

ABBREVIATIONS

2 Terms and abbreviations

2.1 Entire listing

Below, all abbreviations used here are listed in alphabetical order:

b	breathy phonation
c	creaky phonation
CS	contemporary singing style (generic term, including the substyles contemporary musical theatre, pop, rock, and jazz)
D	standard recording with depreciation (e.g., noise in sound)
EC	European classical singing style
f_0	fundamental frequency
F_1, F_1, \dots	formant frequencies
hgh	high vocal effort
low	low vocal effort
m	male
med	medium vocal effort
ms	musical scale
N	non-style
ns	not specified
rp	reference pitch
S	standard recording
sh	shouted
ST	straight theatre speaking style
sVsV	vowel sound produced in s-Vowel-s-Vowel context
//Text//	text read or text sung (indication for speech identity)
tr	text read
ts	text sung
v	voiced
V	vowel sound produced in isolation
var	varied vocal effort
w	female
w	whispered

2.2 *Speakers and styles*

The database presented includes recordings of four speaker subgroups: untrained and nonprofessional speakers (N), professional straight theatre actresses and actors (ST), singers of contemporary singing style (CS, substyles were contemporary musical theatre, pop, and jazz), and singers of European classical singing (EC):

N	non-style
ST	straight theatre style
CS	contemporary singing style
EC	European classical singing style

Note: Speakers and singers are all termed speaker(s) as a generic term.

2.3 *Production parameters and sound status*

The database presents recordings of utterances produced with varying basic production parameters such as phonation type, vocal effort, fundamental frequency, vowel context and speaking or singing style. The corresponding abbreviations are given anew in the used parameter-specific order:

Abbreviations for phonation types:

v	voiced
b	breathy
c	creaky
w	whispered

Abbreviations for vocal effort:

med	medium
low	low
hgh	high
var	varying vocal effort

Abbreviations for production modes:

tr	text read
ts	text sung
rp	f_0 according to reference pitches given
ms	f_0 according to musical scale (C-Major)
sh	shouted
n.s	not specified (no specific production mode)

Abbreviations for styles, see Chapter 2.2.

Abbreviations for vowel context:

V	in isolation
sVsV	in s-V-s-V context

Abbreviations for sound status:

S	standard recording
D	standard recording with depreciation (see individual comments for the corresponding sounds)