Supplemental Table 1

*Sample Sizes of Intercorrelations Among Common Measures of Impulsivity and Related Constructs*

Measure .1 .2 .3 .4 .5 .6 .7 .8 .9 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20 .21

1. Competence1

2. Orderliness1 .437

3. Dutifulness1 .437 .764

4. Achievement1 .437 .764 .764

5. Self-Discipline1 .437 .764 .764 .764

6. UPPS Persever. .437 .437 .437 .437 .437

7. UPPS Premedit. .437 .437 .437 .437 .437 .646

8. SNAP Workahol. .327 .327 .327 .327 .327 .324 .324

9. PRF Orderliness .250 .250

10. SNAP Propriety .327 .327 .327 .327 .327 .575 .575 .327

11. I7 Impulsivity .437 .437 .437 .437 .437

12. DII Dysfunctional .437 .437 .437 .437 .437 .188 .1380

13. MPQ Constraint\* .437 .437 .437 .437 .437 .523 .437

14. MPQ Control\* .660 .660 .660 .660 .660 .251 .70

15. Deliberation1\* .437 .764 .764 .7647 .764 .437 .437 .327 .327 .437 .437 .437 .660

16. BIS-11 Attention .437 .437 .437 .437 .437 .519 .519 .324 .575 .752 .896 .507 .437

17. BIS/BAS Fun-Seek. .801 .1128 .245

18. SNAP Disinhibition .327 .327 .327 .327 .327 .324 .324 .888 .888 .251 .327 .324 .207

19. SNAP Impulsivity .327 .327 .327 .327 .327 .324 .324 .888 .888 .251 .327 .324 .888

20. SNAP Manipul. .327 .327 .327 .327 .327 .324 .324 .888 .327 .251 .327 .324 .888 .888

21. BIS/BAS Drive .801 .289 .245 .289 .207

*(table continues)*

Supplemental Table 1 (cont.)

*Sample Sizes of Intercorrelations Among Common Measures of Impulsivity and Related Constructs*

Measure .1 .2 .3 .4 .5 .6 .7 .8 .9 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20 .21

22. EPQ Extraversion .327 .327 .327 .327 .327 .514 .514 .2033 .392 .48 .327 .801 .514 .514 .187 .801

23. Gregariousness2 .764 .764 .764 .764 .764 .437 .437 .327 .327 .437 .437 .437 .660 .764 .437 .327 .327 .327

24. SNAP Pos. Temper. .327 .327 .327 .327 .327 .324 .324 .888 .888 .251 .327 .324 .207 .888 .888 .888 .207

25. SNAP Detachment\* .327 .327 .327 .327 .327 .324 .324 .888 .888 .251 .327 .324 .888 .888 .888

26. Positive Emotions2 .764 .764 .764 .764 .764 .437 .437 .327 .327 .437 .437 .437 .660 .764 .437 .327 .327 .327

27. Activity2 .764 .764 .764 .764 .764 .437 .437 .327 .327 .437 .437 .437 .660 .764 .437 .327 .327 .327

28. EAS Activity .340

29. STI-R Str. Excite. .759

30. I7 Venturesomeness .437 .437 .437 .437 .437 .2427 .1280 .523 .70 .437 .315 .768 .331

31. DII Functional .437 .437 .437 .437 .437 .188 .1280 .1331 .437 .437 .459 .503 .289

32. Warmth2 .764 .764 .764 .764 .764 .437 .437 .327 .327 .437 .437 .437 .660 .764 .437 .327 .327 .327

33. Assertiveness2 .764 .764 .764 .764 .764 .437 .437 .327 .327 .437 .437 .437 .660 .764 .437 .327 .327 .327

34. Excitement2 .764 .764 .764 .764 .764 .437 .437 .327 .327 .437 .437 .437 .660 .764 .437 .327 .327 .327

35. EAS Sociability .437 .437 .437

36. STI Mobility .759

37. PRF Play .188

38. MPQ Pos. Emotion. .660 .660 .660 .660 .660 .41 .660

39. SNAP Exhibition. .327 .327 .327 .327 .327 .324 .324 .888 .888 .251 .327 .324 .888 .888 .888

40. EPI Sociability .499 .188 .398

41. UPPS Sens.-Seek. .437 .437 .437 .437 .437 .209 .209 .437 .519

*(table continues)*

Supplemental Table 1 (cont.)

