

In Person: Cognition - Digit Ordering

JDIGIT Cognition - Digit Ordering Module

OVERVIEW

The Cognition - Digit Ordering Module, which was first administered to a randomly selected 80% sub-sample during the 2004 collection wave, assesses cognitive ability by asking participants to mentally rearrange and verbally restate increasingly lengthy sets of one-digit numbers such that they are value-ordered from lowest to highest. For the 2011 CAPI interview, the exact same version of the Digit Ordering Task used in 2004 was once again administered to a randomly selected 80% sub-sample. Prior to attempting the task, selected participants were told:

"Now we are going to do a task that's quite a bit different. I'm going to read some numbers to you, and when I am done I would like you to rearrange the numbers from the lowest number I say to the highest number I say and then say them back to me. For example, if I said '4 zero 2', you would say, 'zero 2 4'. I can only say the numbers once, so that's why it's important that you are able to hear me clearly.

This is designed to be a little hard and we want you to do it without writing anything down. We don't expect everyone to get everything right, but we really want you to try your best, OK? Is this clear?"

If the participant understood these instructions and agreed to attempt the Digit Ordering Task, the interviewer proceeded to read them a series of three one-digit numbers. If the participant correctly repeated the numbers in ascending order, they moved on to the next level of the task, in which they were asked to rearrange and restate a series of numbers that was one-digit longer (in the referenced case, four digits long). Participants who repeated the first set of numbers in an incorrect order were given a second series of three one-digit numbers. If they correctly rearranged this set, they moved on to the next level of the task; if they once again restated the numbers in an incorrect order, however, the interviewer thanked them for their efforts and ended the task. This incremental administration pattern continued until the number sequences reached a maximum of eight digits or until the participant incorrectly rearranged two consecutive number sequences of equivalent length. Participants' answers were recorded verbatim for the duration of the Digit Ordering Task and they were never informed as to the correctness or incorrectness of their responses, although positive feedback (e.g. "you're doing really well!") was provided to those who reached number sequence lengths of five and seven digits.

For more information about the nature of the Cognition - Digit Ordering Module and our cognition data at prior collection waves, please see Appendix G (cor862 and cor946). No new documentation about the Digit Ordering Task was added to the appendix for the 2011 collection wave.

BRIEF VARIABLE DESCRIPTIONS

Variable ranges reference dataset/codebook order and are not necessarily alphabetical.

Wisconsin Longitudinal Study Codebook

HORDSTAT-HORDREL: Module-Level Status Variables

HI501RE: Random 80% Sub-Sampling Flag Dictating Whether Digit Ordering Task Administered to Participant

HI501REA: Flag for Outcome of Digit Ordering Task

HI502RE: Highest Level of Digit Ordering Task Successfully Completed by Participant, Not Including Those Who Refused One or More Items

HI502REA: Highest Level of Digit Ordering Task Successfully Completed by Participant, Including Those Who Refused One or More Items

HI503RE: Participant's Score for the Digit Ordering Task, Not Including Those Who Refused One or More Items

HI503REA: Participant's Score for the Digit Ordering Task, Including Those Who Refused One or More Items

HI504RE: Flag Providing Additional Information About Low Performance on the Digit Ordering Task

HI531RE-HI536RE: Task Level #1 (3-Digit Number Sequences): Indicators for the Participant's Answers and Their Correctness

HI541RE-HI546RE: Task Level #2 (4-Digit Number Sequences): Indicators for the Participant's Answers and Their Correctness

HI551RE-HI556RE: Task Level #3 (5-Digit Number Sequences): Indicators for the Participant's Answers and Their Correctness

HI561RE-HI566RE: Task Level #4 (6-Digit Number Sequences): Indicators for the Participant's Answers and Their Correctness

HI571RE-HI576RE: Task Level #5 (7-Digit Number Sequences): Indicators for the Participant's Answers and Their Correctness

HI581RE-HI586RE: Task Level #6 (8-Digit Number Sequences): Indicators for the Participant's Answers and Their Correctness

hordstat: Was the Cognition - Digit Ordering Module completed by Participant alone, with help, or by proxy?

