

Supplementary Materials

Supplementary Table 1 – Participant age by category

	<i>n</i>	<i>Min</i>	<i>Age</i>		
			<i>Max</i>	<i>M</i>	<i>SD</i>
Male heterosexual	529	18	61	29.9	9.10
Female heterosexual	211	18	64	31.8	11.1
LGBTQ+	194	18	56	26.7	7.04

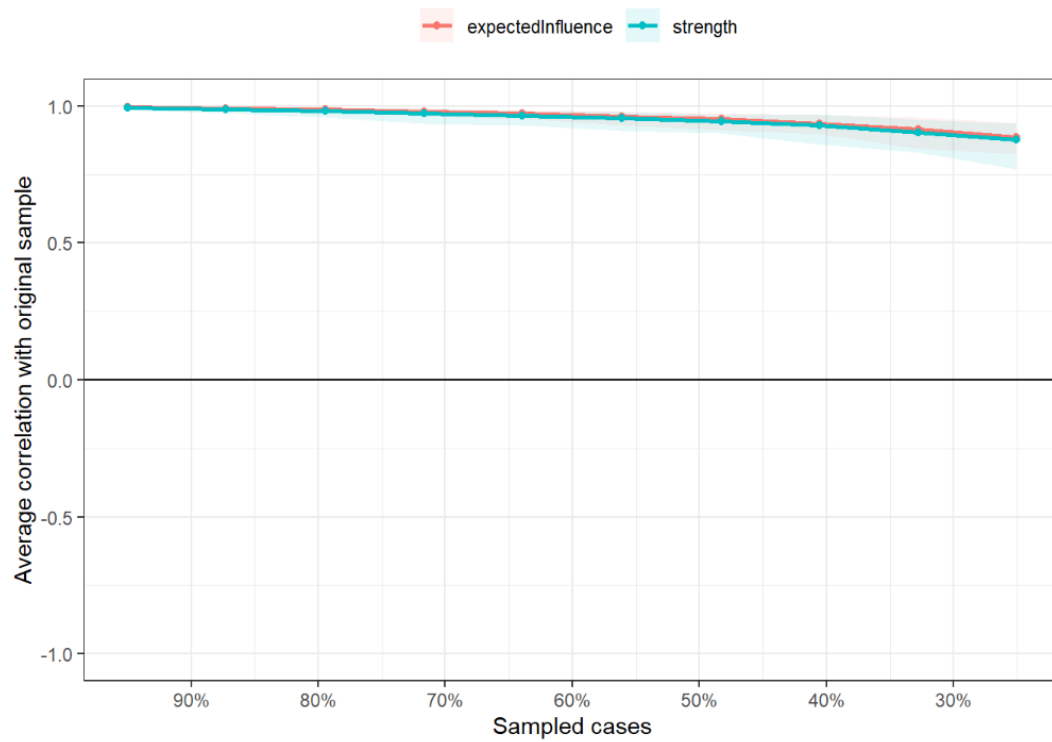
Supplementary Table 2 – Demographic data

	Category		
	Female Hetero	Male Hetero	LGBTQ+
Gender			
Female	211	0	85
Male	0	529	86
Trans/Non-binary	0	0	21
Gender Queer	0	0	1
Other	0	0	1
Sexual Orientation			
Heterosexual/Straight	211	529	2
Homosexual/Gay	0	0	50
Bisexual	0	0	124
Unidentified/Other	0	0	18*
Sexual Orientation Text*			
Demi Pansexual	0	0	1
Pansexual	0	0	12
Queer	0	0	5
Race/Ethnic Background			
Black/African-American	16	23	16
White/Caucasian	122	321	125
Asian	47	110	26
Hispanic/Latino	5	30	10
Aboriginal/Torres Strait Islander	1	0	0
Indigenous	1	1	1
Indian	1	4	0
Pacific Islander	1	2	1
Middle-Eastern	0	1	2
Mixed	17	36	12
Other	0	1	1
Education			
Elementary or Middle School	1	6	4

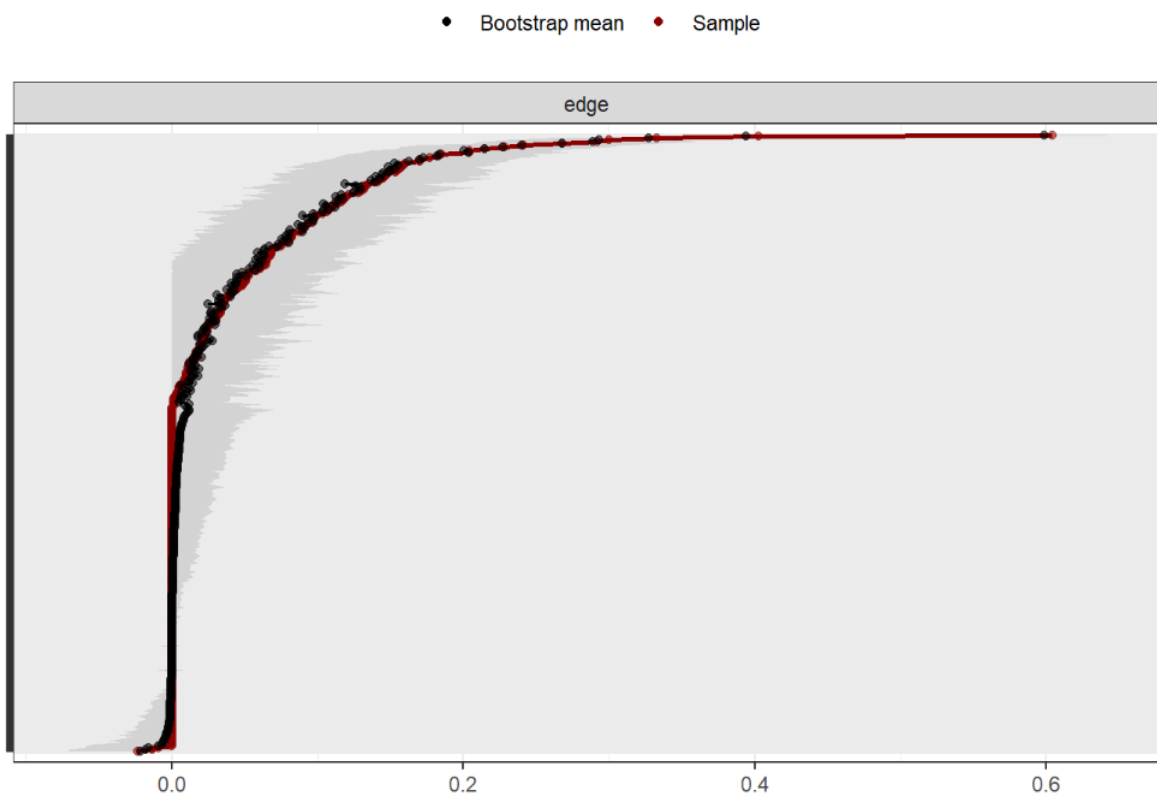
Supplementary Table 2 – Demographic data

	Category		
	Female Hetero	Male Hetero	LGBTQ+
High School or Equivalent	43	136	59
Vocational/Technical school/TAFE	17	49	16
Some Tertiary Education	41	87	54
Bachelor's Degree	56	124	29
Honours Degree or equivalent	25	62	21
Masters Degree	18	42	6
Doctoral Degree	3	4	2
Professional Degree	5	8	1
Other	1	8	1
Prefer not to say	1	3	1
Employment			
Full-time	67	217	45
Part-time	28	53	23
Casual	6	11	6
Self-employed	15	40	9
Retired	2	3	0
Unemployed	33	92	54
Full-time Student	29	81	26
Other	31	32	31
Romantic Relationship			
Yes	137	215	88
No	65	298	102
Prefer not to say	9	16	4
Marital Status			
Single	94	339	132
Living with another	43	53	36
Married	58	111	18
Separated	1	4	0
Divorced	8	8	4
Widowed	2	1	0
Prefer not to say	3	9	3
Other	2	4	1

Supplementary Figure 1 - Results of case-dropping subset bootstrapping



Supplementary Figure 2 - Variance between means scores of bootstrap and original samples



Supplementary Table 3. Variant network edges between subgroups

Node 1	Node 2	<i>p</i>	<i>E</i>
<i>Variance between heterosexual male and heterosexual female subgroups</i>			
SX6 – Amount of sex has negative impact (tolerance)	DS17 - Felt Unworthy/Worthless (Dep)	0.04	0.03
SX5 – troubled if prohibited (withdrawal)	DS10 - Nothing to look forward to (Dep)	0.02	0.04
SX5 – troubled if prohibited (withdrawal)	DS20 - Scared without reason (Anx)	0.03	0.06
SX5 – troubled if prohibited (withdrawal)	DS21 - Life was Meaningless (Dep)	0.04	0.08
SX3 – use sex to escape (mood mod.)	DS1 - Hard to wind down (Str)	0.02	0.04
SX3 – use sex to escape (mood mod.)	DS10 - Nothing to look forward to (Dep)	0.02	0.09
SX3 – use sex to escape (mood mod.)	DS15 - Close to panic (Anx)	0.04	0.02
SX2 – increased sexual urges (tolerance)	DS9 - Make a fool (Anx)	0.02	0.01
SX2 – increased sexual urges (tolerance)	SX6 – Amount of sex has negative impact (tolerance)	0.03	0.05
SX2 – increased sexual urges (tolerance)	DS13 - Down-hearted (Dep)	0.04	0.03
SX1 – think about sex (salience)	DS19 - Awareness of heart (Anx)	0.02	0.03
SX1 – think about sex (salience)	DS21 - Life was Meaningless (Dep)	0.04	0.02
DS7 – Trembling (Anx)	DS9 - Make a fool (Anx)	0.04	0.15
DS5 - No initiative (Dep)	DS7 – Trembling (Anx)	0.04	0.01
DS5 - No initiative (Dep)	DS15 - Close to panic (Anx)	0.04	0.02
DS4 - Breathing difficulties (Anx)	DS15 - Close to panic (Anx)	0.03	0.18
DS2 - Dryness of mouth (Anx)	DS7 – Trembling (Anx)	0.02	0.15
DS14 - Intolerant (Str)	DS20 - Scared without reason (Anx)	0.02	0.06
DS12 - Difficult to relax (Str)	DS17 - Felt Unworthy/Worthless (Dep)	0.04	0.11
DS10 - Nothing to look forward to (Dep)	DS12 - Difficult to relax (Str)	<0.05	0.07
<i>Variance between heterosexual male and LGBTQ+ subgroups</i>			
SX6 – Amount of sex has negative impact (tolerance)	DS16 - No enthusiasm (Dep)	0.02	0.05
SX3 – use sex to escape (mood mod.)	DS2 - Dryness of mouth (Anx)	0.03	0.12
SX3 – use sex to escape (mood mod.)	SX4 – Unsuccessful attempts to reduce (relapse)	0.04	0.16
SX3 – use sex to escape (mood mod.)	DS6 - Over react (Str)	0.04	0.11
SX2 – increased sexual urges (tolerance)	DS16 - No enthusiasm (Dep)	0.02	0.01
SX1 – think about sex (salience)	SX3 – use sex to escape (mood mod.)	<0.05	0.14
DS8 - Nervous Energy (Str)	DS14 - Intolerant (Str)	0.01	0.13
DS6 - Over react (Str)	DS12 - Difficult to relax (Str)	0.03	0.18
DS5 - No initiative (Dep)	DS7 – Trembling (Anx)	0.02	0.04