*Sample Sizes of Intercorrelations Among Common Measures of Impulsivity and Related Constructs*

Measure .1 .2 .3 .4 .5 .6 .7 .8 .9 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20 .21

42. EPQ Neuroticism .327 .327 .327 .327 .327 .514 .187 .2033 .392 .48 .327 .801 .514 .514 .514 .801

43. SNAP Neg. Temp. .327 .327 .327 .327 .327 .324 .324 .514 .327 .251 .327 .324 .207 .888 .888 .888 .207

44. UPPS Urgency .437 .437 .437 .437 .437 .209 .209 .324 .575 .437 .519 .324 .324 .324

45. SNAP Mistrust .327 .327 .327 .327 .327 .324 .324 .514 .327 .251 .327 .324 .888 .888 .888

46. BIS/BAS BIS .720 .299 .86 .207 .86

47. MPQ Neg. Emot. .660 .660 .660 .660 .660 .665 .660

48. SNAP Aggression .327 .327 .327 .327 .327 .324 .324 .888 .327 .251 .327 .324 .888 .888 .888

49. SNAP Self-Harm .327 .327 .327 .327 .327 .324 .324 .888 .327 .251 .327 .324 .888 .888 .888

50. SNAP Ecc. Percep .327 .327 .327 .327 .327 .324 .324 .888 .327 .251 .327 .324 .888 .888 .888

51. EPI Neuroticism .499 .79

52. EAS Emotionality

53. Anxiety3 .764 .764 .764 .764 .764 .437 .437 .327 .327 .437 .437 .437 .660 .764 .437 .327 .327 .327

54. Angry Hostility3 .764 .764 .764 .764 .764 .437 .437 .327 .327 .437 .437 .437 .660 .764 .437 .327 .327 .327

55. Depression3 .764 .764 .764 .764 .764 .437 .437 .327 .327 .437 .437 .437 .660 .764 .437 .327 .327 .327

56. Self-Conscious.3 .764 .764 .764 .764 .764 .437 .437 .327 .327 .437 .437 .437 .660 .764 .437 .327 .327 .327

57. Impulsivity3 .764 .764 .764 .764 .764 .437 .437 .327 .327 .437 .437 .437 .660 .764 .437 .327 .327 .327

58. Vulnerability3 .764 .764 .764 .764 .764 .437 .437 .327 .327 .437 .437 .437 .660 .764 .437 .327 .327 .327

*(table continues)*

Supplemental Table 1 (cont.)

*Sample Sizes of Intercorrelations Among Common Measures of Impulsivity and Related Constructs*

Measure .22 .23 .24 .25 .26 .27 .28 .29 .30 .31 .32 .33 .34 .35 .36 .37 .38 .39 .40 .41

22. EPQ Extraversion

23. Gregariousness2 .327

24. SNAP Pos. Temper. .514 .327

25. SNAP Detachment\* .514 .327 .888

26. Positive Emotions2 .327 .764 .327 .327

27. Activity2 .327 .764 .327 .327 .764

28. EAS Activity .1428

29. STI-R Str. Excite. .505 .159

30. I7 Venturesomeness .1809 .437 .437 .437 .759

31. DII Functional .392 .843

32. Warmth2 .327 .764 .327 .327 .764 .764 .437

33. Assertiveness2 .327 .764 .327 .327 .764 .764 .437 .764

34. Excitement2 .327 .764 .327 .327 .764 .764 .437 .764 .764

35. EAS Sociability .1428 .271

36. STI Mobility .505 .159 .906 .759 .159

37. PRF Play .250 .271 .271

38. MPQ Pos. Emotion. .48 .660 .660 .660 .660 .660 .660

39. SNAP Exhibition. .514 .327 .888 .888 .327 .327 .327 .327 .327

40. EPI Sociability .968 .72 .499 .188

41. UPPS Sens.-Seek. .437 .437 .437 .437 .437 .437

*(table continues)*

Supplemental Table 1 (cont.)