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_ordproxy1, y_ordhelp0, capiproxy, y_proxy, and y_ivwloc

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-2	Inappropriate Inap, not in sample (y_alcflag != 1)	602	705	1307
1	R COMPLETED ALONE	1936	2347	4283
2	R COMPLETED ALONE WITH SOMEONE ELSE IN THE ROOM	224	128	352
3	R RECEIVED A LITTLE HELP	3	0	3
5	HELPER RESPONDED TO ALL ITEMS	1	0	1

Note: For many cases a participant's spouse or other family member was present during the interview. This sometimes resulted in the participant relying on the other person for help in answering some or many of the questions. At the end of each module the interviewer indicated the amount of help the participant received and who provided that help. That assessment is covered by codes 1 through 5. Additionally, a code of 7 indicates that the entire interview was administered to a proxy while a code of 6 indicates that this particular module was answered by a proxy but other modules were answered by the participant.

hordrel: Relationship of Cognition - Digit Ordering Module helper or proxy to Participant.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hordstat, y_ordproxy1, y_ordhelp0, y_ordhelp1, y_ordhelp2_hfn, y_ordhelp3, y_h1fn to y_h4fn, y_pfn, prxyfnam, y_p1fn to y_p5fn, y_prel, prxyrel, and y_p1rel to y_p5rel

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-2	Inappropriate Inap, not in sample (y_alcflag != 1) or hordstat=1,2,-3	2762	3180	5942
0	SPOUSE	4	0	4

Note: If this module was administered via proxy or if the participant received help answering the questions in this module then we record the relationship of the proxy/helper to the participant. Although most participants relied on only one helper or proxy for the interview, some had more than one. Thus the value of the relationship code may vary across the modules.

hi501re: Summary of whether Participant belonged to the 80% sub-sample randomly selected to complete the Digit Ordering Task.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_alcflag

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
0	NO, NOT IN 80% SUB-SAMPLE	602	705	1307
1	YES, IN 80% SUB-SAMPLE	2175	2486	4661

hi501rea: Flag for outcome of the Digit Ordering Task.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501re, y_i40, y_i40no, hi535re, hi536re, hi545re, hi546re, hi555re, hi556re, hi565re, hi566re, hi575re, hi576re, hi585re, hi586re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-2	Inappropriate INAPPROPRIATE (hi501re != 1)	602	705	1307
1	COMPLETED, DID NOT REFUSE ANY ITEMS	2116	2426	4542
2	COMPLETED, REFUSED ONE OR MORE ITEMS	26	30	56
3	DID NOT COMPLETE, REFUSED TO CONTINUE WITH TASK AFTER BEGINNING	1	0	1
5	REFUSED TASK IN ITS ENTIRETY BEFORE BEGINNING	21	19	40

Note: The participant "completed" the Digit Ordering Task if they legitimately responded to every item that was asked of them (with an answer attempt, indication they did not know the answer, or an item-specific refusal to answer); completions have been differentiated depending on whether any individual Digit Ordering items were refused (see categories "1" and "2"). Participants who refused to even attempt the task have been assigned values of "5" on this variable while those who initially agreed to try but later refused to continue have been assigned values of "3". If the task was not administered properly (perhaps the participant, rather than mentally rearranging number sequences, wrote them down) or we have no record of how the participant responded to one or more Digit Ordering items, a value of "4" was assigned.

hi502re: Highest level of Digit Ordering Task successfully completed if Participant never refused an item.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi531re, hi532re, hi541re, hi542re, hi551re, hi552re, hi561re, hi562re, hi571re, hi572re, hi581re, hi582re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-2	Inappropriate INAPPROPRIATE (hi501rea != 1)	650	754	1404
2	UNABLE TO COMPLETE LEVEL 1, 3 DIGITS	108	104	212
3	COMPLETED LEVEL 1, 3 DIGITS	42	44	86
4	COMPLETED LEVEL 2, 4 DIGITS	178	170	348
5	COMPLETED LEVEL 3, 5 DIGITS	770	811	1581
6	COMPLETED LEVEL 4, 6 DIGITS	449	586	1035
7	COMPLETED LEVEL 5, 7 DIGITS	353	489	842
8	COMPLETED LEVEL 6, 8 DIGITS	216	222	438

Note: This variable does not include participants who completed the Digit Ordering Task but refused to provide an answer at one or more administered number sequences (see HI501REA). For an analogous variable that includes such participants, see HI502REA. A level of the Digit Ordering Task was considered "completed" if the participant correctly rearranged and restated one of the two (equivalently lengthy) digit sequences for that level in ascending numerical order; the task continued until the participant was unable to correctly repeat either of the sequences on a level.

