



HEALBONE GAIT ANALYSIS REPORT

PATIENT: QianJin Tang

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LAB: NanJin HealBone Lab1

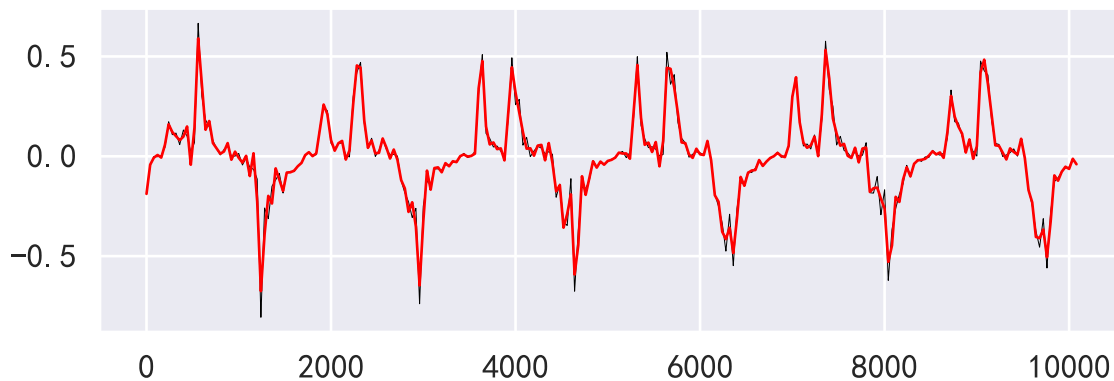
Spatiotemporal parameters 时空参数

参数Parameters	数值Data	单位Unit	参考值Reference
Number of step 步数	16	-	-
Cadence 步速	95.24	steps/min	-
Mean step time 平均步长	626.67	ms	-
Step time variability standard deviation 步长时间变化(标准差)	156.4	-	-
Step time variability coefficient of variation 步长时间变化(变化系数)	0.25	-	-
Step regularity 步长规律指数	0.9398	-	-
Stride regularity 步幅规律指数	0.9704	-	-
Step symmetry 步长对称指数	0.9684	-	-
Total 样本步行总时长	10.12	sec	-
检测项共计			9 项

