

# IMPACTS OF SEXUAL DESIRE AND MOTIVES ON THE COMPULSIVE USE OF CYBERSEXUALITY

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# RATIONALE

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**Internet** is widely used for **sexual activities** and **pornography**.



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**Internet** is widely used for **sexual activities** and **pornography**.



**Little is known**  
about  
**the reasons**  
why people are looking for  
meetings and  
sexual interactions through  
the Internet.

# OBJECTIVES

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To explore the relationship between



- Sexual desire
- Motivations
- Excessive internet use

# METHODS

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- Online sample
  - Ads on forums and dating sites

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  - Ads on forums and dating sites
- 306 subjects

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- 306 subjects
- Hierarchical linear regression

# METHODS

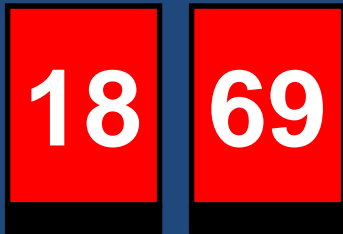
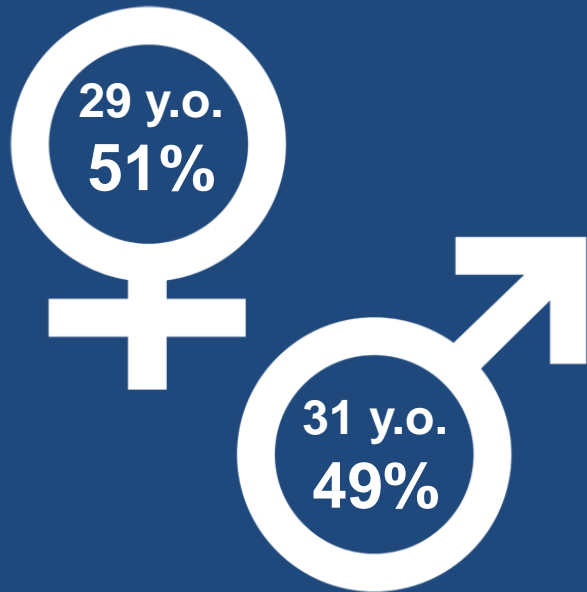
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- Online sample
  - Ads on forums and dating sites
- 306 subjects
- Hierarchical linear regression
- Structural Equation Modelling