hi502rea: Highest level of Digit Ordering Task successfully completed, includes Participants who refused one or more items.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
 Source variables: hi501rea, hi531re, hi532re, hi541re, hi542re, hi551re, hi552re, hi561re, hi562re, hi571re, hi572re, hi581re, hi582re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-2	Inappropriate INAPPROPRIATE (hi501rea != 1 or 2)	624	724	1348
2	UNABLE TO COMPLETE LEVEL 1, 3 DIGITS	111	110	221
3	COMPLETED LEVEL 1, 3 DIGITS	42	44	86
4	COMPLETED LEVEL 2, 4 DIGITS	179	171	350
5	COMPLETED LEVEL 3, 5 DIGITS	780	817	1597
6	COMPLETED LEVEL 4, 6 DIGITS	452	596	1048
7	COMPLETED LEVEL 5, 7 DIGITS	362	496	858
8	COMPLETED LEVEL 6, 8 DIGITS	216	222	438

Note: This variable includes participants who completed the Digit Ordering Task but refused to provide an answer at one or more administered number sequences (see HI501REA). For an analogous variable that excludes participants who refused administered number sequences, see HI502RE. A level of the Digit Ordering Task was considered "completed" if the participant correctly rearranged and restated one of the two (equivalently lengthy) digit sequences for that level in ascending numerical order; the task continued until the participant was unable to correctly repeat either of the sequences on a level.

hi503re: Score for the Digit Ordering Task if Participant never refused an item.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
 Source variables: hi501rea, hi531re, hi532re, hi541re, hi542re, hi551re, hi552re, hi561re, hi562re, hi571re, hi572re, hi581re, hi582re

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Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-2	Inappropriate INAPPROPRIATE (hi501rea != 1)	650	754	1404
0	LOWEST POSSIBLE	108	104	212
1		13	13	26
2		32	32	64
3		15	17	32
4		172	164	336
5		260	226	486
6		542	613	1155
7		186	252	438
8		271	375	646
9		143	212	355
10		226	259	485
11		94	106	200
12	HIGHEST POSSIBLE	54	53	107

Note: This variable does not include participants who completed the Digit Ordering Task but refused to provide an answer at one or more administered number sequences (see HI501REA). For an analogous variable that includes such participants, see HI503REA. Scores were calculated by summing the points earned by the participant on each Digit Ordering Task level. If the participant correctly rearranged and restated the first number sequence on a level, they were given two points (and skipped to the next level), while those who incorrectly repeated the first sequence but correctly restated the second earned one point. If the participant was unable to correctly repeat either of the (equivalently lengthy) number sequences on a level, the task was ended and no further points were earned. Since the Digit Ordering Task has six levels, participants could achieve a maximum score of "12".

hi503rea: Score for the Digit Ordering Task, includes Participants who refused one or more items.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
 Source variables: hi501rea, hi531re, hi532re, hi541re, hi542re, hi551re, hi552re, hi561re, hi562re, hi571re, hi572re, hi581re, hi582re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-2	Inappropriate INAPPROPRIATE (hi501rea != 1 or 2)	624	724	1348
0	LOWEST POSSIBLE	111	110	221
1		13	13	26
2		32	32	64
3		15	17	32
4		174	165	339
5		263	227	490
6		548	620	1168
7		188	254	442
8		274	382	656
9		150	215	365
10		226	262	488
11		94	106	200
12	HIGHEST POSSIBLE	54	53	107

Note: This variable includes participants who completed the Digit Ordering Task but refused to provide an answer at one or more administered number sequences (see HI501REA). For an analogous variable that excludes participants who refused administered number sequences, see HI503RE. Scores were calculated by summing the points earned by the participant on each Digit Ordering Task level. If the participant correctly rearranged and restated the first number sequence on a level, they were given two points (and skipped to the next level), while those who incorrectly repeated the first sequence but correctly restated the

second earned one point. If the participant was unable to correctly repeat either of the (equivalently lengthy) number sequences on a level, the task was ended and no further points were earned. Since the Digit Ordering Task has six levels, participants could achieve a maximum score of "12".

hi504re: Flag providing additional information about low performance on the Digit Ordering Task.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi502rea, y_i43a, y_i43b

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-2	Inappropriate INAPPROPRIATE (hi502rea != 2)	2655	3070	5725
1	DIGITS RECITED IN BACKWARDS ORDER	73	78	151
2	DIGITS RECITED IN DESCENDING ORDER	6	6	12
3	OTHER	32	26	58

