

# Publication list

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## Peer-reviewed publications:

1. **Nussbaum, C.**, Frühholz, S., & Schweinberger, S. R. (2025). Understanding voice naturalness. *Trends in Cognitive Sciences*. <https://doi.org/10.1016/j.tics.2025.01.010>  
[Review]
2. **Nussbaum, C.**, Schirmer, A., & Schweinberger, S. R. (2024). Musicality–tuned to the melody of vocal emotions. *British Journal of Psychology*, 115(2), 206-225.  
<https://doi.org/10.1111/bjop.12684>  
[Empirical Paper]
3. **Nussbaum, C.**, Schirmer, A., & Schweinberger, S. R. (2023) Electrophysiological correlates of vocal emotional processing in musicians and nonmusicians. *Brain Sciences* 2023, 13, 1563.  
<https://doi.org/10.3390/brainsci13111563>  
[Empirical Paper]
4. Kachel, S., Pöhlmann, M., & **Nussbaum, C.** (2023) Queer Events, Relationships, and Sports: Does Topic Influence Speakers' Acoustic Expression of Sexual Orientation? Proc. *INTERSPEECH 2023*, 4269-4273, <https://doi.org/10.21437/Interspeech.2023-2087>  
[Empirical Paper]
5. **Nussbaum, C.**, Pöhlmann, M., Kreysa, H., & Schweinberger, S. R. (2023). Perceived naturalness of emotional voice morphs. *Cognition & Emotion*, 1–17.  
<https://doi.org/10.1080/02699931.2023.2200920>  
[Empirical Paper]
6. **Nussbaum, C.**, Schirmer, A., & Schweinberger, S. R. (2022). Contributions of Fundamental Frequency and Timbre to Vocal Emotion Perception and their Electrophysiological Correlates. *Social Cognitive and Affective Neuroscience*. 17(12), 1145-1154.  
<https://doi.org/10.1093/scan/nsac033>  
[Empirical Paper]
7. von Eiff, C. I. von, Skuk, V. G., Zäske, R., **Nussbaum, C.**, Frühholz, S., Feuer, U., Guntinas-Lichius, O., & Schweinberger, S. R. (2022). Parameter-Specific Morphing Reveals Contributions of Timbre to the Perception of Vocal Emotions in Cochlear Implant Users. *Ear and Hearing*, 43(4), 1178-1188, <https://doi.org/10.1097/aud.0000000000001181>  
[Empirical Paper]
8. **Nussbaum, C.**, von Eiff, C. I. von, Skuk, V. G., & Schweinberger, S. R. (2022). Vocal emotion adaptation aftereffects within and across speaker genders: Roles of timbre and fundamental frequency. *Cognition*, 219, 104967. <https://doi.org/10.1016/j.cognition.2021.104967>  
[Empirical Paper]

9. **Nussbaum, C.**, & Schweinberger, S. R. (2021). Links Between Musicality and Vocal Emotion Perception. *Emotion Review*, 13(3), 211–224. <https://doi.org/10.1177/17540739211022803> [Review]
10. Schweinberger, S. R., von Eiff, C. I., Kirchen, L., Oberhoffner, T., Guntinas-Lichius, O., Dobel, C., **Nussbaum, C.**, Zäske, R., & Skuk, V. G. (2020). The Role of Stimulus Type and Social Signal for Voice Perception in Cochlear Implant Users: Response to the Letter by Meister et al. *Journal of Speech, Language, and Hearing Research*, 63(12), 4327–4328. [https://doi.org/10.1044/2020\\_JSLHR-20-00595](https://doi.org/10.1044/2020_JSLHR-20-00595) [Response Letter]

#### **In preparation/submitted:**

1. Lehnen, J., Schweinberger, S. R., & **Nussbaum C.** (in press). Vocal Emotion Perception and Musicality – Insights from EEG Decoding
2. Kaminski, J., Capitain, S., Kühr, F., **Nussbaum, C.**, & Bräuer, J. (submitted) ‘Genius’ dogs: What makes a dog a label-learner?
3. **Nussbaum, C.**, Dethloff, S., Schirmer, A., & Schweinberger, S.R. (in preparation) No difference in vocal emotion perception between non-professional singers and instrumentalists

