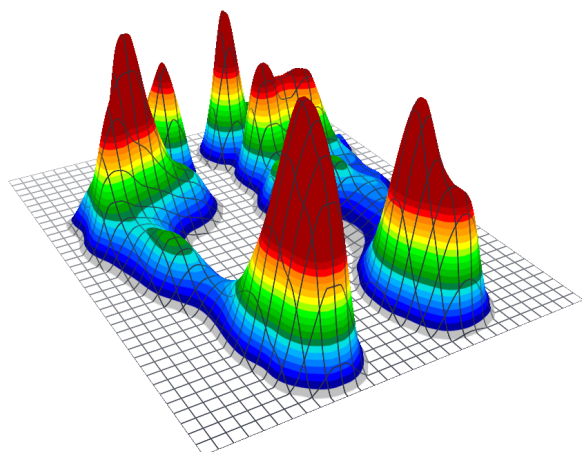


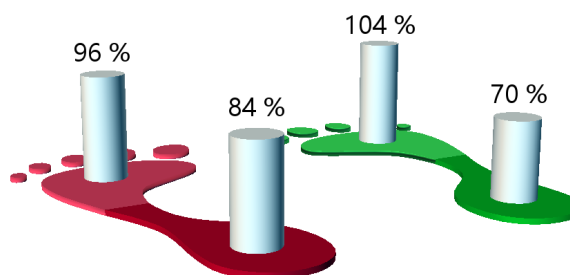
Pressure plot 3d

Stance, average



Force forefoot/backfoot

Max load (% of body weight)

