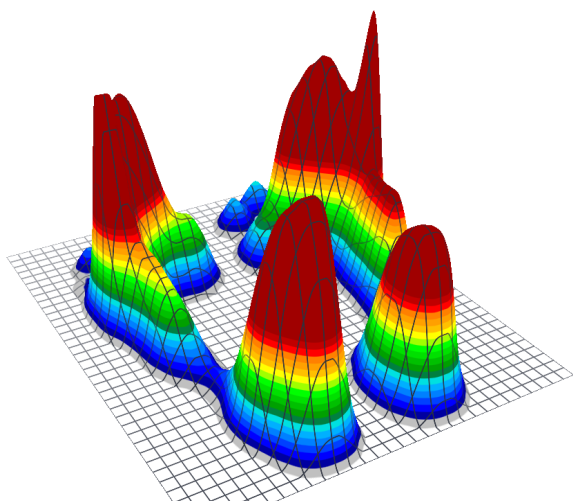


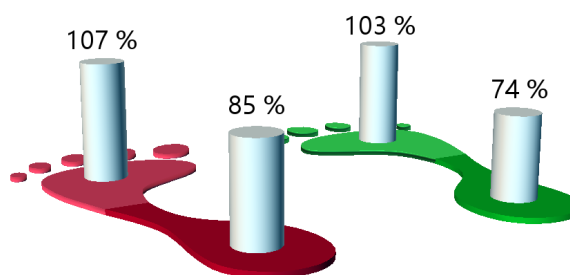
Pressure plot 3d

Stance, average



Force forefoot/backfoot

Max load (% of body weight)

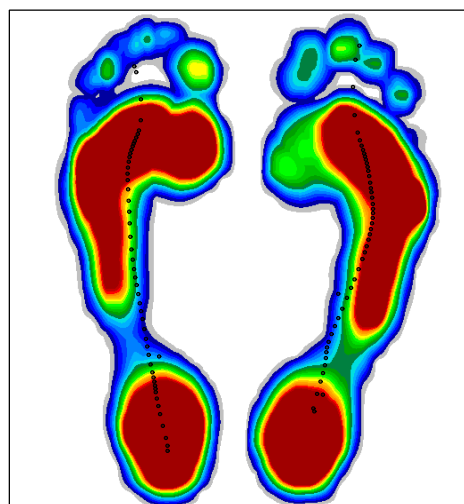
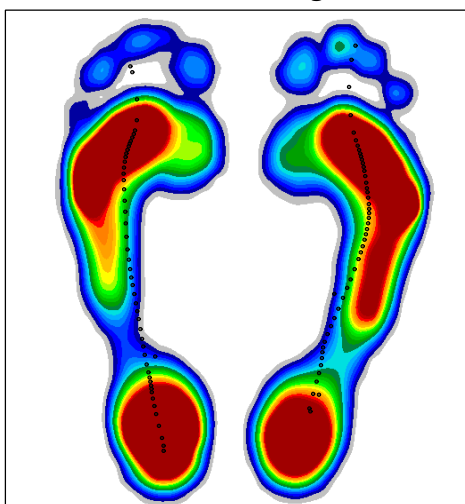
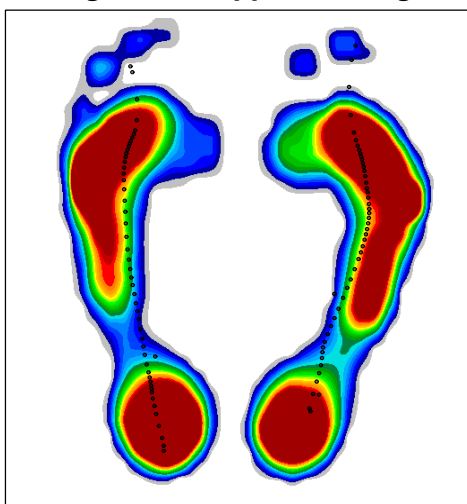