#### **Conference contributions:**

1. **Nussbaum, C.** (January 2025) Do I sound odd to you? – Perceived naturalness in voices. Talk at the Psy-UP conference, Jena, Germany.
2. **Nussbaum, C.**, Stelter M., Plettenberg, M., & Kaiser, C. (December 2024) Fehlerkultur in der Wissenschaftskommunikation – Zwischen Transparenz und Perfektionsanspruch. Workshop at the Forum for Science Communication, Berlin, Germany.
3. Schweinberger, S.R., Yang, Y., Wechsler, R., & **Nussbaum, C.** (October 2024) Hear your (E)motion in dancing: Effects of motion-sound congruency and motion-modulated music on perceived sense of agency and motor activity. Poster presentation at the 62. Annual Meeting of the Society for Psychophysiological Research (SPR), Prag, Czech Republic.
4. **Nussbaum, C.** & Schweinberger, S. R. (Oktober 2024) Electrophysiological insights into the role of musicality for vocal emotion perception. Talk at the 64. Annual Meeting of the Society for Psychophysiological Research (SPR), Prag, Czech Republic.
5. **Nussbaum, C.** & Schweinberger, S. R. (August 2024) Naturalness of voices – from human to artificial agents. Talk at the 2nd VoicelD, Marburg, Germany
6. Kachel, S., Pöhlmann, M., & **Nussbaum, C.** (June, 2024). Straighter Voice Information Leads to Straighter Perceptions: Causal Implications for Sexual Orientation Perception Using a Voice-Morphing Approach. Panel contribution at the 18th International Conference on Language

and Social Psychology (ICLASP18:24), Talinn, Estonia.

7. **Nussbaum, C.** (April 2024) The interplay of perceived naturalness and emotionality in voices. Invited talk at Symposium accompanying the 31st EPS Prize Lecture. Experimental Psychology Society (EPS), Nottingham, UK
8. **Nussbaum, C.,** Schirmer, A., & Schweinberger, S. R. (October 2023) Links Between Musicality and Vocal Emotion Perception – a Matter of Music Training or Natural Auditory Sensitivity? Poster presentation at CELISE (Center for Lifespan Developmental Science) workshop, Jena, Germany
9. **Nussbaum, C.,** Schirmer, A., & Schweinberger, S. R. (July 2023) Integration of auditory cues for vocal emotion perception – differences between musicians and non-musicians. Talk at the 21. World Congress of Psychophysiology (IOP), Geneva, Switzerland
10. **Nussbaum, C.,** Schirmer, A., & Schweinberger, S. R. (March 2023) Sensitive to Melodies – How musicality benefits the processing of vocal emotions. Talk at the 65. Conference of Experimental Psychologists (TeaP), Trier, Germany.
11. **Nussbaum, C.** (September/October 2022) Links Between Musicality and Vocal Emotion Perception: Acoustic parameters and electrophysiological correlates. Talk at the 62. Annual Meeting of the Society for Psychophysiological Research (SPR), Vancouver, Canada.
12. **Nussbaum, C.,** Pöhlmann, M., Kreysa, H., & Schweinberger, S. R. (March 2022) Perceived naturalness of emotional voice morphs. Talk at the 64. Conference of Experimental Psychologists (TeaP), Cologne, Germany.
13. **Nussbaum, C.** (September 2021) Musikalität und die Fähigkeit zur Emotionserkennung in der menschlichen Stimme. Talk at the training workshop of the Herbert Feuchte Stiftungsverbund in Schleiz, Germany.
14. **Wulf, C.** (birthname), Eiff, C. I. von, Skuk, V. G., Frühholz, S., & Schweinberger, S. R. (March 2020, cancelled) The role of timbre and fundamental frequency in vocal emotion adaptation. Talk at the 62. Conference of Experimental Psychologists (TeaP), Jena, Germany.
15. **Wulf, C.** (birthname), Eiff, C. I. von, Skuk, V. G., & Schweinberger, S. R. (January 2020) The role of timbre and fundamental frequency in vocal emotion adaptation. Poster presentation at the Experimental Psychology Society (EPS) London Meeting, London, UK.