## **Supplementary Tables**

**Table S1.** Mixed-design ANOVA tests results for pressure-sensing insole variables. Bold

indicates a significant difference (p < 0.05).

	Mixed-Design ANOVA Analysis		
	Walking Condition Main Effect	Faller/Non-Faller Status Main Effect	Interaction Effect
CoP Path			
PD per Stride	F(1,73) = 31.166, p < 0.001, $\eta^2 = 0.299$	$F(1,73) = 0.102, p = 0.750, \eta^2 = 0.001$	F(1,73) = 0.318, $p = 0.575$ , $\eta^2 = 0.004$
PD Length (mm)	$F(1,73) = 0.144, p = 0.705, \eta^2$ $= 0.002$	F(1,73) = 0.070, $p = 0.792$ , $\eta^2 = 0.001$	F(1,73) = 0.191, p = 0.664, $\eta^2 = 0.003$
PD Duration (s)	$F(1,73) = 0.651, p = 0.423, \eta^2$ = 0.009	F(1,73) = 0.568, p = 0.453, $\eta^2 = 0.008$	F(1,73) = 0.611, p = 0.437, $\eta^2 = 0.008$
Medial Deviations per Stride (#)	$F(1,73) = 3.039, p = 0.086, \eta^2$ = 0.040	F(1,73) = 0.299, p = 0.586, $\eta^2 = 0.004$	F(1,73) = 0.043, p = 0.836, $\eta^2 = 0.001$
Medial Deviation Length (mm)	$F(1,73) = 1.303, p = 0.257, \eta^2$ = 0.018	F(1,73) = 1.952, p = 0.167, $\eta^2 = 0.026$	F(1,73) = 1.655, $p = 0.202$ , $\eta^2 = 0.022$
Lateral Deviation Length (mm)	$F(1,73) = 4.705, p = 0.033, \eta^2$ = 0.061	F(1,73) = 0.899, p = 0.346, $\eta^2 = 0.012$	F(1,73) = 0.346, p = 0.558, $\eta^2 = 0.005$
ML Deviation Duration (s)	F(1,73) = 11.527, p = 0.001, $\eta^2 = 0.136$	F(1,73) = 0.023, p = 0.881, $\eta^2 < 0.001$	F(1,73) = 0.311, p = 0.579, $\eta^2 = 0.004$
Min CoP Vel (m/s)	F(1,73) = 35.113, p < 0.001, $\eta^2 = 0.325$	F(1,73) = 1.024, p = 0.315, $\eta^2 = 0.014$	F(1,73) = 0.504, p = 0.480, $\eta^2 = 0.007$
Max CoP Vel (m/s)	$F(1,73) = 2.223, p = 0.140, \eta^2$ $= 0.030$	F(1,73) = 0.023, p = 0.881, $\eta^2 < 0.001$	F(1,73) = 1.323, p = 0.254, $\eta^2 = 0.018$
Mean CoP Vel (m/s)	F(1,73) = 68.784, p < 0.001, $\eta^2 = 0.485$	F(1,73) = 0.223, p = 0.638, $\eta^2 = 0.003$	F(1,73) = 0.939, p = 0.336, $\eta^2 = 0.013$
Median CoP Vel (m/s)	F(1,73) = 91.911, p < 0.001, $\eta^2 = 0.557$	F(1,73) = 0.209, p = 0.649, $\eta^2 = 0.003$	F(1,73) = 0.062, p = 0.804, $\eta^2 = 0.001$
Temporal			
Cadence (steps/minute)	$F(1,73) = 75.960, p < 0.001, \eta^2 = 0.510$	$F(1,73) = 0.003, p = 0.957, \eta^2 < 0.001$	F(1,73) = 1.891, $p = 0.173$ , $\eta^2 = 0.025$
Stride Time (s)	$F(1,73) = 62.868, p < 0.001,  \eta^2 = 0.463$	F(1,73) = 0.058, p = 0.810, $\eta^2 = 0.001$	F(1,73) = 1.790, p = 0.185, $\eta^2 = 0.024$
Stance Time (s)	$F(1,73) = 51.289, p < 0.001,  \eta^2 = 0.413$	F(1,73) = 0.018, p = 0.894, $\eta^2 < 0.001$	F(1,73) = 0.764, p = 0.385, $\eta^2 = 0.010$
Swing Time (s)	F(1,73) = 43.638, p < 0.001, $\eta^2 = 0.374$	$F(1,73) = 0.448, p = 0.505,  \eta^2 = 0.006$	F(1,73) = 1.800, p = 0.184, $\eta^2 = 0.024$
Stride Time CoV	F(1,73) = 12.405, p = 0.001, $\eta^2 = 0.145$	$F(1,73) = 0.901, p = 0.346,\eta^2 = 0.012$	F(1,73) = 0.523, $p = 0.472$ , $\eta^2 = 0.0074$
Stance Time CoV	$F(1,73) = 0.127, p = 0.723, \eta^2$ $= 0.002$	F(1,73) = 0.695, p = 0.407, $\eta^2 = 0.009$	F(1,73) = 1.049, p = 0.309, $\eta^2 = 0.014$
Swing Time CoV	$F(1,73) = 0.194, p = 0.661, \eta^2$ = 0.003	$F(1,73) = 0.354, p = 0.554, \eta^2 = 0.005$	F(1,73) = 0.007, p = 0.935, $\eta^2 < 0.001$
Percent Stance Time (%)	$F(1,73) = 0.123, p = 0.727, \eta^2$ = 0.002	F(1,73) = 0.214, p = 0.645, $\eta^2 = 0.003$	F(1,73) = 0.435, p = 0.512, $\eta^2 = 0.006$
Percent Double-Support Time (%)	$F(1,73) = 0.057, p = 0.812, \eta^2$ = 0.001	$F(1,73) = 0.168, p = 0.683, \eta^2 = 0.002$	$F(1,73) = 0.304, p = 0.583, \eta^2 = 0.004$
Stride Time Symmetry Index	F(1,73) = 12.003, p = 0.001, $\eta^2 = 0.141$	F(1,73) = 0.005, $p = 0.942$ , $\eta^2 < 0.001$	F(1,73) = 0.121, $p = 0.729$ , $\eta^2 = 0.002$