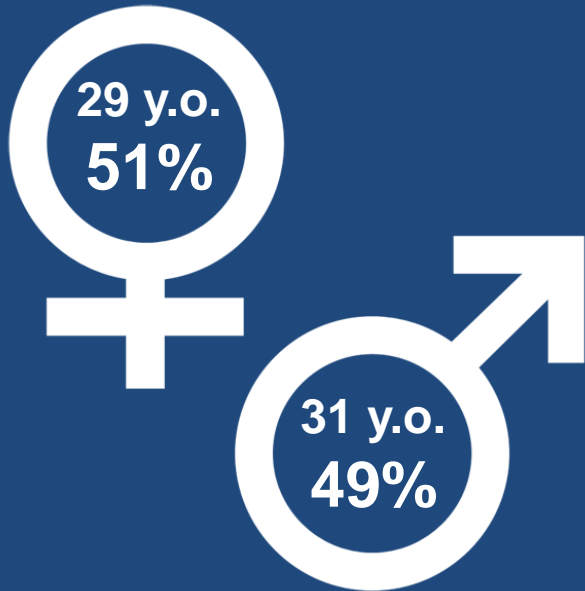


# SAMPLE

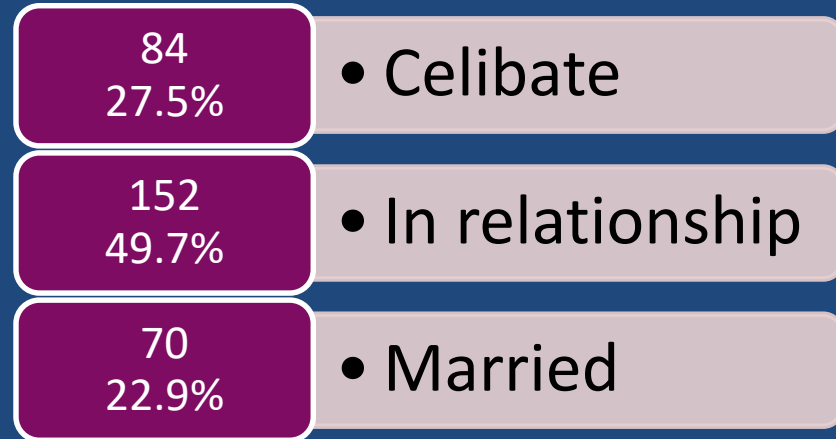
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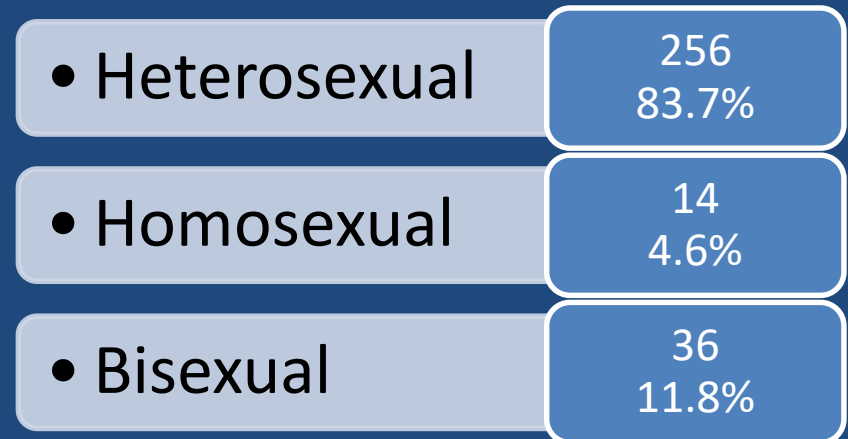
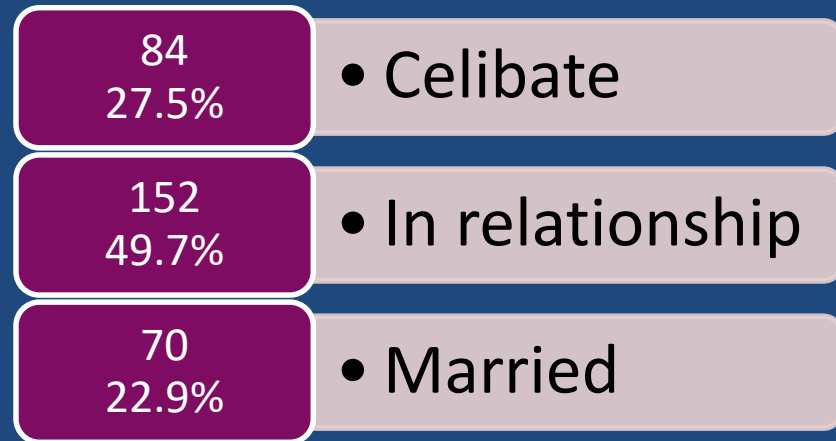
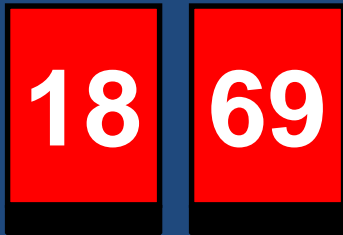
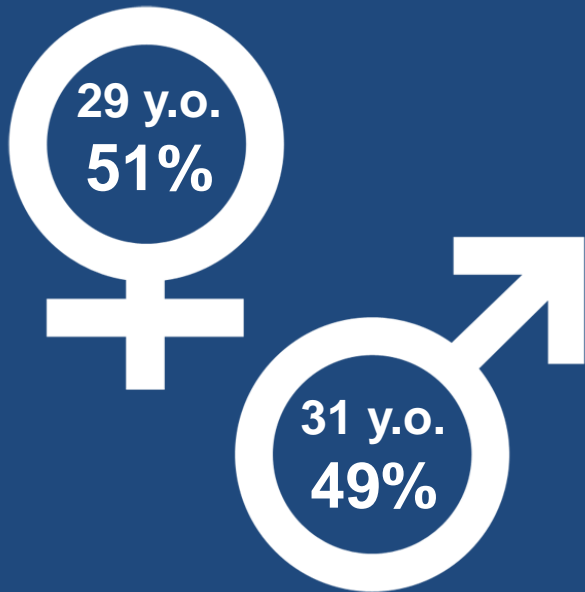
# SAMPLE



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# SAMPLE

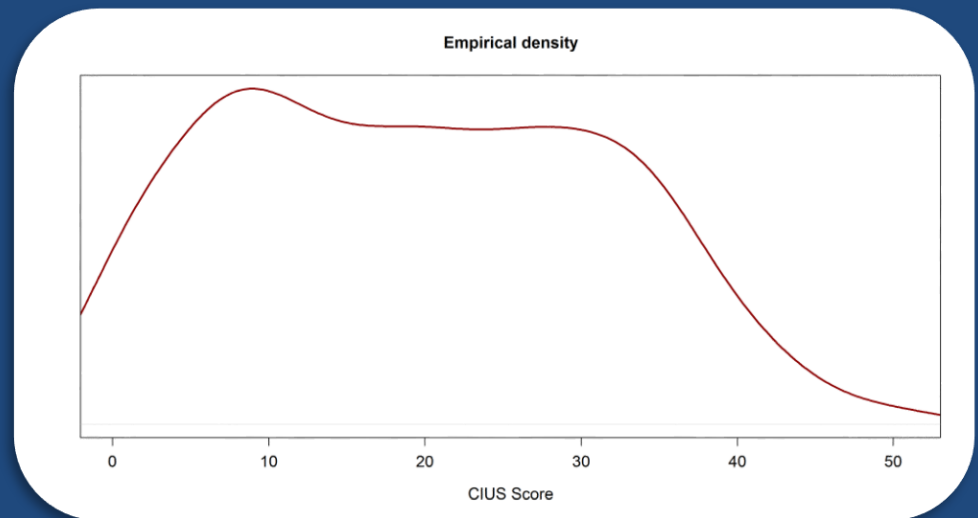


# INSTRUMENTS

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## CIUS: Compulsive Internet Use Scale

- 14 modified items (Internet → sites)
- Scoring: 0-4
- Potential range: 0 – 56
- Actual range: 0 – 51
- Median: 19



# INSTRUMENTS

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## SDI-2: Sexual Desire Inventory

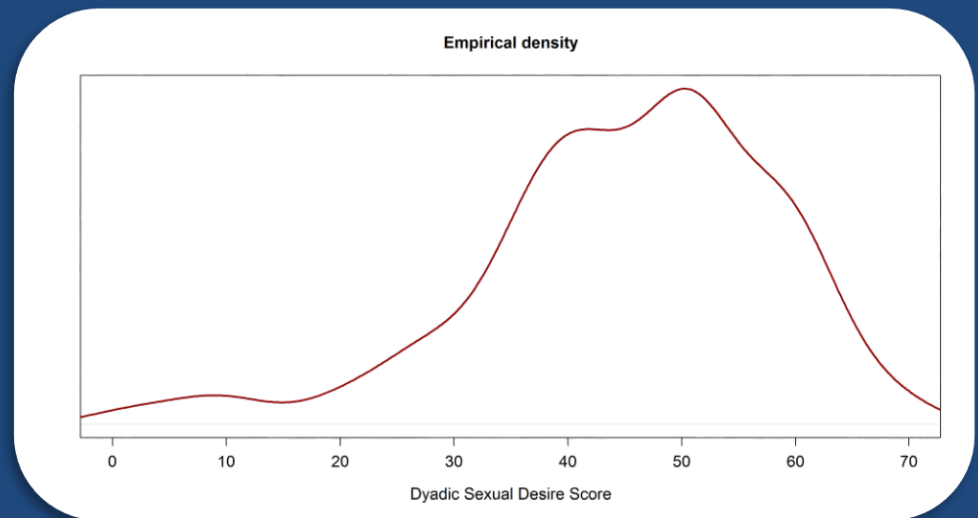
- 14 items
- Scoring: depend on the question
- 2 subscales
  - Dyadic sexual desire
  - Solitary sexual desire

