In Person: Cognition - Digit Ordering

KDIGIT Cognition - Digit Ordering Module

OVERVIEW

The Cognition - Digit Ordering Module, which was first administered to a randomly selected 80% sub-sample during the 2005 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 2005 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.

KORDSTAT-KORDREL:	Module-Level Status Variables
KI501RE:	Random 80% Sub-Sampling Flag Dictating Whether Digit Ordering Task Administered to Participant
KI501REA:	Flag for Outcome of Digit Ordering Task
KI502RE:	Highest Level of Digit Ordering Task Successfully Completed by Participant, Not Including Those Who Refused One or More Items
KI502REA:	Highest Level of Digit Ordering Task Successfully Completed by Participant, Including Those Who Refused One or More Items
KI503RE:	Participant's Score for the Digit Ordering Task, Not Including Those Who Refused One or More Items
KI503REA:	Participant's Score for the Digit Ordering Task, Including Those Who Refused One or More Items
KI504RE:	Flag Providing Additional Information About Low Performance on the Digit Ordering Task
KI531RE-KI536RE:	Task Level #1 (3-Digit Number Sequences): Indicators for the Participant's Answers and Their Correctness
KI541RE-KI546RE:	Task Level #2 (4-Digit Number Sequences): Indicators for the Participant's Answers and Their Correctness
KI551RE-KI556RE:	Task Level #3 (5-Digit Number Sequences): Indicators for the Participant's Answers and Their Correctness
KI561RE-KI566RE:	Task Level #4 (6-Digit Number Sequences): Indicators for the Participant's Answers and Their Correctness
KI571RE-KI576RE:	Task Level #5 (7-Digit Number Sequences): Indicators for the Participant's Answers and Their Correctness
KI581RE-KI586RE:	Task Level #6 (8-Digit Number Sequences): Indicators for the Participant's Answers and Their Correctness

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

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

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-2	Inappropriate Inap, not in sample (y_alcflag != 1)	356	392	748
1	R COMPLETED ALONE	1137	1304	2441
2	R COMPLETED ALONE WITH SOMEONE ELSE IN THE ROOM	129	61	190
3	R RECEIVED A LITTLE HELP	3	1	4

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.

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

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: kordstat, 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

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-2	Inappropriate Inap, not in sample (y_alcflag != 1) or kordstat=1,2,-3	1622	1757	3379
0	SPOUSE	3	1	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.

ki501re: Summary of whether Participant belonged to the 80% sub-sample randomly selected to complete the Digit Ordering Task.

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

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
0	NO, NOT IN 80% SUB-SAMPLE	356	392	748
1	YES, IN 80% SUB-SAMPLE	1273	1376	2649

ki501rea: Flag for outcome of the Digit Ordering Task.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501re, y_i40, y_i40no, ki535re, ki536re, ki545re, ki546re, ki555re, ki556re, ki565re, ki566re, ki575re, ki576re, ki585re, ki586re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-2	Inappropriate INAPPROPRIATE (ki501re != 1)	356	392	748
1	COMPLETED, DID NOT REFUSE ANY ITEMS	1252	1349	2601
2	COMPLETED, REFUSED ONE OR MORE ITEMS	8	13	21
3	DID NOT COMPLETE, REFUSED TO CONTINUE WITH TASK AFTER BEGINNING	2	0	2
5	REFUSED TASK IN ITS ENTIRETY BEFORE BEGINNING	7	4	11

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.

ki502re: Highest level of Digit Ordering Task successfully completed if Participant never refused an item.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki531re, ki532re, ki541re, ki542re, ki551re, ki552re, ki561re, ki562re, ki571re, ki572re, ki581re, ki582re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-2	Inappropriate INAPPROPRIATE (ki501rea != 1)	373	409	782
2	UNABLE TO COMPLETE LEVEL 1, 3 DIGITS	59	71	130
3	COMPLETED LEVEL 1, 3 DIGITS	28	26	54
4	COMPLETED LEVEL 2, 4 DIGITS	95	90	185
5	COMPLETED LEVEL 3, 5 DIGITS	409	451	860
6	COMPLETED LEVEL 4, 6 DIGITS	261	303	564
7	COMPLETED LEVEL 5, 7 DIGITS	257	277	534
8	COMPLETED LEVEL 6, 8 DIGITS	143	131	274

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 KI501REA). For an analogous variable that includes such participants, see KI502REA. 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.