CoP Path Stance Phase C	CoP Path Stance Phase CoV			
CoV AP	F(1,73) = 21.823, p < 0.001,	F(1,73) = 0.525, p = 0.471,	F(1,73) = 9.970, p = 0.002,	
	$\eta^2 = 0.230$	$\eta^2 = 0.007$	$\eta^2 = 0.120$	
CoV ML	F(1,73) = 10.331, p = 0.002,	F(1,73) = 0.131, p = 0.718,	F(1,73) = 0.140, p = 0.709,	
	$\eta^2 = 0.124$	$\eta^2 = 0.002$	$\eta^2 = 0.002$	
Impulse (Ns/kg)				
Foot-strike to first peak	F(1,73) = 30.524, p < 0.001,	F(1,73) = 0.107, p = 0.744,	F(1,73) = 1.953, p = 0.167,	
(I1)	$\eta^2 = 0.295$	$\eta^2 = 0.001$	$\eta^2 = 0.026$	
First peak to min (I2)	$F(1,73) = 6.078, p = 0.016, \eta^2$	F(1,73) = 0.726, p = 0.397,	F(1,73) = 1.936, p = 0.168,	
	= 0.077	$\eta^2 = 0.010$	$\eta^2 = 0.026$	
Min to second peak (I3)	$F(1,73) = 4.115, p = 0.046, \eta^2$	F(1,73) = 3.075, p = 0.084,	F(1,73) = 0.050, p = 0.824,	
	= 0.053	$\eta^2 = 0.040$	$\eta^2 = 0.001$	
Second peak to foot-off	F(1,73) = 22.006, p < 0.001,	F(1,73) = 0.132, p = 0.717,	F(1,73) = 0.257, p = 0.614,	
(I4)	$\eta^2 = 0.232$	$\eta^2 = 0.002$	$\eta^2 = 0.004$	
Foot-strike to min (I5)	$F(1,73) = 5.566, p = 0.021, \eta^2$	F(1,73) = 0.578, p = 0.450,	F(1,73) = 1.921, p = 0.170,	
	= 0.071	$\eta^2 = 0.008$	$\eta^2 = 0.026$	
Min to foot-off (I6)	F(1,73) = 21.351, p < 0.001,	F(1,73) = 1.449, p = 0.233,	F(1,73) = 0.060, p = 0.807,	
	$\eta^2 = 0.226$	$\eta^2 = 0.019$	$\eta^2 = 0.001$	
Foot-strike to foot-off	F(1,73) = 22.578, p < 0.001,	F(1,73) = 0.162, p = 0.688,	F(1,73) = 1.037, p = 0.312,	
(I7)	$\eta^2 = 0.236$	$\eta^2 = 0.002$	$\eta^2 = 0.014$	

**Table S2.** Mixed-design ANOVA tests results for head accelerometer variables. Bold indicates asignificant difference (p < 0.05).

