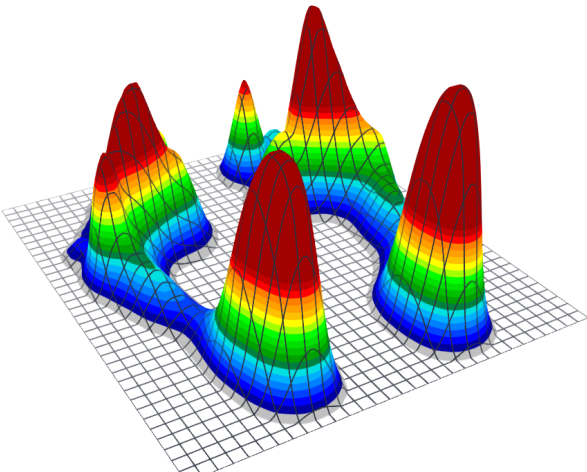


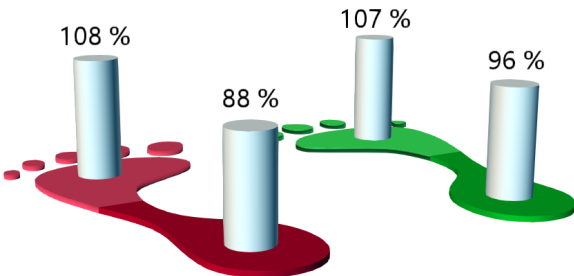
Pressure plot 3d

Stance, average



Force forefoot/backfoot

Max load (% of body weight)

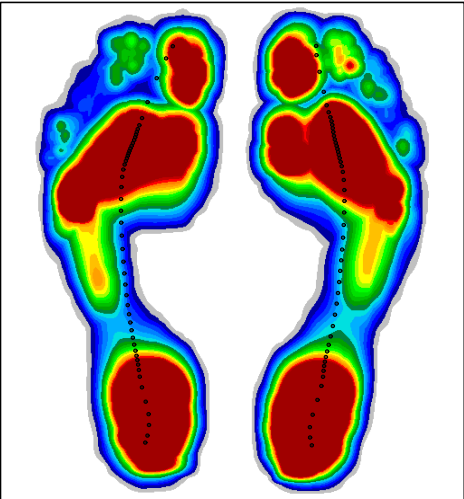
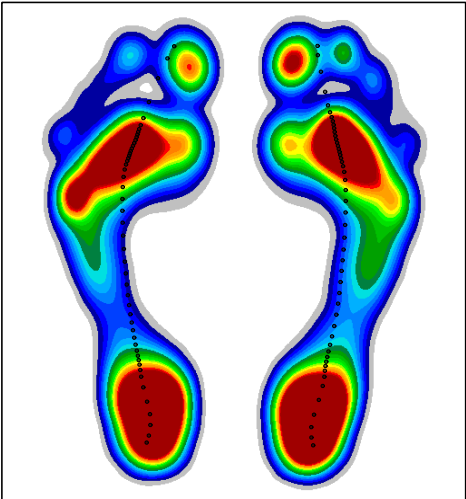
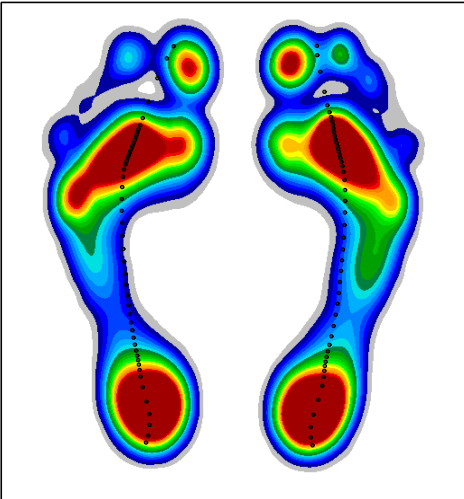


