

Running analysis report



0000-999
Participant

80 kg
Weight

f
Gender

26
Age

180 cm
Height

06/02/2023 11:05
Date and time

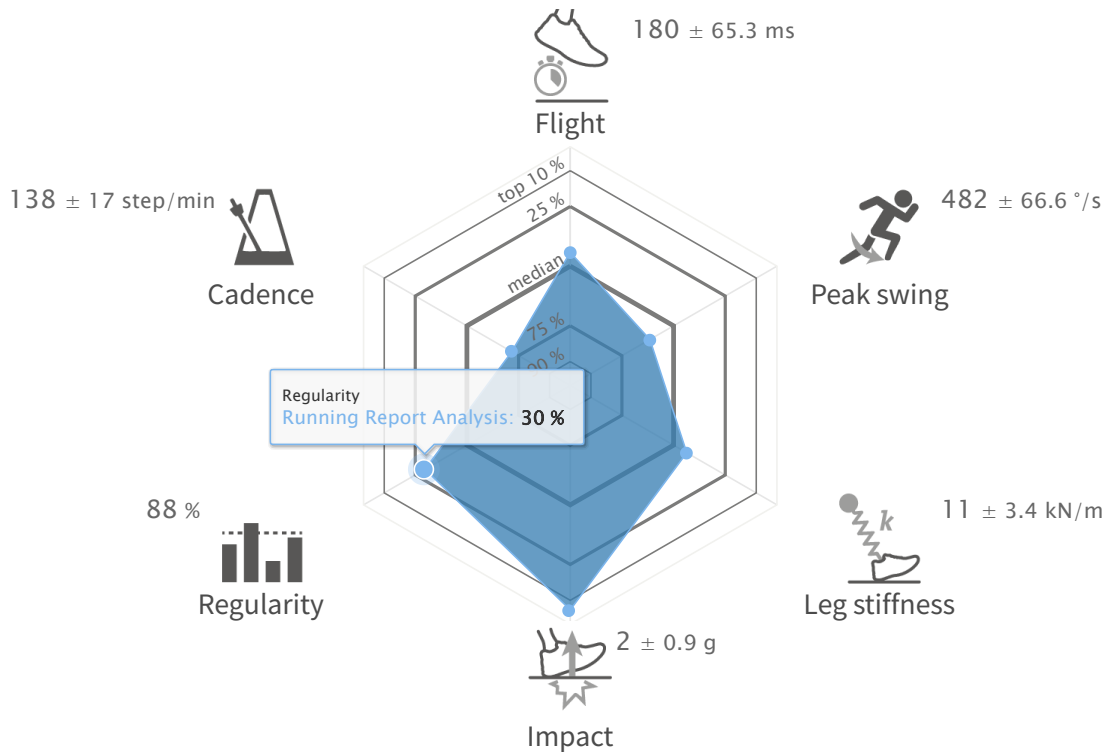
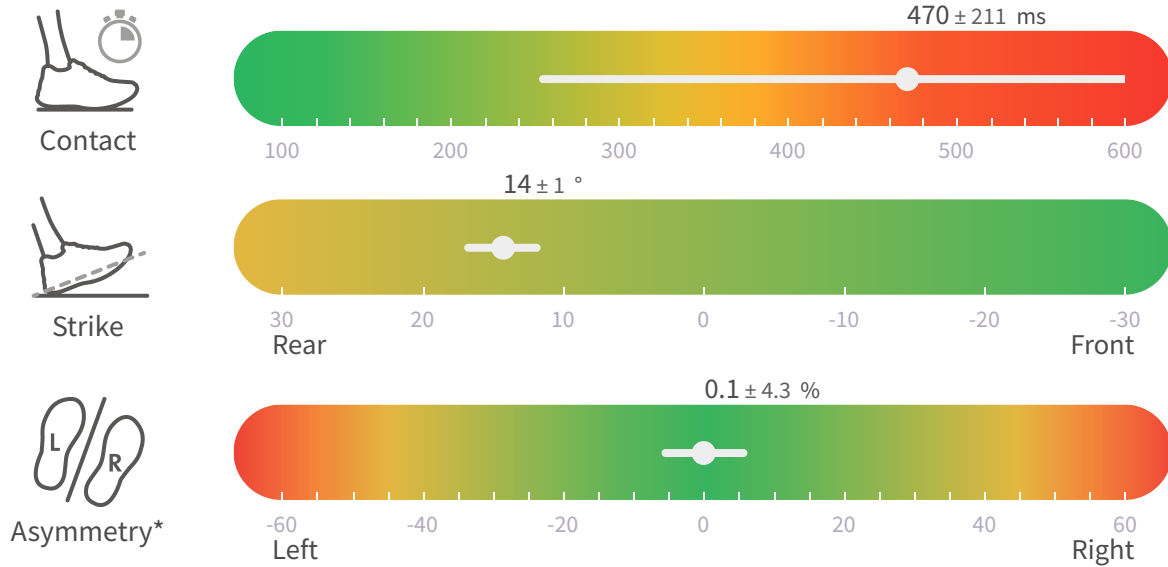
26.05 s
Test duration

