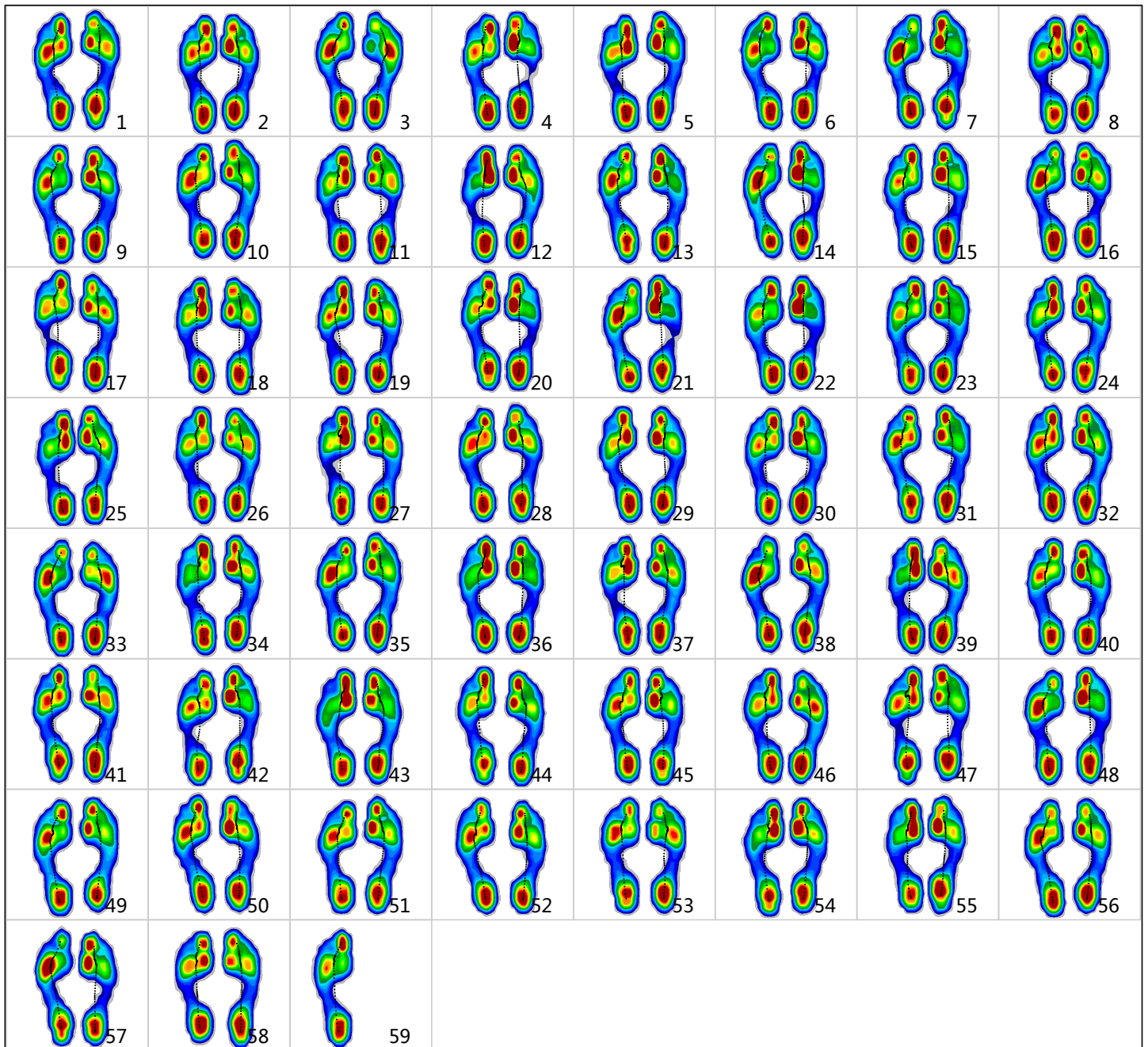


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Pressure plots

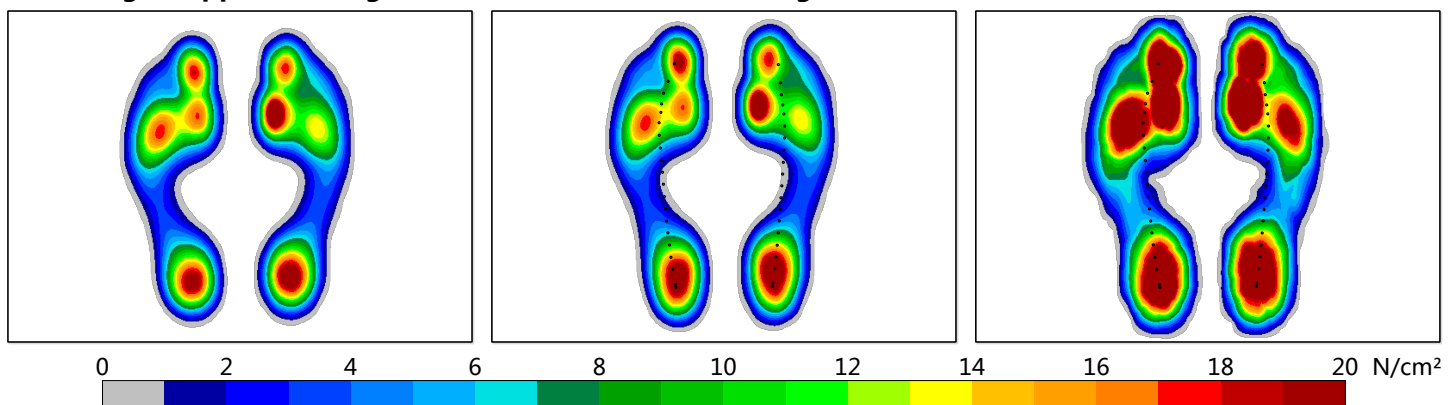
Separate footprints



Single support, average

Stance, average

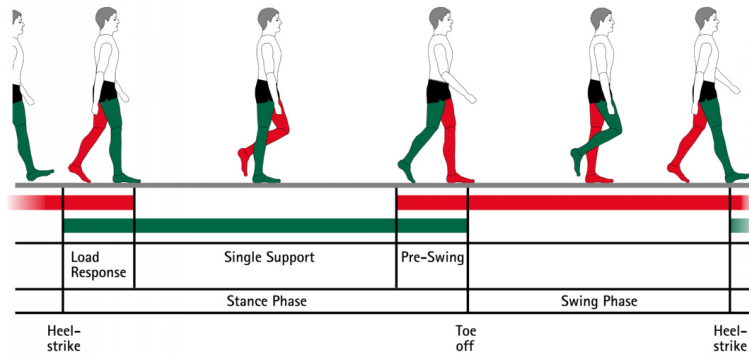
Stance, maximum









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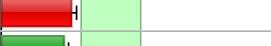





Gait parameters








Geometry

Foot rotation, degree	L	6,6±1,7	-11°		11°
	R	6,5±1,8			
Step length, cm	L	71±1		180 cm	
	R	71±1			
Stride length, cm		142±1			
Step width, cm		6±2			

Phases