DS3 - No positive feelings (Dep)	DS5 - No initiative (Dep)	0.04	0.14
DS3 - No positive feelings (Dep)	DS11 - Agitated (Str)	<0.05	0.09
DS2 - Dryness of mouth (Anx)	DS21 - Life was Meaningless (Dep)	<0.05	0.01
<i>Variance between heterosexual female and LGBTQ+ subgroups</i>			
SX6 – Amount of sex has negative impact (tolerance)	DS11 - Agitated (Str)	0.01	0.05
SX6 – Amount of sex has negative impact (tolerance)	DS16 - No enthusiasm (Dep)	0.03	0.05
SX6 – Amount of sex has negative impact (tolerance)	DS4 - Breathing difficulties (Anx)	0.04	0.16
SX5 – troubled if prohibited (withdrawal)	DS21 - Life was Meaningless (Dep)	0.01	0.08
SX4 – Unsuccessful attempts to reduce (relapse)	DS1 - Hard to wind down (Str)	0.04	0.02
SX4 – Unsuccessful attempts to reduce (relapse)	DS19 - Awareness of heart (Anx)	<0.05	0.03
SX3 – use sex to escape (mood mod.)	DS2 - Dryness of mouth (Anx)	0.01	0.13
SX3 – use sex to escape (mood mod.)	DS4 - Breathing difficulties (Anx)	0.02	0.02
SX3 – use sex to escape (mood mod.)	DS6 - Over react (Str)	0.02	0.11
SX3 – use sex to escape (mood mod.)	DS17 - Felt Unworthy/Worthless (Dep)	0.03	0.01
SX2 – increased sexual urges (tolerance)	DS9 - Make a fool (Anx)	0.01	0.05
SX2 – increased sexual urges (tolerance)	DS13 - Down-hearted (Dep)	0.01	0.03
SX1 – think about sex (salience)	SX3 – use sex to escape (mood mod.)	0.04	0.20
DS9 - Make a fool (Anx)	DS15 - Close to panic (Anx)	0.01	0.19
DS6 - Over react (Str)	DS12 - Difficult to relax (Str)	0.01	0.18
DS2 - Dryness of mouth (Anx)	DS20 - Scared without reason (Anx)	0.02	0.07
DS12 - Difficult to relax (Str)	DS19 - Awareness of heart (Anx)	<0.05	0.10
DS10 - Nothing to look forward to (Dep)	DS12 - Difficult to relax (Str)	0.03	0.07
DS1 - Hard to wind down (Str)	DS8 - Nervous Energy (Str)	0.02	0.14

Supplementary Table 4. One-Way ANOVA

		F	df1	df2	p
Sex total	Welch's	33.2	2	423	< .001
	Fisher's	28.8	2	930	< .001
Depression	Welch's	26.2	2	401	< .001
	Fisher's	26.8	2	930	< .001
Anxiety	Welch's	27.1	2	383	< .001
	Fisher's	29.6	2	930	< .001
Stress	Welch's	37.5	2	395	< .001
	Fisher's	38.8	2	930	< .001

Assumption Checks

Supplementary Table 5. Homogeneity of Variances Tests

		Statistic	df	df2	p
Sex total	Levene's	3.93	2	930	0.020
	Bartlett's	5.31	2		0.070
Depression	Levene's	1.05	2	930	0.352
	Bartlett's	1.65	2		0.439
Anxiety	Levene's	7.27	2	930	< .001
	Bartlett's	11.09	2		0.004
Stress	Levene's	1.93	2	930	0.146
	Bartlett's	3.77	2		0.152

Supplementary Table 6. Normality Tests

		statistic	p
Sex total	Shapiro-Wilk	0.962	< .001
	Kolmogorov-Smirnov	0.0714	< .001
	Anderson-Darling	6.97	< .001
Depression	Shapiro-Wilk	0.958	< .001
	Kolmogorov-Smirnov	0.0808	< .001
	Anderson-Darling	10.53	< .001
Anxiety	Shapiro-Wilk	0.921	< .001

Supplementary Table 6. Normality Tests

		statistic	p
Stress	Kolmogorov-Smirnov	0.1265	< .001
	Anderson-Darling	20.48	< .001
	Shapiro-Wilk	0.972	< .001
	Kolmogorov-Smirnov	0.0792	< .001
	Anderson-Darling	6.47	< .001

Post Hoc Tests

Supplementary Table 7. Games-Howell Post-Hoc Test – Sex total

		1	2	3
1	Mean difference	—	-2.98 ***	-2.778 ***
	p-value	—	< .001	< .001
2	Mean difference		—	0.207
	p-value		—	0.879
3	Mean difference			—
	p-value			—

Note. * $p < .05$, ** $p < .01$, *** $p < .001$

Supplementary Table 8. Games-Howell Post-Hoc Test – Depression

		1	2	3
1	Mean difference	—	1.08	-2.45 ***
	p-value	—	0.064	< .001
2	Mean difference		—	-3.53 ***
	p-value		—	< .001
3	Mean difference			—
	p-value			—

Note. * $p < .05$, ** $p < .01$, *** $p < .001$

Supplementary Table 9. Games-Howell Post-Hoc Test – Anxiety

		1	2	3
1	Mean difference	—	1.23 **	-1.51 **
	p-value	—	0.002	0.004
2	Mean difference		—	-2.74 ***
	p-value		—	< .001
3	Mean difference			—
	p-value			—

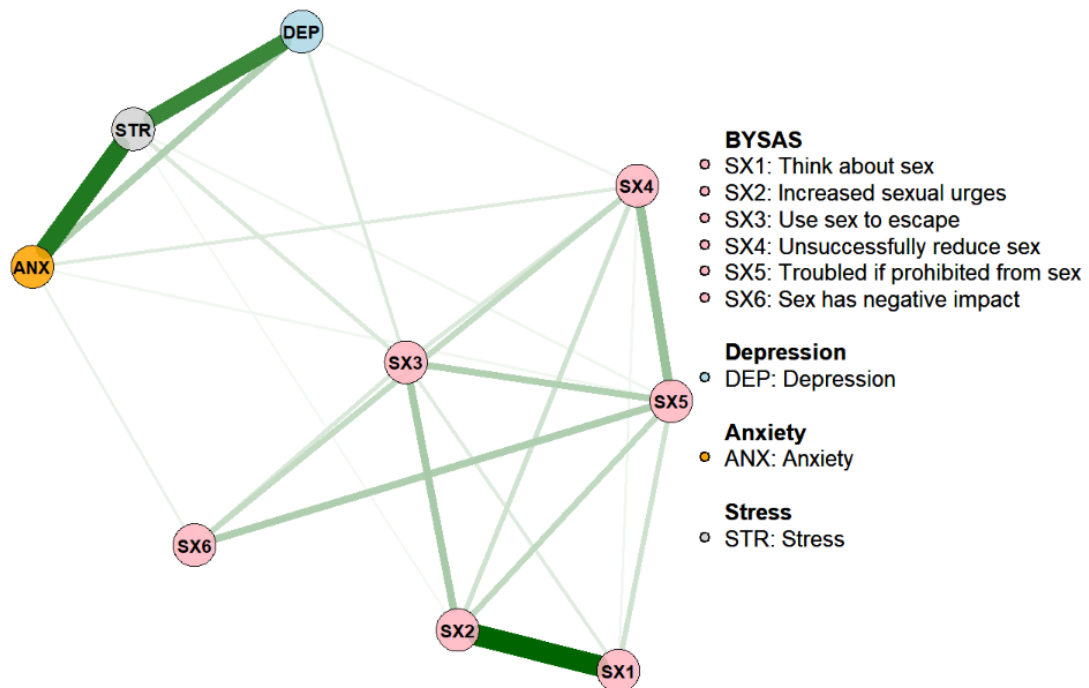
Note. * $p < .05$, ** $p < .01$, *** $p < .001$

Supplementary Table 10. Games-Howell Post-Hoc Test – Stress

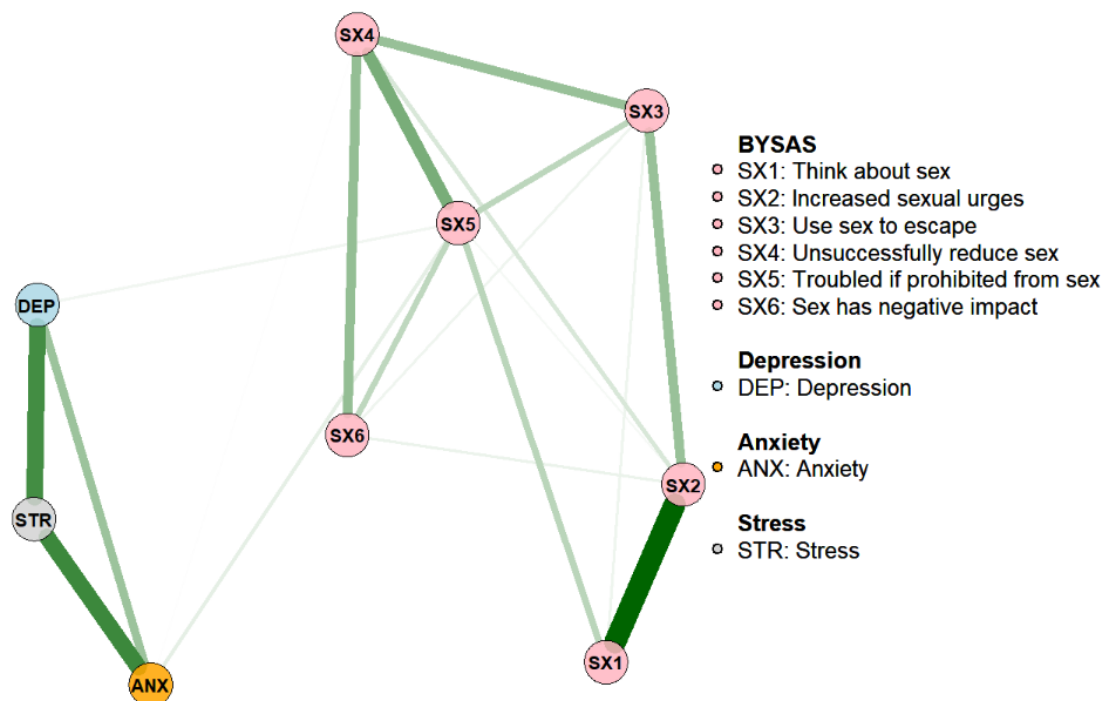
		1	2	3
1	Mean difference	—	1.98 ***	-1.30 *
	p-value	—	< .001	0.024
2	Mean difference		—	-3.28 ***
	p-value		—	< .001
3	Mean difference			—
	p-value			—

