

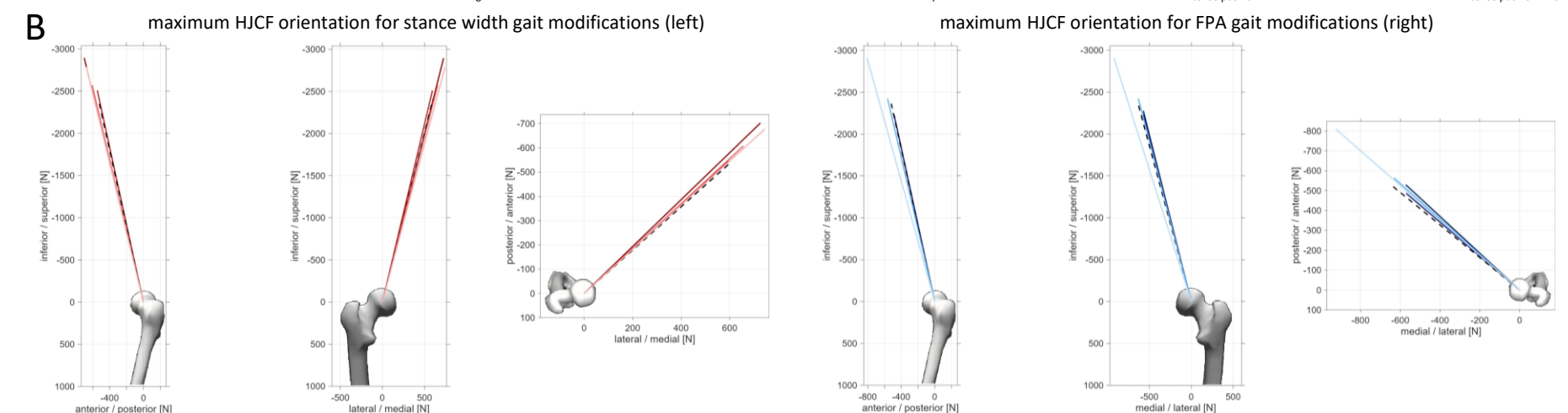
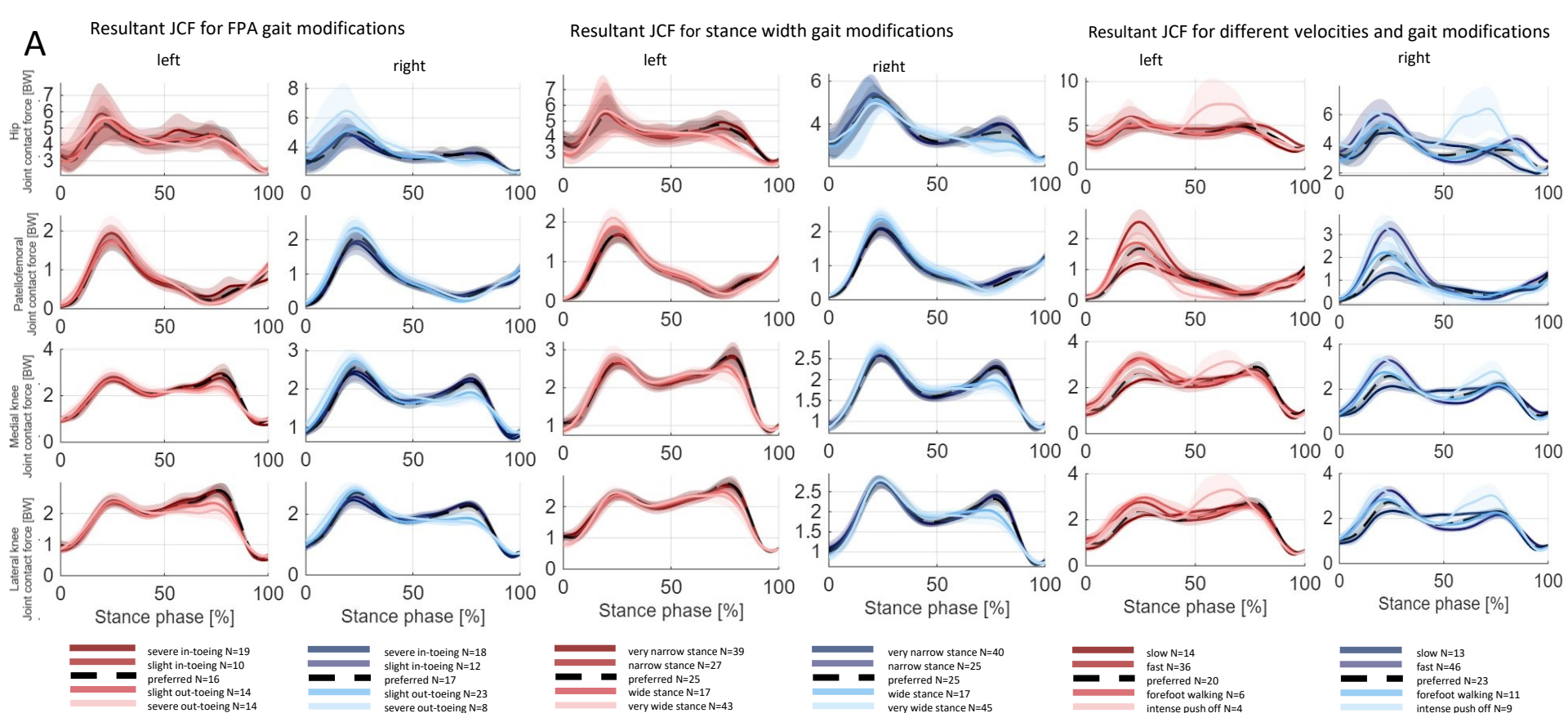


Figure 1A: Mean hip and knee joint contact forces of the stance phase of left and right leg during preferred stance width (physiological walking at free walking speed calculated from leg length), and varying degrees of foot progression angles, stance widths, and walking velocities/styles. **B:** Example maximum orientation vector of the HJCF for varying stance width (left) and FPA (right).