ki502rea: Highest level of Digit Ordering Task successfully completed, includes Participants who refused one or more items.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki531re, ki532re, ki541re, ki542re, ki551re, ki552re, ki561re, ki562re, ki571re, ki572re, ki581re, ki582re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-2	Inappropriate INAPPROPRIATE (ki501rea != 1 or 2)	365	396	761
2	UNABLE TO COMPLETE LEVEL 1, 3 DIGITS	61	74	135
3	COMPLETED LEVEL 1, 3 DIGITS	28	26	54
4	COMPLETED LEVEL 2, 4 DIGITS	95	91	186
5	COMPLETED LEVEL 3, 5 DIGITS	412	451	863
6	COMPLETED LEVEL 4, 6 DIGITS	263	307	570
7	COMPLETED LEVEL 5, 7 DIGITS	258	281	539
8	COMPLETED LEVEL 6, 8 DIGITS	143	132	275

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 KI501REA). For an analogous variable that excludes participants who refused administered number sequences, see KI502RE. 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.

ki503re: Score for the Digit Ordering Task if Participant never refused an item.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki531re, ki532re, ki541re, ki542re, ki551re, ki552re, ki561re, ki562re, ki571re, ki572re, ki581re, ki582re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-2	Inappropriate INAPPROPRIATE (ki501rea != 1)	373	409	782
0	LOWEST POSSIBLE	59	71	130
1		16	8	24
2		15	18	33
3		8	8	16
4		94	88	182
5		130	132	262
6		292	341	633
7		118	134	252
8		160	191	351
9		105	109	214
10		139	154	293
11		84	61	145
12	HIGHEST POSSIBLE	32	34	66

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 KI501REA). For an analogous variable that includes such participants, see KI503REA. 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".

ki503rea: Score for the Digit Ordering Task, includes Participants who refused one or more items.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki531re, ki532re, ki541re, ki542re, ki551re, ki552re, ki561re, ki562re, ki571re, ki572re, ki581re, ki582re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-2	Inappropriate INAPPROPRIATE (ki501rea != 1 or 2)	365	396	761
0	LOWEST POSSIBLE	61	74	135
1		16	8	24
2		15	18	33
3		8	8	16
4		95	89	184
5		132	132	264
6		292	341	633
7		119	138	257
8		161	193	354
9		106	110	216
10		139	156	295
11		84	61	145
12	HIGHEST POSSIBLE	32	34	66

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 KI501REA). For an analogous variable that excludes participants who refused administered number sequences, see KI503RE. 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".

ki504re: Flag providing additional information about low performance on the Digit Ordering Task.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki502rea, y_i43a, y_i43b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-2	Inappropriate INAPPROPRIATE (ki502rea != 2)	1564	1684	3248
1	DIGITS RECITED IN BACKWARDS ORDER	45	45	90
2	DIGITS RECITED IN DESCENDING ORDER	2	2	4
3	OTHER	14	27	41

Note: This variable is only applicable to participants who "completed" the Digit Ordering Task (see KI501REA) but failed to advance beyond level #1 (see KI502REA). 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 KI535RE and KI536RE.

ki531re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #1: ’4-8-1’.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki535re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-3	REFUSED	3	3	6
-2	Inappropriate INAPPROPRIATE (ki501rea != 1,2,3, or 4)	363	396	759
-1	DON’T KNOW	1	2	3
1	CORRECT ANSWER GIVEN	1157	1268	2425
2	INCORRECT ANSWER GIVEN	101	89	190

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 KI535RE).

ki532re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #1: ’6-9-5’.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki531re, ki536re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-3	REFUSED	3	3	6
-2	Inappropriate INAPPROPRIATE (ki501rea != 1,2,3, or 4 | ki531re = 1)	1520	1664	3184
-1	DON’T KNOW	0	2	2
1	CORRECT ANSWER GIVEN	43	20	63
2	INCORRECT ANSWER GIVEN	59	69	128

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 KI536RE). 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 KI504RE.

ki535re: Participant's answer for number sequence #1 on Digit Ordering Task level #1: '4-8-1'.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, y_i43a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
	System missing - NR	2736	2510	5246
"-1"	DON'T KNOW	1	2	3
"-2"	Inappropriate INAPPROPRIATE (ki501rea != 1,2,3, or 4)	363	396	759
"-27"	NOT ASKED OF PROXY	4	10	14
"-3"	REFUSED	3	3	6
"-30"	NOT PART OF MOSAQ	72	63	135
"1"		3	3	6
"12356"		0	1	1
"124"		1	0	1
"14"		1	0	1
"194"		1	0	1
"418"		2	0	2
"478"		0	1	1
"814"		7	4	11
"841"		3	6	9