Pressure plots

Single limb support, average

Stance, average

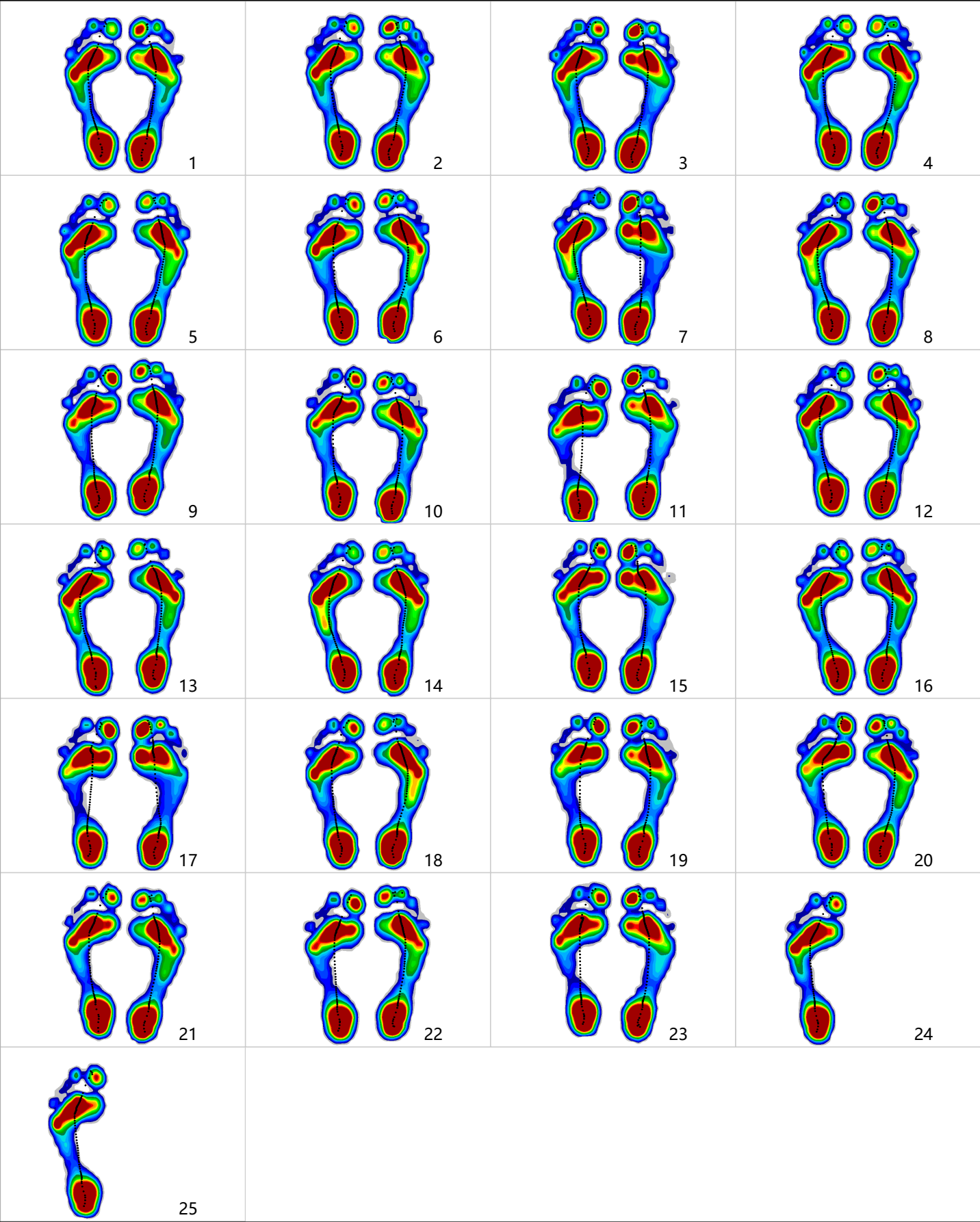
Stance, maximum



zebris Gait Report

Person: 2025_gait FDM, 2001-04-15
Record: 2025-04-25 13:13, Gait Analysis FDM, subj428_walk