Note. * $p < .05$, ** $p < .01$, *** $p < .001$

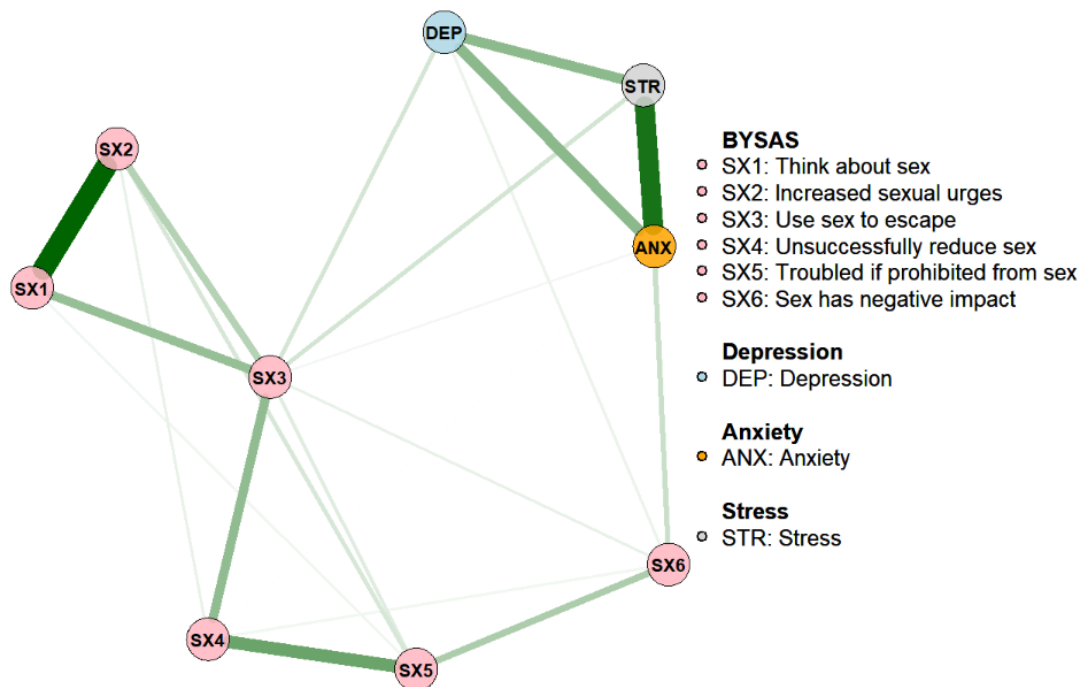
Supplementary Figure 3a. Partial correlation network of sexual addiction, depression, anxiety and stress for heterosexual males



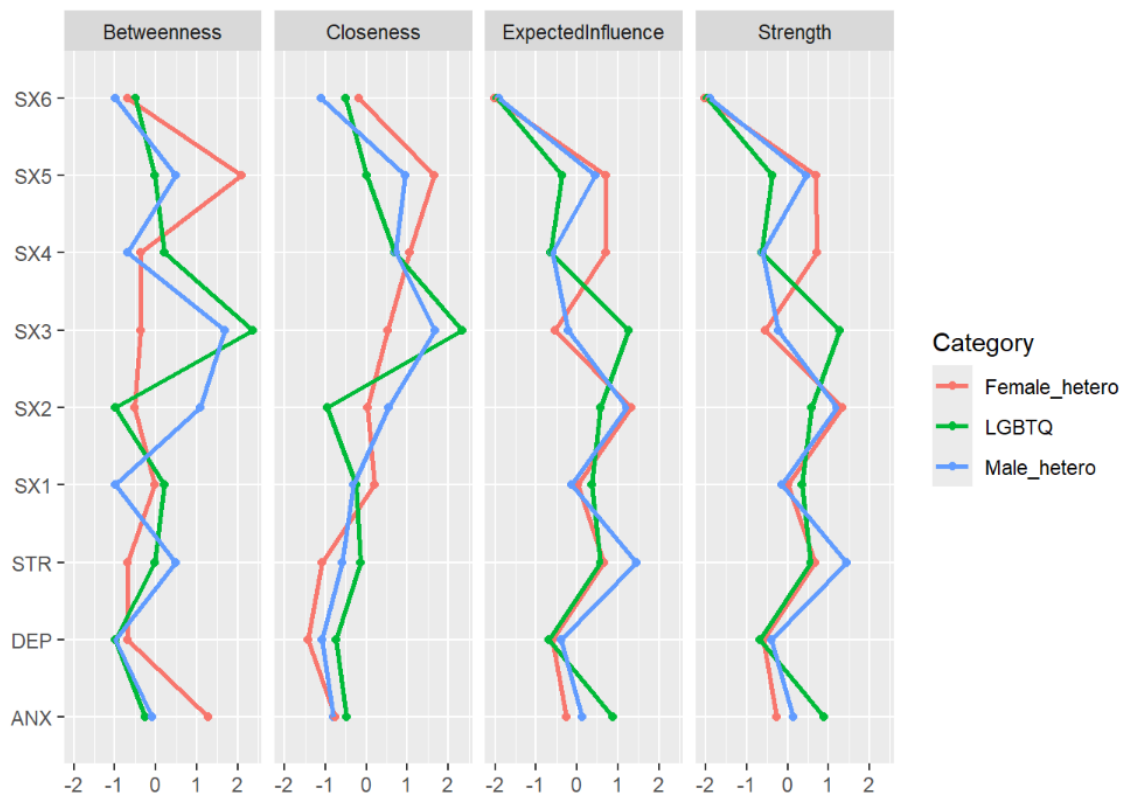
Supplementary Figure 3b. Partial correlation network of sexual addiction, depression, anxiety and stress for heterosexual females



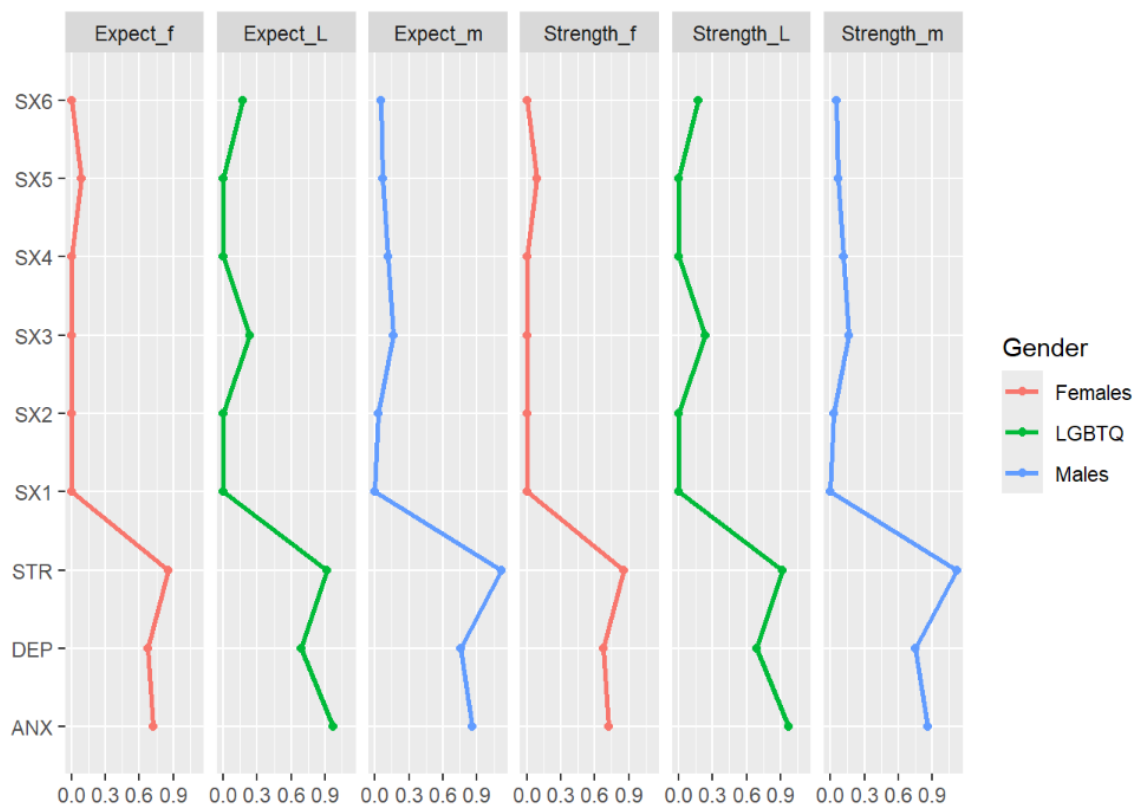
Supplementary Figure 3c. Partial correlation network of sexual addiction, depression, anxiety and stress for LGBTQ+ subgroup