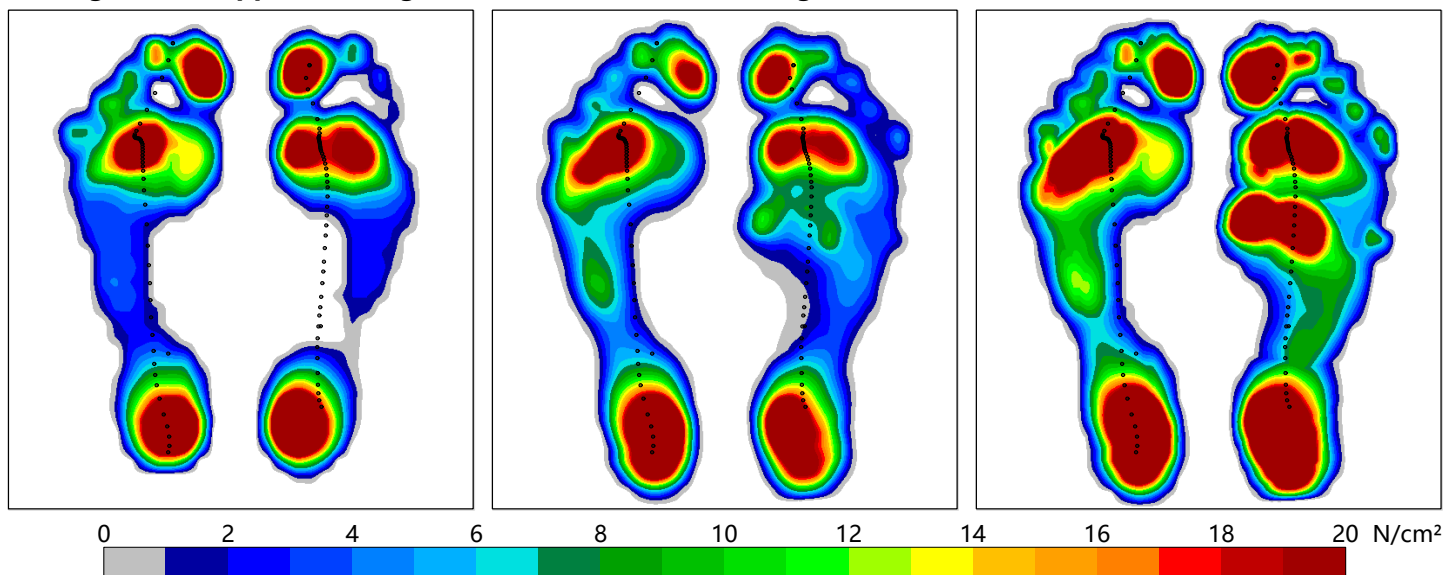


Pressure plots

Single limb support, average

Stance, average

Stance, maximum

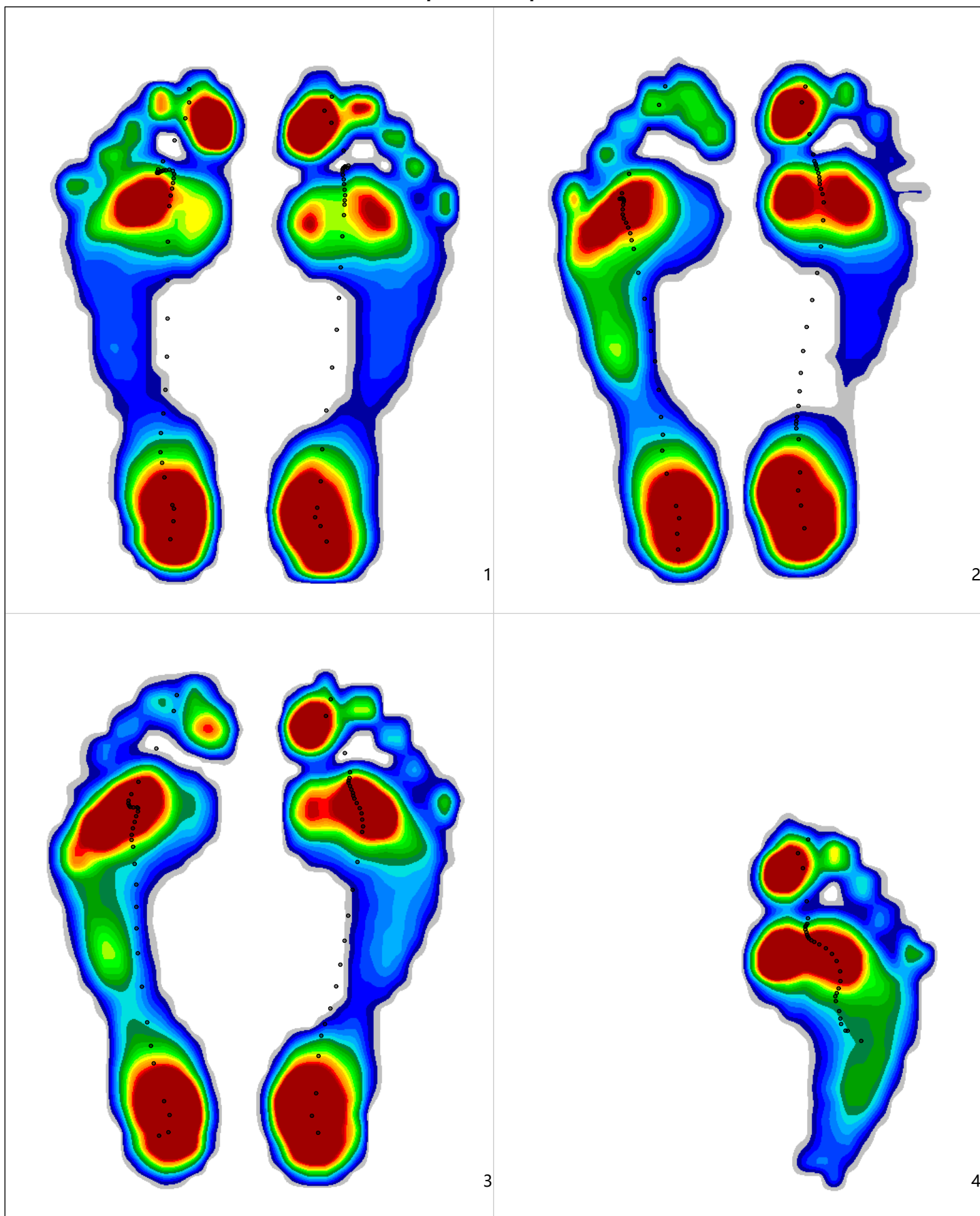


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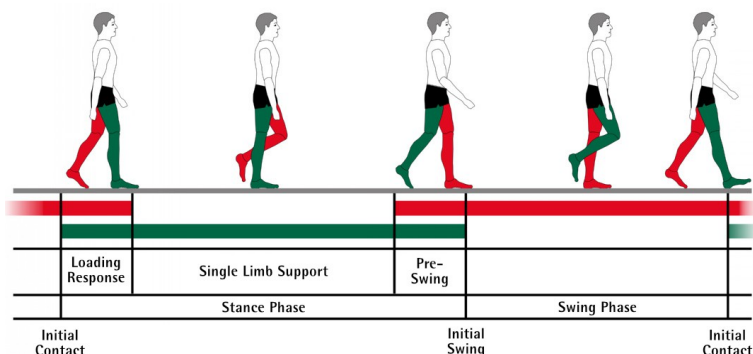
Separate footprints



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Gait parameters



Geometry

Foot rotation, degree	L	3,8±0,0	-7°	7°
