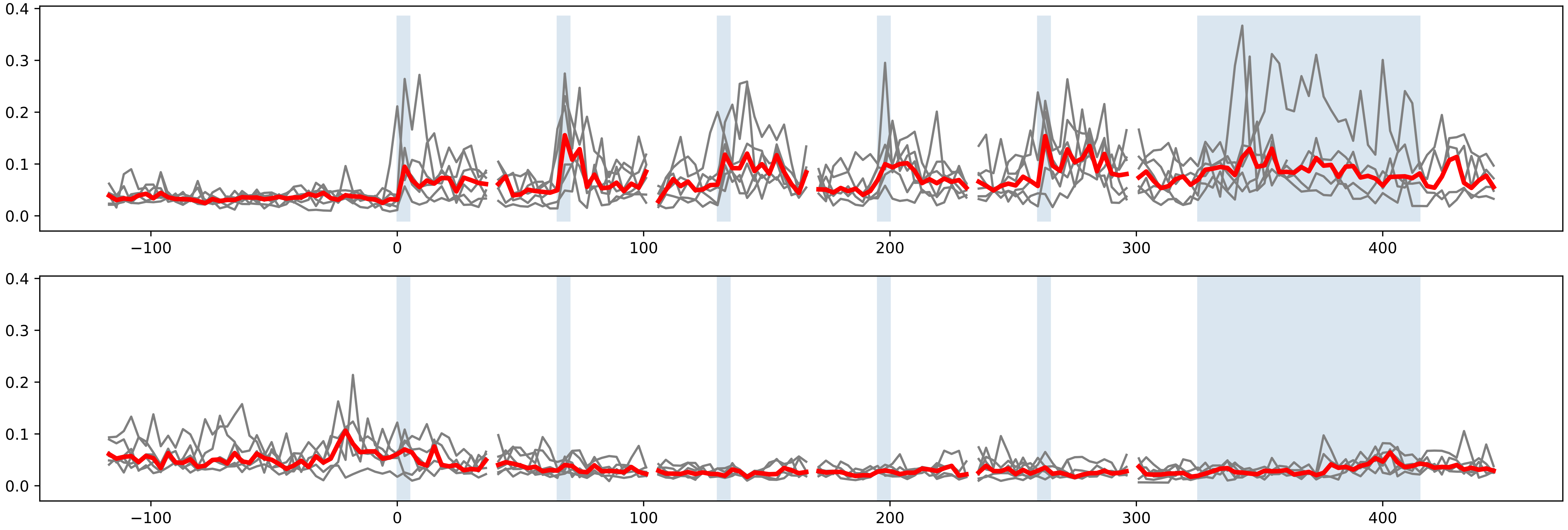
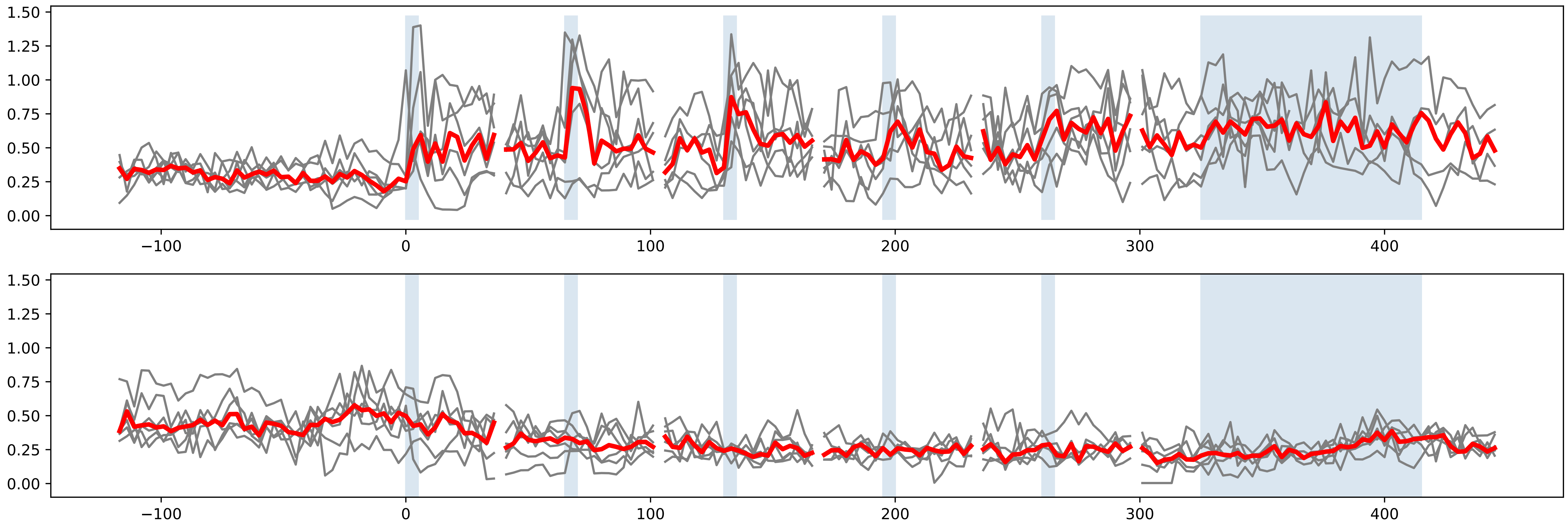
