UDSv4 Digital Voice Metadata Dictionary

Data variable / var_name	Description / question	Will be required on future dVoice metadata form / missingness	Field Type / data_type	CONFORMITY: What values/ranges/characters, etc. are allowed for this field? / conformity	Response labels / response_labels	Notes / notes
ADCID	Center ID	Always	Integer	List of current ADCIDs	List of current ADCIDs	Use your Center ID. Valid codes are available here: https://naccdata.org/center-ids
PTID	Unique identifier assigned to each participant by the ADRC site, format varies per ADRC.	Always	String	String with max length of 10 characters		Follow your Center's Patient ID scheme; use same ID as in MDS, if subject is enrolled in MDS.
NACCID	NACC identifier assigned to each participant. This is different from the PTID. Each ADC ID and PTID maps to a specific NACCID.	No	String	10 digit alpha numeric code beginning with "NACC"		Providing additional ID data may help with catching ID errors
GUID	NIA GUID: https://nda.nih.gov/nda/using-the-nda-guid	No	String	Alphanumeric string (can include underscores) up to 20 characters		Providing additional ID data may help with catching ID errors
ACCESSION	Data files that are given accession numbers allow a unique mapping from identifying information to the file.	No	String	Format varies per ADRC		Providing additional unique identifier may help with mapping files to individual tests
VISITDATE	Visit Date	Always	Date	mm/dd/yyyy or yyyy/mm/dd		
VISITNUM	Visit Number	Always	String	Any text		Can be determined by Center. The Center may use its existing visit number scheme. It is not required to start with 1.
COGTEST_MOCA	Cognitive test recordings are being uploaded - MoCA	No	Integer	Integer 1 or blank		
TIMESTAMP_MOCA	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
COGTEST_MOCB	Cognitive test recordings are being uploaded - MoCA Blind	No	Integer	Integer 1 or blank		
TIMESTAMP_MOCB	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
COGTEST_CRAFT	Cognitive test recordings are being uploaded - Craft Story 21 Recall (Immediate & Delayed)	No	Integer	Integer 1 or blank		
TIMESTAMP_CRAFT	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
COGTEST_BENSON	Cognitive test recordings are being uploaded - Benson Complex Figure Copy & Recall	No	Integer	Integer 1 or blank		
TIMESTAMP_BENSON	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
COGTEST_NUMSPAN	Cognitive test recordings are being uploaded - Number Span Test: Forward & Backward	No	Integer	Integer 1 or blank		
TIMESTAMP_NUMSPAN	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
COGTEST_CATFLUE	Cognitive test recordings are being uploaded - Category Fluency (Animals & Vegetables)	No	Integer	Integer 1 or blank		
TIMESTAMP_CATFLUE	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
COGTEST_TRAIL	Cognitive test recordings are being uploaded - Trail Making Test Part A & B	No	Integer	Integer 1 or blank		
TIMESTAMP_TRAIL	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
COGTEST_OTRAIL	Cognitive test recordings are being uploaded - Oral Trail Making Test Part A & B	No	Integer	Integer 1 or blank		
TIMESTAMP_OTRAIL	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
COGTEST_VERBFLUE	Cognitive test recordings are being uploaded - Verbal Fluency: Phonemic Test	No	Integer	Integer 1 or blank		
TIMESTAMP_VERBFLUE	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
COGTEST_RAVLT	Cognitive test recordings are being uploaded - Rey Auditory Verbal Learning (Immediate & Delayed)	No	Integer	Integer 1 or blank		
TIMESTAMP_RAVLT	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
COGTEST_CERAD	Cognitive test recordings are being uploaded - CERAD Verbal Learning (Immediate & Delayed)	No	Integer	Integer 1 or blank		
TIMESTAMP_CERAD	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
COGTEST_MINT	Cognitive test recordings are being uploaded - Multilingual Naming Test (MINT)	No	Integer	Integer 1 or blank		
TIMESTAMP_MINT	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
COGTEST_VNT	Cognitive test recordings are being uploaded - Verbal Naming Test	No	Integer	Integer 1 or blank		
TIMESTAMP_VNT	Timestamps for selected cognitive test if voice recording contains more than one test per file.	No	Integer	HHMMSS		*Required if cog-test in question = 1
MASK	Whether the participant and/or interviewer were wearing masks	Always	Integer	Integers 1-4, 9	1, Interviewer|2, Participant|3, Both interviewer and participant|4, Neither|9, Unknown/missing	

