In Person: Cognition - Letter/Category Fluency

JCOGFLU Cognition – Letter/Category Fluency Module

OVERVIEW

The Cognition – Letter/Category Fluency Module, which was first administered during the 2004 collection wave, tests cognitive ability by asking the participant to name as many items that fit specified parameters as they can within 60-second intervals. For the 2011 wave, participants were asked to complete a maximum of two cognitive fluency tasks. The first of these, "Letter Fluency," was administered to all participants and called for them to think of and say as many words as they could that began with a particular, randomly selected letter of the alphabet: "L" or "F". Prior to attempting the task, participants were instructed not to use proper names (of people or places), say the same word more than once, or to repeat variants of the same root word with different endings. The second fluency task, "Category Fluency," was administered in a similar fashion, although only a randomly selected 50% sub-sample of participants was asked to complete it. Instead of being prompted to say words that began with a certain letter of the alphabet, participants to whom the Category Fluency task was administered were told to think of and say as many things as they could that fit into a randomly selected category: "animals" or "foods". As with the Letter Fluency task, participants were given 60 seconds to name as many categorically appropriate things as they could, repetitions excluded. For both the Letter and Category Fluency tasks, the number of acceptable responses given by the participant – as well as the frequency with which they violated the stated rules – was tallied by 15-second quartiles during our transcription process.

If the participant refused to grant their interviewer permission to record the entire CAPI interview at its beginning, they were asked for special permission to record just the Cognition – Letter/Category Fluency Module. If such permission was denied, the module was skipped in its entirety, as it was not possible to properly transcribe and score the Letter and Category Fluency tasks mid-interview. If the participant did consent to a special recording of the module, only the Letter and Category Fluency tasks were recorded and the recorder was turned off immediately afterward.

While the 2011 Cognition – Letter/Category Fluency Module is highly comparable to its 2004 predecessor, data users should be aware of the following: (1) although the Letter Fluency task was only administered to a randomly selected 80% sub-sample in 2004, all participants were asked to complete it for the 2011 collection wave; (2) participants to whom the Letter Fluency task was administered in 2004 were asked to complete it in 2011 using the same letter ("L" or "F") that was randomly assigned to them last wave; and (3) participants to whom the Category Fluency task was administered in 2004 were asked to complete it in 2011 using the same category ("animals" or "foods") that was randomly assigned to them last wave. For information about the nature of the Cognition – Letter/Category Fluency Module and our cognition data at prior collection waves, please see Appendix G; cor860, which provides full decision rules on what counts as a "scorable" answer in the context of the fluency tasks, may be of particular interest.

IMPORTANT NOTE: Inconsistencies discovered in the data for the 2004 Cognition – Letter/Category Fluency Module have been corrected for the 2011 collection wave but left unresolved in the 2004 data. Please see cor1022 in Appendix G for a full account of the problems identified, as well as a solution that will bring

the 2004 analysis data into alignment with 2011 conventions.

BRIEF VARIABLE DESCRIPTIONS

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

HFLUSTAT-HFLUREL:	Module-Level Status Variables
HI202REC-HI205REC:	Administrative and Error Codes for the Letter Fluency Task
HI206RE:	Version of Letter Fluency Task Administered: "L" or "F"
HI210REC:	Total Letter Fluency Score as Sum of Scored Words Named
HI211REC-HI216REC:	Counts of the Disqualified Words Said for the Letter Fluency Task: Repeated Words, Same Root Word with Different Endings, Caught Repetitions, Proper Nouns, and Incorrect Responses
HI220REC-HI247REC:	Letter Fluency Scores and Counts of the Disqualified Words Said by 15-Second Quartiles
HI301RE:	Random 50% Sub-Sampling Flag Dictating Whether Category Fluency Task Administered to Participant
HI302REC-HI305REC:	Administrative and Error Codes for the Category Fluency Task
HI306RE:	Version of Category Fluency Task Administered: "Animals" or "Foods"
HI310REC:	Total Category Fluency Score as Sum of Scored Words Named
HI311REC-HI316REC:	Counts of the Disqualified Words Said for the Category Fluency Task: Repeated Words, Caught Repetitions, Proper Nouns, and Incorrect Responses
HI320REC-HI347REC:	Category Fluency Scores and Counts of the Disqualified Words Said by 15-Second Quartiles

hflustat: Was the Cognition - Letter/Category Fluency 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_fluflag, y_fluproxy1, y_fluhelp0, capiproxy, y_proxy, y_ivwloc

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
1	R COMPLETED ALONE	2462	3019	5481
2	R COMPLETED ALONE WITH SOMEONE ELSE IN THE ROOM	289	154	443
3	R RECEIVED A LITTLE HELP	11	1	12
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.

hflurel: Relationship of Cognition - Letter/Category Fluency Module helper or proxy to Participant.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hflustat, y_fluproxy1, y_fluhelp0, y_fluhelp1, y_fluhelp2_hfn, y_fluhelp3, y_h1fn-y_h4fn, y_pfn, prxyfnam, y_p1fn-y_p5fn, y_prel, prxyrel, y_p1rel-y_p5rel

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-2	Inappropriate Inap, (Sampled skip or hflustat=1,2,-3)	2751	3173	5924
0	SPOUSE	12	1	13

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.

hi202rec: Detailed code for Letter Fluency not ascertained.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_recordon, y_irecprm1, y_i11rand, y_i11a1, y_i11astrt, y_i11b1, y_i11bstrt

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-2	Inappropriate INAPPROPRIATE (hi211rec != -4)	2616	3021	5637
1	MISSING OR TOO POOR AUDIO RECORDING	68	84	152
2	INTERVIEWER ERROR, FULL MINUTE NOT RECEIVED	4	5	9
3	TASK INTERRUPTED BY EVENT PRIOR TO COMPLETION	12	10	22
4	PARTICIPANT RECEIVED HELP FROM THIRD PARTY DURING TASK	6	7	13
5	SEVERE TASK MISUNDERSTANDING OR CONFUSION	19	14	33
8	MISHEARD LETTER, NOT PROPERLY CORRECTED	4	1	5
9	CANNOT BE SCORED, REASON NOT OTHERWISE SPECIFIED	3	4	7
10	REFUSED AUDIO RECORDING OF MODULE, FLUENCY TASK NOT ADMINISTERED	31	28	59

