Cognition - Digit Ordering

Q1DIGIT 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. In 2020 this module was administered to all ILIAD participants. 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 or ILIAD collection waves.

BRIEF VARIABLE DESCRIPTIONS

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

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q1i501rea:              Flag for Outcome of Digit Ordering Task

q1i502re:               Highest Level of Digit Ordering Task
                        Successfully Completed by Participant, Not
                        Including Those Who Refused One or More
                        Items

q1i502rea:              Highest Level of Digit Ordering Task
                        Successfully Completed by Participant,
                        Including Those Who Refused One or More
                        Items

q1i503re:               Participant's Score for the Digit Ordering
                        Task, Not Including Those Who Refused One
                        or More Items

q1i503rea:              Participant's Score for the Digit Ordering
                        Task, Including Those Who Refused One or
                        More Items

q1i504re:               Flag Providing Additional Information About
                        Low Performance on the Digit Ordering Task

q1i531re-q1i536re:      Task Level #1 (3-Digit Number Sequences):
                        Indicators for the Participant's Answers
                        and Their Correctness

q1i541re-q1i546re:      Task Level #2 (4-Digit Number Sequences):
                        Indicators for the Participant's Answers
                        and Their Correctness

q1i551re-q1i556re:      Task Level #3 (5-Digit Number Sequences):
                        Indicators for the Participant's Answers
                        and Their Correctness

q1i561re-q1i566re:      Task Level #4 (6-Digit Number Sequences):
                        Indicators for the Participant's Answers
                        and Their Correctness

q1i571re-q1i576re:      Task Level #5 (7-Digit Number Sequences):
                        Indicators for the Participant's Answers
                        and Their Correctness

q1i581re-q1i586re:      Task Level #6 (8-Digit Number Sequences):
                        Indicators for the Participant's Answers
                        and Their Correctness
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q1i501rea: Flag for outcome of the Digit Ordering Task.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501re, x_i40, x_i40no, q1i535re, q1i536re, q1i545re, q1i546re, q1i555re, q1i556re, q1i565re, q1i566re, q1i575re, q1i576re, q1i585re, q1i586re

Value	Label	Frequencies		
		Male	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
1	COMPLETED, DID NOT REFUSE ANY ITEMS	1444	1837	3281
2	COMPLETED, REFUSED ONE OR MORE ITEMS	15	19	34
3	DID NOT COMPLETE, REFUSED TO CONTINUE WITH TASK AFTER BEGINNING	3	10	13
5	REFUSED TASK IN ITS ENTIRETY BEFORE BEGINNING	8	9	17

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.

q1i502re: Highest level of Digit Ordering Task successfully completed if Participant never refused an item.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i531re, q1i532re, q1i541re, q1i542re, q1i551re, q1i552re, q1i561re, q1i562re, q1i571re, q1i572re, q1i581re, q1i582re

		Frequencies		
Value	Label	Male	Female	Total
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-2	Inappropriate INAPPROPRIATE (q1i501rea != 1)	26	38	64
2	UNABLE TO COMPLETE LEVEL 1, 3 DIGITS	255	271	526
3	COMPLETED LEVEL 1, 3 DIGITS	54	76	130
4	COMPLETED LEVEL 2, 4 DIGITS	171	169	340
5	COMPLETED LEVEL 3, 5 DIGITS	484	619	1103
6	COMPLETED LEVEL 4, 6 DIGITS	242	339	581
7	COMPLETED LEVEL 5, 7 DIGITS	146	226	372
8	COMPLETED LEVEL 6, 8 DIGITS	92	137	229

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 q1i501rea). For an analogous variable that includes such participants, see q1i502rea. 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.

q1i502rea: Highest level of Digit Ordering Task successfully completed, includes Participants who refused one or more items.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i531re, q1i532re, q1i541re, q1i542re, q1i551re, q1i552re, q1i561re, q1i562re, q1i571re, q1i572re, q1i581re, q1i582re

		Frequencies		
Value	Label	Male	Female	Total
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-2	Inappropriate INAPPROPRIATE (q1i501rea != 1 or 2)	11	19	30
2	UNABLE TO COMPLETE LEVEL 1, 3 DIGITS	257	272	529
3	COMPLETED LEVEL 1, 3 DIGITS	54	77	131
4	COMPLETED LEVEL 2, 4 DIGITS	173	170	343
5	COMPLETED LEVEL 3, 5 DIGITS	491	626	1117
6	COMPLETED LEVEL 4, 6 DIGITS	245	345	590
7	COMPLETED LEVEL 5, 7 DIGITS	147	229	376
8	COMPLETED LEVEL 6, 8 DIGITS	92	137	229