Pressure plots

Single limb support, average

Stance, average

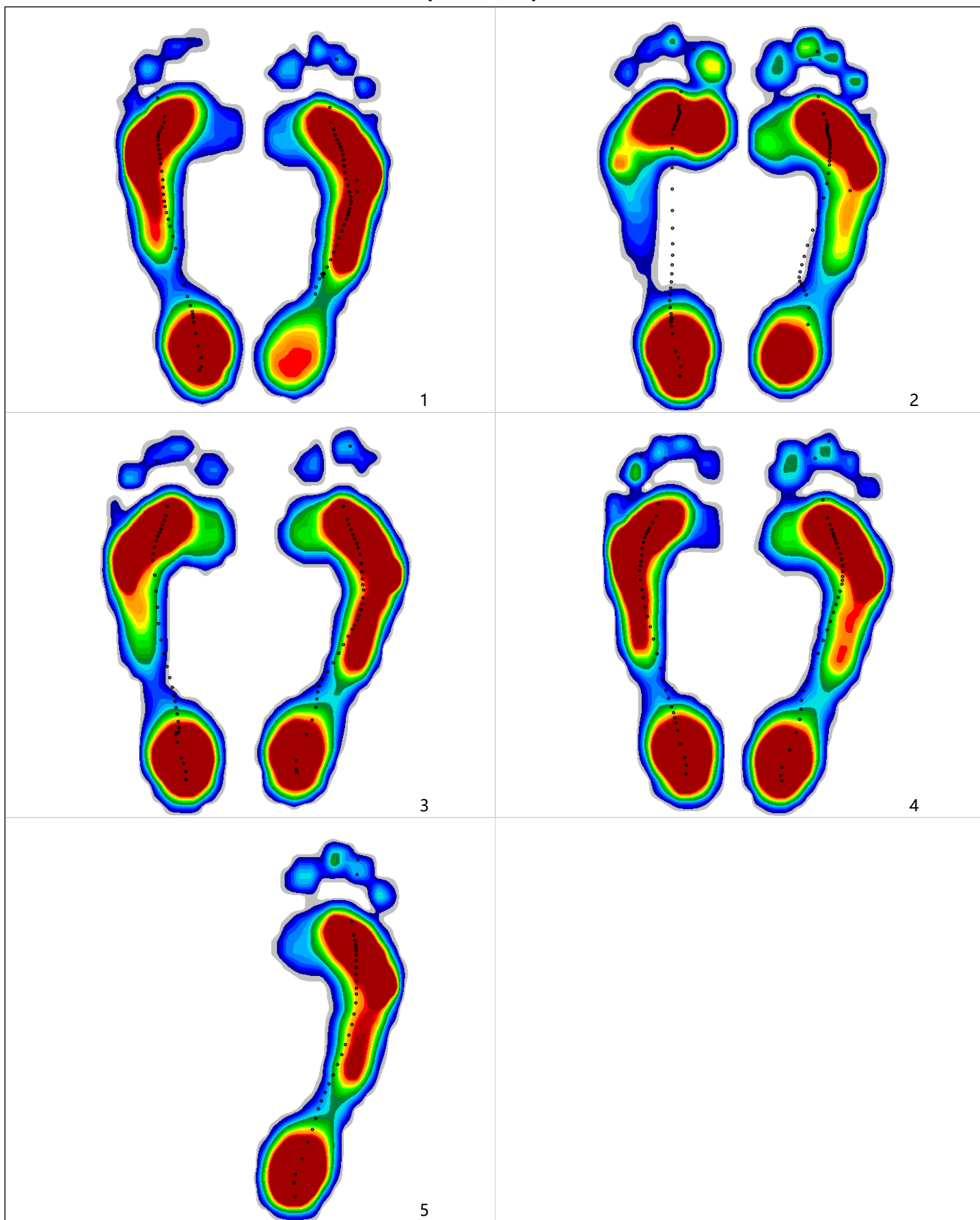
Stance, maximum



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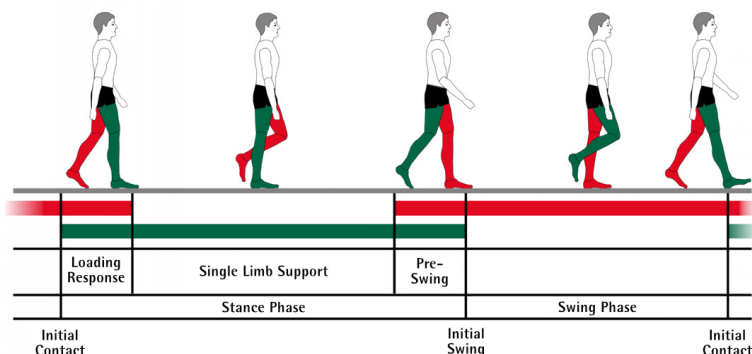
Separate footprints



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Gait parameters



Geometry

Foot rotation, degree	L	5,0	-13°	13°
	R	9,5±2,1		