Note: Cases are assigned values of "-4" and coded as not ascertained on HI210REC-HI247REC for any of the detailed reasons contained within this variable. See "cor860FluencyCodingSupervisorInstructions.doc" in Appendix G for the specifics on what rules were followed to determine which detailed code was given.

hi203rec: Detailed code for Letter Fluency refused.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_recordon, y_irecprm1, y_i11rand, y_i11a1, y_i11astrt, y_i11b1, y_i11bstrt

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-2	Inappropriate INAPPROPRIATE (hi211rec != -3)	2612	3099	5711
1	REFUSAL BEFORE TASK BEGAN	32	17	49
2	REFUSAL DURING ADMINISTRATION OF TASK	119	58	177

Note: Cases are assigned values of "-3" and coded as refusals on HI210REC-HI247REC for any of the detailed reasons contained within this variable. For more information on how the Letter Fluency task was transcribed and scored, see cor860 in Appendix G.

hi204rec: Detailed code for Letter Fluency cautions.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_recordon, y_irecprm1, y_i11rand, y_i11a1, y_i11astrt, y_i11b1, y_i11bstrt

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-2	Inappropriate INAPPROPRIATE (No Cautions Applied)	2738	3157	5895
1	BRIEF INTERRUPTION OR DISTRACTION DURING TASK	4	6	10
2	TASK UNDERSTANDING PROBLEM	10	10	20
3	OBVIOUS LOW EFFORT BY PARTICIPANT	3	0	3
4	PARTICIPANT DIGRESSES OFF TASK OR NONTRIVIAL INTERVIEWER-PARTICIPANT INTERACTION	2	1	3
5	AUDIO QUALITY MIGHT HAVE RESULTED IN WORD MISSED	6	0	6

Note: See "cor860FluencyCodingSupervisorInstructions.doc" in Appendix G for the specifics on what rules were followed to determine which detailed code was given.

hi205rec: Duration of Letter Fluency task for Participants who stopped before 60 seconds had elapsed.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-2	Inappropriate INAPPROPRIATE (hi202rec > 0 | hi203rec > 0 | Task Attempted for Full 60 Seconds)	2570	3028	5598
20		1	0	1
33		1	0	1
43		0	2	2
45		3	0	3
48		3	0	3
49		0	1	1
50		2	4	6
51		3	0	3
52		3	1	4
53		8	2	10
54		4	6	10
55		12	8	20
56		20	9	29
57		27	22	49
58		69	57	126
59		37	34	71

Note: Some participants who did not refuse assessment and to whom the Letter Fluency task was appropriately administered decided to stop or quit before the full 60 seconds allotted to them had elapsed; all such participants should have valid data on variables HI210REC-HI247REC. Participants to whom the Letter Fluency task was not appropriately administered (see HI202REC) or who refused to be assessed (see HI203REC) have been assigned values of "-3" or "-4" on variables HI210REC-HI247REC. For more information on how the Letter Fluency task was transcribed and scored, see cor860 in Appendix G.

hi206re: Version of Letter Fluency task, 'F' or 'L'.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: y_i11rand

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-2	Inappropriate INAPPROPRIATE (hi202rec = 10)	31	28	59
1	F	1373	1638	3011
2	L	1359	1508	2867

Note: Unlike during the 2004 collection wave, when the Letter Fluency task was only administered to a randomly selected 80% sub-sample, all participants were asked to complete it in 2011. Participants who attempted the task in 2004 were asked to complete it in 2011 using the same letter ("L" or "F") that was randomly assigned to them last wave. Participants attempting the task for the first time in 2011 had either "L" or "F" randomly assigned to them. The Letter Fluency task was not administered to participants who did not permit audio recording of the Cognition - Letter/Category Fluency Module (see HI202REC); in such cases, no letter was randomly assigned.

hi210rec: Letter Fluency: Total number of scored words named.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0 - 8		834	673	1507
9 - 11		672	818	1490
12 - 14		521	780	1301
15 - 23		428	663	1091
24 - 31		7	12	19

Note: This variable provides a sum of the scored words said by the participant after all Letter Fluency coding rules were implemented and any disqualified words were removed from consideration (see HI211REC). For more detail on participants to whom the Letter Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI202REC and HI203REC respectively. For information on how the Letter Fluency task was transcribed and scored, see cor860 in Appendix G.

hi211rec: Letter Fluency: Total raw number of words said, both those that were scored and those that were disqualified.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0 - 8		670	542	1212
9 - 11		641	756	1397
12 - 14		544	749	1293
15 - 19		491	702	1193
20 - 32		116	197	313

Note: See cor860 in Appendix G for information on how the Letter Fluency task was transcribed and scored. For more detail on participants to whom the Letter Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI202REC and HI203REC respectively.

hi212rec: Letter Fluency: Total number of exactly repeated words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		1560	1865	3425
1		612	723	1335
2		190	244	434
3		66	76	142
4		25	24	49
5		4	8	12
6		4	4	8
7		0	1	1
9		0	1	1
14		1	0	1

Note: Participants were instructed not to repeat words when attempting the Letter Fluency task. For more detail on participants to whom the Letter Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI202REC and HI203REC respectively. For information on how the Letter Fluency task was transcribed and scored, see cor860 in Appendix G.

hi213rec: Letter Fluency: Total number of repeated root words with different endings.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2107	2467	4574
1		300	396	696
2		48	61	109
3		3	11	14
4		2	10	12
5		1	1	2
13		1	0	1

Note: Participants were instructed not to say any of the same words with a different ending when attempting the Letter Fluency task; an example of the same root word with a different ending would be "love" and "loving". For more detail on participants to whom the Letter Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI202REC and HI203REC respectively. For information on how the Letter Fluency task was transcribed and scored, see cor860 in Appendix G.

