

Measuring Electrophysiological Activity: Multiple Sessions and Subjects

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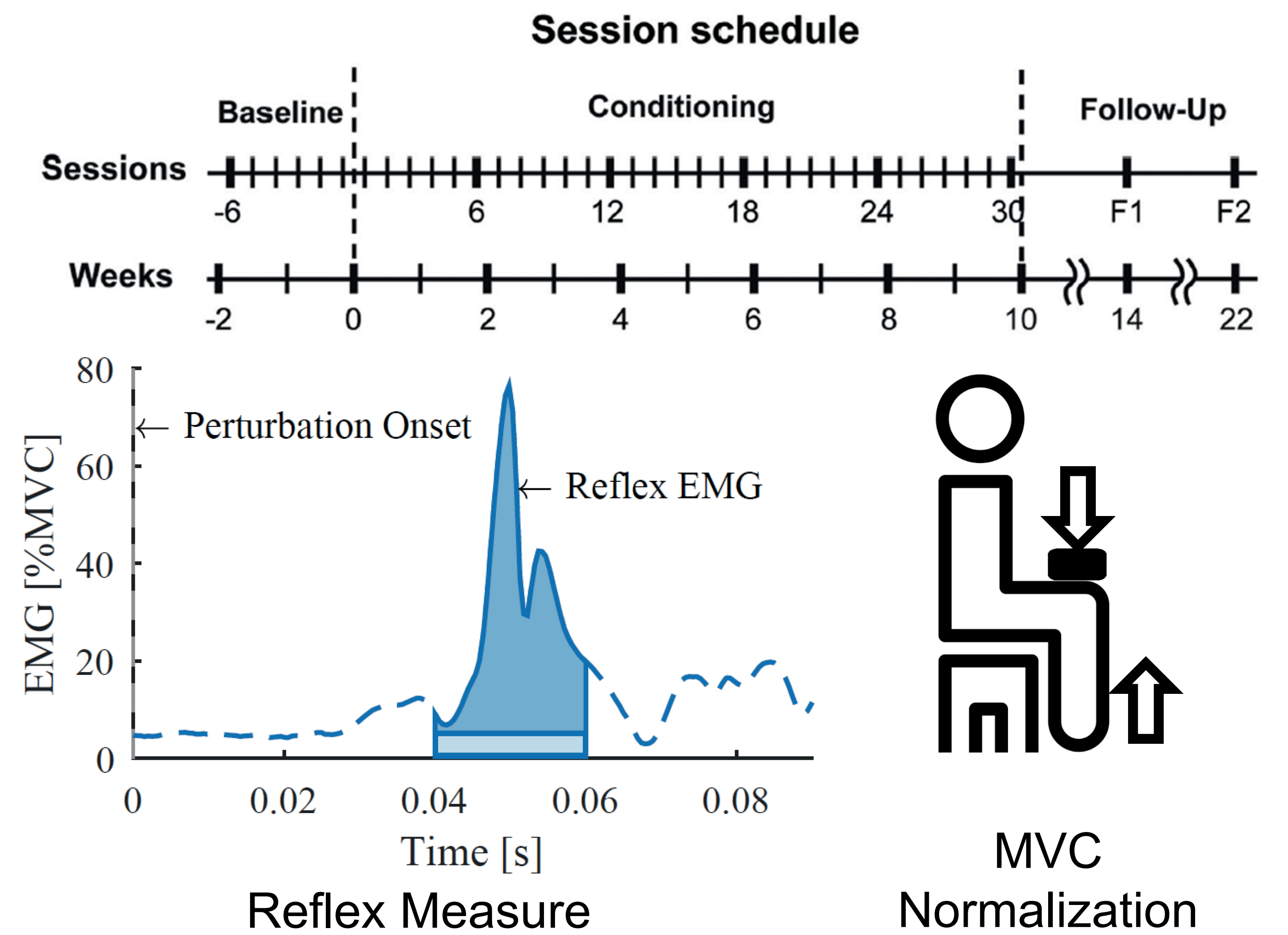
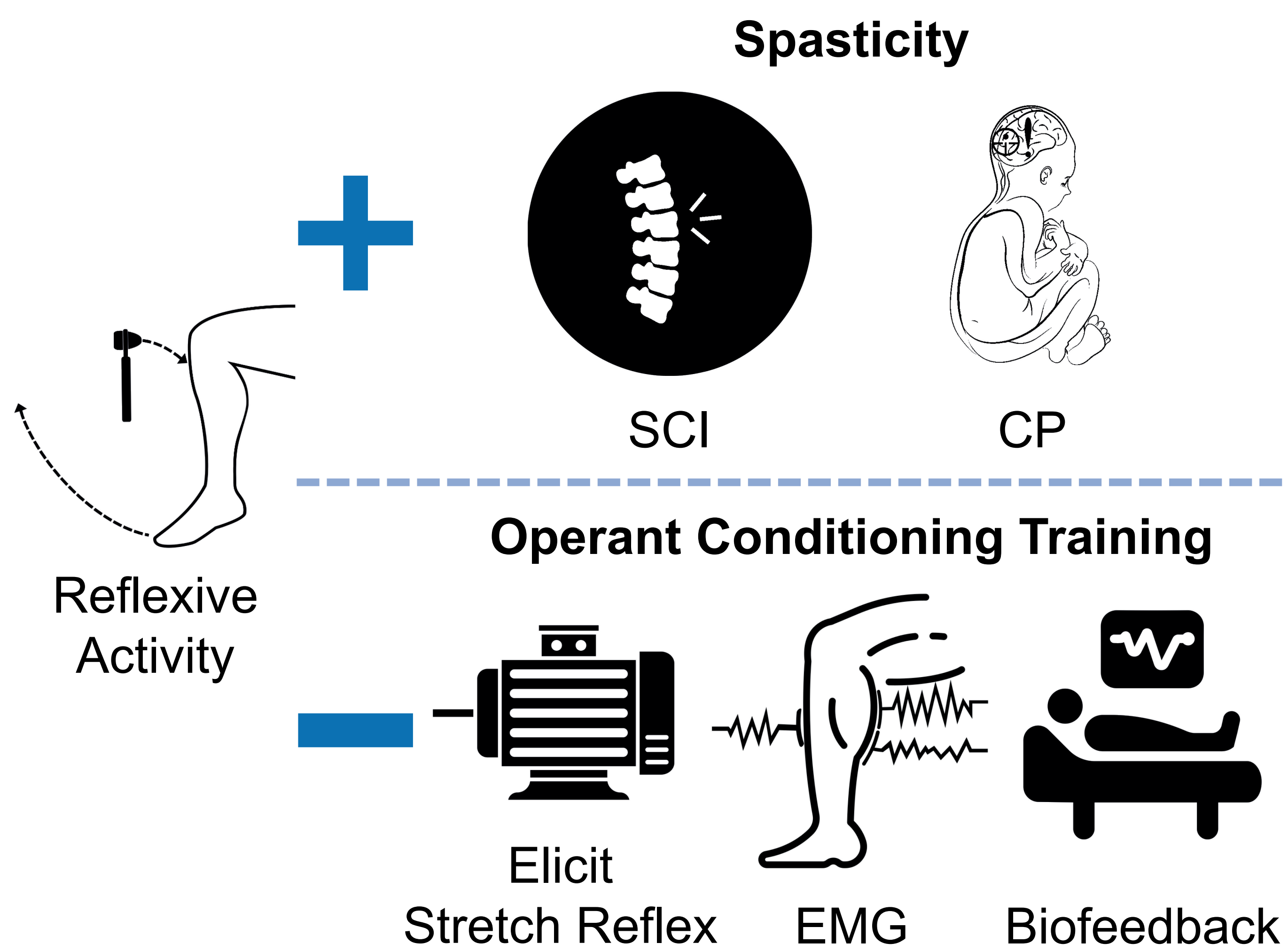