	Mixed-Design ANOVA Analysis		
	Walking Condition Main	Faller/Non-Faller Status	Interaction Effect
<b>FFT F*4 O4 1</b> - (0/ )	Effect	Main Effect	
FFT First Quartile (%)		F(1.72) 0.224 0.5(5	E(1.72) 0.021 0.004
Vertical	$F(1,73) = 29.151, p < 0.001, \eta^2 = 0.285$	F(1,73) = 0.334, $p = 0.565$ , $\eta^2 = 0.005$	$F(1,73) = 0.021, p = 0.884, \eta^2 < 0.001$
AP	F(1,73) = 21.982, p < 0.001, $\eta^2 = 0.231$	F(1,73) = 4.217, $p = 0.044$ , $\eta^2 = 0.055$	F(1,73) = 1.027, $p = 0.314$ , $\eta^2 = 0.014$
ML	F(1,73) = 10.335, p = 0.002, $\eta^2 = 0.124$	$F(1,73) = 0.126, p = 0.723, \eta^2 = 0.002$	F(1,73) = 0.268, p = 0.607, $\eta^2 = 0.004$
Ratio of Even to Odd Ha		1 - 0.002	1 - 0.001
Vertical	F(1,73) = 4.297, p = 0.042,	F(1,73) = 0.384, p = 0.537,	F(1,73) = 0.618, p = 0.434,
Vertical	$\eta^2 = 0.056$	$\eta^2 = 0.005$	$\eta^2 = 0.008$
AP	F(1,73) = 7.692, p = 0.007,	F(1,73) = 0.735, p = 0.394,	F(1,73) = 3.038, p = 0.086,
	$\eta^2 = 0.095$	$\eta^2 = 0.010$	$\eta^2 = 0.040$
ML	F(1,73) = 1.104, p = 0.297,	F(1,73) = 1.333, p = 0.252,	F(1,73) = 0.296, p = 0.588,
	$\eta^2 = 0.015$	$\eta^2 = 0.018$	$\eta^2 = 0.004$
Maximum Lyapunov Exp	ponent		
Vertical	F(1,73) = 2.846, p = 0.096,	F(1,73) = 0.315, p = 0.576,	F(1,73) = 1.237, p = 0.270,
	$\eta^2 = 0.038$	$\eta^2 = 0.004$	$\eta^2 = 0.017$
AP	F(1,73) = 0.106, p = 0.746,	F(1,73) = 0.741, p = 0.392,	F(1,73) = 2.190, p = 0.143,
	$\eta^2 = 0.001$	$\eta^2 = 0.010$	$\eta^2 = 0.029$
ML	F(1,73) = 5.331, p = 0.024,	F(1,73) = 0.182, p = 0.671,	F(1,73) = 1.116, p = 0.294,
	$\eta^2 = 0.068$	$\eta^2 = 0.002$	$\eta^2 = 0.015$
<b>Acceleration Descriptive</b>	Statistics (g)		
Superior Max	F(1,73) = 29.960, p < 0.001,	F(1,73) = 5.376, p = 0.023,	F(1,73) = 0.101, p = 0.751,
	$\eta^2 = 0.291$	$\eta^2 = 0.069$	$\eta^2 = 0.001$
Superior Mean	F(1,73) = 22.368, p < 0.001,	F(1,73) = 3.131, p = 0.081,	F(1,73) = 0.793, p = 0.376,
	$\eta^2 = 0.235$	$\eta^2 = 0.041$	$\eta^2 = 0.011$
Superior SD	F(1,73) = 18.481, p < 0.001,	F(1,73) = 3.363, p = 0.071,	F(1,73) = 0.078, p = 0.781,
	$\eta^2 = 0.202$	$\eta^2 = 0.044$	$\eta^2 = 0.001$
Inferior Max	F(1,73) = 2.013, p = 0.160,	F(1,73) = 0.043, p = 0.836,	F(1,73) = 0.247, p = 0.620,
	$\eta^2 = 0.027$	$\eta^2 = 0.001$	$\eta^2 = 0.003$
Inferior Mean	F(1,73) = 1.931, p = 0.169,	F(1,73) = 0.118, p = 0.732,	F(1,73) = 0.123, p = 0.726,
	$\eta^2 = 0.026$	$\eta^2 = 0.002$	$\eta^2 = 0.002$
Inferior SD	$\eta^2 = 0.026$ F(1,73) = 2.328, p = 0.131,	$\eta^2 = 0.002$ F(1,73) = 0.019, p = 0.891,	F(1,73) = 0.186, p = 0.668,
	$\eta^2 = 0.026$ F(1,73) = 2.328, p = 0.131, $\eta^2 = 0.031$	$\begin{aligned} \eta^2 &= 0.002\\ F(1,73) &= 0.019,  p = 0.891,\\ \eta^2 &< 0.001 \end{aligned}$	F(1,73) = 0.186, p = 0.668, $\eta^2 = 0.003$
Inferior SD Anterior Max	$\begin{aligned} \eta^2 &= 0.026\\ F(1,73) &= 2.328, \ p = 0.131,\\ \eta^2 &= 0.031\\ F(1,73) &= 0.955, \ p = 0.332, \end{aligned}$	$\begin{aligned} \eta^2 &= 0.002\\ F(1,73) &= 0.019,  p = 0.891,\\ \eta^2 &< 0.001\\ F(1,73) &= 0.921,  p = 0.340, \end{aligned}$	$F(1,73) = 0.186, p = 0.668,  \eta^2 = 0.003 F(1,73) = 0.123, p = 0.727,$
Anterior Max	$\begin{aligned} & \eta^2 = 0.026 \\ F(1,73) = 2.328, \ p = 0.131, \\ & \eta^2 = 0.031 \\ F(1,73) = 0.955, \ p = 0.332, \\ & \eta^2 = 0.013 \end{aligned}$	$\begin{aligned} \eta^2 &= 0.002 \\ F(1,73) &= 0.019,  p = 0.891, \\ \eta^2 &< 0.001 \\ F(1,73) &= 0.921,  p = 0.340, \\ \eta^2 &= 0.012 \end{aligned}$	$F(1,73) = 0.186, p = 0.668,  \eta^2 = 0.003 F(1,73) = 0.123, p = 0.727,  \eta^2 = 0.002$
	$\begin{aligned} & \eta^2 = 0.026 \\ F(1,73) = 2.328, \ p = 0.131, \\ & \eta^2 = 0.031 \\ F(1,73) = 0.955, \ p = 0.332, \\ & \eta^2 = 0.013 \\ F(1,73) = 7.928, \ p = 0.006, \end{aligned}$	$\begin{aligned} & \eta^2 = 0.002 \\ F(1,73) = 0.019,  p = 0.891, \\ & \eta^2 < 0.001 \\ F(1,73) = 0.921,  p = 0.340, \\ & \eta^2 = 0.012 \\ F(1,73) = 1.294,  p = 0.259, \end{aligned}$	$\begin{aligned} F(1,73) &= 0.186,  p = 0.668, \\ \eta^2 &= 0.003 \\ F(1,73) &= 0.123,  p = 0.727, \\ \eta^2 &= 0.002 \\ F(1,73) &= 0.089,  p = 0.767, \end{aligned}$
Anterior Max Anterior Mean	$\begin{aligned} & \eta^2 = 0.026 \\ F(1,73) = 2.328, \ p = 0.131, \\ & \eta^2 = 0.031 \\ F(1,73) = 0.955, \ p = 0.332, \\ & \eta^2 = 0.013 \\ F(1,73) = 7.928, \ p = 0.006, \\ & \eta^2 = 0.098 \end{aligned}$	$\begin{aligned} & \eta^2 = 0.002 \\ F(1,73) = 0.019,  p = 0.891, \\ & \eta^2 < 0.001 \\ F(1,73) = 0.921,  p = 0.340, \\ & \eta^2 = 0.012 \\ F(1,73) = 1.294,  p = 0.259, \\ & \eta^2 = 0.017 \end{aligned}$	$F(1,73) = 0.186, p = 0.668,\eta^2 = 0.003$ $F(1,73) = 0.123, p = 0.727,\eta^2 = 0.002$ $F(1,73) = 0.089, p = 0.767,\eta^2 = 0.001$
Anterior Max	$\eta^{2} = 0.026$ F(1,73) = 2.328, p = 0.131, $\eta^{2} = 0.031$ F(1,73) = 0.955, p = 0.332, $\eta^{2} = 0.013$ F(1,73) = 7.928, p = 0.006, $\eta^{2} = 0.098$ F(1,73) = 1.836, p = 0.180,	$\begin{aligned} &\eta^2 = 0.002 \\ F(1,73) = 0.019,  p = 0.891, \\ &\eta^2 < 0.001 \\ F(1,73) = 0.921,  p = 0.340, \\ &\eta^2 = 0.012 \\ F(1,73) = 1.294,  p = 0.259, \\ &\eta^2 = 0.017 \\ F(1,73) = 0.958,  p = 0.331, \end{aligned}$	$\begin{split} F(1,73) &= 0.186,  p = 0.668, \\ \eta^2 &= 0.003 \\ F(1,73) &= 0.123,  p = 0.727, \\ \eta^2 &= 0.002 \\ F(1,73) &= 0.089,  p = 0.767, \\ \eta^2 &= 0.001 \\ F(1,73) &= 0.341,  p = 0.561, \end{split}$
Anterior Max Anterior Mean Anterior SD	$\eta^{2} = 0.026$ F(1,73) = 2.328, p = 0.131, $\eta^{2} = 0.031$ F(1,73) = 0.955, p = 0.332, $\eta^{2} = 0.013$ F(1,73) = 7.928, p = 0.006, $\eta^{2} = 0.098$ F(1,73) = 1.836, p = 0.180, $\eta^{2} = 0.025$	$\begin{aligned} &\eta^2 = 0.002 \\ F(1,73) = 0.019,  p = 0.891, \\ &\eta^2 < 0.001 \\ F(1,73) = 0.921,  p = 0.340, \\ &\eta^2 = 0.012 \\ F(1,73) = 1.294,  p = 0.259, \\ &\eta^2 = 0.017 \\ F(1,73) = 0.958,  p = 0.331, \\ &\eta^2 = 0.013 \end{aligned}$	$F(1,73) = 0.186, p = 0.668,  \eta^2 = 0.003  F(1,73) = 0.123, p = 0.727,  \eta^2 = 0.002  F(1,73) = 0.089, p = 0.767,  \eta^2 = 0.001  F(1,73) = 0.341, p = 0.561,  \eta^2 = 0.005 $
Anterior Max Anterior Mean	$\begin{aligned} \eta^2 &= 0.026 \\ F(1,73) &= 2.328, \ p &= 0.131, \\ \eta^2 &= 0.031 \\ F(1,73) &= 0.955, \ p &= 0.332, \\ \eta^2 &= 0.013 \\ \hline F(1,73) &= 7.928, \ p &= 0.006, \\ \eta^2 &= 0.098 \\ F(1,73) &= 1.836, \ p &= 0.180, \\ \eta^2 &= 0.025 \\ F(1,73) &= 0.021, \ p &= 0.885, \end{aligned}$	$\begin{split} \eta^2 &= 0.002 \\ F(1,73) &= 0.019,  p = 0.891, \\ \eta^2 &< 0.001 \\ F(1,73) &= 0.921,  p = 0.340, \\ \eta^2 &= 0.012 \\ F(1,73) &= 1.294,  p = 0.259, \\ \eta^2 &= 0.017 \\ F(1,73) &= 0.958,  p = 0.331, \\ \eta^2 &= 0.013 \\ F(1,73) &= 0.917,  p = 0.342, \end{split}$	$\begin{split} F(1,73) &= 0.186,  p = 0.668, \\ \eta^2 &= 0.003 \\ F(1,73) &= 0.123,  p = 0.727, \\ \eta^2 &= 0.002 \\ F(1,73) &= 0.089,  p = 0.767, \\ \eta^2 &= 0.001 \\ F(1,73) &= 0.341,  p = 0.561, \\ \eta^2 &= 0.005 \\ F(1,73) &= 0.063,  p = 0.802, \end{split}$
Anterior Max Anterior Mean Anterior SD	$\begin{aligned} &\eta^2 = 0.026 \\ F(1,73) = 2.328, \ p = 0.131, \\ &\eta^2 = 0.031 \\ F(1,73) = 0.955, \ p = 0.332, \\ &\eta^2 = 0.013 \\ \hline F(1,73) = 7.928, \ p = 0.006, \\ &\eta^2 = 0.098 \\ F(1,73) = 1.836, \ p = 0.180, \\ &\eta^2 = 0.025 \\ F(1,73) = 0.021, \ p = 0.885, \\ &\eta^2 < 0.001 \end{aligned}$	$\begin{split} \eta^2 &= 0.002 \\ F(1,73) &= 0.019,  p = 0.891, \\ \eta^2 &< 0.001 \\ F(1,73) &= 0.921,  p = 0.340, \\ \eta^2 &= 0.012 \\ F(1,73) &= 1.294,  p = 0.259, \\ \eta^2 &= 0.017 \\ F(1,73) &= 0.958,  p = 0.331, \\ \eta^2 &= 0.013 \\ F(1,73) &= 0.917,  p = 0.342, \\ \eta^2 &= 0.012 \\ \end{split}$	$F(1,73) = 0.186, p = 0.668,  \eta^2 = 0.003  F(1,73) = 0.123, p = 0.727,  \eta^2 = 0.002  F(1,73) = 0.089, p = 0.767,  \eta^2 = 0.001  F(1,73) = 0.341, p = 0.561,  \eta^2 = 0.005 $
Anterior Max Anterior Mean Anterior SD Posterior Max	$\begin{split} &\eta^2 = 0.026\\ F(1,73) = 2.328, \ p = 0.131,\\ &\eta^2 = 0.031\\ F(1,73) = 0.955, \ p = 0.332,\\ &\eta^2 = 0.013\\ \hline & F(1,73) = 7.928, \ p = 0.006,\\ &\eta^2 = 0.098\\ F(1,73) = 1.836, \ p = 0.180,\\ &\eta^2 = 0.025\\ F(1,73) = 0.021, \ p = 0.885,\\ &\eta^2 < 0.001\\ F(1,73) = 0.287, \ p = 0.594, \end{split}$	$\begin{split} &\eta^2 = 0.002 \\ F(1,73) = 0.019,  p = 0.891, \\ &\eta^2 < 0.001 \\ F(1,73) = 0.921,  p = 0.340, \\ &\eta^2 = 0.012 \\ F(1,73) = 1.294,  p = 0.259, \\ &\eta^2 = 0.017 \\ F(1,73) = 0.958,  p = 0.331, \\ &\eta^2 = 0.013 \\ F(1,73) = 0.917,  p = 0.342, \\ &\eta^2 = 0.012 \\ F(1,73) = 0.323,  p = 0.571, \end{split}$	$\begin{split} F(1,73) &= 0.186,  p = 0.668, \\ \eta^2 &= 0.003 \\ F(1,73) &= 0.123,  p = 0.727, \\ \eta^2 &= 0.002 \\ F(1,73) &= 0.089,  p = 0.767, \\ \eta^2 &= 0.001 \\ F(1,73) &= 0.341,  p = 0.561, \\ \eta^2 &= 0.005 \\ F(1,73) &= 0.063,  p = 0.802, \\ \eta^2 &= 0.001 \\ F(1,73) &= 0.006,  p = 0.939, \end{split}$
Anterior Max Anterior Mean Anterior SD Posterior Max Posterior Mean	$\begin{aligned} &\eta^2 = 0.026 \\ F(1,73) = 2.328, \ p = 0.131, \\ &\eta^2 = 0.031 \\ F(1,73) = 0.955, \ p = 0.332, \\ &\eta^2 = 0.013 \\ F(1,73) = 7.928, \ p = 0.006, \\ &\eta^2 = 0.098 \\ F(1,73) = 1.836, \ p = 0.180, \\ &\eta^2 = 0.025 \\ F(1,73) = 0.021, \ p = 0.885, \\ &\eta^2 < 0.001 \\ F(1,73) = 0.287, \ p = 0.594, \\ &\eta^2 = 0.004 \end{aligned}$	$\begin{split} &\eta^2 = 0.002\\ F(1,73) = 0.019, p = 0.891,\\ &\eta^2 < 0.001\\ F(1,73) = 0.921, p = 0.340,\\ &\eta^2 = 0.012\\ F(1,73) = 1.294, p = 0.259,\\ &\eta^2 = 0.017\\ F(1,73) = 0.958, p = 0.331,\\ &\eta^2 = 0.013\\ F(1,73) = 0.917, p = 0.342,\\ &\eta^2 = 0.012\\ F(1,73) = 0.323, p = 0.571,\\ &\eta^2 = 0.004\\ \end{split}$	$\begin{split} F(1,73) &= 0.186, p = 0.668, \\ \eta^2 &= 0.003 \\ F(1,73) &= 0.123, p = 0.727, \\ \eta^2 &= 0.002 \\ F(1,73) &= 0.089, p = 0.767, \\ \eta^2 &= 0.001 \\ F(1,73) &= 0.341, p = 0.561, \\ \eta^2 &= 0.005 \\ F(1,73) &= 0.063, p = 0.802, \\ \eta^2 &= 0.001 \\ F(1,73) &= 0.006, p = 0.939, \\ \eta^2 &< 0.001 \\ \end{split}$
Anterior Max Anterior Mean Anterior SD Posterior Max	$\begin{split} &\eta^2 = 0.026\\ F(1,73) = 2.328, \ p = 0.131,\\ &\eta^2 = 0.031\\ F(1,73) = 0.955, \ p = 0.332,\\ &\eta^2 = 0.013\\ \hline & F(1,73) = 7.928, \ p = 0.006,\\ &\eta^2 = 0.098\\ F(1,73) = 1.836, \ p = 0.180,\\ &\eta^2 = 0.025\\ F(1,73) = 0.021, \ p = 0.885,\\ &\eta^2 < 0.001\\ F(1,73) = 0.287, \ p = 0.594, \end{split}$	$\begin{split} &\eta^2 = 0.002 \\ F(1,73) = 0.019,  p = 0.891, \\ &\eta^2 < 0.001 \\ F(1,73) = 0.921,  p = 0.340, \\ &\eta^2 = 0.012 \\ F(1,73) = 1.294,  p = 0.259, \\ &\eta^2 = 0.017 \\ F(1,73) = 0.958,  p = 0.331, \\ &\eta^2 = 0.013 \\ F(1,73) = 0.917,  p = 0.342, \\ &\eta^2 = 0.012 \\ F(1,73) = 0.323,  p = 0.571, \end{split}$	$\begin{split} F(1,73) &= 0.186, p = 0.668, \\ \eta^2 &= 0.003 \\ F(1,73) &= 0.123, p = 0.727, \\ \eta^2 &= 0.002 \\ F(1,73) &= 0.089, p = 0.767, \\ \eta^2 &= 0.001 \\ F(1,73) &= 0.341, p = 0.561, \\ \eta^2 &= 0.005 \\ F(1,73) &= 0.063, p = 0.802, \\ \eta^2 &= 0.001 \\ F(1,73) &= 0.006, p = 0.939, \end{split}$

