

Some publications resulting from MMB project theses and collaborations.

Papers marked with ** arise directly from MMB MSc projects.

Those marked with * were carried out with Goldsmiths undergraduate students or in collaboration with MMB alumni.

- **Anderson, S., Himonides, E., Wise, K., Welch, G., & Stewart, L. (2012). [Is there potential for learning in amusia? A study of the effect of singing intervention in congenital amusia.](#) *Annals of the New York Academy of Science*, 1252, pp. 345-353. ISSN 0077-8923a
- **Anglada-Tort, M., Baker, T., & Müllensiefen, D. (2018). [False memories in music listening: exploring the misinformation effect and individual difference factors in auditory memory.](#) *Memory*. DOI: <https://doi.org/10.1080/09658211.2018.1545858>
- **Anglada-Tort, M., & Müllensiefen, D. (2017). [The repeated recording illusion: The effects of extrinsic and individual difference factors on musical judgements.](#) *Music Perception*, 35(1), 92-115. DOI: <https://doi.org/10.1525/MP.2017.35.1.92>
- **Anglada-Tort, M., Steffens, J. & Müllensiefen, D. (2018). [Names and Titles Matter: The Impact of Linguistic Fluency and the Affect Heuristic on Aesthetic and Value Judgements of Music.](#) *Psychology of Aesthetics, Creativity, and the Arts*. DOI: <http://dx.doi.org/10.1037/aca0000172>
- **Akkermans, J., Schapiro, R., Müllensiefen, D., Jakubowski, K., Shanahan, D., Baker, D., Busch, V., Lothwesen, K., Elvers, P., Fischinger, T., Schlemmer, K., & Frieler, K. (2018). Decoding emotions in expressive music performances: A multi-lab replication and extension study, *Cognition and Emotion*, DOI: [10.1080/02699931.2018.1541312](https://doi.org/10.1080/02699931.2018.1541312)
- **Baker, D. & Müllensiefen, D. (2017). [Perception of Leitmotives in Richard Wagner's Der Ring des Nibelungen.](#) *Frontiers in Psychology*, 8. DOI: [10.3389/fpsyg.2017.00662](https://doi.org/10.3389/fpsyg.2017.00662)
- *Baker, D.J., Trahan, T., & Müllensiefen, D. (2016). [Matching Music to Brand Personality: A Semantic Differential Tool for Measuring Emotional Space.](#) *Proceedings of the 14th International Conference on Music Perception and Cognition (ICMPC14)*, 269-271.
- **Bodak, R., Malhotra, P., Bernardi, N. F., Cocchini, G., & Stewart, L. (2014). [Reducing chronic visuo-spatial neglect following right hemisphere stroke through instrument playing.](#) *Frontiers in Human Neuroscience*, 8(413), ISSN 1662-5161
- **Cameron, D., Stewart, L., Pearce, M. T., & Grube, M. (2012). [Modulation of motor excitability by metricality of tone sequences.](#) *Psychomusicology: Music, Mind, and Brain*, 22(2), pp. 122-128. ISSN 0275-3987
- **de Fleurian, R., Blackwell, T., Ben-Tal, O., & Müllensiefen, D. (2016). [Information-theoretic measures predict the human judgement of rhythm complexity.](#) *Cognitive Science*. DOI: [10.1111/cogs.12347](https://doi.org/10.1111/cogs.12347)
[Supporting Information](#)

