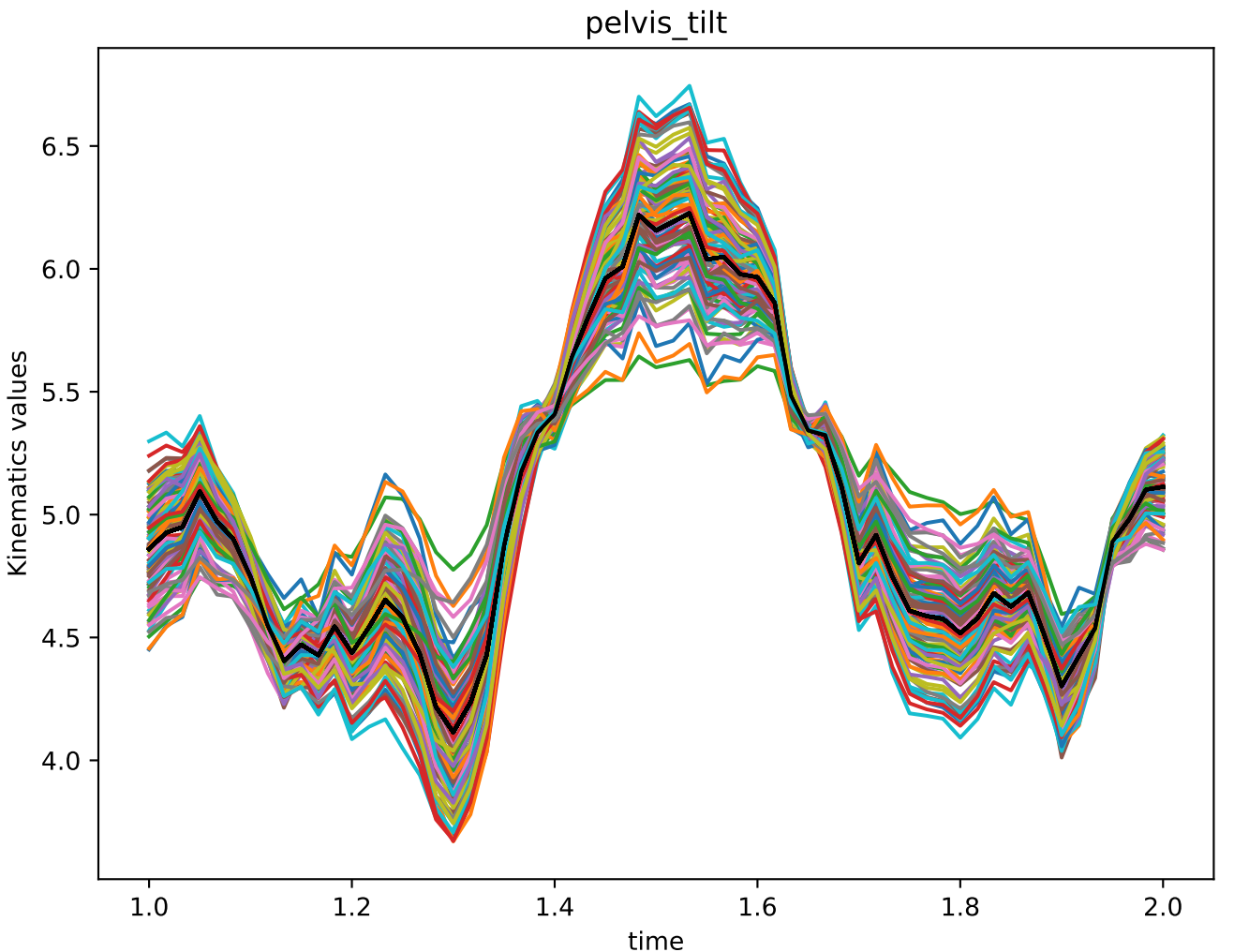
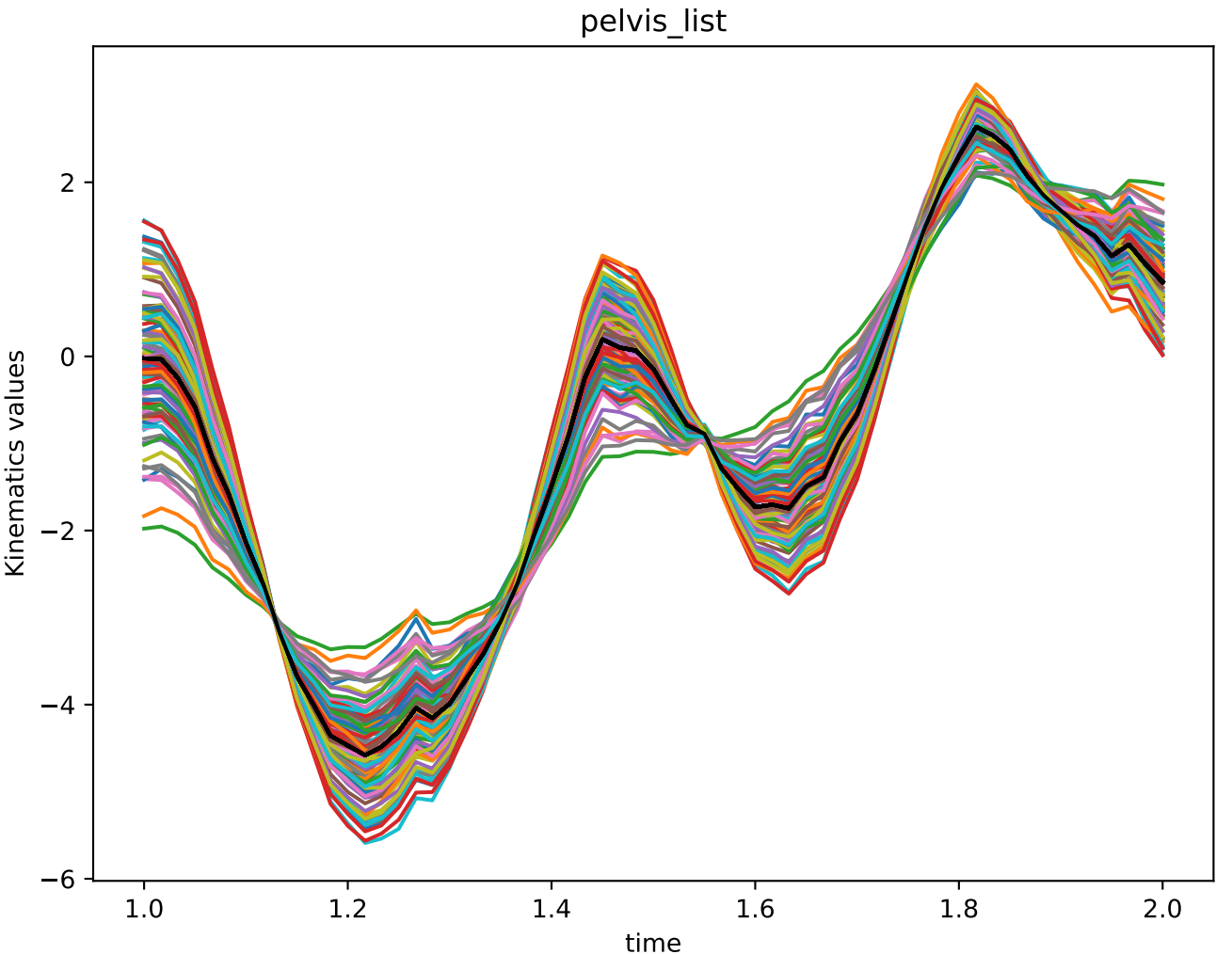
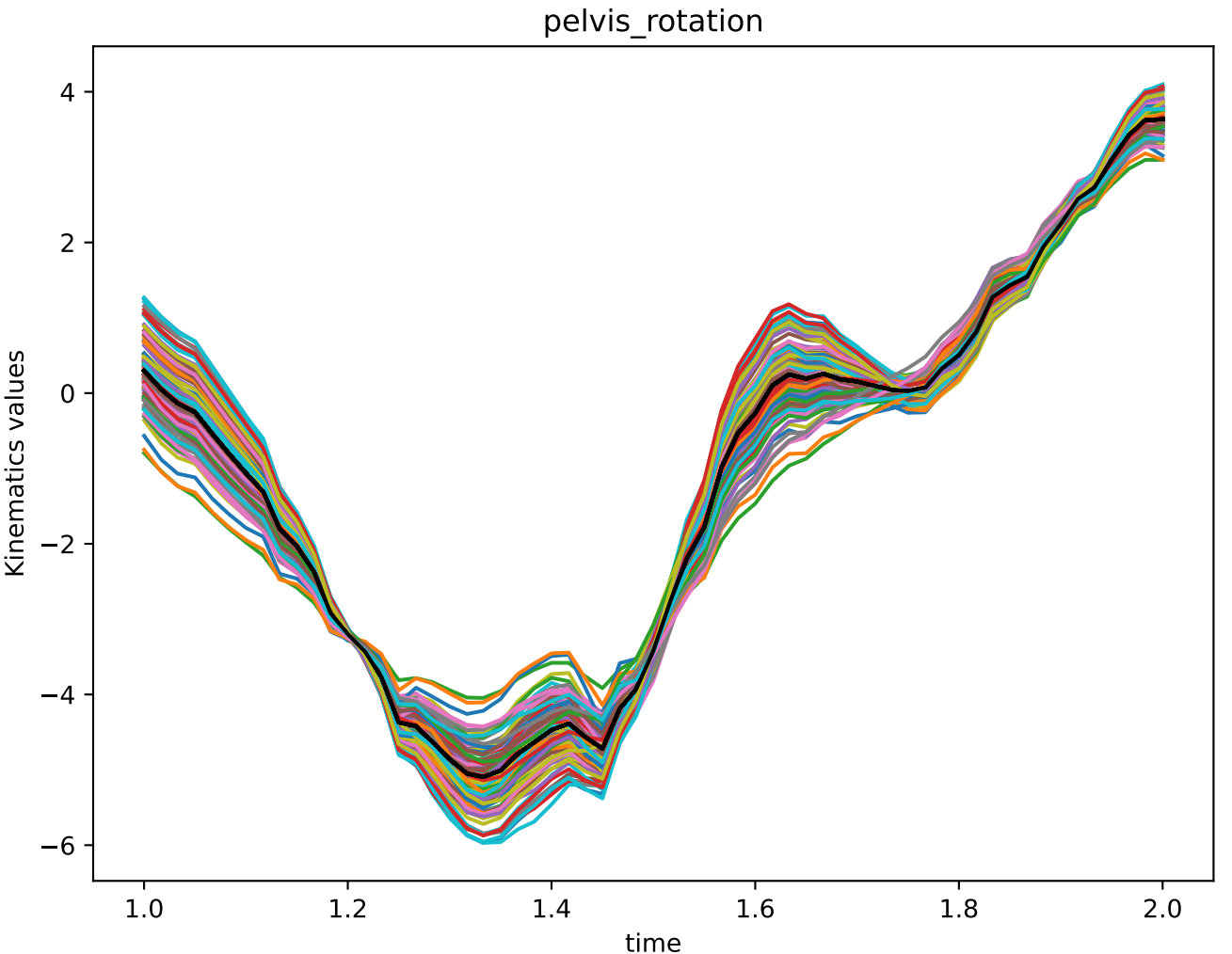