Data variable	Description	Required if pre-processing data	Field Type	CONFORMITY: What values/ranges/characters, etc. are allowed for this field?	Response labels	Notes
VISITLOCATION	The setting in which the recording took place	Always	Integer	Integers 1-5, 9	1, In clinic |2, In person at home |3, Phone |4, Video|5, Other |9, Unknown	
RECENVIRONMENT	Description of environment (dedicated room with acoustic foam, naturalistic outdoor recording, etc.)	Always	Integer	Integers 1-4, 9	1, Dedicated testing room with acoustic foam and/or other sound proofing|2, Naturalistic indoor recording|3, Naturalistic outdoor recording|4, Other|9, Unknown	
MICROPHONELOCATION	The location of the microphone during the audio recording	Always	Integer	Integers 1-3	1,Far-field (more than 4 ft away)|2, Mid-field (between 1-4ft away)|3, Close-talking setting (within 1 ft)	
DEVICEMANUF	Make of device used to collect digital voice recording	Always	String	Any text		Example: Zoom H4N recorder
DEVICEMODEL	Model of device used to collect digital voice recording	Always	String	Any text		Example: Zoom H4N recorder
RECORDINGSUBJS	Whose voice is included on the recording?	Always	String	Integers 1-3	1, Participant|2, Both participant and administrator|3, Participant, administrator, and others	
RECORDINGCHANNEL	Number of recording channels (mono or stereo) in digital voice recording	No	Integer	Integers 1-2	1, Single channel|2, Multi-channel	Data can be pulled from recording header if recording is in WAV format
RECORDINGPARTCPTS	Number of participants present during the audio recording	No	Integer	Integers 1-5	1,Three|2, Four|3, Five |4,Six|5, More than six	*Required if 3 or more subjects are present on the recording
SAMPLINGRATE	Sampling rate	No	Integer	Integers 1-4	1, 16kHz *minimum required* | 2, Between 17kHz and 47kHz| 3, 48kHz *preferred* |4, Above 48kHz	Data can be pulled from recording header if recording is in WAV format
FILENAME	Name of audio recording following recommended naming convention	No	String	TEST_NACCID_DATE	TEST_NACCID_DATE	

IF SITE IS PERFORMING POST-PROCESSING ON DIGITAL VOICE DATA BEFORE UPLOADING TO NACC

Data variable	Description	Required if pre-processing data	Field Type	CONFORMITY: What values/ranges/characters, etc. are allowed for this field?	Response labels	Notes
var_name	question	missingness	data_type	conformity	response_labels	notes
PIIPHIREMOVED	Whether spoken PII/PHI was removed or not by ADRC	Always	Integer	Integers 0-1, 9	0, No|1, Yes|9, Unknown	
RECORDINGSPLICED	Whether recording was spliced	Always	Integer	Integers 0-1, 9	0, No|1, Yes|9, Unknown	
PROCESSDATE	Date post data collection processing was done, PHI removed, splicing, QC done, etc.	Always	Date	mm/dd/yyyy or yyyy/mm/dd		
PROGRAM	Name of software/program used to perform PHI scrubbing and/or QC	Always	String	Any text		Example: Audacity version 3.6.1
QC	Type of quality check performed on digital voice recording	Always	Integer	Integers 1-5, 9	1, Supervisor review|2, Peer review|3, Intra-review|4, Data integrity|5, None|9, Unknown/missing	
QCPASS	Whether voice recording passed QC or not	Always	Integer	Integers 0-1, 9	0, Fail|1, Pass|9, Missing/unknown	
QCFAIL	Why QC failed, if failed	Conditional	String	Any text		