

NIA grant: Ancillary to HCHS/SOL: MRI Measures of Cerebrovascular Injury and AD Atrophy in a Study of Latinos (RF1 AG054548, C DeCarli & H Gonzalez)



HCHS/SOL INCA MRI Ancillary Codebook

**August 2023
INV3 Datasets**

**Study Website: <http://www.csc.unc.edu/hchs/>
Study Email: hchsadministration@unc.edu**

**Prepared by
SOL-INCA Analytics Team**

Table of Contents

Chapter 1. Magnetic Resonance Imaging.....	3
Section A: Magnetic Resonance Imaging.....	3
Structural Imaging (INCA_MRI_STRUC)	3
Structural Imaging - Repeat (INCA_MRI_REPEAT_STRUC)	28
Diffusion Tensor Imaging (INCA_MRI_DTI).....	53
Diffusion Tensor Imaging - Repeat (INCA_MRI_REPEAT_DTI).....	54
Diffusion Tensor Imaging Fibers (INCA_MRI_FDTI).....	55
Diffusion Tensor Imaging Fibers - Repeat (INCA_MRI_REPEAT_FDTI).....	59
Cumulative Strokes (INCA_MRI_STROKE)	63
Cumulative Strokes - Repeat (INCA_MRI_REPEAT_STROKE)	66
Cerebral Microbleeds (INCA_MRI_CMB)	68
Cerebral Microbleeds - Repeat (INCA_MRI_REPEAT_CMB)	70
Chapter 2. Participant Alerts.....	72
MRI Alerts Notification (MAN).....	72
MRI Alerts Notification - Repeat (MAN_REPEAT).....	74
Chapter 3. Participant Derived File.....	76
INCA MRI Participant Derived File (INCA_MRI_PART_DERV)	76

Section A: Magnetic Resonance Imaging

Structural Imaging: FORM CODE=INCA_MRI_STRUC VERSION=1

ID		HCHS Participant ID
N	Value	Description
2667	Present	Text suppressed

DATE		Date of Brain MRI Scan
N	Value	Description
2667	Range	05/31/2018 - 08/31/2022

CEREBRUMV2_GR AY		Total Cerebrum Gray Matter Volume (cm**3)
N	Value	Description
2660	Range	354.538 - 731.287 (median=491.906 mean=495.6991 std=48.5554)
7		Missing

CEREBRUMV2_TC B		Total Cerebrum Brain Volume (cm**3)
N	Value	Description
2660	Range	607.942 - 1263.76 (median=888.9755 mean=896.88645 std=93.71143)
7		Missing

CEREBRUMV2_TC C		Total Cerebrum Cerebrospinal Fluid Volume (cm**3)
N	Value	Description
2660	Range	145.15 - 520.311 (median=253.6265 mean=258.84823 std=43.34045)
7		Missing

CEREBRUMV2_TC V		Total Cerebrum Cranial Volume (cm**3)
N	Value	Description
2660	Range	794.794 - 1581.55 (median=1143.85 mean=1155.735 std=116.818)
7		Missing

CEREBRUMV2_WH ITE		Total Cerebrum White Matter Volume (cm**3)
N	Value	Description
2660	Range	223.482 - 582.601 (median=395.072 mean=398.5460 std=51.7744)
7		Missing

Section A: Magnetic Resonance Imaging

<i>CEREBRUMV2_W MH</i>		<i>Total Cerebrum White Matter Hyperintensity Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2653	Range	0.00387648 - 130.495 (median=0.881 mean=2.6483 std=6.1389)
14		Missing

<i>DT1_QC</i>		<i>3DT1 Quality Control</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2436	Good	Good
224	Fair	Fair
7	Unanalyzable	Unanalyzable

<i>FLAIR_QC</i>		<i>FLAIR Quality Control</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2450	Good	Good
205	Fair	Fair
10	Unanalyzable	Unanalyzable
2		Missing

<i>FRONTAL_CORTICAL_GRAY</i>		<i>Segmented Cortical Frontal Lobe Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	123.394 - 264.035 (median=171.311 mean=172.9034 std=18.7948)
7		Missing

<i>HIPPO</i>		<i>Segmented Total Hippocampi Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	4.054 - 8.94691 (median=6.266 mean=6.3001 std=0.7362)
7		Missing

<i>LATERALVENT</i>		<i>Segmented Total Lateral Ventricle Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	4.24571 - 138.718 (median=16.65955 mean=20.033980 std=12.484979)
7		Missing

Section A: Magnetic Resonance Imaging

<i>LT_CAUDAL_ANTI RIOR_CINGULATE</i>		<i>Left Caudal Anterior Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.309 - 6.54775 (median=3.011 mean=3.0999 std=0.7648)
7		Missing

<i>LT_CAUDAL_ANTI RIOR_CINGULATE _MC</i>		<i>Left Caudal Anterior Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.600178 - 4.20014 (median=2.60082 mean=2.610861 std=0.385338)
7		Missing

<i>LT_CAUDAL_MIDD LE_FRONTAL</i>		<i>Left Caudal Middle Frontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.285 - 7.71477 (median=4.46 mean=4.509 std=0.884)
7		Missing

<i>LT_CAUDAL_MIDD LE_FRONTAL_MC</i>		<i>Left Caudal Middle Frontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.440922 - 3.81503 (median=2.084815 mean=2.1286978 std=0.3800930)
7		Missing

<i>LT_CUNEUS</i>		<i>Left Cuneus Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.431 - 8.6724 (median=4.5345 mean=4.64735 std=0.92317)
7		Missing

<i>LT_CUNEUS_MC</i>		<i>Left Cuneus Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.756037 - 4.01302 (median=1.49019 mean=1.596234 std=0.414286)
7		Missing

Section A: Magnetic Resonance Imaging

<i>LT_ENTORHINAL</i>		<i>Left Entorhinal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.15625 - 6.574 (median=4.133165 mean=4.1640692 std=0.5848825)
7		Missing

<i>LT_ENTORHINAL_MC</i>		<i>Left Entorhinal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.0861 - 5.48854 (median=3.58273 mean=3.582679 std=0.534896)
7		Missing

<i>LT_FUSIFORM</i>		<i>Left Fusiform Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	5.348 - 14.718 (median=9.168 mean=9.2400 std=1.3032)
7		Missing

<i>LT_FUSIFORM_MC</i>		<i>Left Fusiform Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.39704 - 4.2876 (median=2.448735 mean=2.5149103 std=0.5347496)
7		Missing

<i>LT_HIPPO</i>		<i>Segmented Lt Hippocampus Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.606 - 5.106 (median=3.135605 mean=3.1447615 std=0.3895721)
7		Missing

<i>LT_INFERIOR_PAR IETAL</i>		<i>Left Inferior Parietal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	5.257 - 20.4018 (median=10.87315 mean=11.040882 std=1.851168)
7		Missing

<i>LT_INFERIOR_PAR IETAL_MC</i>		<i>Left Inferior Parietal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.872741 - 4.52328 (median=2.047765 mean=2.1630379 std=0.5150813)
7		Missing

Section A: Magnetic Resonance Imaging

<i>LT_INFERIOR_TEMPORAL</i>		<i>Left Inferior Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	5.03651 - 16.0593 (median=9.228 mean=9.3043 std=1.3645)
7		Missing

<i>LT_INFERIOR_TEMPORAL_MC</i>		<i>Left Inferior Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.07063 - 5.45585 (median=2.63799 mean=2.755928 std=0.757212)
7		Missing

<i>LT_INSULA</i>		<i>Left Insula Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	4.23 - 9.036 (median=5.935 mean=5.9789 std=0.6908)
7		Missing

<i>LT_INSULA_MC</i>		<i>Left Insula Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.87709 - 5.15926 (median=3.272525 mean=3.3037371 std=0.3932830)
7		Missing

<i>LT_ISTHMUS_CINGULATE</i>		<i>Left Isthmus Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.227 - 4.673 (median=2.5297 mean=2.56225 std=0.46632)
7		Missing

<i>LT_ISTHMUS_CINGULATE_MC</i>		<i>Left Isthmus Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.35091 - 3.55613 (median=2.362475 mean=2.3719741 std=0.2700195)
7		Missing

<i>LT_LATERALVENT</i>		<i>Segmented Lt Lateral Ventricle Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.1185 - 72.6882 (median=8.644 mean=10.4207 std=6.5981)
7		Missing

Section A: Magnetic Resonance Imaging

<i>LT_LATERAL_OCCI PITAL</i>		<i>Left Lateral Occipital Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	3.564 - 18.2645 (median=10.31225 mean=10.481672 std=1.906737)
7		Missing

<i>LT_LATERAL_OCCI PITAL_MC</i>		<i>Left Lateral Occipital Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.838326 - 4.87649 (median=1.805005 mean=2.0390221 std=0.7413026)
7		Missing

<i>LT_LATERAL_ORBI TOFRONTAL</i>		<i>Left Lateral Orbitofrontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	5.063 - 12.1726 (median=7.752 mean=7.8167 std=0.9343)
7		Missing

<i>LT_LATERAL_ORBI TOFRONTAL_MC</i>		<i>Left Lateral Orbitofrontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.13485 - 3.6836 (median=2.24964 mean=2.292235 std=0.424864)
7		Missing

<i>LT_LINGUAL</i>		<i>Left Lingual Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	3.025 - 10.6398 (median=6.069365 mean=6.1599509 std=1.1148005)
7		Missing

<i>LT_LINGUAL_MC</i>		<i>Left Lingual Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.746083 - 3.74088 (median=1.65974 mean=1.775568 std=0.586594)
7		Missing

Section A: Magnetic Resonance Imaging

<i>LT_MEDIAL_ORBIT OFFRONTAL</i>		<i>Left Medial Orbitofrontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.489 - 7.69966 (median=4.438955 mean=4.4823226 std=0.6896917)
7		Missing

<i>LT_MEDIAL_ORBIT OFFRONTAL_MC</i>		<i>Left Medial Orbitofrontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.14106 - 3.95771 (median=2.390025 mean=2.4020961 std=0.3547963)
7		Missing

<i>LT_MIDDLE_TEMP ORAL</i>		<i>Left Middle Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	6.28088 - 22.205 (median=12.84285 mean=12.982579 std=1.844087)
7		Missing

<i>LT_MIDDLE_TEMP ORAL_MC</i>		<i>Left Middle Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.0622 - 5.29788 (median=2.49504 mean=2.588774 std=0.623689)
7		Missing