Note: This variable is only applicable to participants who "completed" the Digit Ordering Task (see HI501REA) but failed to advance beyond level #1 (see HI502REA). If such a participant responded to both of the administered number sequences on level #1 by rearranging them in the order reverse of how they were originally stated by the interviewer (i.e. "1-8-4" and "5-9-6"), they were assigned a value of "1" on this variable. If, rather than value-ordering the sequences from lowest to highest, the participant restated both of them from highest to lowest (i.e. "8-4-1" and "9-6-5"), they were assigned a value of "2". If neither of these response patterns captures how the participant rearranged the sequences on level #1, they have been assigned a value of "3", signifying "other." For the answers actually given by the participant on level #1, see HI535RE and HI536RE.

hi531re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #1: '4-8-1'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi535re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-3	REFUSED	3	6	9
-2	Inappropriate INAPPROPRIATE (hi501rea != 1,2,3, or 4)	623	724	1347
-1	DON'T KNOW	4	3	7
1	CORRECT ANSWER GIVEN	1974	2296	4270
2	INCORRECT ANSWER GIVEN	162	151	313

Note: Digit Ordering Task level #1 included number sequences that were three digits in length. For this number sequence, the only correct answer was "1-4-8". All participants who answered differently were assigned a value of "2" on this variable, signifying "incorrect answer given" (see HI535RE).

hi532re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #1: '6-9-5'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi531re, hi536re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-3	REFUSED	3	5	8
-2	Inappropriate INAPPROPRIATE (hi501rea != 1,2,3, or 4 hi531re = 1)	2597	3020	5617
-1	DON'T KNOW	0	2	2
1	CORRECT ANSWER GIVEN	58	50	108
2	INCORRECT ANSWER GIVEN	108	103	211

Note: Digit Ordering Task level #1 included number sequences that were three digits in length. For this number sequence, the only correct answer was "5-6-9". All participants who answered differently were assigned a value of "2" on this variable, signifying "incorrect answer given" (see HI536RE). For more detail about the responses provided by participants who answered incorrectly at both of the number sequences on Digit Ordering Task level #1, see HI504RE.

hi535re: Participant's answer for number sequence #1 on Digit Ordering Task level #1: '4-8-1'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, y_i43a

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2146	2019	4165
"-1"	DON'T KNOW	4	3	7
"-2"	Inappropriate INAPPROPRIATE (hi501rea != 1,2,3, or 4)	623	724	1347
"-27"	NOT ASKED OF PROXY	11	11	22
"-3"	REFUSED	3	6	9
"-30"	NOT PART OF MOSAQ	68	116	184
"0148"		1	0	1
"108"		2	0	2
"149"		2	0	2
"18"		3	1	4
"481"		2	0	2
"482"		0	1	1
"654"		1	0	1

Note: Only 13 of 31 values are listed.

Note: Digit Ordering Task level #1 included number sequences that were three digits in length. For this number sequence, the only correct answer was "1-4-8"; see HI531RE for the relative frequency of correct versus incorrect responses, as well as the codes that correspond to any negative values (e.g. -27, -5, -4, -3, -2, or -1).

hi536re: Participant's answer for number sequence #2 on Digit Ordering Task level #1: '6-9-5'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
 Source variables: hi501rea, hi531re, y_i43b

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2146	2019	4165
"-1"	DON'T KNOW	0	2	2
"-2"	Inappropriate INAPPROPRIATE (hi501rea != 1,2,3, or 4 hi531re = 1)	2597	3020	5617
"-27"	NOT ASKED OF PROXY	11	11	22
"-3"	REFUSED	3	5	8
"-30"	NOT PART OF MOSAQ	68	116	184
"1"		2	1	3
"196"		1	1	2
"569"		58	50	108
"694"		0	1	1
"9"		1	0	1
"95"		1	0	1
"956"		5	8	13
"965"		12	8	20
"985"		0	1	1

Note: Only 15 of 30 values are listed.