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 q1i501rea). For an analogous variable that excludes participants who refused administered number sequences, see q1i502re. 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.

q1i503re: Score for the Digit Ordering Task if Participant never refused an item.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i531re, q1i532re, q1i541re, q1i542re, q1i551re, q1i552re, q1i561re, q1i562re, q1i571re, q1i572re, q1i581re, q1i582re

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-2	Inappropriate INAPPROPRIATE (q1i501rea != 1)	26	38	64
0	LOWEST POSSIBLE	255	271	526
1		19	24	43
2		40	58	98
3		18	25	43
4		163	151	314
5		147	221	368
6		345	415	760
7		125	157	282
8		128	192	320
9		70	105	175
10		68	116	184
11		35	53	88
12	HIGHEST POSSIBLE	31	49	80

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 q1i501rea). For an analogous variable that includes such participants, see q1i503rea. 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".

q1i503rea: Score for the Digit Ordering Task, includes Participants who refused one or more items.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i531re, q1i532re, q1i541re, q1i542re, q1i551re, q1i552re, q1i561re, q1i562re, q1i571re, q1i572re, q1i581re, q1i582re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-2	Inappropriate INAPPROPRIATE (q1i501rea != 1 or 2)	11	19	30
0	LOWEST POSSIBLE	257	272	529
1		19	24	43
2		40	59	99
3		19	26	45
4		164	151	315
5		151	223	374
6		348	421	769
7		126	161	287
8		130	194	324
9		71	106	177
10		68	117	185
11		35	53	88
12	HIGHEST POSSIBLE	31	49	80

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 q1i501rea). For an analogous variable that excludes participants who refused administered number sequences, see q1i503re. 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".

q1i504re: Flag providing additional information about low performance on the Digit Ordering Task.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i502rea, x_i43a, x_i43b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-2	Inappropriate INAPPROPRIATE (q1i502rea != 2)	1213	1603	2816
1	DIGITS RECITED IN BACKWARDS ORDER	132	153	285
2	DIGITS RECITED IN DESCENDING ORDER	29	25	54
3	OTHER	96	94	190

Note: This variable is only applicable to participants who "completed" the Digit Ordering Task (see q1i501rea) but failed to advance beyond level #1 (see q1i502rea). 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 q1i535re and q1i536re.

q1i531re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #1: '4-8-1'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i535re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-3	REFUSED	1	3	4
-2	Inappropriate INAPPROPRIATE (q1i501rea != 1,2,3, or 4)	8	9	17
-1	DON'T KNOW	9	7	16
1	CORRECT ANSWER GIVEN	1153	1520	2673
2	INCORRECT ANSWER GIVEN	299	336	635

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 q1i535re).

q1i532re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #1: '6-9-5'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i531re, q1i536re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-3	REFUSED	2	1	3
-2	Inappropriate INAPPROPRIATE (q1i501rea not in (1,2,3,4) OR q1i531re = 1)	1161	1529	2690
-1	DON'T KNOW	2	1	3
1	CORRECT ANSWER GIVEN	52	73	125
2	INCORRECT ANSWER GIVEN	253	271	524

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 q1i536re). 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 q1i504re.

q1i535re: Participant's answer for number sequence #1 on Digit Ordering Task level #1: '4-8-1'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, x_i43a

Value	Label	Frequencies		
		Male	**Female**	**Total**
	System missing - NR	3520	3449	6969
"-1"	DON'T KNOW	9	7	16
"-2"	Inappropriate INAPPROPRIATE (q1i501rea not in (1,2,3,4))	8	9	17
"-3"	REFUSED	1	3	4
"-5"	PARTIAL INTERVIEW	1	2	3
"12345"		0	1	1
"154"		1	0	1
"164"		1	0	1
"168"		1	1	2
"18"		2	1	3
"182"		1	0	1
"234"		1	0	1
"2481"		1	0	1
"431"		1	0	1

Note: Only 14 of 54 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 q1i531re 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).

q1i536re: Participant's answer for number sequence #2 on Digit Ordering Task level #1: '6-9-5'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i531re, x_i43b

		Frequencies		
Value	Label	Male	Female	Total
	System missing - NR	3520	3449	6969
"-1"	DON'T KNOW	2	1	3
"-2"	Inappropriate INAPPROPRIATE (q1i501rea not in (1,2,3,4) OR q1i531re = 1)	1161	1529	2690
"-3"	REFUSED	2	1	3
"-5"	PARTIAL INTERVIEW	1	2	3
"5"		1	0	1
"54321"		0	1	1
"56"		0	1	1
"569"		52	73	125
"59669"		1	0	1
"641"		0	1	1
"689"		1	0	1
"69559"		1	0	1
"956"		11	22	33
"976"		0	1	1