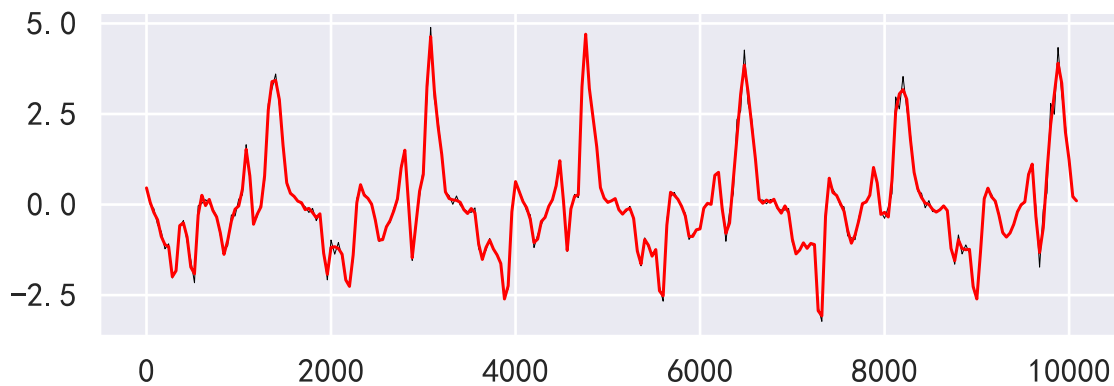
*注: HealBone Lab的Gait检测结果仅对步态评估提供参考建议

RIGHT_KNEE Accelerations

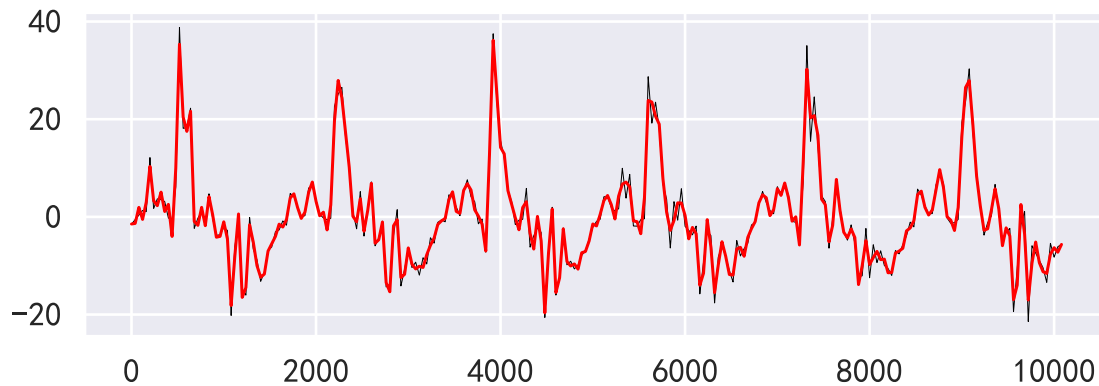