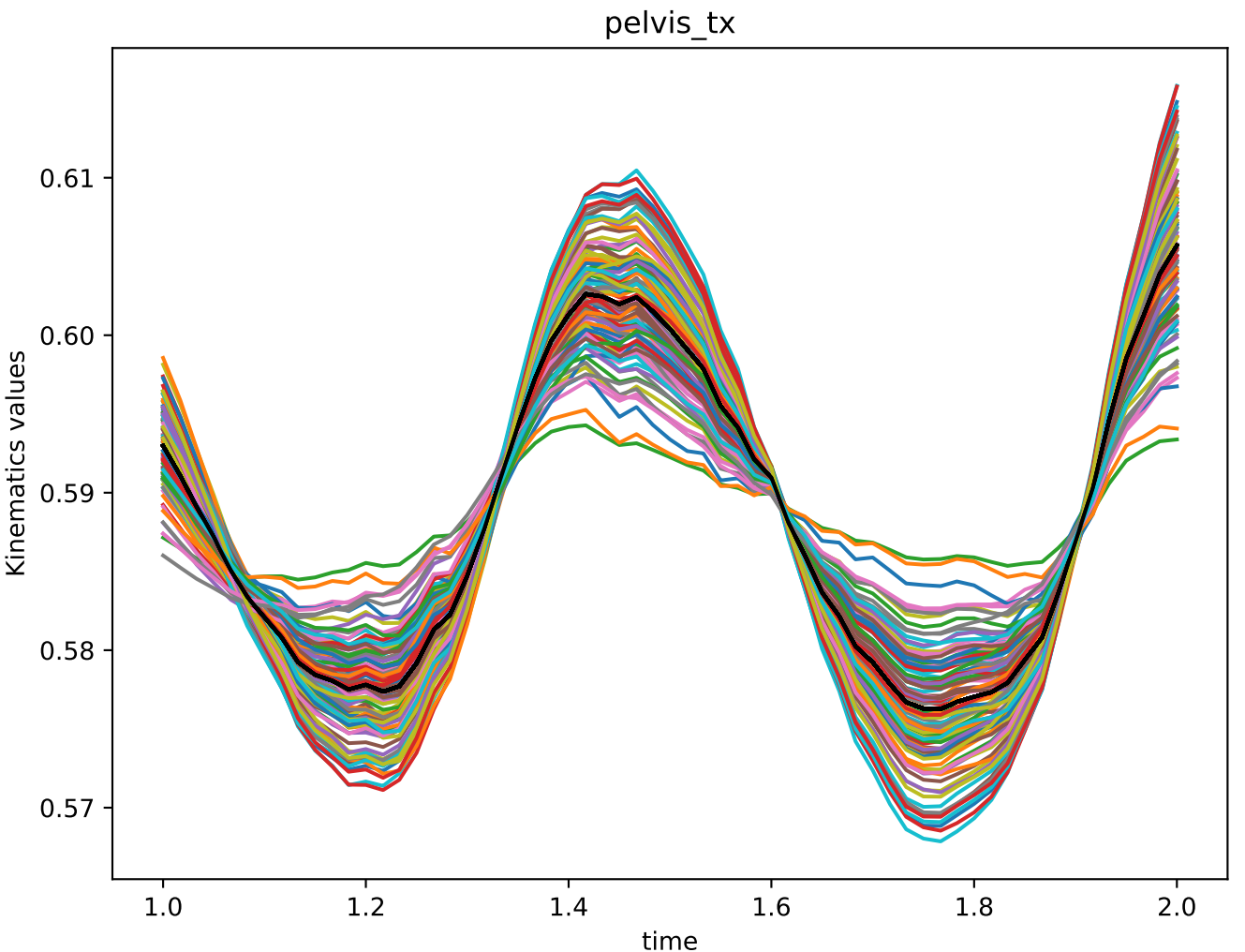
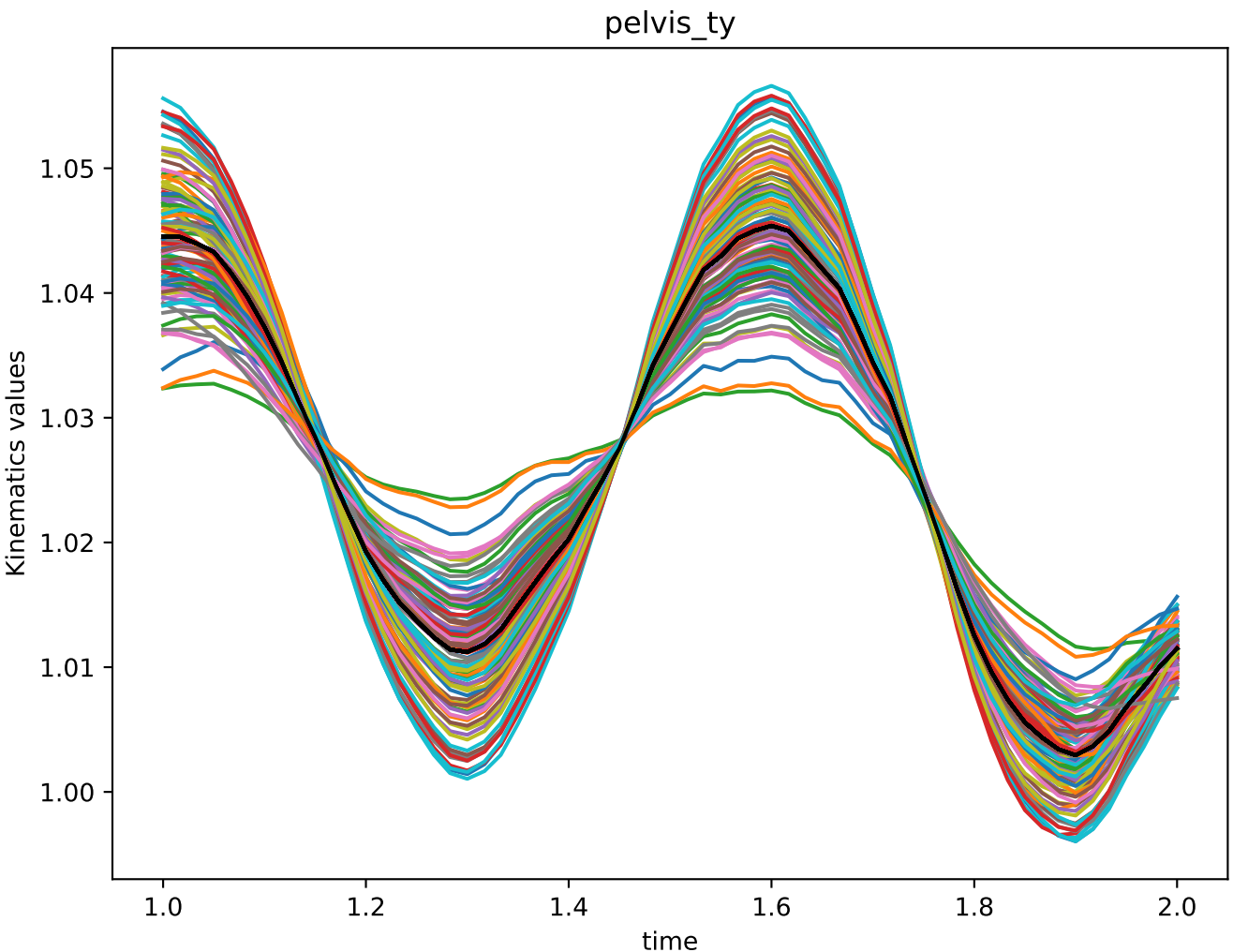
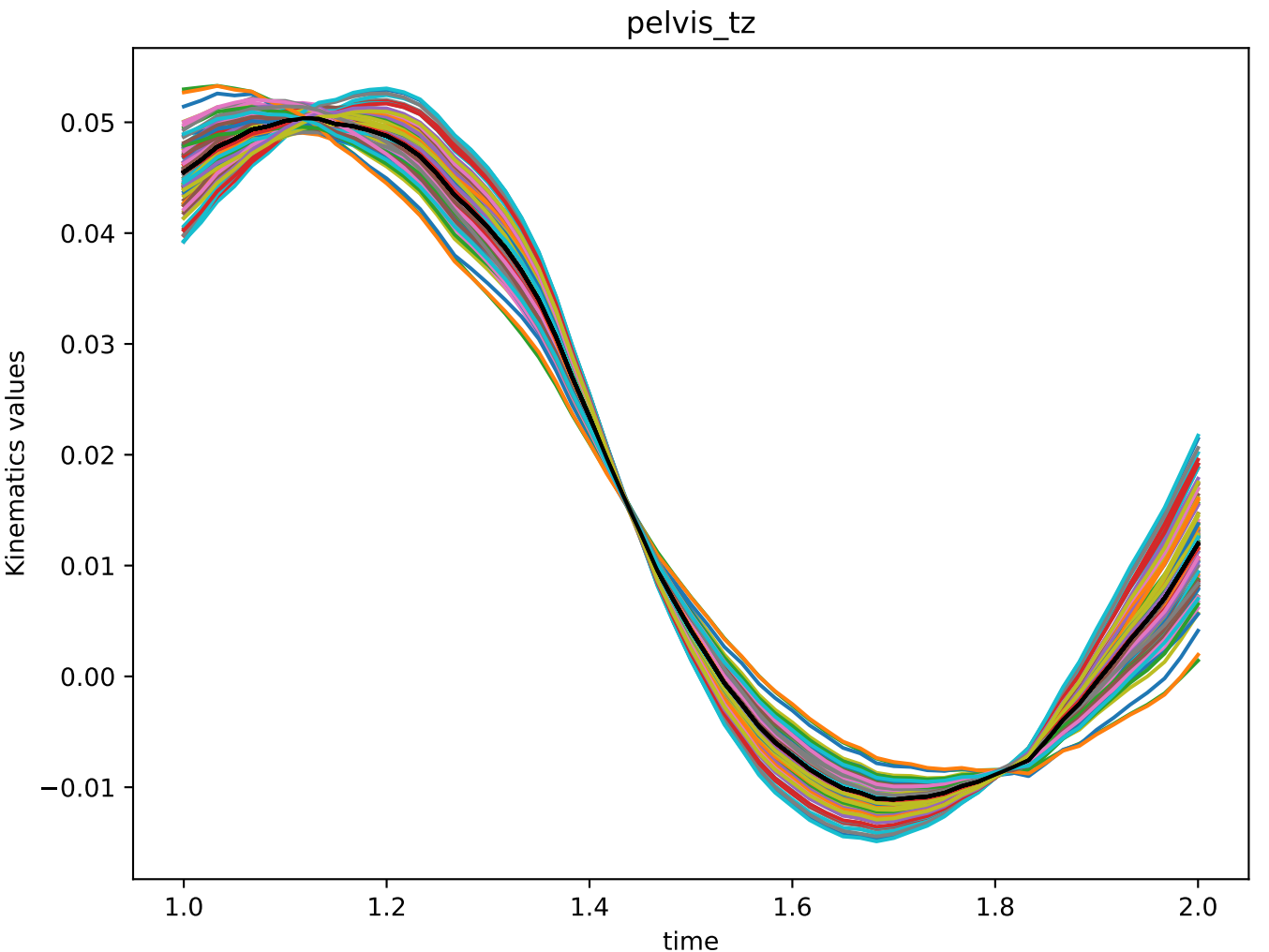

