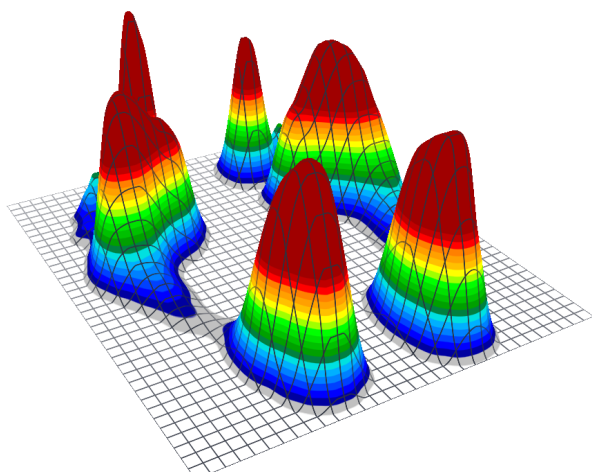


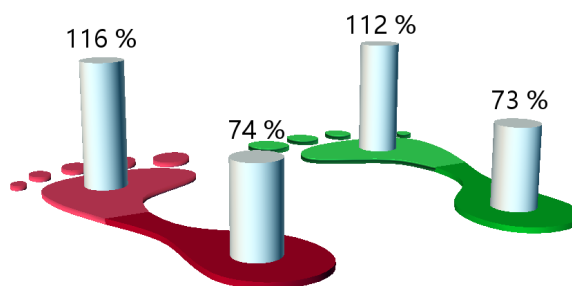
Pressure plot 3d

Stance, average



Force forefoot/backfoot

Max load (% of body weight)