	$\eta^2 = 0.106$	$\eta^2 < 0.001$	$\eta^2 = 0.017$
Right Mean	F(1,73) = 10.375, p = 0.002,	F(1,73) = 0.340, p = 0.562,	F(1,73) = 0.075, p = 0.784,
	$\eta^2 = 0.124$	$\eta^2 = 0.005$	$\eta^2 = 0.001$
Right SD	F(1,73) = 10.907, p = 0.001,	F(1,73) = 0.007, p = 0.935,	F(1,73) = 0.842, p = 0.362,
	$\eta^2 = 0.130$	$\eta^2 < 0.001$	$\eta^2 = 0.011$
Left Max	F(1,73) = 2.022, p = 0.159,	F(1,73) = 0.879, p = 0.352,	F(1,73) = 2.011, p = 0.160,
	$\eta^2 = 0.027$	$\eta^2 = 0.012$	$\eta^2 = 0.027$
Left Mean	F(1,73) = 2.989, p = 0.088,	F(1,73) = 1.952, p = 0.167,	F(1,73) = 3.087, p = 0.083,
	$\eta^2 = 0.039$	$\eta^2 = 0.026$	$\eta^2 = 0.041$
Left SD	F(1,73) = 0.602, p = 0.440,	F(1,73) = 0.453, p = 0.503,	F(1,73) = 1.253, p = 0.267,
	$\eta^2 = 0.008$	$\eta^2 = 0.006$	$\eta^2 = 0.017$

