

### **1. Scope**

This End User License Agreement (hereinafter: "License") is granted by Human Language Technology (HLT) Laboratory, National University of Singapore (NUS), 21 Lower Kent Ridge Rd, Singapore 119077 (hereinafter: "Licensor") to the End User. This License is an Open Source License.

### **2. Material under License**

The material under License (hereinafter: "Database") is a Human Language Technology (HLT) Laboratory, National University of Singapore (NUS) database described in Schedule 1 composed of speech and singing parallel data. The Database contains recordings of spoken lyrics and sung audio corresponding to English popular songs, along with their manual word- and utterance-level annotations. All data contained within the Database have been ordered, collected and processed in accordance with the laws applicable in Singapore.

### **3. Copyright**

The Database is the sole property of the Licensor and is protected by copyright. The Licensor reserves all rights to use in any way and distribute the Database. The Database shall remain the exclusive property of the Licensor. Save as expressly provided herein, the End User acquires no ownership, rights or title of any kind in all or any parts with regard to the Database.

### **4. License**

Subject to prior identification of the End User and submission of a signed License, the Database is freely available to the benefit of the End User. The Licensor grants to the End User the right to use the Database, for its own internal, non-commercial Research only. The End User may only disclose and give access to the Database to subsidiaries and/or students (hereinafter "Affiliates"), under the following conditions:

- 1) a copy of this License, executed by the End User, is provided to the End User's Affiliates;
- 2) The Affiliates have fully read and understood all terms and conditions of the License, and such Affiliates agree to fully abide by the terms of the License;
- 3) The access to the Database is granted under the close supervision of the End User;
- 4) The End User shall be responsible and liable for any infringement of the License by any of its Affiliates.

The Licensor grants to the End User the right to reproduce, to adapt, arrange and modify by any means the Database. The Licensor grants to the End User the right to rework and build upon the Database, or any component thereof, or create derivative products or services for the End User's own internal and non-commercial Research only. The End User is permitted to make a copy of the Database for archiving only. This License gives no other rights of any kind to the End User over the Database. The License is deemed non-exclusive and non-transferable to third parties.

### **5. Access**

The End User may only use the Database after this License has been signed and returned to the Licensor. The End User must return the signed and dated License by email, in PDF format to the Licensor at the following address: [haizhou.li@nus.edu.sg](mailto:haizhou.li@nus.edu.sg). The Database is accessible online at the following address: <https://hltnus.github.io/NHSSDatabase/>

## **6. Copyleft and Open Science**

As a condition of the grant of the License to the End User, any derivative work, product, services, scientific developments, improvements, or modifications of any kind based on all or part of the Database (collectively, "Modifications") shall be made freely available to other End Users. A copy of any Modifications shall be submitted to the Licensor at the following email address: [haizhou.li@nus.edu.sg](mailto:haizhou.li@nus.edu.sg). The End User shall ensure that, when making any Modifications, the Database is not altered and that the Database still operates, and that the audio files of the Database must remain unmodified. Any violation of this clause will give rise to immediate legal prosecution, and NUS reserves the right to immediately terminate this License and any rights granted to the End User thereunder.

## **7. Distribution**

The End User shall not, without prior authorization of Licensor, transfer in any way, permanently or temporarily, distribute or broadcast all or part of the Database or Modifications to third parties. The End User shall send all requests for the distribution of the Database to the Licensor at the following email address: [haizhou.li@nus.edu.sg](mailto:haizhou.li@nus.edu.sg).

## **8. Research**

"Research", for the purposes of this License, shall be defined as all type of scientific research, irrespective of the object under scrutiny, aimed at achieving a progress in science. This database is designed to test algorithms for audio-only, video-only and audio-visual speaker localization and tracking.

## **9. Commercial use**

Any commercial use of the Database is strictly prohibited. Commercial use of the Database includes, but is not limited to:

- Proving the efficiency of commercial systems;
- Testing commercial systems;
- Using screenshots of subjects from the Database in advertisements,
- Selling data or making any commercial use of the Database,
- Broadcasting data from the Database.

Any violation of this clause will give rise to immediate legal prosecution by the Licensor. Any profits and/or unjust enrichment or similar gains which the End User obtains due to the breach of the License shall be immediately restituted to the Licensor, and the End User shall also assign absolutely and unconditionally to the Licensor all Modifications.

## **10. Publications**

The End User shall reference the Database, or results obtained with it, in publications. Publications include, but are not limited to:

- Research papers,
- Articles,
- Presentations for conferences or educational purposes.

The End User shall ensure that all publications which report on research that use the Database will contain an acknowledgement as follows: ***"(Portions of) the research in this paper used the NHSS Database made available by the HLT lab, National University of Singapore, Singapore."***

In addition, this citation must be used to refer to the data:

**"NHSS: A Speech and Singing Parallel Database"**, by Bidisha Sharma, Xiaoxue Gao, Karthika Vijayan, Xiaohai Tian, and Haizhou Li, submitted to Speech Communication.

**11. Illegal or criminal use of the Database**

Any illegal or criminal use of the Database by the End User is strictly prohibited.

**12. Legal Disclaimer**

The Database is granted "as-is" and without any warranties, implied or expressed. Licensor shall not be held responsible for any damage (physical, financial or otherwise) caused by the use of the Database. Licensor shall not be held responsible of any illegal or criminal use of the Database by the End User.

**13. Termination**

NUS reserves the right to terminate access to the Database and this License at its sole and absolute discretion at any time by giving the End User prior written notice of 14 days ("Notice of Termination"). Upon receipt of the Notice of Termination, the End User shall, within 14 days, destroy or return to NUS (at NUS' election) any and all copies of the Database, Modifications, and any material, data, information and documents containing or made with the Database.

**14. Governing Law and Jurisdiction**

This License is subject to and interpreted in accordance with Singapore Law. Parties agree to submit to the exclusive jurisdiction of the Singapore courts, except that a party may seek an injunction in any court of competent jurisdiction.

**15. Warranties**

The End User warrants that they are an authorized signatory of legal age and are not prohibited to enter into this License. The End User warrants that they have read and understood all the terms contained herein and that the signature apposed hereunder is a fully informed decision.

Organization Name (Institute, University, etc):	
Organization Address :	
Full Name (Block Letters):	
Title / Function :	
Email :	
Date :	
Signature :	

## **Schedule 1**

### **Description of the NHSS Database:**

We present a database of parallel recordings of speech and singing, collected and released by the Human Language Technology (HLT) laboratory at the National University of Singapore (NUS), that is called NUS-HLT Speak-Sing (NHSS) database. We release this database to the public for research activities, that include, but not limited to, comparative studies of acoustic attributes of speech and singing signals, cooperative synthesis of speech and singing voices, and speech-to-singing conversion. This database consists of recordings of sung vocals of English pop songs, the spoken counterpart of lyrics of the songs read by the singers in their natural reading manner, and manually prepared utterance-level and word-level annotations. The audio recordings in the NHSS database correspond to a total of 100 songs sung and spoken by 10 singers, resulting in total of 7 hours audio data. There are 5 male and 5 female singers, singing and reading the lyrics of 10 songs each.