

Supplementary material

Cumulative timing-dependent changes in corticospinal excitability during suprathereshold paired-pulse transcranial magnetic stimulation

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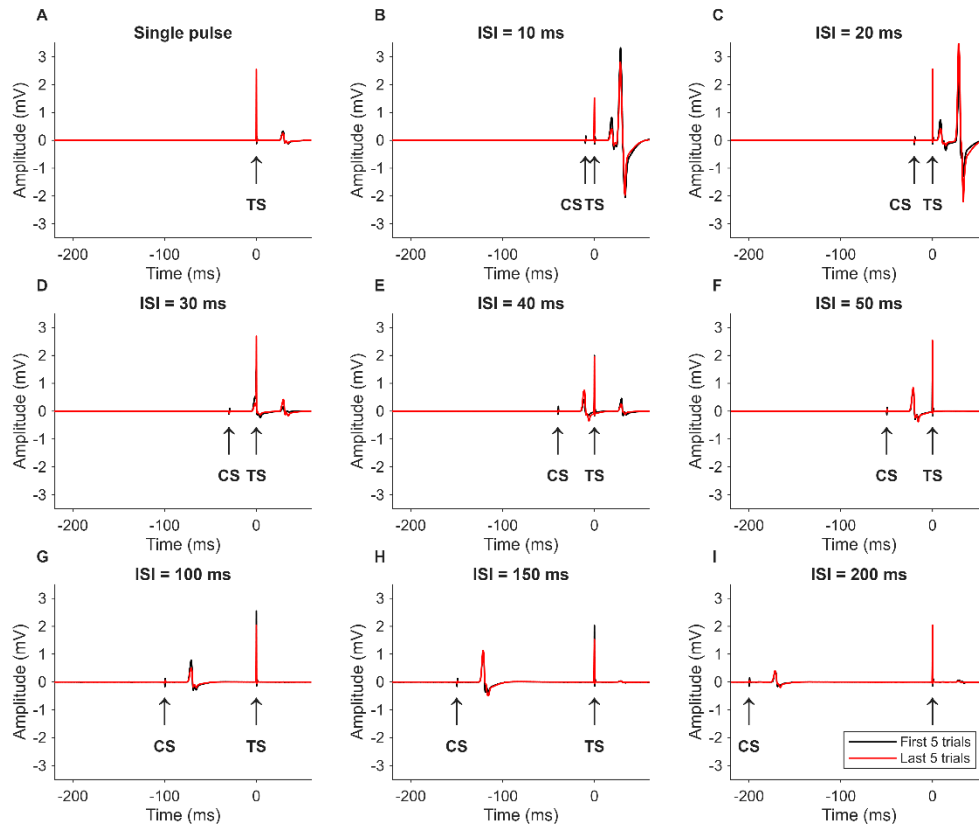
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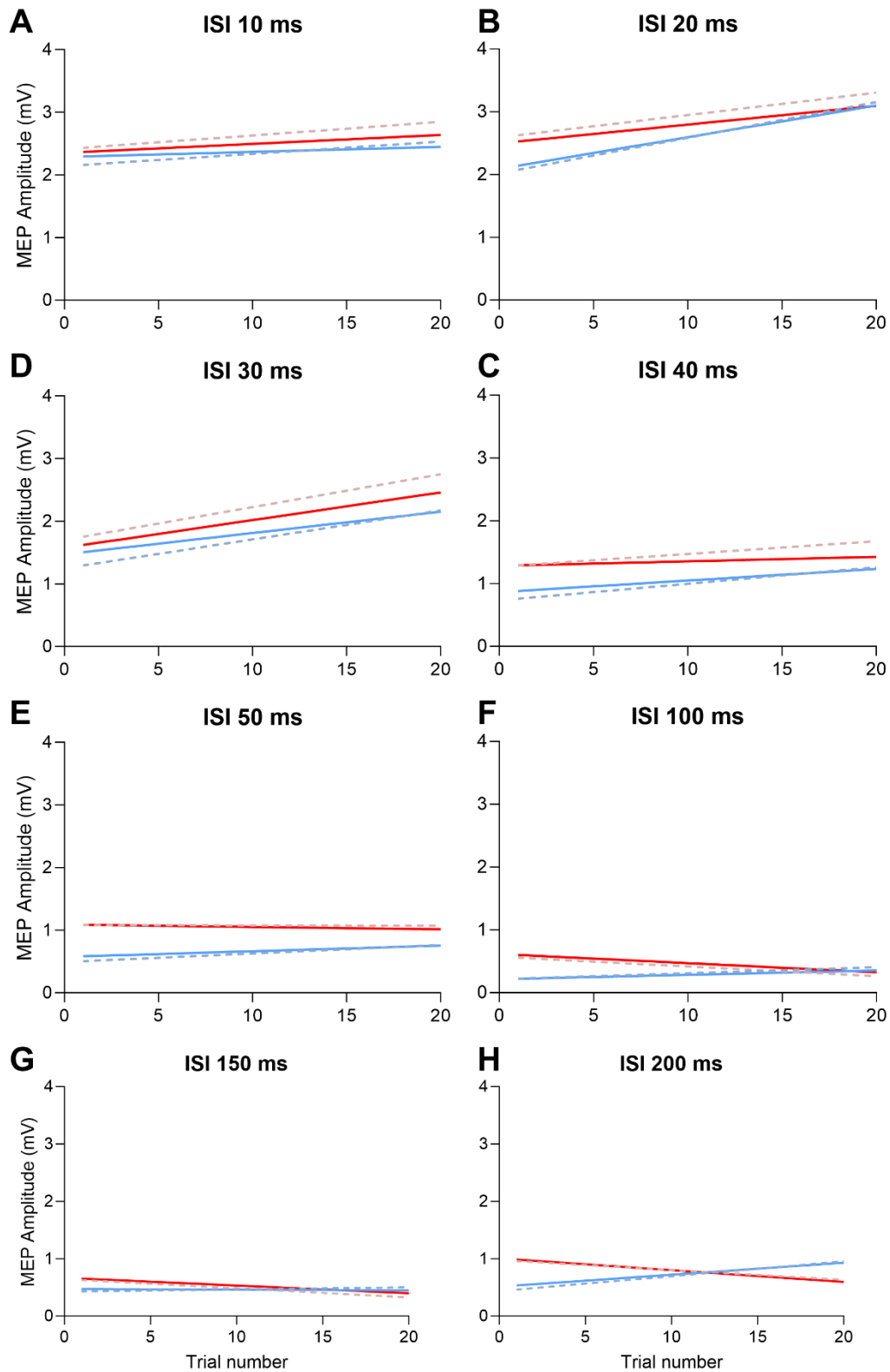
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Supplementary figure S1: Unconditioned and conditioned motor evoked potentials (MEPs) following suprathreshold single and paired-pulse TMS at different interstimulus intervals (ISIs) from a representative participant. Traces represent the mean electromyographic signals of the first 5 trials (indicated in black) and last 5 trials (indicated in red) for single pulse and paired pulse for each of 8 different ISIs. The test stimulus (TS) was delivered at 0 ms and the latency of the conditioned MEP begins at approximately 23 ms. Increases in amplitude of the conditioned MEP in the last compared to the first 5 trials are clear in the 20 and 30 ms ISI conditions. CS = conditioning stimulus.



Supplementary figure S2: Slope of changes in conditioned motor evoked potential (MEP) amplitude across trials compared between experiment 1 (blue) and 2 (red). Lines represent the estimated trends both with (solid) and without (dashed) unconditioned MEPs as covariates across all different interstimulus intervals (ISIs).