Medio-lateral (ML) - side to side



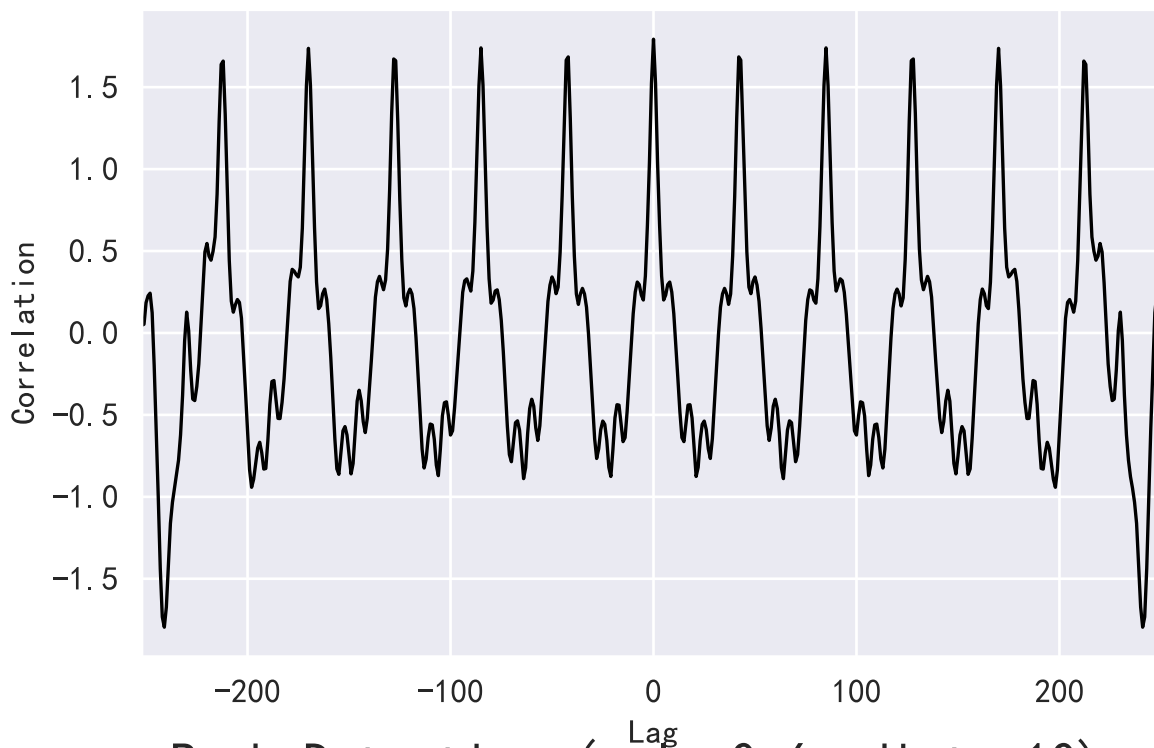
Vertical (VT) - up down



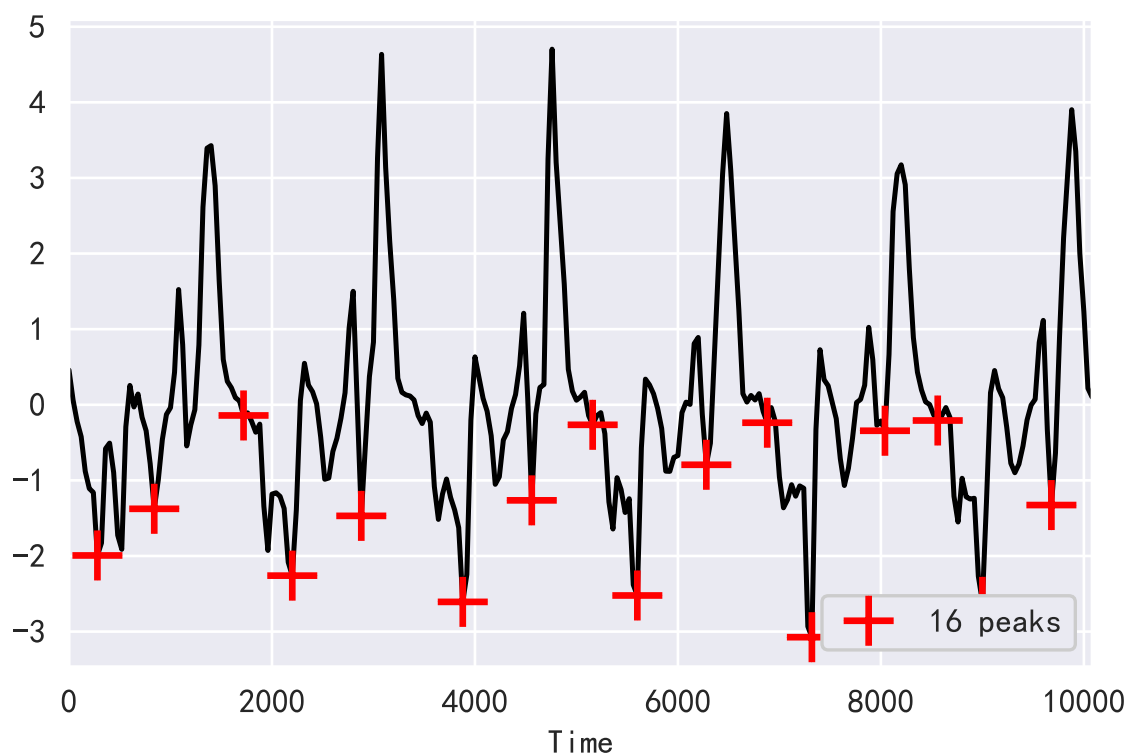
