

Introduction:

For a corpus to be listed here:

- 1) it must contain multiple speakers,
- 2) the distinction between the speakers must have been verified through some reliable method independent of the application of speaker recognition technology, and
- 3) the corpus must contain at least two recordings of some target speakers collected at different times or under different conditions.

Information about each corpus is acquired from various sources including conference proceedings, online databases, and open-source research. Speaker recognition-related conditions which are accounted for by each corpus are marked via the colored column headers (i.e. if a corpus contains conversational speech the "conversation" box is checked). Reference publications and web pages are linked for each corpus where applicable.

Requests for adding, updating, or removing information in this document may be submitted via email to speakerrecognitionosac@gmail.com.

Column Guide (B-U):

The columns indicating whether a corpus accounts for a certain characteristic are checked based on the following criteria:

Corpus Name: The official corpus name as it should appear in the corpus itself and in reference publications about the corpus. Note that corpus citation practice is not well enforced so corpora are not always correctly cited or even mentioned using their official name.

ID: Some identification number or code that can be used to acquire or cite the corpus. This could be a DOI, ISLNRN/ISBN, or local number in the catalog of the data center hosting the corpus.

Manager: The person responsible for researching corpus characteristics and creating this entry (row).

Availability: Notes concerning the availability of the corpus, currently lacking a controlled vocabulary because we don't know the range of values. Examples: Publicly Available, Available upon Request, Available to a limited group of users, etc.

Reference Publication: Ideally a URL to but otherwise a citation of a reference corpus that described the corpus. The reference corpus is normally written by the corpus creators and by tradition may be cited rather than citing the corpus itself.

Conversation: Corpus contains conversational speech.

Other Elicitation (read, prompted): Corpus contains speech obtained by some elicitation method other than conversation; for example, it was read or prompted speech.

Vocal Effort (soft/whisper, shout, Lombard): Corpus contains, controls for, or covaries vocal effort for example by asking or inducing speakers to whisper, shout, etc.

Task Stress: Corpus contains, controls for, or covaries task stress, for example requires speaker perform some speaking task under time pressure or with distraction.

Physiology (illness, intoxication): Corpus contains, controls for, or covaries physiological states which might include illness or intoxication.

Emotion: Corpus contains, controls for, or covaries emotional state however defined.

Language/Dialect: Corpus contains, controls for, or covaries language or dialect.

Non-Native Speech: Corpus contains, controls for, or covaries instances in which speakers are speaking in a language that is not their first/native language.



Time (short or long term): Corpus contains, controls for, or covaries time meaning by including multiple recordings of speakers that vary by time regardless of whether time differences are short (e.g., days) or long (e.g., years).

Sex/Gender: Corpus contains, controls for, or covaries sex and/or gender, however defined.

Mic/Channel: Corpus contains, controls for, or covaries the use of different microphones and/or communication channels (e.g., broadband, telephone, two-way radio, etc).

Noise: Corpus contains, controls for, or covaries noise which could be presence or absence of environmental or channel noise, types of noise (white noise vs. crowd murmur) or levels or mixtures of noise.

Disguise, Spoofing, Synthetic: Corpus contains, controls for, or covaries speech containing attempts to disguise the speakers' identity — whether to avoid being recognized as themselves or to be recognized as specific other speakers — whether this is done synthetically or via human performance.

Other: Corpus contains, controls for, or covaries other features not encoded (e.g., too rare to encode) in its own column.