hi214rec: Letter Fluency: Total number of repeated words caught by Participant.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2255	2673	4928
1		198	244	442
2		9	28	37
3		0	1	1

Note: A participant was considered to have caught an exactly repeated word (see HI212REC), or a repetition of the same root word with a different ending (see HI213REC), if they said something to the effect of, "oh, I already said that" during their timed attempt of the Letter Fluency task. For more detail on participants to whom the Letter Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI202REC and HI203REC respectively. For information on how the Letter Fluency task was transcribed and scored, see cor860 in Appendix G.

hi215rec: Letter Fluency: Total number of proper nouns.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2009	2574	4583
1		326	311	637
2		78	46	124
3		33	8	41
4		8	4	12
5		3	1	4
6		4	1	5
7		0	1	1
9		1	0	1

Note: Participants were instructed not to use proper names of people or places (e.g. "France" or "Fred") when attempting the Letter Fluency task. For more detail on participants to whom the Letter Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI202REC and HI203REC respectively. For information on how the Letter Fluency task was transcribed and scored, see cor860 in Appendix G.

hi216rec: Letter Fluency: Total number of incorrect words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2388	2871	5259
1		67	70	137
2		5	4	9
3		1	0	1
5		1	0	1
7		0	1	1

Note: An "incorrect" word is one that falls outside of the specified parameters for the Letter Fluency task: to say words that begin with a particular letter of the alphabet, "L" or "F". For a participant asked to think of words that begin with the letter "F", the words "phoenix" and "mouse" would constitute incorrect responses. For more detail on participants to whom the Letter Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI202REC and HI203REC respectively. For information on how the Letter Fluency task was transcribed and scored, see cor860 in Appendix G.

hi220rec: Letter Fluency, Quartile 1: Total number of scored words named.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		6	1	7
1		49	27	76
2		143	91	234
3		291	251	542
4		449	475	924
5		509	623	1132
6		443	615	1058
7		319	441	760
8		163	248	411
9		70	109	179
10		17	52	69
11		3	12	15
12		0	1	1

Note: Quartile #1 comprises the first 15 seconds of the Letter Fluency task's 60-second administration period; this variable, then, provides a sum of the scored words said by the participant during quartile #1 after all Letter Fluency coding rules were implemented and any disqualified words were removed from consideration (see HI221REC). For more information on how the task was transcribed and scored, see cor860 in Appendix G.

hi221rec: Letter Fluency, Quartile 1: Total raw number of words said, both those that were scored and those that were disqualified.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		4	1	5
1		29	24	53
2		119	77	196
3		266	220	486
4		413	442	855
5		512	605	1117
6		480	609	1089
7		335	482	817
8		191	283	474
9		86	122	208
10		18	62	80
11		9	17	26
12		0	2	2

Note: Quartile #1 comprises the first 15 seconds of the Letter Fluency task's 60-second administration period. See cor860 in Appendix G for more information on how the task was transcribed and scored.

hi222rec: Letter Fluency, Quartile 1: Total number of exactly repeated words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2320	2747	5067
1		129	179	308
2		12	19	31
3		1	1	2

Note: Quartile #1 comprises the first 15 seconds of the Letter Fluency task's 60-second administration period. Participants were instructed not to repeat words when attempting it; for more information on transcription and scoring, see cor860 in Appendix G.

hi223rec: Letter Fluency, Quartile 1: Total number of repeated root words with different endings.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2374	2827	5201
1		84	107	191
2		4	11	15
3		0	1	1

Note: Quartile #1 comprises the first 15 seconds of the Letter Fluency task's 60-second administration period. Participants were instructed not to say any of the same words with a different ending when attempting it; an example of the same root word with a different ending would be "love" and "loving". For more information on transcription and scoring, see cor860 in Appendix G.

hi224rec: Letter Fluency, Quartile 1: Total number of repeated words caught by Participant.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2445	2921	5366
1		17	25	42

Note: Quartile #1 comprises the first 15 seconds of the Letter Fluency task's 60-second administration period. A participant was considered to have caught an exactly repeated word (see HI222REC), or a repetition of the same root word with a different ending (see HI223REC), if they said something to the effect of, "oh, I already said that" during their timed attempt of the task. For more information on transcription and scoring, see cor860 in Appendix G.

hi225rec: Letter Fluency, Quartile 1: Total number of proper nouns.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2213	2763	4976
1		195	169	364
2		43	11	54
3		10	2	12
4		1	1	2

Note: Quartile #1 comprises the first 15 seconds of the Letter Fluency task's 60-second administration period. Participants were instructed not to use proper names of people or places (e.g. "France" or "Fred") when attempting it; for more information on transcription and scoring, see cor860 in Appendix G.

hi226rec: Letter Fluency, Quartile 1: Total number of incorrect words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2441	2927	5368
1		21	17	38
2		0	2	2

Note: Quartile #1 comprises the first 15 seconds of the Letter Fluency task's 60-second administration period. An "incorrect" word is one that falls outside of the specified parameters for the task: to say words that begin with a particular letter of the alphabet, "L" or "F". For a participant asked to think of words that begin with the letter "F", the words "phoenix" and "mouse" would constitute incorrect responses. For more information on transcription and scoring, see cor860 in Appendix G.

hi227rec: Letter Fluency, Quartile 2: Total number of scored words named.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		281	223	504
1		513	566	1079
2		634	761	1395
3		538	646	1184
4		277	428	705
5		140	215	355
6		58	81	139
7		17	18	35
8		3	7	10
9		1	1	2

Note: Quartile #2 comprises the second 15 seconds of the Letter Fluency task's 60-second administration period; this variable, then, provides a sum of the scored words said by the participant during quartile #2 after all Letter Fluency coding rules were implemented and any disqualified words were removed from consideration (see HI228REC). For more information on how the task was transcribed and scored, see cor860 in Appendix G.

hi228rec: Letter Fluency, Quartile 2: Total raw number of words said, both those that were scored and those that were disqualified.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		217	171	388
1		466	491	957
2		594	713	1307
3		559	682	1241
4		347	452	799
5		168	275	443
6		82	122	204
7		24	27	51
8		3	12	15
9		1	1	2
15		1	0	1