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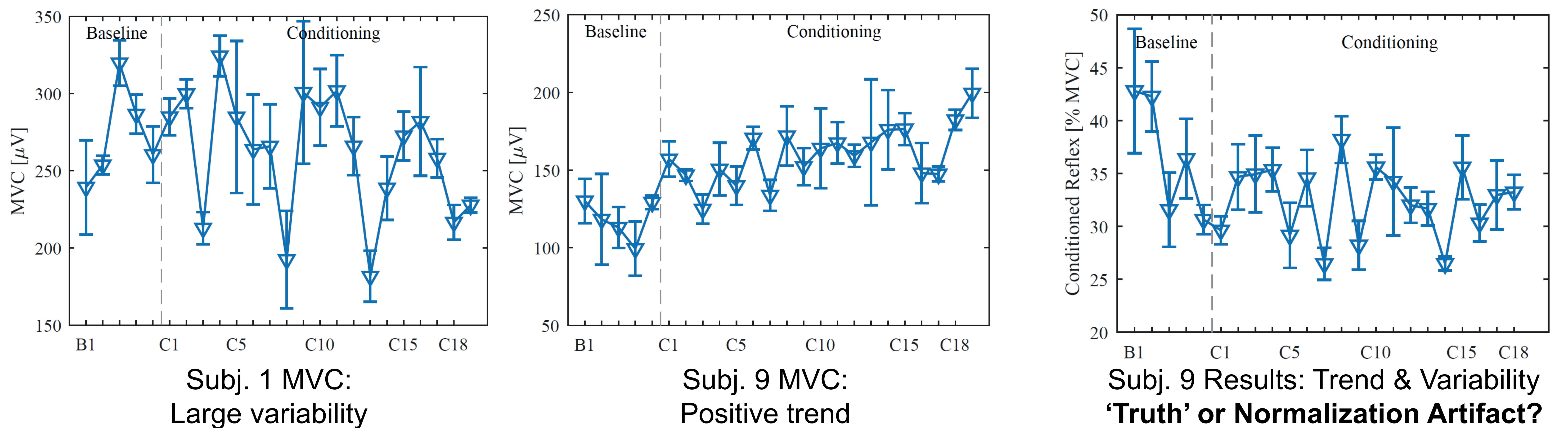
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Project: NeuroCIMT Reflexioning