# INSTRUMENTS

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## SDI-2: Dyadic sexual desire

- 9 items
- Potential range: 0 – 70
- Actual range: 0 – 70
- Median: 47

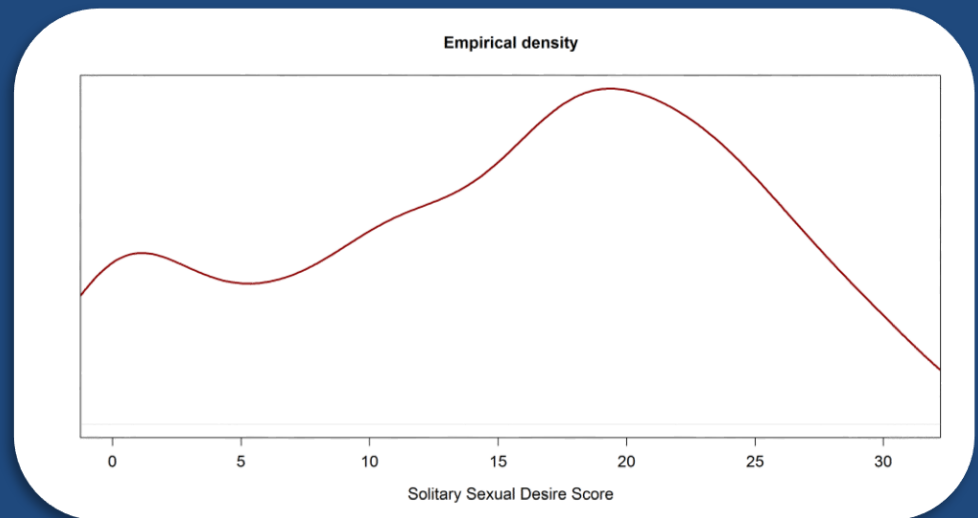


# INSTRUMENTS

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## SDI-2: Solitary sexual desire

- 4 items
- Potential range: 0 – 31
- Actual range: 0 – 31
- Median: 17



# INSTRUMENTS

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## CMQ: Cybersex Motives Questionnaire

- 14 items
- Scoring: 1 – 5
- 3 subscales
  - Enhancement
  - Coping
  - Social motives