Antero-posterior (AP) - forwards backwards



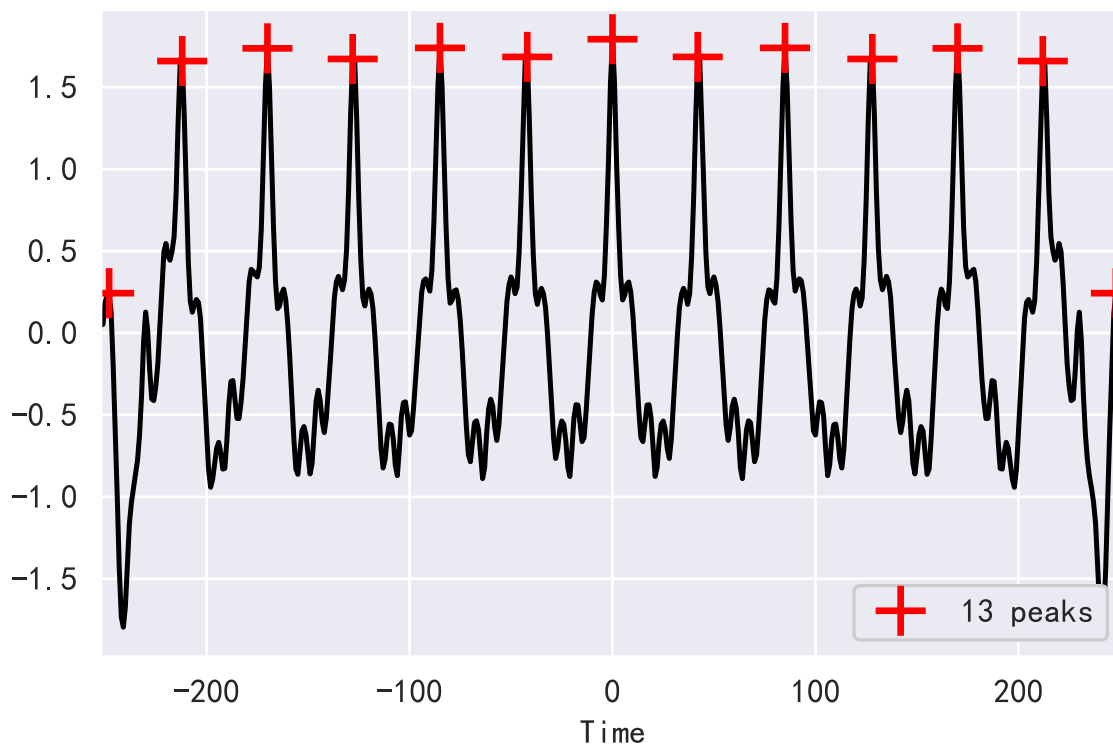
Cross-correlation (scale: unbiased)



