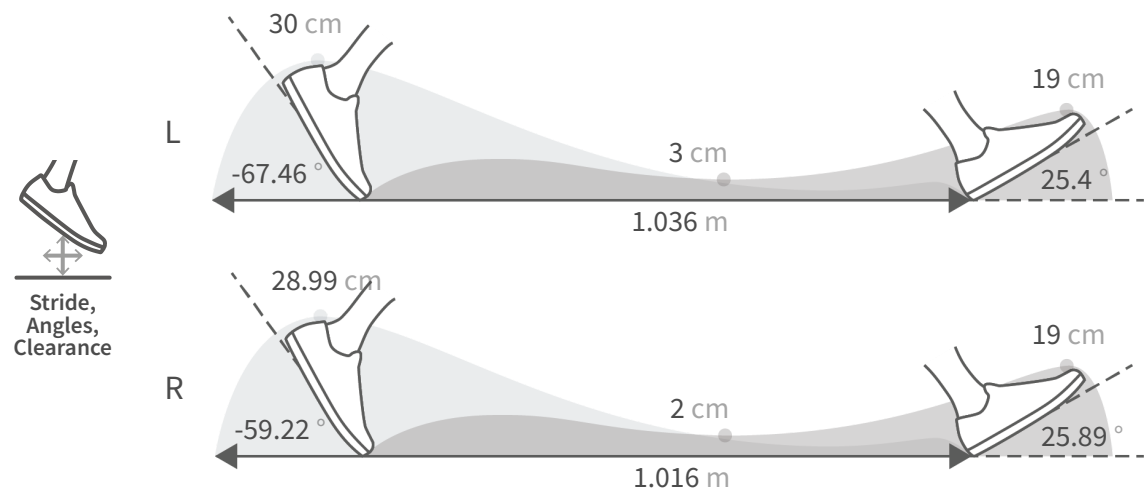
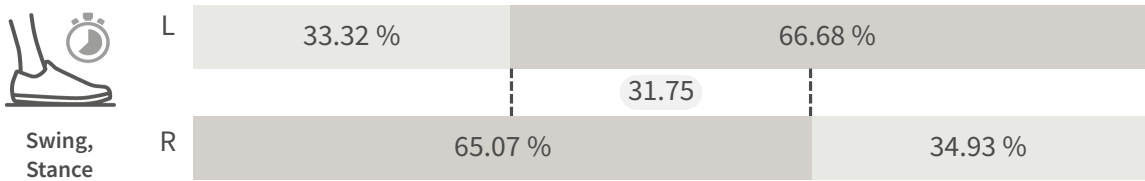
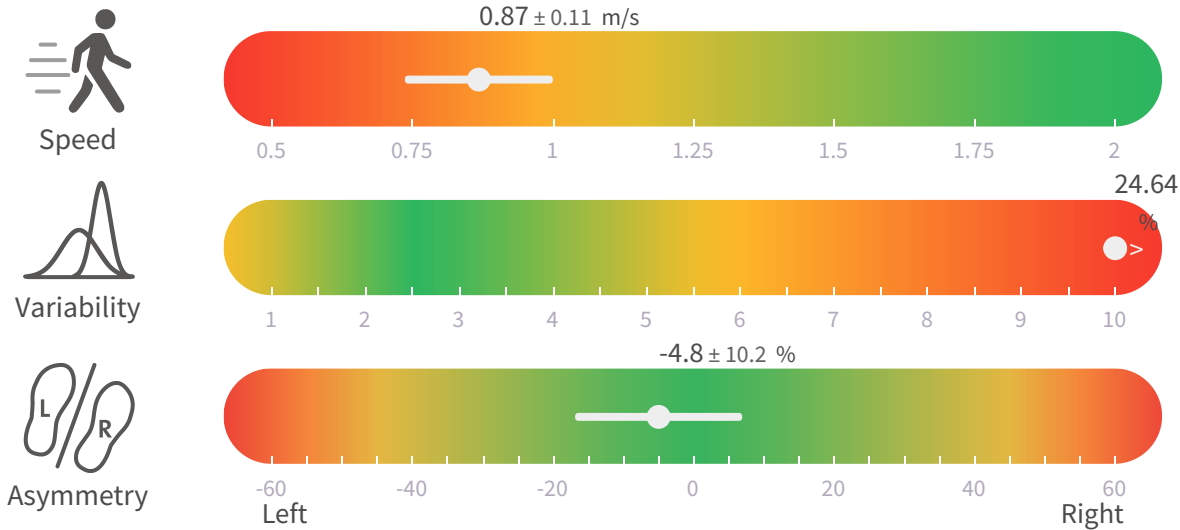