<i>LT_PARACENTRAL</i>		<i>Left Paracentral Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.201 - 7.911 (median=4.4905 mean=4.55371 std=0.74763)
7		Missing

<i>LT_PARACENTRAL _MC</i>		<i>Left Paracentral Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.731372 - 3.60515 (median=1.907115 mean=1.9000203 std=0.2695728)
7		Missing

Section A: Magnetic Resonance Imaging

<i>LT_PARAHIPPOCA MPAL</i>		<i>Left Parahippocampal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.756 - 5.989 (median=3.929 mean=3.9500 std=0.4421)
7		Missing

<i>LT_PARAHIPPOCA MPAL_MC</i>		<i>Left Parahippocampal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.13642 - 3.27273 (median=1.9283 mean=1.95319 std=0.26721)
7		Missing

<i>LT_PARS_OPERC ULARIS</i>		<i>Left Pars Opercularis Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.293 - 8.1841 (median=4.326 mean=4.3993 std=0.8286)
7		Missing

<i>LT_PARS_OPERC ULARIS_MC</i>		<i>Left Pars Opercularis Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.861167 - 3.60435 (median=1.989645 mean=2.0167356 std=0.3003139)
7		Missing

<i>LT_PARS_ORBITA LIS</i>		<i>Left Pars Orbitalis Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.034 - 3.9601 (median=2.0326 mean=2.07616 std=0.41776)
7		Missing

<i>LT_PARS_ORBITA LIS_MC</i>		<i>Left Pars Orbitalis Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.03775 - 4.43628 (median=2.065215 mean=2.1379337 std=0.4620901)
7		Missing

Section A: Magnetic Resonance Imaging

<i>LT_PARS_TRIANG ULARIS</i>		<i>Left Pars Triangularis Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.86 - 9.11845 (median=4.003595 mean=4.0852834 std=0.8528478)
7		Missing

<i>LT_PARS_TRIANG ULARIS_MC</i>		<i>Left Pars Triangularis Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.870818 - 3.66505 (median=1.93708 mean=2.005954 std=0.393731)
7		Missing

<i>LT_PERICALCARIN E</i>		<i>Left Pericalcarine Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.629 - 5.091 (median=2.571 mean=2.6250 std=0.5755)
7		Missing

<i>LT_PERICALCARIN E_MC</i>		<i>Left Pericalcarine Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.57259 - 3.27379 (median=1.259675 mean=1.3264158 std=0.3594018)
7		Missing

<i>LT_POSTCENTRAL</i>		<i>Left Postcentral Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	5.06311 - 15.805 (median=9.368035 mean=9.4514937 std=1.3663020)
7		Missing

<i>LT_POSTCENTRAL _MC</i>		<i>Left Postcentral Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.571101 - 2.63192 (median=1.470765 mean=1.5109682 std=0.2934881)
7		Missing

Section A: Magnetic Resonance Imaging

<i>LT_POSTERIOR_CINGULATE</i>		<i>Left Posterior Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.999 - 7.936 (median=4.009 mean=4.0494 std=0.6504)
7		Missing

<i>LT_POSTERIOR_CINGULATE_MC</i>		<i>Left Posterior Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.11899 - 3.50241 (median=2.40118 mean=2.419052 std=0.259937)
7		Missing

<i>LT_PRECENTRAL</i>		<i>Left Precentral Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	6.48138 - 21.297 (median=12.7905 mean=12.92094 std=1.73980)
7		Missing

<i>LT_PRECENTRAL_MC</i>		<i>Left Precentral Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.718693 - 2.84632 (median=1.810015 mean=1.8509989 std=0.2890808)
7		Missing

<i>LT_PRECUNEUS</i>		<i>Left Precuneus Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	4.658 - 15.207 (median=9.87885 mean=9.974378 std=1.374820)
7		Missing

<i>LT_PRECUNEUS_MC</i>		<i>Left Precuneus Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.22054 - 3.69521 (median=2.006125 mean=2.0499679 std=0.2731042)
7		Missing

Section A: Magnetic Resonance Imaging

<i>LT_ROSTRAL_ANTERIOR_CINGULATE</i>		<i>Left Rostral Anterior Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.356 - 6.88909 (median=3.3865 mean=3.46004 std=0.76058)
7		Missing

<i>LT_ROSTRAL_ANTERIOR_CINGULATE_MC</i>		<i>Left Rostral Anterior Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.833976 - 5.15754 (median=3.091085 mean=3.0863432 std=0.4321963)
7		Missing

<i>LT_ROSTRAL_MIDDLE_FRONTAL</i>		<i>Left Rostral Middle Frontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	5.516 - 17.0461 (median=10.0825 mean=10.20877 std=1.71412)
7		Missing

<i>LT_ROSTRAL_MIDDLE_FRONTAL_MC</i>		<i>Left Rostral Middle Frontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.81564 - 4.71612 (median=2.084925 mean=2.2207653 std=0.5464864)
7		Missing

<i>LT_SUPERIOR_FRONTAL</i>		<i>Left Superior Frontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	13.9378 - 34.183 (median=22.8385 mean=23.03129 std=2.94262)
7		Missing

<i>LT_SUPERIOR_FRONTAL_MC</i>		<i>Left Superior Frontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.186 - 3.69987 (median=2.31211 mean=2.346126 std=0.369424)
7		Missing

Section A: Magnetic Resonance Imaging

<i>LT_SUPERIOR_PARIETAL</i>		<i>Left Superior Parietal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	5.017 - 16.351 (median=10.47445 mean=10.537035 std=1.482290)
7		Missing

<i>LT_SUPERIOR_PARIETAL_MC</i>		<i>Left Superior Parietal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.893171 - 3.7829 (median=1.661595 mean=1.6897600 std=0.3439130)
7		Missing

<i>LT_SUPERIOR_TEMPORAL</i>		<i>Left Superior Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	9.30579 - 23.6879 (median=15.54 mean=15.671 std=1.970)
7		Missing

<i>LT_SUPERIOR_TEMPORAL_MC</i>		<i>Left Superior Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.00503 - 3.72889 (median=2.089405 mean=2.1338157 std=0.3965921)
7		Missing

<i>LT_SUPRAMARGINAL</i>		<i>Left Supramarginal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	6.39 - 17.8971 (median=10.92065 mean=11.049847 std=1.705847)
7		Missing

<i>LT_SUPRAMARGINAL_MC</i>		<i>Left Supramarginal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.904922 - 3.69306 (median=1.939345 mean=1.9734276 std=0.3962547)
7		Missing

Section A: Magnetic Resonance Imaging

<i>LT_TRANSVERSE_TEMPORAL</i>		<i>Left Transverse Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.334 - 1.96109 (median=0.931 mean=0.9538 std=0.2175)
7		Missing

<i>LT_TRANSVERSE_TEMPORAL_MC</i>		<i>Left Transverse Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.43318 - 3.00418 (median=1.74683 mean=1.759742 std=0.282908)
7		Missing

<i>MAGNETICFIELDS_TRENGTH</i>		<i>MRI Scanner Magnetic Field Strength (3 Tesla)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2667	Range	3 - 3 (median=3 mean=3.0 std=0.0)

<i>MANUFACTURER</i>		<i>MRI Scanner Manufacturer</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	Agfa	Agfa-Gevaert Group
1405	GE MEDICAL SYSTEMS	General Electric
105	Philips Medical Systems	Philips
501	Philips	Philips
282	Siemens	Siemens
371	SIEMENS	SIEMENS
1	Siemens Healthineers	Siemens Healthineers

Section A: Magnetic Resonance Imaging

MANUFACTURERS MODELNAME		MRI Scanner Model Name
N	Value	Description
1139	DISCOVER Y MR750	Discovery MR750
2	ClinApps	ClinApps from Agfa-Gevaert Group
105	Achieva	Achieva
266	DISCOVER Y MR750w	Discovery MR750w
501	Ingenia Elition X	Ingenia Elition X
283	MAGNETO M Vida	Magnetom Vida
371	Prisma	Prisma

OCCIPITAL_CORTI CAL_GRAY		Segmented Cortical Occipital Lobe Gray Matter Volume (cm**3)
N	Value	Description
2660	Range	35.799 - 93.399 (median=59.8999 mean=60.65407 std=8.48518)
7		Missing

PARIETAL_CORTIC AL_GRAY		Segmented Cortical Parietal Lobe Gray Matter Volume (cm**3)
N	Value	Description
2660	Range	64.309 - 143.912 (median=97.1792 mean=97.95298 std=10.71157)
7		Missing

RT_CAUDAL_ANTE RIOR_CINGULATE		Right Caudal Anterior Cingulate Gray Matter Volume (cm**3)
N	Value	Description
2660	Range	0.441 - 3.712 (median=1.716 mean=1.7370 std=0.5395)
7		Missing

RT_CAUDAL_ANTE RIOR_CINGULATE _MC		Right Caudal Anterior Cingulate Mean Cortical Thickness (mm)
N	Value	Description
2660	Range	0.594872 - 4.28354 (median=2.68018 mean=2.662037 std=0.424108)
7		Missing

Section A: Magnetic Resonance Imaging

<i>RT_CAUDAL_MIDD LE_FRONTAL</i>		<i>Right Caudal Middle Frontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.884 - 11.042 (median=5.919 mean=5.9966 std=1.1272)
7		Missing

<i>RT_CAUDAL_MIDD LE_FRONTAL_MC</i>		<i>Right Caudal Middle Frontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.878787 - 3.77413 (median=2.026165 mean=2.0514847 std=0.4214153)
7		Missing

<i>RT_CUNEUS</i>		<i>Right Cuneus Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.903 - 8.29314 (median=4.418915 mean=4.4923041 std=0.8232685)
7		Missing

<i>RT_CUNEUS_MC</i>		<i>Right Cuneus Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.757605 - 3.75475 (median=1.54591 mean=1.630057 std=0.354910)
7		Missing

<i>RT_ENTORHINAL</i>		<i>Right Entorhinal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.153 - 6.31 (median=4.019 mean=4.0595 std=0.5782)
7		Missing

<i>RT_ENTORHINAL_ MC</i>		<i>Right Entorhinal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.919964 - 5.78894 (median=3.747575 mean=3.7287133 std=0.5291749)
7		Missing

<i>RT_FUSIFORM</i>		<i>Right Fusiform Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	4.49 - 12.047 (median=7.6185 mean=7.68993 std=1.05488)
7		Missing

Section A: Magnetic Resonance Imaging

<i>RT_FUSIFORM_MC</i>		<i>Right Fusiform Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.5137 - 4.2649 (median=2.531305 mean=2.5656590 std=0.4347266)
7		Missing

