

Supplementary material S1

Table S1. Pearson's correlations of *Total* and *Cognitive Impulsivity* in healthy controls (N=59)

	BIS-11 Global Score		BIS-11 Cognitive Instability	
	Pearson's coefficient	p	Pearson's coefficient	p
Age	-.039	.770	-.102	.442
BMI	-.040	.762	.137	.301
OCI Washing	.100	.451	<b>.267</b>	<b>.041</b>
OCI Checking	.022	.867	.256	.050
OCI Doubting	.078	.555	<b>.367</b>	<b>.004</b>
OCI Ordering	.083	.531	.161	.222
OCI Obsessing	.022	.860	<b>.440</b>	<b>&lt; .001*</b>
OCI Hoarding	.126	.342	<b>.293</b>	<b>.025</b>
OCI Mental Neutralizing	.043	.747	.272	.037
OCI Global Score	.091	.494	<b>.344</b>	<b>.008</b>
STAI State Anxiety	.084	.579	-.032	.835
STAI Trait Anxiety	.160	.289	.067	.659
BDI	.017	.907	.113	.439

Legend: BIS-11 = Barratt Impulsiveness Scale version 11; BMI = Body Mass Index; OCI = Obsessive Compulsive Inventory; STAI = State-Trait Anxiety Inventory; EDI-2 = Eating Disorders Inventory—2; BDI = Beck Depression Inventory. \*=significant after Bonferroni-Holm correction.

Table S2. Linear regression model for Obsessive thoughts and behaviors (OCI Total score) in HC individuals (N=59).

Variables	Multivariate Regression			Properties of the Model		
	Beta	t	p	R	F	p
BIS-11 Cognitive Instability	<b>0.599</b>	<b>3.603</b>	<b>.001</b>			
STAI Trait Anxiety	<b>0.945</b>	<b>2.208</b>	<b>.034</b>			
EDI-2 Bulimia	<b>3.938</b>	<b>2.204</b>	<b>.034</b>			

EDI-2 Drive for Thinness	-1.743	-1.223	.229			
BDI	-0.364	-0.477	.636			
STAI State Anxiety	0.169	0.434	.667	<b>.642</b>	<b>6.978</b>	<b>.001</b>
Age	0.459	0.322	.749			
BMI	-0.574	-0.296	.769			
EDI-2 Body Dissatisfaction	-0.106	-0.287	.853			

Legend: HC = Healthy Controls; BIS-11 = Barratt Impulsiveness Scale version 11; BMI = Body Mass Index; OCI = Obsessive Compulsive Inventory; STAI = State-Trait Anxiety Inventory; EDI-2 = Eating Disorders Inventory –2; BDI = Beck Depression Inventory.