**Table S3.** Mixed-design ANOVA tests results for posterior pelvis accelerometer variables. Boldindicates a significant difference (p < 0.05).

	Mixed-Design ANOVA Analysis		
	Walking Condition Main Effect	Faller/Non-Faller Status Main Effect	Interaction Effect
FFT First Quartile (%)			
Vertical	$F(1,71) = 33.338, p < 0.001, \eta^2 = 0.320$	F(1,71) = 0.259, $p = 0.612$ , $\eta^2 = 0.004$	$F(1,71) = 0.422, p = 0.518, \eta^2 = 0.006$
AP	$F(1,71) = 8.637, p = 0.004, \eta^2$ = 0.108	F(1,71) = 1.981, $p = 0.164$ , $\eta^2 = 0.027$	F(1,71) = 0.023, $p = 0.879$ , $\eta^2 < 0.001$
ML	F(1,71) = 12.400, p = 0.001, $\eta^2 = 0.149$	F(1,71) = 0.076, $p = 0.784$ , $\eta^2 = 0.001$	F(1,71) = 0.478, $p = 0.491$ , $\eta^2 = 0.007$
Ratio of Even to Odd Ha			•
Vertical	$F(1,71) = 4.108, p = 0.046, \eta^2$	F(1,71) = 0.001, p = 0.971,	F(1,71) = 0.162, p = 0.688,
	= 0.055	$\eta^2 < 0.001$	$\eta^2 = 0.002$
AP	$F(1,71) = 5.850, p = 0.018, \eta^2$ = 0.076	$F(1,71) = 0.342, p = 0.560,  \eta^2 = 0.005$	$F(1,71) = 0.084, p = 0.773, \eta^2 = 0.001$
ML	$F(1,71) = 0.792, p = 0.377, \eta^2$ = 0.011	F(1,71) = 0.030, p = 0.862, $\eta^2 < 0.001$	F(1,71) = 0.004, $p = 0.953$ , $\eta^2 < 0.001$
Maximum Lyapunov Ex			
Vertical	$F(1,71) = 3.627, p = 0.061, \eta^2$ = 0.049	F(1,71) = 0.012, $p = 0.912$ , $\eta^2 < 0.001$	F(1,71) = 0.744, $p$ = 0.391, $\eta^2$ = 0.010
AP	$F(1,71) = 0.073, p = 0.789, \eta^2$ = 0.001	F(1,71) = 0.008, p = 0.928, $\eta^2 < 0.001$	F(1,71) = 0.051, $p = 0.822$ , $\eta^2 = 0.001$
ML	$F(1,71) = 6.913, p = 0.010, \eta^2$ = 0.089	F(1,71) = 2.688, p = 0.106, $\eta^2 = 0.036$	F(1,71) = 0.002, p = 0.969, $\eta^2 < 0.001$
Acceleration Descriptive			
Superior Max	F(1,71) = 5.609, $p$ = 0.021, $\eta^2$ = 0.073	F(1,71) = 0.741, $p = 0.392$ , $\eta^2 = 0.010$	F(1,71) = 0.864, $p = 0.356$ , $\eta^2 = 0.012$
Superior Mean	F(1,71) = 17.158, p < 0.001, $\eta^2 = 0.195$	F(1,71) = 0.142, p = 0.708, $\eta^2 = 0.002$	F(1,71) = 0.863, p = 0.356, $\eta^2 = 0.012$
Superior SD	F(1,71) = 18.516, p < 0.001, $\eta^2 = 0.207$	F(1,71) = 0.473, p = 0.494, $\eta^2 = 0.007$	F(1,71) = 0.827, p = 0.366, $\eta^2 = 0.012$
Inferior Max	F(1,71) = 21.109, p < 0.001, $\eta^2 = 0.229$	F(1,71) = 0.605, p = 0.439, $\eta^2 = 0.008$	F(1,71) = 1.682, p = 0.199, $\eta^2 = 0.023$
Inferior Mean	$F(1,71) = 19.490, p < 0.001, \eta^2 = 0.215$	$F(1,71) = 0.272, p = 0.603, \eta^2 = 0.004$	F(1,71) = 1.404, p = 0.240, $\eta^2 = 0.019$
Inferior SD	$F(1,71) = 26.319, p < 0.001, \eta^2 = 0.270$	F(1,71) = 0.663, $p$ = 0.418, $\eta^2$ = 0.009	F(1,71) = 2.666, $p = 0.107$ , $\eta^2 = 0.036$
Anterior Max	F(1,71) = 29.255, p < 0.001, $\eta^2 = 0.292$	F(1,71) = 1.067, p = 0.305, $\eta^2 = 0.015$	F(1,71) = 2.602, $p = 0.111$ , $\eta^2 = 0.035$
Anterior Mean	$F(1,71) = 15.505, p < 0.001,  \eta^2 = 0.179$	F(1,71) = 1.203, $p = 0.276$ , $\eta^2 = 0.017$	F(1,71) = 1.062, $p = 0.306$ , $\eta^2 = 0.015$
Anterior SD	F(1,71) = 32.727, p < 0.001, $\eta^2 = 0.316$	F(1,71) = 1.405, p = 0.240, $\eta^2 = 0.019$	$F(1,71) = 1.627, p = 0.206, \eta^2 = 0.022$
Posterior Max	$F(1,71) = 7.766, p = 0.007,  \eta^2 = 0.099$	F(1,71) = 1.163, p = 0.284, $\eta^2 = 0.016$	$F(1,71) = 0.138, p = 0.711,  \eta^2 = 0.002$
Posterior Mean	F(1,71) = 9.866, p = 0.002, $\eta^2 = 0.122$	$F(1,71) = 0.060, p = 0.807, \eta^2 = 0.001$	$F(1,71) = 0.324, p = 0.571, \eta^2 = 0.005$
Posterior SD	$F(1,71) = 10.708, p = 0.002,  \eta^2 = 0.131$	F(1,71) = 1.176, p = 0.282, $\eta^2 = 0.016$	F(1,71) = 0.070, p = 0.792, $\eta^2 = 0.001$
Right Max	F(1,71) = 22.869, p < 0.001,	F(1,71) = 2.124, p = 0.149,	F(1,71) = 3.910, p = 0.052,