pelvis_tilt
Kinematics values
6.5
6.0
5.5
5.0
4.5
4.0
1.0
1.2
1.4
1.6
1.8
2.0
time

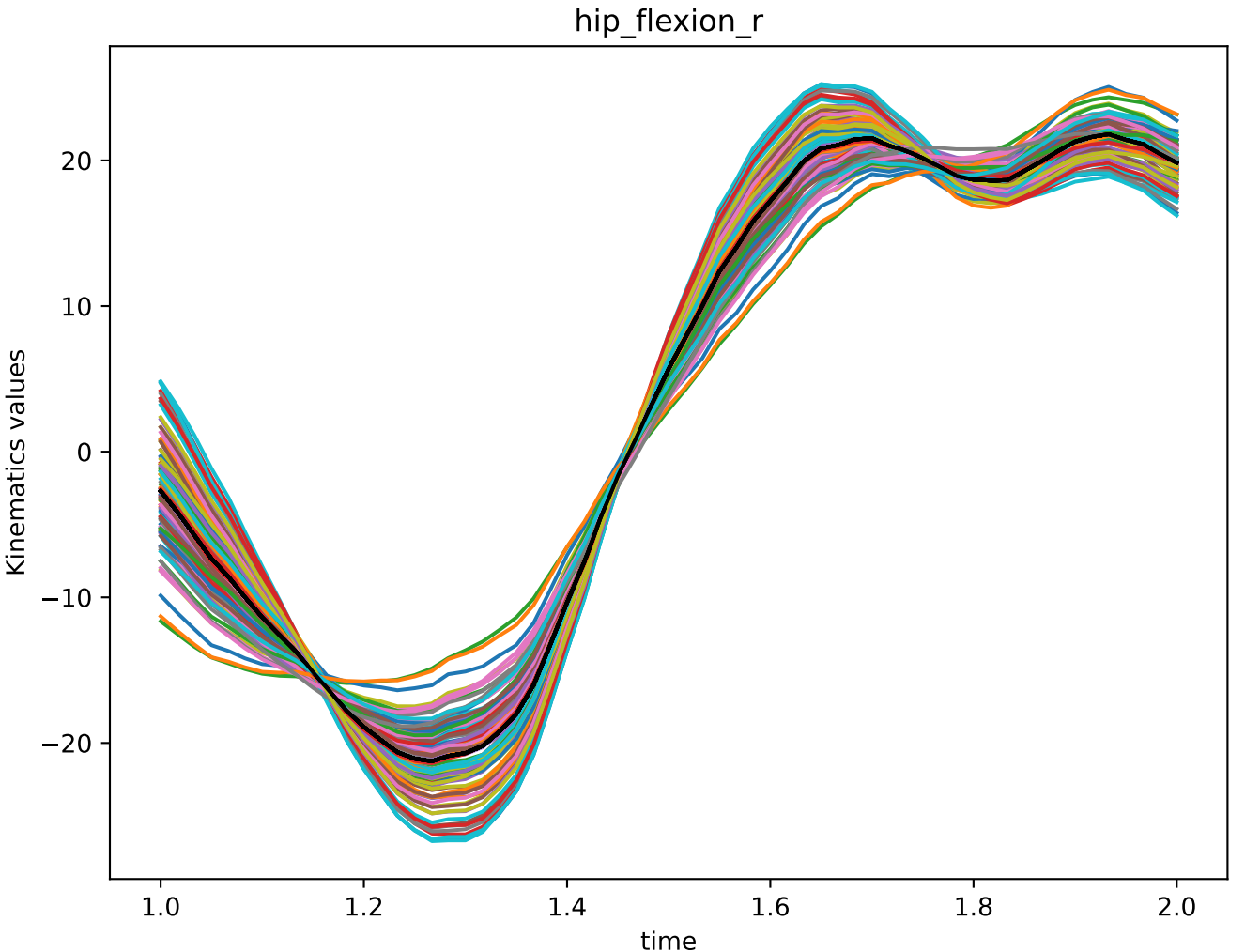

pelvis_list
Kinematics values
2
0
−2
−4
−6
1.0
1.2
1.4
1.6
1.8
2.0
time

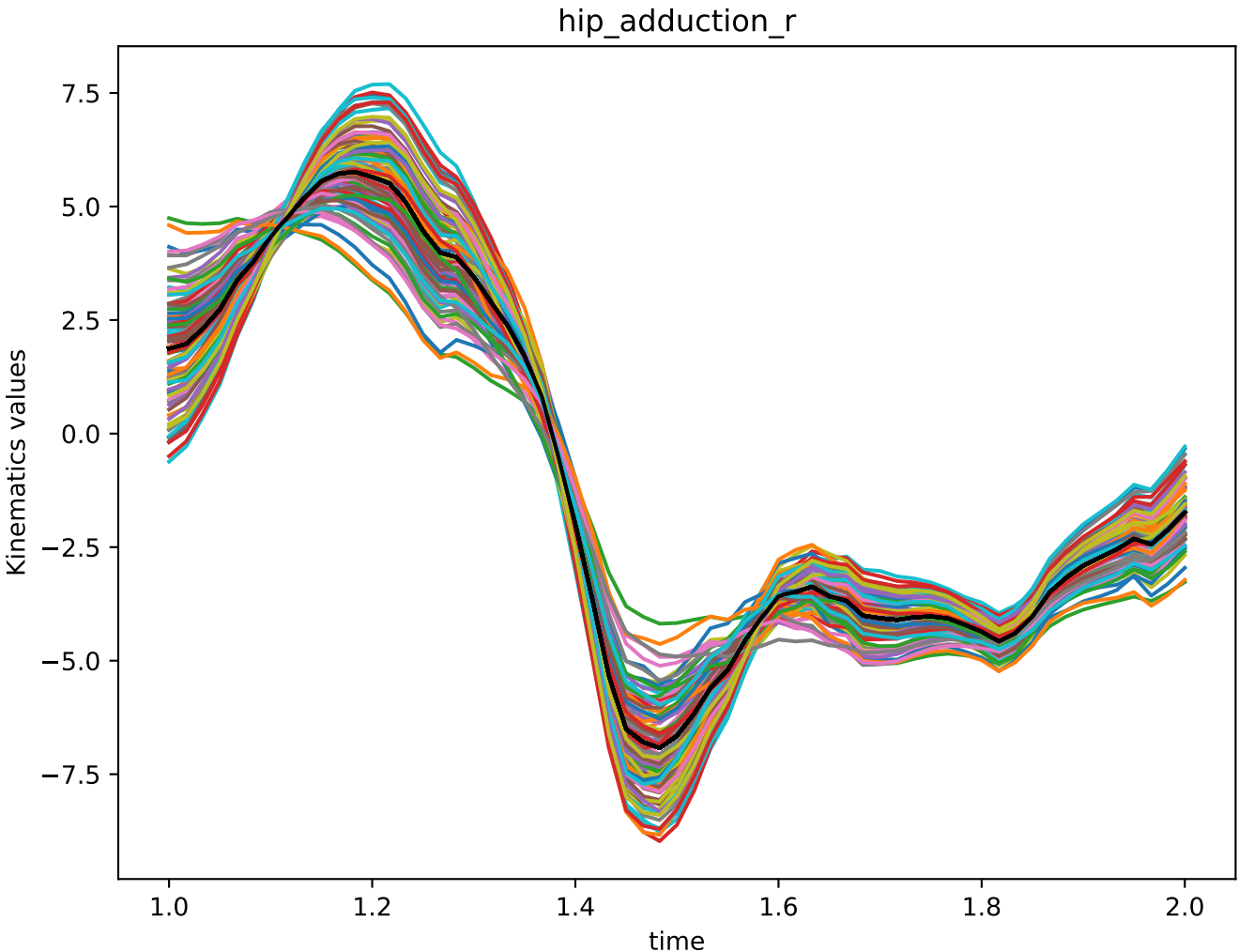

pelvis_rotation
Kinematics values
time
4
2
0
−2
−4
−6
1.0
1.2
1.4
1.6
1.8
2.0

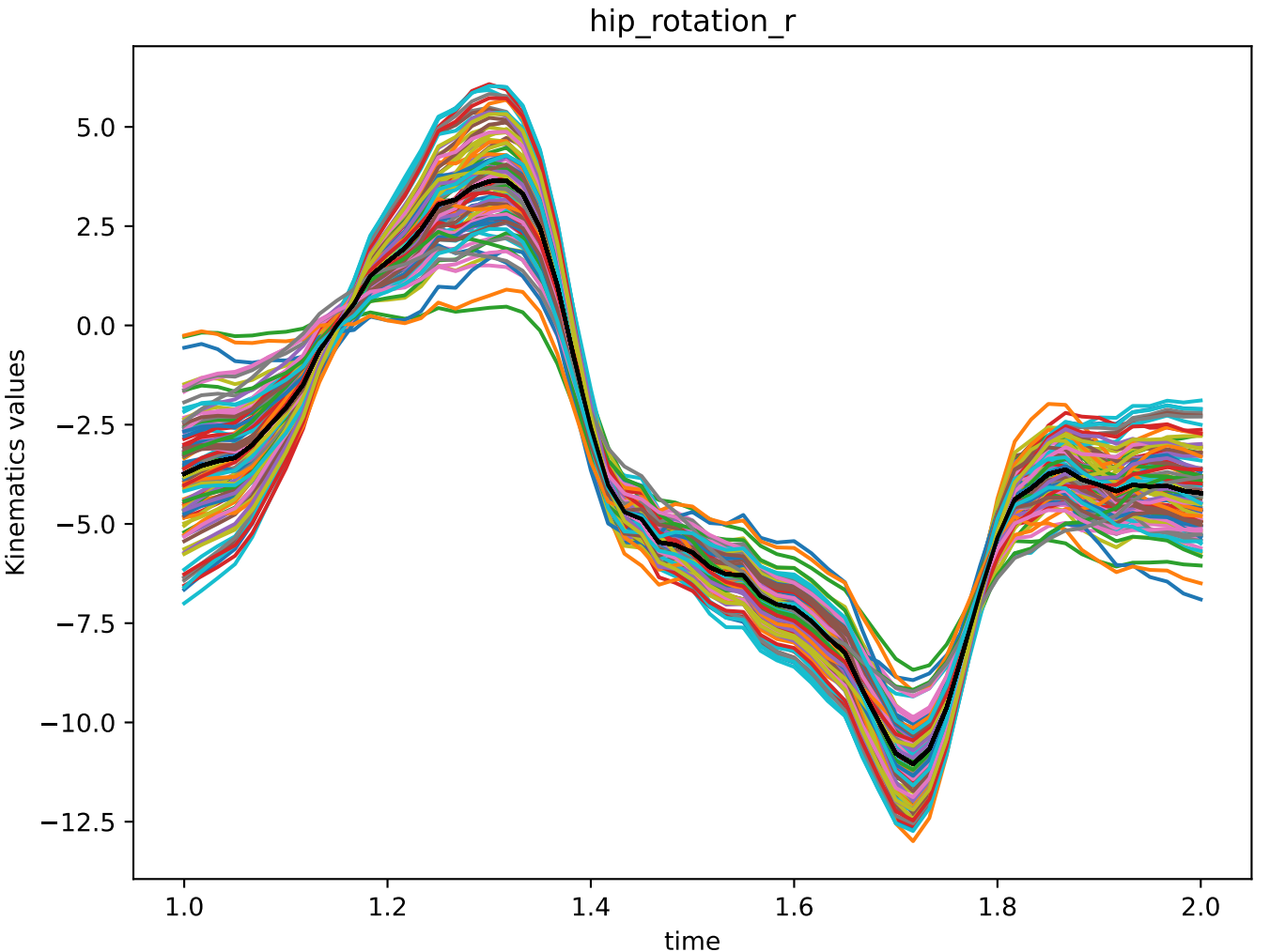

pelvis_tx
Kinematics values
0.61
0.60
0.59
0.58
0.57
1.0
1.2
1.4
1.6
1.8
2.0
time