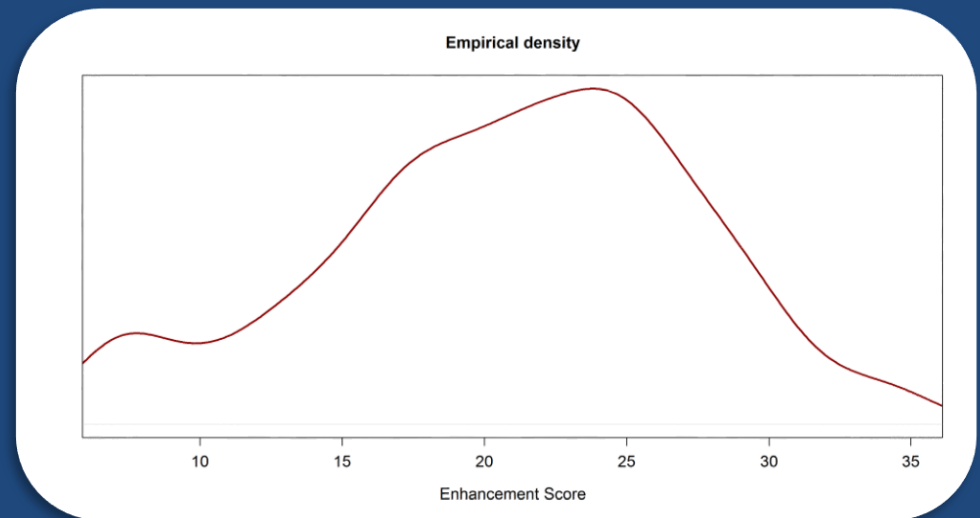


# INSTRUMENTS

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## CMQ: Enhancement

- 7 items
- Potential range: 7 – 35
- Actual range: 7 – 35
- Median: 21.5

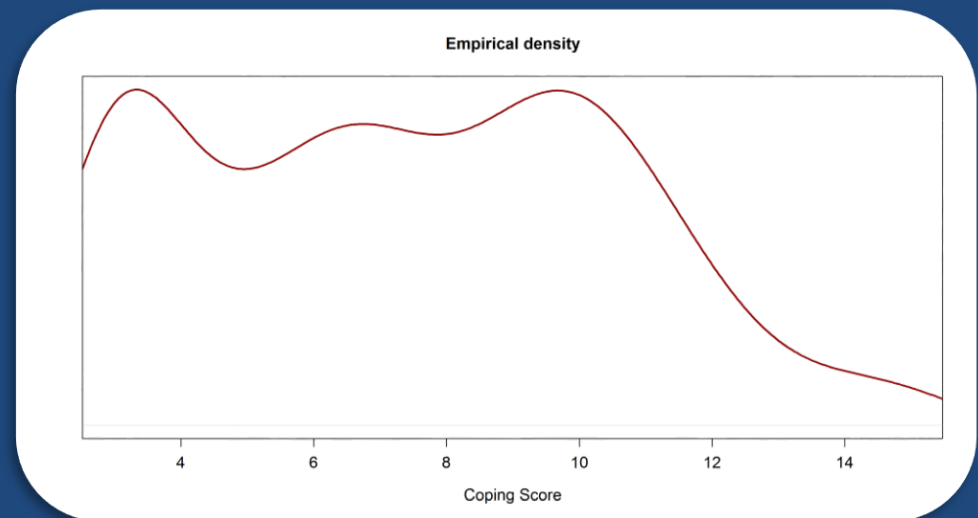


# INSTRUMENTS

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## CMQ: Coping

- 3 items
- Potential range: 3 – 15
- Actual range: 3 – 15
- Median: 7

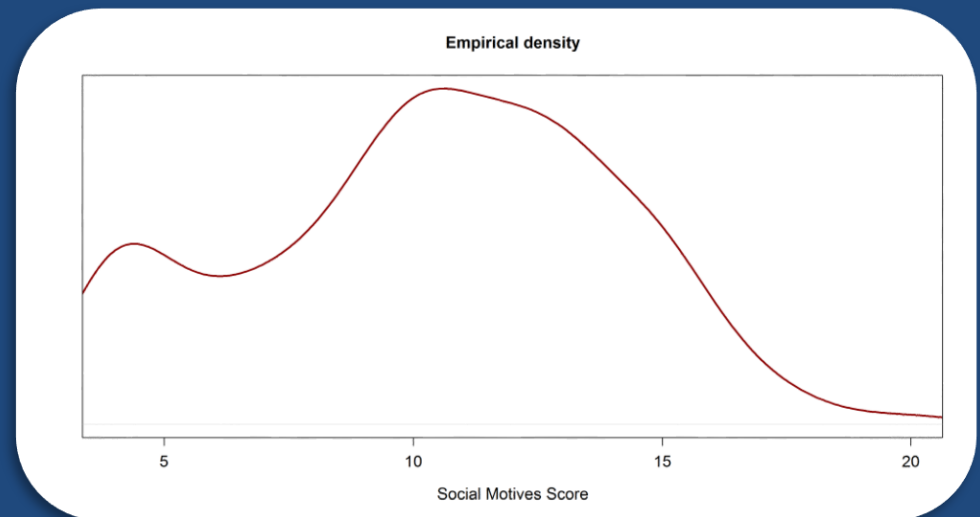


# INSTRUMENTS

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## CMQ: Social Motives

- 4 items
- Potential range: 4 – 20
- Actual range: 4 – 20
- Median: 10.5



# RESULTS: LINEAR REGRESSION

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Model 1

Model 2

Model 3

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Age

Women

Homosexual

**Bisexual**

In a relationship

SDI

Dyadic sexual desire

Solitary sexual desire

Enhancement

CMQ

Coping

Social Motives

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$R^2$

$\Delta R^2$

# RESULTS: LINEAR REGRESSION

		Model 1	Model 2	Model 3
	Age	-0.04		
	Women	0.24		
	Homosexual	-0.24		
	<b>Bisexual</b>	<b>3.92</b>		
	In a relationship	1.48		
SDI	Dyadic sexual desire			
	Solitary sexual desire			
	Enhancement			
CMQ	Coping			
	Social Motives			
		R <sup>2</sup>	0.014	
		ΔR <sup>2</sup>		

# RESULTS: LINEAR REGRESSION

		Model 1	Model 2	Model 3
	Age	-0.04	-0.03	
	Women	0.24	2.01	
	Homosexual	-0.24	0.15	
	Bisexual	<b>3.92</b>	3.44	
	In a relationship	1.48	0.87	
SDI	<b>Dyadic sexual desire</b>		<b>0.10</b>	
	Solitary sexual desire		0.15	
	Enhancement			
CMQ	Coping			
	Social Motives			
		$R^2$	0.014	0.045
		$\Delta R^2$		<b>0.03</b>

