

SUPPLEMENTARY FIGURE 7. Large inter-individual coefficients of variations in regional activity levels in the early stance (ESt), late stance (LSt), early swing (ESw), mid swing (MSw), and late swing (LSw) at slow ( $4.1 \pm 0.2 \text{ m}\cdot\text{s}^{-1}$ ), moderate ( $5.4 \pm 0.3 \text{ m}\cdot\text{s}^{-1}$ ), and fast ( $6.8 \pm 0.4 \text{ m}\cdot\text{s}^{-1}$ ) running speeds.