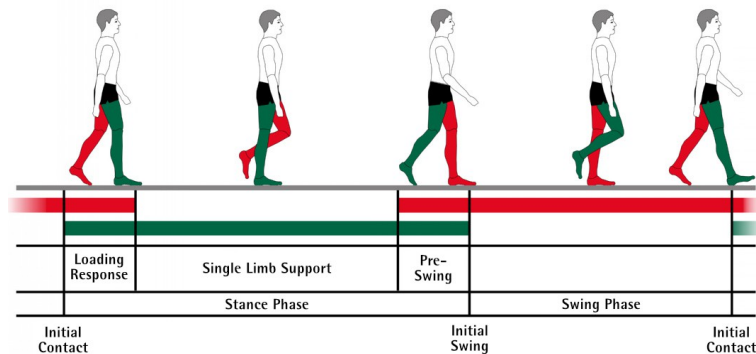
Separate footprints



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Person: 2025_gait FDM, 2001-04-15
Record: 2025-04-25 13:13, Gait Analysis FDM, subj428_walk

Gait parameters



Geometry

Foot rotation, degree	L	2.7±1.7	-7°		7°
	R	4.4±2.3			
Step length, cm	L	69±2			160 cm
	R	72±2			
Stride length, cm		141±3			160 cm
Step width, cm		6±2			

Phases

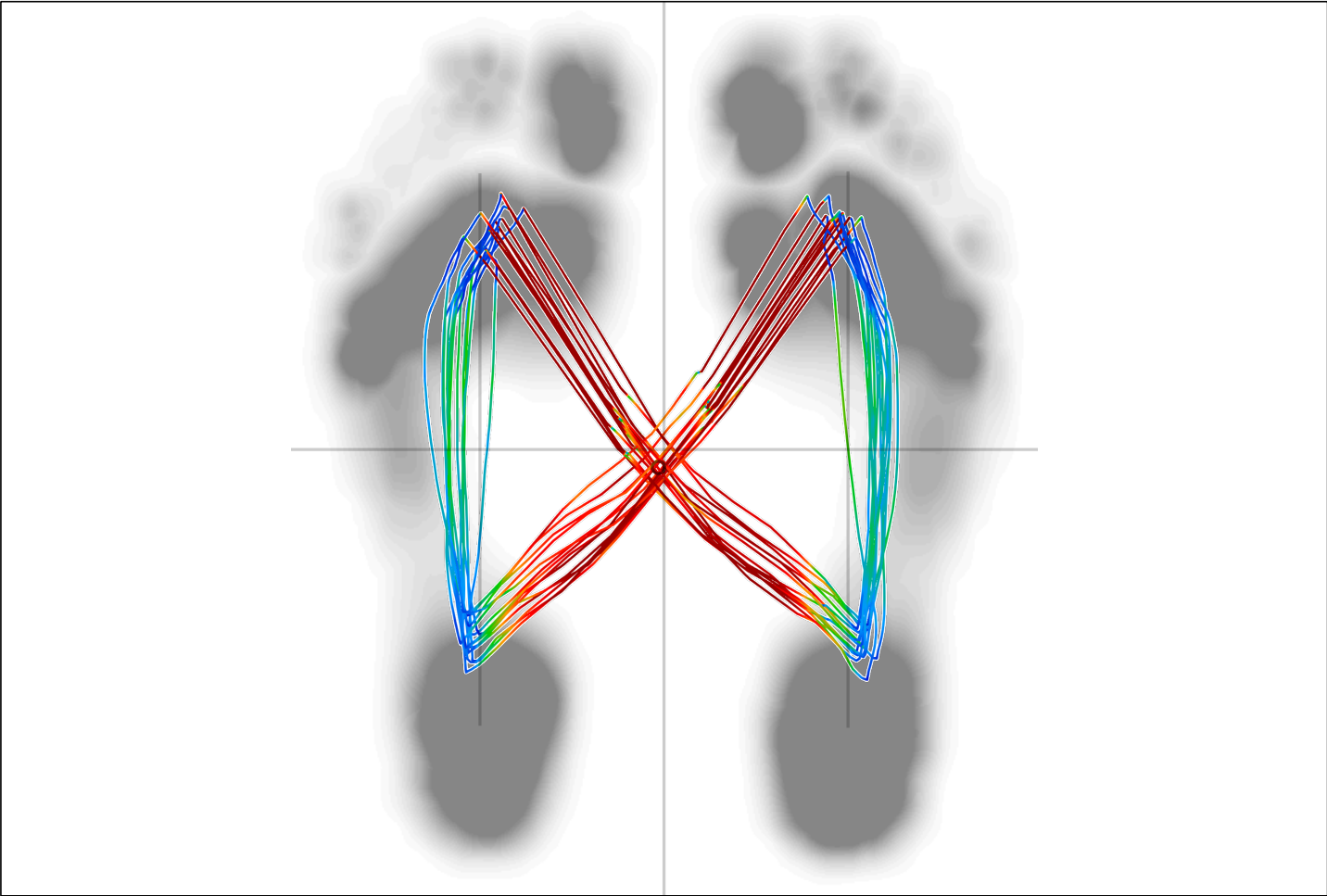
Stance phase, %	L	60.7±0.9		100 %
	R	60.5±0.8		
Load response, %	L	10.8±0.5		
	R	10.2±0.4		
Single limb support, %	L	39.6±0.7		
	R	39.5±1.1		
Pre-Swing, %	L	10.3±0.6		
	R	10.8±0.5		
Swing phase, %	L	39.3±0.9		
	R	39.5±0.8		
Double stance phase, %		21.1±0.8		