	R	6,2		
Step length, cm	L	69		150 cm
	R	71		
Stride length, cm		141		150 cm
Step width, cm		13±2		

Phases

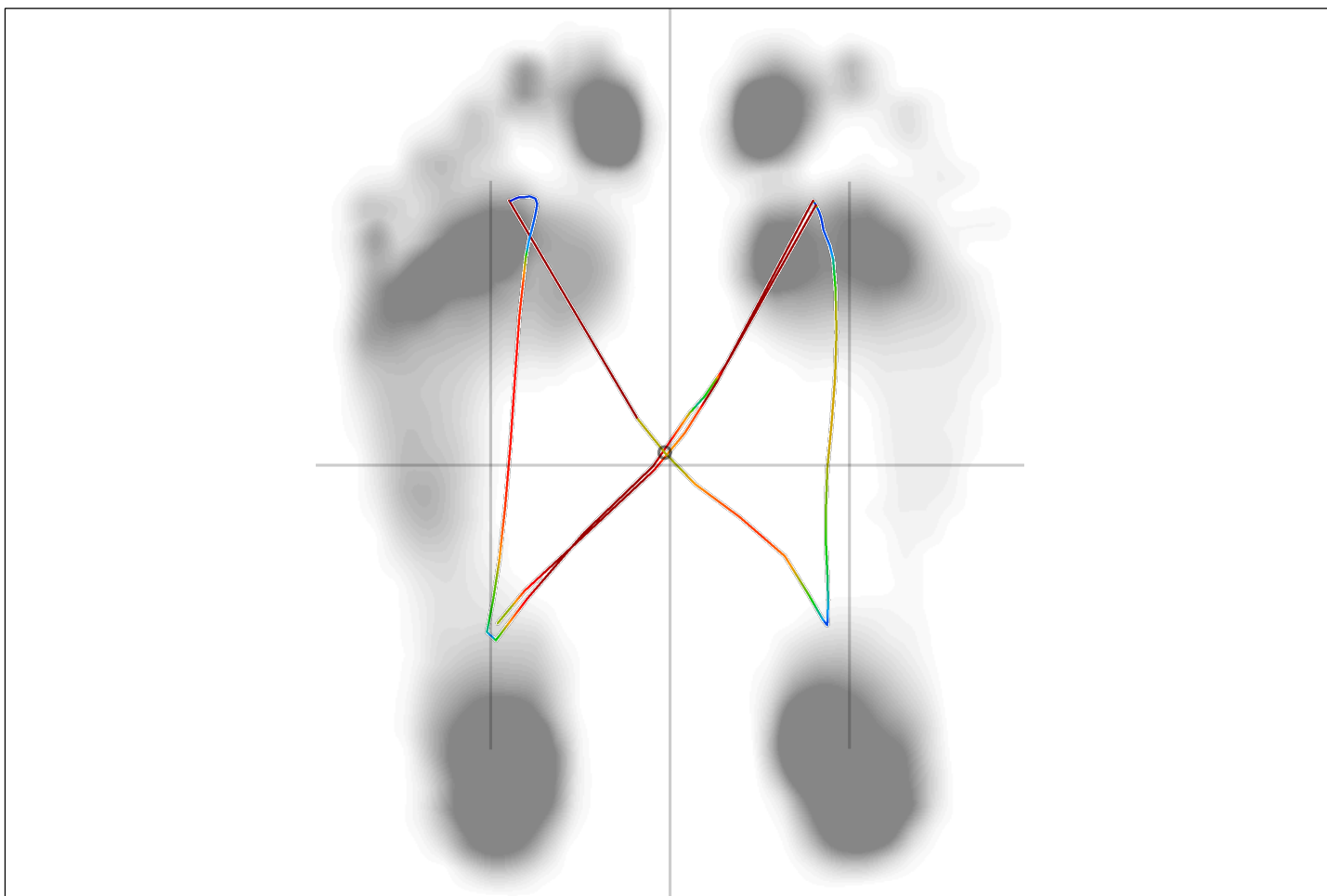
Stance phase, %	L	64,8±0,0		100 %
	R	61,1		
Load response, %	L	13,0		
	R	13,0		
Single limb support, %	L	38,9		
	R	35,2		
Pre-Swing, %	L	13,0±0,0		
	R	13,0		
Swing phase, %	L	35,2±0,0		
	R	38,9		
Double stance phase, %		25,9±0,0		