Step length, cm	L	60		120 cm
	R	53		
Stride length, cm		113		120 cm
Step width, cm		9±1		

Phases

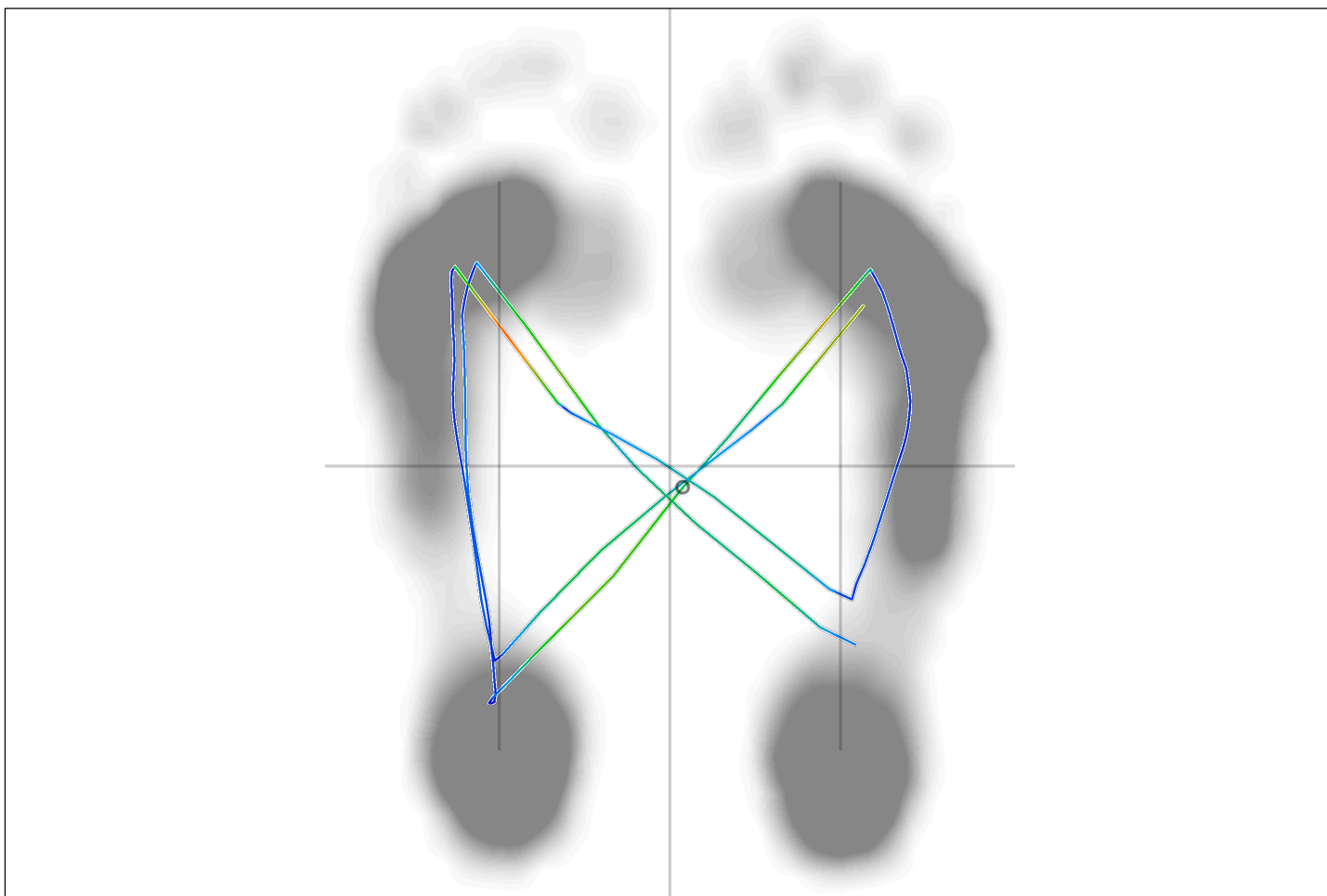
Stance phase, %	L	63,9		100 %
	R	62,6±0,9		
Load response, %	L	13,1		
	R	13,3		
Single limb support, %	L	37,7		
	R	36,7		
Pre-Swing, %	L	13,1		
	R	12,2±0,5		
Swing phase, %	L	36,1		
	R	37,4±0,9		
Double stance phase, %		25,6±0,6		