- *Farrugia, N., Allan, H., Müllensiefen, D., & Avron, A. (2016). [Does it sound like progressive rock? A perceptual approach to a complex genre](#). In P. Gonin (Ed.), *Prog Rock in Europe: Overview of a persistent musical style*. pp 197-212, Dijon: Editions Universitaire.
- *Floridou, G. & Müllensiefen, D.(2013). [Involuntary Musical Imagery While the Mind Wanders: An Experience Sampling Study using Bayesian Networks](#). Presentation given at the biennial meeting of the Society for Music Perception and Cognition 2013, 9th of August, Ryerson University, Toronto.
- *Flordiou, G., & Müllensiefen, D. (2015). [Environmental and mental conditions predicting the experience of involuntary musical imagery: An experience sampling method study](#). *Consciousness and Cognition*, 33, 472-486. DOI:10.1016/j.concog.2015.02.012
- **Floridou, G., Williamson, V. & Müllensiefen, D. (2012). [Contracting Earworms: The Roles of Personality and Musicality](#). Poster presented at the 12th International Conference on Music Perception and Cognition (ICMPC), 27th of July, Thessaloniki.
- *Flordiou, G., Williamson, V. J., Stewart, L., & Müllensiefen, D. (2015). [The Involuntary Musical Imagery Scale \(IMIS\)](#). *Psychomusicology: Music, Mind, and Brain.*, 25(1), 28-36. DOI: <http://dx.doi.org/10.1037/pmu0000067>
- **Frieler, K., Fischinger, T., Schlemmer, Lothwesen, K., K., Jakubowski, K., & Müllensiefen, D. (2013). [Absolute memory for pitch: A comparative replication of Levitin's 1994 study in six European labs](#). *Musicae Scientiae*, 17(3), 334-34.
- *Frieler, K., Jakubowski, K., & Müllensiefen, D. (2015). [Is it the song and not the singer? Hit song prediction using structural features of melodies](#). *Yearbook of the German Society for Music Psychology*, 24, 41-54.
- **Frieler, K., Müllensiefen, D., Fischinger, T., Schlemmer, K., Jakubowski, K., & Lothwesen, K. (2013). [Replication in Music Psychology](#). *Musicae Scientiae*, 17(3), 265-276.
- **Halpern, A. Chan, C., Müllensiefen, D. & Sloboda, J. (2017). [Audience reactions to repeating a piece on a concert programme](#). *Participations: Journal of Audience and Reception Studies*, 14(2), 135-152.
- **Harrison, P., Collins, T., & Müllensiefen, D. (2016). [Assessing melodic discrimination abilities with computerised adaptive testing and automatic item generation](#). *. ICAR News*, 8(2), 5-8.
- **Harrison, P., Collins, T., & Müllensiefen, D. (2017). [Applying modern psychometric techniques to melodic discrimination testing: Item response theory, computerised adaptive testing, and automatic item generation](#). *Scientific Reports*, 7. DOI: 10.1038/s41598-017-03586-z
- **Harrison, P., & Müllensiefen, D. (2018). [Development and Validation of the Computerised Adaptive Beat Alignment Test \(CA-BAT\)](#). *Scientific Reports*, 8. DOI: <https://doi.org/10.1038/s41598-018-30318-8>
- *Harrison, P., Musil, J., & Müllensiefen, D. (2016). [Modelling melodic discrimination tests: Descriptive and explanatory approaches](#). *Journal of New Music Research*, 45(3), 265-280. doi: 10.1080/09298215.2016.1197953
- *Heaton, P., Tsang, W.F., Jakubowski, K., Müllensiefen, D., Allen, R. (2018). [Discriminating autism and language impairment and specific language impairment through acuity of musical](#)

[imagery](#). *Research in Developmental Disabilities*, 18, 52-63. DOI:
<https://doi.org/10.1016/j.ridd.2018.06.001>

- **Jakubowski, K., Finkel, S., Stewart, L. & Müllensiefen, D. (2016). [Dissecting an Earworm: Melodic Features and Song Popularity Predict Involuntary Musical Imagery](#). *Psychology of Aesthetics, Creativity, and the Arts*, 3. DOI: <http://dx.doi.org/10.1037/aca0000090>.
- **Jakubowski, K. & Müllensiefen, D. (2013). [The influence of music-elicited emotions and relative pitch on absolute pitch memory for familiar melodies](#). *The Quarterly Journal of Experimental Psychology*, 66(7), 1259-1267.
- *Jakubowski, K., Müllensiefen, D., & Stewart, L. (2016). [A developmental study of latent absolute pitch memory](#). *Quarterly Journal of Experimental Psychology*. DOI:10.1080/17470218.2015.1131726
- **Kajihara, T., Verdonchot, R. G., Sparks, J., & Stewart, L. (2013). [Action-perception coupling in violinists](#). *Frontiers in Human Neuroscience*, 7, pp. 1-6. ISSN 1662-5161
- **Kirk, P., Grierson, M., Bodak, R., Ward, N., Brander, F., Kelly, K., Newman, N., & Stewart, L. (2016). [Motivating stroke rehabilitation through music: A feasibility study using digital musical instruments in the home](#). *CHI '16 Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems*, pp. 1781-1785.
- **Lee, C., Brown, L., & Müllensiefen, D. (2017). [The musical impact of multicultural London English \(MLE\) speech rhythm](#). *Music Perception*, 34(4), 452-481. DOI: <https://doi.org/10.1525/MP.2017.34.4.452>
- ** Lima, C.F., Brancatissano, O., Fancourt, A., Müllensiefen, D., Scott, S.K., Warren, J. D., & Stewart, L. (2016). [Impaired socio-emotional processing in a developmental music disorder](#). *Scientific Reports*, 6, 34911. DOI: 10.1038/srep34911
- ** Menouti, K., Akiva-Kabiri, L., Banissy, M. J., & Stewart, L. (2015). [Timbre-colour synaesthesia: exploring the consistency of associations based on timbre](#). *Cortex*, 63, pp. 1-3. ISSN 0010-9452
- *Müllensiefen, D., & Baker, D. (2015). [Music, Brands, and Advertising: Testing what works](#). In K. Bronner, R. Hirt & C. Ringe (Eds.), *Audio Branding Yearbook 2014/2015*, pp. 31-51. Baden-Baden, Germany: Nomos.
- **Müllensiefen, D., Baker, D., Rhodes, C., Crawford, T., & Dreyfus, L. (2016). [Recognition of Leitmotives in Richard Wagner's Music: An Item Response Theory Approach](#) In: A. F. X. Wilhelm & H. A. Kestler (Eds.), *Analysis of Large and Complex Data*, (pp. 473-483). Heidelberg: Springer.
- **Müllensiefen, D., Davies, C., Dossman, L., Hansen, J.L., & Pickering, A. (2013). [Implicit and Explicit Effects of Music on Brand Perception in TV Ads](#). In K. Bronner, R. Hirt & C. Ringe (Eds.), *Audio Branding Academy Yearbook 2012/2013*, pp. 139-153. Baden-Baden, Germany: Nomos.
- **Müllensiefen, D., Egermann, H., & Burrows, S. (2015). [Radio Station Jingles: How statistical learning applies to a special genre of audio logos](#). In K. Bronner, R. Hirt & C. Ringe (Eds.), *Audio Branding Yearbook 2014/2015*, pp. 53-71. Baden-Baden, Germany: Nomos.