Corpora Relevant to Forensic Speaker Recognition

Corpus Name	ID	Manager	Availability	Reference Publication(s)	Conversation	Other Elicitation (read, prompted)	Vocal Effort (soft, whisper, shout, Lombard)	Task Stress	Physiology (illness, intoxication)	Emotion	Language/Dialect	Non-Native Speech	Time - Duration (short or long term)	Sex/Gender	Mic/Channel	Noise	Disguise, Spoofing, Synthetic	Other
1996 Speaker Recognition Benchmark	LDC96561	LDC																
1997 Speaker Recognition Benchmark	LDC99580	LDC																
1998 Speaker Recognition Benchmark	LDC98576	LDC																
1999 Speaker Recognition Benchmark	LDC99581	LDC																
2000 NIST Speaker Recognition Evaluation	LDC2001597	LDC																
2001 NIST Speaker Recognition Evaluation Corpus	LDC2002534	LDC																
2002 NIST Speaker Recognition Evaluation	LDC2004504	LDC																
2002 Rich Transcription Broadcast News and Conversational Telephone Speech	LDC2004511	LDC																
2003 NIST Speaker Recognition Evaluation	LDC2010503	LDC																
2004 NIST Speaker Recognition Evaluation	LDC2006544	LDC																
2004 Spring NIST Rich Transcription (RT-04S) Development Data	LDC2007511	LDC																
2004 Spring NIST Rich Transcription (RT-04S) Evaluation Data	LDC2007512	LDC																
2005 NIST Speaker Recognition Evaluation Test Data	LDC2011504	LDC									✓							
2005 NIST Speaker Recognition Evaluation Training Data	LDC2011501	LDC																
2005 Spring NIST Rich Transcription (RT-05S) Evaluation Set	LDC2011506	LDC																
2006 NIST Speaker Recognition Evaluation Test Set Part 1	LDC2011510	LDC																
2006 NIST Speaker Recognition Evaluation Test Set Part 2	LDC2012501	LDC																
2006 NIST Speaker Recognition Evaluation Training Set	LDC2011509	LDC																
2008 NIST Speaker Recognition Evaluation Supplemental Set	LDC2011511	LDC																
2008 NIST Speaker Recognition Evaluation Test Set	LDC2011508	LDC																
2008 NIST Speaker Recognition Evaluation Training Set Part 1	LDC2011505	LDC																
2008 NIST Speaker Recognition Evaluation Training Set Part 2	LDC2011507	LDC																
2010 NIST Speaker Recognition Evaluation Test Set	LDC2017506	LDC																
2016 NIST Speaker Recognition Evaluation Test Set	LDC2019520	LDC																
2018 NIST Speaker Recognition Evaluation Test Set - CTS	LDC2020504	LDC			✓											✓		
2019 NIST Speaker Recognition Evaluation Test Set - CTS	LDC2023503	LDC			✓											✓		
BRAMSHILL	LDC94520	LDC																
CHM150	LDC2016504	LDC																
CSLU: Apple Words and Phrases	LDC2007513	LDC																
CSLU: ISOLET Spoken Letter Database Version 1.3	LDC2008507	LDC																
CSLU: National Cellular Telephone Speech Release 2.3	LDC2008502	LDC																
CSLU: Spelled and Spoken Words	LDC2006515	LDC																
CSLU: Voices	LDC2006501	LDC																
CSLU: Yes/No Version 1.2	LDC2007505	LDC																
Czech Broadcast Conversation MDE Transcripts	LDC2009720	LDC																
Czech Broadcast Conversation Speech	LDC2009502	LDC																
First DIHARD Challenge Development - Eight Sources	LDC2019509	LDC																
First DIHARD Challenge Development - SEEDLingS	LDC2019510	LDC																
First DIHARD Challenge Evaluation - Nine Sources	LDC2019512	LDC																
First DIHARD Challenge Evaluation - SEEDLingS	LDC2019513	LDC										✓						
Greybeard	LDC2013505	LDC																
HTIMIT	LDC98567	LDC																
Hispanic-English Database	LDC2014505	LDC																
ICSI Meeting Speech	LDC2004502	LDC																
ISL Meeting Speech Part 1	LDC2004505	LDC																
ISL Meeting Transcripts Part 1	LDC2004T10	LDC																
Iraqi Arabic Conversational Telephone Speech	LDC2006545	LDC																
King Saud University Arabic Speech Database	LDC2014502	LDC																
KING Speaker Verification	LDC95522	LDC																