Note: Only 15 of 20 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 KI531RE 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).

ki536re: Participant's answer for number sequence #2 on Digit Ordering Task level #1: '6-9-5'.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki531re, y_i43b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
	System missing - NR	2736	2510	5246
"-1"	DON'T KNOW	0	2	2
"-2"	Inappropriate INAPPROPRIATE (ki501rea != 1,2,3, or 4 | ki531re = 1)	1520	1664	3184
"-27"	NOT ASKED OF PROXY	4	10	14
"-3"	REFUSED	3	3	6
"-30"	NOT PART OF MOSAQ	72	63	135
"096"		0	1	1
"568"		1	0	1
"59"		0	1	1
"596"		46	50	96
"645"		0	1	1

Note: Only 11 of 22 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 KI532RE 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 KI504RE.

ki541re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #2: '7-8-3-0'.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki545re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-2	Inappropriate INAPPROPRIATE (ki531re != 1 and ki532re != 1)	425	470	895
-1	DON’T KNOW	2	2	4
1	CORRECT ANSWER GIVEN	1147	1242	2389
2	INCORRECT ANSWER GIVEN	51	44	95

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 KI545RE).

ki542re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #2: ’6-3-4-2’.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki541re, ki546re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-2	Inappropriate INAPPROPRIATE (ki531re != 1 and ki532re != 1 | ki541re = 1)	1572	1712	3284
-1	DON’T KNOW	2	1	3
1	CORRECT ANSWER GIVEN	25	20	45
2	INCORRECT ANSWER GIVEN	26	25	51

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 KI546RE).

ki545re: Participant's answer for number sequence #1 on Digit Ordering Task level #2: '7-8-3-0'.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, y_i44a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
	System missing - NR	2736	2510	5246
"-1"	DON'T KNOW	2	2	4
"-2"	Inappropriate INAPPROPRIATE (ki531re != 1 and ki532re != 1)	425	470	895
"-27"	NOT ASKED OF PROXY	4	10	14
"-30"	NOT PART OF MOSAQ	72	63	135
"03"		3	1	4
"0369"		1	0	1
"03768"		1	0	1
"038"		5	1	6
"0478"		2	0	2
"087"		0	1	1
"0873"		0	1	1
"3086"		1	0	1
"3780"		5	0	5
"8730"		2	2	4

Note: Only 16 of 40 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 KI541RE 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).

ki546re: Participant's answer for number sequence #2 on Digit Ordering Task level #2: '6-3-4-2'.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki541re, y_i44b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
	System missing - NR	2736	2510	5246
"-1"	DON'T KNOW	2	1	3
"-2"	Inappropriate INAPPROPRIATE (ki531re != 1 and ki532re != 1 | ki541re = 1)	1572	1712	3284
"-27"	NOT ASKED OF PROXY	4	10	14
"-30"	NOT PART OF MOSAQ	72	63	135
"1463"		1	0	1
"23"		1	0	1
"2364"		2	0	2
"241"		0	1	1
"2468"		0	3	3
"6432"		2	2	4

Note: Only 12 of 32 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 KI542RE 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).

ki551re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #3: '9-5-8-2-4'.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki555re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-3	REFUSED	0	1	1
-2	Inappropriate INAPPROPRIATE (ki541re != 1 and ki542re != 1)	453	496	949
-1	DON’T KNOW	8	5	13
1	CORRECT ANSWER GIVEN	870	947	1817
2	INCORRECT ANSWER GIVEN	294	309	603

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 KI555RE).

ki552re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #3: ’3-9-1-6-7’.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki551re, ki556re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-2	Inappropriate INAPPROPRIATE (ki541re != 1 and ki542re != 1 | ki551re = 1)	1323	1443	2766
-1	DON’T KNOW	1	2	3
1	CORRECT ANSWER GIVEN	207	224	431
2	INCORRECT ANSWER GIVEN	94	89	183

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 KI556RE).

ki555re: Participant's answer for number sequence #1 on Digit Ordering Task level #3: '9-5-8-2-4'.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, y_i45a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
	System missing - NR	2736	2510	5246
"-1"	DON'T KNOW	8	5	13
"-2"	Inappropriate INAPPROPRIATE (ki541re != 1 and ki542re != 1)	453	496	949
"-27"	NOT ASKED OF PROXY	4	10	14
"-3"	REFUSED	0	1	1
"-30"	NOT PART OF MOSAQ	72	63	135
"02489"		1	4	5
"23489"		0	1	1
"2478"		3	6	9
"24859"		3	2	5
"25482"		0	1	1
"2589"		4	5	9
"4259"		0	2	2
"428"		1	1	2
"4582"		1	0	1
"45889"		0	1	1

