

Table S1 Static plantar pressure on the left and right side of the healthy group

Variables	Left	Right	<i>p</i> Value
Forefoot (%)	21.49±2.82	19.88±3.25	0.07
Hindfoot (%)	29.87±3.64	29.32±3.33	0.62
Total (%)	51.36±4.45	48.67±4.45	0.10

Table S2 Dynamic plantar pressure distribution on the left and right side of the healthy group

Variables	Left	Right	<i>p</i> Value
T1(N/cm ²)	6.33±2.42	6.06±3.37	0.60
T2-5(N/cm ²)	2.37±1.80	2.13±1.52	0.28
M1(N/cm ²)	7.12±3.58	7.31±4.22	0.82
M2(N/cm ²)	13.28±3.76	13.35±4.05	0.91
M3(N/cm ²)	17.51±5.18	16.65±5.35	0.16
M4(N/cm ²)	11.60±4.40	10.70±4.97	0.07
M5(N/cm ²)	7.17±4.69	6.34±4.74	0.06
MF(N/cm ²)	4.53±1.73	4.03±1.50	0.06
HM(N/cm ²)	9.96±2.28	10.69±3.31	0.20
HL(N/cm ²)	10.22±3.22	9.58±2.85	0.26

Table S3 Regional impulse percentage (%) on the left and right side of the healthy group

Variables	Left	Right	<i>p</i> Value
T1(%)	6.2±4.46	5.88±3.66	0.74
T2-5(%)	1.46±1.43	1.22±1.05	0.37
M1(%)	6.63±3.71	7.29±3.40	0.06
M2(%)	12.33±3.05	13.39±3.44	0.07
M3(%)	13.01±3.64	12.63±3.73	0.56
M4(%)	9.29±3.29	8.68±3.42	0.44
M5(%)	7.38±3.91	6.27±3.58	0.05
MF(%)	18.68±7.72	17.61±8.30	0.08
HM(%)	13.50±4.13	15.18±4.37	0.06
HL(%)	11.43±3.53	12.27±3.89	0.35

Table S4 Regional contact area percentage (%) on the left and right side of the healthy group

Variables	Left	Right	<i>p</i> Value
T1(%)	10.53±1.76	9.90±2.28	0.28
T2-5(%)	7.24±3.29	7.24±3.29	0.67
M1(%)	7.54±1.22	8.31±2.61	0.15
M2(%)	6.93±0.51	7.42±1.49	0.09
M3(%)	5.65±0.44	5.98±1.06	0.10
M4(%)	5.69±0.51	5.92±0.95	0.26
M5(%)	7.54±1.13	7.11±1.56	0.20
MF(%)	28.12±2.87	27.03±3.97	0.29
HM(%)	11.26±1.27	11.66±1.35	0.32
HL(%)	9.50±1.14	9.93±0.99	0.16