Timing

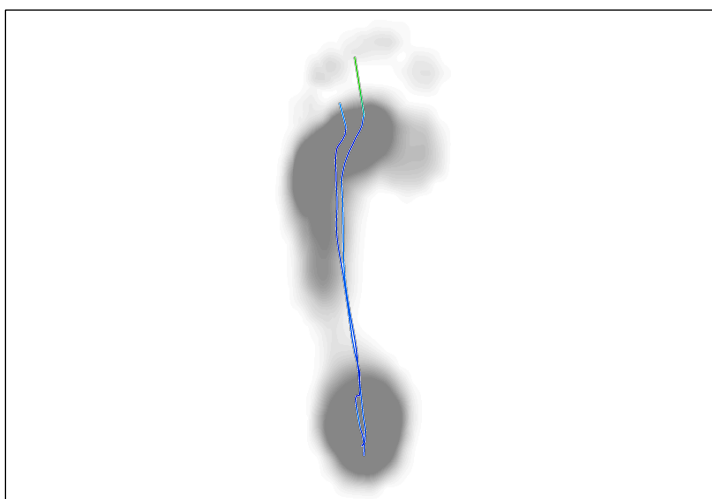
Step time, sec	L	0,60		1.3 sec
	R	0,62		
Stride time, sec		1,22		1.3 sec
Cadence, steps/min		98±2		110 steps/min
Velocity, km/h		3,4±0,2		4 km/h