Note: Only 15 of 35 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 q1i532re 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 q1i504re.

q1i541re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #2: '7-8-3-0'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i545re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-2	Inappropriate INAPPROPRIATE (q1i531re != 1 and q1i532re != 1)	265	282	547
-1	DON'T KNOW	1	2	3
1	CORRECT ANSWER GIVEN	1108	1468	2576
2	INCORRECT ANSWER GIVEN	96	123	219

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 q1i545re).

q1i542re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #2: '6-3-4-2'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i541re, q1i546re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-3	REFUSED	0	1	1
-2	Inappropriate INAPPROPRIATE ((q1i531re != 1 and q1i532re != 1) OR q1i541re = 1)	1373	1750	3123
-1	DON'T KNOW	1	0	1
1	CORRECT ANSWER GIVEN	43	48	91
2	INCORRECT ANSWER GIVEN	53	76	129

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 q1i546re).

q1i545re: Participant's answer for number sequence #1 on Digit Ordering Task level #2: '7-8-3-0'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, x_i44a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
	System missing - NR	3520	3449	6969
"-1"	DON'T KNOW	1	2	3
"-2"	Inappropriate INAPPROPRIATE (q1i531re != 1 and q1i532re != 1)	265	282	547
"-5"	PARTIAL INTERVIEW	1	2	3
"0138"		1	0	1
"0278"		1	2	3
"034"		1	0	1
"037"		1	4	5
"0372"		0	1	1
"07"		0	1	1
"078"		8	9	17
"0837"		4	4	8
"8710"		0	1	1

Note: Only 14 of 61 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 q1i541re 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).

q1i546re: Participant's answer for number sequence #2 on Digit Ordering Task level #2: '6-3-4-2'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i541re, x_i44b

Value	Label	Frequencies		
		Male	**Female**	**Total**
	System missing - NR	3520	3449	6969
"-1"	DON'T KNOW	1	0	1
"-2"	Inappropriate INAPPROPRIATE ((q1i531re != 1 and q1i532re != 1) OR q1i541re = 1)	1373	1750	3123
"-3"	REFUSED	0	1	1
"-5"	PARTIAL INTERVIEW	1	2	3
"0346"		0	1	1
"0481"		0	1	1
"2376"		0	1	1
"2463"		5	9	14
"2632"		1	0	1
"2684"		0	1	1
"3478"		0	1	1
"432"		1	0	1

Note: Only 13 of 57 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 q1i542re 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).

q1i551re: Summary of whether Participant answered correctly at number sequence #1 on Digit Ordering Task level #3: '9-5-8-2-4'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i555re

Value	Label	Frequencies		
		Male	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-3	REFUSED	2	1	3
-2	Inappropriate INAPPROPRIATE (q1i541re != 1 and q1i542re != 1)	319	359	678
-1	DON'T KNOW	8	9	17
1	CORRECT ANSWER GIVEN	757	1029	1786
2	INCORRECT ANSWER GIVEN	384	477	861

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 q1i555re).

q1i552re: Summary of whether Participant answered correctly at number sequence #2 on Digit Ordering Task level #3: '3-9-1-6-7'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i551re, q1i556re

Value	Label	Frequencies		
		Male	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-3	REFUSED	3	1	4
-2	Inappropriate INAPPROPRIATE ((q1i541re != 1 and q1i542re != 1) OR q1i551re = 1)	1076	1388	2464
-1	DON'T KNOW	7	2	9
1	CORRECT ANSWER GIVEN	220	316	536
2	INCORRECT ANSWER GIVEN	164	168	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 q1i556re).

q1i555re: Participant's answer for number sequence #1 on Digit Ordering Task level #3: '9-5-8-2-4'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, x_i45a

Value	Label	Male	Female	Total
		Frequencies		
	System missing - NR	3520	3449	6969
"-1"	DON'T KNOW	8	9	17
"-2"	Inappropriate INAPPROPRIATE (q1i541re != 1 and q1i542re != 1)	319	359	678
"-3"	REFUSED	2	1	3
"-5"	PARTIAL INTERVIEW	1	2	3
"0458"		1	0	1
"23489"		1	1	2
"2478"		8	12	20
"24789"		16	29	45
"248910"		1	0	1
"24958"		1	2	3
"28049"		0	1	1
"50824"		1	0	1