*Sample Sizes of Intercorrelations Among Common Measures of Impulsivity and Related Constructs*

Measure .22 .23 .24 .25 .26 .27 .28 .29 .30 .31 .32 .33 .34 .35 .36 .37 .38 .39 .40 .41

42. EPQ Neuroticism .1109 .327 .514 .327 .327 .327 .1428 .505 .1809 .392 .327 .327 .327 .1428 .759 .271 .48 .514 .1032

43. SNAP Neg. Temp. .514 .327 .888 .888 .327 .327 .888 .575

44. UPPS Urgency .437 .324 .324 .437 .437 .324 .209

45. SNAP Mistrust .514 .327 .888 .888 .327 .327 .888

46. BIS/BAS BIS .624 .207 .182 .299

47. MPQ Neg. Emot. .48 .660 .660 .660 .48

48. SNAP Aggression .514 .327 .888 .888 .327 .327 .888

49. SNAP Self-Harm .187 .327 .888 .888 .327 .327 .888

50. SNAP Ecc. Percep. .514 .327 .888 .888 .327 .327 .888

51. EPI Neuroticism .1337 .153 .265 .499 .225 .265 .1291

52. EAS Emotionality .1428 .271 .159 .271 .159 .271

53. Anxiety3 .327 .764 .327 .327 .764 .764 .437 .437 .764 .764 .764 .660 .327 .437

54. Angry Hostility3 .327 .764 .327 .327 .764 .764 .437 .437 .764 .764 .764 .660 .327 .437

55. Depression3 .327 .764 .327 .327 .764 .764 .437 .437 .764 .764 .764 .660 .327 .437

56. Self-Conscious.3 .327 .764 .327 .327 .764 .764 .437 .437 .764 .764 .764 .660 .327 .437

57. Impulsivity3 .327 .764 .327 .327 .764 .764 .437 .437 .764 .764 .764 .660 .327 .437

58. Vulnerability3 .327 .764 .327 .327 .764 .764 .437 .437 .764 .764 .764 .660 .327 .437

*(table continues)*Supplemental Table 1 (cont.)

*Sample Sizes of Intercorrelations Among Common Measures of Impulsivity and Related Constructs*

Measure .42 .43 .44 .45 .46 .47 .48 .49 .50 .51 .52 .53 .54 .55 .56 .57 .58.