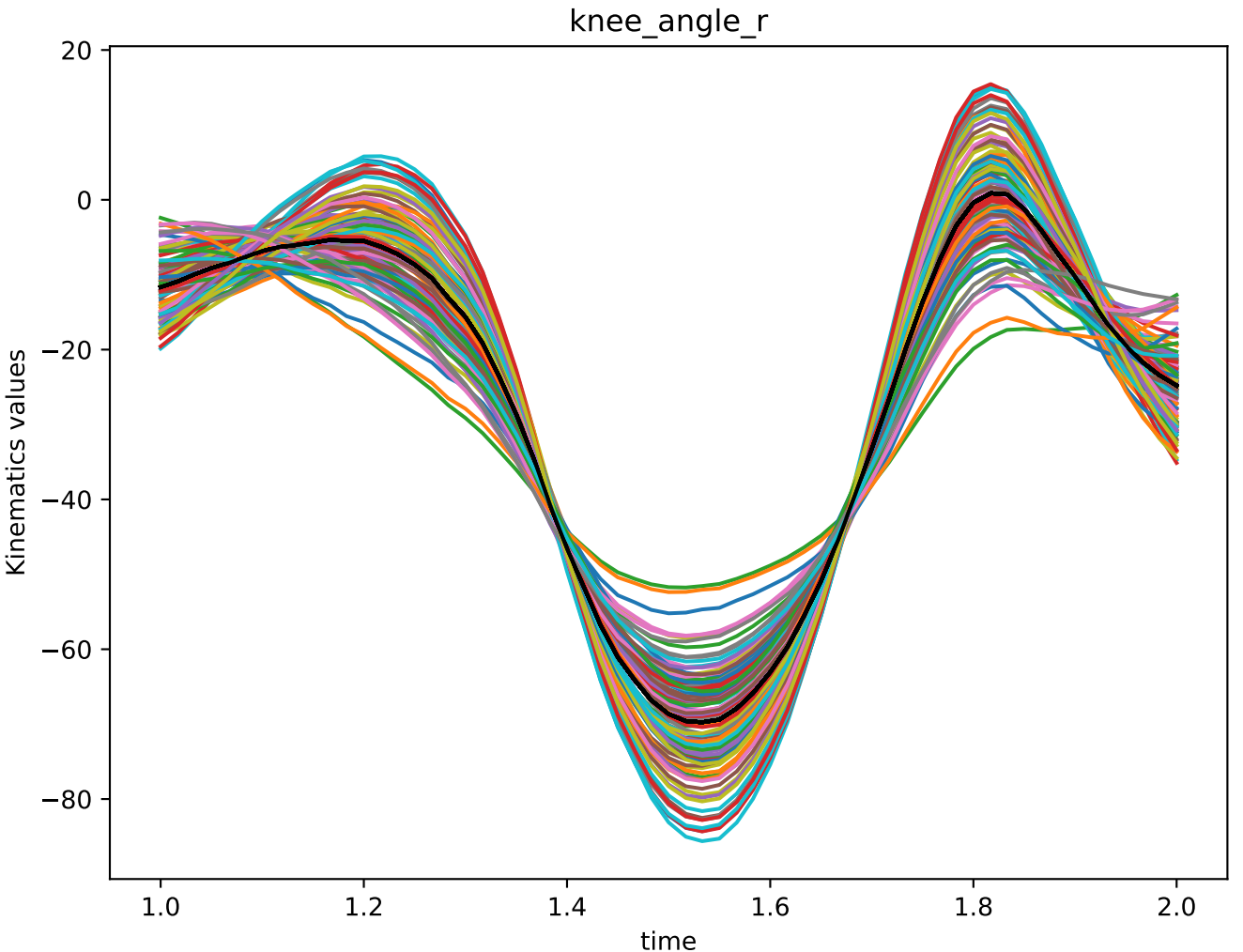

pelvis_ty
Kinematics values
1.05
1.04
1.03
1.02
1.01
1.00
1.0
1.2
1.4
1.6
1.8
2.0
time

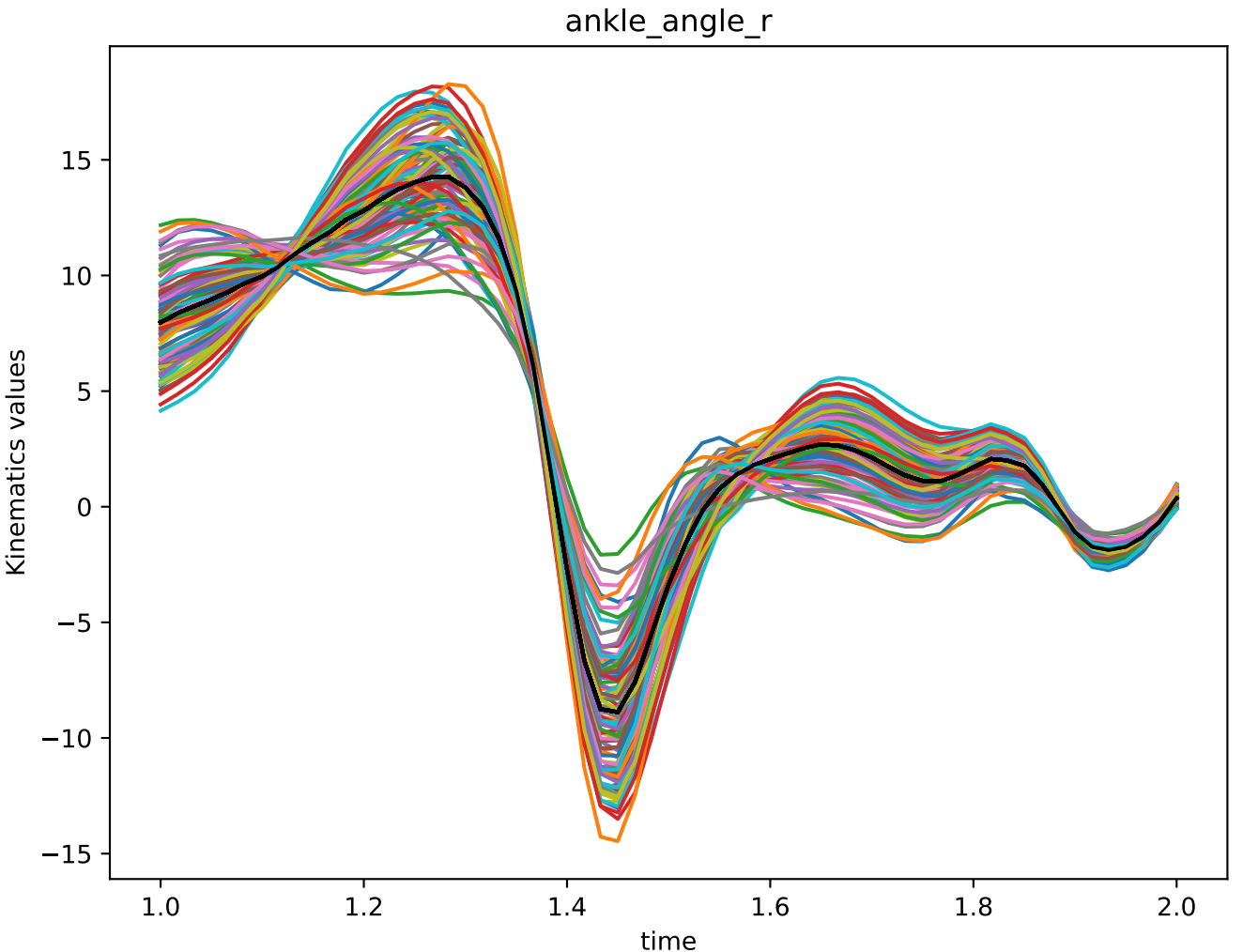

pelvis_tz
Kinematics values
0.05
0.04
0.03
0.02
0.01
0.00
−0.01
1.0
1.2
1.4
1.6
1.8
2.0
time

