**NIDA\_NEURO**

**NIDA Study – NEUROTASKS File**

**NOTE:** This variable is not the original study ID number.

It has been recoded for public release.

1. **Subject Identification (ID)**
2. **Subject Type (SJTYP)**

1 = MTA Randomized Trial Subject

2 = Local Normative Comparison Group (LNCG) Subject

1. **Marijuana User (MJUSER)**

0 = No

1 = Yes

1. **Group Assignment (GROUP)**

1 = ADHD Substance User

2 = ADHD Non-Substance User

3 = LNCG Substance User

4 = LNCG Non-Substance User

1. **Gender (SEXMF)**

M = Male

F = Female

1. **What is the child’s ethnic background?** **(ETHNIC)**

1 = Caucasian

2 = Black

3 = Non-black Hispanic

4 = Black Hispanic

5 = Asian

6 = Native American Indian

7 = Mixed

8 = Other

1. **Age (years) at time of scan (TESTAGEYEARS)**
2. **Age (months) at time of scan (TESTAGEMONTH)**
3. **Handedness (HANDEDNESS)**

1 = Right

2 = Left

3 = Ambidextrous

1. **IQ/Index 1:** Verbal **(IQVERB)**

. = missing

1. **IQ/Index 2:** Performance **(IQPERF)**

. = missing

1. **IQ/Index 3:** Full Scale **(IQFULL)**

. = missing

1. Estimated Full Scale **(IQEST)**

If the Full Scale was missing, an estimate was calculated using Jerome Sattler's 2001 Fourth Edition of "Assessment of Children, Cognitive Applications." If Similarities, Vocabulary, and Block Design

subtests were available, then triad Table A-23 column C12 was used. If only Vocabulary and Block

Design subtests were available, then dyad Table A-22 column C6 was used.

. = missing

1. **Full scale IQ regardless of source (IQFULLEST)**

Combining IQFULL (if available) and IQEST into one variable.

1. **Education level (EDUC)**

Obtained from Year 14 visit.

1 = no degree or certificate

2 = High School Diploma

3 = GED

4 = Certificate from a technical school or equivalent

5 = Associates Degree

6 = Bachelor Degree

. = missing

1. **Are you currently taking ADHD medication? (ADHDMEDS)**

1 = no

2 = yes, some of the time

3 = yes, most of the time

1. **Smoker (SMOKER)**

Scoring 10 or higher on SM\_2B (how often smoked: 10=1/day; 11=2/day; 12=several times/day), and/or 3 or higher on SM\_2C (avg # of cig. per day: 3=Between one and five cigarettes a day; 4=About half a pack a day; 5=About a pack a day; 6=About 1½ packs a day; 7=About 2 packs or more a day) from the most recent SUQ.

0 = no

1 = yes

**Hopkins Verbal Learning Test (HVLT)**

1. **Trial 1 Correct Responses (HVLT\_1)**
2. **Trial 2 Correct Responses (HVLT\_2)**
3. **Trial 3 Correct Responses (HVLT\_3)**
4. **Trial 4 Correct Responses (HVLT\_4)**
5. **Trial 5 Total number of true-positive responses (HVLT\_5\_TP)**
6. **Trial 5 Semantically related false-positive errors (HVLT\_5\_SRFP)**
7. **Trial 5 Semantically unrelated false-positive errors (HVLT\_5\_SUFP)**
8. **Trial 5 Total number of false positive errors (HVLT\_5\_FP)**
9. **Total recall – t-score (HVLT\_TOTRECALLT)**

Values of ‘<20’ were recoded as ‘19’

1. **Delayed recall – t-score (HVLT\_DELRECALLT)**

Values of ‘<20’ were recoded as ‘19’

1. **Retention % – t-score (HVLT\_RETENTIONT)**

Values of ‘<20’ were recoded as ‘19’

1. **Recognition discrimination index – t-score (HVLT\_RECDIST)**

Values of ‘<20’ were recoded as ‘19’

1. **Delay in minutes (HVLT\_DELAY)**

Total delay before administering condition 4 of the HVLT. For the test to be valid, this should be at least 20 minutes.

**Trial Making Test**

1. **Part A time in seconds (TMT\_A)**
2. **Part B time in seconds (TMT\_B)**

**Delis-Kaplan Color Word Interference Test (DKEFS)**

1. **Condition 1 Uncorrected errors (DKEFS\_UNERR\_1)**
2. **Condition 1 Self-corrected errors (DKEFS\_SCERR\_1)**
3. **Condition 1 Total time to complete in seconds (DKEFS\_TIME\_1)**
4. **Condition 2 Uncorrected errors (DKEFS\_UNERR\_2)**
5. **Condition 2 Self-corrected errors (DKEFS\_SCERR\_2)**
6. **Condition 2 Total time to complete in seconds (DKEFS\_TIME\_2)**
7. **Condition 3 Uncorrected errors (DKEFS\_UNERR\_3)**
8. **Condition 3 Self-corrected errors (DKEFS\_SCERR\_3)**
9. **Condition 3 Total time to complete in seconds (DKEFS\_TIME\_3)**
10. **Condition 4 Uncorrected errors (DKEFS\_UNERR\_4)**
11. **Condition 4 Self-corrected errors (DKEFS\_SCERR\_4)**
12. **Condition 4 Total time to complete in seconds (DKEFS\_TIME\_4)**
13. **Summary: Color naming - scaled score (DKEFS\_CN)**
14. **Summary: Word reading - scaled score (DKEFS\_WR)**
15. **Summary: Inhibition- scaled score (DKEFS\_IN)**
16. **Summary: Inhibition/switching- scaled score (DKEFS\_SW)**

**Edinburgh Handedness**

1. **Number of left responses (EDH\_LFT)**
2. **Number of right responses (EDH\_RGT)**
3. **Number of both responses (EDH\_BTH)**