

## Supplementary information

### *Excluded Data*

We excluded the data of the left foot of the second block for stimulation site #5 of participant #20 (PT(20).R{5,2} in the code) because we could not identify the peaks of the dorsiflexion using our method (See Methods of the main text and the code, 'PeakDetect.m' (lines 41-59)). This was because the foot posture largely changed in the middle of the trial (See the figure below).

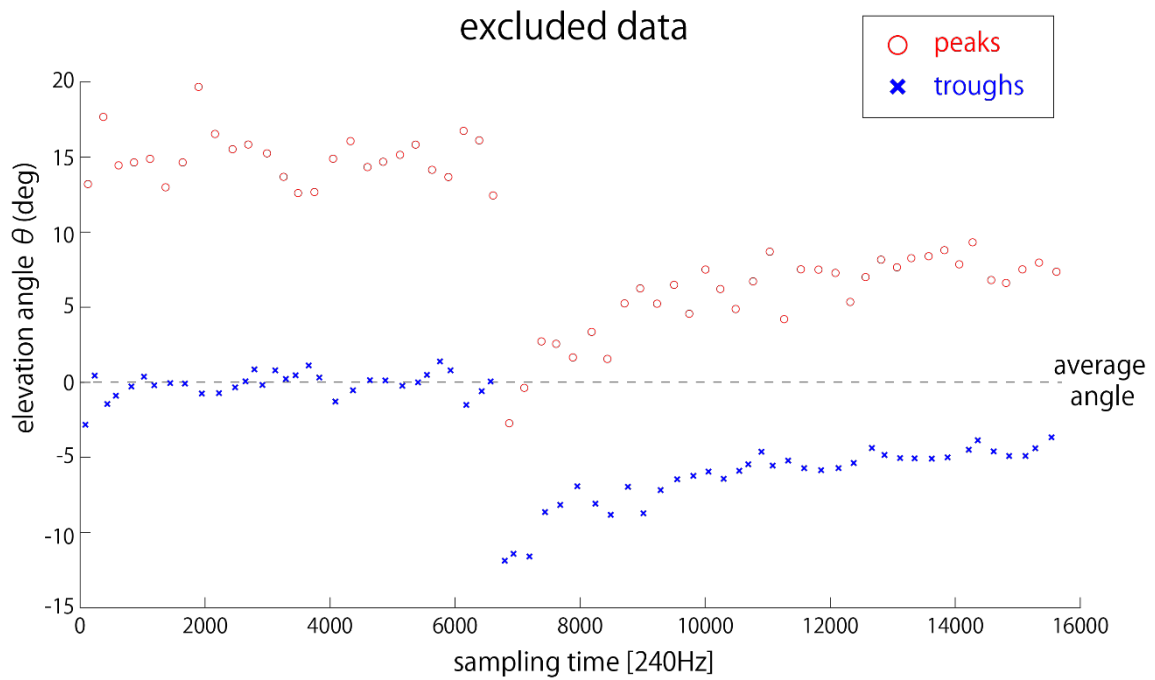


Fig. 1. Excluded data: The peak (red circle) and trough (blue cross) of the elevation angle for each cycle were detected by the visual inspection by authors and plotted.