42. EPQ Neuroticism

43. SNAP Neg. Temp. .514

44. UPPS Urgency .324

45. SNAP Mistrust .514 .888 .324

46. BIS/BAS BIS .624 .207

47. MPQ Neg. Emot. .48

48. SNAP Aggression .514 .888 .324 .888

49. SNAP Self-Harm .514 .888 .324 .888 .888

50. SNAP Ecc. Percep. .514 .888 .324 .888 .888 .888

51. EPI Neuroticism .828

52. EAS Emotionality .1428 .153

53. Anxiety3 .327 ..327 ..437 ..327 .660 ..327 ..327 ..327

54. Angry Hostility3 .327 ..327 ..437 ..327 .660 ..327 ..327 ..327 .764

55. Depression3 .327 ..327 ..437 ..327 .660 ..327 ..327 ..327 .764 .764

56. Self-Conscious.3 .327 ..327 ..437 ..327 .660 ..327 ..327 ..327 .764 .764 .764

57. Impulsivity3 .327 ..327 ..437 ..327 .660 ..327 ..327 ..327 .764 .764 .764 .764

58. Vulnerability3 .327 ..327 ..437 ..327 .660 ..327 ..327 ..327 .764 .764 .764 .764 .764

Note. BIS-11: Barratt Impulsiveness Subscales, Version 11 (Patton, et al., 1985); BIS/BAS: Behavioral Inhibition System/ Behavioral Activation System (Carver & White, 1994); BP: Boredom Proneness (Farmer & Sundberg, 1986); DII: Dickman Impulsiveness Inventory (Dickman, 1990); EAS (Buss & Plomin, 1984); EASI (Buss & Plomin, 1975); EPI: Eysenck Personality Inventory (Eysenck & Eysenck, 1968); EPQ: Eysenck Personality Questionnaire (Eysenck & Eysenck, 1968); GZTS: Guilford-Zimmerman Temperament Survey (Guilford & Zimmerman, 1949); I7 (Eysenck & Eysenck, 1978); MPQ: Multidimensional Personality Questionnaire (Tellegen, 2000); Narrow-I (Eysenck & Eysenck, 1977); PRF: Personality Research Form (Jackson, 1984); SSS: Sensation Seeking Scale (Zuckerman, 1979); STI: Strelau Temperament Inventory (Strelau, et al., 1990); UPPS (Whiteside & Lynam, 2001). Correlations ≥ .40 underlined. 1 NEO-PI-R Conscientiousness facet; 2 NEO-PI-R Extraversion facet; 3 NEO-PI-R Neuroticism facet (Costa & McCrae. 1992). \* Reverse-keyed scale.

Supplemental Table 2

*Sample Sizes of Intercorrelations Among Laboratory Behavioral Tasks*

Measure .1 .2 .3 .4 .5 .6 .7 .8 .9 .10 .11 .12 .13 .14 .15 .16

1. MFFT Error

2. IGT .56

3. Cont. Delay .80

4. Hyp. Delay .194 .65 .32

5. MFFT Ltency .271 .55

6. BART Pumps .51 .70 .129

7. Stop Reaction .70 .411 .194 .172

8. G/NG Inhib. .83 .156 .159 .70 .176

9. Porteus .182 .50 .182

10. WCS Pers. .182 .63 .234 .376 .465 .40 .182

11. WCS NonP. .182 .182 .182 .182

12. Circle Own .182 .625 .376 .194 .182 .376 .182

13. Circle Slow .89 .89 .96

*(table continues)*

Supplemental Table 2 (cont.)

*Sample Sizes of Intercorrelations Among Laboratory Behavioral Tasks*

Measure .1 .2 .3 .4 .5 .6 .7 .8 .9 .10 .11 .12 .13 .14 .15 .16

14. Stroop Error .33 .635 .194 .429 .166 .557 .625

15. Immed. Mem. .32 .242 .102 .86

16. Delay Mem. .220 .102 .86 .210

Supplemental Table 3

*Intercorrelations Among Laboratory Behavioral Tasks*

Measure .1 .2 .3 .4 .5 .6 .7 .8 .9 .10 .11 .12 .13 .14 .15 .16

1. MFFT Error

2. IGT -.42

3. Cont. Delay .25

4. Hyp. Delay .02 .25 .25

5. MFFT Ltency -.66 .29

6. BART Pumps .14 -.15 .14

7. Stop Reaction -.04 -.19 .22 .01

8. G/NG Inhib. .47 .01 -.04 .07 .30

9. Porteus .20 -.47 -.19

10. WCS Pers. .07 -.08 -.07 -.01 -.05 .01 .13

11. WCS NonP. -.05 -.03 -.05 -.49

12. Circle Own -.18 .04 .14 .01 -.19 .03 -.10

13. Circle Slow -.43 .38 -.16

*(table continues)*

Supplemental Table 3 (cont.)

*Sample Sizes of Intercorrelations Among Laboratory Behavioral Tasks*

Measure .1 .2 .3 .4 .5 .6 .7 .8 .9 .10 .11 .12 .13 .14 .15 .16

14. Stroop Error -.05 .13 -.11 .10 -.06 .01

15. Immed. Mem. .08 .07 .19 -.25

16. Delay Mem. .12 .18 -.31 .64