Timing

Step time, sec	L	0.57±0.01		1.3 sec
	R	0.58±0.02		
Stride time, sec		1.16±0.02		1.3 sec
Cadence, steps/min		104±2		120 steps/min
Velocity, km/h		4.4±0.2		5 km/h

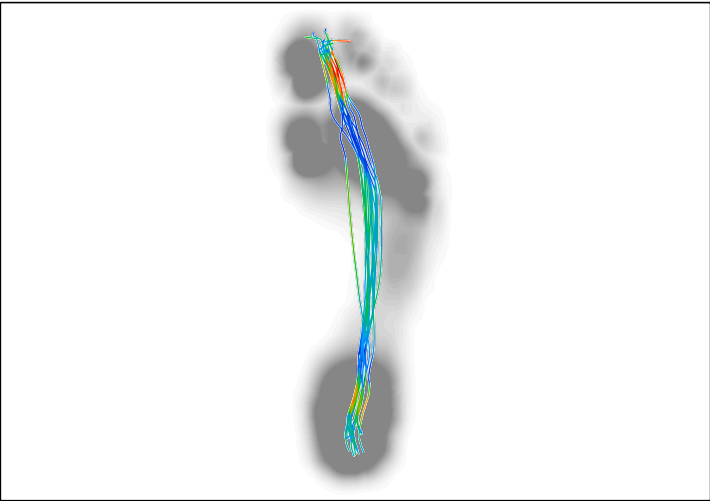
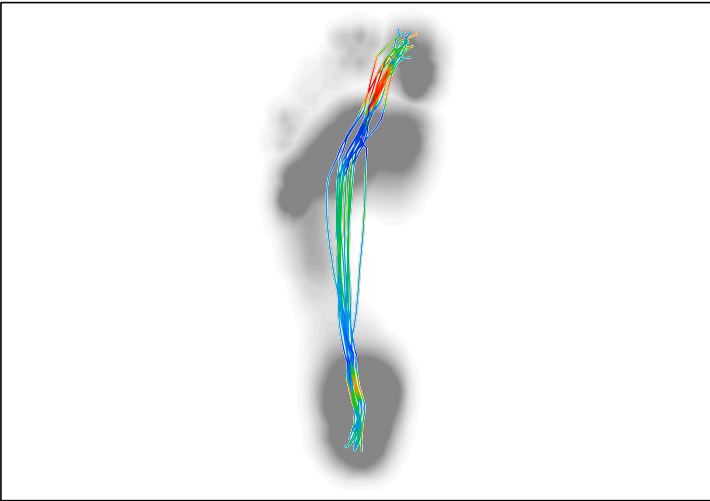
COP analysis

