

The Juslin and Laukka (2001) Database of Vocal Emotion Expressions

This database consists of 88 audio recordings of British actors conveying 5 emotions – anger, fear, disgust, happiness, and sadness, each with both weak and strong emotion intensity – as well as neutral/no emotion expressions (Juslin & Laukka, 2001). Gold et al. (2011) have also developed a brief version of this battery consisting of 32 stimuli.

Both the full and the short version of the test are available for research purposes, together with recognition rates and acoustic data for each stimulus. The database provides tools for studying social cognition in relation to acoustic cues and sensory dysfunction in different populations.

For detailed information about the development and validation of the database, see:

Juslin, P. N., & Laukka, P. (2001). Impact of intended emotion intensity on cue utilization and decoding accuracy in vocal expression of emotion. *Emotion, 1*, 381-412.

Gold, R., Butler, P. D., Revheim, N., Leitman, D. I., Kantrowitz, J. T., Laukka, P., Juslin, P. N., Silipo, G. S., & Javitt, D. C. (2011). *Auditory emotion recognition impairments in schizophrenia: Relationship to acoustic features and cognition*. Manuscript submitted for publication. [Will be available once the study has been published]

To request access to the Juslin and Laukka (2001) database, please send an e-mail to both patrik.juslin@psyk.uu.se and petri.laukka@psychology.su.se wherein you provide a short description of the planned study. All permissions are given on a case-by-case basis, and the stimuli may not be used for purposes other than those stated in the application. The stimuli may further not be distributed, published, copied, or further disseminated in any way or form, whether for profit or not. All documents and papers that report on research that uses the Juslin and Laukka (2001) stimuli should acknowledge this use by citing the original study.

We also invite researchers to make data obtained with the Juslin and Laukka (2001) stimuli available for research purposes once studies have been published. Currently, item-by-item recognition rates are available from the following studies:

Juslin, P. N., & Laukka, P. (2001). Impact of intended emotion intensity on cue utilization and decoding accuracy in vocal expression of emotion. *Emotion, 1*, 381-412.

Laukka, P., Juslin, P. N., & Bresin, R. (2005). A dimensional approach to vocal expression of emotion. *Cognition and Emotion, 19*, 633-653.

Gold, R., Butler, P. D., Revheim, N., Leitman, D. I., Kantrowitz, J. T., Laukka, P., Juslin, P. N., Silipo, G. S., & Javitt, D. C. (2011). *Auditory emotion recognition impairments in schizophrenia: Relationship to acoustic features and cognition*. Manuscript submitted for publication. [Will be available once the study has been published]

For a more general overview of research on vocal emotion expression, see:

Juslin, P. N., & Scherer, K. R. (2005). Vocal expression of affect. In J. A. Harrigan, R. Rosenthal, & K. R. Scherer (Eds.), *The new handbook of methods in nonverbal behavior research* (pp. 65-135). New York: Oxford University Press.