

SUPPLEMENTARY FIGURE 1. Upper panels show mean and standard deviation (s.d.) of biceps femoris long head (BFIh) and semitendinosus (ST) electromyography (EMG) activity (normalised to maximal voluntary isometric contraction, MVIC) at slow, moderate and fast running speeds. Lower panels represent corresponding SPM{t} test statistic trajectories (thick black lines). Critical thresholds (t^*) are calculated for each comparison after Bonferroni correction (dashed red horizontal lines). These thresholds are not crossed by the SPM{t}, indicating no statistically significant intermuscular differences at any time point of the stride at group level. Running stride sub-phases were defined as early stance (ESt), late stance (LSt), early swing (ESw), mid swing (MSw), and late swing (LSw).