	$\eta^2 = 0.244$	$\eta^2 = 0.029$	$\eta^2 = 0.052$
Right Mean	F(1,71) = 21.995, p < 0.001,	F(1,71) = 1.866, p = 0.176,	F(1,71) = 2.833, p = 0.097,
	$\eta^2 = 0.237$	$\eta^2 = 0.026$	$\eta^2 = 0.038$
Right SD	F(1,71) = 27.996, p < 0.001,	F(1,71) = 2.958, p = 0.090,	F(1,71) = 3.506, p = 0.065,
	$\eta^2 = 0.283$	$\eta^2 = 0.040$	$\eta^2 = 0.047$
Left Max	F(1,71) = 11.974, p = 0.001,	F(1,71) = 0.319, p = 0.574,	F(1,71) = 0.686, p = 0.410,
	$\eta^2 = 0.144$	$\eta^2 = 0.004$	$\eta^2 = 0.010$
Left Mean	F(1,71) = 22.865, p < 0.001,	F(1,71) = 0.001, p = 0.972,	F(1,71) = 0.841, p = 0.362,
	$\eta^2 = 0.244$	$\eta^2 < 0.001$	$\eta^2 = 0.012$
Left SD	F(1,71) = 26.720, p < 0.001,	F(1,71) = 0.118, p = 0.733,	F(1,71) = 0.992, p = 0.323,
	$\eta^2 = 0.273$	$\eta^2 = 0.002$	$\eta^2 = 0.014$

Table S4. Mixed-design ANOVA tests results for right shank accelerometer variables. Bold

