

## Supplementary Table 1

### *Outcome Measures with Psychometric Properties*

Name	Type	Number of items	Scoring	Range	Psychometric properties from previous studies	Reliability in this sample	Example Items
The Mini International Neuropsychiatric Interview (MINI)	Interview to assess for mental disorders	17 conditions	N/A	N/A	Validated (Sheehan et al., 1998).	Trained psychiatrist with extensive experience of structured diagnostic instruments performed the interviews	Major Depressive episode: “Were you ever depressed or down, or did you feel sad, empty or hopeless, most of the day, nearly every day, for two weeks?”
The Alcohol Use Disorders Identification Test (AUDIT)	Self-assessment of alcohol consumption, drinking behavior, and alcohol-related problems	10	Scores for each question range from 0 to 4	0–40 ≥ 8 indicating harmful use in men	Validated in Swedish  Cronbach’s $\alpha$ 0.82  (Bergman & Kallmen, 2002)	Not performed	“How often do you have six or more drinks on one occasion?”

The Drug Use Disorders Identification Test (DUDIT)	Self-assessment. Screens for the use of drugs and drug-related problems	11	Scores for each question range from 0 to 4	0–44	Validated in Swedish Cronbach's $\alpha = 0.80$ (Berman et al., 2005)	Not performed	“How often do you use drugs other than alcohol?”
The Hypersexual Behavior Inventory (HBI)	Self-assessment of sexual behaviors (i.e. as a coping mechanism, loss of control and negative consequences)	19	Each item is scored on a 5-point Likert scale where 1 = never and 5 = very often.	19–95 Suggested cutoff $\geq 53$	Validated Cronbach's $\alpha = 0.96$ ; test-retest reliability $r = 0.91$ (Reid et al., 2011)	Cronbach's $\alpha = 0.97$	“My attempts to change my sexual behavior fail”, and “Doing something sexual helps me feel less lonely”
The Barratt Impulsiveness Scale (BIS)	Self-assessment of attentional, motor, and non-planning impulsivity	30	The items are scored on a 4-point Likert scale where 1 = rarely/never and 4 = almost always/always	Score range 30–120 $\geq 72$ indicates high impulsivity	Cronbach's $\alpha = 0.83$ and test-retest reliability Spearman's $\rho = 0.83$ (Stanford et al., 2009)	Cronbach's $\alpha = 0.81$	“I do things without thinking” (motor impulsivity), “I say things without thinking” (non-planning impulsivity), and “I don't pay attention” (attentional impulsivity)
Conners' Continuous Performance Test (CPT-II)	Computerized measure of inattention,	During a 14-minute session, letters are displayed sequentially and	The results are summarized in T-scores of 50	Higher or lower values than 50 support a	Validated (Conners & MHS Staff, 2000)	Not performed	Commission errors (response to the letter X), Hit RT (mean response time), and

impulsivity, and vigilance	responders are instructed to press the space bar for every letter except for “X”	indicating a non- clinical norm.	clinical profile	Perseverations (responses that occur 100ms following a stimulus)
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*Notes:* Bergman, H., & Kallmen H. (2002). Alcohol use among Swedes and a psychometric evaluation of the alcohol use disorders identification test. *Alcohol and Alcoholism*, 37(3), 245–251. <https://doi.org/10.1093/alcalc/37.3.245>

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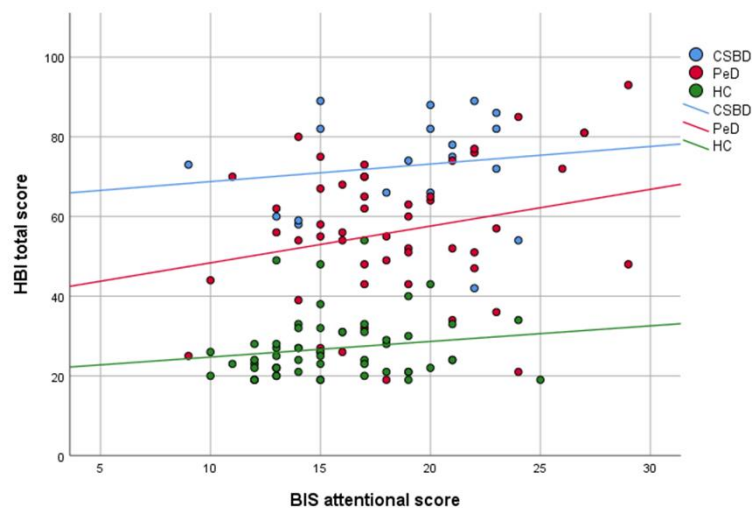
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# Supplementary Figure 1: Correlation Between Compulsive Sexual Behavior (HBI total score) and Attentional Impulsivity (BIS attentional score)



HBI = The Hypersexual Behavior Inventory, BIS = Barratt Impulsiveness Scale.

CSBD = Compulsive Sexual Behavior Disorder. PeD = Pedophilic Disorder. HC = Healthy controls.