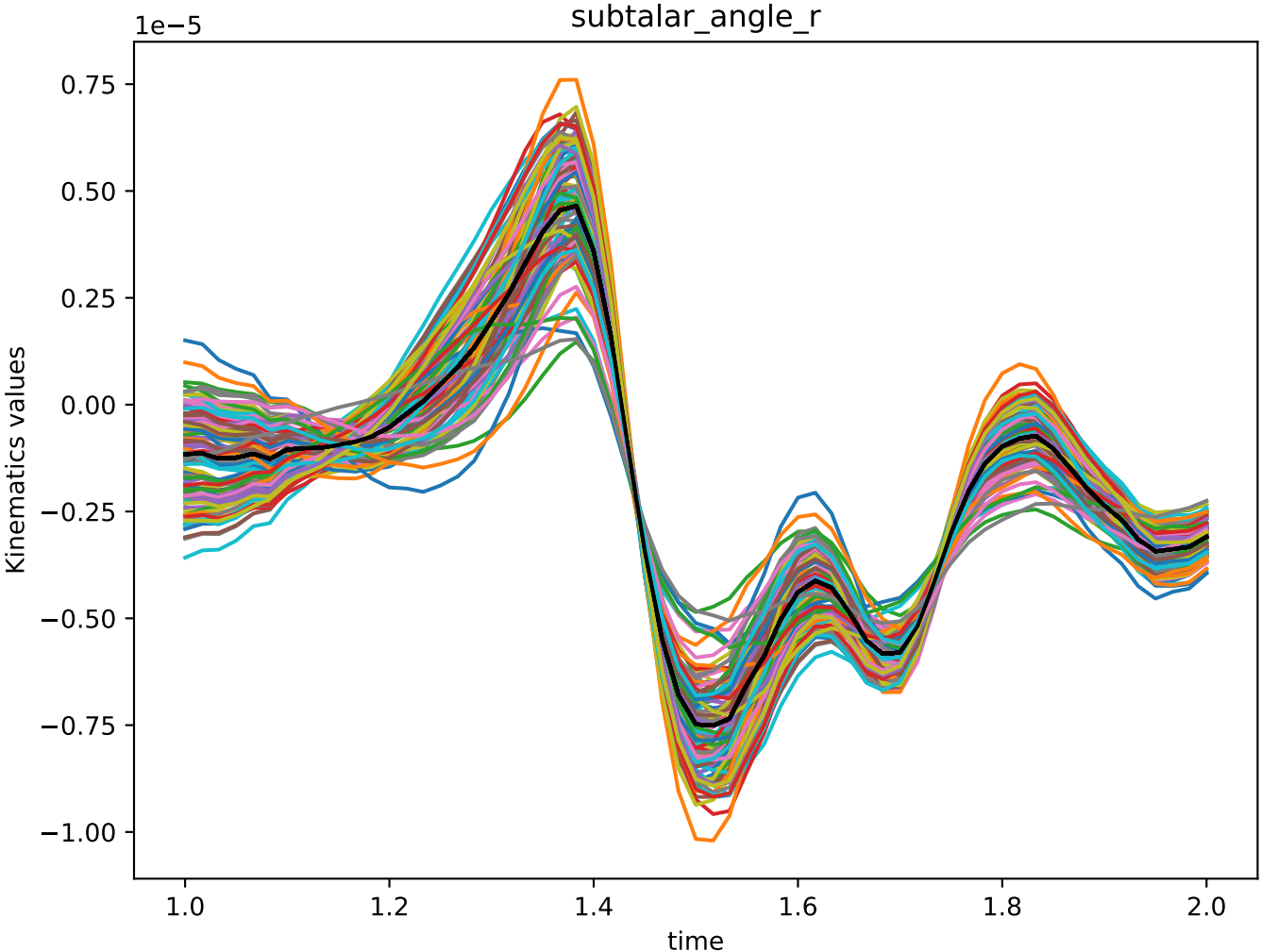

hip_flexion_r
Kinematics values
20
10
0
−10
−20
1.0
1.2
1.4
1.6
1.8
2.0
time

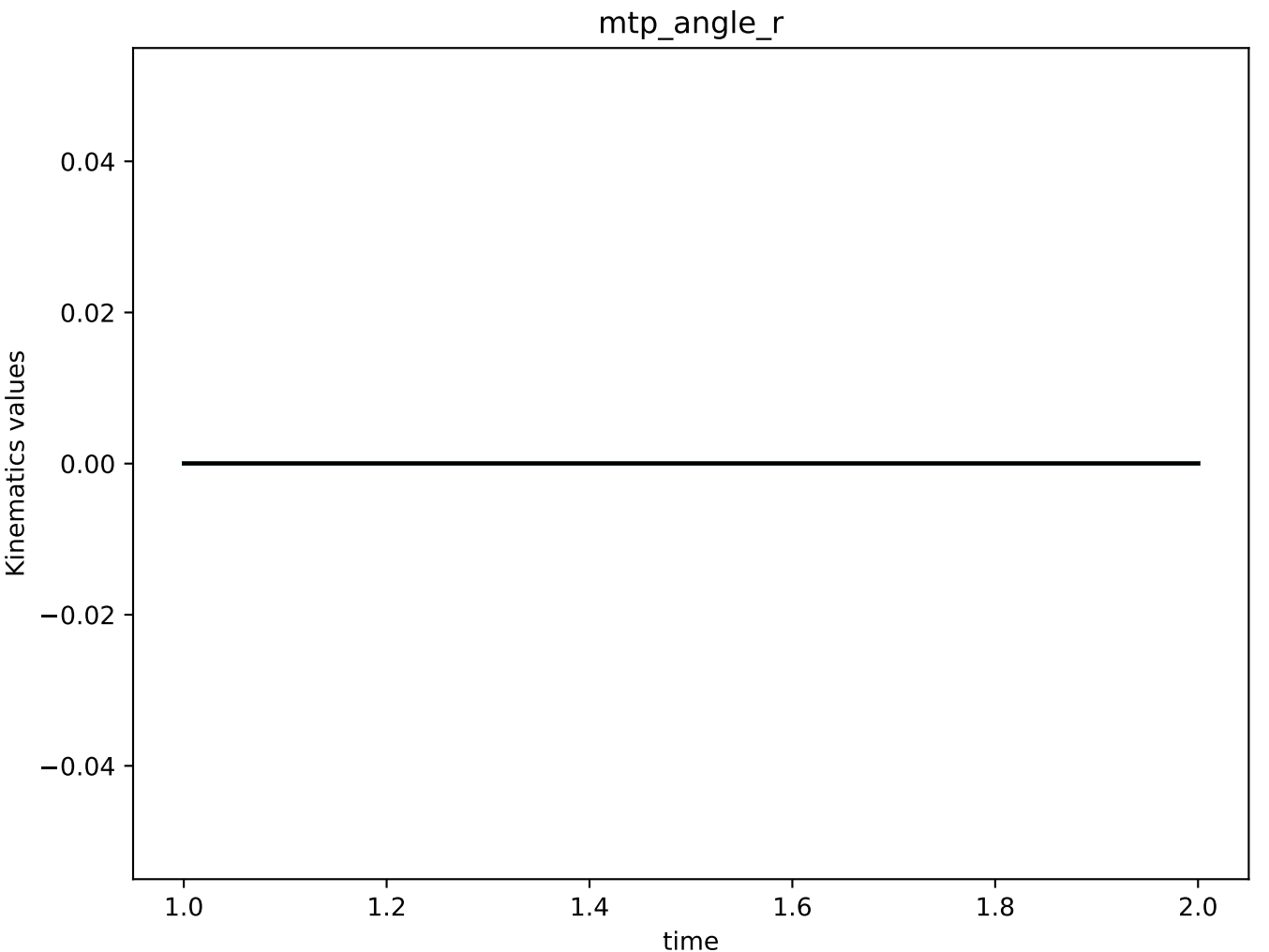

hip_adduction_r
Kinematics values
time
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
1.0
1.2
1.4
1.6
1.8
2.0

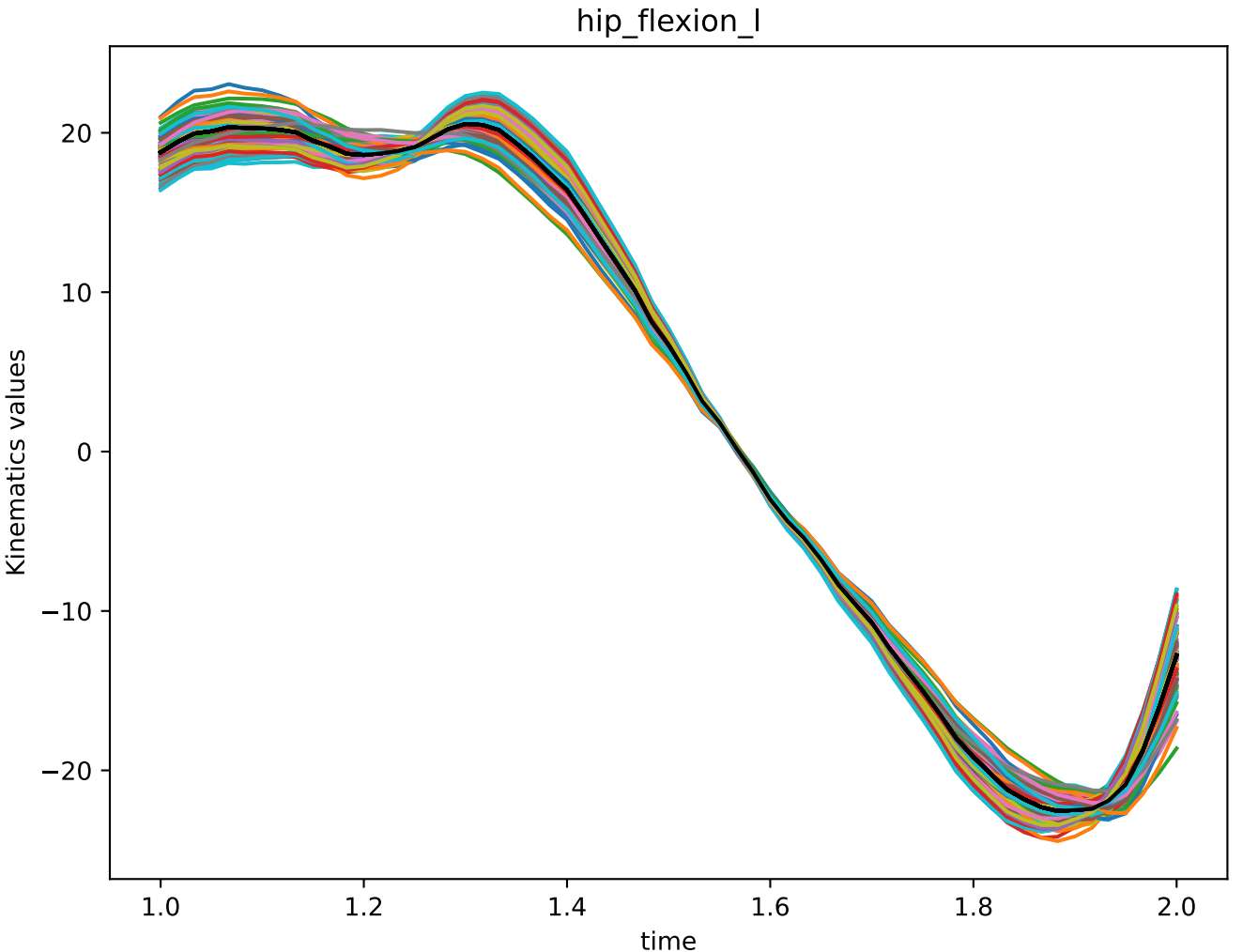

hip_rotation_r
Kinematics values
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−12.5
1.0
1.2
1.4
1.6
1.8
2.0
time