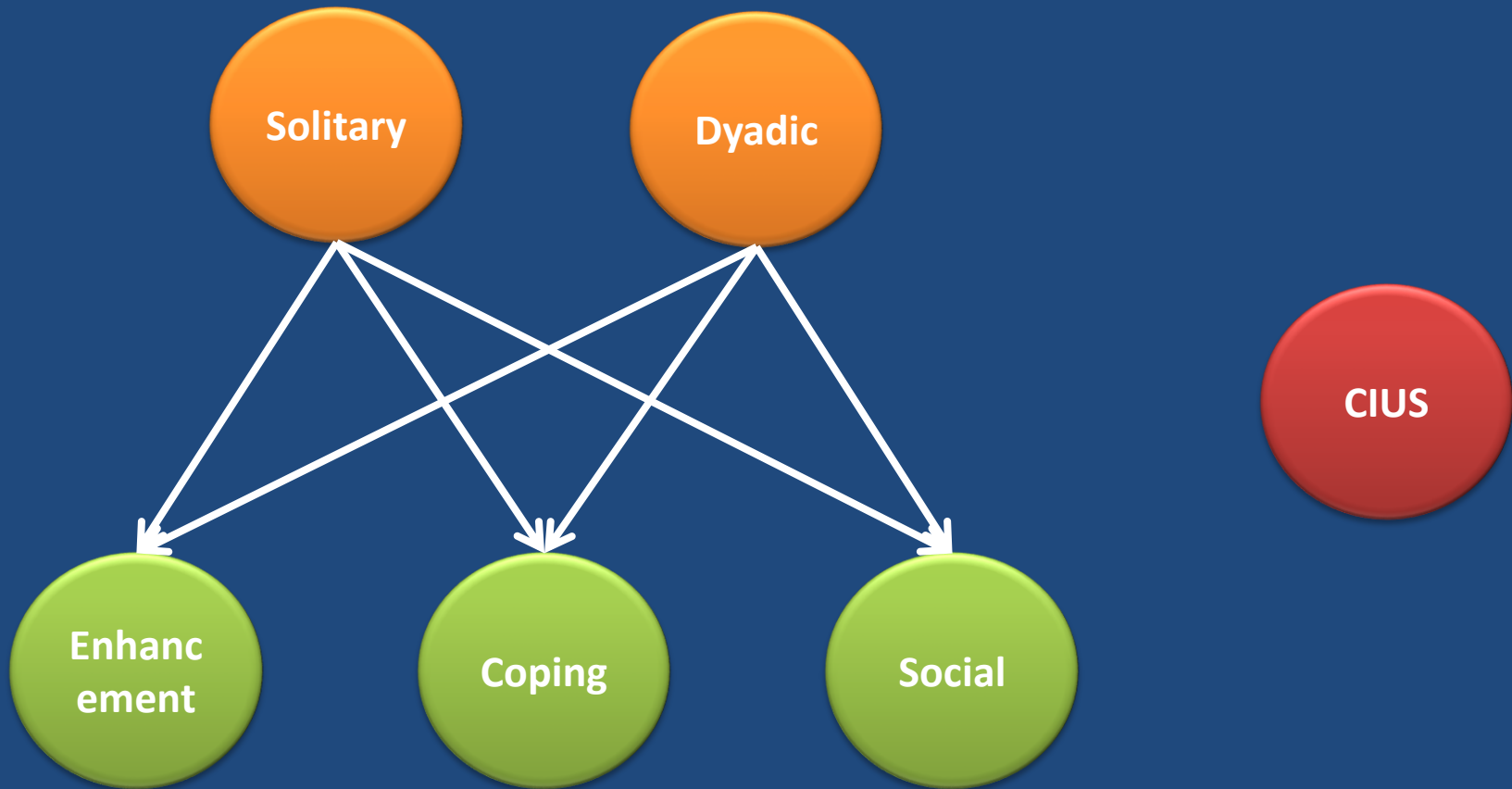
# RESULTS: LINEAR REGRESSION

		Model 1	Model 2	Model 3
	Age	-0.04	-0.03	-0.04
	Women	0.24	2.01	0.94
	Homosexual	-0.24	0.15	-0.05
	<b>Bisexual</b>	<b>3.92</b>	3.44	<b>3.52</b>
	In a relationship	1.48	0.87	-0.04
SDI	Dyadic sexual desire		<b>0.10</b>	0.03
	Solitary sexual desire		0.15	0.06
	Enhancement			-0.05
CMQ	<b>Coping</b>			<b>1.16</b>
	<b>Social Motives</b>			<b>0.36</b>
	$R^2$	0.014	0.045	0.300
	$\Delta R^2$		<b>0.03</b>	<b>0.255</b>