Note: Only 16 of 87 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 KI551RE 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).

ki556re: Participant's answer for number sequence #2 on Digit Ordering Task level #3: '3-9-1-6-7'.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki551re, y_i45b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
	System missing - NR	2736	2510	5246
"-1"	DON'T KNOW	1	2	3
"-2"	Inappropriate INAPPROPRIATE (ki541re != 1 and ki542re != 1 | ki551re = 1)	1323	1443	2766
"-27"	NOT ASKED OF PROXY	4	10	14
"-30"	NOT PART OF MOSAQ	72	63	135
"135679"		2	0	2
"1367"		15	14	29
"136979"		0	1	1
"16793"		1	0	1
"31269"		1	0	1
"367"		1	0	1
"3679"		9	7	16
"76359"		1	0	1
"97351"		1	0	1

Note: Only 15 of 63 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 KI552RE 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).

ki561re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #4: ’6-0-1-4-9-2’.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki565re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-3	REFUSED	1	2	3
-2	Inappropriate INAPPROPRIATE (ki551re != 1 and ki552re != 1)	548	587	1135
-1	DON’T KNOW	15	19	34
1	CORRECT ANSWER GIVEN	461	486	947
2	INCORRECT ANSWER GIVEN	600	664	1264

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 KI565RE).

ki562re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #4: ’3-8-6-1-5-4’.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki561re, ki566re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-3	REFUSED	3	0	3
-2	Inappropriate INAPPROPRIATE (ki551re != 1 and ki552re != 1 | ki561re = 1)	1009	1073	2082
-1	DON’T KNOW	15	17	32
1	CORRECT ANSWER GIVEN	204	234	438
2	INCORRECT ANSWER GIVEN	394	434	828

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 KI566RE).

ki565re: Participant’s answer for number sequence #1 on Digit Ordering Task level #4: ’6-0-1-4-9-2’.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, y_i46a

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2736	2510	5246
"-1"	DON’T KNOW	15	19	34
"-2"	Inappropriate INAPPROPRIATE (ki551re != 1 and ki552re != 1)	548	587	1135
"-27"	NOT ASKED OF PROXY	4	10	14
"-3"	REFUSED	1	2	3
"-30"	NOT PART OF MOSAQ	72	63	135
"01296"		1	1	2
"014689"		2	1	3
"024"		3	2	5
"02569"		0	3	3
"02679"		0	1	1
"0469"		2	0	2
"0679"		0	1	1
"091269"		0	1	1
"10249"		1	2	3
"1249"		4	2	6

Note: Only 16 of 168 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 KI561RE 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).

ki566re: Participant’s answer for number sequence #2 on Digit Ordering Task level #4: ’3-8-6-1-5-4’.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki561re, y_i46b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
	System missing - NR	2736	2510	5246
"-1"	DON’T KNOW	15	17	32
"-2"	Inappropriate INAPPROPRIATE (ki551re != 1 and ki552re != 1 | ki561re = 1)	1009	1073	2082
"-27"	NOT ASKED OF PROXY	4	10	14
"-3"	REFUSED	3	0	3
"-30"	NOT PART OF MOSAQ	72	63	135
"013456"		1	2	3
"01368"		0	1	1
"013689"		0	1	1
"01548"		1	0	1
"03458"		0	1	1
"13469"		6	6	12
"1354"		1	0	1
"13694"		0	1	1
"15468"		0	2	2
"34689"		2	3	5

Note: Only 16 of 168 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 KI562RE 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).

ki571re: 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: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki575re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-3	REFUSED	1	3	4
-2	Inappropriate INAPPROPRIATE (ki561re != 1 and ki562re != 1)	960	1038	1998
-1	DON’T KNOW	14	15	29
1	CORRECT ANSWER GIVEN	288	278	566
2	INCORRECT ANSWER GIVEN	362	424	786

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 KI575RE).

ki572re: 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: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki571re, ki576re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-3	REFUSED	1	3	4
-2	Inappropriate INAPPROPRIATE (ki561re != 1 and ki562re != 1 | ki571re = 1)	1248	1316	2564
-1	DON’T KNOW	13	8	21
1	CORRECT ANSWER GIVEN	114	135	249
2	INCORRECT ANSWER GIVEN	249	296	545

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 KI576RE).

