

**Longitudinal Variable File****Longitudinal Dataset****Data set name: V2\_V9\_CNFA\_NP****Instructions:** Neurocognitive test scores collected from V2 through V9.

ADS		<i>Eight-item informant questionnaire closest to cognitive assessment date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4332	Range	0 - 8 ( median=0 mean=1.8 std=2.8 )
57387		Missing

ADSDATE_FOLLO WUPDAYS		<i>Days of follow up from Visit 1 to date of eight-item informant questionnaire closest to cognitive assessment date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4332	Range	9531 - 13035 ( median=11301 mean=11221.0 std=760.5 )
57387		Missing

ADSDATE_YEAR		<i>Year of date of eight-item informant questionnaire closest to cognitive assessment date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
547	2016	
709	2017	
645	2018	
688	2019	
721	2020	
550	2021	
472	2022	
57387		Missing

EXECFUNCFS1		<i>Executive functioning domain factor score (in-person) from categorical indicators (ver1)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16366	Range	-1.838 - 2.248 ( median=-0.058 mean=-0.0966 std=0.9016 )
45353		Missing

EXECFUNCFS6		<i>Executive functioning domain factor score (phone) from continuous indicators (ver6)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3325	Range	-2.639 - 1.014 ( median=0.302 mean=0.0088 std=0.8628 )
58394		Missing

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<i>EXECFUNCFS7</i>		<i>Executive functioning domain factor score (phone) from categorical indicators (ver7)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3325	Range	-1.449 - 1.418 ( median=0.013 mean=0.0096 std=0.6064 )
58394		Missing

<i>GLOBALFS1</i>		<i>Global cognition factor score (in-person) from categorical indicators (ver1)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
43464	Range	-2.838 - 2.836 ( median=0.417 mean=0.3517 std=0.9744 )
18255		Missing

<i>GLOBALFS2</i>		<i>Global cognition factor score (co-calibrated) from continuous indicators and invariant tests (ver2)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
46358	Range	-3.716 - 3.576 ( median=0.403 mean=0.3074 std=0.9617 )
15361		Missing

<i>GLOBALFS3</i>		<i>Global cognition factor score (co-calibrated) from continuous indicators and invariant subsample cognition (ver3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
46358	Range	-3.716 - 3.576 ( median=0.408 mean=0.3181 std=0.9492 )
15361		Missing

<i>GLOBALFS4</i>		<i>Global cognition factor score (co-calibrated) from categorical indicators and invariant tests (ver4)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
46358	Range	-4.086 - 3.906 ( median=0.349 mean=0.2946 std=0.9253 )
15361		Missing

<i>GLOBALFS5</i>		<i>Global cognition factor score (co-calibrated) from categorical indicators and invariant subsample cognition (ver5)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
46358	Range	-4.086 - 3.906 ( median=0.356 mean=0.3071 std=0.9112 )
15361		Missing

<i>GLOBALFS6</i>		<i>Global cognition factor score (phone) from continuous indicators (ver6)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3330	Range	-3.094 - 2.665 ( median=0.065 mean=0.0035 std=0.8684 )
58389		Missing

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GLOBALFS7		Global cognition factor score (phone) from categorical indicators (ver7)
N	Value	Description
3330	Range	-3.207 - 2.754 ( median=0.0475 mean=0.00221 std=0.87360 )
58389		Missing

GLOBALFS8		Global cognition factor score (in-person) from continuous indicators (ver8)
N	Value	Description
43464	Range	-3.644 - 3.682 ( median=0.44 mean=0.338 std=0.973 )
18255		Missing

GLOBZ_NCTS		Mean of DWR, DSS, and WFT Z Scores
N	Value	Description
46535	Range	-3.37228 - 2.575749 ( median=-0.16767 mean=-0.223128 std=0.838252 )
15184		Missing

INPERSONDATE_F OLLOWUPDAYS		Days of follow up from Visit 1 to in-person cognitive assessment date
N	Value	Description
47676	Range	739 - 13085 ( median=3270 mean=5190.4 std=3966.2 )
14043		Missing

INPERSONDATE_Y EAR		Year of in-person cognitive assessment date
N	Value	Description
47676	Range	1990 - 2022 ( median=1998 mean=2002.3 std=10.9 )
14043		Missing

INPERSONTESTS		Indicator for one or more cognitive tests administered in person (0=No, 1=Yes)
N	Value	Description
14043	0	Not administered
47676	1	Administered

LANGUAGEFS1		Language domain factor score (in-person) from categorical indicators (ver1)
N	Value	Description
16736	Range	-2.054 - 2.116 ( median=-0.0585 mean=-0.07392 std=0.87084 )
44983		Missing

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<i>LANGUAGEFS2</i>		<i>Language domain factor score (co-calibrated) from continuous indicators and invariant tests (ver2)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
19612	Range	-3.074 - 2.684 ( median=-0.073 mean=-0.1043 std=0.8383 )
42107		Missing

<i>LANGUAGEFS3</i>		<i>Language domain factor score (co-calibrated) from continuous indicators and invariant subsample cognition (ver3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
19612	Range	-3.074 - 2.684 ( median=-0.063 mean=-0.0929 std=0.8275 )
42107		Missing

<i>LANGUAGEFS4</i>		<i>Language domain factor score (co-calibrated) from categorical indicators and invariant tests (ver4)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
19612	Range	-2.654 - 2.335 ( median=-0.09 mean=-0.107 std=0.850 )
42107		Missing