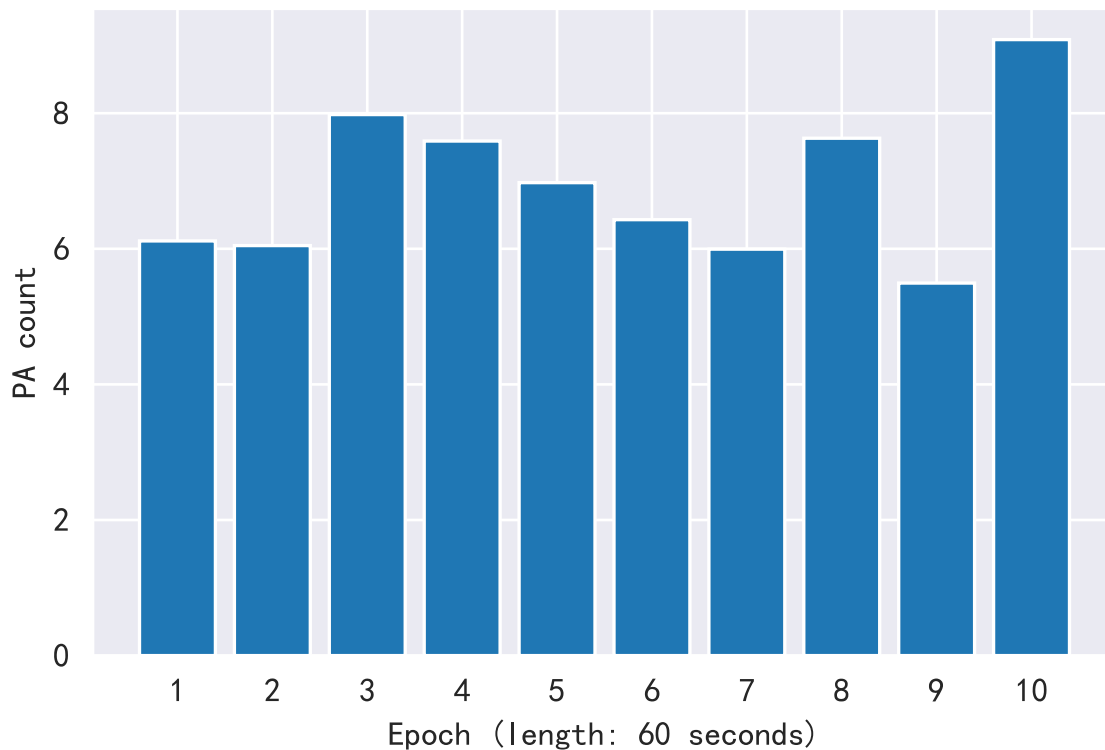
Peak Detection (val: 0.6, dist: 10)



Peak Detection (val: 0.1, dist: 30)



