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| VIVOS Corpus  VIVOS is a free Vietnamese speech corpus consisting of 15 hours of recording speech prepared for Automatic Speech Recognition task.  The corpus was prepared by AILAB, a computer science lab of VNUHCM - University of Science, with **Prof. Vu Hai Quan** is the head of.  We publish this corpus in hope to attract more scientists to solve Vietnamese speech recognition problems. The corpus should only be used for academic purposes.  **License**  Creative Commons Attribution NonCommercial ShareAlike v4.0 (CC BY-NC-SA 4.0) ([details](https://creativecommons.org/licenses/by-nc-sa/4.0/legalcode))  **Download corpus**  [vivos.tar.gz](https://ailab.hcmus.edu.vn/assets/vivos.tar.gz)  **Associated paper**  "A non-expert Kaldi recipe for Vietnamese Speech Recognition System", Hieu-Thi Luong and Hai-Quan Vu, in Proc. WLSI-3 & OIAF4HLT-2 ([pdf](https://ailab.hcmus.edu.vn/assets/WLSI3_2016_Luong_non_expert.pdf))  **Contact**  [ailab@hcmus.edu.vn](mailto:ailab@hcmus.edu.vn) | Corpus properties  Speech was recorded in a quiet enviroment with high quality microphone, speakers were asked to read one sentence at a time.   |  | **Training** | **Testing** | | --- | --- | --- | | Speakers | 46 | 19 | | Male | 22 | 12 | | Female | 24 | 7 | | Utterances | 11660 | 760 | | Duration | 14:55 | 00:45 | | Unique Syllables | 4617 | 1692 |   **Evaluations**  The corpus is also evaluated using our non-expert recipe for Vietnamese Speech Recognition system which is described in details in the associated paper.   |  | **baseline** | **+pitch** | **+tone** | | --- | --- | --- | --- | | mGMM | 19.66 | 15.14 | 14.91 | | mGMM+MMI | 18.08 | 14.96 | 13.91 | | mGMM+SAT | 15.79 | 12.07 | 12.13 | | mDNN+SAT | 13.34 | 9.54 | 9.48 | |