Timing

Step time, sec	L	0,52		1.2 sec
	R	0,56		
Stride time, sec		1,08		1.2 sec
Cadence, steps/min		111±0		120 steps/min
Velocity, km/h		4,7±0,0		5 km/h

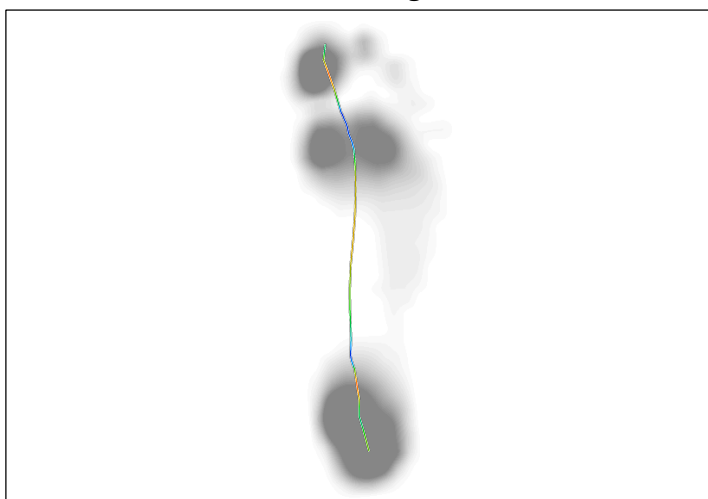
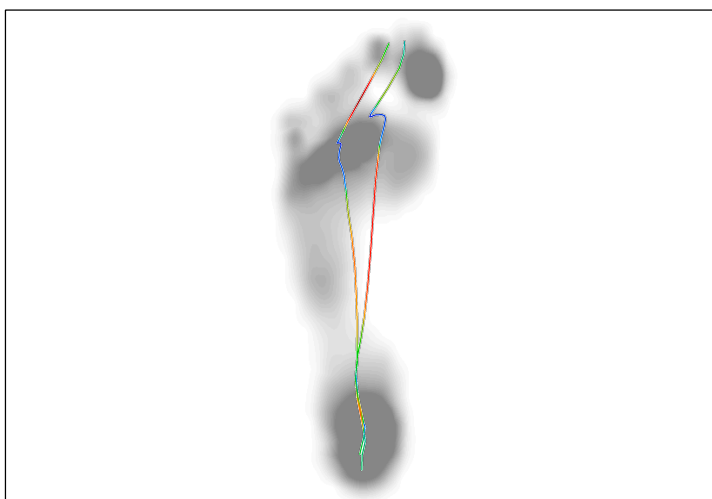
COP analysis

