

## **Lower limb EMG activation during reduced gravity running on an incline. Speed matters more than hills irrespective of indicated bodyweight**

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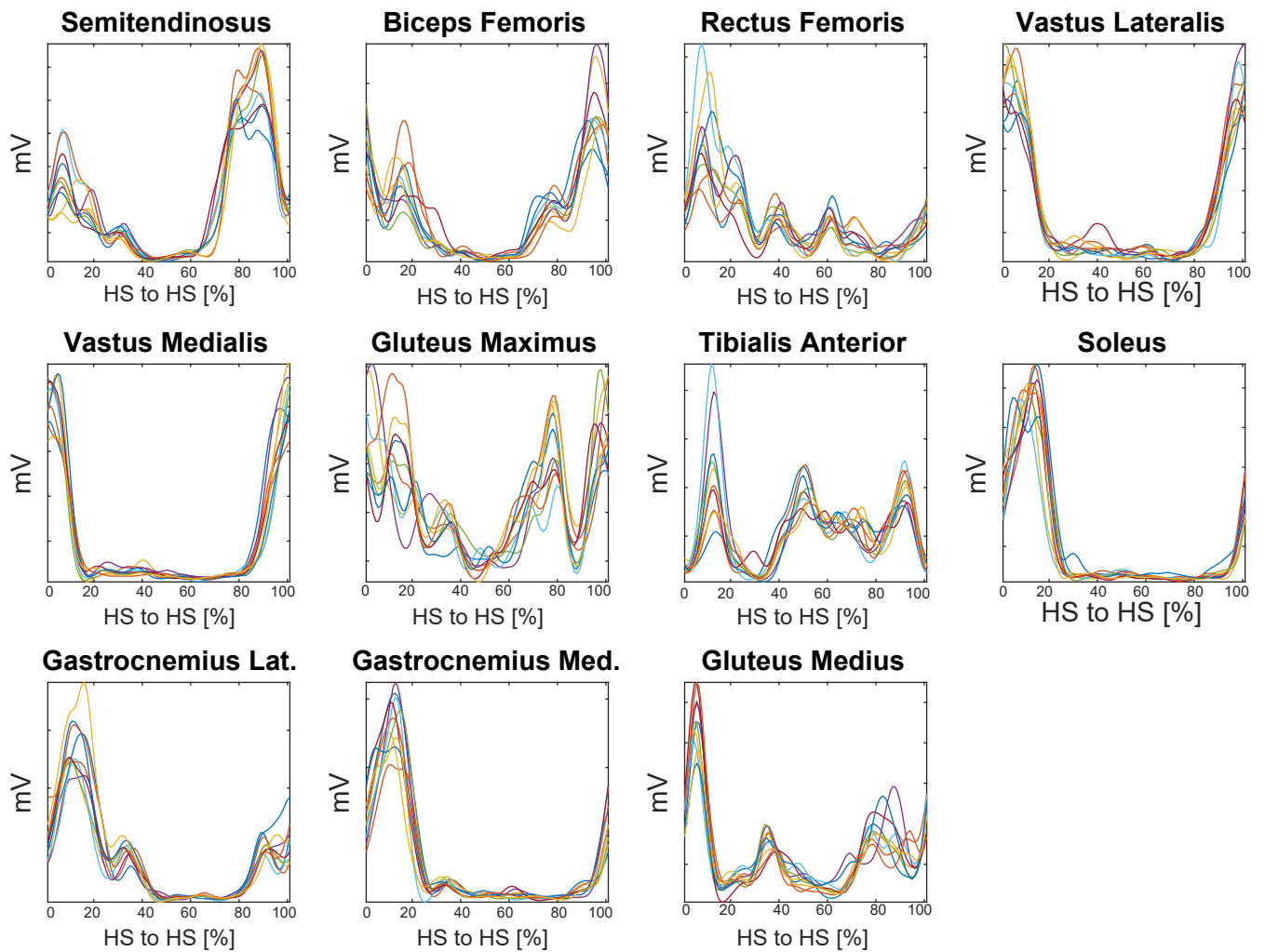


Figure 2: Representative sample traces of every stride for a single subject in a single condition. The horizontal axis is 101 units from (right foot) heel strike to heel strike, and the vertical axis is sEMG (mV). These data (every condition, every subject) were visually inspected for veracity before statistical analysis. As the peak and iEMG values for the individual conditions were not always normally distributed, the median stride for each subject, each condition was calculated for all subsequent analyses using peak EMG (Table 1), and iEMG (Table 2).