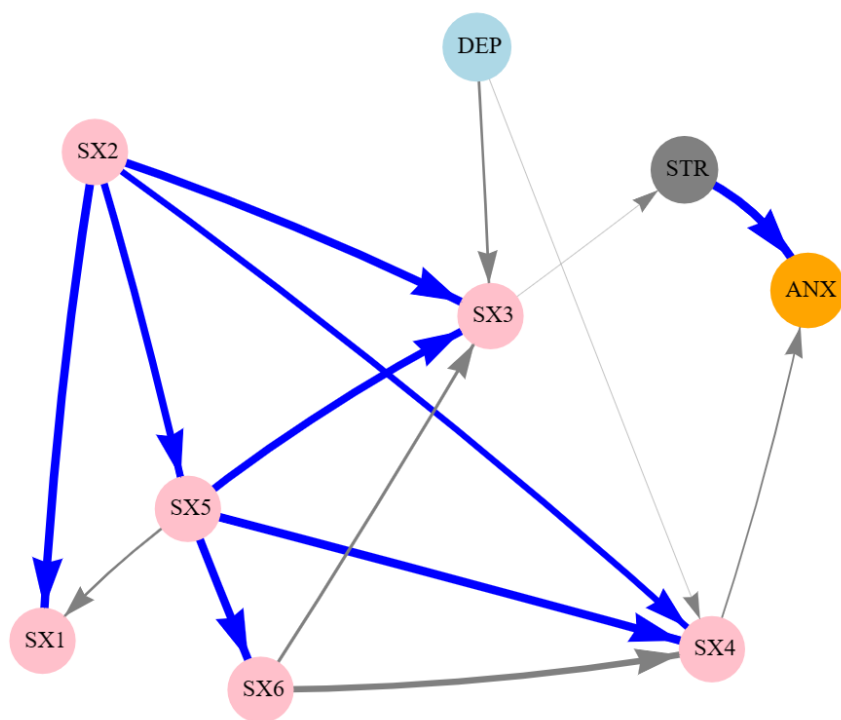
Supplementary Figure 4a. Comparison of centrality indices between subgroups



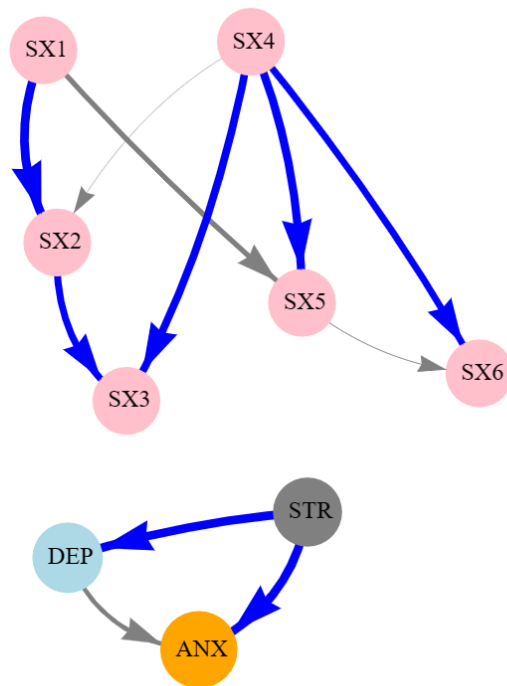
Supplementary Figure 4b. Comparison of bridge centrality between subgroups



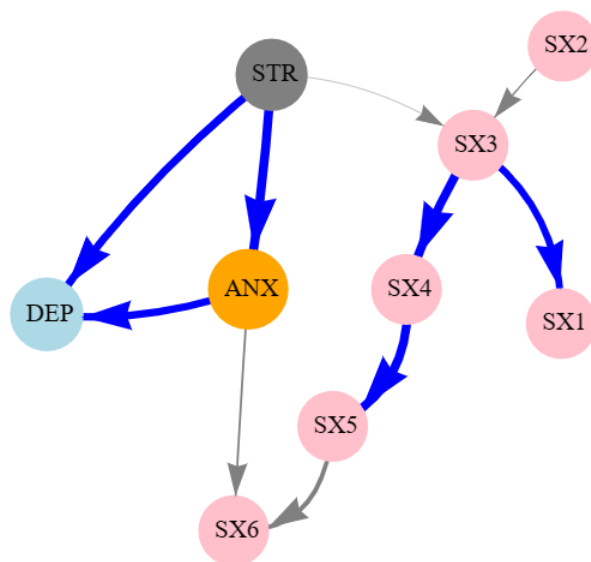
Supplementary Figure 5a. DAG depicting directed relationships between depression, anxiety and stress with symptoms of sexual addiction for heterosexual males



Supplementary Figure 5b. DAG depicting directed relationships between depression, anxiety and stress with symptoms of sexual addiction for heterosexual females



Supplementary Figure 5c. DAG depicting directed relationships between depression, anxiety and stress with symptoms of sexual addiction for LGBTQ+ subgroup



Supplementary Table 11. Male heterosexual edge weight matrix - scores indicate partial correlation between symptoms of sexual addiction, depression, anxiety and stress

	SX1	SX2	SX3	SX4	SX5	SX6	DEP	ANX	STR
SX1	-								
SX2	0.58	-							
SX3	0.07	0.20	-						
SX4	0.04	0.11	0.08	-					
SX5	0.11	0.14	0.18	0.23	-				
SX6	-	-	0.09	0.14	0.18	-			
DEP	-	-	0.08	0.04	-	-	-		
ANX	-	-	-	0.08	0.04	0.05	0.18	-	
STR	-	0.03	0.08	-	0.04	-	0.45	0.51	-

Supplementary Table 12. Female heterosexual edge weight matrix - scores indicate partial correlation between symptoms of sexual addiction, depression, anxiety and stress

	SX1	SX2	SX3	SX4	SX5	SX6	DEP	ANX	STR
SX1	-								
SX2	0.57	-							
SX3	0.04	0.23	-						
SX4	-	0.09	0.23	-					
SX5	0.15	0.02	0.15	0.30	-				
SX6	-	0.05	0.04	0.24	0.15	-			
DEP	-	-	-	-	0.03	-	-		
ANX	-	-	-	0.01	0.06	-	0.22	-	
STR	-	-	-	-	-	-	0.42	0.43	-

Supplementary Table 13. LGBTQ edge weight matrix - scores indicate partial correlation between symptoms of sexual addiction, depression, anxiety and stress

	SX1	SX2	SX3	SX4	SX5	SX6	DEP	ANX	STR
SX1	-								
SX2	0.60	-							
SX3	0.25	0.17	-						
SX4	-	0.05	0.26	-					
SX5	0.03	0.09	0.07	0.35	-				
SX6	-	-	0.06	0.03	0.20	-			
DEP	-	-	0.10	-	-	0.05	-		
ANX	-	-	0.03	0.00	-	0.13	0.27	-	
STR	-	-	0.10	-	-	-	0.27	0.54	-

Supplementary Table 14. Node Centrality Index (z scores) for heterosexual male subgroup by total scores of depression, anxiety and stress

Node	Betweenness	Closeness	Strength	Expected Influence	Bridge Strength	Bridge Exp. Inf.
SX1	-0.99	-0.31	-0.13	-0.13	-0.82	-0.82
SX2	1.09	0.55	1.22	1.22	-0.74	-0.74
SX3	1.69	1.67	-0.22	-0.22	-0.43	-0.43
SX4	-0.70	0.72	-0.60	-0.60	-0.54	-0.54
SX5	0.50	0.95	0.45	0.45	-0.65	-0.65
SX6	-0.99	-1.11	-1.90	-1.90	-0.70	-0.70
DEP	-0.99	-1.07	-0.40	-0.40	0.93	0.93
ANX	-0.10	-0.80	0.13	0.13	1.17	1.17
STR	0.50	-0.60	1.45	1.45	1.77	1.77

Supplementary Table 15. Node Centrality Index (z scores) for heterosexual female subgroup by total scores of depression, anxiety and stress

Node	Betweenness	Closeness	Strength	Expected Influence	Bridge Strength	Bridge Exp. Inf.
SX1	-0.04	0.20	0.02	0.02	-0.70	-0.70
SX2	-0.53	0.03	1.33	1.33	-0.70	-0.70
SX3	-0.36	0.51	-0.54	-0.54	-0.70	-0.70
SX4	-0.36	1.06	0.71	0.71	-0.69	-0.69
SX5	2.10	1.66	0.70	0.70	-0.46	-0.46
SX6	-0.69	-0.20	-2.02	-2.02	-0.70	-0.70
DEP	-0.69	-1.44	-0.59	-0.59	1.11	1.11
ANX	1.28	-0.75	-0.27	-0.27	1.24	1.24
STR	-0.69	-1.08	0.66	0.66	1.60	1.60

Supplementary Table 16. Node Centrality Index (z scores) for LGBTQ+ subgroup by total scores of depression, anxiety and stress

Node	Betweenness	Closeness	Strength	Expected Influence	Bridge Strength	Bridge Exp. Inf.
SX1	0.21	-0.25	0.36	0.36	-0.81	-0.81
SX2	-0.99	-0.95	0.58	0.58	-0.81	-0.81
SX3	2.37	2.35	1.26	1.26	-0.23	-0.23
SX4	0.21	0.70	-0.64	-0.64	-0.80	-0.80
SX5	-0.03	0.02	-0.37	-0.37	-0.81	-0.81
SX6	-0.51	-0.50	-1.96	-1.96	-0.39	-0.39
DEP	-0.99	-0.73	-0.68	-0.68	0.87	0.87
ANX	-0.27	-0.48	0.88	0.88	1.56	1.56
STR	-0.03	-0.14	0.57	0.57	1.42	1.42

Supplementary table 17. Estimated strength and directional probability between sexual addiction, depression, anxiety and stress

Parent node (from)	Descendent node (to)	Probable influence	
		Strength	Direction
Heterosexual Males			
SX6:Amount of sex has negative impact (conflict)	SX4:Unsuccessful attempts to reduce (relapse)	0.89	0.64
SX6:Amount of sex has negative impact (conflict)	SX3:Use sex to escape (mood mod.)	0.73	0.60
SX5:Restless if prohibited from sex (withdrawal)	SX4:Unsuccessful attempts to reduce (relapse)	1.00	0.80
SX5:Restless if prohibited from sex (withdrawal)	SX6:Amount of sex has negative impact (conflict)	0.99	0.64
SX5:Restless if prohibited from sex (withdrawal)	SX3:Use sex to escape (mood mod.)	0.96	0.58
SX5:Restless if prohibited from sex (withdrawal)	SX1:Time thinking about sex (salience)	0.69	0.55
SX4:Unsuccessful attempts to reduce (relapse)	Anxiety	0.65	0.57
SX3:Use sex to escape (mood mod.)	Stress	0.57	0.65
SX2:Increased sexual urges (tolerance)	SX1:Time thinking about sex (salience)	1.00	0.61
SX2:Increased sexual urges (tolerance)	SX3:Use sex to escape (mood mod.)	0.99	0.68
SX2:Increased sexual urges (tolerance)	SX5:Restless if prohibited from sex (withdrawal)	0.94	0.55
SX2:Increased sexual urges (tolerance)	SX4:Unsuccessful attempts to reduce (relapse)	0.89	0.81
Stress	Depression	1.00	0.66
Stress	Anxiety	1.00	0.57
Depression	SX3:Use sex to escape (mood mod.)	0.70	0.51
Depression	SX4:Unsuccessful attempts to reduce (relapse)	0.58	0.54
Anxiety	Depression	0.89	0.52
Heterosexual Females			
SX5:Restless if prohibited from sex (withdrawal)	SX6:Amount of sex has negative impact (conflict)	0.66	0.65
SX4:Unsuccessful attempts to reduce (relapse)	SX5:Restless if prohibited from sex (withdrawal)	0.98	0.61
SX4:Unsuccessful attempts to reduce (relapse)	SX3:Use sex to escape (mood mod.)	0.96	0.54
SX4:Unsuccessful attempts to reduce (relapse)	SX6:Amount of sex has negative impact (conflict)	0.92	0.70
SX4:Unsuccessful attempts to reduce (relapse)	SX2:Increased sexual urges (tolerance)	0.63	0.55
SX2:Increased sexual urges (tolerance)	SX3:Use sex to escape (mood mod.)	0.92	0.58
SX1:Time thinking about sex (salience)	SX2:Increased sexual urges (tolerance)	1.00	0.55
SX1:Time thinking about sex (salience)	SX5:Restless if prohibited from sex (withdrawal)	0.85	0.71