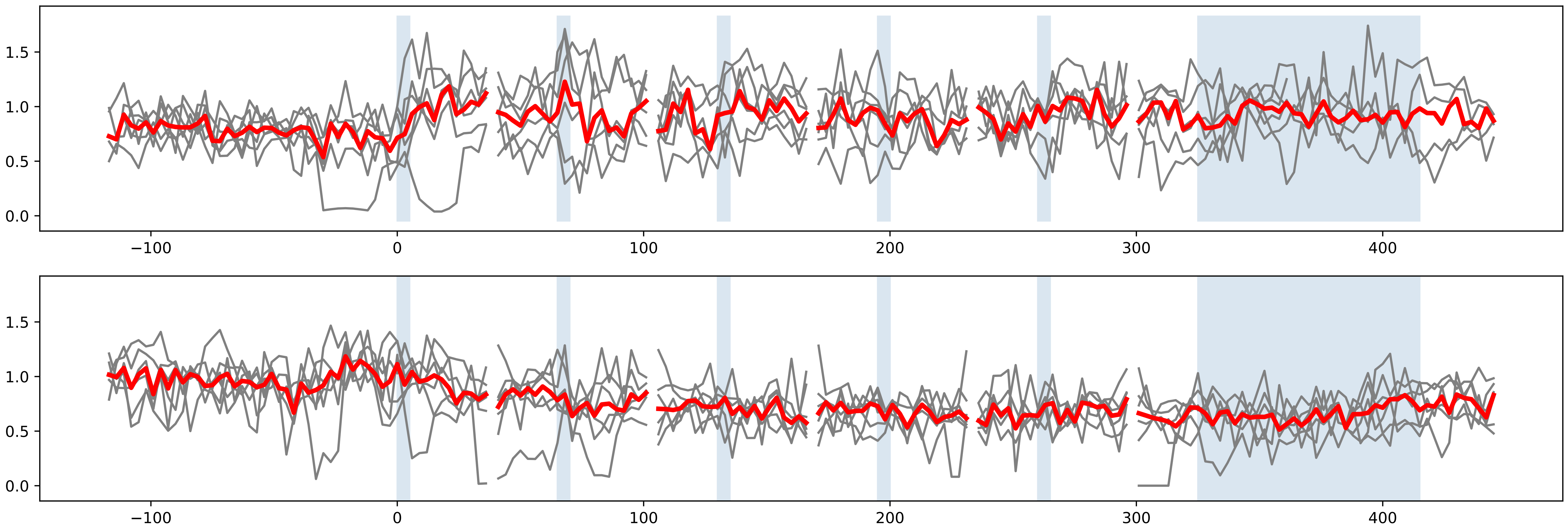
angular_velocity



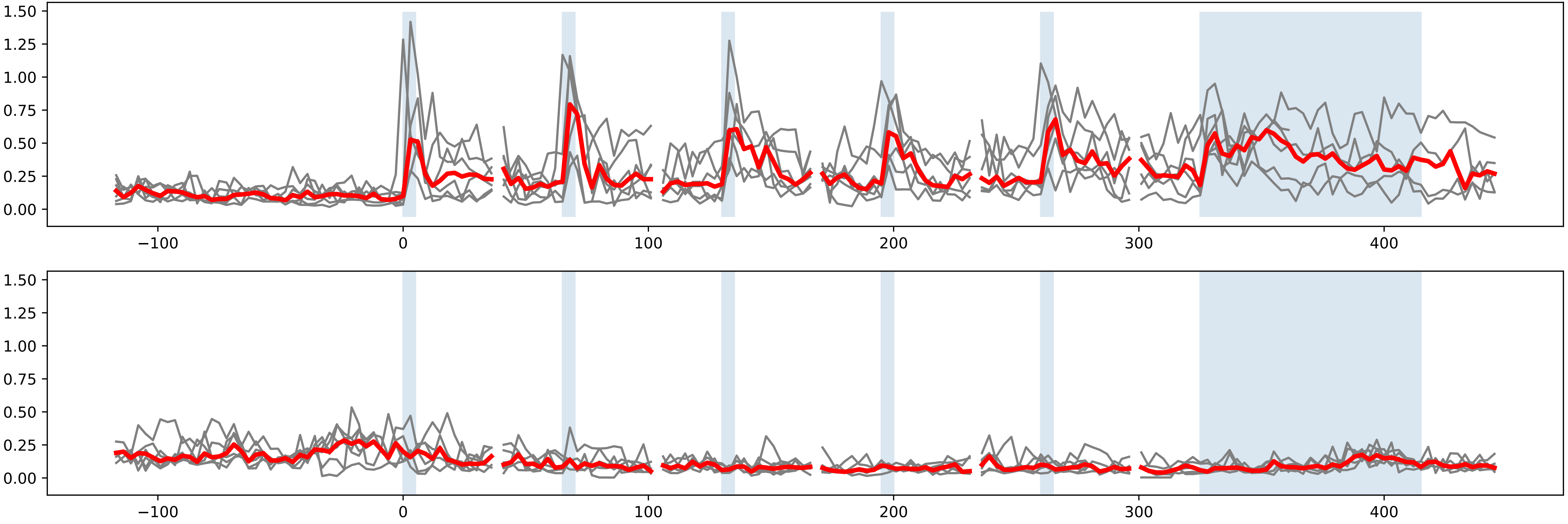