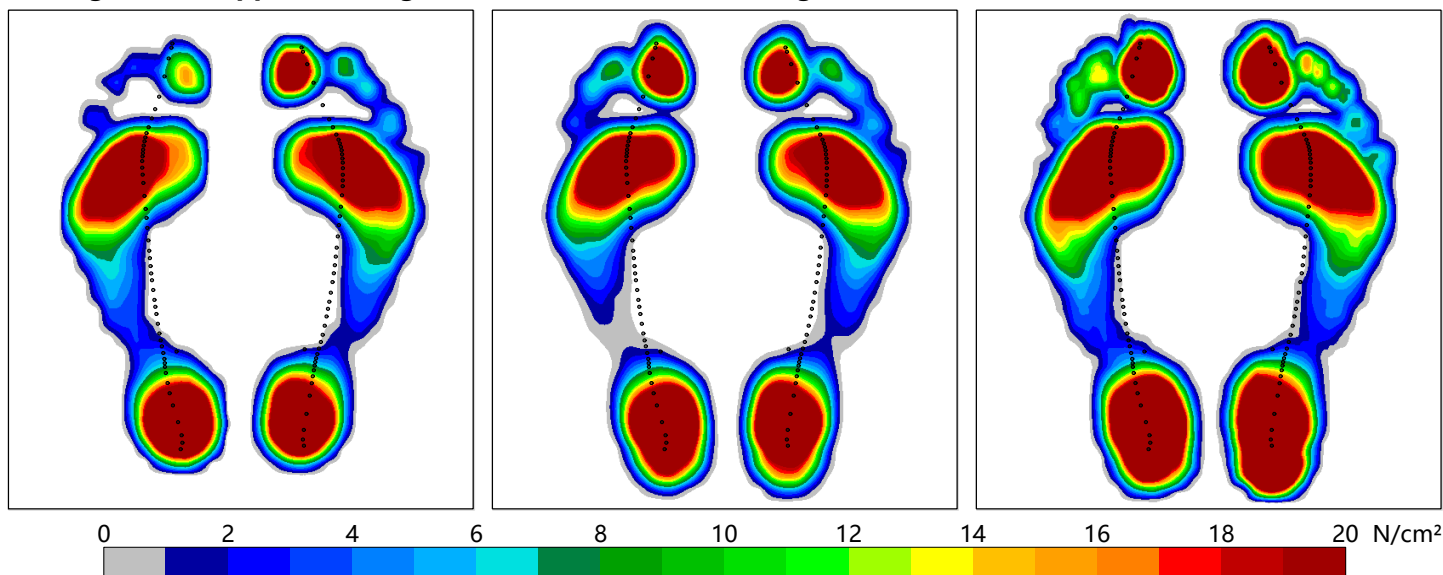


Pressure plots

Single limb support, average

Stance, average

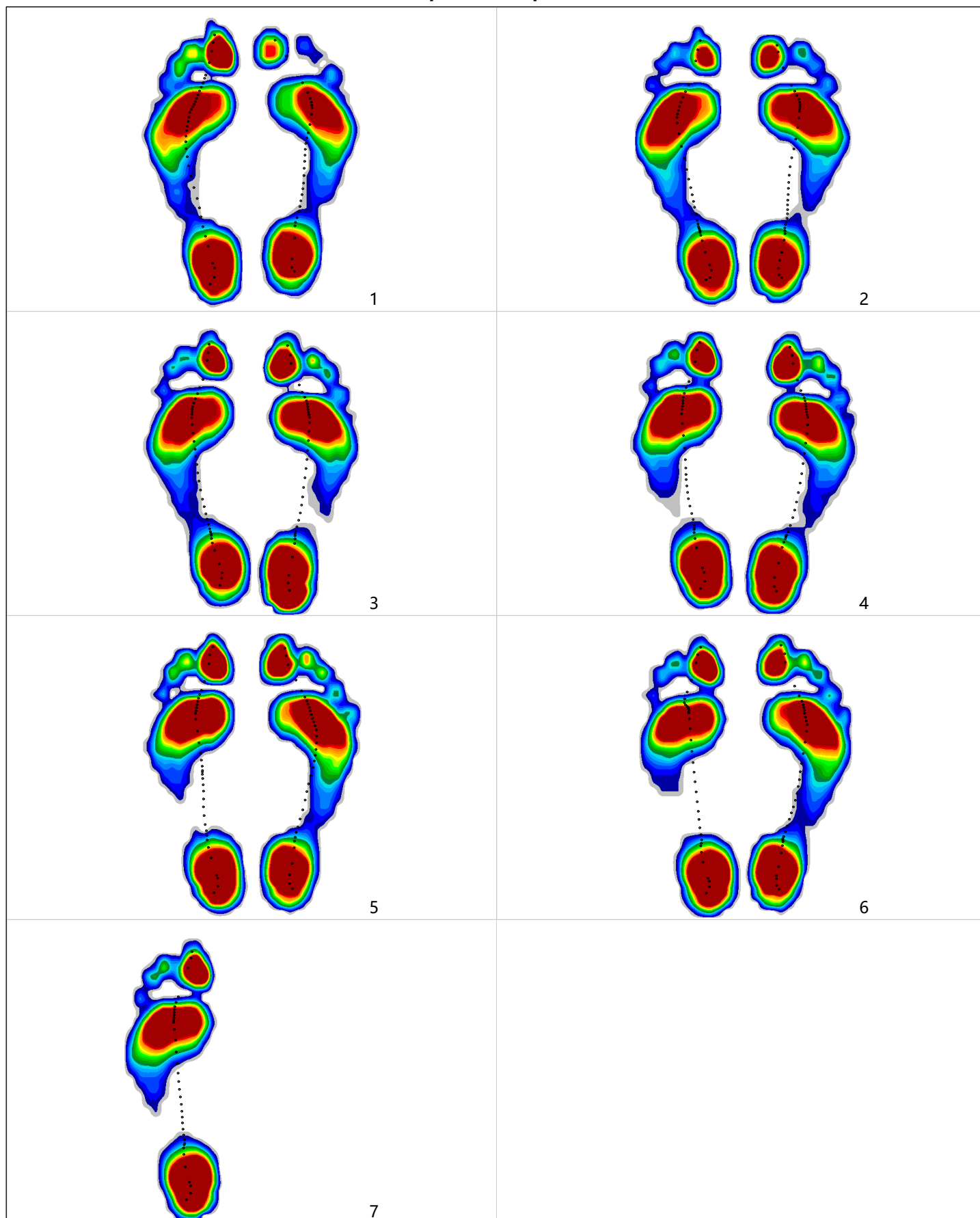
Stance, maximum



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Separate footprints

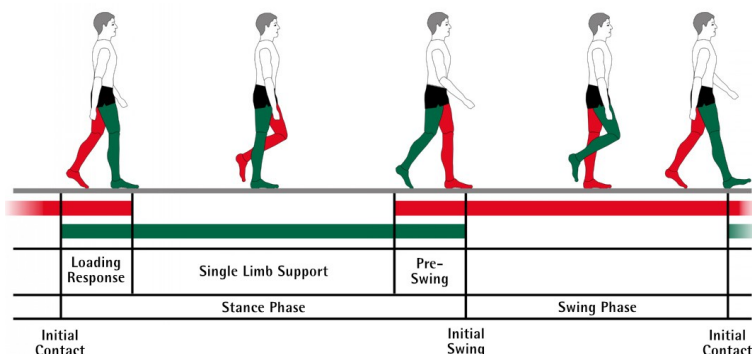


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Gait parameters



Geometry

Foot rotation, degree	L	7,5±2,5	-11°	