Butterfly



Gait line left

Gait line right

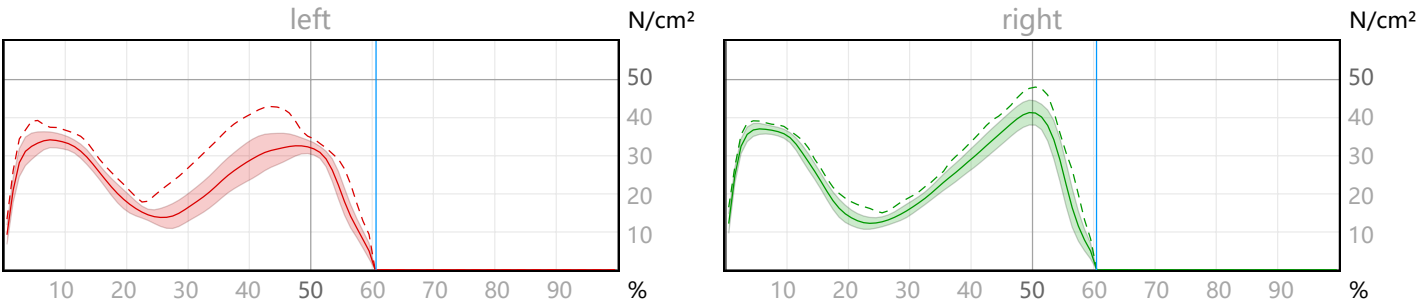


Butterfly parameters

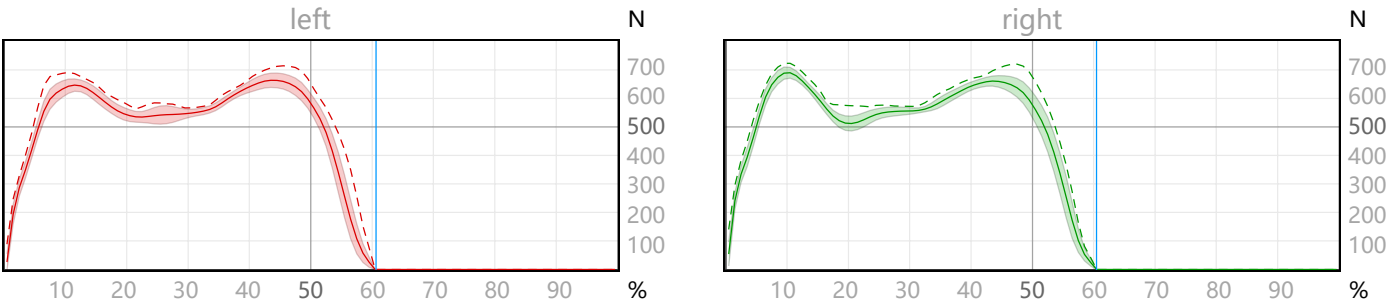
Length of gait line, mm	L	236.3±3.7	<div><div></div></div>		300 mm
	R	236.7±2.1	<div><div></div></div>		
Single limb support line, mm	L	135.6±5.9	<div><div></div></div>		
	R	139.9±4.6	<div><div></div></div>		
Ant/post position, mm		-5.9±5.2	-150 mm	<div><div></div></div>	150 mm
Lateral symmetry, mm		-1.8±2.4	-21 mm	<div><div></div></div>	21 mm
Max gait line velocity, cm/sec		178.0	<div><div></div></div>		