Stress	Depression	1.00	0.57
Stress	Anxiety	1.00	0.59
Depression	Anxiety	0.82	0.51
LGBTQ+			
SX5:Restless if prohibited from sex (withdrawal)	SX6:Amount of sex has negative impact (conflict)	0.83	0.74
SX4:Unsuccessful attempts to reduce (relapse)	SX5:Restless if prohibited from sex (withdrawal)	1.00	0.66
SX3:Use sex to escape (mood mod.)	SX4:Unsuccessful attempts to reduce (relapse)	1.00	0.62
SX3:Use sex to escape (mood mod.)	SX1:Time thinking about sex (salience)	0.92	0.53
SX2:Increased sexual urges (tolerance)	SX3:Use sex to escape (mood mod.)	0.72	0.57
SX1:Time thinking about sex (salience)	SX2:Increased sexual urges (tolerance)	1.00	0.51
Stress	Anxiety	1.00	0.56
Stress	Depression	0.96	0.64
Stress	SX3:Use sex to escape (mood mod.)	0.67	0.59
Anxiety	Depression	0.94	0.60
Anxiety	SX6:Amount of sex has negative impact (conflict)	0.74	0.74

Supplementary Table 18. Male heterosexual edge weight matrix - scores indicate partial correlation between symptoms of sexual addiction and distress

	SX1	SX2	SX3	SX4	SX5	SX6	DS1	DS2	DS3	DS4	DS5	DS6	DS7	DS8	DS9	DS10	DS11	DS12	DS13	DS14	DS15	DS16	DS17	DS18	DS19	DS20	DS21
SX1	-																										
SX2	0.58	-																									
SX3	0.08^	0.19	-																								
SX4	0.04	0.11	0.07^	-																							
SX5	0.11	0.14	0.18	0.23	-																						
SX6	-	-	0.09	0.13	0.17	-																					
DS1	-	-	0.04*	-	0.01	-	-																				
DS2	-	0.04	-	0.05	-	-	0.05	-																			
DS3	-	-	-	-	-	-	0.05	-	-																		
DS4	-	-	-	-	-	0.01	0.01	0.10	0.05	-																	
DS5	-	0.01	0.04	-	-	-0.06	0.04	0.07	-	-	-																
DS6	-	-	-	-	-	-	-	-	-	0.07	0.08	-															
DS7	-	-	-	-	0.07	0.07	0.01	-	0.02	0.17	-	0.03	-														
DS8	-	0.01	-	-	-	-	0.08	0.01	-	0.03	0.06	0.04	0.18	-													
DS9	-	-	0.05	0.02	-	0.04	-	0.08	0.01	-	0.02	0.18	0.01*	0.17	-												
DS10	-	-	0.09*	-	-	-	0.05	-	0.10	-	0.10	0.02	-	-	-	-											
DS11	-	0.03	-	-	-	-	-	0.03	-	0.06	0.02	0.16	-	0.02	-	0.09	-										
DS12	-	-	-	-	-	-	0.36	-	0.07	-	0.05	-	0.02	0.12	0.02	-	0.16	-									
DS13	-	-	-	-	-	-0.03	-	-	0.16	-	0.09	0.01	-	0.04	0.03	0.17	0.03	0.12	-								
DS14	0.01	-	0.02	-	-	0.10	0.09	0.04	0.10	0.05	0.05	0.06	-	-	-	-	0.18	-	-	-							
DS15	-	-	-	-0.04	-	-0.01	-	-	-	0.03*	-	0.14	0.04	0.13	0.08	-	0.01	0.07	0.03	-	-						
DS16	-	-	-	0.04	-	-	-	-	0.28	-	0.21	-	-	-	0.01	0.18	-	-	0.09	-	-	-					
DS17	-	-	-	0.02	-	-	-	-	0.02	-	0.03	-	-	-	0.09	0.08	0.06	-	0.12	-	0.11	0.12	-				
DS18	-	-	0.01	-	0.04	-	0.07	-	-	-	-	0.07	-	0.01	-	-	0.17	0.02	0.04	0.16	0.06	0.02	0.02	-			
DS19	-	-	-	0.09	0.02	-	-	0.09	-	0.23	-	-	0.15	0.05	0.01	-	-	0.02	-	0.04	0.13	-	0.01	0.05	-		
DS20	-	-	-	-	-	-	-	-	-	0.04	-	0.06	0.08	0.09	0.13	-	-	0.04	-	-	0.21	-	-	0.07	0.16	-	
DS21	-0.02	-	-	-	-	-	-	-	0.10	0.02	0.01	-	-	-	-	0.24	-	-	0.12	-	-	0.10	0.35	-	-	0.05	-

Note. * indicates significant variance to heterosexual female network ($p < .05$)

red border

^ indicates significant variance to LGBTQ+ network ($p < .05$)

purple border

Supplementary Table 19. Female heterosexual edge weight matrix - scores indicate partial correlation between symptoms of sexual addiction and distress

	SX1	SX2	SX3	SX4	SX5	SX6	DS1	DS2	DS3	DS4	DS5	DS6	DS7	DS8	DS9	DS10	DS11	DS12	DS13	DS14	DS15	DS16	DS17	DS18	DS19	DS20	DS21
SX1	-																										
SX2	0.60	-																									
SX3	0.03^	0.24	-																								
SX4	-	0.08	0.23	-																							
SX5	0.15	0.02	0.16	0.30	-																						
SX6	-	0.05*	0.03	0.25	0.15	-																					
DS1	-	-	-	-0.02^	-	-0.02	-																				
DS2	-	-	-0.01^	-	-	-	-	-																			
DS3	-	-	-	-	0.01	-	-	-	-																		
DS4	-	-	0.02^	-	-	-	-	0.14	0.06	-																	
DS5	-	-	-	-	-	-	0.04	-	0.03	0.05	-																
DS6	-	-	-	-	-	-	0.01	-	-	-	0.07	-															
DS7	-	-	-	-	-	-	-	0.15*	0.03	0.07	0.01*	-	-														
DS8	-	-	-	-	-	-	0.14^	-	-	-	-	0.14	0.10	-													
DS9	-	0.01	-	-	-	-	-	0.03	-	-	-	0.07	0.15*	0.25	-												
DS10	-	-	-	-	-0.04*	-	-	-	0.12	-	0.11	-	-	-	-	-											
DS11	-	-	-	-	-	-0.05^	0.01	0.01	-	-	-	0.19	-	0.06	0.02	0.14	-										
DS12	-	-	-	-	-	-	0.44	0.03	0.04	-	-	-	-	0.12	-	0.07	0.17	-									
DS13	-	-0.03	-	-	-	-	-	-	0.21	-	0.18	-	-	-	-	0.19	0.10	0.01	-								
DS14	-	-	-	-	0.07	-	0.02	-	0.06	0.11	-	0.15	-	-	0.01	-	0.12	-	0.04	-							
DS15	-	-	0.02*	-	-	0.03	-	-	-	0.21*	0.02*	0.02	-	-	0.19^	-	-	0.12	0.02	0.05	-						
DS16	-	-	-	-	-	-	-	0.05	0.31	-	0.16	-	-	-	-	0.13	-	-	0.13	0.03	-	-					
DS17	-	-	-	-	-	0.03	-	-	0.06	-	0.05	0.03	-	-	0.15	0.04	-	0.11*	0.02	0.02	0.04	0.11	-				
DS18	-	-	-	-	-	-	0.08	-	-	-	0.04	0.19	-	-	-	-	0.10	-	0.02	0.19	0.01	0.05	0.02	-			
DS19	0.03*	-	-	0.03^	-	-	-	0.09	-	0.22	-	-	0.07	0.09	0.01	-	-	-	-	-	0.20	-	0.01	0.11	-		
DS20	-	-	-	-	0.06*	-	0.01	0.07^	-	0.03	-	0.04	0.19	0.05	0.06	-	0.06	-	-	0.06*	0.21	-	0.01	-	0.10	-	
DS21	-	-	-	0.02	0.08	-	-	-	0.23	-	-	-	-	-	-	0.20	-	-	0.06	-	0.04	0.04	0.33	-	-	0.01	

Note. * indicates significant variance to heterosexual male network ($p < .05$)

red border

^ indicates significant variance to LGBTQ+ network ($p < .05$)

purple border

green fill indicates significant variance to all other networks ($p < .05$)

fill

Supplementary Table 20. LGBTQ+ edge weight matrix - scores indicate partial correlation between symptoms of sexual addiction and distress