Butterfly



Gait line left

Gait line right

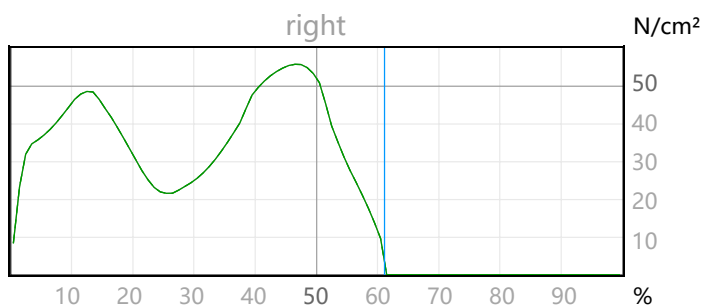
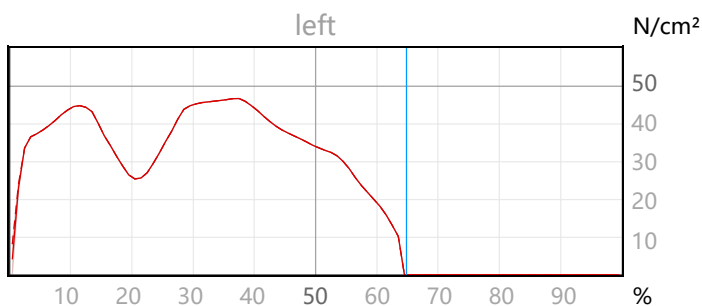


Butterfly parameters

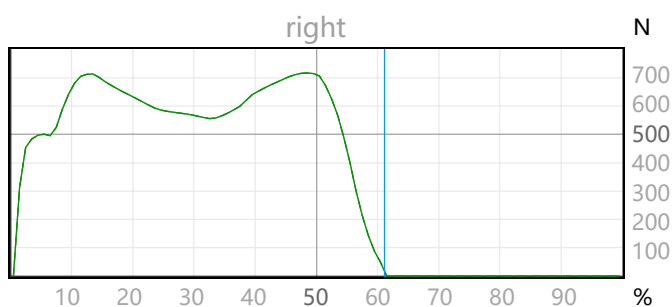
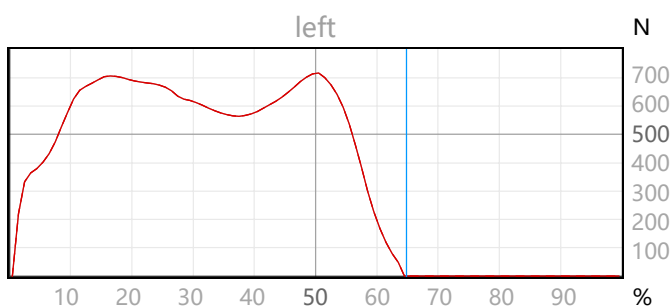
Length of gait line, mm	L	258,2±3,5	<div style="width: 100%; height: 10px; background-color: red;"></div> 300 mm
	R	250,9±0,0	<div style="width: 100%; height: 10px; background-color: green;"></div>
Single limb support line, mm	L	149,0	<div style="width: 100%; height: 10px; background-color: red;"></div>
	R	143,7	<div style="width: 100%; height: 10px; background-color: green;"></div>
Ant/post position, mm		4,3±0,6	<div style="width: 100%; height: 10px; background-color: blue;"></div> -150 mm 150 mm
Lateral symmetry, mm		-1,9±0,5	<div style="width: 100%; height: 10px; background-color: blue;"></div> -21 mm 21 mm
Max gait line velocity, cm/sec		109,6	<div style="width: 100%; height: 10px; background-color: blue;"></div>

