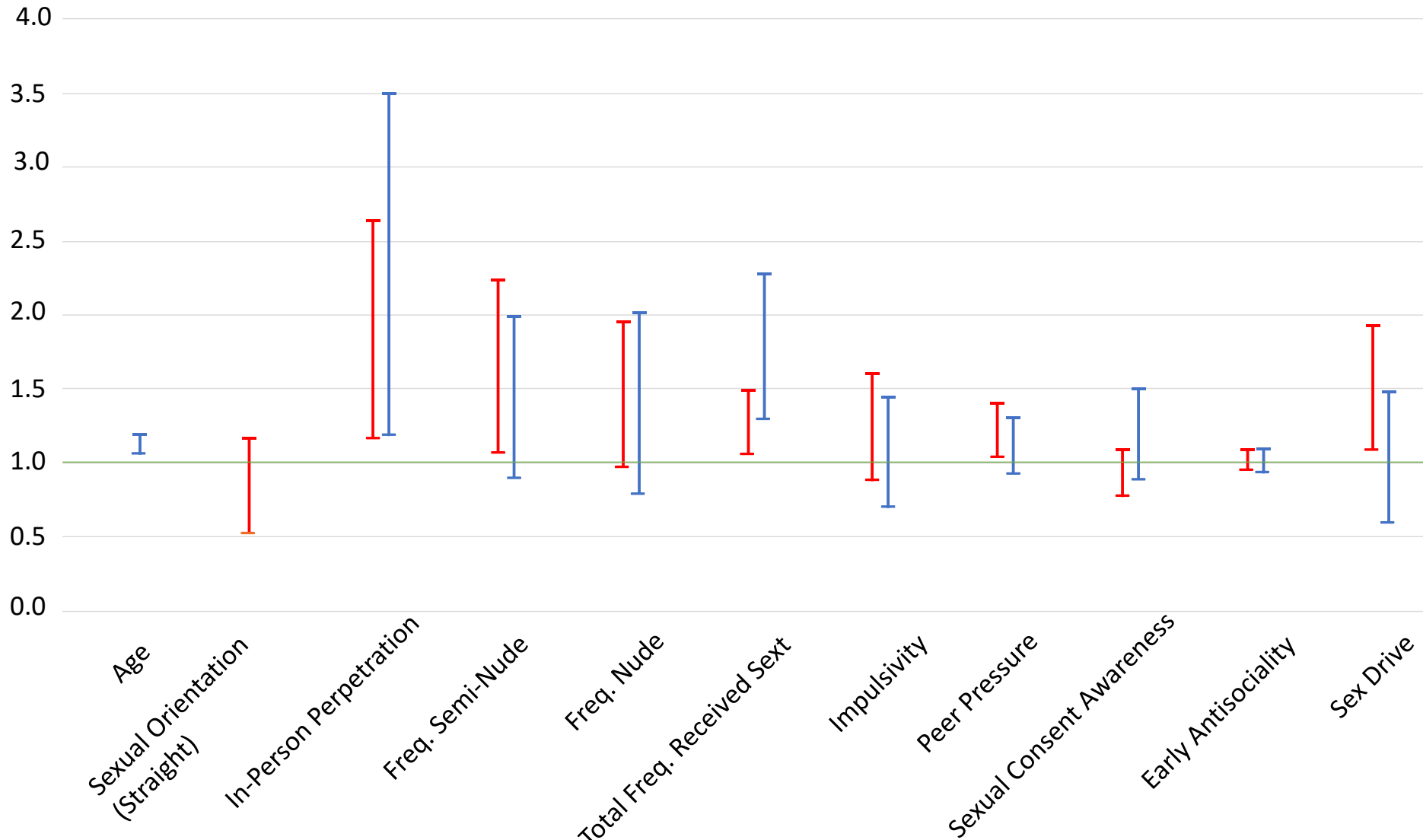
	Sig at p < .05
Age	N/A
Sexual Orientation (Straight)	N/A
Virtual Perpetration	N/A
Freq. Received Semi-Nude	✗
Freq. Received Nude	✗
Tot Freq. Received Non-Consensual Sext	✗
Impulsivity	✓
Peer pressure	✓
Sexual consent awareness	N/A
Early antisociality	✓
Sex drive	✗



Regression Results – Virtual

Virtual Perpetration – Male
(n = 156 / 2780)

Virtual Perpetration - Female
(n = 99 / 2780)



Virtual Perpetration - Male

	Sig at p < .05
Age	N/A
Sexual Orientation (Straight)	✗
In-Person Perpetration	✓
Freq. Received Semi-Nude	✓
Freq. Received Nude	✗
Tot Freq. Received Non-Consensual Sext	✓
Impulsivity	✗
Peer pressure	✓
Sexual consent awareness	✗
Early antisociality	✗
Sex drive	✓

Virtual Perpetration - Female

	Sig at p < .05
Age	✓
Sexual Orientation (Straight)	N/A
In-Person Perpetration	✓
Freq. Received Semi-Nude	✗
Freq. Received Nude	✗
Tot Freq. Received Non-Consensual Sext	✓
Impulsivity	✗
Peer pressure	✗
Sexual consent awareness	✗
Early antisociality	✗
Sex drive	✗



Conclusion & Implications

- Cross sectional data (cannot imply causality)
- Similar correlates between perpetration types (i.e., in-person versus virtual)
 - Exception: Frequency of receiving sexts
- Similar correlates between gender (i.e., men versus women)
- In-person correlates with virtual / Virtual correlates with in-person
- Surprising result
 - Nonconsensual sharing among older individuals

Thank you for your attention! Any questions?

Answers to learning objectives:

1. True
2. True
3. False

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References

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