NACC UNIFORM DATA SET **LBD MODULE**

Neuropsychological Battery Worksheets

For tests reported on Form C1L

UDS Version 3.0, March 2015
LBD Module, August 2017

Revisions made since LBD Module implementation (August 2017)

Date yyyy-mm-dd	Description	Form(s) affected	Question(s) affected	Data element(s) affected
2018-09-27	Additional instructions provided for Speeded Attention Task	NA	NA	NA
2018-03-13	Additional instructions provided for Speeded Attention Task	NA	NA	NA
2017-10-23	Item descriptions clarified and made consistent with Form C1L	C1L	2a – 2d	LBNPFACE, LBNPNOIS, LBNPTCOR, LBNPPARD

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Speeded Attention Task

INSTRUCTIONS

WORD TASK

[Say:] **This is a test of how fast you can read the words on this page. You'll start here** (point to first item at the top of the column, and run hand down the first column)**, and then continue down the columns in order** (point and run hand down the 2nd, 3rd, 4th, and 5th columns in order). **Read out loud, as quickly as you can. If you finish all the columns, then return to the first column and start over** (point to the first item of the first column)**. If you make a mistake, I will say "no," and you can correct it and go on. Do you have any questions? Ready? Begin.**

Start the timer. Follow on the score key (next page). At 45 seconds, say "**Stop**" and mark the last response. Record the number of words read correctly.

COLOR TASK

[Say:] **This is a test of how fast you can name the colors on this page. Say the name of each color as quickly as you can, starting here** (point to first item at the top of the column, and run finger/hand down the first column)**, and then continue down the columns in order** (point and run hand down remaining columns in order)**. If you make a mistake, I will say "no," and you can correct it and go on. Do you have any questions? Ready? Begin.**

Start the timer. Follow on the score key (next page). At 45 seconds, say "**Stop**" and mark the last response. Record the number of colors named correctly.

COLOR-WORD TASK

[Say:] **On this page, I want you to name the color of the ink, and ignore the printed word. For example, for this item** (point to first item at the top of the column)**, what would you say?** (Correct response is red.)

If participant's response is incorrect, say: **No, the color of the ink is red. I want you to say the ink color. Try this one.** (Point to the second word in the column; correct response is blue. If incorrect again, repeat above instructions as many times as necessary until the participant understands or it becomes clear that it is impossible to continue.)

If correct, say: **Good. Now, name the color of the ink as quickly as you can, starting here** (point to the first item at the top of the column and run hand down the first column)**, and then continue down the columns in order. If you make a mistake, I'll say "no," and you can correct it and go on. Do you have any questions? Ready? Begin.**

Start the timer. If the participant makes an error and does not self-correct, say "**No**" as a prompt to correct. At 45 seconds, say "**Stop**" and mark the last response. Record the number of colors named correctly.

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Speeded Attention Task

RESPONSE SHEET / SCORE KEY

Word Scoring Key
At 45 seconds, mark the last response.

1	Blue	Green	Blue	Green	Blue
2	Red	Blue	Green	Red	Red
3	Green	Red	Red	Blue	Green
4	Red	Blue	Green	Red	Red
5	Green	Green	Red	Green	Blue
6	Blue	Red	Blue	Blue	Green
7	Green	Blue	Red	Green	Red
8	Red	Red	Blue	Blue	Green
9	Blue	Green	Green	Red	Blue
10	Red	Red	Red	Blue	Green
11	Blue	Blue	Green	Green	Blue
12	Green	Green	Blue	Red	Red
13	Blue	Red	Green	Blue	Blue
14	Green	Green	Blue	Red	Green
15	Red	Blue	Red	Green	Red
16	Green	Green	Blue	Red	Green
17	Blue	Red	Red	Blue	Red
18	Red	Blue	Green	Green	Blue
19	Blue	Red	Red	Blue	Green
20	Red	Green	Blue	Red	Blue

Color Scoring Key
At 45 seconds, mark "/c" next to last response.

Color-Word Scoring Key
At 45 seconds, mark "/cw" next to last response.