<i>RT_HIPPO</i>		<i>Segmented Rt Hippocampus Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.941 - 4.602 (median=3.138715 mean=3.1553111 std=0.3853647)
7		Missing

<i>RT_INFERIOR_PARIETAL</i>		<i>Right Inferior Parietal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	6.537 - 20.7004 (median=12.3425 mean=12.37931 std=1.92738)
7		Missing

<i>RT_INFERIOR_PARIETAL_MC</i>		<i>Right Inferior Parietal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.860333 - 4.23232 (median=1.902015 mean=1.9937128 std=0.5633554)
7		Missing

<i>RT_INFERIOR_TEMPORAL</i>		<i>Right Inferior Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	6.59121 - 17.694 (median=10.64395 mean=10.731733 std=1.484931)
7		Missing

<i>RT_INFERIOR_TEMPORAL_MC</i>		<i>Right Inferior Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.2515 - 5.45056 (median=2.576625 mean=2.6825259 std=0.7186798)
7		Missing

<i>RT_INSULA</i>		<i>Right Insula Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.052 - 9.489 (median=6.024 mean=6.0654 std=0.6932)
7		Missing

Section A: Magnetic Resonance Imaging

<i>RT_INSULA_MC</i>		<i>Right Insula Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.21086 - 4.94418 (median=3.156215 mean=3.1817872 std=0.4315213)
7		Missing

<i>RT_ISTHMUS_CINGULATE</i>		<i>Right Isthmus Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.389 - 4.757 (median=2.539335 mean=2.5824193 std=0.4577820)
7		Missing

<i>RT_ISTHMUS_CINGULATE_MC</i>		<i>Right Isthmus Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.23734 - 3.40459 (median=2.409305 mean=2.4217789 std=0.2529993)
7		Missing

<i>RT_LATERALVENT</i>		<i>Segmented Rt Lateral Ventricle Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.015 - 69.333 (median=7.9165 mean=9.61212 std=6.12090)
7		Missing

<i>RT_LATERAL_OCCIPITAL</i>		<i>Right Lateral Occipital Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	5.592 - 18.5719 (median=10.326 mean=10.4552 std=1.9737)
7		Missing

<i>RT_LATERAL_OCCIPITAL_MC</i>		<i>Right Lateral Occipital Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.966863 - 4.3329 (median=1.849635 mean=2.0543313 std=0.6526285)
7		Missing

Section A: Magnetic Resonance Imaging

<i>RT_LATERAL_ORB_ITOFRONTAL</i>		<i>Right Lateral Orbitofrontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	5.252 - 12.7933 (median=8.141 mean=8.2193 std=1.0514)
7		Missing

<i>RT_LATERAL_ORB_ITOFRONTAL_MC</i>		<i>Right Lateral Orbitofrontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.04103 - 4.24622 (median=2.160445 mean=2.2641107 std=0.5430997)
7		Missing

<i>RT_LINGUAL</i>		<i>Right Lingual Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	4.113 - 12.353 (median=6.8355 mean=6.95779 std=1.14233)
7		Missing

<i>RT_LINGUAL_MC</i>		<i>Right Lingual Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.930947 - 3.83272 (median=1.78194 mean=1.872128 std=0.466874)
7		Missing

<i>RT_MEDIAL_ORBIT_OFONTAL</i>		<i>Right Medial Orbitofrontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.21444 - 7.74874 (median=4.5495 mean=4.60136 std=0.71191)
7		Missing

<i>RT_MEDIAL_ORBIT_OFONTAL_MC</i>		<i>Right Medial Orbitofrontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.819137 - 4.15835 (median=2.25307 mean=2.286254 std=0.422730)
7		Missing

Section A: Magnetic Resonance Imaging

<i>RT_MIDDLE_TEMP ORAL</i>		<i>Right Middle Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	8.08454 - 19.1692 (median=12.5335 mean=12.65410 std=1.69297)
7		Missing

<i>RT_MIDDLE_TEMP ORAL_MC</i>		<i>Right Middle Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.19953 - 4.66603 (median=2.36844 mean=2.441053 std=0.557511)
7		Missing

<i>RT_PARACENTRA L</i>		<i>Right Paracentral Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.494 - 7.77244 (median=4.3935 mean=4.44586 std=0.75264)
7		Missing

<i>RT_PARACENTRA L_MC</i>		<i>Right Paracentral Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.818814 - 3.44298 (median=1.853225 mean=1.8552487 std=0.2485476)
7		Missing

<i>RT_PARAHIPPOCA MPAL</i>		<i>Right Parahippocampal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.80968 - 6.36421 (median=4.041 mean=4.0752 std=0.4660)
7		Missing

<i>RT_PARAHIPPOCA MPAL_MC</i>		<i>Right Parahippocampal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.12424 - 2.98236 (median=2.02868 mean=2.042807 std=0.259073)
7		Missing

Section A: Magnetic Resonance Imaging

<i>RT_PARS_OPERC ULARIS</i>		<i>Right Pars Opercularis Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.18 - 7.664 (median=4.381405 mean=4.4276655 std=0.8242832)
7		Missing

<i>RT_PARS_OPERC ULARIS_MC</i>		<i>Right Pars Opercularis Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.756251 - 3.53359 (median=1.900625 mean=1.9316458 std=0.4168214)
7		Missing

<i>RT_PARS_ORBITA LIS</i>		<i>Right Pars Orbitalis Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.831 - 3.735 (median=1.78 mean=1.807 std=0.383)
7		Missing

<i>RT_PARS_ORBITA LIS_MC</i>		<i>Right Pars Orbitalis Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.625965 - 4.12121 (median=1.8369 mean=1.97138 std=0.60890)
7		Missing

<i>RT_PARS_TRIANG ULARIS</i>		<i>Right Pars Triangularis Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.89719 - 7.56622 (median=3.94811 mean=4.017394 std=0.834651)
7		Missing

<i>RT_PARS_TRIANG ULARIS_MC</i>		<i>Right Pars Triangularis Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.573587 - 4.96626 (median=1.798305 mean=1.8441339 std=0.5257064)
7		Missing

Section A: Magnetic Resonance Imaging

<i>RT_PERICALCARI NE</i>		<i>Right Pericalcarine Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.779 - 4.932 (median=2.744 mean=2.7722 std=0.5601)
7		Missing

<i>RT_PERICALCARI NE_MC</i>		<i>Right Pericalcarine Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.509252 - 3.06637 (median=1.395465 mean=1.4299996 std=0.3383192)
7		Missing

<i>RT_POSTCENTRA L</i>		<i>Right Postcentral Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	4.803 - 16.388 (median=9.194835 mean=9.2860975 std=1.4131029)
7		Missing

<i>RT_POSTCENTRA L_MC</i>		<i>Right Postcentral Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.78631 - 2.68364 (median=1.415805 mean=1.4657607 std=0.3287015)
7		Missing

<i>RT_POSTERIOR_C INGULATE</i>		<i>Right Posterior Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	2.029 - 6.957 (median=3.739065 mean=3.7834356 std=0.6099895)
7		Missing

<i>RT_POSTERIOR_C INGULATE_MC</i>		<i>Right Posterior Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.50094 - 3.609 (median=2.56178 mean=2.570311 std=0.268363)
7		Missing

Section A: Magnetic Resonance Imaging

<i>RT_PRECENTRAL</i>		<i>Right Precentral Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	7.355 - 18.3941 (median=11.7227 mean=11.89801 std=1.59042)
7		Missing

<i>RT_PRECENTRAL_MC</i>		<i>Right Precentral Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.00618 - 3.03415 (median=1.732855 mean=1.7824194 std=0.3297092)
7		Missing

<i>RT_PRECUNEUS</i>		<i>Right Precuneus Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	6.021 - 14.5533 (median=9.4879 mean=9.60096 std=1.27904)
7		Missing

<i>RT_PRECUNEUS_MC</i>		<i>Right Precuneus Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.25107 - 3.9032 (median=2.07209 mean=2.089563 std=0.229470)
7		Missing

<i>RT_ROSTRAL_ANTERIOR_CINGULATE</i>		<i>Right Rostral Anterior Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.816 - 5.13738 (median=2.2485 mean=2.31377 std=0.57518)
7		Missing

<i>RT_ROSTRAL_ANTERIOR_CINGULATE_MC</i>		<i>Right Rostral Anterior Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.747266 - 4.64904 (median=2.957545 mean=2.9406946 std=0.4655977)
7		Missing

Section A: Magnetic Resonance Imaging

<i>RT_ROSTRAL_MID DLE_FRONTAL</i>		<i>Right Rostral Middle Frontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	5.902 - 18.1972 (median=10.00505 mean=10.208940 std=1.785956)
7		Missing

<i>RT_ROSTRAL_MID DLE_FRONTAL_M C</i>		<i>Right Rostral Middle Frontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.673393 - 4.66443 (median=1.963615 mean=2.0760881 std=0.6662357)
7		Missing

<i>RT_SUPERIOR_FR ONTAL</i>		<i>Right Superior Frontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	14.862 - 38.439 (median=24.6885 mean=24.92928 std=3.23764)
7		Missing

<i>RT_SUPERIOR_FR ONTAL_MC</i>		<i>Right Superior Frontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.03202 - 3.56133 (median=2.301555 mean=2.3326526 std=0.4079132)
7		Missing

<i>RT_SUPERIOR_PA RIETAL</i>		<i>Right Superior Parietal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	5.94 - 17.368 (median=10.924 mean=10.9958 std=1.6092)
7		Missing

<i>RT_SUPERIOR_PA RIETAL_MC</i>		<i>Right Superior Parietal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.688578 - 3.88798 (median=1.64754 mean=1.673044 std=0.322247)
7		Missing

Section A: Magnetic Resonance Imaging

<i>RT_SUPERIOR_TEMPORAL</i>		<i>Right Superior Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	8.73877 - 20.966 (median=13.486 mean=13.5919 std=1.7215)
7		Missing

<i>RT_SUPERIOR_TEMPORAL_MC</i>		<i>Right Superior Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	1.14473 - 3.93613 (median=2.05521 mean=2.133554 std=0.473060)
7		Missing

<i>RT_SUPRAMARGINAL</i>		<i>Right Supramarginal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	5.089 - 15.211 (median=8.8335 mean=8.90309 std=1.47593)
7		Missing

<i>RT_SUPRAMARGINAL_MC</i>		<i>Right Supramarginal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.777391 - 3.54055 (median=1.784725 mean=1.8154400 std=0.4542326)
7		Missing