ki575re: Participant’s answer for number sequence #1 on Digit Ordering Task level #5: ’2-9-8-1-7-0-5’.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, y_i47a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
	System missing - NR	2736	2510	5246
"-1"	DON’T KNOW	14	15	29
"-2"	Inappropriate INAPPROPRIATE (ki561re != 1 and ki562re != 1)	960	1038	1998
"-27"	NOT ASKED OF PROXY	4	10	14
"-3"	REFUSED	1	3	4
"-30"	NOT PART OF MOSAQ	72	63	135
"0124567"		1	0	1
"0124679"		1	2	3
"012489"		1	0	1
"015789"		37	41	78
"02"		4	2	6
"023589"		0	1	1
"024678"		0	1	1
"02579"		1	1	2
"1235789"		0	1	1
"124789"		0	1	1

Note: Only 16 of 138 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 KI571RE 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).

ki576re: Participant’s answer for number sequence #2 on Digit Ordering Task level #5: ’6-3-0-1-9-8-2’.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki571re, y_i47b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
	System missing - NR	2736	2510	5246
"-1"	DON’T KNOW	13	8	21
"-2"	Inappropriate INAPPROPRIATE (ki561re != 1 and ki562re != 1 | ki571re = 1)	1248	1316	2564
"-27"	NOT ASKED OF PROXY	4	10	14
"-3"	REFUSED	1	3	4
"-30"	NOT PART OF MOSAQ	72	63	135
"012345689"		1	0	1
"0123569"		1	4	5
"0123679"		8	4	12
"012369"		19	31	50
"01256789"		1	0	1
"012698"		1	1	2
"01278"		1	0	1
"02356789"		1	0	1
"02369"		2	1	3
"123680"		1	0	1

Note: Only 16 of 113 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 KI572RE 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).

ki581re: 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: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki585re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-3	REFUSED	2	3	5
-2	Inappropriate INAPPROPRIATE (ki571re != 1 and ki572re != 1)	1223	1345	2568
-1	DON’T KNOW	14	3	17
1	CORRECT ANSWER GIVEN	63	62	125
2	INCORRECT ANSWER GIVEN	323	345	668

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 KI585RE).

ki582re: 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: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki581re, ki586re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2736	2510	5246
-30	NOT PART OF MOSAQ	72	63	135
-27	NOT ASKED OF PROXY	4	10	14
-3	REFUSED	1	1	2
-2	Inappropriate INAPPROPRIATE (ki571re != 1 and ki572re != 1 | ki581re = 1)	1286	1407	2693
-1	DON’T KNOW	15	12	27
1	CORRECT ANSWER GIVEN	80	70	150
2	INCORRECT ANSWER GIVEN	243	268	511

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 KI586RE).

ki585re: Participant’s answer for number sequence #1 on Digit Ordering Task level #6: ’1-6-7-3-0-8-5-2’.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, y_i48a

Value	Label	Frequencies		
		Male	Female	Total
	System missing - NR	2736	2510	5246
"-1"	DON’T KNOW	14	3	17
"-2"	Inappropriate INAPPROPRIATE (ki571re != 1 and ki572re != 1)	1223	1345	2568
"-27"	NOT ASKED OF PROXY	4	10	14
"-3"	REFUSED	2	3	5
"-30"	NOT PART OF MOSAQ	72	63	135
"012356"		0	1	1
"012568"		2	4	6
"01258"		1	3	4
"0135678"		10	7	17
"01356789"		3	3	6
"015678"		1	0	1
"0215789"		0	1	1
"02356"		0	1	1
"0235678"		3	2	5
"1"		0	1	1

Note: Only 16 of 140 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 KI581RE 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).

ki586re: Participant’s answer for number sequence #2 on Digit Ordering Task level #6: ’3-8-2-9-1-4-5-7’.

Data source: Sibling Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: ki501rea, ki581re, y_i48b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
	System missing - NR	2736	2510	5246
"-1"	DON’T KNOW	15	12	27
"-2"	Inappropriate INAPPROPRIATE (ki571re != 1 and ki572re != 1 | ki581re = 1)	1286	1407	2693
"-27"	NOT ASKED OF PROXY	4	10	14
"-3"	REFUSED	1	1	2
"-30"	NOT PART OF MOSAQ	72	63	135
"0125678"		0	1	1
"012579"		0	1	1
"0135789"		2	1	3
"0245789"		0	1	1
"12"		0	1	1
"123456789"		8	9	17
"1245689"		1	0	1
"213457"		1	0	1
"235789"		1	3	4
"345789"		1	1	2

Note: Only 16 of 127 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 KI582RE 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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