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LLHDB	LDC98568	LDC																	
Mixer 3 Speech	LDC2023S02	LDC			✓						✓								
Mixer 4 and 5 Speech	LDC2020S03	LDC					✓						✓						
Mixer 6 Speech	LDC2013S03	LDC																	
Multi-Channel WSJ Audio	LDC2014S03	LDC						✓											
N4 NATO Native and Non-Native Speech	LDC2006S13	LDC																	
Nautilus Speaker Characterization	LDC2018S17	LDC																	
NIST Meeting Pilot Corpus Speech	LDC2004S09	LDC																	
NIST Meeting Pilot Corpus Transcripts and Metadata	LDC2004T13	LDC																	
RATS Speaker Identification	LDC2021S08	LDC																	
Road Rally	LDC93S11	LDC																	
Russian through Switched Telephone Network (RuSTeN)	LDC2006S34	LDC			✓	✓							✓		✓		✓		
SPIDRE	LDC94S15	LDC																	
Switchboard Cellular Part 1 Audio	LDC2001S13	LDC																	✓
Switchboard Cellular Part 1 Transcribed Audio	LDC2001S15	LDC																	✓
Switchboard Cellular Part 1 Transcription	LDC2001T14	LDC																	✓
Switchboard Cellular Part 2 Audio	LDC2004S07	LDC																	
Switchboard-1 Release 2	LDC97S62	LDC																	
Switchboard-2 Phase I	LDC98S75	LDC																	
Switchboard-2 Phase II	LDC99S79	LDC									✓								
Switchboard-2 Phase III Audio	LDC2002S06	LDC									✓								
Tactical Speaker Identification Speech Corpus (TSID)	LDC99S83	LDC																	
TIMIT Acoustic-Phonetic Continuous Speech Corpus	LDC93S1	LDC									✓								
WTIMIT 1.0	LDC2010S02	LDC									✓								
YOHO Speaker Verification	LDC94S16	LDC									✓								
Australian English: 500+ speakers	AusEng500	Morrison																	
forensic_eval_01	forensic_eval_01	Morrison																	✓
Standard Chinese: 68 female speakers	Link	Morrison																	
Use and Utility of Localised Speech (TUULS)	UK Data Service Link	Gold	Free for Research Purposes		✓	✓		✓		✓									
West Yorkshire Regional English Database (WYRED)	UK Data Service Link	Gold	Free for Research Purposes		✓	✓	✓	✓		✓	✓								
Dynamic Variability in Speech (DyVIS)	UK Data Service Link	Gold	Free for Research Purposes		✓	✓	✓	✓		✓									
Call My Net (CMN)	LDC20XX (not yet published)	NIST																	
Call My Net (CMN) 2	LDC20XX (not yet published)	NIST																	
Video Annotation for Speech Technology (VAST)	LDC20XX (not yet published)	NIST																	
NIST SRE CTS Superset	LDC2021E08	NIST																	
ASVSpooof 2015	ASVSpooof 2015	https://www.asvspooof.org/		https://ieeexplore.ieee.org/document/7858696															✓
ASVSpooof 2017 V2	ASVSpooof 2017	https://www.asvspooof.org/		https://www.isca-speech.org/archive/Odyssey_2018/abstracts/66.html															✓
ASVSpooof 2019 Logical Attack	ASVSpooof 2019 LA	https://www.asvspooof.org/		https://arxiv.org/abs/1911.01601															✓
ASVSpooof 2019 Physical Attack	ASVSpooof 2019 PA	https://www.asvspooof.org/		https://arxiv.org/abs/1911.01601															✓
ASVSpooof 2021 Logical Attack	ASVSpooof 2021 LA	https://www.asvspooof.org/		https://arxiv.org/abs/2109.00535															✓
ASVSpooof 2021 Deep Fake	ASVSpooof 2021 DF	https://www.asvspooof.org/		https://arxiv.org/abs/2109.00535															✓
ASVSpooof 2021 Physical Attack	ASVSpooof 2021 PA	https://www.asvspooof.org/		https://arxiv.org/abs/2109.00535															✓
MIT Mobile Device Speaker Verification Corpus	https://groups.csail.mit.edu/sls/downloads/mdsvc/index.cgi			https://groups.csail.mit.edu/sls/publications/2006/Odyssey_2006_Woo.pdf															✓