	Mixed-Design ANOVA Analysis		
	Walking Condition Main	Faller/Non-Faller Status	Interaction Effect
<b>FFT F:</b>	Effect	Main Effect	
FFT First Quartile (%)		E(1.72) = 0.044 = 0.824	E(1.72) 0.022 - 0.884
Vertical	F(1,73) = 30.897, $p < 0.001$ , $\eta^2 = 0.297$	F(1,73) = 0.044, $p = 0.834$ , $\eta^2 = 0.001$	$F(1,73) = 0.022, p = 0.884, \eta^2 < 0.001$
AP	F(1,73) = 42.588, p < 0.001, $\eta^2 = 0.368$	F(1,73) = 1.753, $p = 0.190$ , $\eta^2 = 0.023$	$F(1,73) = 0.301, p = 0.585, \eta^2 = 0.004$
ML	$F(1,73) = 47.478, p < 0.001,  \eta^2 = 0.394$	F(1,73) = 1.491, p = 0.226, $\eta^2 = 0.020$	F(1,73) = 0.287, p = 0.594, $\eta^2 = 0.004$
Ratio of Even to Odd H			
Vertical	F(1,73) = 1.463, p = 0.230,	F(1,73) = 0.001, p = 0.975,	F(1,73) = 0.053, p = 0.818,
	$\eta^2 = 0.020$	$\eta^2 < 0.001$	$\eta^2 = 0.001$
AP	F(1,73) = 0.021, $p = 0.885$ , $\eta^2 < 0.001$	$F(1,73) = 0.001, p = 0.975, \eta^2 < 0.001$	$F(1,73) = 0.058, p = 0.810, \eta^2 = 0.001$
ML	F(1,73) = 3.334, p = 0.072,	F(1,73) = 1.352, p = 0.249,	F(1,73) = 2.087, p = 0.153,
	$\eta^2 = 0.044$	$\eta^2 = 0.018$	$\eta^2 = 0.028$
Maximum Lyapunov E			
Vertical	F(1,73) = 0.202, $p = 0.654$ , $\eta^2 = 0.003$	F(1,73) = 0.634, $p = 0.428$ , $\eta^2 = 0.009$	$F(1,73) = 0.059, p = 0.809, \eta^2 = 0.001$
AP	F(1,73) = 7.656, p = 0.007,	F(1,73) = 0.156, p = 0.694,	F(1,73) = 0.324, p = 0.571,
	$\eta^2 = 0.095$	$\eta^2 = 0.002$	$\eta^2 = 0.004$
ML	F(1,73) = 3.249, $p = 0.076$ , $\eta^2 = 0.043$	F(1,73) = 0.324, $p = 0.571$ , $\eta^2 = 0.004$	F(1,73) = 0.799, $p = 0.374$ , $\eta^2 = 0.011$
Acceleration Descriptiv			
Superior Max	F(1,73) = 8.303, p = 0.005,	F(1,73) = 1.820, p = 0.182,	F(1,73) = 6.279, p = 0.014,
	$\eta^2 = 0.102$	$\eta^2 = 0.024$	$\eta^2 = 0.079$
Superior Mean	F(1,73) = 5.796, p = 0.019,	F(1,73) = 2.956, p = 0.090,	F(1,73) = 1.677, p = 0.199,
	$\frac{\eta^2 = 0.074}{12,102,0,001}$	$\eta^2 = 0.039$	$\eta^2 = 0.022$
Superior SD	F(1,73) = 13.103, $p = 0.001$ , $\eta^2 = 0.152$	F(1,73) = 1.753, $p = 0.190$ , $\eta^2 = 0.023$	F(1,73) = 4.513, p = 0.037, $\eta^2 = 0.058$
Inferior Max	F(1,73) = 27.457, $p < 0.001$ , $\eta^2 = 0.273$	F(1,73) = 0.488, p = 0.487, $\eta^2 = 0.007$	F(1,73) = 2.097, $p = 0.152$ , $\eta^2 = 0.028$
Inferior Mean	F(1,73) = 30.777, p < 0.001,	F(1,73) = 0.336, p = 0.564,	F(1,73) = 0.393, p = 0.533,
	$\eta^2 = 0.297$	$\eta^2 = 0.005$	$\eta^2 = 0.005$
Inferior SD	F(1,73) = 42.857, $p < 0.001$ , $\eta^2 = 0.370$	F(1,73) = 0.404, $p = 0.527$ , $\eta^2 = 0.006$	F(1,73) = 1.987, p = 0.163, $\eta^2 = 0.027$
Anterior Max	F(1,73) = 39.795, $p < 0.001$ , $\eta^2 = 0.353$	F(1,73) = 0.131, $p = 0.718$ , $\eta^2 = 0.002$	F(1,73) = 2.950, p = 0.090, $\eta^2 = 0.039$
Anterior Mean	$\mathbf{F(1,73)} = 43.567, p < 0.001,$	F(1,73) = 0.435, p = 0.512,	F(1,73) = 2.218, p = 0.141,
Antonian CD	$\frac{\eta^2 = 0.374}{F(1.72) - 45.027 - \pi < 0.001}$	$\eta^2 = 0.006$	$\eta^2 = 0.029$
Anterior SD	F(1,73) = 45.927, $p < 0.001$ , $\eta^2 = 0.386$	F(1,73) = 0.691, $p = 0.409$ , $\eta^2 = 0.009$	F(1,73) = 2.405, $p = 0.125$ , $\eta^2 = 0.032$
Posterior Max	F(1,73) = 0.384, $p$ = 0.537, $\eta^2$ = 0.005	F(1,73) = 0.210, p = 0.648, $\eta^2 = 0.003$	F(1,73) = 0.265, p = 0.608, $\eta^2 = 0.004$
Posterior Mean	F(1,73) = 10.992, p = 0.001,	F(1,73) = 0.389, p = 0.535,	F(1,73) = 2.896, p = 0.093,
Posterior SD	$\frac{\eta^2 = 0.131}{F(1,73) = 1.438, p = 0.234,}$	$\frac{\eta^2 = 0.005}{F(1,73) = 0.005, p = 0.943,}$	$\eta^2 = 0.038$ F(1,73) = 0.034, p = 0.854,
Right Max	$\frac{\eta^2 = 0.019}{\mathbf{F}(1,73) = 27.236, p < 0.001,}$	$\frac{\eta^2 < 0.001}{F(1,73) = 0.748, p = 0.390,}$	$\frac{\eta^2 < 0.001}{F(1,73) < 0.001, p = 0.987,}$
	r(1,75) - 27.250, p < 0.001,	1(1,75) = 0.740, p = 0.390,	1(1,75) < 0.001, p = 0.907,

	$\eta^2 = 0.272$	$\eta^2 = 0.010$	$\eta^2 < 0.001$
Right Mean	F(1,73) = 19.773, p < 0.001,	F(1,73) = 1.263, p = 0.265,	F(1,73) = 0.075, p = 0.786,
	$\eta^2 = 0.213$	$\eta^2 = 0.017$	$\eta^2 = 0.001$
Right SD	F(1,73) = 35.211, p < 0.001,	F(1,73) = 1.197, p = 0.278,	F(1,73) = 0.137, p = 0.712,
	$\eta^2 = 0.325$	$\eta^2 = 0.016$	$\eta^2 = 0.002$
Left Max	F(1,73) = 19.078, p < 0.001,	F(1,73) = 0.142, p = 0.707,	F(1,73) = 3.014, p = 0.087,
	$\eta^2 = 0.207$	$\eta^2 = 0.002$	$\eta^2 = 0.040$
Left Mean	F(1,73) = 26.078, p < 0.001,	F(1,73) = 0.157, p = 0.693,	F(1,73) = 3.015, p = 0.087,
	$\eta^2 = 0.263$	$\eta^2 = 0.002$	$\eta^2 = 0.040$
Left SD	F(1,73) = 32.828, p < 0.001,	F(1,73) = 0.032, p = 0.859,	F(1,73) = 1.906, p = 0.172,
	$\eta^2 = 0.310$	$\eta^2 < 0.001$	$\eta^2 = 0.025$

Table S5. Mixed-design ANOVA tests results for left shank accelerometer variables. Bold