COP analysis

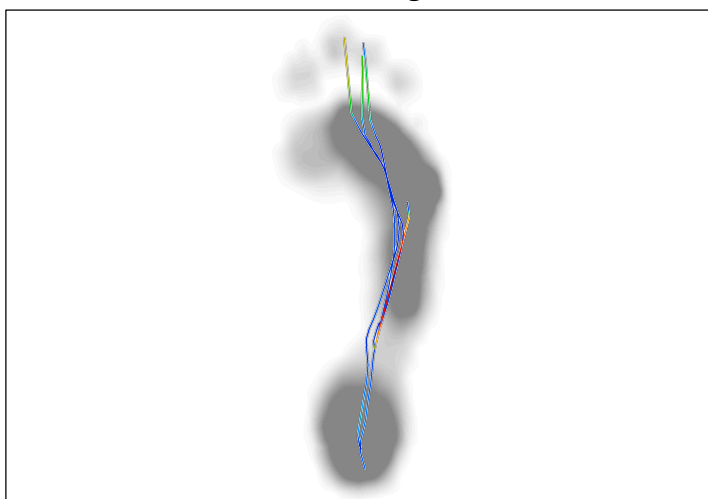
Butterfly



Gait line left



Gait line right

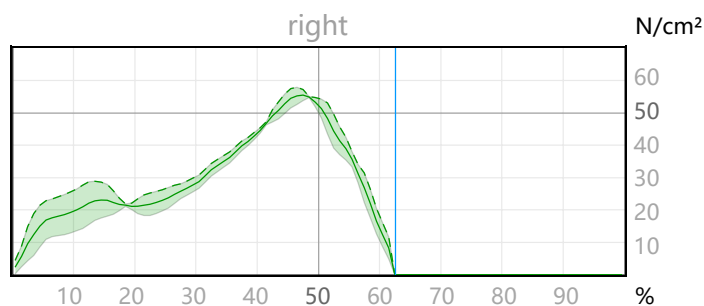
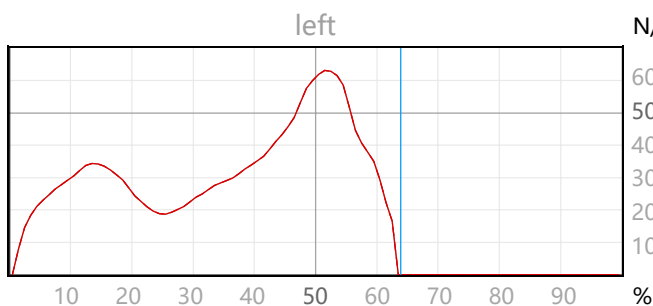


Butterfly parameters

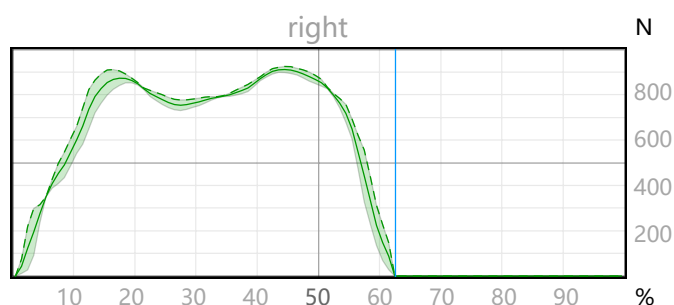
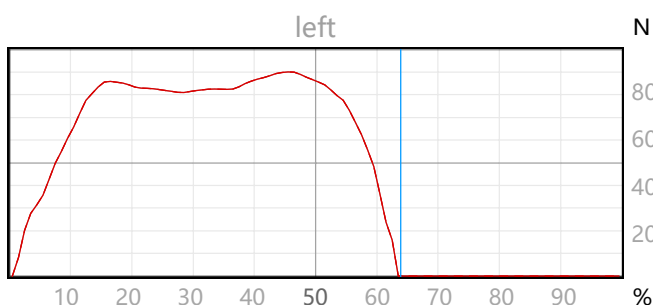
Length of gait line, mm	L	223,3±17,3		300 mm
	R	226,3±34,6		
Single limb support line, mm	L	131,4		
	R	111,4		
Ant/post position, mm		-7,1±3,4		150 mm
Lateral symmetry, mm		4,3±2,6		21 mm
Max gait line velocity, cm/sec		417,9		