1	Red	Blue	Red	Green	Blue
2	Blue	Green	Blue	Blue	Red
3	Green	Red	Green	Red	Green
4	Red	Blue	Blue	Green	Blue
5	Blue	Red	Green	Red	Green
6	Red	Green	Red	Blue	Red
7	Blue	Blue	Green	Red	Green
8	Green	Green	Red	Blue	Red
9	Blue	Red	Blue	Green	Blue
10	Green	Blue	Red	Red	Red
11	Red	Green	Blue	Green	Blue
12	Green	Red	Green	Blue	Green
13	Blue	Green	Blue	Red	Blue
14	Green	Blue	Red	Green	Red
15	Red	Green	Green	Blue	Blue
16	Blue	Red	Blue	Red	Green
17	Green	Blue	Red	Green	Red
18	Blue	Red	Green	Red	Green
19	Red	Green	Red	Blue	Blue
20	Green	Blue	Blue	Green	Red

Raw Word Score (number of correct responses): _____

Raw Color Score (number of correct responses): _____

Raw Color-Word Score (number of correct responses): _____

BLUE	GREEN	BLUE	GREEN	BLUE
RED	BLUE	GREEN	RED	RED
GREEN	RED	RED	BLUE	GREEN
RED	BLUE	GREEN	RED	RED
GREEN	GREEN	RED	GREEN	BLUE
BLUE	RED	BLUE	BLUE	GREEN
GREEN	BLUE	RED	GREEN	RED
RED	RED	BLUE	BLUE	GREEN
BLUE	GREEN	GREEN	RED	BLUE
RED	RED	RED	BLUE	GREEN
BLUE	BLUE	GREEN	GREEN	BLUE
GREEN	GREEN	BLUE	RED	RED
BLUE	RED	GREEN	BLUE	BLUE
GREEN	GREEN	BLUE	RED	GREEN
RED	BLUE	RED	GREEN	RED
GREEN	GREEN	BLUE	RED	GREEN
BLUE	RED	RED	BLUE	RED
RED	BLUE	GREEN	GREEN	BLUE
BLUE	RED	RED	BLUE	GREEN
RED	GREEN	BLUE	RED	BLUE

BLUE	RED	GREEN	BLUE	RED
GREEN	BLUE	RED	GREEN	GREEN
RED	GREEN	BLUE	BLUE	BLUE
BLUE	RED	GREEN	RED	GREEN
RED	GREEN	RED	GREEN	RED
GREEN	BLUE	BLUE	RED	GREEN
RED	GREEN	RED	BLUE	RED
BLUE	RED	BLUE	RED	BLUE
GREEN	BLUE	GREEN	BLUE	RED
RED	GREEN	BLUE	GREEN	BLUE
GREEN	RED	GREEN	BLUE	GREEN
BLUE	GREEN	BLUE	RED	BLUE
GREEN	BLUE	RED	GREEN	RED
RED	GREEN	GREEN	RED	BLUE
BLUE	RED	RED	GREEN	GREEN
GREEN	BLUE	GREEN	BLUE	RED
BLUE	RED	BLUE	RED	BLUE
RED	GREEN	RED	BLUE	RED
GREEN	BLUE	GREEN	GREEN	GREEN
BLUE	GREEN	RED	RED	BLUE

Noise Pareidolia Task (Short Form)

INSTRUCTIONS

[Say:] **I am going to show you black and white patterns. Some of them have human faces within the pattern, and others do not. I will ask if you see a face. If you do, say "yes" and point to it. If you don't see a face, say "no."**

It's okay to repeat instructions or repeat the question "Do you see a face?"

PRACTICE ITEMS

    The aim of the practice items are to make sure the participant understands that there are two stimuli: those with a face, and those without a face.

    Stimulus 1: [Say:] **Do you see a face?**

- If the participant says yes and points to the correct location, say **That's right.**
- If the participant says yes but does not point, say **Okay, point to where you see the face.**
- If the participant says no or points to the wrong location, say **Actually, there is a face here,** and point to it.

    Stimulus 2: [Say:] **Do you see a face?**

- If the participant says no, say **That's right.**
- If participant says yes, say **Actually, there is no face in this one.**

    Stimulus 3: [Say:] **Do you see a face?** (Instructions are the same as for Stimulus 1.)

TASK ITEMS

    For each item, ask **Do you see a face?** If the participant says yes but does not point, say **Point to where you see the face.**

- Allow up to 30 seconds for a response. Do <u>not</u> tell the participant whether the answer is correct.
- If the participant says "I don't know" or does not respond, it's okay to ask, **Do you think there is a face here?**
- If the participant does not provide a final response of yes or no, then mark as "No."
- Once the participant understands the task, you need not repeat the instructions for each card.
- If the participant does not seem to understand that some stimuli will have a face and some will not, it's okay to say "Some cards have a face, and some do not"

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Noise Pareidolia Task (Short Form)