Training Protocol¹



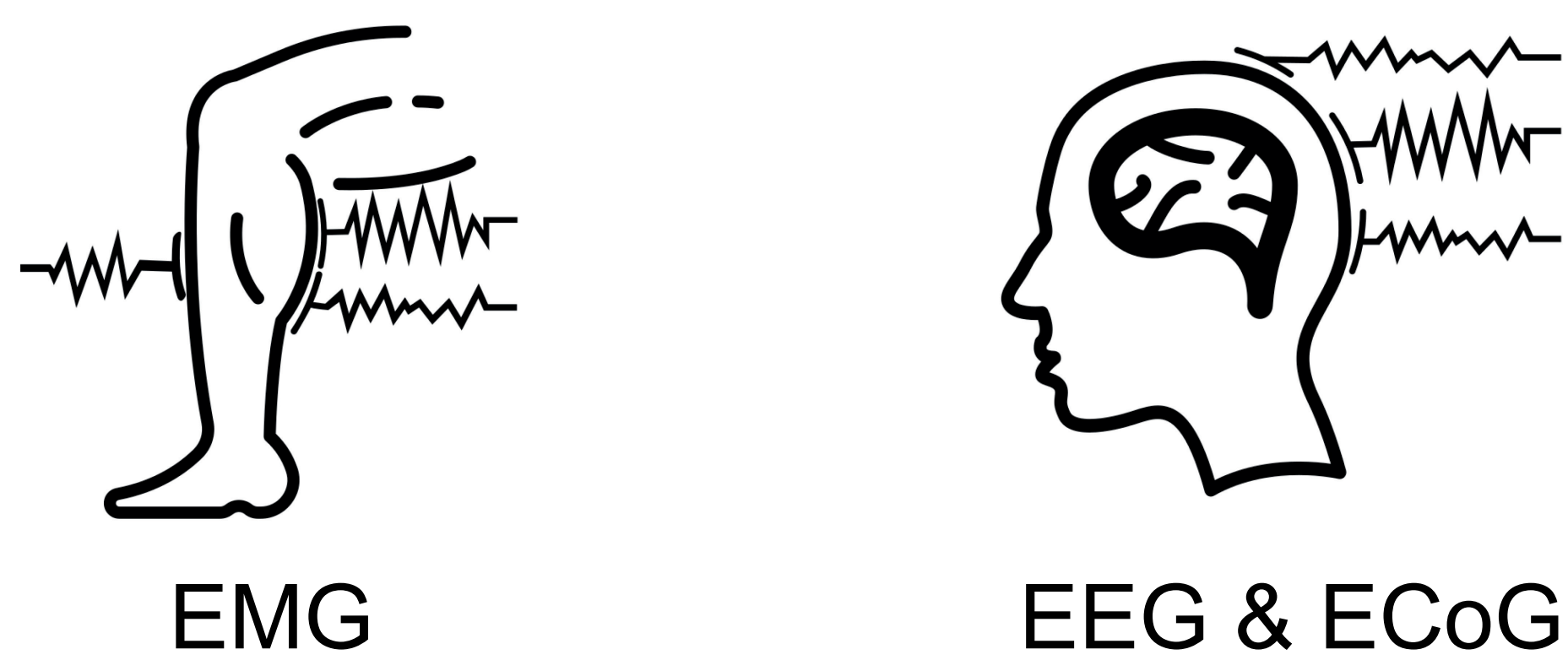
Training Results



Problem Statement & Discussion Topics

How can we best measure/analyze electrophysiological data across multiple sessions and subjects?

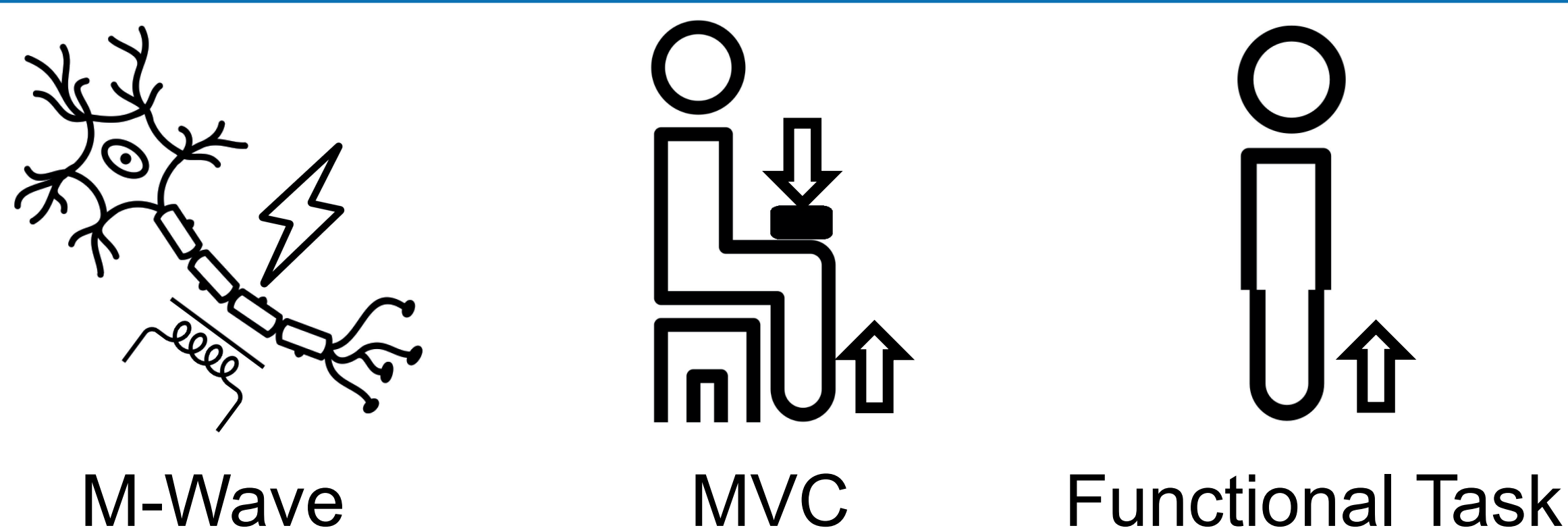
NeuroCIMT Community Standards



Normalization Stimulus



EMG Community Normalization Standards



Effect Neuromuscular Disorders



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¹ A. K. Thompson, F. R. Pomerantz, and J. R. Wolpaw, "Operant Conditioning of a Spinal Reflex Can Improve Locomotion after Spinal Cord Injury in Humans," *Journal of Neuroscience*, vol. 33, no. 6, pp. 2365–2375, 2013.