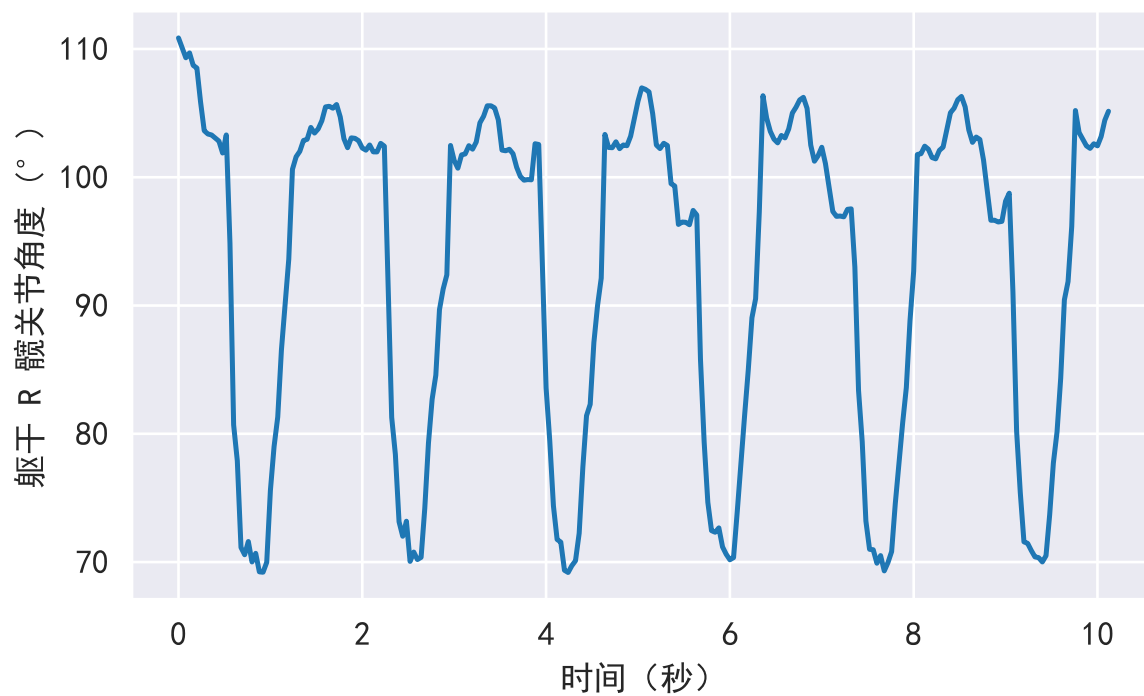
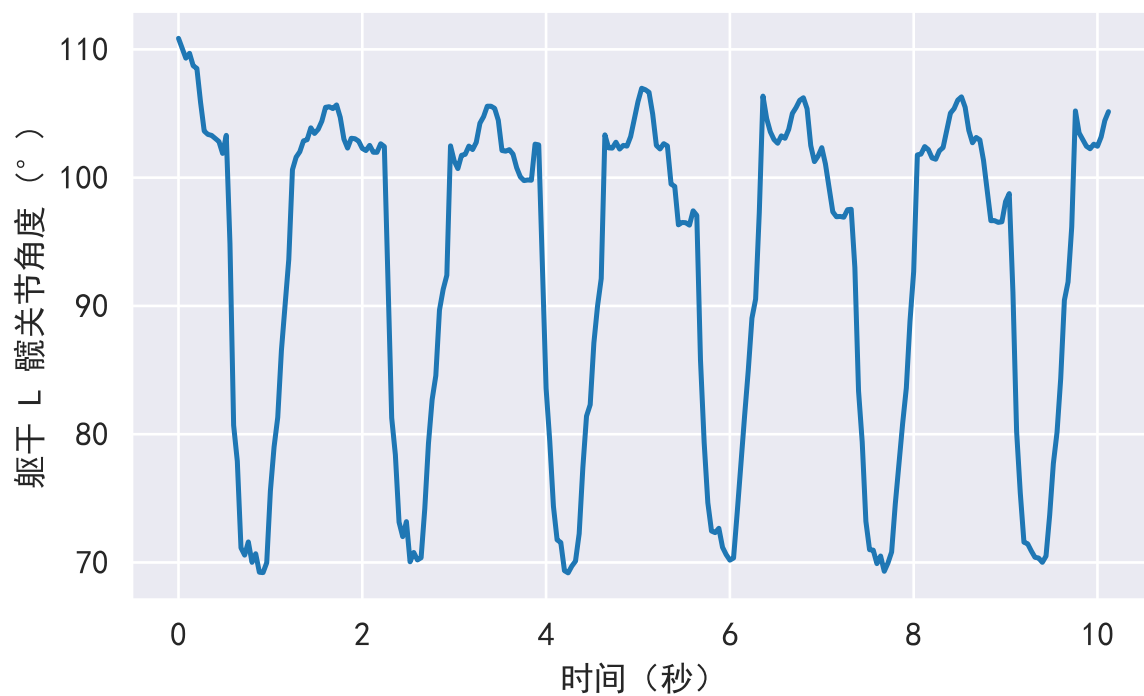
Physical activity counts and intensity