WORKSHEET

#	Stimulus	Select response	
1	Face	☐ **Yes**	☐ No or wrong place
2	Noise	☐ Yes	☐ **No**
3	Noise	☐ Yes	☐ **No**
4	Face	☐ **Yes**	☐ No or wrong place
5	Noise	☐ Yes	☐ **No**
6	Noise	☐ Yes	☐ **No**
7	Noise	☐ Yes	☐ **No**
8	Face	☐ **Yes**	☐ No or wrong place
9	Noise	☐ Yes	☐ **No**
10	Face	☐ **Yes**	☐ No or wrong place
11	Noise	☐ Yes	☐ **No**
12	Noise	☐ Yes	☐ **No**
13	Face	☐ **Yes**	☐ No or wrong place
14	Noise	☐ Yes	☐ **No**
15	Noise	☐ Yes	☐ **No**
16	Face	☐ **Yes**	☐ No or wrong place
17	Noise	☐ Yes	☐ **No**
18	Face	☐ **Yes**	☐ No or wrong place
19	Noise	☐ Yes	☐ **No**
20	Noise	☐ Yes	☐ **No**

SCORING

Correct **YES** Face Responses: _____ /7 (Number of **YES** responses to face stimuli that includes pointing to the correct location)

Correct **NO** Noise Responses: _____ /13 (Number of **NO** responses to noise stimuli without face images)

Total **YES** and **NO** Correct: _____ /20 (Correct **YES** face responses + Correct **NO** noise responses)

Pareidolia (Illusory) Responses: _____ /13 (Number of **YES** responses to noise stimuli that include pointing to a face where there is no face)

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Noise Pareidolia Task-Short Form

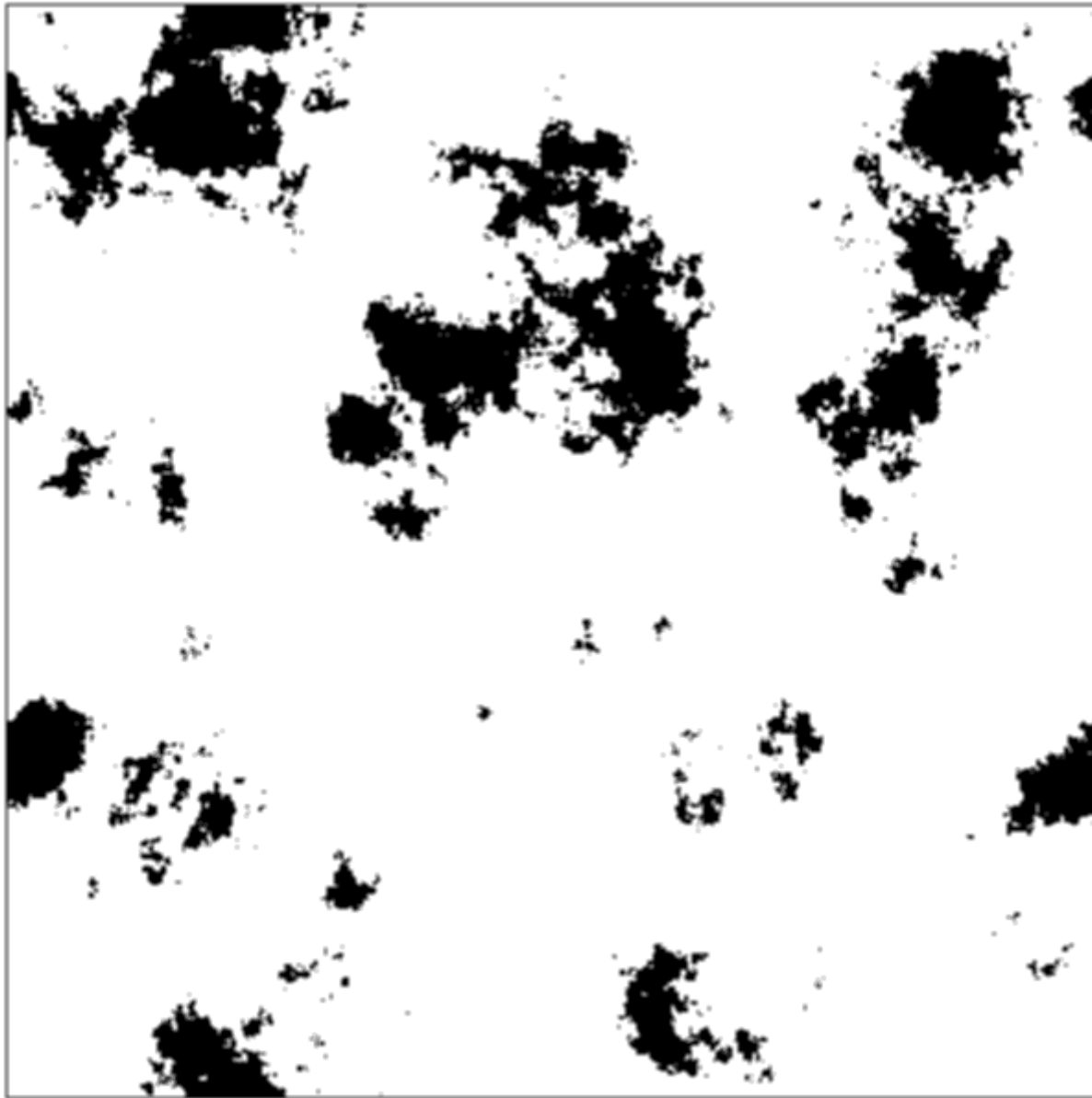**Noise Pareidolia Task-Short Form provided courtesy of:**