Force and pressure

Pressure curves



Force curves



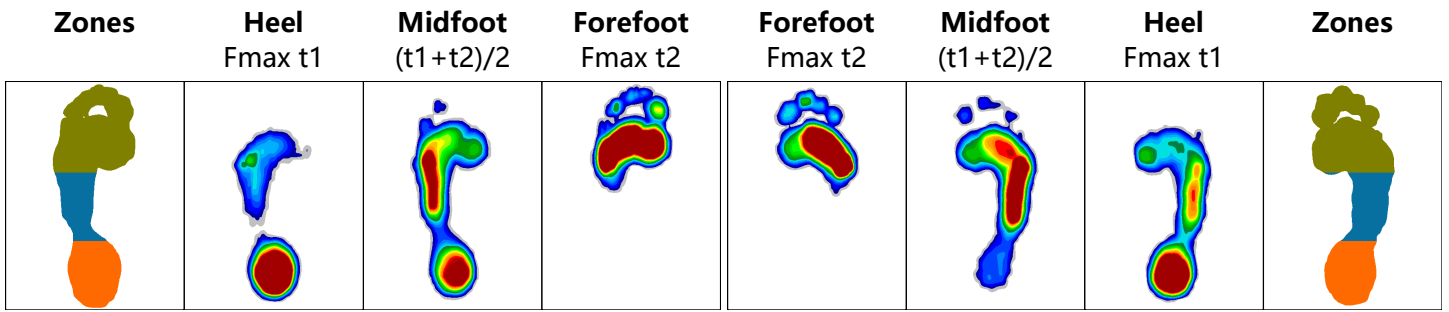
Force parameters

Maximum force1, N	L	858,8	<div style="width: 85.88%;"></div>	1000 N
	R	873,0	<div style="width: 87.3%;"></div>	
Time maximum force1, %	L	16	<div style="width: 16%;"></div>	100%
	R	17	<div style="width: 17%;"></div>	
Maximum force2, N	L	900,6	<div style="width: 90.06%;"></div>	1000 N
	R	911,3	<div style="width: 91.13%;"></div>	
Time maximum force2, %	L	45	<div style="width: 45%;"></div>	100%
	R	44	<div style="width: 44%;"></div>	

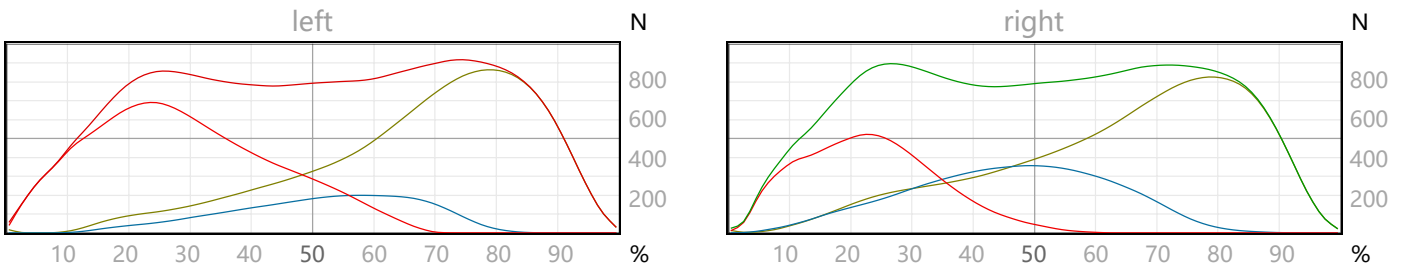
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Three foot zone analysis



Force overlay



Load change

Time change heel to forefoot, sec	L	0,33±0,05	100%
	R	0,20±0,09	
Time change heel to forefoot, %	L	44,7±7,4	0.5 sec
	R	27,0±13,0	

Maximum force, N

Forefoot	L	869,4±52,7	1000 N
	R	829,7±34,0	
Midfoot	L	211,0±85,0	1000 N
	R	365,7±69,2	
Heel	L	700,3±36,3	1000 N
	R	533,4±84,9	

Maximum pressure, N/cm²

Forefoot	L	59,0±17,5	90 N/cm²
	R	52,9±7,3	
Midfoot	L	23,6±8,6	90 N/cm²
	R	31,4±8,3	
Heel	L	37,1±2,4	90 N/cm²
	R	28,5±5,8	

Time maximum force, % of stance time

Forefoot	L	77,0±2,0	100%
	R	77,0±2,0	
Midfoot	L	56,1±5,5	100%
	R	47,7±4,2	
Heel	L	21,6±1,8	100%
	R	20,2±1,8	






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Contact time, % of stance time

Forefoot	L	88,5±1,2	 100%
	R	92,3±4,2	
Midfoot	L	74,9±3,0	
	R	82,1±5,5	
Heel	L	62,8±4,3	
	R	51,5±4,7	