Supplemental Table A

*Varimax-Rotated Factor Loadings for a Three-Factor Solution of Impulsivity Self-Report Scales*

Measure Scale 1 .2 .3

DIS-I Goal-Orientation **.75** -.18 .17

DIS-I Considerateness **.54** -.03 .01

DIS-I Orderliness **.51** -.05 -.10

UPPS (lack of) Premeditation -**.62** .12 **.37**

BIS-11 Nonplanning **-.68** .33 .01

UPPS (lack of) Perseverance -**.73** .32 .14

BIS-11 (lack of) Attention -.05 **.79** .11

DIS-I Distractibility -.27 **.68** .01

UPPS Urgency -.20 **.67** .05

BIS-11 Motor -.16 **.54 .42**

DIS-I Manipulativeness -.23 **.45** .24

DIS-I Sensation-Seeking -.08 .13 **.85**

UPPS Sensation-Seeking .17 .13 **.77**

*Note. N* = 509. DIS-I: Disinhibition Inventory (Dindo et al., 2009). UPPS Impulsive Behavior Scales (Whiteside & Lynam, 2001). BIS-II: Barratt Impulsivity Subscales—11th Version (Patton et al., 1995). Factor loadings > .35 are in **bold**.

Supplemental Table B

*Percentage of Variance in the Behavioral Factors Accounted for by One- and Three-Factor Models of Impulsigenic Traits plus SNAP-2 Traits*

Predictor β *F*Δ *p < R2*

Antisocial / Irresponsible Behaviors

One-Factor Model of Impulsigenic Traits .33 13.8 .0001 .11

 SNAP-2 scales added 22.4 .0001 .24

 *Impulsigenic Trait Factor .11 .08*

 Aggression .26 .0001

 Manipulativeness .22 .01

Three-Factor Model of Impulsigenic Traits 21.7 .0001 .15

 Sensation Seeking .28 .0001

 Behavioral (Dys)Control -.27 .0001

 SNAP-2 scales added 21.1 .0001 .27

 Sensation Seeking .17 .01

 Behavioral (Dys)Control -.13 .04

 Aggression .25 .001

 Manipulativeness .20 .01

Behavior Involving Sex and Substances

One-Factor Model of Impulsigenic Traits .31 27.8 .0001 .10

 SNAP-2 scales added 13.4 .0001 .29

 *Impulsigenic Trait Factor -.04 .59*

 Disinhibition .19 .01

 Aggression .18 .01

 Impulsivity .18 .03

 Propriety -.17 .01

 Entitlement .17 .01

Three-Factor Model of Impulsigenic Traits 45.8 .0001 .19

 Sensation Seeking .35 .0001

 Behavioral (Dys)Control -.26 .0001

 SNAP-2 scales added 11.0 .0001 .31

 Sensation Seeking .21 .001

 *Behavioral (Dys)Control -.03 .68*

 Disinhibition-Pure .20 .01

 Aggression .18 .01

 Entitlement .15 .01

 Propriety -.17 .02

*(table continues)*

Supplemental Table B (cont.)

Predictor β *F*Δ *p < R2*

Carefree/ Careless Daily Behaviors

One-Factor Model of Impulsigenic Traits .26 9.44 .01 .07

 SNAP-2 scales added 9.83 .0001 .19

 *Impulsigenic Trait Factor .04 .67*

 Manipulativeness .31 .001

 Negative Temperament .20 .02

Three-Factor Model of Impulsigenic Traits 6.94 .01 .10

 Sensation Seeking .28 .01

 Behavioral (Dys)Control .17 .05

 SNAP-2 scales added 9.75 .0001 .21

 *Sensation Seeking .15 .08*

 *Behavioral (Dys)Control -.03 .70*

 Manipulativeness .29 .01

 Negative Temperament .27 .01

Planful/ Organized Daily Behaviors

One-Factor Model of Impulsigenic Traits -.33 15.9 .0001 .11

 SNAP-2 scales added 10.2 .0001 .23

 Impulsigenic Trait Factor -.23 .01

 Workaholism .24 .01

 Propriety .18 .05

Three-Factor Model of Impulsigenic Traits 17.1 .0001 .11

 Behavioral (Dys)Control .34 .0001

 SNAP-2 scales added 8.96 .001 .22

 Behavioral (Dys)Control .22 .01

 Workaholism .21 .05

 Propriety .20 .05

*Note.* SNAP-2 = Schedule for Nonadaptive and Adaptive Personality-2nd Edition. Parameters in *italics = ns.*

1From the Greek word *rhathymos* meaning easiness of temper, amusement, indifference; carefree behavior, light-heartedness (Random House Unabridged Dictionary, 1997).

2The first two being Neuroticism/Negative Emotionality and Extraversion/Positive Emotionality.

3 To help avoid confusion, we refer to scales using the end of the dimension that is reflected in the majority of the scales’ items. For example, the majority of items on the UPPS Planning and Perseverance scales tap Planning and Perseverance, not its absence, so we refer to these scales as such. When we refer to the “impulsive” end of such scales, we will so indicate using a parenthetical word or phrase (e.g., (Lack of) Planning).

4This measure was added after data collection was underway.

5Due to an oversight, data on age were not collected. However, Dindo, McDade, Sharma, Watson & Clark (2009) report a mean age of 19.4 years in a sample collected from the same course over approximately the same time interval. Moreover, the participants also completed measures for a separate study that are not reported on in this article.

6It is important to emphasize that Negative and Positive Temperament are not themselves higher order scales, but are non-overlapping primary scales that represent the affective core of the dimensions. Disinhibition, on the other hand, does share items with other scales in its full form; however, all analyses reported were conducted with the non-overlapping or “pure” Disinhibition scale.

7The SNAP-2 also contains five validity scales, an overall invalidity index, and scales assessing the *DSM-IV-TR* personality disorder diagnostic criteria. These scales were not used in these studies and are not discussed further.