	R	6,4±0,2		
Step length, cm	L	66±12		
	R	62±8		
Stride length, cm		128±3		
Step width, cm		12±3		

Phases

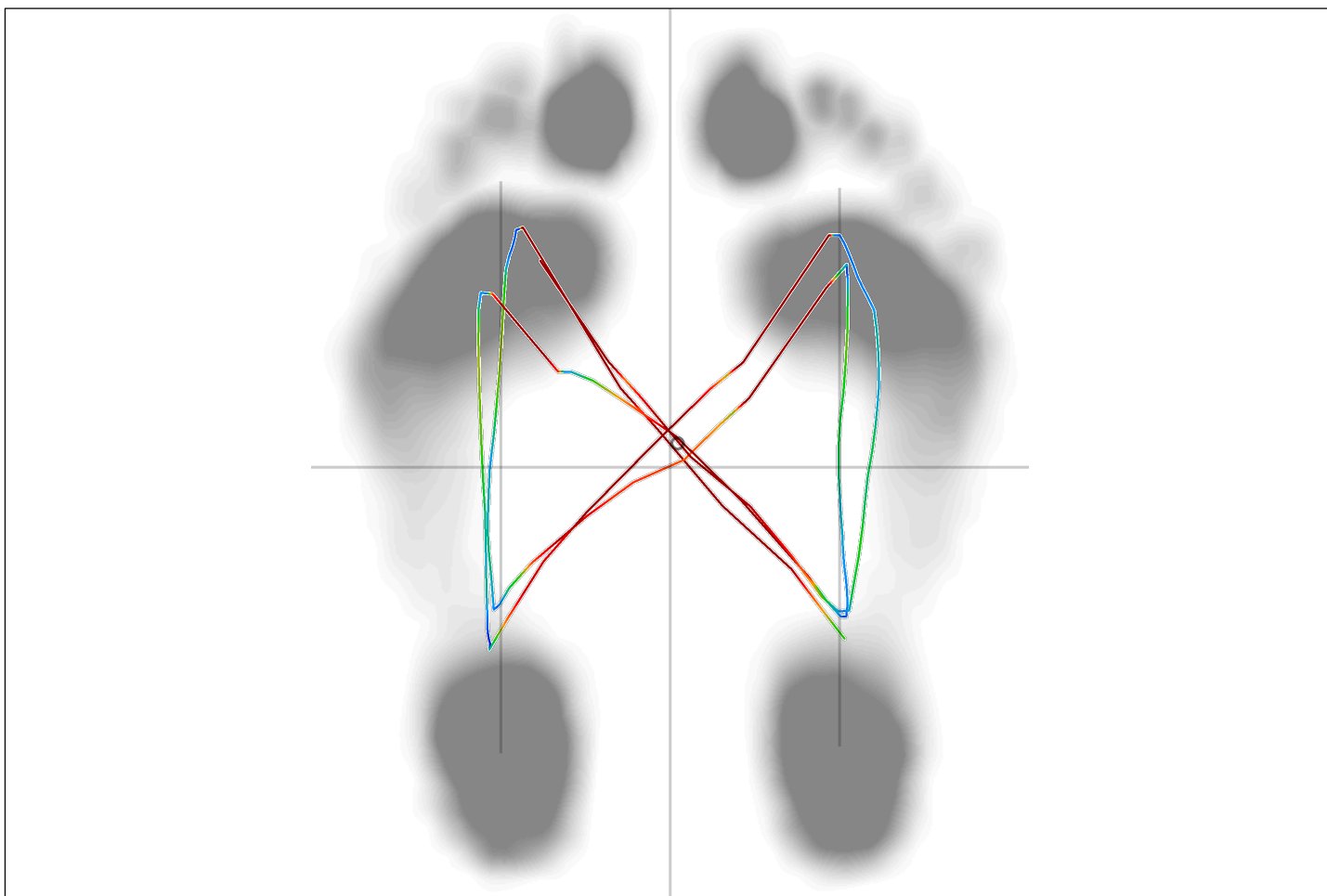
Stance phase, %	L	65,2±1,4		
	R	64,9±1,8		
Load response, %	L	12,3		
	R	15,8±1,8		
Single limb support, %	L	36,8		
	R	35,1±1,8		
Pre-Swing, %	L	15,7±1,9		
	R	14,0±1,8		
Swing phase, %	L	34,8±1,4		
	R	35,1±1,8		
Double stance phase, %		29,8±2,9		