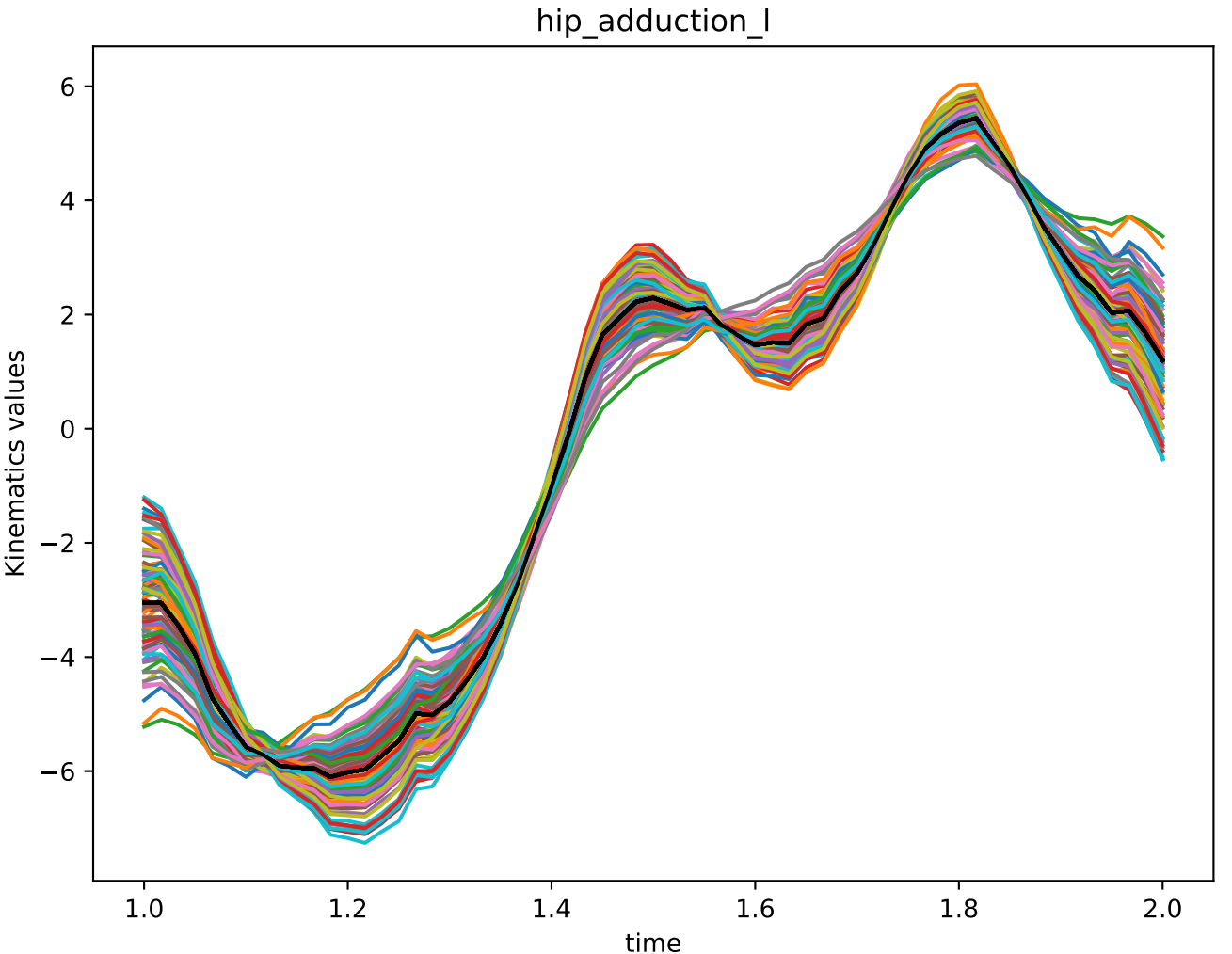

knee_angle_r
20
0
−20
−40
−60
−80
Kinematics values
1.0
1.2
1.4
1.6
1.8
2.0
time

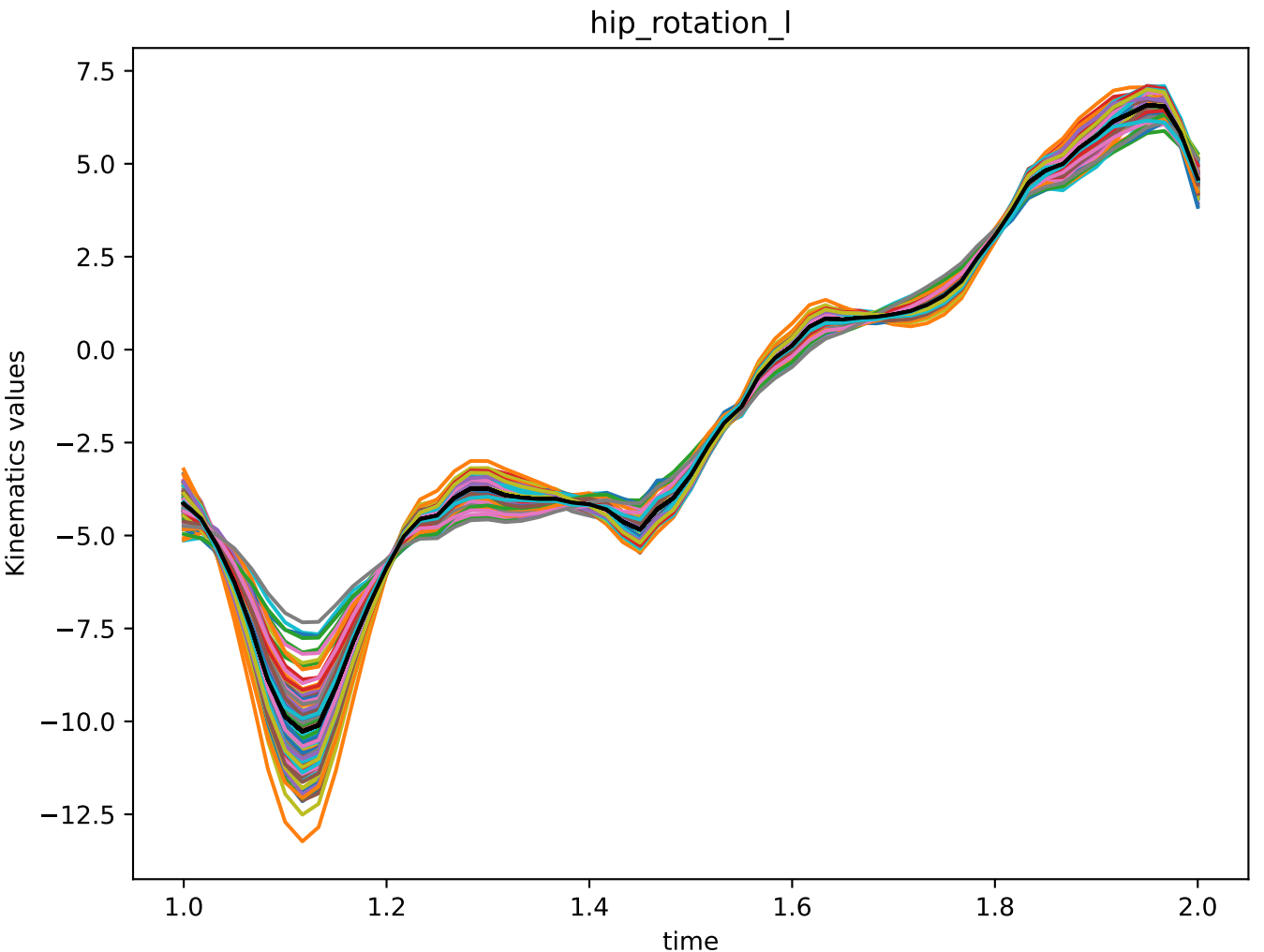

ankle_angle_r
Kinematics values
15
10
5
0
−5
−10
−15
1.0
1.2
1.4
1.6
1.8
2.0
time

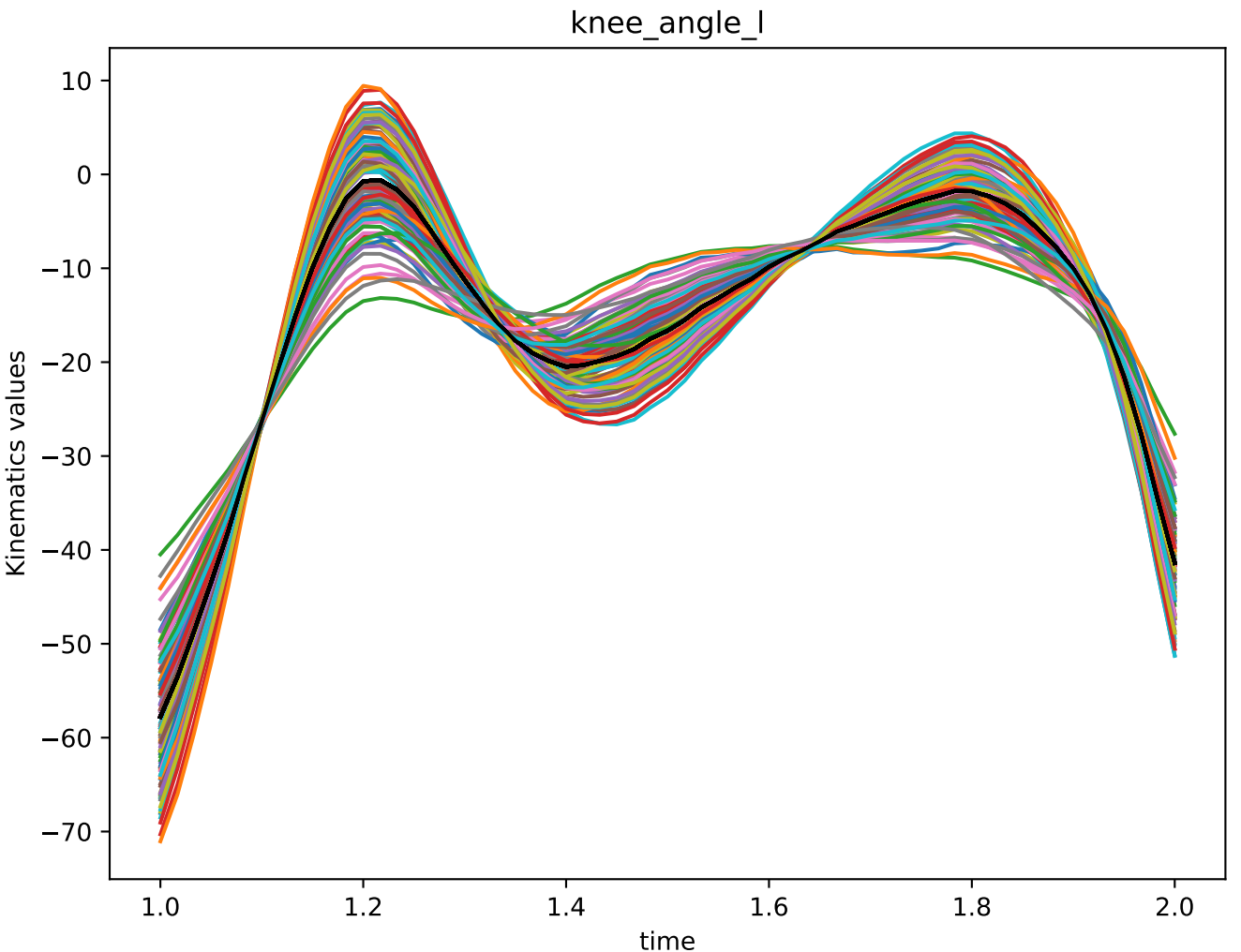

subtalar_angle_r
1e−5
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
Kinematics values
1.0
1.2
1.4
1.6
1.8
2.0
time