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MOBILE BIOMETRICS (MOBIO) DATASET	https://www.idiap.ch/en/dataset/mobio			https://publications.idiap.ch/index.php/publications/show/2689														
RSR2015	https://www.a-star.edu.sg/enterprise/innovation-offerings/ready-to-sign-licenses/rsr2015-overview			https://maefabien.github.io/assets/litterature/databases/RSR.pdf														
NFI-FRIDA	Link	van der Vloed		https://www.isca-speech.org/archive/	✓					✓		✓	✓	✓	✓			✓
NFI-FRITS		van der Vloed		http://cs.uef.fi/odyssey2014/program	✓	✓			✓	✓	✓	✓	✓		✓			
Pool2010		Jessen	Upon request with signed consent form	Jessen, M., Köster, O. & Gfroerer, S. (✓	✓	✓			✓		✓						
SPEAKERS IN THE WILD (SITW)	SRI	SRI																
VOICES	SRI	SRI		https://arxiv.org/abs/1804.05053														
UTD-CRSS-Forensic	doi: 10.1109/TASLP.2021.3130975	UTDallas-CRSS		https://ieeexplore.ieee.org/document/961	✓		✓		✓							✓	✓	
UTD-CRSS-FARSI	UT-CRSS-FARSI.pdf	UTDallas-CRSS									✓							
UTD-CRSS-4EnglishAccent	doi: 10.21437/Interspeech.2018-1378; UT	UTDallas-CRSS		https://www.isca-speech.org/archive/interspeech2018/	✓						✓	✓						
UTD-Scope-Lombard	doi: 10.1109/AERO.2007.352975	UTDallas-CRSS		https://ieeexplore.ieee.org/document/	✓	✓	✓											✓
UTD-Scope-VocalEffort-I	UT-Scope-VocalEffortI.pdf	UTDallas-CRSS				✓	✓											
UTD-Scope-VocalEffort-II	UT-Scope-VocalEffort-II.pdf	UTDallas-CRSS				✓	✓											
UTD-Scope-Physical & Cognitive Stress	doi: 10.1109/AERO.2007.352975	UTDallas-CRSS		https://ieeexplore.ieee.org/document/411	✓	✓			✓									
UTDrive Core Database	doi: 10.1109/IVS.2007.4290175	UTDallas-CRSS		https://ieeexplore.ieee.org/document/	✓	✓												
UTD-Scope-CarNoise	UT-Scope-CarNoise.pdf	UTDallas-CRSS				✓	✓									✓	✓	
UTD CU-MOVE	doi: 10.21437/Eurospeech.2001-477	UTDallas-CRSS		https://www.isca-archiv.org/eurospeech/	✓	✓												
UTD-Singing Corpus	UTD-Singing Corpus.pdf	UTDallas-CRSS		https://doi.org/10.1121/10.0001526						✓								✓
UTD ACCENT-10	UTD ACCENT-10.pdf	UTDallas-CRSS				✓						✓						
UTD-ACCENT Corpus	UTD-ACCENT CORPUS.pdf	UTDallas-CRSS				✓						✓						
UTDallas-CRSS-1st48 Forensic Corpus	doi: 10.21437/Interspeech.2020-2868	UTDallas-CRSS		http://www.interspeech2020.org/up/	✓	✓	✓					✓						✓
MARP1	doi: 10.1109/TASLP.2016.2602542	UTDallas-CRSS		https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&number=7551215														
MARP2	AFRL	UTDallas-CRSS																
UTD Fearless Steps Challenge	doi: 10.21437/Interspeech.2019-2301	UTDallas-CRSS		https://www.isca-archiv.org/interspeech_2019/hansen19_interspeech.pdf														
UTD CRSS-Fearless Steps APOLLO corpus	2022.nidcp-1.3	UTDallas-CRSS		https://aclanthology.org/2022.nidcp-1.3.pdf														
MIT Mobile Device Corpus	doi:10.1109/ODYSSEY.2006.248083			https://ieeexplore.ieee.org/document/4013501	✓							✓		✓				
Gaudi				https://ieeexplore.ieee.org/abstract/document/888324														
AHUMADA	doi:10.1109/ICASSP.1998.675379			https://ieeexplore.ieee.org/abstract/document/	✓													
VOICES	arXiv: 1804.05053		Publicly Available	https://arxiv.org/abs/1804.05053														
Jukebox	arXiv: 2008.03507			https://arxiv.org/abs/2008.03507			✓			✓		✓						
VoxCeleb1	arXiv: 1806.05622																	✓
VoxCeleb2				https://arxiv.org/abs/1806.05622						✓								
ROSSI	AFRL																	
MultiRoom8	AFRL																	
NTIMIT	LDC9352			https://ieeexplore.ieee.org/document/115550						✓								
FFMTIMIT	LDC96532									✓								
CTIMIT	LDC96530			https://ieeexplore.ieee.org/document/479284						✓								
SIVA	ELRA-S0028			https://ieeexplore.ieee.org/abstract/document/	✓							✓						
Gandalf	doi: 10.1109/ICSLP.1996.608018			https://ieeexplore.ieee.org/abstract/document/	✓					✓		✓						✓
CSLU: Speaker Recognition Version 1.1	LDC2006S26			https://www.isca-speech.org/archive_v0/archive_papers/icslp_1998/i98								✓		✓				✓
PolyVar	ELRA-S0046					✓						✓						
STC Russian Speech Database	ELRA-S0050					✓						✓						
POLYCAST	ELRA-S0042			https://citeseerx.ist.psu.edu/viewdoc/dd	✓					✓	✓							