- **Müllensiefen, D., Fry, J., Jones, R., Jilka, S., Stewart, L., & Williamson, V. (2014). [Individual differences predict patterns in spontaneous involuntary musical imagery](#). *Music Perception*, 31(4), 323-338. DOI:10.1525/MP.2014.31.4.323
- *Müllensiefen, D., Gingras, B., Musil, J., & Stewart, L. (2014). [The Musicality of Non-Musicians: An Index for Assessing Musical Sophistication in the General Population](#). *PloS One*, 9(2): e89642. DOI:10.1371/journal.pone.0089642
- *Müllensiefen, D., Harrison, P., Caprini, F., & Fancourt, A. (2015). [Investigating the importance of self-theories of intelligence and musicality for students' academic and musical achievement](#). *Frontiers in Psychology*, 6:1702. DOI: 10.3389/fpsyg.2015.01702
- *Müllensiefen, D., Hennig, C., & Howells, H. (2017). [Using clustering of rankings to explain brand preferences with personality and socio-demographic variables](#). *Journal of Applied Statistics*. DOI: 10.1080/02664763.2017.133902
- **Musil, J., El-Nusairi, B., & Müllensiefen, D. (2012). [Perceptual dimensions of short audio clips and corresponding timbre features](#). In *Proceedings of the 9th International Symposium on Computer Music Modelling and Retrieval (CMMR 2012)*, (pp. 311-318). Queen Mary University of London.
[Full paper](#)
- **Musil, J., El-Nusairi, B., & Müllensiefen, D. (2013). [Perceptual dimensions of short audio clips and corresponding timbre features](#). In *From Sounds to Music and Emotions. Lecture Notes in Computer Science, 7900*, (pp. 214-227). Berlin: Springer.
- **Nwebube, C., Glover, V., & Stewart, L. (2017). [Prenatal listening to songs composed for pregnancy and symptoms of anxiety and depression: a pilot study](#). *BMC Complementary and Alternative Medicine*, pp. 1-5.
- *Schaal, N., Bauer, A.-K., & Müllensiefen, D. (2014). [Der Gold-MSI: Replikation und Validierung eines Fragebogeninstrumentes zur Messung Musikalischer Erfahrung anhand einer deutschen Stichprobe](#). [The Gold-MSI: Replication and validation of a survey instrument for measuring musical sophistication with a German sample.] *Musicae Scientiae*, 18(4), 423-447. DOI:10.1177/1029864914541851
- **Trahan, T., Durrant, S. J., Müllensiefen, D., & Williamson, V. J. (2018). [The music that helps people sleep and the reasons they believe it works: A mixed methods analysis of online survey reports](#). *PLoS ONE*, 13(11), e0206531. <https://doi.org/10.1371/journal.pone.0206531>
- **Weinstein, D., Launey, J., Pearce, E., Dunbar, R. I. M., & Stewart, L. (2016). [Singing and social bonding: changes in connectivity and pain threshold as a function of group size](#). *Evolution and Human Behaviour*, 37(2), pp. 152-158. ISSN 1090-5138
- **Weir, G., Williamson, V. J., & Müllensiefen, D. (2015). [Increased Involuntary Musical Mental Activity Is Not Associated With More Accurate Voluntary Musical Imagery](#). *Psychomusicology: Music, Mind, and Brain*, 25(1), 48-57. DOI: <http://dx.doi.org/10.1037/pmu0000076>
- **Williamson, V., Jilka, S., Fry, J., Finkel, S., Müllensiefen, D., & Stewart, L. (2012). [How do 'earworms' start? Classifying the everyday circumstances of Involuntary Musical Imagery](#). *Psychology of Music*, 40(3), 259-284.

- **Williamson, V., South, M., & Müllensiefen, D. (2014). [Sound quality enhances the music listening experience](#). In Moo Kyoung Song (Ed.) *Proceedings of International Conference on Music Perception and Cognition (ICMPC) 2014, Seoul, Korea*, pp. 271-276.
- **Wolf, A. & Müllensiefen, D. (2012). [The Perception of Similarity in Court Cases of Melodic Plagiarism and a Review of Measures of Melodic Similarity](#). In J. Wewers and U. Seifert (Eds.), *Under construction: trans- and interdisciplinary routes in music research: Proceedings of SysMus 11, Cologne 2011* (pp. 215-230). Osnabrück, EpOs.