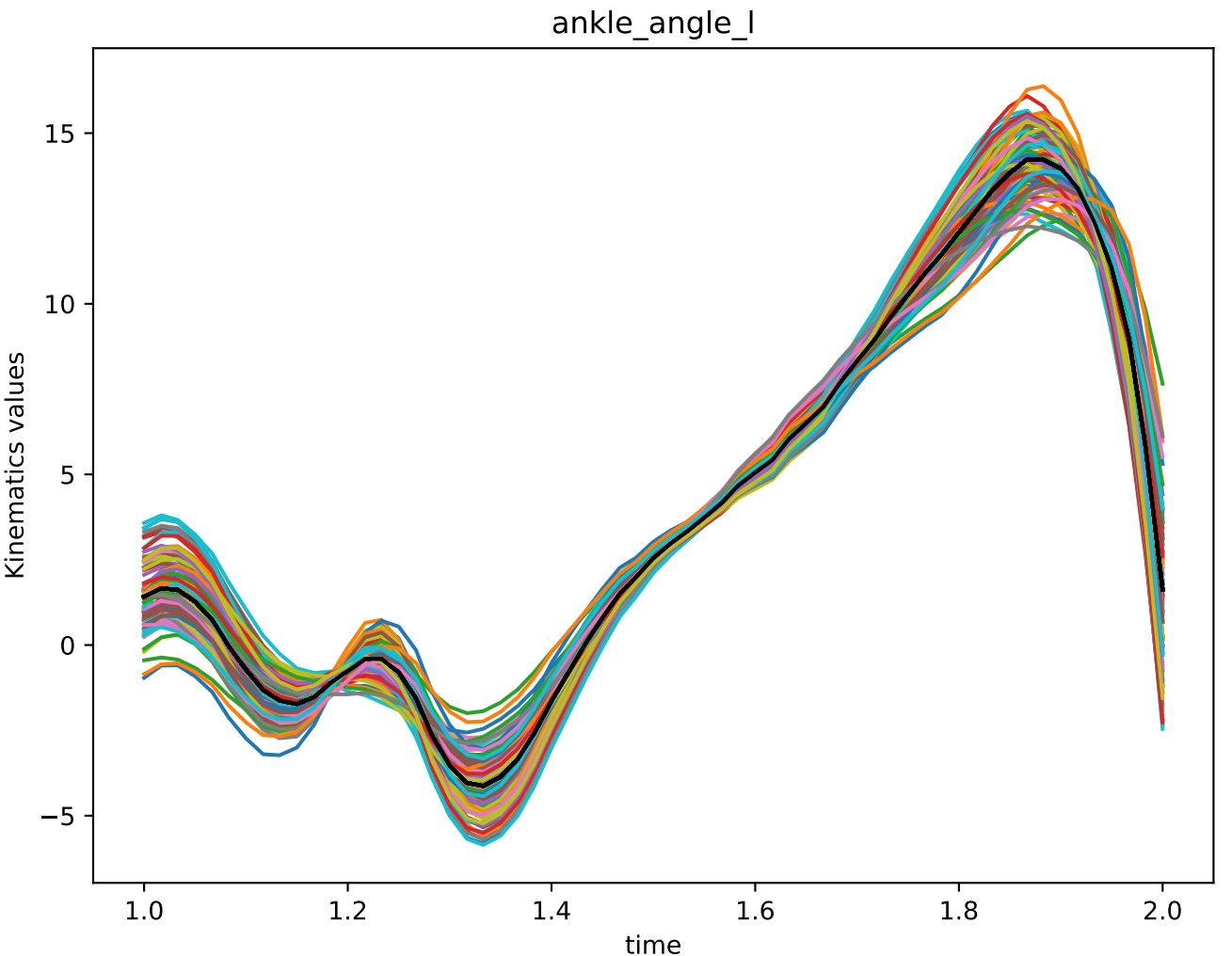

mtp_angle_r
0.04
0.02
0.00
−0.02
−0.04
Kinematics values
1.0
1.2
1.4
1.6
1.8
2.0
time