<i>RT_TRANSVERSE_TEMPORAL</i>		<i>Right Transverse Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.377957 - 1.884 (median=0.898 mean=0.9267 std=0.2271)
7		Missing

<i>RT_TRANSVERSE_TEMPORAL_MC</i>		<i>Right Transverse Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.686629 - 3.35709 (median=1.779785 mean=1.7789769 std=0.2678826)
7		Missing

Section A: Magnetic Resonance Imaging

<i>STATUS</i>		<i>Analysis Status</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	Missing FLAIR	Missing FLAIR
12	Unanalyzable	Unanalyzable
2653		Missing

<i>TEMPORAL_CORTICAL_GRAY</i>		<i>Segmented Temporal Lobe Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	80.138 - 167.371 (median=118.2675 mean=119.18872 std=12.49454)
7		Missing

<i>THIRDVENT</i>		<i>Segmented Total Third Ventricle Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	0.219 - 3.81077 (median=0.8408455 mean=0.93045854 std=0.42163820)
7		Missing

<i>TOTAL_BRAIN</i>		<i>Total Brain Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	931.223 - 1813.76 (median=1328.345 mean=1341.7245 std=130.8028)
7		Missing

<i>TOTAL_CSF</i>		<i>Total Brain Cerebrospinal Fluid Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	182.045 - 579.809 (median=299.9545 mean=305.37431 std=47.34959)
7		Missing

<i>TOTAL_GRAY</i>		<i>Total Brain Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	415.015 - 859.231 (median=583.9185 mean=588.75154 std=56.82080)
7		Missing

<i>TOTAL_WHITE</i>		<i>Total Brain White Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2660	Range	245.676 - 652.554 (median=441.8715 mean=444.95264 std=57.97761)
7		Missing

Section A: Magnetic Resonance Imaging**Structural Imaging - Repeat: FORM CODE=INCA_MRI_REPEAT_STRUC VERSION=1**

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
84	Present	Text suppressed

<i>DATE</i>		<i>Date of Brain MRI Scan</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
84	Range	01/19/2022 - 08/25/2022

<i>CEREBRUMV2_GR AY</i>		<i>Total Cerebrum Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	403.606 - 621.956 (median=481.985 mean=484.9285 std=45.3923)
1		Missing

<i>CEREBRUMV2_TC B</i>		<i>Total Cerebrum Brain Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	736.171 - 1118.16 (median=876.576 mean=875.7484 std=87.3185)
1		Missing

<i>CEREBRUMV2_TC C</i>		<i>Total Cerebrum Cerebrospinal Fluid Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	185.253 - 413.573 (median=276.395 mean=280.5212 std=49.9676)
1		Missing

<i>CEREBRUMV2_TC V</i>		<i>Total Cerebrum Cranial Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	933.457 - 1524.53 (median=1145.09 mean=1156.270 std=122.275)
1		Missing

<i>CEREBRUMV2_WH ITE</i>		<i>Total Cerebrum White Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	298.852 - 495.98 (median=384.289 mean=386.6957 std=44.8696)
1		Missing

Section A: Magnetic Resonance Imaging

<i>CEREBRUMV2_W MH</i>		<i>Total Cerebrum White Matter Hyperintensity Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.037 - 52.804 (median=1.236 mean=4.1244 std=8.0013)
1		Missing

<i>DT1_QC</i>		<i>3DT1 Quality Control</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
81	Good	Good
2	Fair	Fair
1	Unanalyzable	Unanalyzable

<i>FLAIR_QC</i>		<i>FLAIR Quality Control</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
84	Good	Good

<i>FRONTAL_CORTICAL_GRAY</i>		<i>Segmented Cortical Frontal Lobe Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	137.871 - 229.072 (median=166.959 mean=169.3665 std=17.9756)
1		Missing

<i>HIPPO</i>		<i>Segmented Total Hippocampi Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	4.785 - 8.014 (median=6.073 mean=6.1461 std=0.6589)
1		Missing

<i>LATERALVENT</i>		<i>Segmented Total Lateral Ventricle Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	7.73 - 70.77 (median=22.948 mean=25.9313 std=14.9510)
1		Missing

Section A: Magnetic Resonance Imaging

<i>LT_CAUDAL_ANTI RIOR_CINGULATE</i>		<i>Left Caudal Anterior Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.688 - 5.568 (median=3.18 mean=3.182 std=0.782)
1		Missing

<i>LT_CAUDAL_ANTI RIOR_CINGULATE _MC</i>		<i>Left Caudal Anterior Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.59089 - 3.38226 (median=2.59781 mean=2.561972 std=0.318669)
1		Missing

<i>LT_CAUDAL_MIDD LE_FRONTAL</i>		<i>Left Caudal Middle Frontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.68 - 6.375 (median=4.382 mean=4.4204 std=0.8123)
1		Missing

<i>LT_CAUDAL_MIDD LE_FRONTAL_MC</i>		<i>Left Caudal Middle Frontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.53574 - 2.63395 (median=2.11331 mean=2.098933 std=0.209548)
1		Missing

<i>LT_CUNEUS</i>		<i>Left Cuneus Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.659 - 7.698 (median=4.428 mean=4.5125 std=0.9840)
1		Missing

<i>LT_CUNEUS_MC</i>		<i>Left Cuneus Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.834082 - 2.54725 (median=1.36255 mean=1.414462 std=0.292180)
1		Missing

Section A: Magnetic Resonance Imaging

<i>LT_ENTORHINAL</i>		<i>Left Entorhinal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.654 - 5.333 (median=4.139 mean=4.1332 std=0.5087)
1		Missing

<i>LT_ENTORHINAL_MC</i>		<i>Left Entorhinal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.47905 - 4.23252 (median=3.45252 mean=3.395486 std=0.384255)
1		Missing

<i>LT_FUSIFORM</i>		<i>Left Fusiform Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	6.209 - 12.21 (median=8.867 mean=8.9150 std=1.2868)
1		Missing

<i>LT_FUSIFORM_MC</i>		<i>Left Fusiform Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.43346 - 3.56322 (median=2.08734 mean=2.209173 std=0.448591)
1		Missing

<i>LT_HIPPO</i>		<i>Segmented Lt Hippocampus Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.413 - 4.138 (median=3.107 mean=3.1039 std=0.3577)
1		Missing

<i>LT_INFERIOR_PAR IETAL</i>		<i>Left Inferior Parietal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	7.727 - 17.533 (median=10.919 mean=10.9277 std=1.8101)
1		Missing

<i>LT_INFERIOR_PAR IETAL_MC</i>		<i>Left Inferior Parietal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.265 - 3.29767 (median=1.9094 mean=1.96254 std=0.38155)
1		Missing

Section A: Magnetic Resonance Imaging

<i>LT_INFERIOR_TEM PORAL</i>		<i>Left Inferior Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	6.451 - 12.469 (median=9.051 mean=9.1401 std=1.3090)
1		Missing

<i>LT_INFERIOR_TEM PORAL_MC</i>		<i>Left Inferior Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.42984 - 3.95749 (median=2.15812 mean=2.387999 std=0.601107)
1		Missing

<i>LT_INSULA</i>		<i>Left Insula Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	4.886 - 7.513 (median=5.875 mean=5.8643 std=0.6026)
1		Missing

<i>LT_INSULA_MC</i>		<i>Left Insula Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.56258 - 4.37106 (median=3.27563 mean=3.301933 std=0.337883)
1		Missing

<i>LT_ISTHMUS_CIN GULATE</i>		<i>Left Isthmus Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.628 - 3.533 (median=2.359 mean=2.4093 std=0.3785)
1		Missing

<i>LT_ISTHMUS_CIN GULATE_MC</i>		<i>Left Isthmus Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.76844 - 2.66446 (median=2.21186 mean=2.219938 std=0.220177)
1		Missing

<i>LT_LATERALVENT</i>		<i>Segmented Lt Lateral Ventricle Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	3.79 - 37.054 (median=12.489 mean=13.6220 std=8.0403)
1		Missing

Section A: Magnetic Resonance Imaging

<i>LT_LATERAL_OCCI PITAL</i>		<i>Left Lateral Occipital Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	6.413 - 13.964 (median=9.441 mean=9.6583 std=1.6219)
1		Missing

<i>LT_LATERAL_OCCI PITAL_MC</i>		<i>Left Lateral Occipital Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.988911 - 3.20537 (median=1.39399 mean=1.679597 std=0.592317)
1		Missing

<i>LT_LATERAL_ORBI TOFRONTAL</i>		<i>Left Lateral Orbitofrontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	6.138 - 10.09 (median=7.56 mean=7.641 std=0.825)
1		Missing

<i>LT_LATERAL_ORBI TOFRONTAL_MC</i>		<i>Left Lateral Orbitofrontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.51316 - 2.91571 (median=2.13454 mean=2.182645 std=0.320336)
1		Missing

<i>LT_LINGUAL</i>		<i>Left Lingual Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	3.487 - 9.798 (median=5.783 mean=5.9462 std=1.2520)
1		Missing

<i>LT_LINGUAL_MC</i>		<i>Left Lingual Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.852992 - 2.68384 (median=1.33482 mean=1.475463 std=0.450358)
1		Missing

Section A: Magnetic Resonance Imaging

<i>LT_MEDIAL_ORBIT OFONTAL</i>		<i>Left Medial Orbitofrontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.622 - 6.65 (median=4.142 mean=4.2703 std=0.7087)
1		Missing

<i>LT_MEDIAL_ORBIT OFONTAL_MC</i>		<i>Left Medial Orbitofrontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.73385 - 2.90041 (median=2.29932 mean=2.310577 std=0.227645)
1		Missing

<i>LT_MIDDLE_TEMP ORAL</i>		<i>Left Middle Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	8.53 - 18.547 (median=12.409 mean=12.4812 std=1.9003)
1		Missing

<i>LT_MIDDLE_TEMP ORAL_MC</i>		<i>Left Middle Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.64798 - 3.46916 (median=2.11247 mean=2.229090 std=0.429992)
1		Missing

<i>LT_PARACENTRAL</i>		<i>Left Paracentral Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.662 - 7.31 (median=4.381 mean=4.4709 std=0.7683)
1		Missing

<i>LT_PARACENTRAL _MC</i>		<i>Left Paracentral Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.12607 - 2.39601 (median=1.91802 mean=1.868157 std=0.274467)
1		Missing

Section A: Magnetic Resonance Imaging

<i>LT_PARAHIPPOCA MPAL</i>		<i>Left Parahippocampal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	3.104 - 5.056 (median=3.84 mean=3.861 std=0.423)
1		Missing