# Gait analysis report















Patient ID	32 cm	Gender	Age	02-09-2024 00:00	
186.21 s	Shoe size	108	104	Date	
Test time	3.32 s	Strides	Analysed	4	107.14 m
Remarks	Turn time			Discarded	Distance







# Detailed statistics

General										
Parameter	Cycle duration	Cadence	Stride length	Speed	Turning angle					
Unit	s	steps/min	m	m/s	degree					
Side	L	R	L	R	L	R				
Mean	1.23	1.25	98.79	98.26	1.04	1.02	0.89	0.88	0.2	0.4
Median	1.21	1.21	99.59	99.59	1.04	1.01	0.9	0.89	0.3	0.2
Std	0.25	0.31	7.31	9.2	0.09	0.08	0.09	0.11	2.7	1.8
Iqr	0.04	0.04	3.31	3.09	0.1	0.09	0.07	0.09	2.8	2.5
Min	1.15	1.16	32.21	33.99	0.61	0.72	0.23	0.28	-7.7	-4
Max	3.73	3.53	104.8	103.9	1.26	1.25	1.08	1.04	12.2	7.1
Ratio	0.99	1.01	1.01	0.99	1.02	0.98	1.01	0.98	0.5	2
CV	20.31	24.64	7.4	9.36	9.1	7.88	10.41	12.49		

Temporal												
Parameter	Stance	Swing	Loading	Foot-flat	Pushing	Double support						
Unit	% cycle	% cycle	% stance	% stance	% stance	% cycle						
Side	L	R	L	R	L	R	L	R				
Mean	66.68	65.07	33.32	34.93	10.85	10.25	58.77	62.81	30.37	26.93	31.89	31.89
Median	66.26	64.97	33.74	35.03	10.61	10.29	58.61	62.38	30.56	27.3	31.12	31.12
Std	2.77	2.76	2.77	2.76	2.54	2.25	4.12	4.33	2.64	2.82	5.98	5.98
Iqr	1.65	1.8	1.65	1.8	2.96	2.57	2.91	2.97	1.42	1.59	1.93	1.93
Min	61.74	61.41	11.68	14.87	1.52	1.66	53.7	57.65	5.93	7.82	27.71	27.71
Max	88.32	85.13	38.26	38.59	17.58	15.09	92.55	90.52	32.72	30.82	72.99	72.99
Ratio	1.02	0.98	0.95	1.05	1.06	0.94	0.94	1.07	1.13	0.89		
CV	4.15	4.24	8.3	7.91	23.4	21.94	7.02	6.9	8.68	10.45	18.76	18.76

Spatial												
Parameter	Peak swing	Swing speed	Strike angle	Lift-off angle	Swing width	3D path length						
Unit	degree/s	m/s	degree	degree	m	% stride length						
Side	L	R	L	R	L	R	L	R				
Mean	379.9	337.1	3.26	3.13	25.4	25.89	-67.46	-59.22	0.01	-0.03	109.95	111.86
Median	382.1	338.5	3.28	3.13	25.56	25.63	-67.96	-60.29	0.02	-0.03	109.16	111.12
Std	25.9	24	0.15	0.16	3.03	2.74	4.08	4.54	0.03	0.03	3.16	4.48
Iqr	24.9	26.2	0.21	0.23	2.27	3.28	2.8	5.74	0.03	0.02	4.03	5.24
Min	219	216.7	2.51	2.72	1.34	14.92	-75.54	-67.36	-0.05	-0.11	104.21	104.43
Max	427.6	395.6	3.54	3.51	30.44	31.93	-35.26	-37.68	0.07	0.03	122.49	131.67
Ratio	1.1	0.9	1.04	0.96	0.98	1.02	1.14	0.88	-0.59	-1.69	0.98	1.02
CV	6.8	7.1			11.94	10.59	-6.05	-7.67			2.88	4.01

Clearance								
	Max. heel	Max. toe 1	Min. toe	Max toe 2				
	Unit	m	m	m	m			
	Side	L	R	L	R	L	R	
Mean	0.3	0.29	0.04	0.05	0.03	0.02	0.19	0.19
Median	0.3	0.29	0.04	0.05	0.02	0.02	0.19	0.19
Std	0.02	0.03	0.01	0.01	0.01	0.01	0.01	0.02
Iqr	0.02	0.03	0.01	0.02	0.01	0.02	0.02	0.03
Min	0.13	0.19	0.02	0.02	0	0	0.15	0.14
Max	0.34	0.36	0.07	0.11	0.04	0.07	0.23	0.26
Ratio	1.05	0.95	0.88	1.13	1.08	0.92	1	1
CV								

Cycle-by-cycle results can be found in the excel file also generated by the software