Yoshiyuki Nishio[a], Kayoko Yokoi[a], Yasuyuki Mamiya[a], Hiroyuki Watanabe[a], Tatsuo Shimomura[c], Etsuro Mori[a]
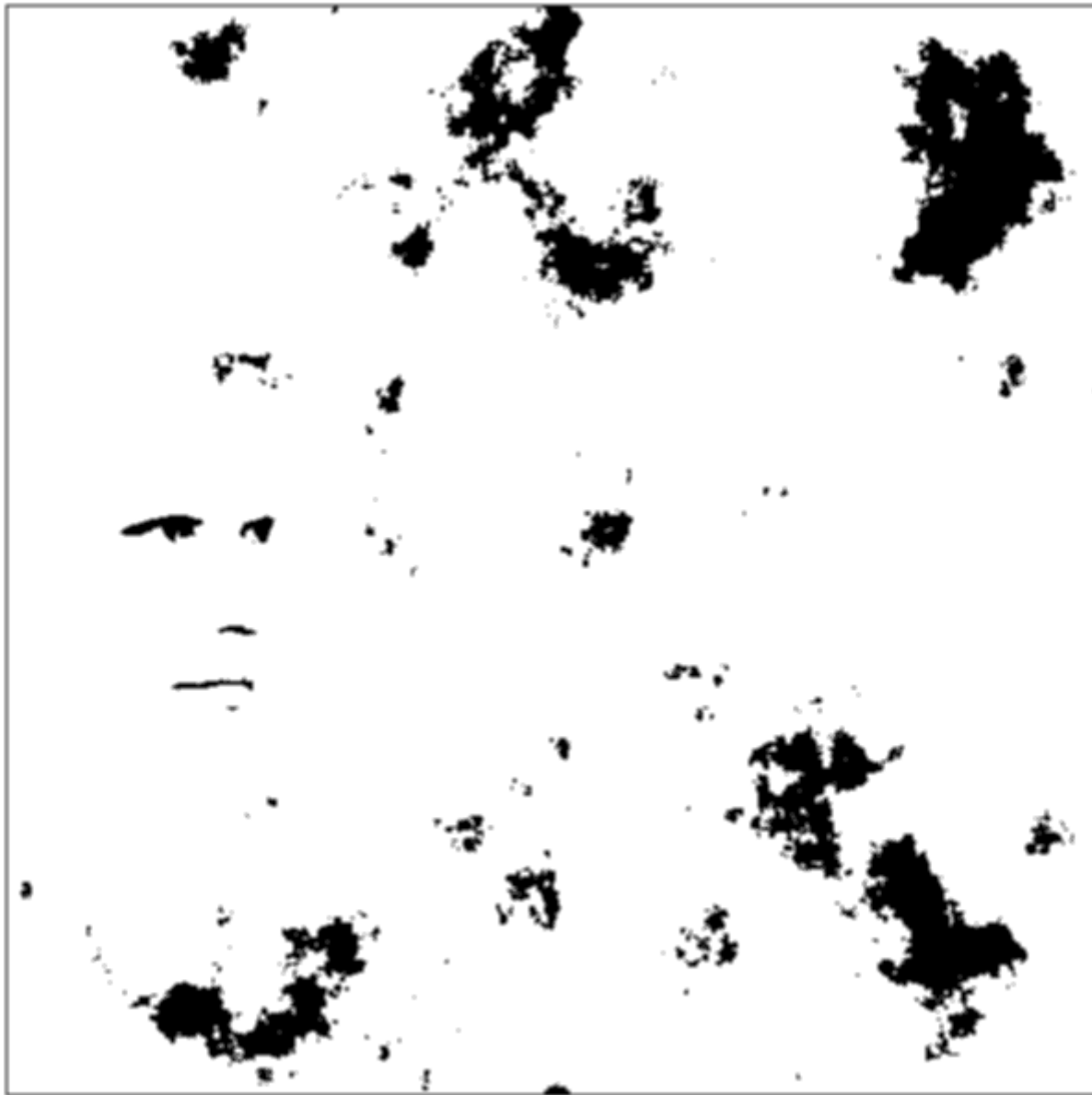
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Practice

Practice 1

Practice 2

Practice 3

Test

2

3

4

5

8

14

15