<i>LT_PARAHIPPOCA MPAL_MC</i>		<i>Left Parahippocampal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.505 - 2.45567 (median=1.80478 mean=1.817334 std=0.183661)
1		Missing

<i>LT_PARS_OPERC ULARIS</i>		<i>Left Pars Opercularis Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.624 - 6.682 (median=4.238 mean=4.3219 std=0.8224)
1		Missing

<i>LT_PARS_OPERC ULARIS_MC</i>		<i>Left Pars Opercularis Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.41482 - 2.4177 (median=1.95644 mean=1.955950 std=0.195495)
1		Missing

<i>LT_PARS_ORBITA LIS</i>		<i>Left Pars Orbitalis Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.293 - 3.768 (median=1.997 mean=2.0297 std=0.4213)
1		Missing

<i>LT_PARS_ORBITA LIS_MC</i>		<i>Left Pars Orbitalis Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.31951 - 3.34153 (median=1.9874 mean=2.06024 std=0.38978)
1		Missing

Section A: Magnetic Resonance Imaging

<i>LT_PARS_TRIANG ULARIS</i>		<i>Left Pars Triangularis Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.085 - 5.662 (median=3.81 mean=3.869 std=0.783)
1		Missing

<i>LT_PARS_TRIANG ULARIS_MC</i>		<i>Left Pars Triangularis Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.22166 - 3.07336 (median=1.89384 mean=1.891821 std=0.296573)
1		Missing

<i>LT_PERICALCARIN E</i>		<i>Left Pericalcarine Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.327 - 4.314 (median=2.368 mean=2.4738 std=0.5704)
1		Missing

<i>LT_PERICALCARIN E_MC</i>		<i>Left Pericalcarine Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.676147 - 1.65261 (median=1.08257 mean=1.114632 std=0.210845)
1		Missing

<i>LT_POSTCENTRAL</i>		<i>Left Postcentral Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	6.334 - 12.509 (median=9.353 mean=9.3356 std=1.3766)
1		Missing

<i>LT_POSTCENTRAL _MC</i>		<i>Left Postcentral Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.908945 - 1.84106 (median=1.42777 mean=1.418722 std=0.204124)
1		Missing

Section A: Magnetic Resonance Imaging

<i>LT_POSTERIOR_CINGULATE</i>		<i>Left Posterior Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.64 - 6.298 (median=3.864 mean=3.9449 std=0.7027)
1		Missing

<i>LT_POSTERIOR_CINGULATE_MC</i>		<i>Left Posterior Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.85374 - 2.89 (median=2.39837 mean=2.406847 std=0.230191)
1		Missing

<i>LT_PRECENTRAL</i>		<i>Left Precentral Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	9.221 - 18.01 (median=12.387 mean=12.7520 std=1.9363)
1		Missing

<i>LT_PRECENTRAL_MC</i>		<i>Left Precentral Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.25443 - 2.12529 (median=1.78442 mean=1.768633 std=0.177756)
1		Missing

<i>LT_PRECUNEUS</i>		<i>Left Precuneus Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	7.125 - 13.237 (median=9.643 mean=9.8061 std=1.2606)
1		Missing

<i>LT_PRECUNEUS_MC</i>		<i>Left Precuneus Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.56126 - 2.68511 (median=1.9439 mean=1.95179 std=0.18006)
1		Missing

Section A: Magnetic Resonance Imaging

<i>LT_ROSTRAL_ANTERIOR_CINGULATE</i>		<i>Left Rostral Anterior Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.02 - 5.312 (median=3.246 mean=3.3133 std=0.7183)
1		Missing

<i>LT_ROSTRAL_ANTERIOR_CINGULATE_MC</i>		<i>Left Rostral Anterior Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.17204 - 3.54586 (median=2.93761 mean=2.928268 std=0.359517)
1		Missing

<i>LT_ROSTRAL_MIDDLE_FRONTAL</i>		<i>Left Rostral Middle Frontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	6.663 - 14.693 (median=9.811 mean=9.9589 std=1.6866)
1		Missing

<i>LT_ROSTRAL_MIDDLE_FRONTAL_MC</i>		<i>Left Rostral Middle Frontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.38895 - 3.2148 (median=2.04757 mean=2.087804 std=0.339063)
1		Missing

<i>LT_SUPERIOR_FRONTAL</i>		<i>Left Superior Frontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	16.562 - 36.663 (median=22.139 mean=22.7283 std=3.3620)
1		Missing

<i>LT_SUPERIOR_FRONTAL_MC</i>		<i>Left Superior Frontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.68624 - 2.77661 (median=2.26832 mean=2.296577 std=0.241212)
1		Missing

Section A: Magnetic Resonance Imaging

<i>LT_SUPERIOR_PARIETAL</i>		<i>Left Superior Parietal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	7.764 - 13.81 (median=10.54 mean=10.573 std=1.276)
1		Missing

<i>LT_SUPERIOR_PARIETAL_MC</i>		<i>Left Superior Parietal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.11993 - 2.51903 (median=1.59541 mean=1.615699 std=0.256886)
1		Missing

<i>LT_SUPERIOR_TEMPORAL</i>		<i>Left Superior Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	11.477 - 18.35 (median=15.089 mean=15.0267 std=1.6714)
1		Missing

<i>LT_SUPERIOR_TEMPORAL_MC</i>		<i>Left Superior Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.41309 - 2.55972 (median=1.90588 mean=1.940699 std=0.305885)
1		Missing

<i>LT_SUPRAMARGINAL</i>		<i>Left Supramarginal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	7.353 - 14.678 (median=10.445 mean=10.7100 std=1.5714)
1		Missing

<i>LT_SUPRAMARGINAL_MC</i>		<i>Left Supramarginal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.38698 - 2.64249 (median=1.79833 mean=1.862952 std=0.310640)
1		Missing

Section A: Magnetic Resonance Imaging

<i>LT_TRANSVERSE_TEMPORAL</i>		<i>Left Transverse Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.504 - 1.473 (median=0.921 mean=0.9236 std=0.2011)
1		Missing

<i>LT_TRANSVERSE_TEMPORAL_MC</i>		<i>Left Transverse Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.16729 - 2.25305 (median=1.67554 mean=1.677532 std=0.227747)
1		Missing

<i>MAGNETICFIELDS_TRENGTH</i>		<i>MRI Scanner Magnetic Field Strength (3 Tesla)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
84	Range	3 - 3 (median=3 mean=3.0 std=0.0)

<i>MANUFACTURER</i>		<i>MRI Scanner Manufacturer</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
56	GE MEDICAL SYSTEMS	General Electric
28	Siemens	Siemens

<i>MANUFACTURERS_MODELNAME</i>		<i>MRI Scanner Model Name</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
56	DISCOVER Y MR750	Discovery MR750
28	MAGNETOM Vida	Magnetom Vida

<i>OCCIPITAL_CORTICAL_GRAY</i>		<i>Segmented Cortical Occipital Lobe Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	41.338 - 80.154 (median=57.524 mean=57.5242 std=8.1030)
1		Missing

Section A: Magnetic Resonance Imaging

<i>PARIETAL_CORTIC AL_GRAY</i>		<i>Segmented Cortical Parietal Lobe Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	78.331 - 119.782 (median=96.061 mean=96.4104 std=9.2174)
1		Missing

<i>RT_CAUDAL_ANTE RIOR_CINGULATE</i>		<i>Right Caudal Anterior Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.815 - 3.016 (median=1.845 mean=1.8435 std=0.5156)
1		Missing

<i>RT_CAUDAL_ANTE RIOR_CINGULATE _MC</i>		<i>Right Caudal Anterior Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.65435 - 3.52812 (median=2.79709 mean=2.733781 std=0.323901)
1		Missing

<i>RT_CAUDAL_MIDD LE_FRONTAL</i>		<i>Right Caudal Middle Frontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	4.033 - 10.704 (median=5.867 mean=5.9879 std=1.1709)
1		Missing

<i>RT_CAUDAL_MIDD LE_FRONTAL_MC</i>		<i>Right Caudal Middle Frontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.53852 - 2.6471 (median=2.04836 mean=2.025945 std=0.238978)
1		Missing

<i>RT_CUNEUS</i>		<i>Right Cuneus Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.682 - 6.41 (median=4.369 mean=4.3650 std=0.7549)
1		Missing

Section A: Magnetic Resonance Imaging

<i>RT_CUNEUS_MC</i>		<i>Right Cuneus Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.07111 - 2.31696 (median=1.44158 mean=1.483448 std=0.240884)
1		Missing

<i>RT_ENTORHINAL</i>		<i>Right Entorhinal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.803 - 5.279 (median=3.922 mean=3.9942 std=0.5364)
1		Missing

<i>RT_ENTORHINAL_MC</i>		<i>Right Entorhinal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.48092 - 4.9173 (median=3.59399 mean=3.629079 std=0.429041)
1		Missing

<i>RT_FUSIFORM</i>		<i>Right Fusiform Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	4.572 - 10.59 (median=7.564 mean=7.5109 std=1.0424)
1		Missing

<i>RT_FUSIFORM_MC</i>		<i>Right Fusiform Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.69071 - 3.49667 (median=2.38027 mean=2.404366 std=0.347796)
1		Missing

<i>RT_HIPPO</i>		<i>Segmented Rt Hippocampus Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.287 - 3.876 (median=2.997 mean=3.0423 std=0.3402)
1		Missing

<i>RT_INFERIOR_PARIETAL</i>		<i>Right Inferior Parietal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	7.541 - 18.248 (median=11.746 mean=11.8783 std=1.8382)
1		Missing

Section A: Magnetic Resonance Imaging

<i>RT_INFERIOR_PARIETAL_MC</i>		<i>Right Inferior Parietal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.15977 - 2.96955 (median=1.76342 mean=1.876190 std=0.425207)
1		Missing

<i>RT_INFERIOR_TEMPORAL_MP</i>		<i>Right Inferior Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	7.589 - 14.838 (median=10.214 mean=10.4907 std=1.4584)
1		Missing

<i>RT_INFERIOR_TEMPORAL_MC</i>		<i>Right Inferior Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.47749 - 4.56384 (median=2.30406 mean=2.491813 std=0.598091)
1		Missing

<i>RT_INSULA</i>		<i>Right Insula Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	4.885 - 7.401 (median=5.878 mean=5.9112 std=0.5698)
1		Missing

<i>RT_INSULA_MC</i>		<i>Right Insula Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.55119 - 3.76695 (median=3.07328 mean=3.122476 std=0.302147)
1		Missing

