UnderStandingAmericaStudy

UAS HRS WAVE 3 COGNITIVE SCORING

USC Dornsife Center for Economic and Social Research

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1 INTRODUCTION

This document describes the scoring of the cognitive tests in UAS HRS Wave 3 A-D in UAS185.

2 SERIAL SEVENS

The HRS serial sevens cognitive test involves asking respondents to subtract 7 from 100 and then to continue for a total of five subtractions in a row. It is administered to all respondents of UAS185. The answers to the subtractions are captured in variables d142, d143, d144, d145 and d146. The scoring variables are as follows:

- o d142_ok: indicates if the subtraction of 100 minus 7 is correct.

- o d143_ok: indicates if the subtraction of the answer to d142 minus 7 is correct.

- o d144_ok: indicates if the subtraction of the answer to d143 minus 7 is correct.

- o d145_ok: indicates if the subtraction of the answer to d144 minus 7 is correct.

- o d146_ok: indicates if the subtraction of the answer to d145 minus 7 is correct.

- o serialseven: indicates how many subtractions are correct.

Answers are scored as follows:

- o An answer is marked incorrect (denoted by e.g. d142_ok=5) if:

  - ■ It is preceded by a non-answer (indicated by ".e") in the series. For example, if the answer to d143 and d144 is correct, but d142 equals ".e", d143 and d144 are also considered to be ".e".

  - ■ The answer is NOT the result of the subtraction of 100 minus 7 (for d142) or the preceding answer minus 7 (for d143 to 146)

- o An answer is marked correct (denoted by e.g. d142_ok=1) if:

  - ■ It is NOT preceded by a non-answer (indicated by ".e") in the series. For example, if the answer to d143 and d144 is correct, but d142 equals ".e", d143 and d144 are also considered to be ".e".

  - ■ The answer is the result of the subtraction of 100 minus 7 (for d142) or the preceding answer minus 7 (for d143 to 146)

- No score is provided (denoted by e.g. d142_ok=.a) if the subtraction was not asked, reflected for example by d142 equals "a.".