Range of Motion 臀部活动度

参数Parameters	数值Data	单位Unit	参考值Reference
骨盆倾斜 Pelvis Obliquity	110.86	degree	-
骨盆旋转 Pelvis Rotation	69.19	degree	-
检测项共计	2 项		

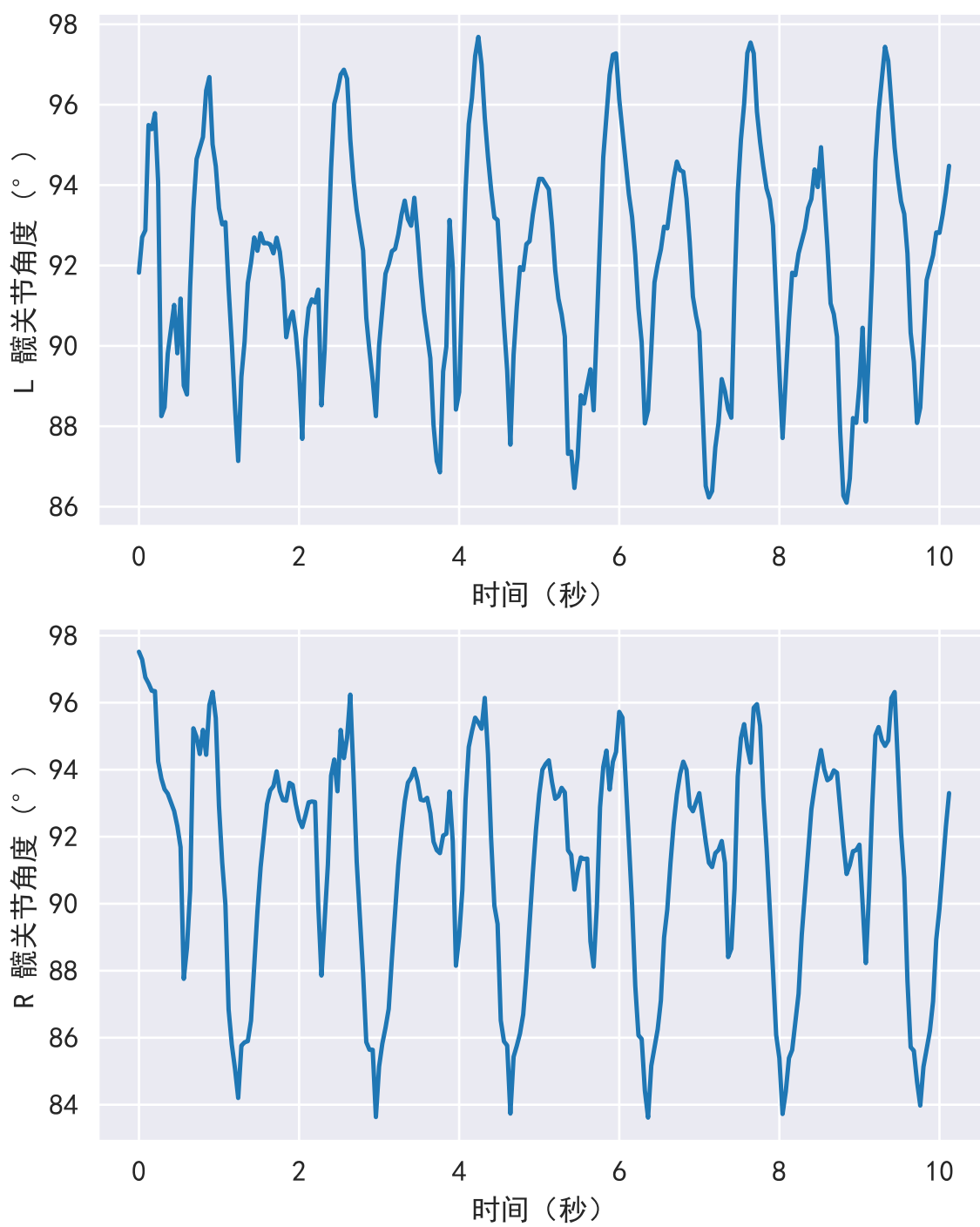
躯干髋关节夹角变化周期



Range of Motion 髋关节活动度

参数Parameters	数值Data	单位Unit	参考值Reference
左髋关节伸展 L.Hip Extension	97.69	degree	-
左髋关节屈曲 L.Hip Flex	86.1	degree	-
右髋关节伸展 R.Hip Extension	97.52	degree	-
右髋关节屈曲 R.Hip Flex	83.62	degree	-
左髋关节外展 L.Hip Abduction	-	degree	-
左髋关节内收 L.Hip Adduction	-	degree	-
右髋关节外展 R.Hip Abduction	-	degree	-
右髋关节内收 R.Hip Adduction	-	degree	-
检测项共计	8 项		