Note: Only 13 of 130 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 q1i551re 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).

q1i556re: Participant's answer for number sequence #2 on Digit Ordering Task level #3: '3-9-1-6-7'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i551re, x_i45b

Value	Label	Frequencies Male	Female	Total
	System missing - NR	3520	3449	6969
"-1"	DON'T KNOW	7	2	9
"-2"	Inappropriate INAPPROPRIATE ((q1i541re != 1 and q1i542re != 1) OR q1i551re = 1)	1076	1388	2464
"-3"	REFUSED	3	1	4
"-5"	PARTIAL INTERVIEW	1	2	3
"0679"		0	1	1
"12678"		0	1	1
"13"		0	1	1
"1357"		0	1	1
"136789"		1	0	1
"1467"		2	0	2
"167"		5	2	7
"3567"		1	0	1
"35679"		0	1	1
"71635"		0	1	1

Note: Only 15 of 104 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 q1i552re 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).

q1i561re: 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 Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i565re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-3	REFUSED	1	4	5
-2	Inappropriate INAPPROPRIATE (q1i551re != 1 and q1i552re != 1)	493	530	1023
-1	DON'T KNOW	14	13	27
1	CORRECT ANSWER GIVEN	311	494	805
2	INCORRECT ANSWER GIVEN	651	834	1485

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 q1i565re).

q1i562re: 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 Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i561re, q1i566re

Value	Label	Frequencies		
		Male	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-3	REFUSED	8	7	15
-2	Inappropriate INAPPROPRIATE ((q1i551re != 1 and q1i552re != 1) OR q1i561re = 1)	804	1024	1828
-1	DON'T KNOW	15	10	25
1	CORRECT ANSWER GIVEN	174	224	398
2	INCORRECT ANSWER GIVEN	469	610	1079

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 q1i566re).

q1i565re: Participant's answer for number sequence #1 on Digit Ordering Task level #4: '6-0-1-4-9-2'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, x_i46a

Value	Label	Frequencies		
		Male	**Female**	**Total**
	System missing - NR	3520	3449	6969
"-1"	DON'T KNOW	14	13	27
"-2"	Inappropriate INAPPROPRIATE (q1i551re != 1 and q1i552re != 1)	493	530	1023
"-3"	REFUSED	1	4	5
"-5"	PARTIAL INTERVIEW	1	2	3
"0124569"		0	2	2
"012467"		0	3	3
"012491"		1	0	1
"012579"		2	0	2
"0126889"		0	1	1
"01290"		0	1	1
"12467"		0	1	1
"12679"		0	4	4
"269"		0	2	2
"92469"		0	1	1

Note: Only 15 of 203 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 q1i561re 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).

q1i566re: Participant's answer for number sequence #2 on Digit Ordering Task level #4: '3-8-6-1-5-4'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i561re, x_i46b

		Frequencies		
Value	Label	Male	Female	Total
	System missing - NR	3520	3449	6969
"-1"	DON'T KNOW	15	10	25
"-2"	Inappropriate INAPPROPRIATE ((q1i551re != 1 and q1i552re != 1) OR q1i561re = 1)	804	1024	1828
"-3"	REFUSED	8	7	15
"-5"	PARTIAL INTERVIEW	1	2	3
"0134894"		1	0	1
"1049"		0	1	1
"123458"		1	0	1
"135468"		8	4	12
"13567"		0	1	1
"135678"		2	0	2
"135684"		2	1	3
"13689"		1	3	4
"145896"		1	0	1
"34679"		1	0	1

Note: Only 15 of 228 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 q1i562re 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).

q1i571re: 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 Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i575re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-3	REFUSED	2	7	9
-2	Inappropriate INAPPROPRIATE (q1i561re != 1 and q1i562re != 1)	985	1157	2142
-1	DON'T KNOW	6	8	14
1	CORRECT ANSWER GIVEN	145	228	373
2	INCORRECT ANSWER GIVEN	332	475	807

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 q1i575re).

q1i572re: 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 Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i571re, q1i576re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-3	REFUSED	1	9	10
-2	Inappropriate INAPPROPRIATE ((q1i561re != 1 and q1i562re != 1) OR q1i571re = 1)	1130	1385	2515
-1	DON'T KNOW	5	6	11
1	CORRECT ANSWER GIVEN	95	140	235
2	INCORRECT ANSWER GIVEN	239	335	574

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 q1i576re).

