SOL-INCA 2
MINT Sprint (MSPB)
QxQ
6/7/2023

Introduction

The Multilingual Naming Test Sprint (MINT Sprint) is an objective measure of Spanish-English bilingualism and picture naming memory.

Procedures

The participant is asked to name a series of pictures twice (i.e., there are two trials), first in their preferred language and then in their secondary language. Even though the English Neurocognitive Assessment Booklet (NAB) starts with the English Sprint and the Spanish NAB starts with the Spanish Sprint, the participant's preferred language should always be administered first.

The participant should point as they name the pictures. This will help keep track of the item the participant is naming. When necessary, prompt the participant by saying "Use your finger to point along as you name the pictures." or "Usa el dedo para señalarlo mientras nombra las imágenes."

This is a timed test. The participant is given up to four minutes for each language. If the participant names the picture, check the box next to the word. If the participant provides a response that is different from the word listed, leave the box unchecked and write the response directly underneath the word.

Stop the participant at the four (4) minute time limit. Generally, participants finish long before the time limit when they are using their preferred language. If the participant stops naming pictures after 10 seconds, prompt them by saying "Can you name any other pictures?" For Spanish administration, say "¿Puede indicar el nombre de las otras imágenes?" If they cannot name any other pictures after another 10 seconds, discontinue the test.

Record (a) the time required to name all the pictures, (b) the maximum time of 4 minutes, or (c) the time at which the test was discontinued. If the test was discontinued after the participant was prompted, include the additional 10 seconds after the prompt.

Admissible words should only be in the language being tested. If the participant says a word in the other language, prompt the participant by saying "Remember, only use [English/Spanish]. Later you will have a chance to name pictures in [other language]." For Spanish administration, say "Recuerda, solo dígame los nombres en español o en inglés. Después tendrá la oportunidad de nombrar las imágenes en [other language]."

If the participant does not speak a second language, ask the participant to "Just give it a try." For Spanish administration, say "Solo inténtelo." If they are unable to provide any responses after 10 seconds, the task may be discontinued.

A video tutorial depicting the data entry process in CDART is available online at https://sites.cscc.unc.edu/hchs/SOL-INCA.

Recording Responses

Lists of alternative correct responses and common wrong answers are provided in the alternative word list, here:
https://www.dropbox.com/s/shzcb8kmnek8whz/SOLINCA_MINTSPRINT_AlternateWordSpreadsheet.xlsx?dl=0. If an unfamiliar word that is not on the list was stated by the participant, write it down. After the testing session, enter it into CDART underneath the correct word and review the word with a supervisor.

Q1. Record the participant's preferred language (1 = English, 2 = Spanish).

Q2a – Q81b. Indicate whether or not the participant correctly named the item in English (1 = Yes, 0 = No). Enter unfamiliar English words underneath the correct word.

Q82a: This score will be calculated automatically in CDART after **Q2a-Q81a** have been completed.

Q82b: Enter the total time in minutes and seconds to complete the English MINT Sprint from Page 22 of the English NAB *or* Page 24 of the Spanish NAB.

Q83a – Q162b: Indicate whether or not the participant correctly named the item in Spanish (1 = Yes, 0 = No). Enter unfamiliar Spanish words underneath the correct word.

Q163a: This score will be calculated automatically in CDART after **Q83a-Q162a** have been completed.

Q163b: Enter the total time in minutes and seconds to complete the Spanish MINT Sprint from Page 24 of the English NAB *or* Page 22 of the Spanish NAB.

For Alternate Correct Responses and Common Wrong Answers, see Alternate Word List, here:
https://www.dropbox.com/s/shzcb8kmnek8whz/SOLINCA_MINTSPRINT_AlternateWordSpreadsheet.xlsx?dl=0.