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RedDots Replayed	Link			https://ieeexplore.ieee.org/document/7953187														
THUYG-20 SRE	Link			https://ieeexplore.ieee.org/document/7357869														
DA-IICT	doi: 10.1109/ICAPR.2009.72			https://ieeexplore.ieee.org/document/47827														
RoDigits	Link			https://ieeexplore.ieee.org/document/8484814														
English Language Speech Database for Speaker Recognition (ELSDSR)	Link			https://www.researchgate.net/publication/311111111														
Bulgarian Language Speaker Recognition Data (BG-SRdat)				https://www.researchgate.net/profile/Atanas-Ouzounov/publication/228711111														
GlobalPhone 2000 Speaker Package	ELRA-S0400																	
JTubeSpeech	Link			https://arxiv.org/pdf/2112.09323.pdf														
Characterizing Individual Speakers (Chains)	Link			https://csppeech.ucd.ie/Fred/docs/chains														
Basque-Spanish Bilingual Database				http://www.lrec-conf.org/proceedings/lr4														
FABIOLE				http://www.lrec-conf.org/proceedings/lrec2016/pdf/35_Paper.pdf														
FSCSR Speech Corpus				https://ieeexplore.ieee.org/document/7772320														
CN-Celeb	Link			https://arxiv.org/abs/1911.01799														
Deepmine	Link			https://ieeexplore.ieee.org/document/9011111														
CryCeleb 2023	Link		Free (non-commercial)	https://arxiv.org/abs/2305.00969														
"In The Wild" Audio Deepfakes	Link		Free	https://arxiv.org/abs/2203.16263														
WaveFake	Link		Free	https://arxiv.org/abs/2111.02813														
MyST Children's Conversational Speech	LDC2021S05		Free															
kidLUCID	Link		Free															