<i>RT_ISTHMUS_CINGULATE</i>		<i>Right Isthmus Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.472 - 3.961 (median=2.497 mean=2.5187 std=0.4671)
1		Missing

Section A: Magnetic Resonance Imaging

<i>RT_ISTHMUS_CINGULATE_MC</i>		<i>Right Isthmus Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.61086 - 3.08387 (median=2.32459 mean=2.325362 std=0.258147)
1		Missing

<i>RT_LATERALVENT</i>		<i>Segmented Rt Lateral Ventricle Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	3.727 - 33.71 (median=10.592 mean=12.3085 std=7.1193)
1		Missing

<i>RT_LATERAL_OCCIPITAL</i>		<i>Right Lateral Occipital Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	5.679 - 14.63 (median=9.595 mean=9.8128 std=1.7616)
1		Missing

<i>RT_LATERAL_OCCIPITAL_MC</i>		<i>Right Lateral Occipital Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.10595 - 3.03665 (median=1.65898 mean=1.809453 std=0.474332)
1		Missing

<i>RT_LATERAL_ORBITOFRONTAL</i>		<i>Right Lateral Orbitofrontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	5.821 - 11.006 (median=7.972 mean=8.0742 std=0.9470)
1		Missing

<i>RT_LATERAL_ORBITOFRONTAL_MC</i>		<i>Right Lateral Orbitofrontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.44057 - 3.0612 (median=2.03871 mean=2.169990 std=0.428017)
1		Missing

Section A: Magnetic Resonance Imaging

<i>RT_LINGUAL</i>		<i>Right Lingual Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	4.73 - 9.393 (median=6.789 mean=6.7911 std=1.0682)
1		Missing

<i>RT_LINGUAL_MC</i>		<i>Right Lingual Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.882862 - 2.51581 (median=1.58803 mean=1.667391 std=0.348556)
1		Missing

<i>RT_MEDIAL_ORBIT OFRONTAL</i>		<i>Right Medial Orbitofrontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.854 - 5.96 (median=4.222 mean=4.2992 std=0.6213)
1		Missing

<i>RT_MEDIAL_ORBIT OFRONTAL_MC</i>		<i>Right Medial Orbitofrontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.07711 - 2.70453 (median=2.21699 mean=2.154749 std=0.294569)
1		Missing

<i>RT_MIDDLE_TEMP ORAL</i>		<i>Right Middle Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	9.295 - 18.326 (median=12.254 mean=12.3790 std=1.5159)
1		Missing

<i>RT_MIDDLE_TEMP ORAL_MC</i>		<i>Right Middle Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.20559 - 3.40791 (median=2.18688 mean=2.251930 std=0.454698)
1		Missing

Section A: Magnetic Resonance Imaging

<i>RT_PARACENTRAL L</i>		<i>Right Paracentral Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.734 - 6.204 (median=4.295 mean=4.3433 std=0.6442)
1		Missing

<i>RT_PARACENTRAL L_MC</i>		<i>Right Paracentral Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.06396 - 2.47762 (median=1.81309 mean=1.803220 std=0.277803)
1		Missing

<i>RT_PARAHIPPOCA MPAL</i>		<i>Right Parahippocampal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	3.136 - 5.094 (median=3.959 mean=3.9787 std=0.4503)
1		Missing

<i>RT_PARAHIPPOCA MPAL_MC</i>		<i>Right Parahippocampal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.49784 - 2.66409 (median=1.91555 mean=1.920627 std=0.209297)
1		Missing

<i>RT_PARS_OPERC ULARIS</i>		<i>Right Pars Opercularis Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	3.004 - 6.441 (median=4.153 mean=4.2588 std=0.7184)
1		Missing

<i>RT_PARS_OPERC ULARIS_MC</i>		<i>Right Pars Opercularis Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.42077 - 2.57322 (median=1.83158 mean=1.854082 std=0.250934)
1		Missing

Section A: Magnetic Resonance Imaging

<i>RT_PARS_ORBITA LIS</i>		<i>Right Pars Orbitalis Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.868 - 2.663 (median=1.74 mean=1.738 std=0.345)
1		Missing

<i>RT_PARS_ORBITA LIS_MC</i>		<i>Right Pars Orbitalis Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.813672 - 3.11435 (median=1.70565 mean=1.808952 std=0.486277)
1		Missing

<i>RT_PARS_TRIANG ULARIS</i>		<i>Right Pars Triangularis Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.669 - 6.54 (median=3.825 mean=3.9143 std=0.8123)
1		Missing

<i>RT_PARS_TRIANG ULARIS_MC</i>		<i>Right Pars Triangularis Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.04973 - 2.54321 (median=1.74534 mean=1.763954 std=0.384743)
1		Missing

<i>RT_PERICALCARI NE</i>		<i>Right Pericalcarine Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.382 - 4.111 (median=2.535 mean=2.5766 std=0.5421)
1		Missing

<i>RT_PERICALCARI NE_MC</i>		<i>Right Pericalcarine Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.738658 - 1.73758 (median=1.24116 mean=1.227281 std=0.208313)
1		Missing

Section A: Magnetic Resonance Imaging

<i>RT_POSTCENTRAL_L</i>		<i>Right Postcentral Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	6.335 - 13.405 (median=8.81359 mean=9.072465 std=1.215546)
1		Missing

<i>RT_POSTCENTRAL_L_MC</i>		<i>Right Postcentral Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.864406 - 1.79042 (median=1.38368 mean=1.381325 std=0.182894)
1		Missing

<i>RT_POSTERIOR_CINGULATE</i>		<i>Right Posterior Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.472 - 6.509 (median=3.672 mean=3.7286 std=0.6464)
1		Missing

<i>RT_POSTERIOR_CINGULATE_MC</i>		<i>Right Posterior Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	2.04686 - 3.22069 (median=2.59857 mean=2.630829 std=0.282884)
1		Missing

<i>RT_PRECENTRAL</i>		<i>Right Precentral Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	8.109 - 14.852 (median=11.362 mean=11.4551 std=1.4598)
1		Missing

<i>RT_PRECENTRAL_MC</i>		<i>Right Precentral Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.29344 - 2.0091 (median=1.67443 mean=1.666787 std=0.176287)
1		Missing

Section A: Magnetic Resonance Imaging

<i>RT_PRECUNEUS</i>		<i>Right Precuneus Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	6.702 - 12.574 (median=9.239 mean=9.4253 std=1.2664)
1		Missing

<i>RT_PRECUNEUS_MC</i>		<i>Right Precuneus Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.74667 - 2.46713 (median=2.05178 mean=2.070550 std=0.161930)
1		Missing

<i>RT_ROSTRAL_ANTERIOR_CINGULATE</i>		<i>Right Rostral Anterior Cingulate Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.255 - 3.496 (median=2.18 mean=2.222 std=0.530)
1		Missing

<i>RT_ROSTRAL_ANTERIOR_CINGULATE_MC</i>		<i>Right Rostral Anterior Cingulate Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.09454 - 3.49736 (median=2.81449 mean=2.803374 std=0.339932)
1		Missing

<i>RT_ROSTRAL_MIDDLE_FRONTAL</i>		<i>Right Rostral Middle Frontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	6.743 - 15.19 (median=9.846 mean=9.9472 std=1.5320)
1		Missing

<i>RT_ROSTRAL_MIDDLE_FRONTAL_MC</i>		<i>Right Rostral Middle Frontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.21611 - 3.07512 (median=1.87079 mean=1.980288 std=0.466839)
1		Missing

Section A: Magnetic Resonance Imaging

<i>RT_SUPERIOR_FR ONTAL</i>		<i>Right Superior Frontal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	17.922 - 35.966 (median=24.674 mean=24.9847 std=3.4705)
1		Missing

<i>RT_SUPERIOR_FR ONTAL_MC</i>		<i>Right Superior Frontal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.76978 - 2.90649 (median=2.25486 mean=2.284515 std=0.256262)
1		Missing

<i>RT_SUPERIOR_PA RIETAL</i>		<i>Right Superior Parietal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	7.879 - 13.796 (median=11.155 mean=10.9684 std=1.3879)
1		Missing

<i>RT_SUPERIOR_PA RIETAL_MC</i>		<i>Right Superior Parietal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.05528 - 2.28924 (median=1.63566 mean=1.635403 std=0.204873)
1		Missing

<i>RT_SUPERIOR_TE MPORAL</i>		<i>Right Superior Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	10.598 - 18.812 (median=13.035 mean=13.0955 std=1.5278)
1		Missing

<i>RT_SUPERIOR_TE MPORAL_MC</i>		<i>Right Superior Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.3368 - 2.91498 (median=1.82189 mean=1.947256 std=0.389484)
1		Missing

Section A: Magnetic Resonance Imaging

<i>RT_SUPRAMARGI NAL</i>		<i>Right Supramarginal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	6.236 - 11.779 (median=8.814 mean=8.8593 std=1.2390)
1		Missing

<i>RT_SUPRAMARGI NAL_MC</i>		<i>Right Supramarginal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1.1575 - 2.46907 (median=1.70226 mean=1.765958 std=0.343320)
1		Missing

<i>RT_TRANSVERSE_ TEMPORAL</i>		<i>Right Transverse Temporal Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.446 - 1.688 (median=0.83 mean=0.859 std=0.233)
1		Missing

<i>RT_TRANSVERSE_ TEMPORAL_MC</i>		<i>Right Transverse Temporal Mean Cortical Thickness (mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.703545 - 2.35931 (median=1.69002 mean=1.693619 std=0.284111)
1		Missing

<i>STATUS</i>		<i>Analysis Status</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	Unanalyzable	Unanalyzable
83		Missing

<i>TEMPORAL_CORTI CAL_GRAY</i>		<i>Segmented Temporal Lobe Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	96.244 - 146.272 (median=114.07 mean=115.639 std=11.053)
1		Missing

Section A: Magnetic Resonance Imaging

<i>THIRDVENT</i>		<i>Segmented Total Third Ventricle Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	0.407 - 2.682 (median=0.982 mean=1.0703 std=0.4396)
1		Missing

<i>TOTAL_BRAIN</i>		<i>Total Brain Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	1094.55 - 1769.47 (median=1329.4 mean=1338.50 std=135.92)
1		Missing

<i>TOTAL_CSF</i>		<i>Total Brain Cerebrospinal Fluid Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	231.897 - 473.779 (median=325.866 mean=329.0662 std=54.7577)
1		Missing