Stance phase, %	L	59,7±0,6		100 %
	R	60,1±0,6		
Load response, %	L	9,3±0,5		
	R	10,5±0,6		
Mid stance, %	L	39,9±0,7		
	R	40,3±0,7		
Pre-Swing, %	L	10,5±0,6		
	R	9,4±0,6		
Swing phase, %	L	40,3±0,6		
	R	39,9±0,6		
Double stance phase, %		19,8±0,8		

Timing

Step time, sec	L	0,52±0,...		1.3 sec
	R	0,50±0,...		
Stride time, sec		1,02±0,...		
Cadence, steps/min		117±1		150 steps/min
Velocity, km/h		5,0±0,1		7 km/h

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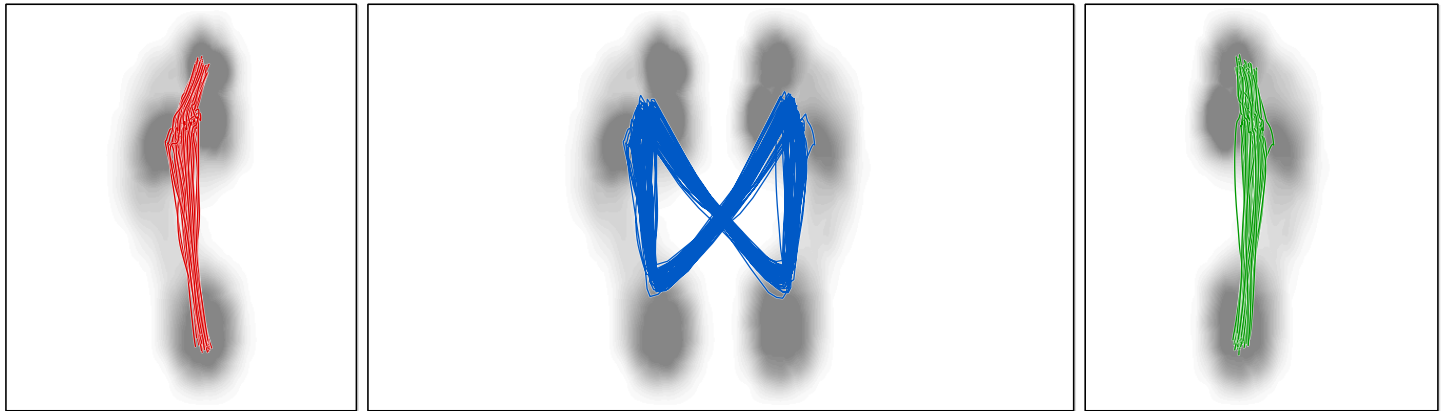
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COP analysis