angular_velocity_head_base



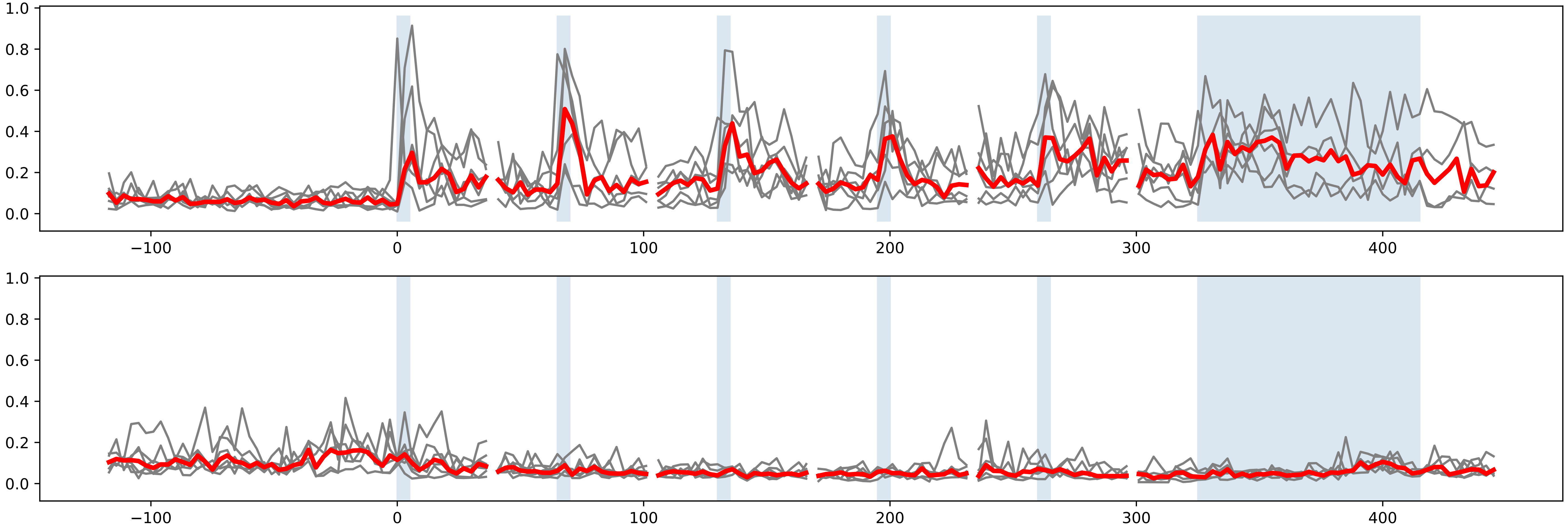