q1i575re: Participant's answer for number sequence #1 on Digit Ordering Task level #5: '2-9-8-1-7-0-5'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, x_i47a

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
	System missing - NR	3520	3449	6969
"-1"	DON'T KNOW	6	8	14
"-2"	Inappropriate INAPPROPRIATE (q1i561re != 1 and q1i562re != 1)	985	1157	2142
"-3"	REFUSED	2	7	9
"-5"	PARTIAL INTERVIEW	1	2	3
"011578"		1	0	1
"012"		2	7	9
"012379"		1	0	1
"012789"		10	14	24
"012878"		0	1	1
"0156789"		2	0	2
"01589"		4	7	11
"025689"		0	1	1
"1205"		1	0	1
"125"		0	1	1

Note: Only 15 of 165 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 q1i571re 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).

q1i576re: Participant's answer for number sequence #2 on Digit Ordering Task level #5: '6-3-0-1-9-8-2'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i571re, x_i47b

Value	Label	Male	Female	Total
		Frequencies		
	System missing - NR	3520	3449	6969
"-1"	DON'T KNOW	5	6	11
"-2"	Inappropriate INAPPROPRIATE ((q1i561re != 1 and q1i562re != 1) OR q1i571re = 1)	1130	1385	2515
"-3"	REFUSED	1	9	10
"-5"	PARTIAL INTERVIEW	1	2	3
"01234568"		0	1	1
"0123589"		0	4	4
"0123789"		0	2	2
"012569"		3	1	4
"0125789"		1	1	2
"012589"		1	3	4
"012678"		1	1	2
"0126789"		4	8	12
"012810"		1	0	1
"120689"		1	0	1

Note: Only 15 of 150 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 q1i572re 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).

q1i581re: 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 Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i585re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-3	REFUSED	2	4	6
-2	Inappropriate INAPPROPRIATE (q1i571re != 1 and q1i572re != 1)	1230	1507	2737
-1	DON'T KNOW	5	3	8
1	CORRECT ANSWER GIVEN	48	88	136
2	INCORRECT ANSWER GIVEN	185	273	458

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 q1i585re).

q1i582re: 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 Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i581re, q1i586re

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	3520	3449	6969
-5	PARTIAL INTERVIEW	1	2	3
-3	REFUSED	2	3	5
-2	Inappropriate INAPPROPRIATE ((q1i571re != 1 and q1i572re != 1) OR q1i581re = 1)	1278	1595	2873
-1	DON'T KNOW	6	4	10
1	CORRECT ANSWER GIVEN	44	49	93
2	INCORRECT ANSWER GIVEN	140	224	364

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 q1i586re).

q1i585re: Participant's answer for number sequence #1 on Digit Ordering Task level #6: '1-6-7-3-0-8-5-2'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, x_i48a

Value	Label	Frequencies		
		Male	**Female**	**Total**
	System missing - NR	3520	3449	6969
"-1"	DON'T KNOW	5	3	8
"-2"	Inappropriate INAPPROPRIATE (q1i571re != 1 and q1i572re != 1)	1230	1507	2737
"-3"	REFUSED	2	4	6
"-5"	PARTIAL INTERVIEW	1	2	3
"0123"		0	6	6
"012345"		1	0	1
"0124569"		0	1	1
"0125678"		16	17	33
"013"		0	1	1
"01569"		1	0	1
"023678"		0	1	1
"0289"		0	1	1
"10235689"		0	1	1
"132679"		0	1	1

Note: Only 15 of 135 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 q1i581re 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).

q1i586re: Participant's answer for number sequence #2 on Digit Ordering Task level #6: '3-8-2-9-1-4-5-7'.

Data source: Graduate Respondent   Collected in: 2020   Mode: In person & telephone
Source variables: q1i501rea, q1i581re, x_i48b

Value	Label	Frequencies Male	Frequencies Female	Frequencies Total
	System missing - NR	3520	3449	6969
"-1"	DON'T KNOW	6	4	10
"-2"	Inappropriate INAPPROPRIATE ((q1i571re != 1 and q1i572re != 1) OR q1i581re = 1)	1278	1595	2873
"-3"	REFUSED	2	3	5
"-5"	PARTIAL INTERVIEW	1	2	3
"0123457"		1	2	3
"012346789"		0	1	1
"01235789"		1	5	6
"0234678"		1	0	1
"12345678"		0	1	1
"1234589"		3	4	7
"12389"		0	1	1
"124567"		0	2	2
"12456789"		2	1	3
"124679"		0	1	1

Note: Only 15 of 132 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 q1i582re 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).

Table of Contents