Note: Quartile #2 comprises the second 15 seconds of the Letter Fluency task's 60-second administration period. See cor860 in Appendix G for more information on how the task was transcribed and scored.

hi229rec: Letter Fluency, Quartile 2: Total number of exactly repeated words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2169	2556	4725
1		264	332	596
2		24	50	74
3		3	7	10
4		1	1	2
13		1	0	1

Note: Quartile #2 comprises the second 15 seconds of the Letter Fluency task's 60-second administration period. Participants were instructed not to repeat words when attempting it; for more information on transcription and scoring, see cor860 in Appendix G.

hi230rec: Letter Fluency, Quartile 2: Total number of repeated root words with different endings.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2355	2768	5123
1		102	167	269
2		4	9	13
3		0	1	1
4		0	1	1
12		1	0	1

Note: Quartile #2 comprises the second 15 seconds of the Letter Fluency task's 60-second administration period. Participants were instructed not to say any of the same words with a different ending when attempting it; an example of the same root word with a different ending would be "love" and "loving". For more information on transcription and scoring, see cor860 in Appendix G.

hi231rec: Letter Fluency, Quartile 2: Total number of repeated words caught by Participant.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2409	2847	5256
1		52	97	149
2		1	2	3

Note: Quartile #2 comprises the second 15 seconds of the Letter Fluency task's 60-second administration period. A participant was considered to have caught an exactly repeated word (see HI229REC), or a repetition of the same root word with a different ending (see HI230REC), if they said something to the effect of, "oh, I already said that" during their timed attempt of the task. For more information on transcription and scoring, see cor860 in Appendix G.

hi232rec: Letter Fluency, Quartile 2: Total number of proper nouns.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2333	2845	5178
1		107	95	202
2		18	5	23
3		4	1	5

Note: Quartile #2 comprises the second 15 seconds of the Letter Fluency task's 60-second administration period. Participants were instructed not to use proper names of people or places (e.g. "France" or "Fred") when attempting it; for more information on transcription and scoring, see cor860 in Appendix G.

hi233rec: Letter Fluency, Quartile 2: Total number of incorrect words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2443	2927	5370
1		19	18	37
7		0	1	1

Note: Quartile #2 comprises the second 15 seconds of the Letter Fluency task's 60-second administration period. An "incorrect" word is one that falls outside of the specified parameters for the task: to say words that begin with a particular letter of the alphabet, "L" or "F". For a participant asked to think of words that begin with the letter "F", the words "phoenix" and "mouse" would constitute incorrect responses. For more information on transcription and scoring, see cor860 in Appendix G.

hi234rec: Letter Fluency, Quartile 3: Total number of scored words named.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		489	442	931
1		713	788	1501
2		607	785	1392
3		385	528	913
4		190	261	451
5		60	108	168
6		13	31	44
7		3	1	4
8		2	2	4

Note: Quartile #3 comprises the third 15 seconds of the Letter Fluency task's 60-second administration period; this variable, then, provides a sum of the scored words said by the participant during quartile #3 after all Letter Fluency coding rules were implemented and any disqualified words were removed from consideration (see HI235REC). For more information on how the task was transcribed and scored, see cor860 in Appendix G.

hi235rec: Letter Fluency, Quartile 3: Total raw number of words said, both those that were scored and those that were disqualified.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		382	366	748
1		642	680	1322
2		591	790	1381
3		461	579	1040
4		258	321	579
5		96	155	251
6		25	43	68
7		4	10	14
8		3	1	4
9		0	1	1

Note: Quartile #3 comprises the third 15 seconds of the Letter Fluency task's 60-second administration period. See cor860 in Appendix G for more information on how the task was transcribed and scored.

hi236rec: Letter Fluency, Quartile 3: Total number of exactly repeated words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2068	2528	4596
1		329	363	692
2		59	46	105
3		5	9	14
4		1	0	1

Note: Quartile #3 comprises the third 15 seconds of the Letter Fluency task's 60-second administration period. Participants were instructed not to repeat words when attempting it; for more information on transcription and scoring, see cor860 in Appendix G.

hi237rec: Letter Fluency, Quartile 3: Total number of repeated root words with different endings.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2348	2810	5158
1		107	126	233
2		7	7	14
3		0	3	3

Note: Quartile #3 comprises the third 15 seconds of the Letter Fluency task's 60-second administration period. Participants were instructed not to say any of the same words with a different ending when attempting it; an example of the same root word with a different ending would be "love" and "loving". For more information on transcription and scoring, see cor860 in Appendix G.

hi238rec: Letter Fluency, Quartile 3: Total number of repeated words caught by Participant.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2383	2854	5237
1		76	89	165
2		3	2	5
3		0	1	1

Note: Quartile #3 comprises the third 15 seconds of the Letter Fluency task's 60-second administration period. A participant was considered to have caught an exactly repeated word (see HI236REC), or a repetition of the same root word with a different ending (see HI237REC), if they said something to the effect of, "oh, I already said that" during their timed attempt of the task. For more information on transcription and scoring, see cor860 in Appendix G.

hi239rec: Letter Fluency, Quartile 3: Total number of proper nouns.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2371	2873	5244
1		82	70	152
2		8	3	11
3		1	0	1

Note: Quartile #3 comprises the third 15 seconds of the Letter Fluency task's 60-second administration period. Participants were instructed not to use proper names of people or places (e.g. "France" or "Fred") when attempting it; for more information on transcription and scoring, see cor860 in Appendix G.

hi240rec: Letter Fluency, Quartile 3: Total number of incorrect words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2445	2931	5376
1		16	14	30
2		1	1	2

Note: Quartile #3 comprises the third 15 seconds of the Letter Fluency task's 60-second administration period. An "incorrect" word is one that falls outside of the specified parameters for the task: to say words that begin with a particular letter of the alphabet, "L" or "F". For a participant asked to think of words that begin with the letter "F", the words "phoenix" and "mouse" would constitute incorrect responses. For more information on transcription and scoring, see cor860 in Appendix G.