<i>TOTAL_GRAY</i>		<i>Total Brain Gray Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	473.636 - 746.611 (median=564.404 mean=572.9543 std=54.5566)
1		Missing

<i>TOTAL_WHITE</i>		<i>Total Brain White Matter Volume (cm**3)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
83	Range	341.424 - 550.466 (median=424.522 mean=432.3527 std=49.4188)
1		Missing

Section A: Magnetic Resonance Imaging

Diffusion Tensor Imaging: FORM CODE=INCA_MRI_DTI VERSION=1

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2651	Present	Text suppressed

<i>DATE</i>		<i>Date of Diffusion Tensor Imaging Exam</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2651	Range	05/31/2018 - 08/31/2022

<i>BVALUES</i>		<i>Number of Diffusion Volumes for Each Bvalue</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2651	Present	Text suppressed

<i>FA</i>		<i>Fractional Anisotropy Computed Within Voxels</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2651	Range	0.37136 - 0.606566 (median=0.502148 mean=0.5021280 std=0.0200350)

<i>FW</i>		<i>Free Water Fraction Computed Within Voxels</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2651	Range	0.122964 - 0.402916 (median=0.201716 mean=0.2075385 std=0.0379224)

<i>PSMD</i>		<i>Peak Skeletonized Mean Diffusivity Values</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2651	Range	0.000163905 - 0.000775324 (median=0.000269822 mean=0.0002827747 std=0.0000608748)

Section A: Magnetic Resonance Imaging

Diffusion Tensor Imaging - Repeat: FORM CODE=INCA_MRI_REPEAT_DTI VERSION=1

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
84	Present	Text suppressed

<i>DATE</i>		<i>Date of Diffusion Tensor Imaging Exam</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
84	Range	01/19/2022 - 08/25/2022

<i>BVALUES</i>		<i>Number of Diffusion Volumes for Each Bvalue</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
84	Present	Text suppressed

<i>FA</i>		<i>Fractional Anisotropy Computed Within Voxels</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
84	Range	0.433896 - 0.529153 (median=0.4994055 mean=0.49475762 std=0.01857527)

<i>FW</i>		<i>Free Water Fraction Computed Within Voxels</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
84	Range	0.162536 - 0.383078 (median=0.227497 mean=0.2381610 std=0.0422702)

<i>PSMD</i>		<i>Peak Skeletonized Mean Diffusivity Values</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
84	Range	0.000197445 - 0.000662745 (median=0.0002931825 mean=0.00032421225 std=0.00010209262)

Section A: Magnetic Resonance Imaging

Diffusion Tensor Imaging Fibers: FORM CODE=INCA_MRI_FDTI VERSION=1

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
71577	Present	Text suppressed

<i>DATE</i>		<i>Date of Diffusion Tensor Imaging Exam</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
71577	Range	05/31/2018 - 08/31/2022

<i>FA_TRACT</i>		<i>Fractional Anisotropy Computed Within Voxels</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
71577	Range	0.022542 - 0.861398 (median=0.560912 mean=0.5739569 std=0.0938464)

Section A: Magnetic Resonance Imaging

FIBERNAME		Fiber Name From Johns Hopkins University Atlas
N	Value	Description
2651	Anterior_corona_radiata	Anterior corona radiata
2651	Anterior_limb_of_internal_capsule	Anterior limb of internal capsule
2651	Body_of_corpus_callosum	Body of corpus callosum
2651	Cerebral_peduncle	Cerebral peduncle
2651	Cingulum_(cingulate_gyrus)	Cingulum (cingulate gyrus)
2651	Cingulum_(hippocampus)	Cingulum (hippocampus)
2651	Corticospinal_tract	Corticospinal tract
2651	External_capsule	External capsule
2651	Fornix_(column_and_body_of_fornix)	Fornix (column and body of fornix)
2651	Fornix_(crest)/_Stria_terminalis	Fornix (crest) / Stria terminalis
2651	Genu_of_corpus_callosum	Genu of corpus callosum
2651	Inferior_cerebellar_peduncle	Inferior cerebellar peduncle
2651	Medial_lemniscus	Medial lemniscus
2651	Middle_cerebellar_peduncle	Middle cerebellar peduncle
2651	Pontine_crossing_tract_(a_part_of_MCP)	Pontine crossing tract
2651	Posterior_corona_radiata	Posterior corona radiata
2651	Posterior_limb_of_internal_capsule	Posterior limb of internal capsule

Section A: Magnetic Resonance Imaging

<i>FIBERNAME</i>		<i>Fiber Name From Johns Hopkins University Atlas</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2651	Posterior_thalamic_radiation_(include_optic_radiation)	Posterior thalamic radiation
2651	Retrolenticular_part_of_internal_capsule	Retrolenticular part of internal capsule
2651	Sagittal_stratum_(include_inferior_longitudinal_fasciculus_and_inferior_fronto-occipital_fasciculus)	Sagittal stratum
2651	Splenium_of_corpus_callosum	Splenium of corpus callosum
2651	Superior_cerebellar_peduncle	Superior cerebellar peduncle
2651	Superior_corona_radiata	Superior corona radiata
2651	Superior_fronto-occipital_fasciculus_(could_be_a_part_of_anterior_internal_capsule)	Superior fronto-occipital fasciculus
2651	Superior_longitudinal_fasciculus	Superior longitudinal fasciculus
2651	Tapetum	Tapetum
2651	Uncinate_fasciculus	Uncinate fasciculus

<i>FIBERNUMBER</i>		<i>Fiber Label From Johns Hopkins University Atlas</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
71577	Range	1 - 27 (median=14 mean=14.0 std=7.8)

Section A: Magnetic Resonance Imaging

<i>FW_TRACT</i>		<i>Free Water Fraction Computed Within Voxels</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
71577	Range	0.04931 - 0.999768 (median=0.195022 mean=0.2438303 std=0.1557023)

Section A: Magnetic Resonance Imaging

Diffusion Tensor Imaging Fibers - Repeat: FORM CODE=INCA_MRI_REPEAT_FDTI VERSION=1

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2268	Present	Text suppressed

<i>DATE</i>		<i>Date of Diffusion Tensor Imaging Exam</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2268	Range	01/19/2022 - 08/25/2022

<i>FA_TRACT</i>		<i>Fractional Anisotropy Computed Within Voxels</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2268	Range	0.211261 - 0.80852 (median=0.551413 mean=0.5637632 std=0.0950689)

Section A: Magnetic Resonance Imaging

FIBERNAME		Fiber Name From Johns Hopkins University Atlas
N	Value	Description
84	Anterior_corona_radiata	Anterior corona radiata
84	Anterior_limb_of_internal_capsule	Anterior limb of internal capsule
84	Body_of_corpus_callosum	Body of corpus callosum
84	Cerebral_peduncle	Cerebral peduncle
84	Cingulum_(cingulate_gyrus)	Cingulum (cingulate gyrus)
84	Cingulum_(hippocampus)	Cingulum (hippocampus)
84	Corticospinal_tract	Corticospinal tract
84	External_capsule	External capsule
84	Fornix_(column_and_body_of_fornix)	Fornix (column and body of fornix)
84	Fornix_(crest)/_Stria_terminalis	Fornix (crest) / Stria terminalis
84	Genu_of_corpus_callosum	Genu of corpus callosum
84	Inferior_cerebellar_peduncle	Inferior cerebellar peduncle
84	Medial_lemniscus	Medial lemniscus
84	Middle_cerebellar_peduncle	Middle cerebellar peduncle
84	Pontine_crossing_tract_(a_part_of_MCP)	Pontine crossing tract
84	Posterior_corona_radiata	Posterior corona radiata
84	Posterior_limb_of_internal_capsule	Posterior limb of internal capsule

Section A: Magnetic Resonance Imaging

<i>FIBERNAME</i>		<i>Fiber Name From Johns Hopkins University Atlas</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
84	Posterior_thalamic_radiation_(include_optic_radiation)	Posterior thalamic radiation
84	Retrolecticular_part_of_internal_capsule	Retrolecticular part of internal capsule
84	Sagittal_stratum_(include_inferior_longitudinal_fasciculus_and_inferior_fronto-occipital_fasciculus)	Sagittal stratum
84	Splenium_of_corpus_callosum	Splenium of corpus callosum
84	Superior_cerebellar_peduncle	Superior cerebellar peduncle
84	Superior_corona_radiata	Superior corona radiata
84	Superior_fronto-occipital_fasciculus_(could_be_a_part_of_anterior_internal_capsule)	Superior fronto-occipital fasciculus
84	Superior_longitudinal_fasciculus	Superior longitudinal fasciculus
84	Tapetum	Tapetum
84	Uncinate_fasciculus	Uncinate fasciculus

<i>FIBERNUMBER</i>		<i>Fiber Label From Johns Hopkins University Atlas</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2268	Range	1 - 27 (median=14 mean=14.0 std=7.8)

Section A: Magnetic Resonance Imaging

<i>FW_TRACT</i>		<i>Free Water Fraction Computed Within Voxels</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2268	Range	0.088366 - 0.981507 (median=0.2247005 mean=0.27634570 std=0.16777377)

Section A: Magnetic Resonance Imaging

Cumulative Strokes: FORM CODE=INCA_MRI_STROKE VERSION=1

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2800	Present	Text suppressed

<i>DATE</i>		<i>Date of Brain MRI Scan</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2800	Range	05/31/2018 - 08/31/2022

<i>CVA_NUMBER</i>		<i>Cerebrovascular Accident Number</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2800	Range	0 - 13 (median=0 mean=0.2 std=1.0)

Section A: Magnetic Resonance Imaging

CVA_LOCATION		Cerebrovascular Accident Location
N	Value	Description
1	ACA TERRITOR Y	ACA Territory
50	BASAL GANGLIA	Basal Ganglia
8	BRAIN STEM	Brain Stem
17	CAUDATE	Caudate
34	CEREBELL UM	Cerebellum
3	EXTERNAL CAPSULE	External Capsule
27	FRONTAL CORTEX	Frontal Cortex
72	FRONTAL WHITE MATTER	Frontal White Matter
1	Insula	Insula
2	INTERNAL CAPSULE	Internal Capsule
15	MCA TERRITOR Y	MCA Territory
10	OCCIPITAL CORTEX	Occipital Cortex
4	OCCIPITAL WHITE MATTER	Occipital White Matter
19	PARIETAL CORTEX	Parietal Cortex
20	PARIETAL WHITE MATTER	Parietal White Matter
3	PCA TERRITOR Y	PCA Territory
6	TEMPORAL CORTEX	Temporal Cortex
5	TEMPORAL WHITE MATTER	Temporal White Matter
14	THALAMUS	Thalamus
1	WATERSH ED	Watershed
2488		Missing