Timing

Step time, sec	L	0,58±0,00		
	R	0,56±0,00		
Stride time, sec		1,14±0,00		
Cadence, steps/min		105±1		
Velocity, km/h		3,9±0,3		

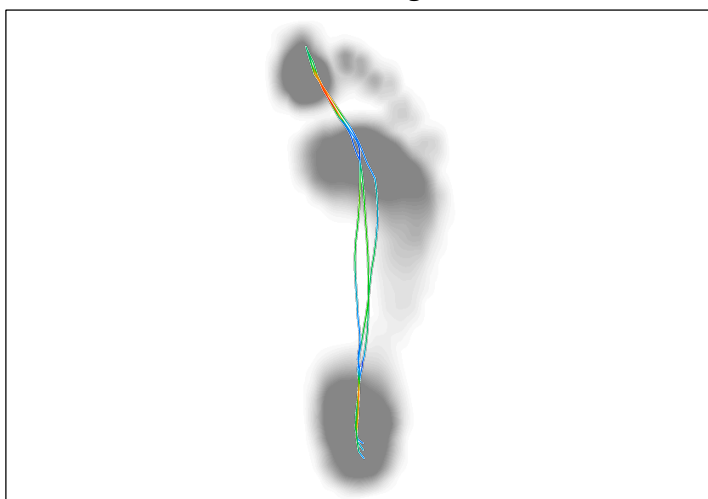
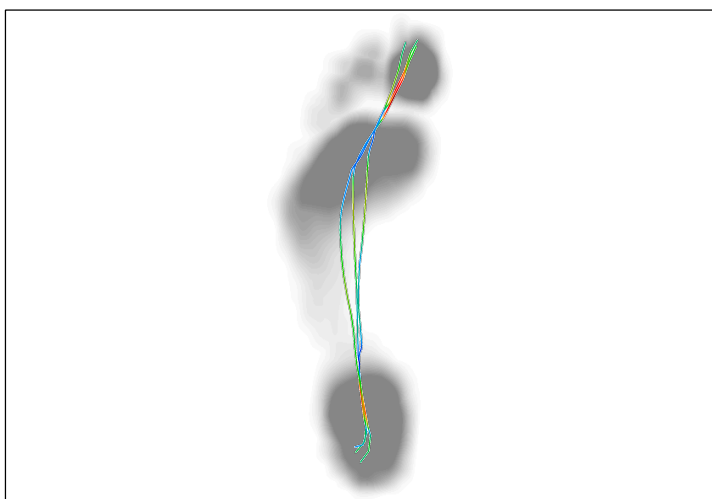
COP analysis