hi241rec: Letter Fluency, Quartile 4: Total number of scored words named.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		673	622	1295
1		773	900	1673
2		561	774	1335
3		299	423	722
4		114	161	275
5		34	50	84
6		7	11	18
7		1	5	6

Note: Quartile #4 comprises the fourth 15 seconds of the Letter Fluency task's 60-second administration period; this variable, then, provides a sum of the scored words said by the participant during quartile #4 after all Letter Fluency coding rules were implemented and any disqualified words were removed from consideration (see HI242REC). For more information on how the task was transcribed and scored, see cor860 in Appendix G.

hi242rec: Letter Fluency, Quartile 4: Total raw number of words said, both those that were scored and those that were disqualified.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		541	509	1050
1		710	791	1501
2		623	832	1455
3		360	502	862
4		160	207	367
5		53	81	134
6		13	17	30
7		2	6	8
8		0	1	1

Note: Quartile #4 comprises the fourth 15 seconds of the Letter Fluency task's 60-second administration period. See cor860 in Appendix G for more information on how the task was transcribed and scored.

hi243rec: Letter Fluency, Quartile 4: Total number of exactly repeated words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2116	2546	4662
1		307	349	656
2		36	46	82
3		3	5	8

Note: Quartile #4 comprises the fourth 15 seconds of the Letter Fluency task's 60-second administration period. Participants were instructed not to repeat words when attempting it; for more information on transcription and scoring, see cor860 in Appendix G.

hi244rec: Letter Fluency, Quartile 4: Total number of repeated root words with different endings.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2373	2830	5203
1		83	109	192
2		5	7	12
3		1	0	1

Note: Quartile #4 comprises the fourth 15 seconds of the Letter Fluency task's 60-second administration period. Participants were instructed not to say any of the same words with a different ending when attempting it; an example of the same root word with a different ending would be "love" and "loving". For more information on transcription and scoring, see cor860 in Appendix G.

hi245rec: Letter Fluency, Quartile 4: Total number of repeated words caught by Participant.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

Frequencies

Value	Label	Male	Female	Total
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2399	2867	5266
1		63	77	140
2		0	2	2

Note: Quartile #4 comprises the fourth 15 seconds of the Letter Fluency task's 60-second administration period. A participant was considered to have caught an exactly repeated word (see HI243REC), or a repetition of the same root word with a different ending (see HI244REC), if they said something to the effect of, "oh, I already said that" during their timed attempt of the task. For more information on transcription and scoring, see cor860 in Appendix G.

hi246rec: Letter Fluency, Quartile 4: Total number of proper nouns.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2382	2882	5264
1		72	54	126
2		7	8	15
3		0	2	2
4		1	0	1

Note: Quartile #4 comprises the fourth 15 seconds of the Letter Fluency task's 60-second administration period. Participants were instructed not to use proper names of people or places (e.g. "France" or "Fred") when attempting it; for more information on transcription and scoring, see cor860 in Appendix G.

hi247rec: Letter Fluency, Quartile 4: Total number of incorrect words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi202rec, hi203rec, y_i11rand, y_i11a1, y_i11b1

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	14	17	31
-4	NOT ASCERTAINED	150	153	303
-3	REFUSED	151	75	226
0		2439	2923	5362
1		21	23	44
2		1	0	1
4		1	0	1

Note: Quartile #4 comprises the fourth 15 seconds of the Letter Fluency task's 60-second administration period. An "incorrect" word is one that falls outside of the specified parameters for the task: to say words that begin with a particular letter of the alphabet, "L" or "F". For a participant asked to think of words that begin with the letter "F", the words "phoenix" and "mouse" would constitute incorrect responses. For more information on transcription and scoring, see cor860 in Appendix G.

hi301re: Summary of whether Participant belonged to the 50% sub-sample randomly selected to complete the Category Fluency Task.

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

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
0	NO, NOT IN 50% SUB-SAMPLE SELECTED TO COMPLETE CATEGORY FLUENCY TASK	1364	1636	3000
1	YES, IN 50% SUB-SAMPLE SELECTED TO COMPLETE CATEGORY FLUENCY TASK	1413	1555	2968

hi302rec: Detailed code for Category Fluency not ascertained.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, y_recordon, y_irecprm1, y_i12rand, y_i12a, y_i12astrt, y_i12b, y_i12bstrt

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-2	Inappropriate INAPPROPRIATE (hi311rec != -4)	2704	3111	5815
1	MISSING OR TOO POOR AUDIO RECORDING	36	37	73
2	INTERVIEWER ERROR, FULL MINUTE NOT RECEIVED	1	2	3
3	TASK INTERRUPTED BY EVENT PRIOR TO COMPLETION	1	5	6
4	PARTICIPANT RECEIVED HELP FROM THIRD PARTY DURING TASK	4	2	6
5	SEVERE TASK MISUNDERSTANDING OR CONFUSION	9	10	19
9	CANNOT BE SCORED, REASON NOT OTHERWISE SPECIFIED	1	0	1
10	REFUSED AUDIO RECORDING OF MODULE, FLUENCY TASK NOT ADMINISTERED	14	16	30

Note: Cases are assigned values of "-4" and coded as not ascertained on HI310REC-HI347REC for any of the detailed reasons contained within this variable. See "cor860FluencyCodingSupervisorInstructions.doc" in Appendix G for the specifics on what rules were followed to determine which detailed code was given.

hi303rec: Detailed code for Category Fluency refused.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, y_recordon, y_irecprm1, y_i12rand, y_i12a, y_i12astrt, y_i12b, y_i12bstrt

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-2	Inappropriate INAPPROPRIATE (hi311rec != -3)	2722	3147	5869
1	REFUSAL BEFORE TASK BEGAN	18	9	27
2	REFUSAL DURING ADMINISTRATION OF TASK	30	27	57