Note: Digit Ordering Task level #1 included number sequences that were three digits in length. For this number sequence, the only correct answer was "5-6-9"; see HI532RE for the relative frequency of correct versus incorrect responses, as well as the codes that correspond to any negative values (e.g. -27, -5, -4, -3, -2, or -1). For more detail about the responses provided by participants who answered incorrectly at both of the number sequences on Digit Ordering Task level #1, see HI504RE.

hi541re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #2: '7-8-3-0'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi545re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-2	Inappropriate INAPPROPRIATE (hi531re != 1 and hi532re != 1)	734	834	1568
-1	DON'T KNOW	6	1	7
1	CORRECT ANSWER GIVEN	1945	2260	4205
2	INCORRECT ANSWER GIVEN	81	85	166

Note: Digit Ordering Task level #2 included number sequences that were four digits in length. For this number sequence, the only correct answer was "0-3-7-8". All participants who answered differently were assigned a value of "2" on this variable, signifying "incorrect answer given" (see HI545RE).

hi542re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #2: '6-3-4-2'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi541re, hi546re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-2	Inappropriate INAPPROPRIATE (hi531re != 1 and hi532re != 1 hi541re = 1)	2679	3094	5773
-1	DON'T KNOW	4	0	4
1	CORRECT ANSWER GIVEN	45	42	87
2	INCORRECT ANSWER GIVEN	38	44	82

Note: Digit Ordering Task level #2 included number sequences that were four digits in length. For this number sequence, the only correct answer was "2-3-4-6". All participants who answered differently were assigned a value of "2" on this variable, signifying "incorrect answer given" (see HI546RE).

hi545re: Participant's answer for number sequence #1 on Digit Ordering Task level #2: '7-8-3-0'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, y_i44a

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2146	2019	4165
"-1"	DON'T KNOW	6	1	7
"-2"	Inappropriate INAPPROPRIATE (hi531re != 1 and hi532re != 1)	734	834	1568
"-27"	NOT ASKED OF PROXY	11	11	22
"-30"	NOT PART OF MOSAQ	68	116	184
"01378"		1	0	1
"037"		1	1	2
"0370"		0	1	1
"0380"		1	0	1
"07"		1	0	1
"078"		2	4	6
"0837"		1	1	2
"3048"		1	0	1

Note: Only 14 of 52 values are listed.

Note: Digit Ordering Task level #2 included number sequences that were four digits in length. For this number sequence, the only correct answer was "0-3-7-8"; see HI541RE for the relative frequency of correct versus incorrect responses, as well as the codes that correspond to any negative values (e.g. -27, -5, -4, -3, -2, or -1).

hi546re: Participant's answer for number sequence #2 on Digit Ordering Task level #2: '6-3-4-2'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi541re, y_i44b

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2146	2019	4165
"-1"	DON'T KNOW	4	0	4
"-2"	Inappropriate INAPPROPRIATE (hi531re != 1 and hi532re != 1 hi541re = 1)	2679	3094	5773
"-27"	NOT ASKED OF PROXY	11	11	22
"-30"	NOT PART OF MOSAQ	68	116	184
"1642"		0	1	1
"2432"		0	2	2
"2436"		5	12	17
"2468"		0	6	6
"2634"		2	0	2
"3426"		1	0	1
"3462"		1	0	1
"3624"		0	1	1
"4263"		0	1	1

Note: Only 15 of 41 values are listed.

Note: Digit Ordering Task level #2 included number sequences that were four digits in length. For this number sequence, the only correct answer was "2-3-4-6"; see HI542RE for the relative frequency of correct versus incorrect responses, as well as the codes that correspond to any negative values (e.g. -27, -5, -4, -3, -2, or -1).

hi551re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #3: '9-5-8-2-4'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi555re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-3	REFUSED	1	1	2
-2	Inappropriate INAPPROPRIATE (hi541re != 1 and hi542re != 1)	776	878	1654
-1	DON'T KNOW	10	11	21
1	CORRECT ANSWER GIVEN	1465	1758	3223
2	INCORRECT ANSWER GIVEN	514	532	1046

Note: Digit Ordering Task level #3 included number sequences that were five digits in length. For this number sequence, the only correct answer was "2-4-5-8-9". All participants who answered differently were assigned a value of "2" on this variable, signifying "incorrect answer given" (see HI555RE).

hi552re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #3: '3-9-1-6-7'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone

Source variables: hi501rea, hi551re, hi556re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-3	REFUSED	1	0	1
-2	Inappropriate INAPPROPRIATE (hi541re != 1 and hi542re != 1 hi551re = 1)	2241	2636	4877
-1	DON'T KNOW	9	8	17
1	CORRECT ANSWER GIVEN	346	373	719
2	INCORRECT ANSWER GIVEN	169	163	332

Note: Digit Ordering Task level #3 included number sequences that were five digits in length. For this number sequence, the only correct answer was "1-3-6-7-9". All participants who answered differently were assigned a value of "2" on this variable, signifying "incorrect answer given" (see HI556RE).

