

Appendices 1: Supplemental figure

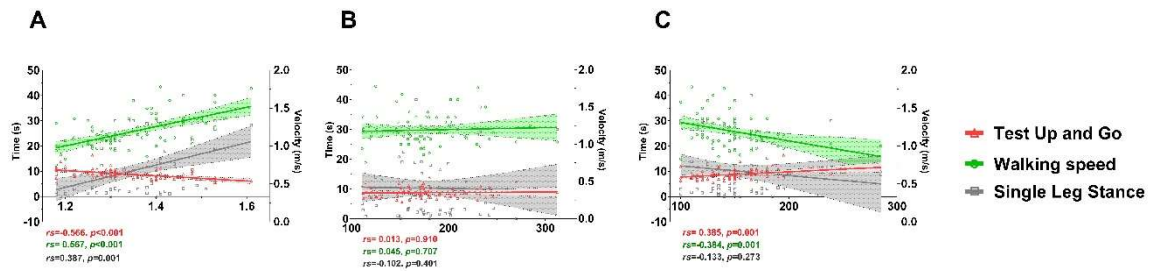


Figure S.1: Correlation between the variables peak force (panel A), impulse (panel B), and peak time (panel C) of the heel rise vs the functional tests of the timed up and go test (red color), walking speed (green color) and single leg stance (gray color).

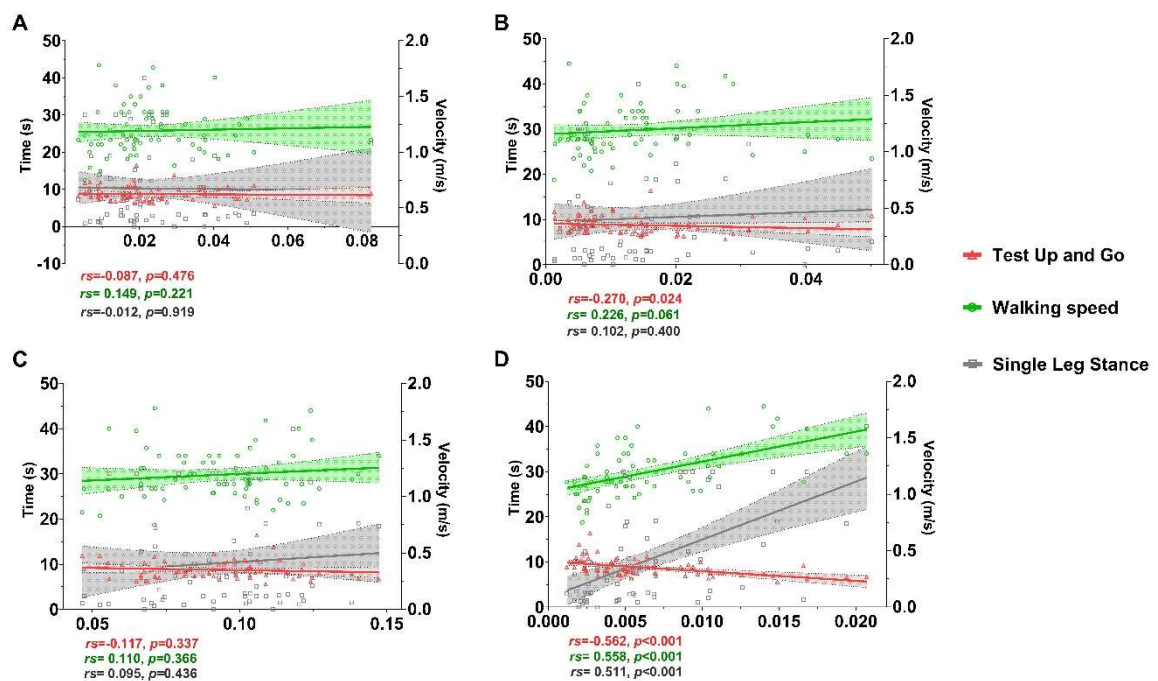


Figure S.2: Correlation between the variables of displacement of the center of pressure (CoP) in X and Y during the elevation phase of the heel rise (panel A corresponds to CoPx; panel C corresponds to CoPy) and the heel drop phase of the heel rise (panel B corresponds to CoPx; panel D corresponds to CoPy), vs. the functional tests of the timed up and go test (red color), walking speed (green color) and single leg stance (gray color).

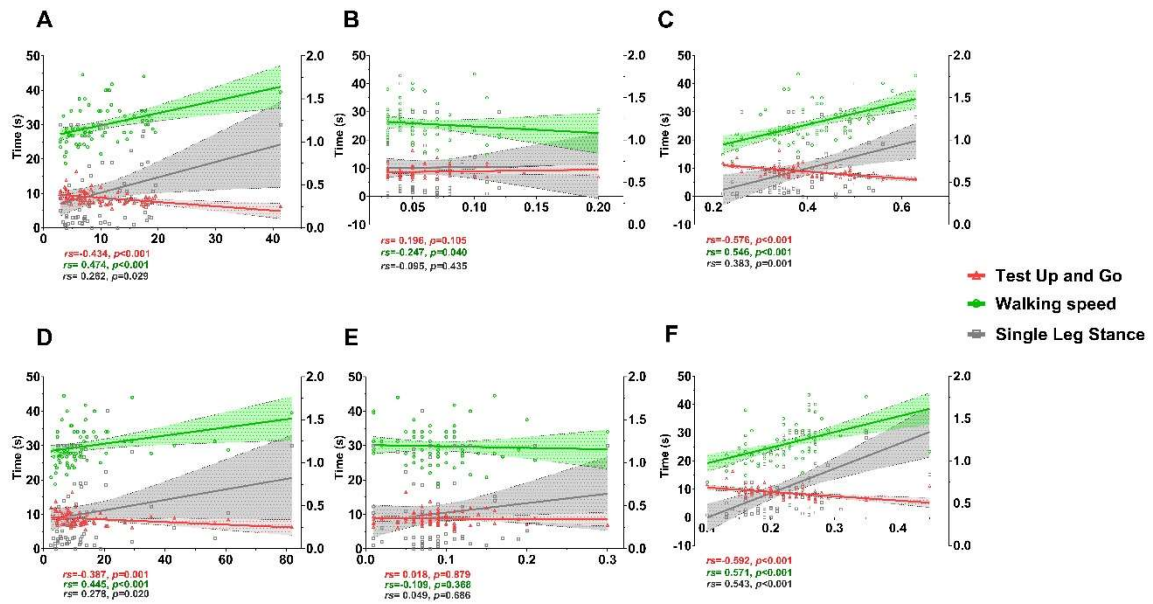


Figure S.3: Correlation between the variables of stiffness and displacement and velocity of the center of mass (CoM) during the elevation phase of the heel rise (panel A is stiffness, panel B is displacement, and panel C is velocity) and during the heel drop phase of the heel rise (panel D is stiffness, panel E is displacement, and panel F is velocity) vs the functional tests of the timed up and go test (red color), walking speed (green color) and single leg stance (gray color).