Force and pressure

Pressure curves



Force curves



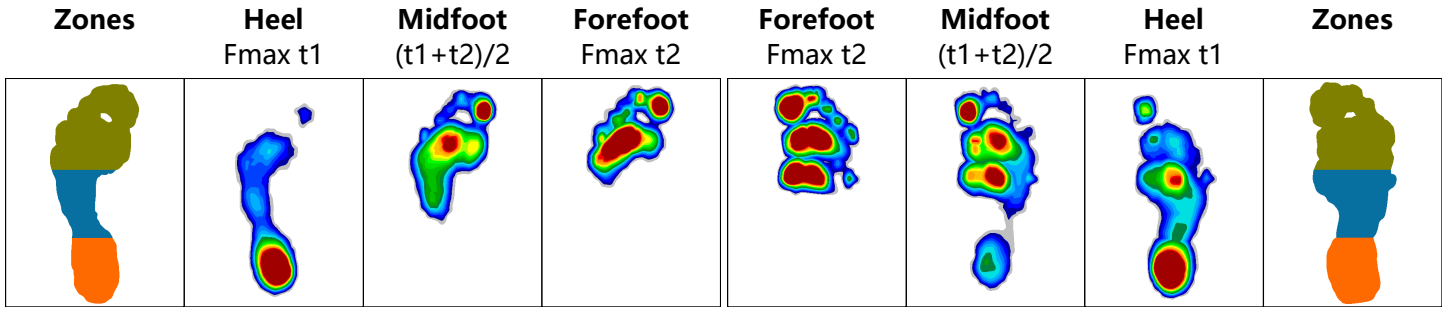
Force parameters

Maximum force1, N	L	706,3	<div style="width: 88%;"></div>	800 N
	R	713,2	<div style="width: 89%;"></div>	
Time maximum force1, %	L	16	<div style="width: 16%;"></div>	100%
	R	13	<div style="width: 13%;"></div>	
Maximum force2, N	L	716,7	<div style="width: 89%;"></div>	800 N
	R	716,8	<div style="width: 89%;"></div>	
Time maximum force2, %	L	50	<div style="width: 50%;"></div>	100%
	R	48	<div style="width: 48%;"></div>	

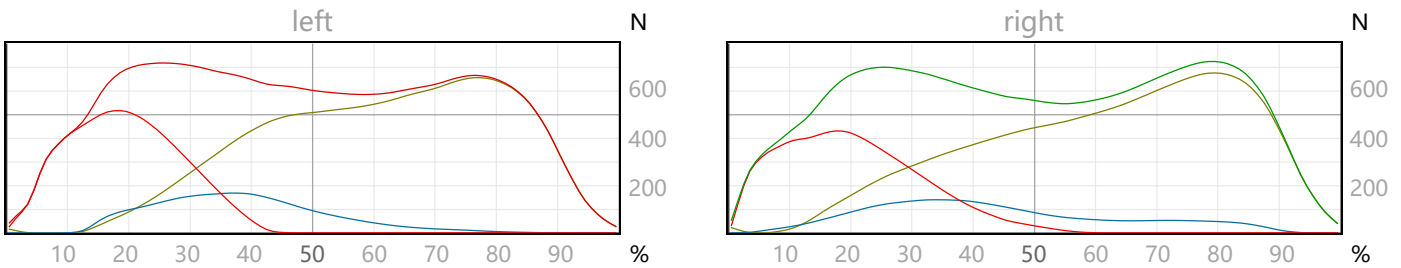
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Three foot zone analysis



Force overlay



Load change

Time change heel to forefoot, sec	L	0,18±0,02	0,24 sec
	R	0,17±0,06	
Time change heel to forefoot, %	L	27,4±2,9	100%
	R	25,5±8,5	

Maximum force, N

Forefoot	L	660,9±57,7	800 N
	R	681,3±68,4	
Midfoot	L	181,0±62,6	
	R	154,1±127,0	
Heel	L	522,6±11,5	
	R	443,4±195,6	

Maximum pressure, N/cm²

Forefoot	L	43,2±3,8	60 N/cm ²
	R	47,1±7,9	
Midfoot	L	10,3±3,1	
	R	14,3±14,3	
Heel	L	40,8±4,1	
	R	37,5±16,5	

Time maximum force, % of stance time






Forefoot	L	73,0±1,0	100%
	R	76,8±0,7	
Midfoot	L	32,9±3,5	
	R	34,1±8,6	
Heel	L	16,0±1,6	
	R	17,1±3,7	

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Contact time, % of stance time

Forefoot	L	85,0±0,6		100%
	R	90,8±1,9		
Midfoot	L	67,3±9,3		
	R	64,0±17,2		
Heel	L	40,0±0,5		
	R	42,6±7,3	