

Name	Year	SL	Duration	#Videos	#Signers	Gloss	Text	Voc. Size	Spontaneity
RWTH-PHOENIX [1]	2014	DGS	12.5	386	9	Yes	Yes	1,081	Low
SIGNUM sentences [2]	2009	DGS	33.51	21,840	25	Yes	Yes	450	Low
Public DGS Corpus	2018	DGS	50	-	330	Yes	Yes	-	High
CUNY ASL [3]	2014	ASL	3.53	242	8	Yes	Yes	-	High
How2Sign [4]	2021	ASL	79.12	2,529	13	Yes*	Yes	16,609	Average
RWTH-BOSTON-104 [5]	2007	ASL	-	201	3	Yes	No	168	-
BSL Corpus [6]	2011	BSL	125	-	249	Yes	Yes	5,000	High
BBC BOBSL	2021	BSL	1,467	1,962	39	-	-	-	Average
DictaSign V2 LSF [7]	2020	LSF	8.00	207	18	Yes	No	2,252	High
MEDIAPI-SKEL [8]	2020	LSF	27	368	>100	No	Yes	-	Average
GSL20 [9]	2020	GSL	9.59	10,290	7	Yes	No	310	Low
Video-Based CSL [10]	2018	CSL	100	3500	50	No	Yes	178	Low
KETI [11]	2019	KSL	27.99	14,672	14	Yes	Yes	105	Low
Corpus LFSB [12]	2016	LSFB	12.00	2,400	100	Yes	Part.	2,500	High
SWISSTXT-RAW [13]	2021	DSGS	12.15	181	100	Yes	Part.	2,500	High

Table 1: Continuous Sign Language Labelled Corpora. *not available yet

References

- [1] O. Koller, J. Forster, and H. Ney, “Continuous sign language recognition: Towards large vocabulary statistical recognition systems handling multiple signers,” *Computer Vision and Image Understanding*, vol. 141, pp. 108–125, Dec. 2015.
- [2] U. von Agris and K.-F. Kraiss, “Towards a video corpus for signer-independent continuous sign language recognition,” *Gesture in Human-Computer Interaction and Simulation*, 2007.
- [3] P. Lu and M. Huenerfauth, “Collecting and evaluating the cuny asl corpus for research on american sign language animation,” *Comput. Speech Lang.*, vol. 28, p. 812–831, May 2014.
- [4] A. Duarte, S. Palaskar, L. Ventura, D. Ghadiyaram, K. DeHaan, F. Metze, J. Torres, and X. Giro-i Nieto, “How2Sign: A Large-scale Multimodal Dataset for Continuous American Sign Language,” in *Conference on Computer Vision and Pattern Recognition (CVPR)*, 2021.
- [5] P. Drewu, D. Rybach, T. Deselaers, M. Zahedi, and H. Ney, “Speech recognition techniques for a sign language recognition system,” in *Interspeech*, (Antwerp, Belgium), pp. 2513–2516, Aug. 2007. ISCA best student paper award Interspeech 2007.
- [6] A. Schembri, J. Fenlon, R. Rentelis, S. Reynolds, and K. Cormier, “Building the british sign language corpus,” *Language Documentation & Conservation*, vol. 7, pp. 136–154, 2013.
- [7] V. Belissen, A. Bräffort, and M. Gouiffès, “Dicta-Sign-LSF-v2: Remake of a Continuous French Sign Language Dialogue Corpus and a First Baseline for Automatic Sign Language Processing,” in *LREC 2020, 12th Conference on Language Resources and Evaluation* (ELRA, ed.), Proceedings of the 12th Language Resources and Evaluation Conference, (Marseille, France), 2020.
- [8] H. Bull, A. Bräffort, and M. Gouiffès, “MEDIAPI-SKEL -A 2D-Skeleton Video Database of French Sign Language With Aligned French Subtitles,” in *12th Conference on Language Resources and Evaluation (LREC 2020)*, (Marseille, France), pp. 6063–6068, June 2020.
- [9] N. Adaloglou, T. Chatzis, I. Papastratis, A. Stergioulas, G. T. Papadopoulos, V. Zacharopoulou, G. J. Xydopoulos, K. Atzakas, D. Papazachariou, and P. Daras, “A comprehensive study on sign language recognition methods,” *arXiv preprint arXiv:2007.12530*, 2020.
- [10] S. Yang and Q. Zhu, “Video-based chinese sign language recognition using convolutional neural network,” in *2017 IEEE 9th International Conference on Communication Software and Networks (ICCSN)*, pp. 929–934, 2017.
- [11] S.-K. Ko, C. J. Kim, H. Jung, and C. Cho, “Neural sign language translation based on human keypoint estimation,” *Applied Sciences*, vol. 9, p. 2683, 07 2019.
- [12] L. Meurant, M. Gobert, and A. Cleve, “Modelling a parallel corpus of french and french belgian sign language (lsfb),” 05 2016.
- [13] N. C. Camgöz, B. Saunders, G. Rochette, M. Giovanelli, G. Inches, R. Nachtrab-Ribback, and R. Bowden, “Content4all open research sign language translation datasets,” *CoRR*, vol. abs/2105.02351, 2021.