Note: Cases are assigned values of "-3" and coded as refusals on HI310REC-HI347REC for any of the detailed reasons contained within this variable. For more information on how the Category Fluency task was transcribed and scored, see cor860 in Appendix G.

hi304rec: Detailed code for Category Fluency cautions.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, y_recordon, y_irecprm1, y_i12rand, y_i12a, y_i12astrt, y_i12b, y_i12bstrt

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-2	Inappropriate INAPPROPRIATE (hi301re != 1 | No Cautions Applied)	2749	3171	5920
1	BRIEF INTERRUPTION OR DISTRACTION DURING TASK	2	2	4
2	TASK UNDERSTANDING PROBLEM	9	2	11
3	OBVIOUS LOW EFFORT BY PARTICIPANT	1	0	1
4	PARTICIPANT DIGRESSES OFF TASK OR NONTRIVIAL INTERVIEWER-PARTICIPANT INTERACTION	6	6	12
5	AUDIO QUALITY MIGHT HAVE RESULTED IN WORD MISSED	3	2	5

Note: See "cor860FluencyCodingSupervisorInstructions.doc" in Appendix G for the specifics on what rules were followed to determine which detailed code was given.

hi305rec: Duration of Category Fluency task for Participants who stopped before 60 seconds had elapsed.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-2	Inappropriate INAPPROPRIATE (hi301re != 1 | hi302rec > 0 | hi303rec > 0 | Task Attempted for Full 60 Seconds)	2670	3095	5765
23		0	1	1
31		0	1	1
33		1	0	1
34		1	0	1
40		1	0	1
44		1	0	1
49		1	0	1
50		2	1	3
51		2	1	3
52		0	1	1
53		2	4	6
54		2	2	4
55		6	3	9
56		8	7	15
57		17	14	31
58		29	30	59
59		27	23	50

Note: Some participants who did not refuse assessment and to whom the Category Fluency task was appropriately administered decided to stop or quit before the full 60 seconds allotted to them had elapsed; all such participants should have valid data on variables HI310REC-HI347REC. Participants to whom the Category Fluency task was not appropriately administered (see HI302REC) or who refused to be assessed (see HI303REC) have been assigned values of "-3" or "-4" on variables HI310REC-HI347REC. For more information on how the Category Fluency task was transcribed and scored, see cor860 in Appendix G.

hi306re: Version of Category Fluency task, animals or foods.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, y_i12rand

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-2	Inappropriate INAPPROPRIATE (hi301re != 1 | hi302rec = 10)	1378	1652	3030
1	ANIMALS	689	774	1463
2	FOODS	703	757	1460

Note: Participants who attempted the Category Fluency task in 2004 were asked to complete it in 2011 using the same category ("animals" or "foods") that was randomly assigned to them last wave. Participants attempting the task for the first time in 2011 had either "animals" or "foods" randomly assigned to them. The Category Fluency task was not administered to participants who did not permit audio recording of the Cognition - Letter/Category Fluency Module (see HI302REC); in such cases, no category was randomly assigned.

hi310rec: Category Fluency: Total number of scored words named.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0 - 15		383	287	670
16 - 19		356	380	736
20 - 23		314	363	677
24 - 31		219	343	562
32 - 47		18	66	84

Note: This variable provides a sum of the scored words said by the participant after all Category Fluency coding rules were implemented and any disqualified words were removed from consideration (see HI311REC). For more detail on participants to whom the Category Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI302REC and HI303REC respectively. For information on how the Category Fluency task was transcribed and scored, see cor860 in Appendix G.

hi311rec: Category Fluency: Total raw number of words said, both those that were scored and those that were disqualified.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0 - 15		345	256	601
16 - 19		350	359	709
20 - 23		318	364	682
24 - 29		224	335	559
30 - 47		53	125	178

Note: See cor860 in Appendix G for information on how the Category Fluency task was transcribed and scored. For more detail on participants to whom the Category Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI302REC and HI303REC respectively.

hi312rec: Category Fluency: Total number of exactly repeated words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		892	1015	1907
1		284	295	579
2		80	92	172
3		23	22	45
4		6	6	12
5		2	7	9
6		1	2	3
7		1	0	1
8		1	0	1

Note: Participants were instructed not to repeat words when attempting the Category Fluency task. For more detail on participants to whom the Category Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI302REC and HI303REC respectively. For information on how the Category Fluency task was transcribed and scored, see cor860 in Appendix G.

hi314rec: Category Fluency: Total number of repeated words caught by Participant.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1207	1330	2537
1		76	92	168
2		7	17	24

Note: A participant was considered to have caught a repeated word (see HI312REC) if they said something to the effect of, "oh, I already said that" during their timed attempt of the Category Fluency task. For more detail on participants to whom the Category Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI302REC and HI303REC respectively. For information on how the Category Fluency task was transcribed and scored, see cor860 in Appendix G.

hi315rec: Category Fluency: Total number of proper nouns.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1284	1433	2717
1		5	5	10
2		1	1	2

Note: For more detail on participants to whom the Category Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI302REC and HI303REC respectively. For information on how the Category Fluency task was transcribed and scored, see cor860 in Appendix G.

hi316rec: Category Fluency: Total number of incorrect words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1272	1417	2689
1		15	12	27
2		0	4	4
3		3	3	6
4		0	1	1
7		0	1	1
8		0	1	1

Note: An "incorrect" word is one that falls outside of the specified parameters for the Category Fluency task: to say things belonging to a particular category, "animals" or "foods". For a participant asked to think of things that fall into the category of "animals," the words "door" and "razor" would constitute incorrect responses. For more detail on participants to whom the Category Fluency task was not appropriately administered (codes of "-4") or who refused to be assessed (codes of "-3"), please see HI302REC and HI303REC respectively. For information on how the Category Fluency task was transcribed and scored, see cor860 in Appendix G.

hi320rec: Category Fluency, Quartile 1: Total number of scored words named.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		2	2	4
1		5	2	7
2		11	2	13
3		13	6	19
4		39	25	64
5		86	62	148
6		145	117	262
7		208	201	409
8		242	249	491
9		215	251	466
10		139	226	365
11		95	119	214
12		51	99	150
13		24	41	65
14		9	22	31
15		5	10	15
16		1	4	5
17		0	1	1