hi555re: Participant's answer for number sequence #1 on Digit Ordering Task level #3: '9-5-8-2-4'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, y_i45a

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2146	2019	4165
"-1"	DON'T KNOW	10	11	21
"-2"	Inappropriate INAPPROPRIATE (hi541re != 1 and hi542re != 1)	776	878	1654
"-27"	NOT ASKED OF PROXY	11	11	22
"-3"	REFUSED	1	1	2
"-30"	NOT PART OF MOSAQ	68	116	184
"12489"		1	1	2
"2"		1	1	2
"2459"		69	60	129
"25789"		0	1	1
"27489"		1	0	1
"3489"		0	1	1
"4578"		1	2	3
"459"		1	0	1
"4982"		0	1	1
"52489"		0	2	2

Note: Only 16 of 131 values are listed.

Note: Digit Ordering Task level #3 included number sequences that were five digits in length. For this number sequence, the only correct answer was "2-4-5-8-9"; see HI551RE for the relative frequency of correct versus incorrect responses, as well as the codes that correspond to any negative values (e.g. -27, -5, -4, -3, -2, or -1).

hi556re: Participant's answer for number sequence #2 on Digit Ordering Task level #3: '3-9-1-6-7'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi551re, y_i45b

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2146	2019	4165
"-1"	DON'T KNOW	9	8	17
"-2"	Inappropriate INAPPROPRIATE (hi541re != 1 and hi542re != 1 hi551re = 1)	2241	2636	4877
"-27"	NOT ASKED OF PROXY	11	11	22
"-3"	REFUSED	1	0	1
"-30"	NOT PART OF MOSAQ	68	116	184
"0137"		1	0	1
"135679"		3	3	6
"1367"		37	35	72
"15678"		1	0	1
"16739"		1	1	2
"31679"		1	1	2
"3679"		12	13	25
"7614"		1	0	1
"76319"		0	1	1

Note: Only 15 of 90 values are listed.

Note: Digit Ordering Task level #3 included number sequences that were five digits in length. For this number sequence, the only correct answer was "1-3-6-7-9"; see HI552RE for the relative frequency of correct versus incorrect responses, as well as the codes that correspond to any negative values (e.g. -27, -5, -4, -3, -2, or -1).

hi561re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #4: '6-0-1-4-9-2'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi565re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-3	REFUSED	6	4	10
-2	Inappropriate INAPPROPRIATE (hi551re != 1 and hi552re != 1)	955	1049	2004
-1	DON'T KNOW	40	35	75
1	CORRECT ANSWER GIVEN	704	922	1626
2	INCORRECT ANSWER GIVEN	1061	1170	2231

Note: Digit Ordering Task level #4 included number sequences that were six digits in length. For this number sequence, the only correct answer was "0-1-2-4-6-9". All participants who answered differently were assigned a value of "2" on this variable, signifying "incorrect answer given" (see HI565RE).

hi562re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #4: '3-8-6-1-5-4'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone

Source variables: hi501rea, hi561re, hi566re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-3	REFUSED	7	4	11
-2	Inappropriate INAPPROPRIATE (hi551re != 1 and hi552re != 1 hi561re = 1)	1659	1971	3630
-1	DON'T KNOW	36	38	74
1	CORRECT ANSWER GIVEN	327	392	719
2	INCORRECT ANSWER GIVEN	737	775	1512

Note: Digit Ordering Task level #4 included number sequences that were six digits in length. For this number sequence, the only correct answer was "1-3-4-5-6-8". All participants who answered differently were assigned a value of "2" on this variable, signifying "incorrect answer given" (see HI566RE).

hi565re: Participant's answer for number sequence #1 on Digit Ordering Task level #4: '6-0-1-4-9-2'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, y_i46a

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2146	2019	4165
"-1"	DON'T KNOW	40	35	75
"-2"	Inappropriate INAPPROPRIATE (hi551re != 1 and hi552re != 1)	955	1049	2004
"-27"	NOT ASKED OF PROXY	11	11	22
"-3"	REFUSED	6	4	10
"-30"	NOT PART OF MOSAQ	68	116	184
"012458"		0	1	1
"012469"		704	922	1626
"0125689"		1	0	1
"01260"		1	0	1
"012684"		0	1	1
"01679"		4	0	4
"1026"		0	1	1
"12479"		1	0	1
"601249"		1	0	1

Note: Only 15 of 241 values are listed.