Butterfly



Gait line left

Gait line right

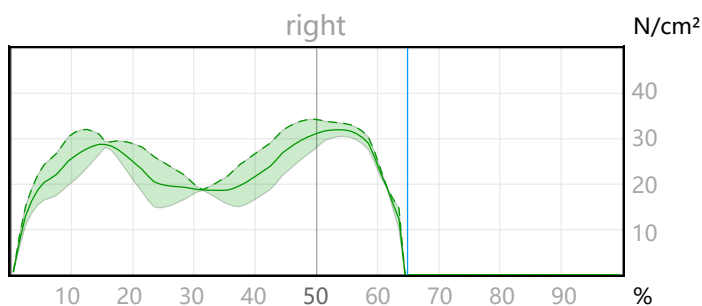
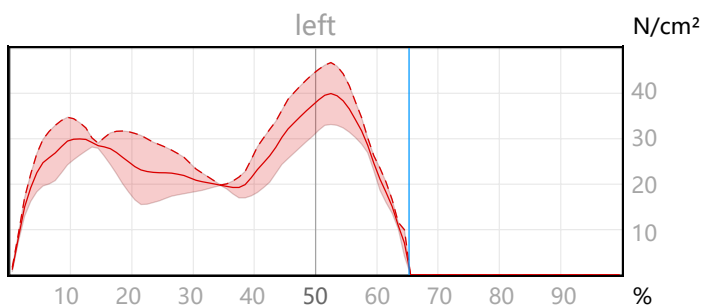


Butterfly parameters

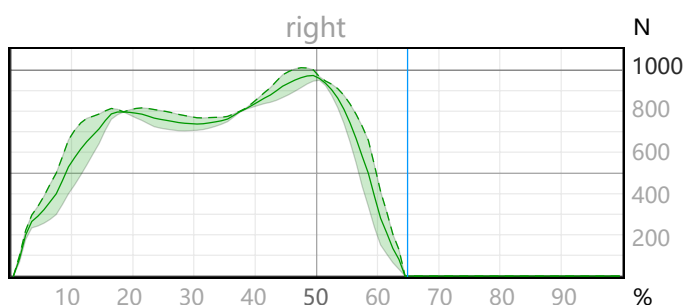
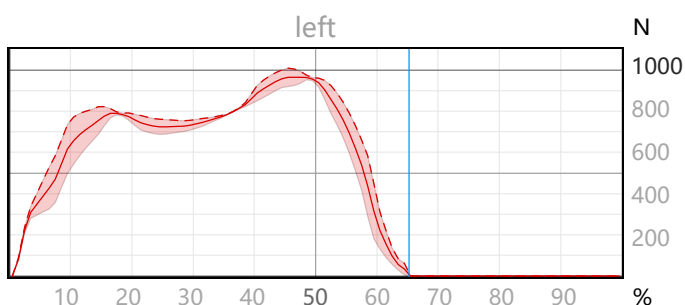
Length of gait line, mm	L	260,6±4,4	<div style="width: 100%; height: 10px; background-color: red;"></div>	300 mm
	R	254,4±5,1	<div style="width: 100%; height: 10px; background-color: green;"></div>	
Single limb support line, mm	L	124,8	<div style="width: 100%; height: 10px; background-color: red;"></div>	
	R	127,2±4,0	<div style="width: 100%; height: 10px; background-color: green;"></div>	
Ant/post position, mm		8,4±4,6	<div style="width: 100%; height: 10px; background-color: blue;"></div>	-150 mm 150 mm
Lateral symmetry, mm		2,6±3,6	<div style="width: 100%; height: 10px; background-color: blue;"></div>	-21 mm 21 mm
Max gait line velocity, cm/sec		132,1	<div style="width: 100%; height: 10px; background-color: blue;"></div>	