# RESULTS: STRUCTURAL EQUATION MODELLING

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Tested model

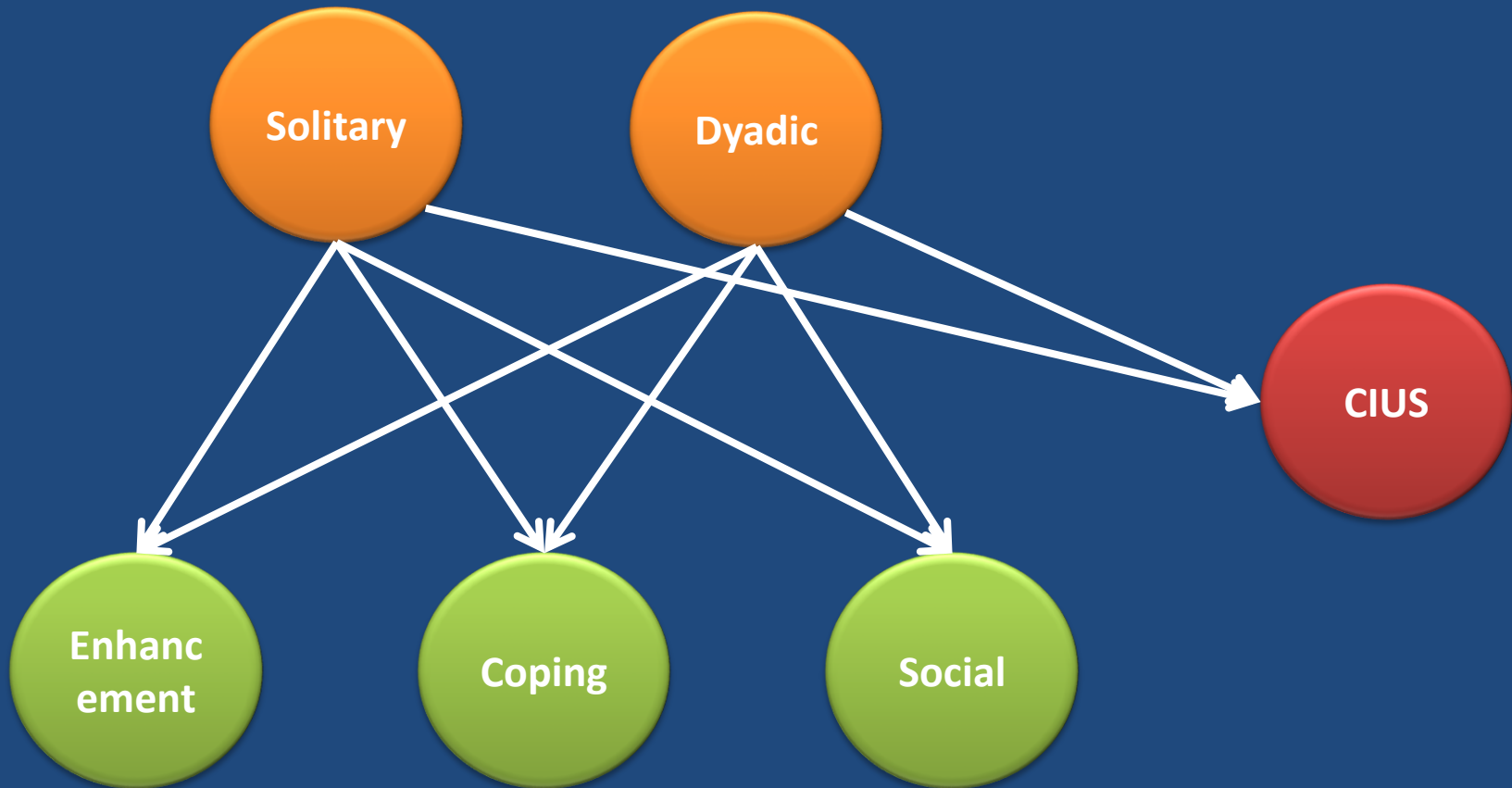




# RESULTS: STRUCTURAL EQUATION MODELLING

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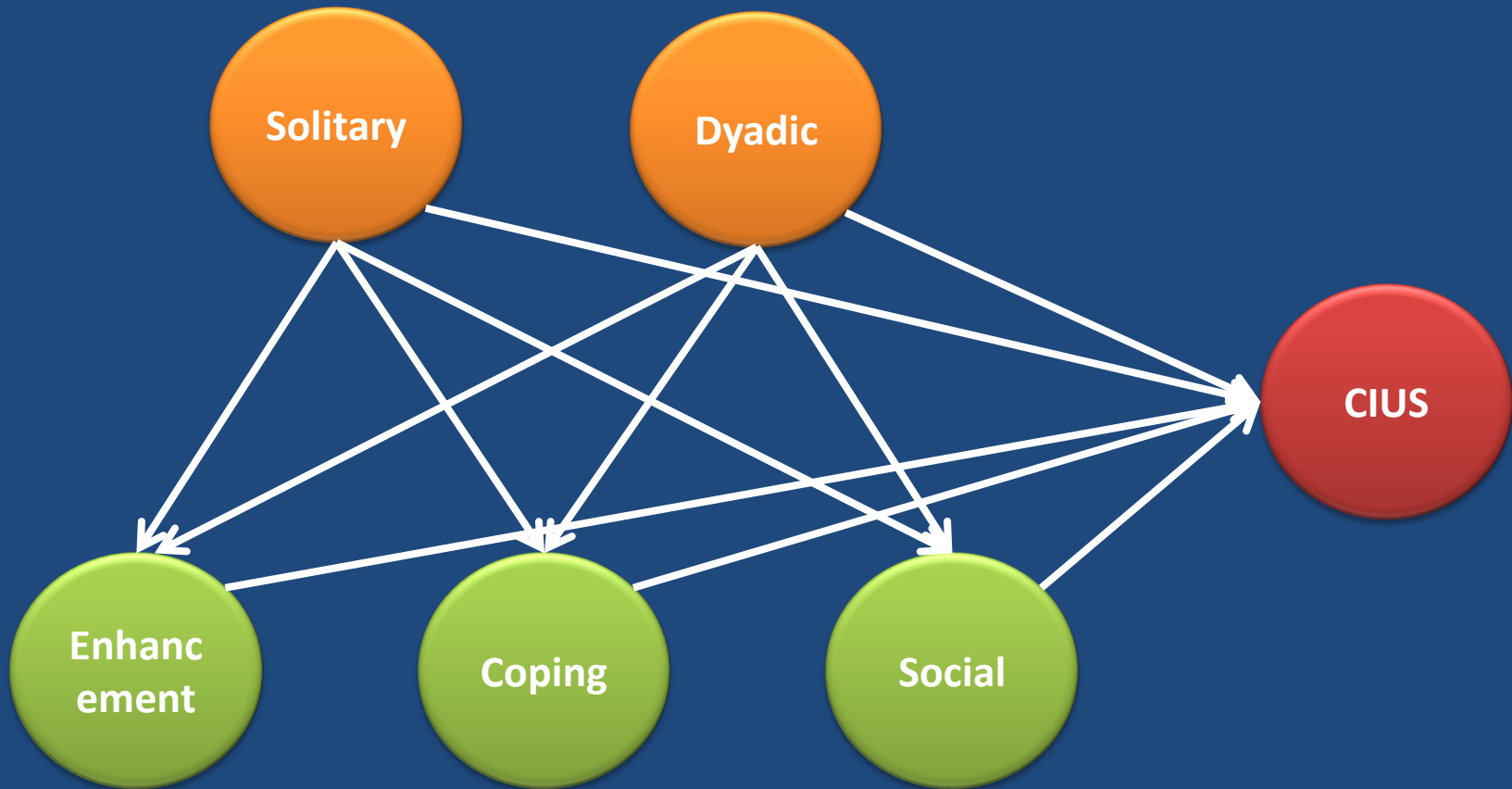
Tested model