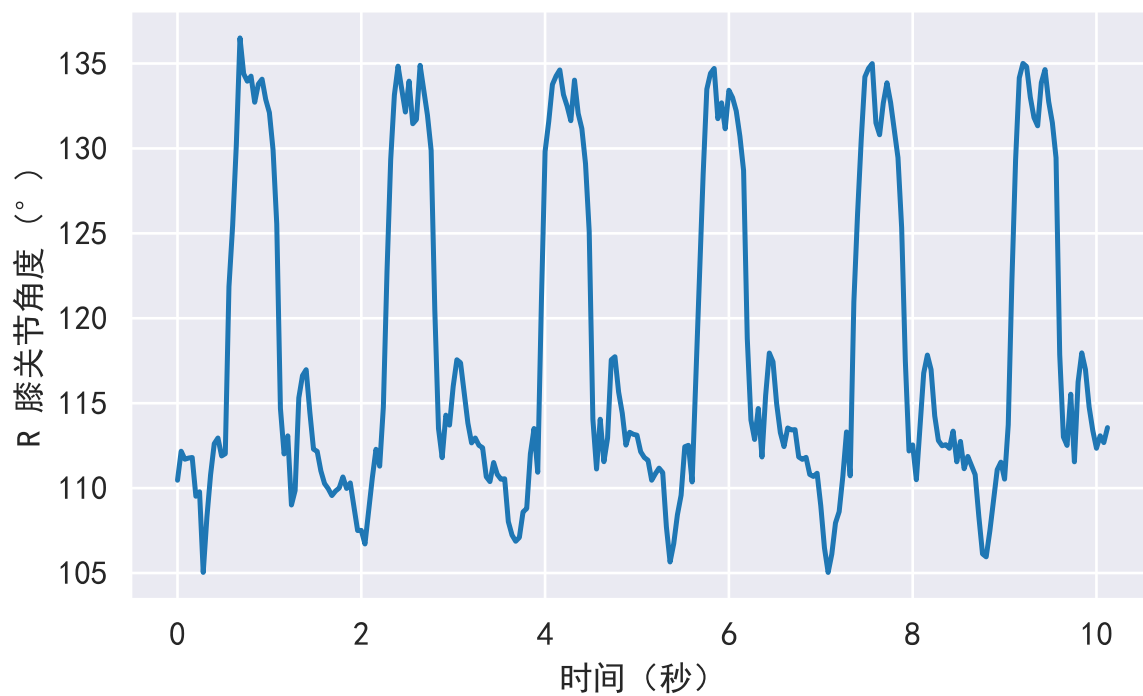
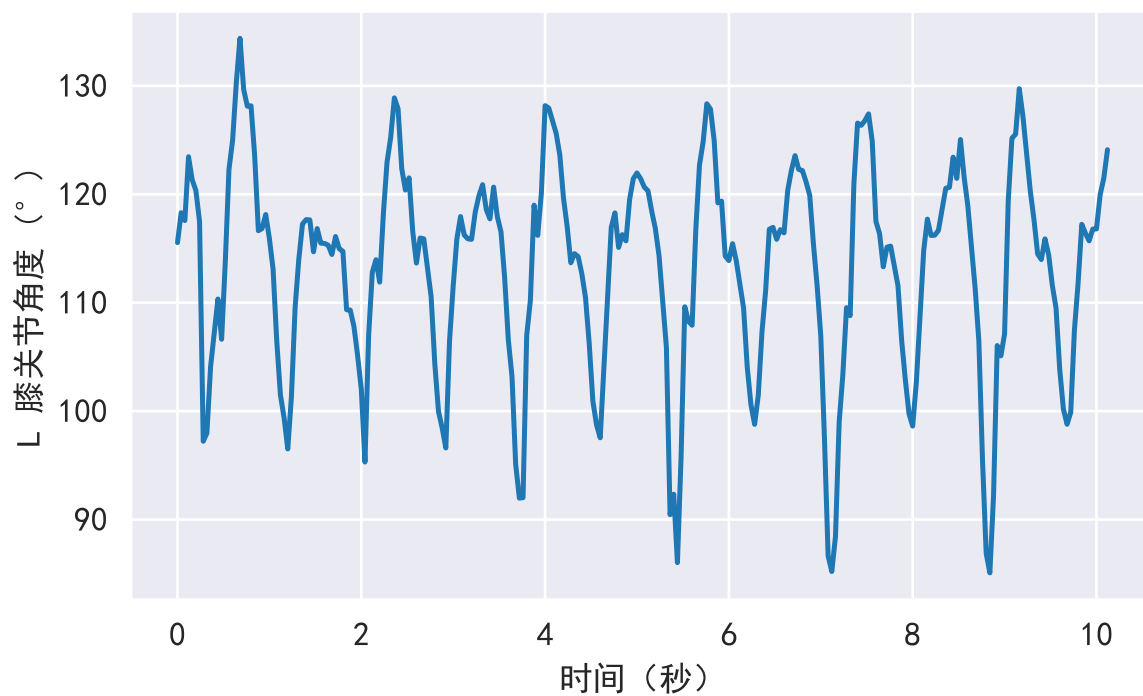
髋关节角变化周期



Range of Motion 膝关节活动度

参数Parameters	数值Data	单位Unit	参考值Reference
左膝关节伸展 L.KNEE Extension	134.39	degree	-
左膝关节屈曲 L.KNEE Flex	85.08	degree	-
右膝关节伸展 R.KNEE Extension	136.51	degree	-
右膝关节屈曲 R.KNEE Flex	105.03	degree	-
左膝关节外展 L.KNEE Abduction	-	degree	-
左膝关节内收 L.KNEE Adduction	-	degree	-
右膝关节外展 R.KNEE Abduction	-	degree	-
右膝关节内收 R.KNEE Adduction	-	degree	-
检测项共计	8 项		

膝关节角度变化周期



Range of Motion 踝关节活动度

参数Parameters	数值Data	单位Unit	参考值Reference
左踝关节伸展 L.Ankle Extension	63.36	degree	-
左踝关节屈曲 L.Ankle Flex	35.13	degree	-
右踝关节伸展 R.Ankle Extension	59.52	degree	-
右踝关节屈曲 R.Ankle Flexion	37.13	degree	-
左踝关节外展 L.Ankle Abduction	-	degree	-
左踝关节内收 L.Ankle Adduction	-	degree	-
右踝关节外展 R.Ankle Abduction	-	degree	-
右踝关节内收 R.Ankle Adduction	-	degree	-
检测项共计	8 项		

踝关节角度变化周期