<i>LANGUAGEFS5</i>		<i>Language domain factor score (co-calibrated) from categorical indicators and invariant subsample cognition (ver5)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
19612	Range	-3.978 - 3.101 ( median=-0.085 mean=-0.0995 std=0.8228 )
42107		Missing

<i>LANGUAGEFS6</i>		<i>Language domain factor score (phone) from continuous indicators (ver6)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3312	Range	-2.326 - 3.649 ( median=-0.082 mean=-0.0032 std=0.9165 )
58407		Missing

<i>LANGUAGEFS7</i>		<i>Language domain factor score (phone) from categorical indicators (ver7)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3312	Range	-2.174 - 2.343 ( median=-0.016 mean=-0.0033 std=0.9095 )
58407		Missing

<i>MEMORYFS1</i>		<i>Memory domain factor score (in-person) from categorical indicators (ver1)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16702	Range	-2.225 - 2.873 ( median=-0.007 mean=-0.0262 std=0.8595 )
45017		Missing

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<i>MEMORYFS6</i>		<i>Memory domain factor score (phone) from continuous indicators (ver6)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3230	Range	-3.144 - 2.322 ( median=0.015 mean=0.0040 std=0.9499 )
58489		Missing

<i>MEMORYFS7</i>		<i>Memory domain factor score (phone) from categorical indicators (ver7)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3230	Range	-3.406 - 2.362 ( median=-0.02 mean=0.004 std=0.949 )
58489		Missing

<i>MISSINGTESTS</i>		<i>Number of missing neurocognitive tests</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
46535	0	0 Tests Missing
826	1	1 Test Missing
196	2	2 Tests Missing
14116	3	3 Tests Missing
46		Missing

<i>PHONEDATE_FOL LOWUPDAYS</i>		<i>Days of follow up from Visit 1 to telephone cognitive assessment date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
23873	Range	9490 - 13001 ( median=11287 mean=11200.9 std=739.7 )
37846		Missing

<i>PHONEDATE_YEA R</i>		<i>Year of telephone cognitive assessment date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2624	2016	
4928	2017	
3033	2018	
3461	2019	
5116	2020	
2401	2021	
2310	2022	
37846		Missing

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<i>PHONETESTS</i>		<i>Indicator for one or more cognitive tests administered by phone (0=No, 1=Yes, 2=SIS or ADS only)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
47235	0	Not administered
3335	1	Administered
11149	2	Only SIS or ADS administered

<i>SIS</i>		<i>Six-item cognitive screener closest to cognitive assessment date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
20834	Range	0 - 6 ( median=6 mean=5.6 std=0.8 )
40885		Missing

<i>SISDATE_FOLLOWUPDAYS</i>		<i>Days of follow up from Visit 1 to date of six-item cognitive screener closest to cognitive assessment date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
20834	Range	9490 - 12876 ( median=11286 mean=11185.1 std=734.8 )
40885		Missing

<i>SISDATE_YEAR</i>		<i>Year of date of six-item cognitive screener closest to cognitive assessment date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2191	2016	
4599	2017	
2598	2018	
3206	2019	
4168	2020	
1948	2021	
2124	2022	
40885		Missing

<i>SUBJECTID</i>		<i>ARIC Cohort ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
61719	Present	Text suppressed

<i>VDATE_FOLLOWUPDAYS</i>		<i>Days of follow up from Visit 1 to cognitive assessment date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
61719	Range	739 - 13085 ( median=8019 mean=6587.0 std=4345.9 )

**Longitudinal Variable File**

VDATE_YEAR		Year of cognitive assessment date
N	Value	Description
61719	Range	1990 - 2022 ( median=2011 mean=2006.2 std=11.9 )

VISIT		Visit
N	Value	Description
14212	2	ARIC Visit 2
2087	3	ARIC Visit 3
11349	4	ARIC Visit 4
6487	5	ARIC Visit 5
7600	6	ARIC Visit 6
6800	7	ARIC Visit 7
5129	8	ARIC Visit 8
4906	9	ARIC Visit 9
2016	C	Carotid MRI
1133	M	Brain MRI

VTYPE		Visit type
N	Value	Description
19	ACHY0	ACHIEVE Baseline
201	ACHY1	ACHIEVE Year 1
3	ACHY2	ACHIEVE Year 2
5	ACHY3	ACHIEVE Year 3
110	ACHY4	ACHIEVE ANX Year 1
1133	Brain	Brain MRI
2016	CarMRI	Carotid MRI
14212	V2	ARIC Visit 2
2087	V3	ARIC Visit 3
11349	V4	ARIC Visit 4
6487	V5NCS	ARIC NCS Visit 5
7600	V6NCS	ARIC NCS Visit 6
6577	V7NCS	ARIC NCS Visit 7
5129	V8NCS	ARIC NCS Visit 8
4791	V9NCS	ARIC NCS Visit 9

**Longitudinal Variable File**

<i>ZSCORE_DSS</i>		<i>Z score of Digit Symbol Substitution</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
46878	Range	-3.13218 - 3.403 ( median=-0.25108 mean=-0.277181 std=0.987280 )
14841		Missing

<i>ZSCORE_DWR</i>		<i>Z score of Delayed Word Recall</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
47330	Range	-4.32555 - 2.221508 ( median=-0.39731 mean=-0.383467 std=1.225612 )
14389		Missing

<i>ZSCORE_WFT</i>		<i>Z score of Word Fluency Test</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
47245	Range	-2.65911 - 3.367612 ( median=-0.08771 mean=-0.045975 std=1.011519 )
14474		Missing