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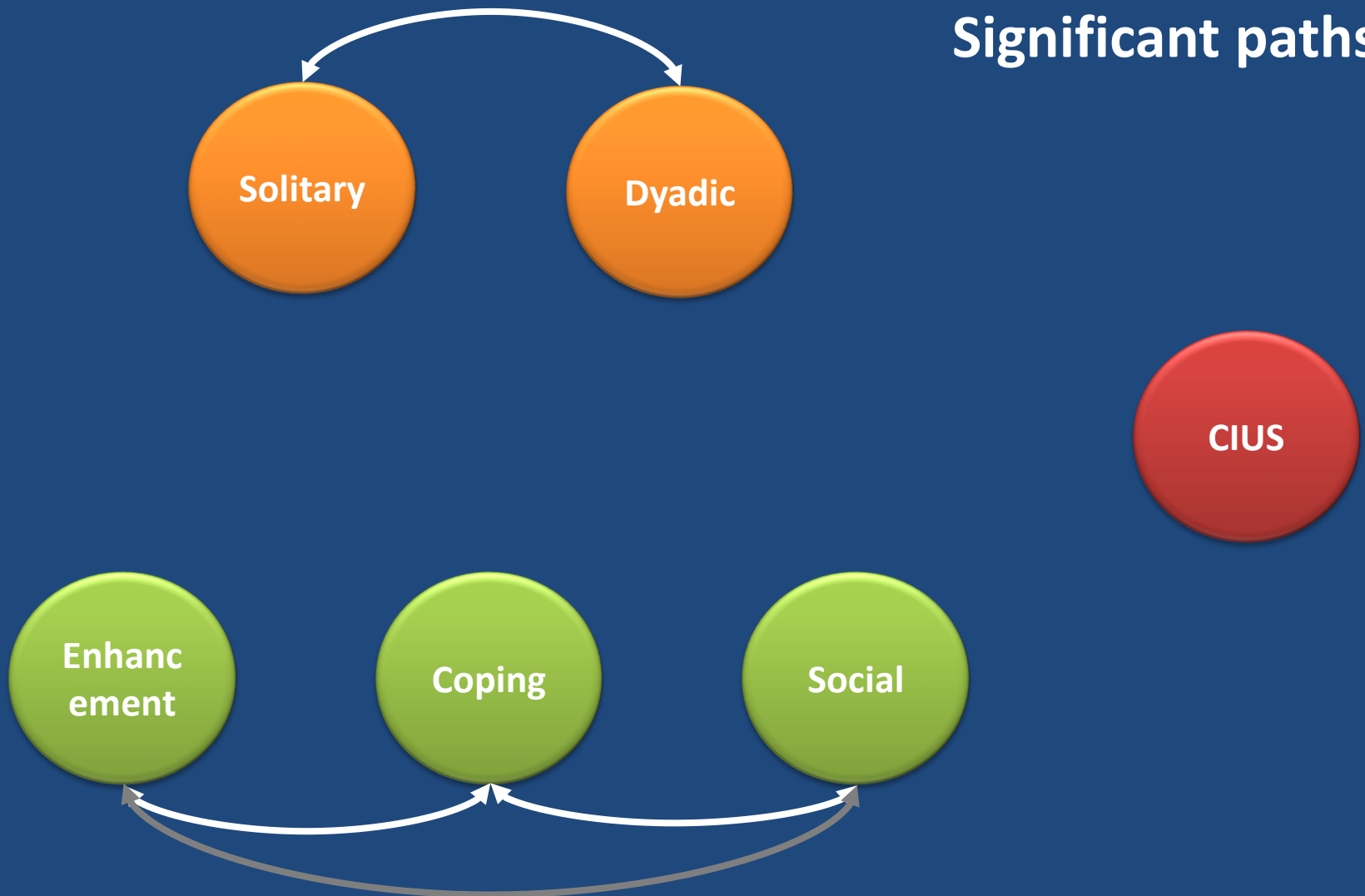
Tested model



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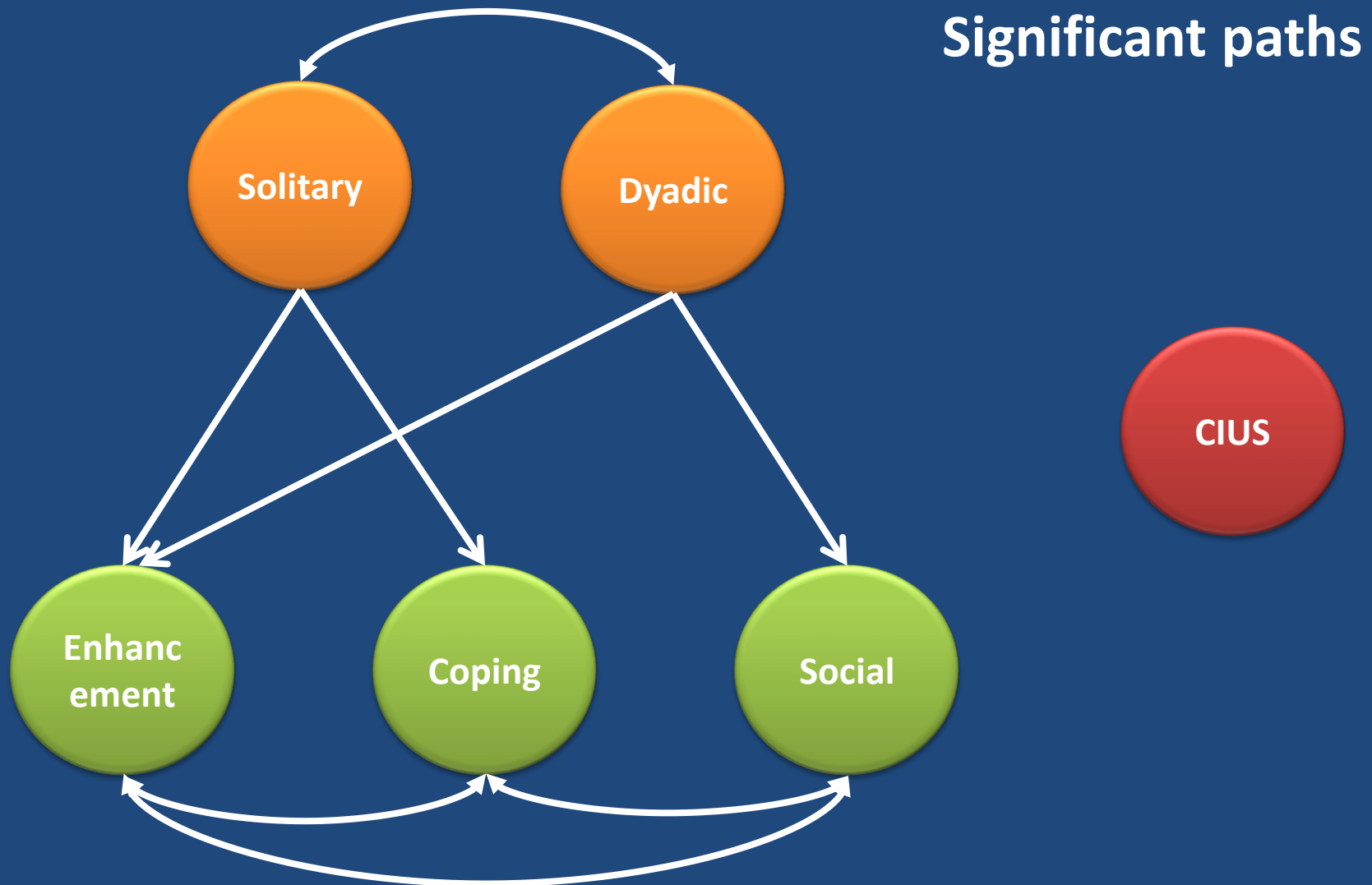
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Significant paths