Gait line left

Butterfly

Gait line right

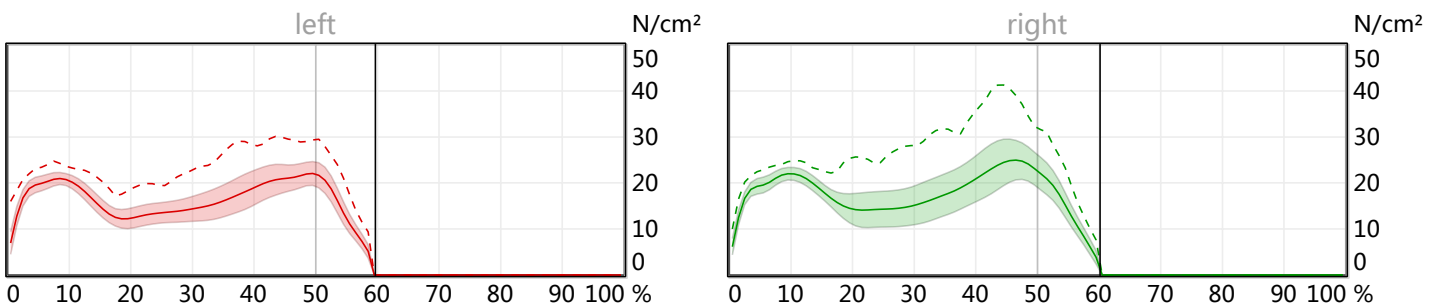


Butterfly parameters

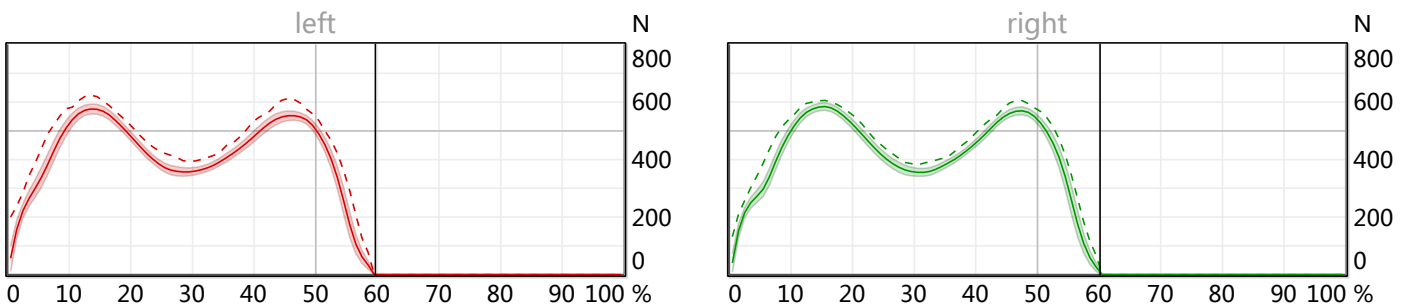
Length of gait line, mm	L	207,9±...		H	300 mm
	R	206,2±...		H	
Single support line, mm	L	122,1±...		H	
	R	124,6±...		H	
Ant/post position, mm		146,1±...		H	
Lateral symmetry, mm		0,5±2,4	-150 mm	H	150 mm