28
Total strides

15.6 km/h
Avg. speed





N/A
Total distance





Deviations : Measurement stopped before end of session









* Relative difference between right / left swing phase time

Detailed statistics

								
Temporal	Contact		Flight time		Stride		Cadence	
Parameter	ms		ms		s		steps/min	
Units								
Side	L	R	L	R	L	R	L	R
Mean	470.79	463.52	-40.49	179.85	0.89	0.88	137.43	138.31
Std	211.65	184.77	237.09	65.37	0.15	0.14	18.03	17.04
Median	367.04	380.88	40	166	0.82	0.82	144.92	145.27
Iqr	78.05	86.86	47.5	41	0.03	0.02	5.53	4.77
Min	346.89	336.82	-742	70	0.8	0.8	87.08	86.45
Max	1046.84	1046.84	530	408	1.37	1.38	149.25	149.25
CV	44.95	39.86			17.62	16.63	13.12	12.32

								
Spatial	Strike angle		Pronation at IC		Lift off angle		Amplitude	
Parameter	degree		degree		degree		m	
Units								
Side	L	R	L	R	L	R	L	R
Mean	14.25	17.28	-19.14	-7.77	-33.38	-31.76	0.92	0.69
Std	1.87	2.21	2.21	2.07	7.61	7.4	0.32	0.07
Median	14.42	17.89	-19.65	-8.13	-30.24	-31.69	0.85	0.72
Iqr	1.61	1.86	1.56	2.51	4.37	10.41	0.09	0.1
Min	9.44	11.99	-21.61	-10.38	-54.76	-52.36	0.55	0.56
Max	17.69	21.37	-11.84	-2.3	-26.28	-22.56	2.17	0.82
CV							34.71	11.25

												
Performance	Speed		Vertical impact		Horizontal impact		Peak swing		Vertical stiffness		Leg stiffness	
Parameter	m/s		g		g		degree/s		kN/m		kN/m	
Units												
Side	L	R	L	R	L	R	L	R	L	R	L	R
Mean	2.05	1.61	2.64	2.34	4.17	2.72	418	482.05	20.47	14.31	13.11	10.63
Std	0.4	0.29	0.85	0.93	1.76	1.22	38.77	66.63	15.75	4.79	3.89	3.44
Median	2.06	1.72	2.83	2.44	4.57	2.62	430.48	511.16	27.3	16.4	13.9	11.74
Iqr	0.21	0.46	1.25	1.09	2.36	1.9	29.17	68.67	8.3	2.73	0.89	1.21
Min	0.8	0.95	0.54	0.2	0.5	0.84	264.75	298.54	-26.66	2.33	1.99	1.98
Max	3.3	1.99	3.78	3.68	7	5.23	454.09	547.45	36.72	18.28	21.32	13.93
CV	19.76	17.99	32.44	39.82	42.17	45.05					29.65	32.38