	SX1	SX2	SX3	SX4	SX5	SX6	DS1	DS2	DS3	DS4	DS5	DS6	DS7	DS8	DS9	DS10	DS11	DS12	DS13	DS14	DS15	DS16	DS17	DS18	DS19	DS20	DS21
SX1	-																										
SX2	0.58	-																									
SX3	0.22	0.20	-																								
SX4	-	0.05	0.24	-																							
SX5	0.03	0.10	0.06	0.36	-																						
SX6	-	-	0.04	0.04	0.17	-																					
DS1	-	-	-	-	-	-	-																				
DS2	-	-	0.12	0.03	-	0.07	0.07	-																			
DS3	-	-	-	-	0.01	-	0.02	-	-																		
DS4	-	-	-	-	-	0.16^	0.05	0.07	0.04	-																	
DS5	-	-	-	-	-	-	-	0.04	0.14*	-	-																
DS6	-	-	0.11	-0.01	-	-	-	-	-	-	-	-															
DS7	-	0.01	-	-	0.01	-	-	0.07	-	0.13	0.04*	0.11	-														
DS8	-	-	-	-	-	-	-	-	-	-	0.04	0.11	0.13	-													
DS9	-	-0.04^	-	-	-	-	-	0.10	0.01	0.03	-	0.07	0.09	0.23	-												
DS10	-	-	-	-	-	-	-	-	0.07	-	-	-	-	-	0.04	-											
DS11	-	-	0.01	-	-	-	-	0.02	0.09*	-	0.04	0.08	0.04	0.07	0.04	0.04	-										
DS12	-	-	-	-	-	-0.02	0.37	-	0.03	-	0.03	0.18	-	0.11	0.02	-	0.11	-									
DS13	-	-	0.04	-	-	-	0.08	-	0.19	-	0.07	-	-	-	-	0.14	0.11	-	-								
DS14	-	-	0.05	-	-	-	0.03	-	-	-	-	0.05	-	0.13*	0.01	-	0.10	0.01	-	-							
DS15	-	0.02	-	-	-	-	-	-	-	0.08	-	0.10	0.09	0.11	-	-	0.01	0.05	-	0.11*	-						
DS16	-	0.01*	-	-	-	0.05	-	-	0.32	-	0.08	-	-	-	-	0.28	-	-	-	0.01	0.08	-					
DS17	-	-	0.01	-	-	-	-	0.01	-	-	0.13	-	0.01	-	0.12	0.11	-	0.07	0.12	-	0.07	0.10	-				
DS18	-	-	-	-0.04	0.01	-	0.08	-	0.02	-	0.02	0.23	0.03	-	-	-	0.17	0.02	0.03	0.11	0.03	-	0.01	-			
DS19	-	-	-	-	-	0.06	-	0.02	-	0.23	-	-	0.16	-	-	-	0.05	0.10^	-	0.07	0.05	-	-	-	-	-	
DS20	-	-	-	-	-	-	-	-	-	0.11	0.04	-	0.04	0.17	0.11	-	0.01	-	-	-	0.24	-	0.01	0.03	0.15	-	
DS21	-	-	0.04	0.01	-	-	-	0.01*	0.08	-	-	-	-	-	-	0.34	-	-	0.18	0.04	-	0.14	0.21	-	-	0.04	-

Note. * indicates significant variance to heterosexual male network ($p = <.05$)

^ indicates significant variance to heterosexual female network ($p = <.05$)

green fill indicates significant variance to all other networks ($p = <.05$)

red border

purple border

fill

Supplementary Table 21. Node Centrality Index (z scores) for heterosexual male subgroup for BYSAS and DASS21

Node	Between ness	Closenes s	Strength	Expected Influence	Bridge strength	Bridge Exp. Inf.
SX1:Time thinking about sex (salience)	-1.48	-2.55	-0.83	-0.81	-1.68	-1.72
SX2:Increased sexual urges (tolerance)	0.68	-1.87	1.34	1.28	-1.30	-1.20
SX3:Use sex to escape (mood mod.)	1.81	-0.71	-0.61	-0.39	-0.45	-0.32
SX4:Unsuccessful attempts to reduce (relapse)	0.34	-1.04	-0.84	-1.10	-0.43	-0.71
SX5:Restless if prohibited from sex (withdrawal)	0.42	-0.52	0.16	0.30	-1.12	-0.98
SX6:Amount of sex has negative impact (conflict)	0.25	-0.65	-1.84	-2.73	-0.08	-0.97
DS1:Hard to wind down (Str)	-1.39	-0.48	-0.64	-0.42	-0.39	-0.26
DS2:Dryness of mouth (Anx)	-1.31	-1.60	-2.89	-2.42	-0.17	-0.04
DS3:No positive feelings (Dep)	-0.44	0.08	0.15	0.28	-0.13	-0.01
DS4:Breathing difficulties (Anx)	-1.22	-0.21	-0.50	-0.29	-0.14	-0.01
DS5:No initiative (Dep)	-0.70	-0.35	-0.11	-0.72	0.93	0.41
DS6:Over react (Str)	-0.44	0.47	-0.19	-0.02	1.49	1.59
DS7:Trembling (Anx)	-0.18	0.02	-0.79	-0.55	0.34	0.46
DS8:Nervous Energy (Str)	0.25	0.89	0.79	0.86	2.52	2.60
DS9:Make a fool (Anx)	-0.61	0.90	0.04	0.19	1.74	1.83
DS10:Nothing to look forward to (Dep)	2.24	1.49	1.41	1.41	-0.36	-0.23
DS11:Agitated (Str)	0.77	1.45	0.61	0.69	0.03	0.15
DS12:Difficult to relax (Str)	0.94	0.52	0.96	1.00	0.47	0.58
DS13:Down-hearted (Dep)	-0.36	0.47	0.96	0.64	0.00	-0.18
DS14:Intolerant (Str)	0.60	0.67	-0.27	-0.09	0.52	0.63
DS15:Close to panic (Anx)	0.85	1.17	1.18	0.58	1.55	1.15
DS16:No enthusiasm (Dep)	0.42	0.53	0.79	0.85	-1.44	-1.30
DS17:Felt Unworthy/Worthless (Dep)	0.68	0.69	0.69	0.76	-0.11	0.02
DS18:Touchy (Str)	-1.39	-0.79	-0.96	-0.70	-0.05	0.07
DS19:Awareness of heart (Anx)	1.03	0.62	0.89	0.94	-0.29	-0.17
DS20:Scared without reason (Anx)	-1.31	0.13	0.02	0.17	-0.06	0.06
DS21:Life was Meaningless (Dep)	-0.44	0.68	0.48	0.30	-1.37	-1.45

Supplementary Table 22. Node Centrality Index (z scores) for heterosexual female subgroup for BYSAS and DASS21

Node	Between ness	Closenes s	Strength	Expected Influence	Bridge strength	Bridge Exp. Inf.
SX1:Time thinking about sex (salience)	0.05	-1.67	-0.82	-0.60	-1.50	-1.18
SX2:Increased sexual urges (tolerance)	-0.81	-1.94	0.74	0.48	-1.38	-1.45
SX3:Use sex to escape (mood mod.)	-0.76	-1.58	-1.27	-1.12	-1.35	-1.15
SX4:Unsuccessful attempts to reduce (relapse)	-0.72	-0.93	0.09	-0.07	-1.21	-1.24
SX5:Restless if prohibited from sex (withdrawal)	3.25	-0.09	0.74	0.37	0.11	-0.22
SX6:Amount of sex has negative impact (conflict)	-0.76	-1.55	-2.12	-2.69	-0.76	-1.45
DS1:Hard to wind down (Str)	-0.81	-0.07	-0.83	-1.19	-0.95	-1.29
DS2:Dryness of mouth (Anx)	-0.81	-1.24	-2.36	-2.12	-1.05	-0.88
DS3:No positive feelings (Dep)	0.46	0.68	1.58	1.62	-0.23	-0.04
DS4:Breathing difficulties (Anx)	0.10	0.47	-0.05	0.11	0.06	0.22
DS5:No initiative (Dep)	-0.81	-0.99	-1.02	-0.79	0.03	0.19
DS6:Over react (Str)	-0.35	0.68	-0.16	0.01	-0.06	0.11
DS7:Trembling (Anx)	-0.35	-0.32	-1.03	-0.80	-0.69	-0.45
DS8:Nervous Energy (Str)	-0.35	0.37	0.10	0.25	1.87	1.85
DS9:Make a fool (Anx)	0.87	1.13	0.09	0.24	1.94	1.91
DS10:Nothing to look forward to (Dep)	-0.56	0.68	0.78	0.41	0.07	-0.27
DS11:Agitated (Str)	0.26	0.95	0.59	0.08	0.97	0.38
DS12:Difficult to relax (Str)	0.01	0.56	1.15	1.22	1.01	1.08
DS13:Down-hearted (Dep)	-0.68	-0.27	0.53	0.28	-0.14	-0.34
DS14:Intolerant (Str)	0.38	0.95	-0.02	0.14	1.50	1.52
DS15:Close to panic (Anx)	0.30	0.82	1.65	1.69	0.88	0.95
DS16:No enthusiasm (Dep)	-0.35	0.04	0.57	0.68	-0.75	-0.51
DS17:Felt Unworthy/Worthless (Dep)	1.45	1.51	0.70	0.81	1.33	1.36
DS18:Touchy (Str)	-0.76	0.25	-0.79	-0.57	0.15	0.30
DS19:Awareness of heart (Anx)	-0.64	-0.25	0.33	0.46	0.29	0.43
DS20:Scared without reason (Anx)	0.05	0.18	0.30	0.44	0.51	0.62
DS21:Life was Meaningless (Dep)	2.35	1.66	0.54	0.66	-0.67	-0.43

Supplementary Table 23. Node Centrality Index (z scores) for LGBTQ+ subgroup for BYSAS and DASS21

Node	Between ness	Closeness	Strength	Expected Influence	Bridge strength	Bridge Exp. Inf.
SX1:Time thinking about sex (salience)	-1.14	-1.44	-0.53	-0.41	-1.71	-1.57
SX2:Increased sexual urges (tolerance)	-1.14	-1.55	0.54	0.17	-1.23	-1.53
SX3:Use sex to escape (mood mod.)	3.49	0.12	1.38	1.42	0.53	0.60
SX4:Unsuccessful attempts to reduce (relapse)	0.22	-0.86	-1.02	-1.43	-1.23	-1.63
SX5:Restless if prohibited from sex (withdrawal)	-0.03	-1.12	-1.06	-0.92	-1.51	-1.38
SX6:Amount of sex has negative impact (conflict)	0.16	-0.56	-1.99	-2.05	0.43	0.28
DS1:Hard to wind down (Str)	-0.52	0.87	-1.32	-1.17	-0.33	-0.23
DS2:Dryness of mouth (Anx)	-0.34	-0.17	-1.87	-1.70	0.50	0.57
DS3:No positive feelings (Dep)	-0.03	-0.81	0.66	0.73	-0.41	-0.31
DS4:Breathing difficulties (Anx)	0.09	-0.03	-0.07	0.03	-0.18	-0.08
DS5:No initiative (Dep)	-1.14	-1.93	-1.42	-1.27	-0.12	-0.03
DS6:Over react (Str)	2.32	1.80	0.79	0.73	0.66	0.62
DS7:Trembling (Anx)	-0.77	0.59	0.33	0.41	0.66	0.73
DS8:Nervous Energy (Str)	-0.22	1.57	1.20	1.24	2.39	2.41
DS9:Make a fool (Anx)	0.46	1.11	-0.19	-0.53	1.71	1.32
DS10:Nothing to look forward to (Dep)	-0.77	-0.75	0.67	0.73	-1.25	-1.13
DS11:Agitated (Str)	-0.03	0.60	0.50	0.57	1.05	1.10
DS12:Difficult to relax (Str)	0.28	1.68	1.38	1.18	0.22	0.08
DS13:Down-hearted (Dep)	-0.09	-0.55	0.32	0.40	-0.13	-0.04
DS14:Intolerant (Str)	-1.08	-0.05	-1.14	-1.00	0.06	0.15
DS15:Close to panic (Anx)	0.46	1.09	0.75	0.81	1.72	1.75
DS16:No enthusiasm (Dep)	0.53	-0.52	0.98	1.02	-0.81	-0.70
DS17:Felt Unworthy/Worthless (Dep)	0.59	-0.25	0.38	0.45	0.10	0.18
DS18:Touchy (Str)	-0.15	0.86	-0.57	-0.90	-0.40	-0.73
DS19:Awareness of heart (Anx)	-0.52	0.14	-0.12	-0.02	0.04	0.13
DS20:Scared without reason (Anx)	-0.28	0.52	0.18	0.27	0.09	0.18
DS21:Life was Meaningless (Dep)	-0.34	-0.35	1.21	1.25	-0.84	-0.73