Section A: Magnetic Resonance Imaging

<i>CVA_TYPE</i>		<i>Cerebrovascular Accident Type</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
309	THROMBOSIS	Thrombosis
3	HEMORRHAGE	Hemorrhage
4	UNANALYZABLE	Unanalyzable
2484		Missing

<i>SIDE</i>		<i>Side of Infarct</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
157	LEFT	Left
155	RIGHT	Right
2488		Missing

<i>SIZE</i>		<i>Size of Infarct</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
235	MICRO	Micro
24	LARGE	Large
53	SMALL	Small
2488		Missing

<i>XYZ</i>		<i>Image Space Location</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2800	Present	Text suppressed

Section A: Magnetic Resonance Imaging

Cumulative Strokes - Repeat: FORM CODE=INCA_MRI_REPEAT_STROKE VERSION=1

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
89	Present	Text suppressed

<i>DATE</i>		<i>Date of Brain MRI Scan</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
89	Range	01/19/2022 - 08/25/2022

<i>CVA_NUMBER</i>		<i>Cerebrovascular Accident Number</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
89	Range	0 - 5 (median=0 mean=0.2 std=0.8)

<i>CVA_LOCATION</i>		<i>Cerebrovascular Accident Location</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	BASAL GANGLIA	Basal Ganglia
4	FRONTAL WHITE MATTER	Frontal White Matter
1	MCA TERRITORY	MCA Territory
1	OCCIPITAL WHITE MATTER	Occipital White Matter
79		Missing

<i>CVA_TYPE</i>		<i>Cerebrovascular Accident Type</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10	THROMBO SIS	Thrombosis
79		Missing

<i>SIDE</i>		<i>Side of Infarct</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	LEFT	Left
8	RIGHT	Right
79		Missing

Section A: Magnetic Resonance Imaging

SIZE		Size of Infarct
<i>N</i>	<i>Value</i>	<i>Description</i>
7	MICRO	Micro
1	LARGE	Large
2	SMALL	Small
79		Missing

XYZ		Image Space Location
<i>N</i>	<i>Value</i>	<i>Description</i>
89	Present	Text suppressed

Section A: Magnetic Resonance Imaging

Cerebral Microbleeds: FORM CODE=INCA_MRI_CMB VERSION=1

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2537	Present	Text suppressed

<i>ANYCMB</i>		<i>Any Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2232	0	Absent
288	1	Present
17		Missing

<i>LOBARCMB</i>		<i>Any Lobar Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2315	0	Absent
205	1	Present
17		Missing

<i>NUMLOBAR</i>		<i>Number of Lobar Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2520	Range	0 - 27 (median=0 mean=0.2 std=1.0)
17		Missing

<i>MIXEDCMB</i>		<i>Any Mixed Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2486	0	Absent
34	1	Present
17		Missing

<i>NUMMIXED</i>		<i>Number of Mixed Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2520	Range	0 - 45 (median=0 mean=0.1 std=1.3)
17		Missing

Section A: Magnetic Resonance Imaging

<i>DEEPCMB</i>		<i>Any Deep Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2466	0	Absent
54	1	Present
17		Missing

<i>NUMDEEP</i>		<i>Number of Deep Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2520	Range	0 - 34 (median=0 mean=0.1 std=0.8)
17		Missing

<i>DEEPANDMIXED</i>		<i>Deep Plus Mixed Cerebral Microbleeds Locations</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2433	0	Absent
87	1	Present
17		Missing

<i>LOBARANDMIXED</i>		<i>Lobar Plus Mixed Cerebral Microbleeds Locations</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2283	0	Absent
237	1	Present
17		Missing

<i>COMMENTS</i>		<i>Comments</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
17	Present	Text suppressed
2520		Missing

Section A: Magnetic Resonance Imaging

Cerebral Microbleeds - Repeat: FORM CODE=INCA_MRI_REPEAT_CMB VERSION=1

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
80	Present	Text suppressed

<i>ANYCMB</i>		<i>Any Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
67	0	Absent
11	1	Present
2		Missing

<i>LOBARCMB</i>		<i>Any Lobar Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
71	0	Absent
7	1	Present
2		Missing

<i>NUMLOBAR</i>		<i>Number of Lobar Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
78	Range	0 - 7 (median=0 mean=0.3 std=1.1)
2		Missing

<i>MIXEDCMB</i>		<i>Any Mixed Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
77	0	Absent
1	1	Present
2		Missing

<i>NUMMIXED</i>		<i>Number of Mixed Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
78	Range	0 - 32 (median=0 mean=0.4 std=3.6)
2		Missing

Section A: Magnetic Resonance Imaging

<i>DEEPCMB</i>		<i>Any Deep Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
75	0	Absent
3	1	Present
2		Missing

<i>NUMDEEP</i>		<i>Number of Deep Cerebral Microbleeds</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
78	Range	0 - 25 (median=0 mean=0.4 std=2.8)
2		Missing

<i>DEEPANDMIXED</i>		<i>Deep Plus Mixed Cerebral Microbleeds Locations</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
74	0	Absent
4	1	Present
2		Missing

<i>LOBARANDMIXED</i>		<i>Lobar Plus Mixed Cerebral Microbleeds Locations</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
70	0	Absent
8	1	Present
2		Missing

<i>COMMENTS</i>		<i>Comments</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	Present	Text suppressed
78		Missing

Section A: Participant Alerts

MRI Alerts Notification: FORM CODE=MAN VERSION=1

ID		HCHS Participant ID
N	Value	Description
227	Present	Text suppressed

MAN0A		Date MRI Alert Reported
N	Value	Description
227	Range	08/22/2018 - 11/02/2022

MAN2		Date of Receipt of MRI
N	Value	Description
227	Range	08/13/2018 - 09/26/2022

MAN3A		Large Cerebral Aneurysm
N	Value	Description
220	0	No
7	1	Yes

MAN3B		Intracranial Mass
N	Value	Description
225	0	No
2	1	Yes

MAN3C		Multiple Hemorrhages
N	Value	Description
227	0	No

MAN3D		Extracranial Mass
N	Value	Description
227	0	No

MAN3E		Evidence of Obstructive Hydrocephalus
N	Value	Description
227	0	No

Section A: Participant Alerts

<i>MAN3F</i>		<i>Other Critical Result</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
215	0	No
12	1	Yes

<i>MAN3F1</i>		<i>Other Critical Result Specified</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12	Present	Text suppressed
215	~	Legitimately skipped

<i>MAN4</i>		<i>Incidental Findings</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12	0	No
214	1	Yes
1		Missing

<i>MAN4A</i>		<i>Description of Incidental Findings</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
214	Present	Text suppressed
13	~	Legitimately skipped

<i>MAN4a_notelogs</i>		<i>Detailed Description of Incidental Findings</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
214	Present	Text suppressed
13		Missing

<i>MAN5</i>		<i>Date of Reading</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
227	Range	08/15/2018 - 10/10/2022

Section A: Participant Alerts

MRI Alerts Notification - Repeat: FORM CODE=MAN_REPEAT VERSION=1

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	Present	Text suppressed

<i>MAN0A</i>		<i>Date MRI Alert Reported</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	Range	10/12/2022 - 10/12/2022

<i>MAN2</i>		<i>Date of Receipt of MRI</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	Range	04/11/2022 - 07/06/2022

<i>MAN3A</i>		<i>Large Cerebral Aneurysm</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	0	No

<i>MAN3B</i>		<i>Intracranial Mass</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	0	No

<i>MAN3C</i>		<i>Multiple Hemorrhages</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	0	No

<i>MAN3D</i>		<i>Extracranial Mass</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	0	No

<i>MAN3E</i>		<i>Evidence of Obstructive Hydrocephalus</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	0	No

<i>MAN3F</i>		<i>Other Critical Result</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	0	No

Section A: Participant Alerts

<i>MAN3F1</i>		<i>Other Critical Result Specified</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	~	Legitimately skipped

<i>MAN4</i>		<i>Incidental Findings</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	1	Yes

<i>MAN4A</i>		<i>Description of Incidental Findings</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	Present	Text suppressed

<i>MAN4a_notelogs</i>		<i>Detailed Description of Incidental Findings</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	Present	Text suppressed

<i>MAN5</i>		<i>Date of Reading</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11	Range	04/25/2022 - 07/18/2022

Section A: Participant Derived File

INCA MRI Participant Derived File: FORM CODE=INCA_MRI_PART_DERV VERSION=1

<i>WEIGHT_EXPANDED_INCAMRI</i>		<i>INCA MRI Census 2010 Calibrated, Trimmed, Nonresponse Adjusted Weights</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2791	Range	8.1048762116 - 3346.5899588 (median=63.051407682 mean=94.4428520244 std=127.2846030068)

<i>WEIGHT_NORM_CENTER_INCAMRI</i>		<i>INCA MRI Center Normalized, Census 2010 Calibrated, Trimmed, Nonresponse Adjusted Weights</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2791	Range	0.1052719497 - 26.574706553 (median=0.6368983335 mean=1.0000000000 std=1.18414178127)

<i>WEIGHT_NORM_OVERALL_INCAMRI</i>		<i>INCA MRI Overall Normalized, Census 2010 Calibrated, Trimmed, Nonresponse Adjusted Weights</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2791	Range	0.0858177833 - 35.435079384 (median=0.6676143968 mean=1.0000000000 std=1.34774205012)

<i>ID</i>		<i>HCHS Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2791	Present	Text suppressed

<i>CONSENT_INCAMRI</i>		<i>MRI Consent</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2791	1	Yes

<i>SCAN_PERFORMED_INCAMRI</i>		<i>MRI Scan Performed</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
123	0	No
2668	1	Yes

<i>SCAN_DATE_INCA_MRI</i>		<i>MRI Scan Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2668	Range	05/31/2018 - 08/31/2022
123		Missing

Section A: Participant Derived File

<i>AGE_INCAMRI</i>		<i>Age at MRI scan (yrs)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2668	Range	35 - 85 (median=63 mean=62.4 std=9.2)
123		Missing

<i>AGEGROUP_C2_INCAMRI</i>		<i>2-level grouped age of participant at MRI scan</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
260	1	Ages 49 and younger
2408	2	Ages 50+
123		Missing