You get what you need: individual differences in visually-induced amplification of the auditory mismatch negativity

Cecilie Møller1,4, Andreas Højlund2,3, Klaus B. Bærentsen4, Niels Chr. Hansen1,5, Joshua C. Skewes3,6, Peter Vuust1

1. Center for music in the Brain, AU, DK; 2. Center of Functionally Integrative Neuroscience, AU, DK; 3. Interacting Minds Centre, AU, DK; 4. Department of Psychology and Behavioral Sciences, AU, DK; 5. The MARCS Institute for Brain, Behaviour, and Development, Western Sydney University, AU; 6. Department of Linguistics, Cognitive Science, and Semiotics, School of Communication and Culture, AU, DK.

Visual information boosts auditory sensitivity at an early stage of neural processing …

According to the multisensory principle of inverse effectiveness3, the multisensory gain is maximal when responses to the unisensory constituents of the stimuli are weak

We have reported behavioural data in support of an inter-individual interpretation of this principle2

Is a similar pattern of individual differences in multisensory processing evident at the neural level?

…and is more beneficial to people with lower auditory sensitivity

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*Contact: cecilie@clin.au.dk

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