Force and pressure

Pressure curves



Force curves



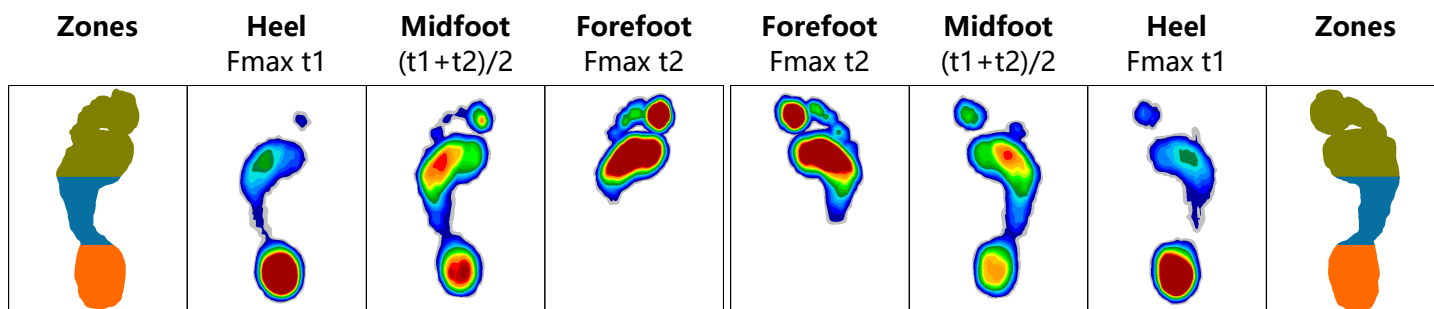
Force parameters

Maximum force1, N	L	789,9	<div style="width: 70%;"></div>	1100 N
	R	796,3	<div style="width: 72%;"></div>	
Time maximum force1, %	L	16	<div style="width: 16%;"></div>	100%
	R	18	<div style="width: 18%;"></div>	
Maximum force2, N	L	964,7	<div style="width: 87%;"></div>	1100 N
	R	973,5	<div style="width: 88%;"></div>	
Time maximum force2, %	L	46	<div style="width: 46%;"></div>	100%
	R	49	<div style="width: 49%;"></div>	

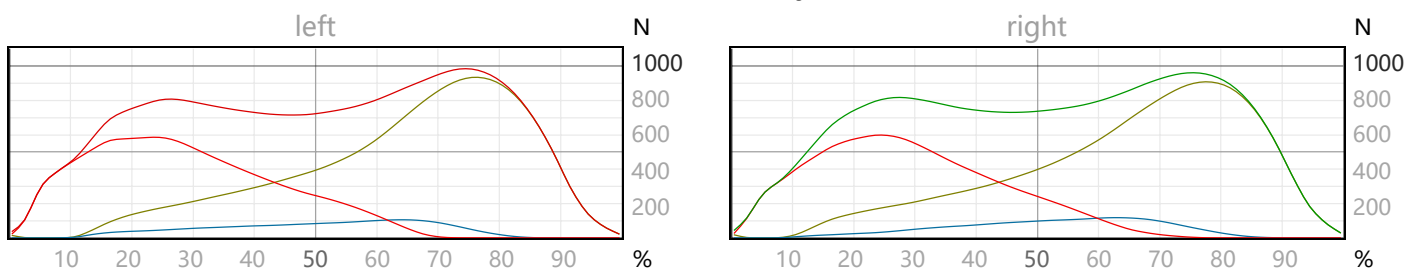
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Three foot zone analysis



Force overlay



Load change

Time change heel to forefoot, sec	L	0,30±0,06	100% sec
	R	0,30±0,05	
Time change heel to forefoot, %	L	41,0±7,1	100%
	R	41,8±5,4	

Maximum force, N

Forefoot	L	943,5±57,0	1000 N
	R	912,2±81,3	
Midfoot	L	113,2±44,8	
	R	128,8±25,6	
Heel	L	621,2±29,6	
	R	611,0±33,9	

Maximum pressure, N/cm²

Forefoot	L	42,8±5,5	60 N/cm²
	R	34,3±5,5	
Midfoot	L	13,9±3,5	
	R	14,6±1,5	
Heel	L	33,9±2,9	
	R	33,2±2,6	

Time maximum force, % of stance time

Forefoot	L	73,5±1,4	100%
	R	74,8±1,2	
Midfoot	L	58,7±8,9	
	R	59,7±5,5	
Heel	L	19,4±5,4	
	R	21,3±3,1	






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MUNI
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Contact time, % of stance time

Forefoot	L	87,9±1,5		100%
	R	88,3±1,0		
Midfoot	L	73,5±2,1		
	R	74,0±1,6		
Heel	L	63,4±3,7		
	R	63,4±4,2	