Note: Quartile #1 comprises the first 15 seconds of the Category Fluency task's 60-second administration period; this variable, then, provides a sum of the scored words said by the participant during quartile #1 after all Category Fluency coding rules were implemented and any disqualified words were removed from consideration (see HI321REC). For more information on how the task was transcribed and scored, see cor860 in Appendix G.

hi321rec: Category Fluency, Quartile 1: Total raw number of words said, both those that were scored and those that were disqualified.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		2	2	4
1		5	2	7
2		11	2	13
3		12	5	17
4		36	26	62
5		85	61	146
6		140	116	256
7		203	189	392
8		241	248	489
9		223	248	471
10		141	236	377
11		98	119	217
12		51	99	150
13		25	48	73
14		11	23	34
15		5	9	14
16		1	5	6
17		0	1	1

Note: Quartile #1 comprises the first 15 seconds of the Category Fluency task's 60-second administration period. See cor860 in Appendix G for more information on how the task was transcribed and scored.

hi322rec: Category Fluency, Quartile 1: Total number of exactly repeated words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1238	1384	2622
1		48	51	99
2		4	4	8

Note: Quartile #1 comprises the first 15 seconds of the Category Fluency task's 60-second administration period. Participants were instructed not to repeat words when attempting it; for more information on transcription and scoring, see cor860 in Appendix G.

hi324rec: Category Fluency, Quartile 1: Total number of repeated words caught by Participant.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1280	1427	2707
1		10	12	22

Note: Quartile #1 comprises the first 15 seconds of the Category Fluency task's 60-second administration period. A participant was considered to have caught a repeated word (see HI322REC) if they said something to the effect of, "oh, I already said that" during their timed attempt of the task. For more information on transcription and scoring, see cor860 in Appendix G.

hi325rec: Category Fluency, Quartile 1: Total number of proper nouns.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1289	1439	2728
1		1	0	1

Note: Quartile #1 comprises the first 15 seconds of the Category Fluency task's 60-second administration period; for more information on transcription and scoring, see cor860 in Appendix G.

hi326rec: Category Fluency, Quartile 1: Total number of incorrect words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1284	1434	2718
1		6	5	11

Note: Quartile #1 comprises the first 15 seconds of the Category Fluency task's 60-second administration period. An "incorrect" word is one that falls outside of the specified parameters for the task: to say things belonging to a particular category, "animals" or "foods". For a participant asked to think of things that fall into the category of "animals," the words "door" and "razor" would constitute incorrect responses. For more information on transcription and scoring, see cor860 in Appendix G.

hi327rec: Category Fluency, Quartile 2: Total number of scored words named.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		44	33	77
1		71	61	132
2		145	136	281
3		206	205	411
4		225	258	483
5		226	250	476
6		172	177	349
7		104	146	250
8		54	93	147
9		26	46	72
10		11	23	34
11		6	7	13
12		0	3	3
13		0	1	1

Note: Quartile #2 comprises the second 15 seconds of the Category Fluency task's 60-second administration period; this variable, then, provides a sum of the scored words said by the participant during quartile #2 after all Category Fluency coding rules were implemented and any disqualified words were removed from consideration (see HI328REC). For more information on how the task was transcribed and scored, see cor860 in Appendix G.

hi328rec: Category Fluency, Quartile 2: Total raw number of words said, both those that were scored and those that were disqualified.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		41	29	70
1		60	51	111
2		139	131	270
3		190	186	376
4		227	256	483
5		229	248	477
6		180	197	377
7		112	151	263
8		61	100	161
9		30	50	80
10		15	21	36
11		6	14	20
12		0	3	3
13		0	2	2

Note: Quartile #2 comprises the second 15 seconds of the Category Fluency task's 60-second administration period. See cor860 in Appendix G for more information on how the task was transcribed and scored.

hi329rec: Category Fluency, Quartile 2: Total number of exactly repeated words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1150	1288	2438
1		123	128	251
2		15	22	37
3		1	1	2
5		1	0	1

Note: Quartile #2 comprises the second 15 seconds of the Category Fluency task's 60-second administration period. Participants were instructed not to repeat words when attempting it; for more information on transcription and scoring, see cor860 in Appendix G.

hi331rec: Category Fluency, Quartile 2: Total number of repeated words caught by Participant.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1272	1409	2681
1		16	28	44
2		2	2	4

Note: Quartile #2 comprises the second 15 seconds of the Category Fluency task's 60-second administration period. A participant was considered to have caught a repeated word (see HI329REC) if they said something to the effect of, "oh, I already said that" during their timed attempt of the task. For more information on transcription and scoring, see cor860 in Appendix G.

hi332rec: Category Fluency, Quartile 2: Total number of proper nouns.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1289	1439	2728
1		1	0	1

Note: Quartile #2 comprises the second 15 seconds of the Category Fluency task's 60-second administration period; for more information on transcription and scoring, see cor860 in Appendix G.

hi333rec: Category Fluency, Quartile 2: Total number of incorrect words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1285	1433	2718
1		5	2	7
2		0	2	2
3		0	2	2

Note: Quartile #2 comprises the second 15 seconds of the Category Fluency task's 60-second administration period. An "incorrect" word is one that falls outside of the specified parameters for the task: to say things belonging to a particular category, "animals" or "foods". For a participant asked to think of things that fall into the category of "animals," the words "door" and "razor" would constitute incorrect responses. For more information on transcription and scoring, see cor860 in Appendix G.

hi334rec: Category Fluency, Quartile 3: Total number of scored words named.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		90	94	184
1		147	123	270
2		221	217	438
3		260	246	506
4		218	252	470
5		154	196	350
6		100	156	256
7		64	85	149
8		26	39	65
9		6	19	25
10		4	7	11
11		0	3	3
12		0	2	2