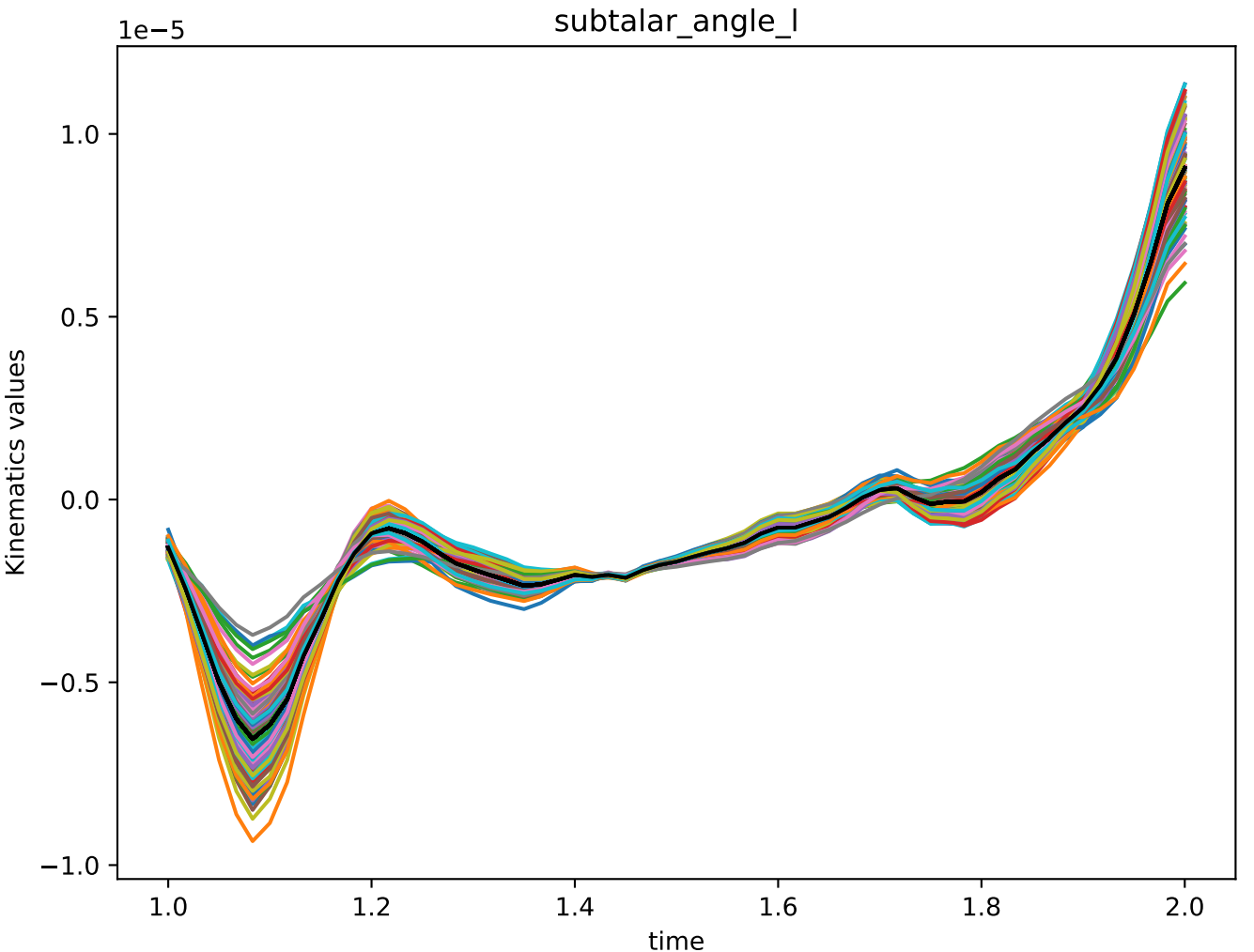

hip_flexion_l
Kinematics values
20
10
0
−10
−20
1.0
1.2
1.4
1.6
1.8
2.0
time

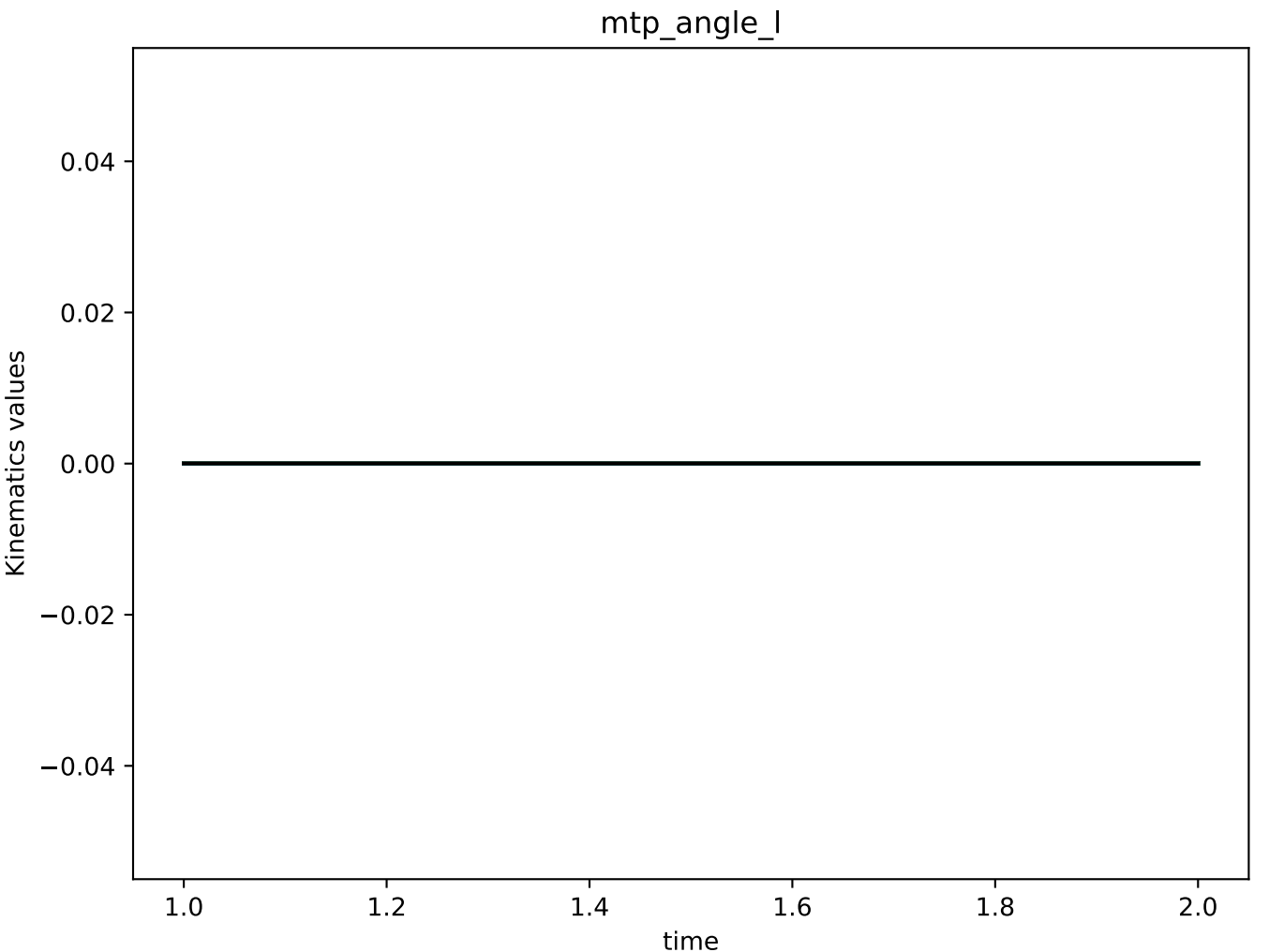

hip_adduction_l
Kinematics values
6
4
2
0
−2
−4
−6
1.0
1.2
1.4
1.6
1.8
2.0
time

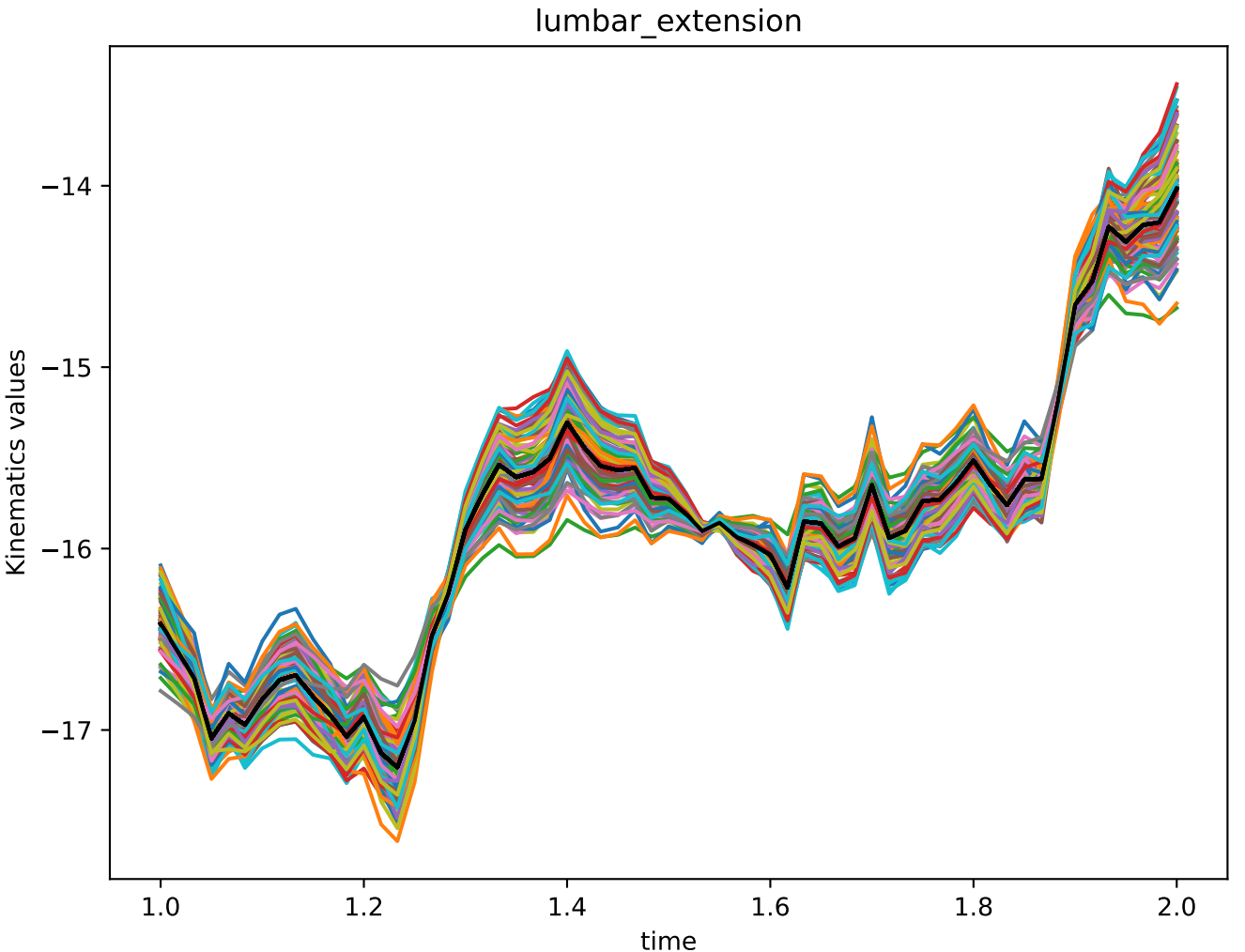

hip_rotation_l
Kinematics values
time
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
−12.5
1.0
1.2
1.4
1.6
1.8
2.0

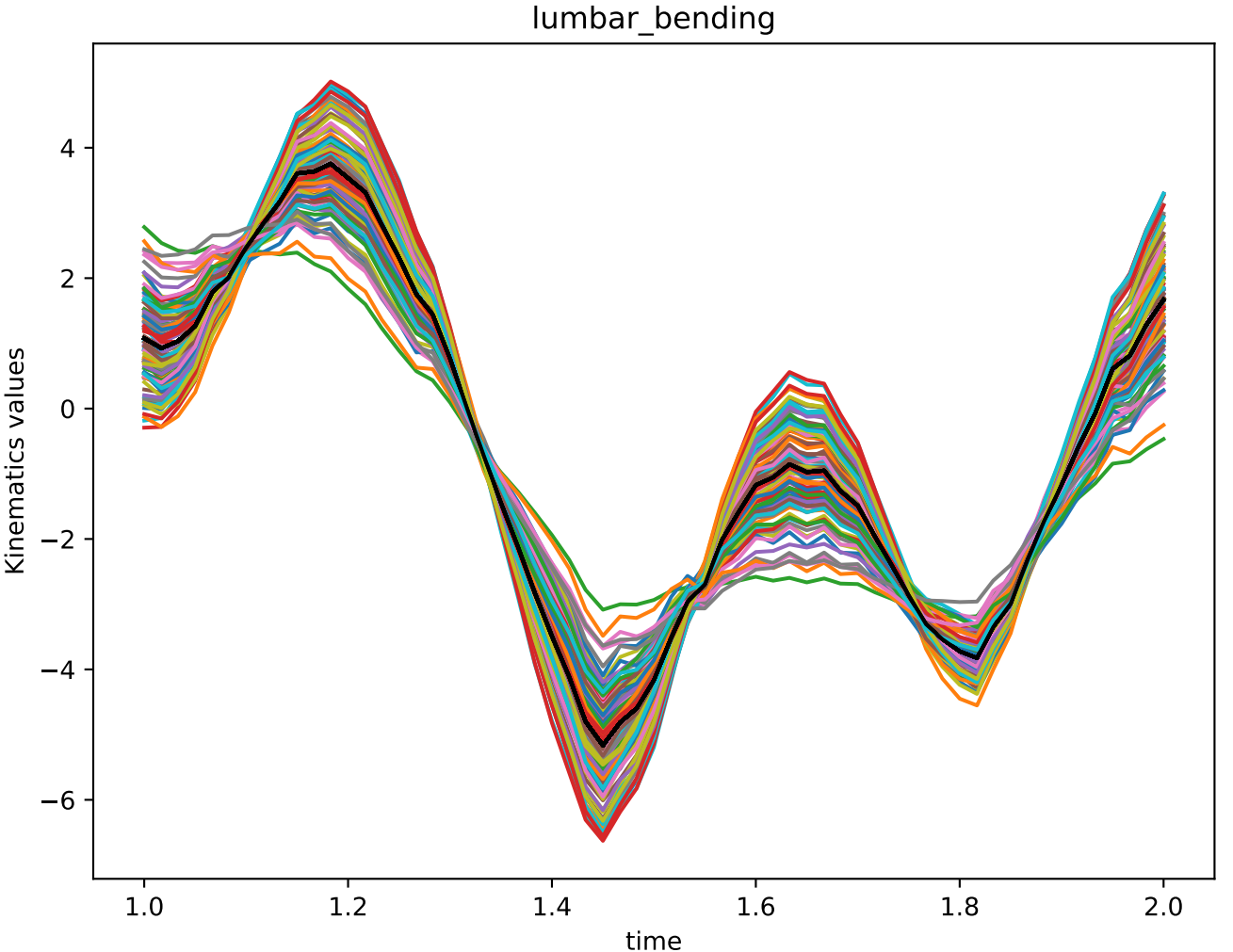

knee_angle_l
10
0
−10
−20
−30
−40
−50
−60
−70
Kinematics values
1.0
1.2
1.4
1.6
1.8
2.0
time

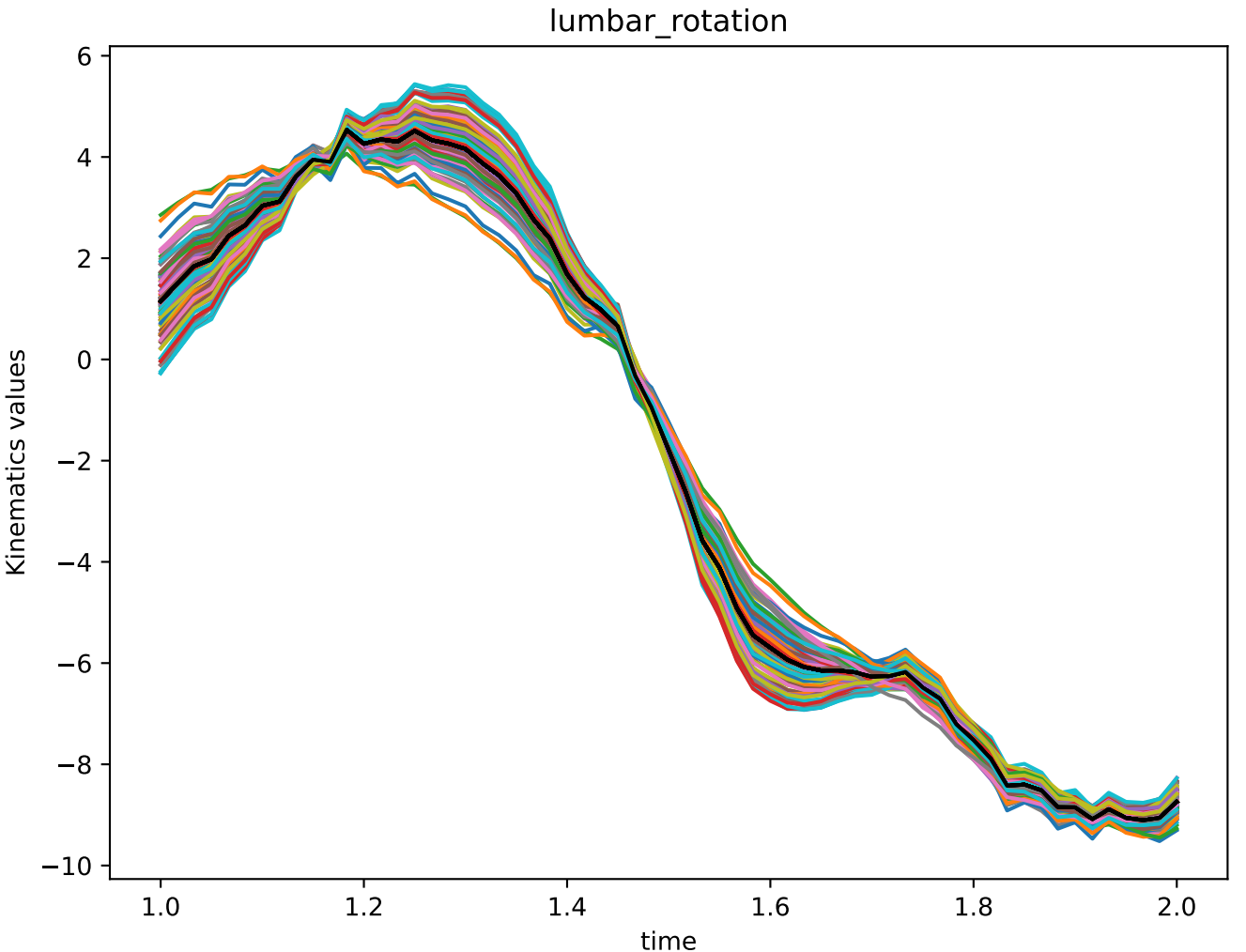

ankle_angle_l
Kinematics values
15
10
5
0
−5
1.0
1.2
1.4
1.6
1.8
2.0
time


subtalar_angle_l
1e−5
1.0
0.5
0.0
−0.5
−1.0
Kinematics values
1.0
1.2
1.4
1.6
1.8
2.0
time


mtp_angle_l
0.04
0.02
0.00
−0.02
−0.04
Kinematics values
1.0
1.2
1.4
1.6
1.8
2.0
time


lumbar_extension
Kinematics values
−14
−15
−16
−17
1.0
1.2
1.4
1.6
1.8
2.0
time


lumbar_bending
Kinematics values
4
2
0
−2
−4
−6
1.0
1.2
1.4
1.6
1.8
2.0
time


lumbar_rotation
Kinematics values
time
6
4
2
0
−2
−4
−6
−8
−10
1.0
1.2
1.4
1.6
1.8
2.0