

**Table SI4***Additional changes on scales and items with descriptive statistics*

<b>RDoC</b>	<b>Old variable</b>	<b>Items</b>	<b>Transformation</b>	<b>New variable</b>	<b>Mean</b>	<b>SD</b>
PVS	BIS/BAS subscales Drive and Reward Responsiveness	3, 7, 12, 21	Forming mean score	Scale Goal Attainment	2.90	0.58
PVS	PANAS subscale Positive Affect	active, interested, enthusiastic, determined	Item reduction and forming mean score	Scale Hedonic Affect	1.78	0.82
PVS	BSI-53 single items Obsessive-compulsive	15r, 26r, 27r	Forming mean score	Scale Habituation	2.99	0.86
NVS	BIS/BAS subscale Behavioral Inhibition	2r, 8, 22r, 24	Forming mean score	Scale Anxiety- based Inhibition	3.23	0.59

*Note.* Variables were transformed with log10 to address normal distribution issue. *SD* = Standard deviation; r = reversed; RDoC = Research Domain Criteria; PVS = Positive valence systems; NVS = Negative valence systems; BIS/BAS = Behavioral Inhibition System/Behavioral Activation System Scale; BSI-53 = Brief Symptom Checklist; PANAS = Positive and Negative Affect Scale.

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