Force and pressure

Pressure curves



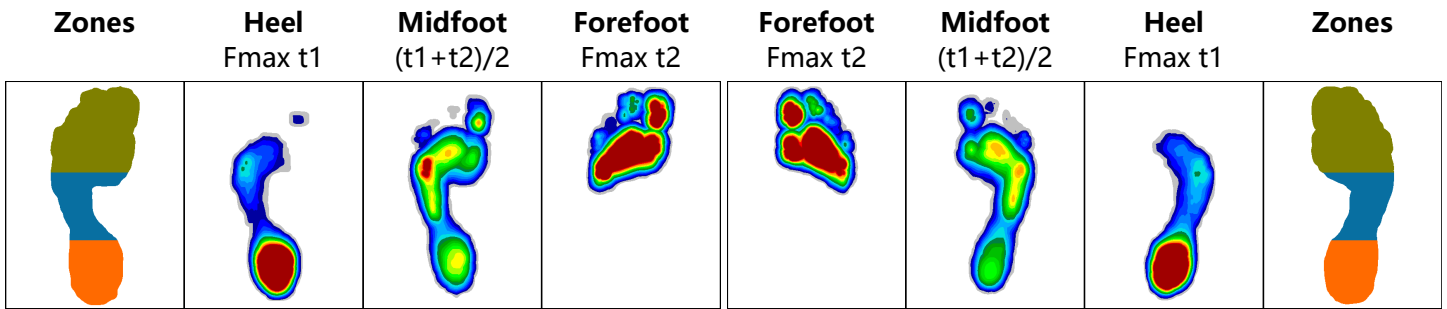
Force curves



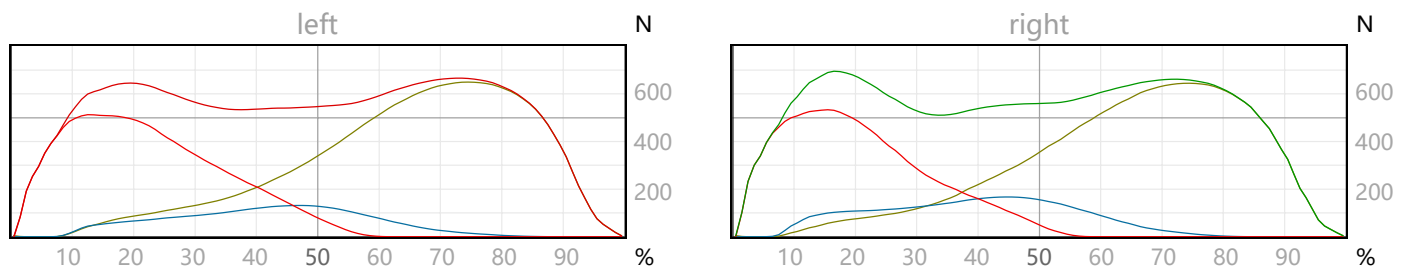
Force parameters

Maximum force1, N	L	646.4	<div><div></div></div>	800 N
	R	689.7		
Time maximum force1, %	L	11	<div><div></div></div>	100%
	R	10		
Maximum force2, N	L	663.3	<div><div></div></div>	800 N
	R	660.6		
Time maximum force2, %	L	43	<div><div></div></div>	100%
	R	43		

Three foot zone analysis



Force overlay



Load change

Time change heel to forefoot, sec	L	0.27±0.03		0.4 sec
	R	0.25±0.02		
Time change heel to forefoot, %	L	38.5±3.1		100%
	R	36.0±2.8		

Maximum force, N

Forefoot	L	652.5±22.0		800 N
	R	647.7±22.9		
Midfoot	L	136.5±38.1		
	R	169.7±32.7		
Heel	L	518.9±21.4		
	R	536.5±21.1		

Maximum pressure, N/cm²

Forefoot	L	34.8±3.9		60 N/cm²
	R	41.9±2.8		
Midfoot	L	16.1±4.1		
	R	14.0±3.9		
Heel	L	35.1±2.4		
	R	38.8±3.4		

Time maximum force, % of stance time

Forefoot	L	73.3±1.8		100%
	R	72.6±1.8		
Midfoot	L	45.3±4.4		
	R	41.8±5.6		
Heel	L	12.4±2.3		
	R	13.4±1.5		

zebris Gait Report

Person: 2025_gait FDM, 2001-04-15
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Contact time, % of stance time			
Forefoot	L	90.7±0.9	<div><div></div>100%</div>
	R	91.7±1.0	<div><div></div></div>
Midfoot	L	76.9±3.1	<div><div></div></div>
	R	74.2±2.6	<div><div></div></div>
Heel	L	55.3±2.6	<div><div></div></div>
	R	53.1±2.1	<div><div></div></div>