Supplementary table 24. Estimated strength and directional probability between individual symptoms of distress and sexual addiction

Parent node (from)	Descendent node (to)	Probable influence	
		Strength	Direction
<i>Heterosexual males</i>			
SX2:Increased sexual urges (tolerance)	SX3:Use sex to escape (mood mod.)	1.00	0.82
SX2:Increased sexual urges (tolerance)	SX1:Time thinking about sex (salience)	1.00	0.64
DS9:Make a fool (Anx)	DS6:Over react (Str)	1.00	0.52
DS21:Life was Meaningless (Dep)	DS17:Felt Unworthy/Worthless (Dep)	1.00	0.61
DS21:Life was Meaningless (Dep)	DS10:Nothing to look forward to (Dep)	1.00	0.53
DS19:Awareness of heart (Anx)	DS4:Breathing difficulties (Anx)	1.00	0.86
DS16:No enthusiasm (Dep)	DS5:No initiative (Dep)	1.00	0.92
DS16:No enthusiasm (Dep)	DS3:No positive feelings (Dep)	1.00	0.66
DS15:Close to panic (Anx)	DS20:Scared without reason (Anx)	1.00	0.66
DS12:Difficult to relax (Str)	DS1:Hard to wind down (Str)	1.00	0.67
SX5:Restless if prohibited from sex (withdrawal)	SX4:Unsuccessful attempts to reduce (relapse)	1.00	0.80
DS12:Difficult to relax (Str)	DS11:Agitated (Str)	1.00	0.74
DS10:Nothing to look forward to (Dep)	DS16:No enthusiasm (Dep)	1.00	0.69
DS11:Agitated (Str)	DS14:Intolerant (Str)	0.99	0.92
SX5:Restless if prohibited from sex (withdrawal)	SX6:Amount of sex has negative impact (conflict)	0.99	0.79
DS8:Nervous Energy (Str)	DS9:Make a fool (Anx)	0.99	0.76
DS11:Agitated (Str)	DS6:Over react (Str)	0.99	0.71
DS10:Nothing to look forward to (Dep)	DS13:Down-hearted (Dep)	0.99	0.68
DS17:Felt Unworthy/Worthless (Dep)	DS15:Close to panic (Anx)	0.98	0.52
SX2:Increased sexual urges (tolerance)	SX5:Restless if prohibited from sex (withdrawal)	0.98	0.70
DS8:Nervous Energy (Str)	DS7:Trembling (Anx)	0.98	0.88
DS20:Scared without reason (Anx)	DS19:Awareness of heart (Anx)	0.97	0.68
DS10:Nothing to look forward to (Dep)	SX3:Use sex to escape (mood mod.)	0.97	0.82
SX5:Restless if prohibited from sex (withdrawal)	SX3:Use sex to escape (mood mod.)	0.96	0.55
DS15:Close to panic (Anx)	DS8:Nervous Energy (Str)	0.96	0.57

DS11:Agitated (Str)	DS18:Touchy (Str)	0.96	0.88
DS15:Close to panic (Anx)	DS6:Over react (Str)	0.96	0.80
DS7:Trembling (Anx)	DS4:Breathing difficulties (Anx)	0.95	0.55
DS14:Intolerant (Str)	DS18:Touchy (Str)	0.95	0.53
DS15:Close to panic (Anx)	DS19:Awareness of heart (Anx)	0.94	0.80
DS13:Down-hearted (Dep)	DS3:No positive feelings (Dep)	0.93	0.63
DS12:Difficult to relax (Str)	DS8:Nervous Energy (Str)	0.93	0.60
DS19:Awareness of heart (Anx)	DS7:Trembling (Anx)	0.92	0.68
DS13:Down-hearted (Dep)	DS12:Difficult to relax (Str)	0.92	0.51
DS10:Nothing to look forward to (Dep)	DS11:Agitated (Str)	0.90	0.71
DS20:Scared without reason (Anx)	DS9:Make a fool (Anx)	0.89	0.56
DS3:No positive feelings (Dep)	DS14:Intolerant (Str)	0.87	0.87
SX6:Amount of sex has negative impact (conflict)	SX4:Unsuccessful attempts to reduce (relapse)	0.86	0.54
SX2:Increased sexual urges (tolerance)	SX4:Unsuccessful attempts to reduce (relapse)	0.86	0.83
DS17:Felt Unworthy/Worthless (Dep)	DS16:No enthusiasm (Dep)	0.85	0.56
SX6:Amount of sex has negative impact (conflict)	DS14:Intolerant (Str)	0.85	0.59
DS17:Felt Unworthy/Worthless (Dep)	DS13:Down-hearted (Dep)	0.83	0.60
DS21:Life was Meaningless (Dep)	DS16:No enthusiasm (Dep)	0.78	0.61
DS13:Down-hearted (Dep)	DS16:No enthusiasm (Dep)	0.78	0.54
DS21:Life was Meaningless (Dep)	DS13:Down-hearted (Dep)	0.77	0.55
DS10:Nothing to look forward to (Dep)	DS3:No positive feelings (Dep)	0.75	0.76
DS4:Breathing difficulties (Anx)	DS2:Dryness of mouth (Anx)	0.75	0.74
DS10:Nothing to look forward to (Dep)	DS1:Hard to wind down (Str)	0.75	0.58
DS5:No initiative (Dep)	DS2:Dryness of mouth (Anx)	0.74	0.62
DS10:Nothing to look forward to (Dep)	DS17:Felt Unworthy/Worthless (Dep)	0.74	0.54
SX3:Use sex to escape (mood mod.)	SX6:Amount of sex has negative impact (conflict)	0.73	0.53
DS12:Difficult to relax (Str)	DS15:Close to panic (Anx)	0.73	0.58
DS9:Make a fool (Anx)	DS2:Dryness of mouth (Anx)	0.72	0.74
DS19:Awareness of heart (Anx)	SX4:Unsuccessful attempts to reduce (relapse)	0.72	0.53
DS21:Life was Meaningless (Dep)	DS3:No positive feelings (Dep)	0.71	0.71
DS12:Difficult to relax (Str)	DS3:No positive feelings (Dep)	0.71	0.55

DS8:Nervous Energy (Str)	DS20:Scared without reason (Anx)	0.71	0.64
DS17:Felt Unworthy/Worthless (Dep)	DS9:Make a fool (Anx)	0.70	0.81
DS19:Awareness of heart (Anx)	DS2:Dryness of mouth (Anx)	0.70	0.88
SX6:Amount of sex has negative impact (conflict)	DS9:Make a fool (Anx)	0.68	0.59
SX1:Time thinking about sex (salience)	SX5:Restless if prohibited from sex (withdrawal)	0.68	0.50
DS5:No initiative (Dep)	DS6:Over react (Str)	0.68	0.63
DS1:Hard to wind down (Str)	DS14:Intolerant (Str)	0.68	0.68
SX6:Amount of sex has negative impact (conflict)	DS7:Trembling (Anx)	0.65	0.52
DS20:Scared without reason (Anx)	DS18:Touchy (Str)	0.65	0.78
DS3:No positive feelings (Dep)	DS4:Breathing difficulties (Anx)	0.65	0.75
DS13:Down-hearted (Dep)	DS5:No initiative (Dep)	0.65	0.75
DS6:Over react (Str)	DS4:Breathing difficulties (Anx)	0.64	0.77
DS15:Close to panic (Anx)	DS9:Make a fool (Anx)	0.64	0.76
DS10:Nothing to look forward to (Dep)	DS5:No initiative (Dep)	0.63	0.91
DS11:Agitated (Str)	DS17:Felt Unworthy/Worthless (Dep)	0.62	0.54
DS8:Nervous Energy (Str)	DS1:Hard to wind down (Str)	0.61	0.53
DS7:Trembling (Anx)	SX5:Restless if prohibited from sex (withdrawal)	0.60	0.70
DS21:Life was Meaningless (Dep)	DS20:Scared without reason (Anx)	0.59	0.63
DS8:Nervous Energy (Str)	DS5:No initiative (Dep)	0.56	0.55
DS20:Scared without reason (Anx)	DS7:Trembling (Anx)	0.55	0.73
DS1:Hard to wind down (Str)	DS18:Touchy (Str)	0.55	0.78
DS11:Agitated (Str)	DS4:Breathing difficulties (Anx)	0.52	0.60
DS8:Nervous Energy (Str)	DS19:Awareness of heart (Anx)	0.51	0.67
DS9:Make a fool (Anx)	SX3:Use sex to escape (mood mod.)	0.50	0.72
DS5:No initiative (Dep)	SX6:Amount of sex has negative impact (conflict)	0.50	0.64
Heterosexual females			
SX2:Increased sexual urges (tolerance)	SX1:Time thinking about sex (salience)	1.00	0.55
DS12:Difficult to relax (Str)	DS1:Hard to wind down (Str)	1.00	0.63
DS3:No positive feelings (Dep)	DS16:No enthusiasm (Dep)	1.00	0.67
DS21:Life was Meaningless (Dep)	DS17:Felt Unworthy/Worthless (Dep)	1.00	0.72
SX4:Unsuccessful attempts to reduce (relapse)	SX5:Restless if prohibited from sex (withdrawal)	0.98	0.56

