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Trainability of hemodynamic parameters: A near-infrared spectroscopy based neurofeedback study

Short title: Trainability of NIRS signal

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Highlights

- NIRS-based neurofeedback can reinforce the natural course of the hemodynamic response
- The opposite of the natural course of the hemodynamic response cannot be trained
- Neurofeedback training changes the signal-to-noise ratio of deoxygenated hemoglobin
- NIRS signal course during motor imagery differs between offline and online tasks

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