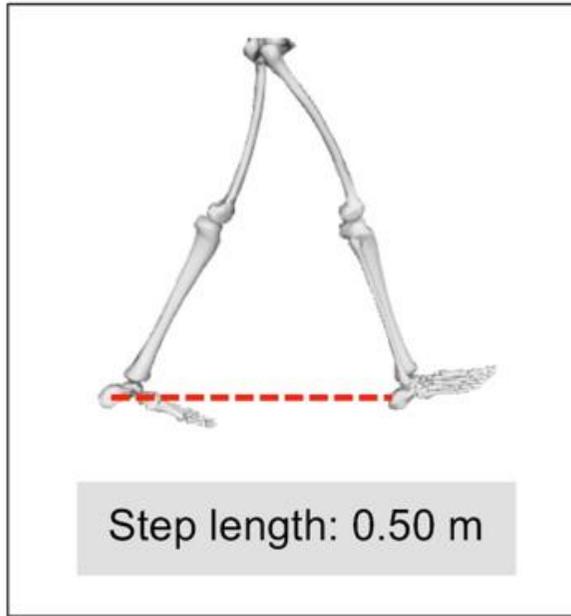
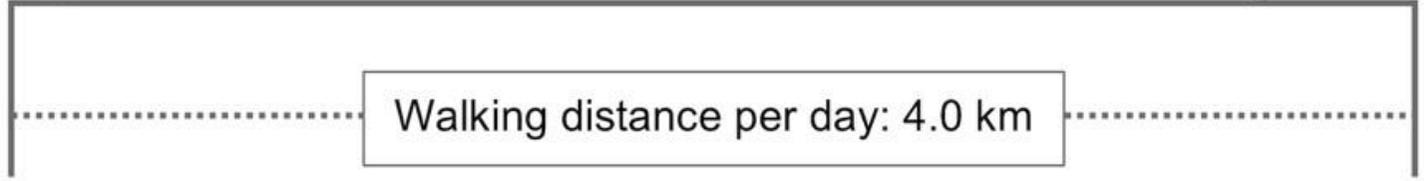


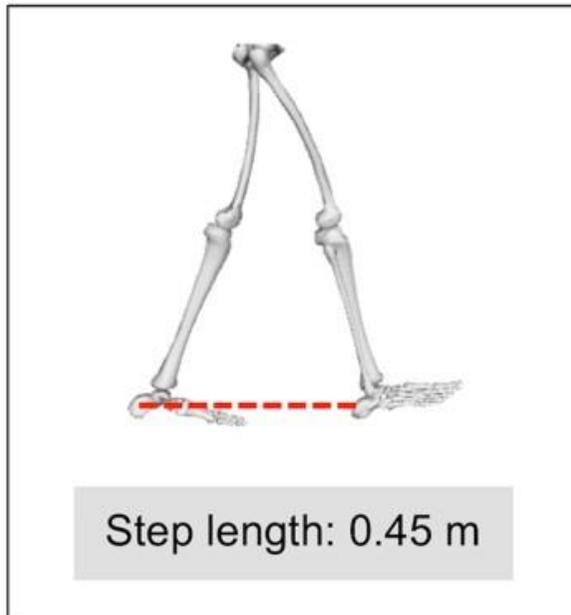
a



Daily cumulative hip moment in the frontal plane
= $0.30 \text{ Nm}\cdot\text{s}/\text{kg} \times 65 \text{ kg} \times (4.0 \text{ km}/0.50 \text{ m})/2$
= $78000 \text{ Nm}\cdot\text{s}$



b



Daily cumulative hip moment in the frontal plane
= $0.30 \text{ Nm}\cdot\text{s}/\text{kg} \times 65 \text{ kg} \times (4.0 \text{ km}/0.45 \text{ m})/2$
= $86667 \text{ Nm}\cdot\text{s}$