Note: Digit Ordering Task level #4 included number sequences that were six digits in length. For this number sequence, the only correct answer was "0-1-2-4-6-9"; see HI561RE for the relative frequency of correct versus incorrect responses, as well as the codes that correspond to any negative values (e.g. -27, -5, -4, -3, -2, or -1).

hi566re: Participant's answer for number sequence #2 on Digit Ordering Task level #4: '3-8-6-1-5-4'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi561re, y_i46b

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2146	2019	4165
"-1"	DON'T KNOW	36	38	74
"-2"	Inappropriate INAPPROPRIATE (hi551re != 1 and hi552re != 1 hi561re = 1)	1659	1971	3630
"-27"	NOT ASKED OF PROXY	11	11	22
"-3"	REFUSED	7	4	11
"-30"	NOT PART OF MOSAQ	68	116	184
"01569"		1	0	1
"034569"		1	0	1
"12"		1	0	1
"12568"		1	0	1
"1345"		32	11	43
"13645"		2	2	4
"14589"		4	2	6
"1459"		0	1	1
"14689"		1	2	3
"3568"		0	4	4

Note: Only 16 of 247 values are listed.

Note: Digit Ordering Task level #4 included number sequences that were six digits in length. For this number sequence, the only correct answer was "1-3-4-5-6-8"; see HI562RE for the relative frequency of correct versus incorrect responses, as well as the codes that correspond to any negative values (e.g. -27, -5, -4, -3, -2, or -1).

hi571re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #5: '2-9-8-1-7-0-5'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi575re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-3	REFUSED	2	4	6
-2	Inappropriate INAPPROPRIATE (hi561re != 1 and hi562re != 1)	1735	1866	3601
-1	DON'T KNOW	27	29	56
1	CORRECT ANSWER GIVEN	390	473	863
2	INCORRECT ANSWER GIVEN	612	808	1420

Note: Digit Ordering Task level #5 included number sequences that were seven digits in length. For this number sequence, the only correct answer was "0-1-2-5-7-8-9". All participants who answered differently were assigned a value of "2" on this variable, signifying "incorrect answer given" (see HI575RE).

hi572re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #5: '6-3-0-1-9-8-2'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone

Source variables: hi501rea, hi571re, hi576re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-3	REFUSED	4	5	9
-2	Inappropriate INAPPROPRIATE (hi561re != 1 and hi562re != 1 hi571re = 1)	2125	2339	4464
-1	DON'T KNOW	13	23	36
1	CORRECT ANSWER GIVEN	188	245	433
2	INCORRECT ANSWER GIVEN	436	568	1004

Note: Digit Ordering Task level #5 included number sequences that were seven digits in length. For this number sequence, the only correct answer was "0-1-2-3-6-8-9". All participants who answered differently were assigned a value of "2" on this variable, signifying "incorrect answer given" (see HI576RE).

hi575re: Participant's answer for number sequence #1 on Digit Ordering Task level #5: '2-9-8-1-7-0-5'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, y_i47a

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2146	2019	4165
"-1"	DON'T KNOW	27	29	56
"-2"	Inappropriate INAPPROPRIATE (hi561re != 1 and hi562re != 1)	1735	1866	3601
"-27"	NOT ASKED OF PROXY	11	11	22
"-3"	REFUSED	2	4	6
"-30"	NOT PART OF MOSAQ	68	116	184
"01235678"		0	1	1
"012357"		1	1	2
"01245679"		0	1	1
"01245789"		6	9	15
"01255789"		1	0	1
"02589"		4	7	11
"026789"		1	1	2
"102578"		1	0	1
"123578"		2	0	2

Note: Only 15 of 193 values are listed.

Note: Digit Ordering Task level #5 included number sequences that were seven digits in length. For this number sequence, the only correct answer was "0-1-2-5-7-8-9"; see HI571RE for the relative frequency of correct versus incorrect responses, as well as the codes that correspond to any negative values (e.g. -27, -5, -4, -3, -2, or -1).

hi576re: Participant's answer for number sequence #2 on Digit Ordering Task level #5: '6-3-0-1-9-8-2'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi571re, y_i47b

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2146	2019	4165
"-1"	DON'T KNOW	13	23	36
"-2"	Inappropriate INAPPROPRIATE (hi561re != 1 and hi562re != 1 hi571re = 1)	2125	2339	4464
"-27"	NOT ASKED OF PROXY	11	11	22
"-3"	REFUSED	4	5	9
"-30"	NOT PART OF MOSAQ	68	116	184
"0123679"		11	10	21
"012369"		34	72	106
"0124789"		0	1	1
"012698"		3	4	7
"01356"		0	1	1
"0136892"		0	1	1
"0189"		0	2	2
"023679"		1	1	2
"0369"		0	1	1
"123469"		0	1	1

Note: Only 16 of 161 values are listed.