Force and pressure

Pressure curves











Force curves



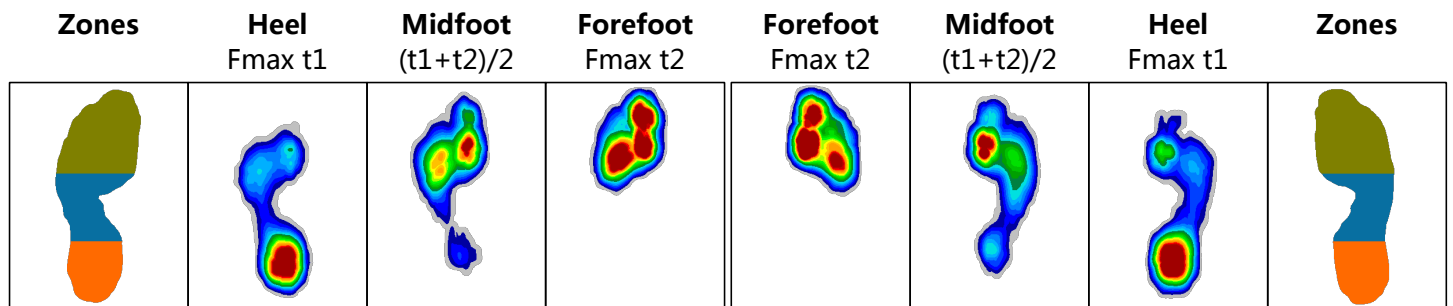
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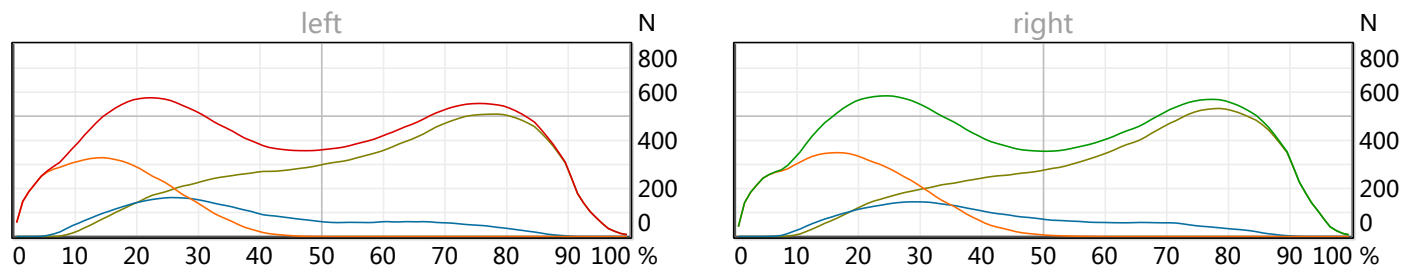
Force parameters

Maximum force1, N	L	575,9		800 N
	R	584,3		
Time maximum force1, %	L	13		100%
	R	15		
Maximum force2, N	L	552,5		800 N
	R	569,6		
Time maximum force2, %	L	46		100%
	R	47		





Three foot zone analysis









Force overlay



Load change

Time change heel to forefoot, sec	L	0,2±0,0		0.25 sec
	R	0,2±0,0		
Time change heel to forefoot, %	L	26,1±2,6		100%
	R	30,4±2,6		

Maximum force, N

Forefoot	L	524,0±2...		800 N
	R	541,3±2...		
Midfoot	L	171,4±3...		
	R	153,7±3...		
Heel	L	333,9±1...		
	R	354,2±1...		

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Maximum pressure, N/cm²

Foot Region	Foot	Value (N/cm ²)	Bar Chart		Reference Value
			Color	Error Bar	
Forefoot	L	24,0±2,9	Red	Yes	50 N/cm ²
	R	26,4±4,8	Green	Yes	
Midfoot	L	12,5±3,2	Red	Yes	
	R	10,1±2,2	Green	Yes	
Heel	L	21,7±1,5	Red	Yes	
	R	22,7±1,4	Green	Yes	

Time maximum force, % of stance time

Foot Region	Foot	Value (% of stance time)	Bar Chart		Reference Value
			Color	Error Bar	
Forefoot	L	76,5±2,6	Red	Yes	100%
	R	77,7±2,1	Green	Yes	
Midfoot	L	27,1±3,8	Red	Yes	
	R	29,9±4,4	Green	Yes	
Heel	L	13,6±2,0	Red	Yes	
	R	16,3±2,0	Green	Yes	

Contact time, % of stance time

Foot Region	Foot	Value (% of stance time)	Bar Chart		Reference Value
			Color	Error Bar	
Forefoot	L	89,9±1,3	Red	Yes	100%
	R	88,6±1,3	Green	Yes	
Midfoot	L	79,8±3,1	Red	Yes	
	R	79,3±3,7	Green	Yes	
Heel	L	42,4±3,6	Red	Yes	
	R	49,1±3,9	Green	Yes	