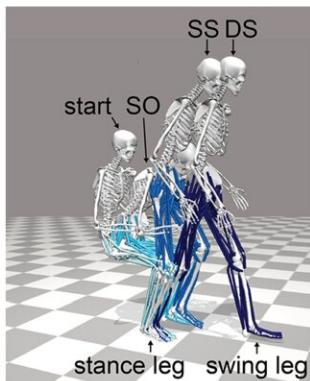


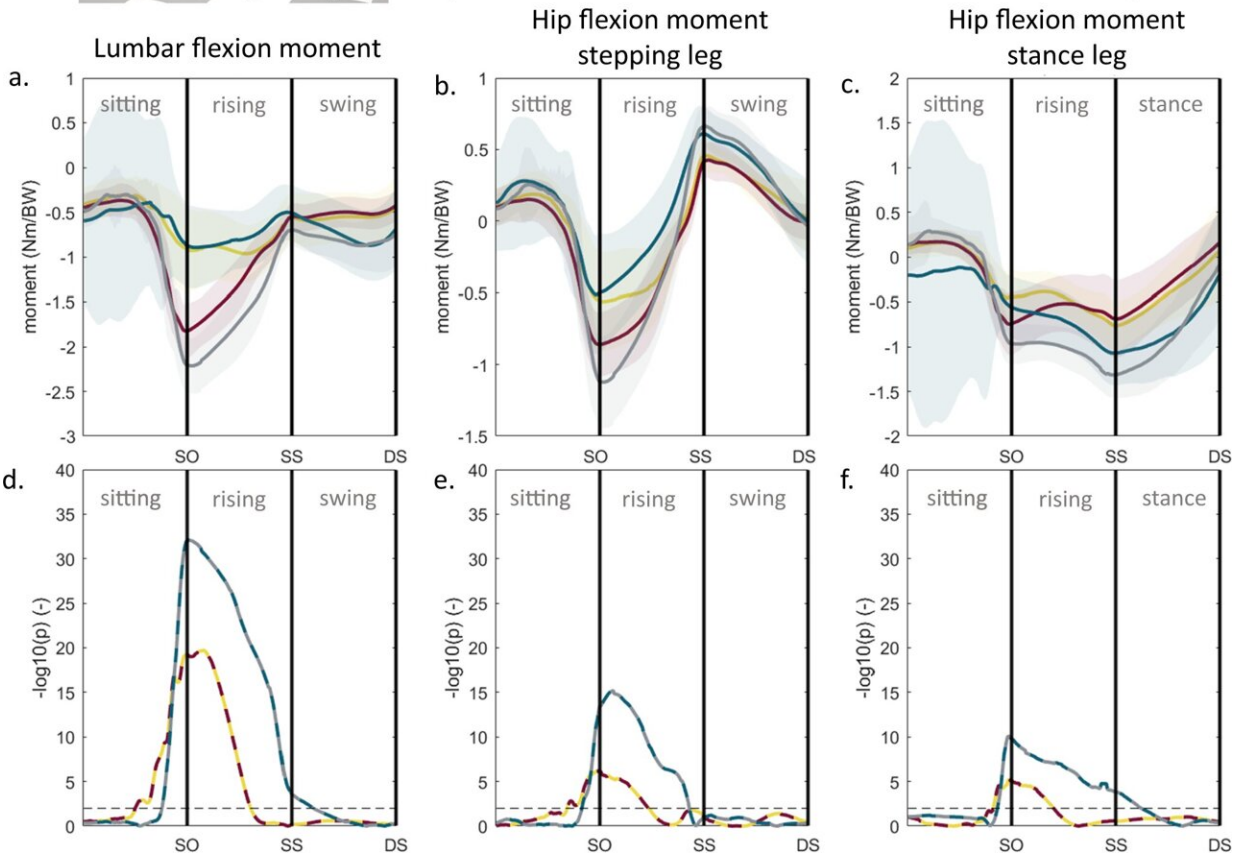
Why do older adults and young people move differently?

September 27 2022



SO = seat-Off
SS = single stance
DS = double stance

ARM SELF ARM FAST LEG SELF LEG FAST



Joint moment during sit-to-walk for distinct arm strategies. Trajectory comparison between ARM and LEG of the (a) lumbar and (b, c) hip joint moments corrected by body weight (BW). The stepping leg is the leg that steps out first. d–f Trajectory analysis: t tests were performed for every time sample. The level of significance is visualized as the negative base-10 logarithm of the p value so that large values represent small p-values; black dashed horizontal line indicates a significant difference (p

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