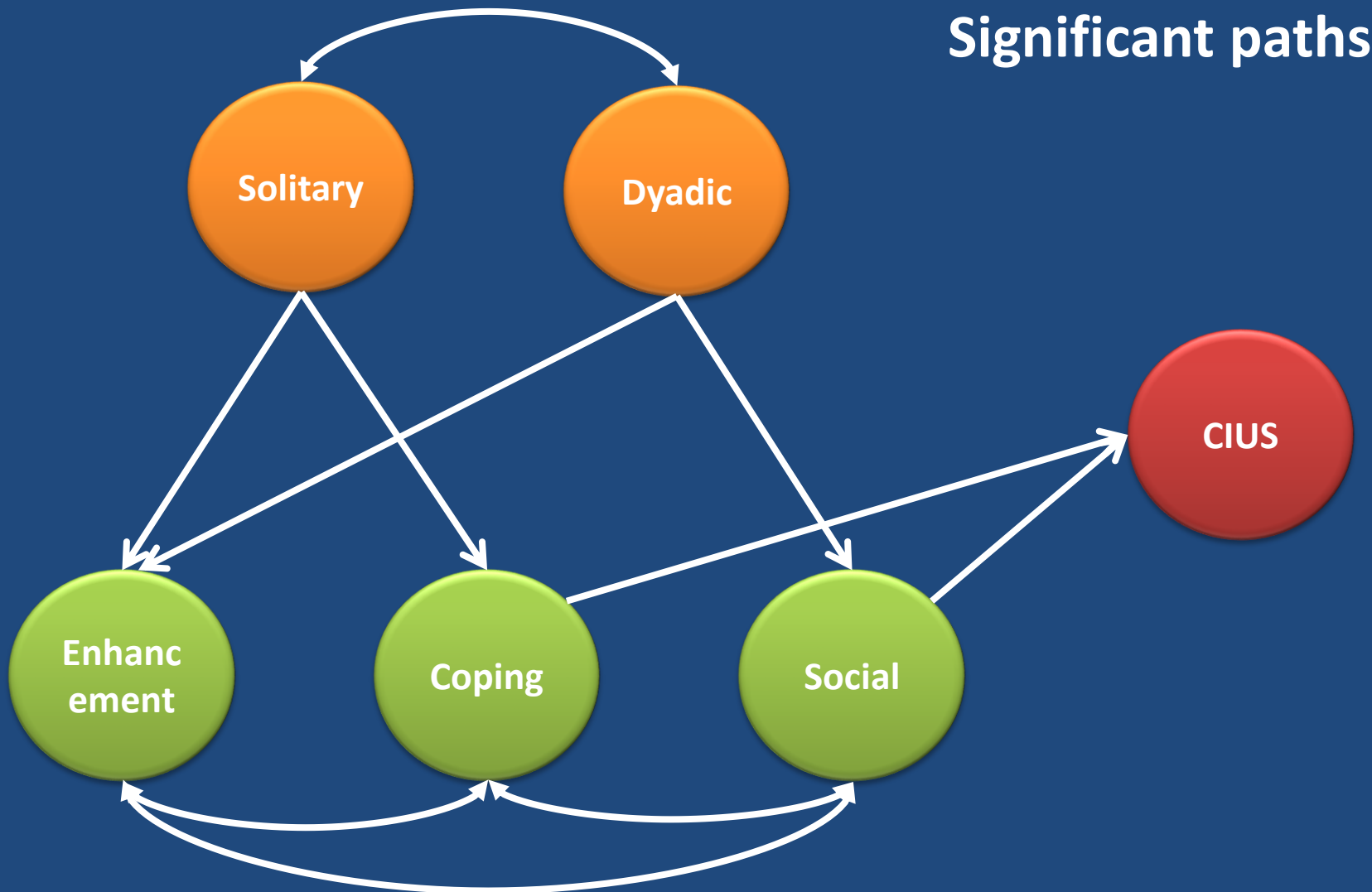
# RESULTS: STRUCTURAL EQUATION MODELLING

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# CONCLUSIONS

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- Cybersex users are mainly in a relationship

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- No interaction between gender and sexual orientation
- CIUS scores cover the whole range



# CONCLUSIONS

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- Linear regression suggests an association between the enhancement motives and CIUS

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- SEM shows
  - No direct effect of SDI on CIUS

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- Linear regression suggests an association between the enhancement motives and CIUS
- SEM shows
  - No direct effect of SDI on CIUS
  - Every motivation scale is associated with CIUS

# FUTURE ANALYSES

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- SEM by gender and/or Sexual orientation



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