DS15:Close to panic (Anx)	DS9:Make a fool (Anx)	0.98	0.63
DS9:Make a fool (Anx)	DS8:Nervous Energy (Str)	0.97	0.62
DS15:Close to panic (Anx)	DS4:Breathing difficulties (Anx)	0.97	0.80
DS3:No positive feelings (Dep)	DS21:Life was Meaningless (Dep)	0.96	0.60
DS17:Felt Unworthy/Worthless (Dep)	DS9:Make a fool (Anx)	0.95	0.51
SX4:Unsuccessful attempts to reduce (relapse)	SX3:Use sex to escape (mood mod.)	0.94	0.54
SX4:Unsuccessful attempts to reduce (relapse)	SX6:Amount of sex has negative impact (conflict)	0.94	0.73
DS21:Life was Meaningless (Dep)	DS10:Nothing to look forward to (Dep)	0.93	0.58
DS19:Awareness of heart (Anx)	DS4:Breathing difficulties (Anx)	0.93	0.58
DS15:Close to panic (Anx)	DS20:Scared without reason (Anx)	0.93	0.75
DS15:Close to panic (Anx)	DS19:Awareness of heart (Anx)	0.92	0.76
DS11:Agitated (Str)	DS6:Over react (Str)	0.92	0.65
DS3:No positive feelings (Dep)	DS13:Down-hearted (Dep)	0.91	0.74
DS12:Difficult to relax (Str)	DS11:Agitated (Str)	0.90	0.60
SX2:Increased sexual urges (tolerance)	SX3:Use sex to escape (mood mod.)	0.90	0.59
DS10:Nothing to look forward to (Dep)	DS11:Agitated (Str)	0.87	0.67
DS20:Scared without reason (Anx)	DS7:Trembling (Anx)	0.87	0.50
DS9:Make a fool (Anx)	DS7:Trembling (Anx)	0.86	0.61
DS10:Nothing to look forward to (Dep)	DS13:Down-hearted (Dep)	0.85	0.51
DS6:Over react (Str)	DS18:Touchy (Str)	0.84	0.62
DS13:Down-hearted (Dep)	DS5:No initiative (Dep)	0.80	0.75
DS14:Intolerant (Str)	DS18:Touchy (Str)	0.79	0.58
DS16:No enthusiasm (Dep)	DS10:Nothing to look forward to (Dep)	0.78	0.59
DS16:No enthusiasm (Dep)	DS5:No initiative (Dep)	0.77	0.82
SX1:Time thinking about sex (salience)	SX5:Restless if prohibited from sex (withdrawal)	0.77	0.68
DS7:Trembling (Anx)	DS2:Dryness of mouth (Anx)	0.77	0.76
DS12:Difficult to relax (Str)	DS8:Nervous Energy (Str)	0.75	0.70
DS17:Felt Unworthy/Worthless (Dep)	DS12:Difficult to relax (Str)	0.74	0.52
DS14:Intolerant (Str)	DS6:Over react (Str)	0.73	0.52
DS12:Difficult to relax (Str)	DS15:Close to panic (Anx)	0.72	0.59
DS3:No positive feelings (Dep)	DS4:Breathing difficulties (Anx)	0.71	0.67

DS8:Nervous Energy (Str)	DS6:Over react (Str)	0.70	0.60
DS3:No positive feelings (Dep)	DS10:Nothing to look forward to (Dep)	0.69	0.66
DS11:Agitated (Str)	DS14:Intolerant (Str)	0.69	0.69
DS16:No enthusiasm (Dep)	DS13:Down-hearted (Dep)	0.67	0.62
SX5:Restless if prohibited from sex (withdrawal)	SX6:Amount of sex has negative impact (conflict)	0.66	0.70
DS4:Breathing difficulties (Anx)	DS2:Dryness of mouth (Anx)	0.65	0.84
SX4:Unsuccessful attempts to reduce (relapse)	SX2:Increased sexual urges (tolerance)	0.64	0.56
DS16:No enthusiasm (Dep)	DS17:Felt Unworthy/Worthless (Dep)	0.64	0.74
DS13:Down-hearted (Dep)	DS11:Agitated (Str)	0.63	0.52
DS4:Breathing difficulties (Anx)	DS14:Intolerant (Str)	0.62	0.66
DS19:Awareness of heart (Anx)	DS18:Touchy (Str)	0.60	0.68
SX3:Use sex to escape (mood mod.)	SX5:Restless if prohibited from sex (withdrawal)	0.58	0.53
DS10:Nothing to look forward to (Dep)	DS5:No initiative (Dep)	0.57	0.72
DS8:Nervous Energy (Str)	DS1:Hard to wind down (Str)	0.55	0.55
DS4:Breathing difficulties (Anx)	DS7:Trembling (Anx)	0.54	0.58
DS7:Trembling (Anx)	DS19:Awareness of heart (Anx)	0.53	0.68
SX5:Restless if prohibited from sex (withdrawal)	DS10:Nothing to look forward to (Dep)	0.53	0.77
DS8:Nervous Energy (Str)	DS7:Trembling (Anx)	0.51	0.53
LGBTQ+			
SX2:Increased sexual urges (tolerance)	SX1:Time thinking about sex (salience)	1.00	0.50
DS16:No enthusiasm (Dep)	DS3:No positive feelings (Dep)	1.00	0.73
DS12:Difficult to relax (Str)	DS1:Hard to wind down (Str)	1.00	0.75
DS10:Nothing to look forward to (Dep)	DS16:No enthusiasm (Dep)	1.00	0.61
DS10:Nothing to look forward to (Dep)	DS21:Life was Meaningless (Dep)	1.00	0.52
SX4:Unsuccessful attempts to reduce (relapse)	SX5:Restless if prohibited from sex (withdrawal)	0.99	0.67
SX3:Use sex to escape (mood mod.)	SX4:Unsuccessful attempts to reduce (relapse)	0.99	0.78
DS8:Nervous Energy (Str)	DS9:Make a fool (Anx)	0.99	0.75
DS6:Over react (Str)	DS18:Touchy (Str)	0.98	0.71
DS20:Scared without reason (Anx)	DS15:Close to panic (Anx)	0.95	0.54
DS21:Life was Meaningless (Dep)	DS17:Felt Unworthy/Worthless (Dep)	0.95	0.77
DS12:Difficult to relax (Str)	DS6:Over react (Str)	0.94	0.53

DS19:Awareness of heart (Anx)	DS4:Breathing difficulties (Anx)	0.91	0.56
DS8:Nervous Energy (Str)	DS20:Scared without reason (Anx)	0.90	0.65
SX1:Time thinking about sex (salience)	SX3:Use sex to escape (mood mod.)	0.88	0.57
DS21:Life was Meaningless (Dep)	DS13:Down-hearted (Dep)	0.88	0.76
DS4:Breathing difficulties (Anx)	SX6:Amount of sex has negative impact (conflict)	0.85	0.82
SX2:Increased sexual urges (tolerance)	SX3:Use sex to escape (mood mod.)	0.85	0.66
DS13:Down-hearted (Dep)	DS3:No positive feelings (Dep)	0.84	0.52
SX5:Restless if prohibited from sex (withdrawal)	SX6:Amount of sex has negative impact (conflict)	0.81	0.80
DS8:Nervous Energy (Str)	DS7:Trembling (Anx)	0.81	0.79
DS20:Scared without reason (Anx)	DS19:Awareness of heart (Anx)	0.80	0.70
DS11:Agitated (Str)	DS18:Touchy (Str)	0.78	0.56
SX3:Use sex to escape (mood mod.)	DS2:Dryness of mouth (Anx)	0.76	0.69
DS8:Nervous Energy (Str)	DS14:Intolerant (Str)	0.76	0.91
DS6:Over react (Str)	SX3:Use sex to escape (mood mod.)	0.74	0.68
DS17:Felt Unworthy/Worthless (Dep)	DS5:No initiative (Dep)	0.74	0.74
DS8:Nervous Energy (Str)	DS12:Difficult to relax (Str)	0.73	0.63
DS8:Nervous Energy (Str)	DS15:Close to panic (Anx)	0.72	0.68
DS7:Trembling (Anx)	DS19:Awareness of heart (Anx)	0.71	0.51
DS6:Over react (Str)	DS15:Close to panic (Anx)	0.71	0.54
DS8:Nervous Energy (Str)	DS11:Agitated (Str)	0.71	0.80
DS21:Life was Meaningless (Dep)	DS16:No enthusiasm (Dep)	0.71	0.55
DS8:Nervous Energy (Str)	DS6:Over react (Str)	0.70	0.65
DS13:Down-hearted (Dep)	DS11:Agitated (Str)	0.69	0.69
DS13:Down-hearted (Dep)	DS1:Hard to wind down (Str)	0.68	0.53
DS3:No positive feelings (Dep)	DS5:No initiative (Dep)	0.67	0.91
DS7:Trembling (Anx)	DS4:Breathing difficulties (Anx)	0.65	0.56
DS6:Over react (Str)	DS7:Trembling (Anx)	0.63	0.63
DS20:Scared without reason (Anx)	DS4:Breathing difficulties (Anx)	0.63	0.79
DS10:Nothing to look forward to (Dep)	DS13:Down-hearted (Dep)	0.61	0.65
DS17:Felt Unworthy/Worthless (Dep)	DS9:Make a fool (Anx)	0.60	0.62
DS18:Touchy (Str)	SX4:Unsuccessful attempts to reduce (relapse)	0.58	0.64

DS16:No enthusiasm (Dep)	DS15:Close to panic (Anx)	0.58	0.65
DS18:Touchy (Str)	DS14:Intolerant (Str)	0.57	0.74
DS12:Difficult to relax (Str)	DS19:Awareness of heart (Anx)	0.57	0.73
DS12:Difficult to relax (Str)	DS11:Agitated (Str)	0.57	0.58
DS9:Make a fool (Anx)	DS2:Dryness of mouth (Anx)	0.56	0.71
DS12:Difficult to relax (Str)	DS17:Felt Unworthy/Worthless (Dep)	0.55	0.58
DS1:Hard to wind down (Str)	DS18:Touchy (Str)	0.55	0.76
SX2:Increased sexual urges (tolerance)	SX5:Restless if prohibited from sex (withdrawal)	0.54	0.78
DS6:Over react (Str)	DS11:Agitated (Str)	0.53	0.58
DS8:Nervous Energy (Str)	DS5:No initiative (Dep)	0.51	0.71
DS10:Nothing to look forward to (Dep)	DS9:Make a fool (Anx)	0.51	0.67