	Mixed-Design ANOVA Analysis		
	Walking Condition Main         Faller/Non-Faller Status		Interaction Effect
	Effect	Main Effect	
FFT First Quartile (%)			
Vertical	F(1,72) = 20.535, $p < 0.001$ , $\eta^2 = 0.222$	$F(1,72) = 0.623, p = 0.433, \eta^2 = 0.009$	$F(1,72) = 0.536, p = 0.467, \eta^2 = 0.007$
AP	F(1,72) = 36.656, $p < 0.001$ , $\eta^2 = 0.337$	$F(1,72) = 0.846, p = 0.361,  \eta^2 = 0.012$	F(1,72) = 0.373, p = 0.543, $\eta^2 = 0.005$
ML	F(1,72) = 21.428, p < 0.001, $\eta^2 = 0.229$	F(1,72) = 4.360, p = 0.040, $\eta^2 = 0.057$	F(1,72) = 0.619, p = 0.434, $\eta^2 = 0.009$
Ratio of Even to Odd Ha			
Vertical	$F(1,72) = 1.492, p = 0.226, \eta^2$	F(1,72) = 0.010, p = 0.921,	F(1,72) = 4.279, p = 0.042,
	= 0.020	$\eta^2 < 0.001$	$\eta^2 = 0.056$
AP	F(1,72) = 0.082, $p = 0.775$ , $\eta^2$ = 0.001	$F(1,72) = 0.006, p = 0.940, \eta^2 < 0.001$	F(1,72) = 0.593, $p = 0.444$ , $\eta^2 = 0.008$
ML	$F(1,72) = 0.003, p = 0.958, \eta^2$	F(1,72) = 0.305, p = 0.583,	F(1,72) = 0.719, p = 0.399,
	< 0.001	$\eta^2 = 0.004$	$\eta^2 = 0.010$
Maximum Lyapunov Ex			
Vertical	F(1,72) = 0.088, $p = 0.768, \eta^2$ = 0.001	$F(1,72) = 0.464, p = 0.498,  \eta^2 = 0.006$	$F(1,72) = 0.207, p = 0.651,  \eta^2 = 0.003$
AP	$F(1,72) = 8.853, p = 0.004, \eta^2$	F(1,72) = 0.206, p = 0.651,	F(1,72) = 3.730, p = 0.057,
	= 0.109	$\eta^2 = 0.003$	$\eta^2 = 0.049$
ML	F(1,72) = 18.213, $p < 0.001$ , $\eta^2 = 0.202$	F(1,72) = 0.156, $p = 0.694$ , $\eta^2 = 0.002$	F(1,72) = 0.853, $p = 0.359$ , $\eta^2 = 0.012$
Acceleration Descriptive		1 = 0.002	1 = 0.012
Superior Max	F(1,72) = 27.371, p < 0.001,	F(1,72) = 0.068, p = 0.795,	F(1,72) = 0.865, p = 0.355,
-	$\eta^2 = 0.275$	$\eta^2 = 0.001$	$\eta^2 = 0.012$
Superior Mean	F(1,72) = 33.402, $p < 0.001$ , $\eta^2 = 0.317$	F(1,72) = 0.259, $p = 0.612$ , $\eta^2 = 0.004$	$F(1,72) = 2.604, p = 0.111, \eta^2 = 0.035$
Superior SD	F(1,72) = 35.620, p < 0.001,	F(1,72) = 0.052, p = 0.820,	F(1,72) = 1.000, p = 0.321,
-	$\eta^2 = 0.331$	$\eta^2 = 0.001$	$\eta^2 = 0.014$
Inferior Max	F(1,72) = 15.530, $p < 0.001$ , $\eta^2 = 0.177$	$F(1,72) = 0.105, p = 0.746, \eta^2 = 0.001$	F(1,72) = 0.353, p = 0.554, $\eta^2 = 0.005$
Inferior Mean	$\mathbf{F}(1,72) = 28.405, p < 0.001,$	F(1,72) = 0.874, p = 0.353,	F(1,72) = 1.235, p = 0.270,
	$\eta^2 = 0.283$	$\eta^2 = 0.012$	$\eta^2 = 0.017$
Inferior SD	F(1,72) = 25.728, $p < 0.001$ , $\eta^2 = 0.263$	F(1,72) = 0.257, $p = 0.614$ , $\eta^2 = 0.004$	F(1,72) = 0.877, p = 0.352, $\eta^2 = 0.012$
Anterior Max	F(1,72) = 43.355, p < 0.001,	F(1,72) = 0.493, p = 0.485,	F(1,72) = 0.540, p = 0.465,
	$\eta^2 = 0.376$	$\eta^2 = 0.007$	$\eta^2 = 0.007$
Anterior Mean	F(1,72) = 46.233, $p < 0.001$ , $\eta^2 = 0.391$	F(1,72) = 0.714, p = 0.401, $\eta^2 = 0.010$	F(1,72) = 0.290, p = 0.592, $\eta^2 = 0.004$
Anterior SD	F(1,72) = 52.633, p < 0.001,	F(1,72) = 0.263, p = 0.610,	F(1,72) = 1.052, p = 0.309,
	$\eta^2 = 0.422$	$\eta^2 = 0.004$	$\eta^2 = 0.014$
Posterior Max	F(1,72) = 0.474, p = 0.493,	F(1,72) = 0.290, p = 0.592,	F(1,72) = 1.918, p = 0.170,
Doctorion Mean	$\eta^2 = 0.007$	$\eta^2 = 0.004$	$\eta^2 = 0.026$
Posterior Mean	F(1,72) = 19.140, $p < 0.001$ , $\eta^2 = 0.210$	F(1,72) = 0.985, $p = 0.324$ , $\eta^2 = 0.013$	$F(1,72) = 1.246, p = 0.268, \eta^2 = 0.017$
Posterior SD	F(1,72) = 5.384, $p$ = 0.023, $\eta^2$ = 0.070	F(1,72) = 0.481, $p = 0.490$ , $\eta^2 = 0.007$	F(1,72) = 2.833, p = 0.097, $\eta^2 = 0.038$
Right Max	F(1,72) = 3.181, p = 0.079,	F(1,72) = 0.002, p = 0.967,	F(1,72) = 0.108, p = 0.743,

	$\eta^2 = 0.042$	$\eta^2 < 0.001$	$\eta^2 = 0.002$
Right Mean	F(1,72) = 17.639, p < 0.001,	F(1,72) = 0.118, p = 0.732,	F(1,72) = 0.019, p = 0.891,
	$\eta^2 = 0.197$	$\eta^2 = 0.002$	$\eta^2 < 0.001$
Right SD	F(1,72) = 8.560, p = 0.005,	F(1,72) = 0.483, p = 0.489,	F(1,72) = 0.102, p = 0.751,
	$\eta^2 = 0.106$	$\eta^2 = 0.007$	$\eta^2 = 0.001$
Left Max	F(1,72) = 23.183, p < 0.001,	F(1,72) = 0.014, p = 0.905,	F(1,72) = 1.351, p = 0.249,
	$\eta^2 = 0.244$	$\eta^{2} < 0.001$	$\eta^2 = 0.018$
Left Mean	F(1,72) = 25.453, p < 0.001,	F(1,72) = 0.886, p = 0.350,	F(1,72) = 1.577, p = 0.213,
	$\eta^2 = 0.261$	$\eta^2 = 0.012$	$\eta^2 = 0.021$
Left SD	F(1,72) = 25.796, p < 0.001,	F(1,72) = 0.147, p = 0.703,	F(1,72) = 1.434, p = 0.235,
	$\eta^2 = 0.264$	$\eta^2 = 0.002$	$\eta^2 = 0.020$