Note: Digit Ordering Task level #5 included number sequences that were seven digits in length. For this number sequence, the only correct answer was "0-1-2-3-6-8-9"; see HI572RE for the relative frequency of correct versus incorrect responses, as well as the codes that correspond to any negative values (e.g. -27, -5, -4, -3, -2, or -1).

hi581re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #6: '1-6-7-3-0-8-5-2'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi585re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-3	REFUSED	4	2	6
-2	Inappropriate INAPPROPRIATE (hi571re != 1 and hi572re != 1)	2188	2462	4650
-1	DON'T KNOW	20	12	32
1	CORRECT ANSWER GIVEN	92	92	184
2	INCORRECT ANSWER GIVEN	462	612	1074

Note: Digit Ordering Task level #6 included number sequences that were eight digits in length. For this number sequence, the only correct answer was "0-1-2-3-5-6-7-8". All participants who answered differently were assigned a value of "2" on this variable, signifying "incorrect answer given" (see HI585RE).

hi582re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #6: '3-8-2-9-1-4-5-7'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi581re, hi586re

Value	Label	Frequencies		
		Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	11	11	22
-3	REFUSED	6	5	11
-2	Inappropriate INAPPROPRIATE (hi571re != 1 and hi572re != 1 hi581re = 1)	2280	2554	4834
-1	DON'T KNOW	23	22	45
1	CORRECT ANSWER GIVEN	124	130	254
2	INCORRECT ANSWER GIVEN	333	469	802

Note: Digit Ordering Task level #6 included number sequences that were eight digits in length. For this number sequence, the only correct answer was "1-2-3-4-5-7-8-9". All participants who answered differently were assigned a value of "2" on this variable, signifying "incorrect answer given" (see HI586RE).

hi585re: Participant's answer for number sequence #1 on Digit Ordering Task level #6: '1-6-7-3-0-8-5-2'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, y_i48a

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2146	2019	4165
"-1"	DON'T KNOW	20	12	32
"-2"	Inappropriate INAPPROPRIATE (hi571re != 1 and hi572re != 1)	2188	2462	4650
"-27"	NOT ASKED OF PROXY	11	11	22
"-3"	REFUSED	4	2	6
"-30"	NOT PART OF MOSAQ	68	116	184
"012356789"		27	18	45
"012357"		0	2	2
"01236789"		10	10	20
"01245789"		1	3	4
"013567"		1	0	1
"02589"		1	0	1
"123578"		1	2	3
"123678"		1	3	4
"1567"		0	1	1

Note: Only 15 of 189 values are listed.

Note: Digit Ordering Task level #6 included number sequences that were eight digits in length. For this number sequence, the only correct answer was "0-1-2-3-5-6-7-8"; see HI581RE for the relative frequency of correct versus incorrect responses, as well as the codes that correspond to any negative values (e.g. -27, -5, -4, -3, -2, or -1).

hi586re: Participant's answer for number sequence #2 on Digit Ordering Task level #6: '3-8-2-9-1-4-5-7'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi501rea, hi581re, y_i48b

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2146	2019	4165
"-1"	DON'T KNOW	23	22	45
"-2"	Inappropriate INAPPROPRIATE (hi571re != 1 and hi572re != 1 hi581re = 1)	2280	2554	4834
"-27"	NOT ASKED OF PROXY	11	11	22
"-3"	REFUSED	6	5	11
"-30"	NOT PART OF MOSAQ	68	116	184
"01234"		0	2	2
"012345789"		20	23	43
"0134567"		1	0	1
"123"		1	1	2
"123457891"		1	0	1
"12345879"		1	0	1
"12356789"		1	2	3
"12379"		1	0	1
"1245679"		1	1	2
"2356789"		2	0	2

Note: Only 16 of 181 values are listed.

Note: Digit Ordering Task level #6 included number sequences that were eight digits in length. For this number sequence, the only correct answer was "1-2-3-4-5-7-8-9"; see HI582RE for the relative frequency of correct versus incorrect responses, as well as the codes that correspond to any negative values (e.g. -27, -5, -4, -3, -2, or -1)

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