Note: Quartile #3 comprises the third 15 seconds of the Category Fluency task's 60-second administration period; this variable, then, provides a sum of the scored words said by the participant during quartile #3 after all Category Fluency coding rules were implemented and any disqualified words were removed from consideration (see HI335REC). For more information on how the task was transcribed and scored, see cor860 in Appendix G.

hi335rec: Category Fluency, Quartile 3: Total raw number of words said, both those that were scored and those that were disqualified.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		76	78	154
1		132	109	241
2		218	196	414
3		240	248	488
4		230	264	494
5		172	208	380
6		113	159	272
7		62	93	155
8		32	45	77
9		10	23	33
10		5	9	14
11		0	5	5
12		0	2	2

Note: Quartile #3 comprises the third 15 seconds of the Category Fluency task's 60-second administration period. See cor860 in Appendix G for more information on how the task was transcribed and scored.

hi336rec: Category Fluency, Quartile 3: Total number of exactly repeated words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1146	1278	2424
1		123	131	254
2		14	27	41
3		6	3	9
5		1	0	1

Note: Quartile #3 comprises the third 15 seconds of the Category Fluency task's 60-second administration period. Participants were instructed not to repeat words when attempting it; for more information on transcription and scoring, see cor860 in Appendix G.

hi338rec: Category Fluency, Quartile 3: Total number of repeated words caught by Participant.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1258	1399	2657
1		32	37	69
2		0	3	3

Note: Quartile #3 comprises the third 15 seconds of the Category Fluency task's 60-second administration period. A participant was considered to have caught a repeated word (see HI336REC) if they said something to the effect of, "oh, I already said that" during their timed attempt of the task. For more information on transcription and scoring, see cor860 in Appendix G.

hi339rec: Category Fluency, Quartile 3: Total number of proper nouns.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1289	1435	2724
1		1	3	4
2		0	1	1

Note: Quartile #3 comprises the third 15 seconds of the Category Fluency task's 60-second administration period; for more information on transcription and scoring, see cor860 in Appendix G.

hi340rec: Category Fluency, Quartile 3: Total number of incorrect words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1283	1433	2716
1		7	2	9
2		0	2	2
3		0	1	1
4		0	1	1

Note: Quartile #3 comprises the third 15 seconds of the Category Fluency task's 60-second administration period. An "incorrect" word is one that falls outside of the specified parameters for the task: to say things belonging to a particular category, "animals" or "foods". For a participant asked to think of things that fall into the category of "animals," the words "door" and "razor" would constitute incorrect responses. For more information on transcription and scoring, see cor860 in Appendix G.

hi341rec: Category Fluency, Quartile 4: Total number of scored words named.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		179	141	320
1		217	206	423
2		234	237	471
3		246	289	535
4		184	232	416
5		108	149	257
6		62	97	159
7		37	38	75
8		13	28	41
9		8	12	20
10		2	2	4
11		0	7	7
12		0	1	1

Note: Quartile #4 comprises the fourth 15 seconds of the Category Fluency task's 60-second administration period; this variable, then, provides a sum of the scored words said by the participant during quartile #4 after all Category Fluency coding rules were implemented and any disqualified words were removed from consideration (see HI342REC). For more information on how the task was transcribed and scored, see cor860 in Appendix G.

hi342rec: Category Fluency, Quartile 4: Total raw number of words said, both those that were scored and those that were disqualified.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		155	121	276
1		203	187	390
2		236	235	471
3		233	289	522
4		190	237	427
5		136	159	295
6		71	99	170
7		42	53	95
8		12	28	40
9		10	19	29
10		2	4	6
11		0	5	5
12		0	2	2
13		0	1	1

Note: Quartile #4 comprises the fourth 15 seconds of the Category Fluency task's 60-second administration period. See cor860 in Appendix G for more information on how the task was transcribed and scored.

hi343rec: Category Fluency, Quartile 4: Total number of exactly repeated words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1140	1281	2421
1		128	136	264
2		17	18	35
3		5	2	7
5		0	2	2

Note: Quartile #4 comprises the fourth 15 seconds of the Category Fluency task's 60-second administration period. Participants were instructed not to repeat words when attempting it; for more information on transcription and scoring, see cor860 in Appendix G.

hi345rec: Category Fluency, Quartile 4: Total number of repeated words caught by Participant.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1264	1403	2667
1		24	33	57
2		2	3	5

Note: Quartile #4 comprises the fourth 15 seconds of the Category Fluency task's 60-second administration period. A participant was considered to have caught a repeated word (see HI343REC) if they said something to the effect of, "oh, I already said that" during their timed attempt of the task. For more information on transcription and scoring, see cor860 in Appendix G.

hi346rec: Category Fluency, Quartile 4: Total number of proper nouns.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1287	1437	2724
1		2	2	4
2		1	0	1

Note: Quartile #4 comprises the fourth 15 seconds of the Category Fluency task's 60-second administration period; for more information on transcription and scoring, see cor860 in Appendix G.

hi347rec: Category Fluency, Quartile 4: Total number of incorrect words.

Data source: Graduate Participant or Proxy Collected in: 2011 Mode: In person & telephone
Source variables: hi301re, hi302rec, hi303rec, y_i12rand, y_i12a, y_i12b

		Frequencies		
Value	**Label**	**Male**	**Female**	**Total**
.	System missing - NR	2146	2019	4165
-30	NOT PART OF MOSAQ	68	116	184
-27	NOT ASKED OF PROXY	7	8	15
-4	NOT ASCERTAINED	68	72	140
-3	REFUSED	48	36	84
-2	Inappropriate INAPPROPRIATE (hi301re != 1)	1364	1636	3000
0		1286	1429	2715
1		3	7	10
2		0	2	2
3		1	0	1
7		0	1	1

Note: Quartile #4 comprises the fourth 15 seconds of the Category Fluency task’s 60-second administration period. An "incorrect" word is one that falls outside of the specified parameters for the task: to say things belonging to a particular category, "animals" or "foods". For a participant asked to think of things that fall into the category of "animals," the words "door" and "razor" would constitute incorrect responses. For more information on transcription and scoring, see cor860 in Appendix G.

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