angular_velocity_head_tip



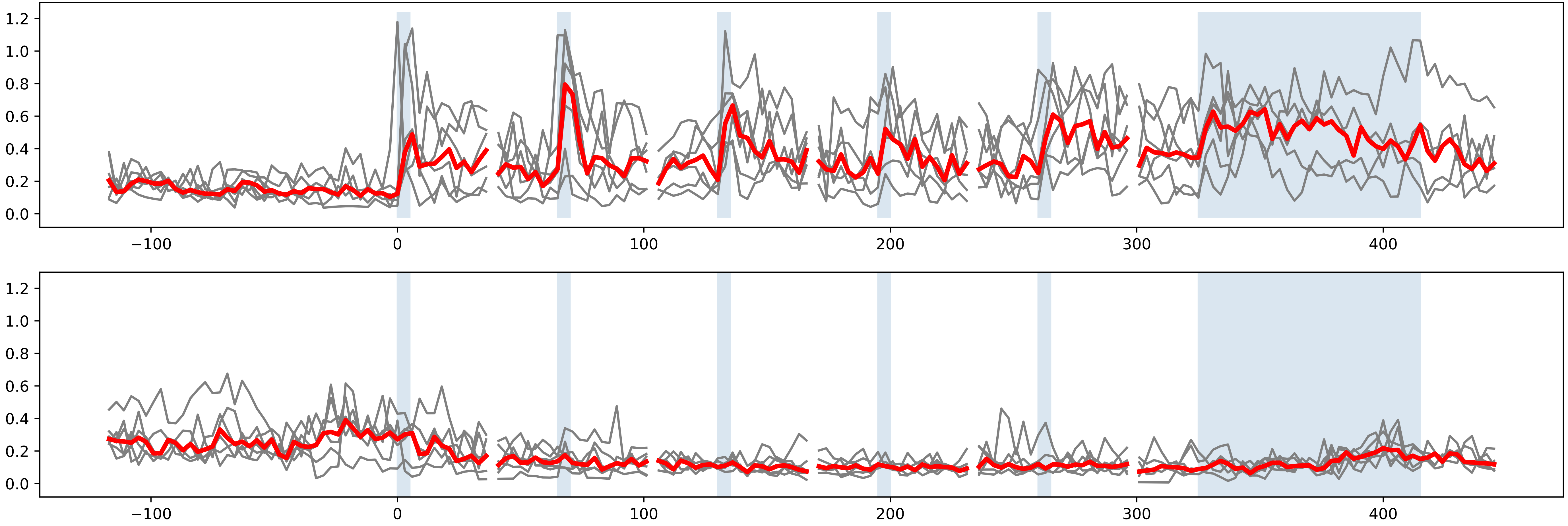
angular_velocity_hips



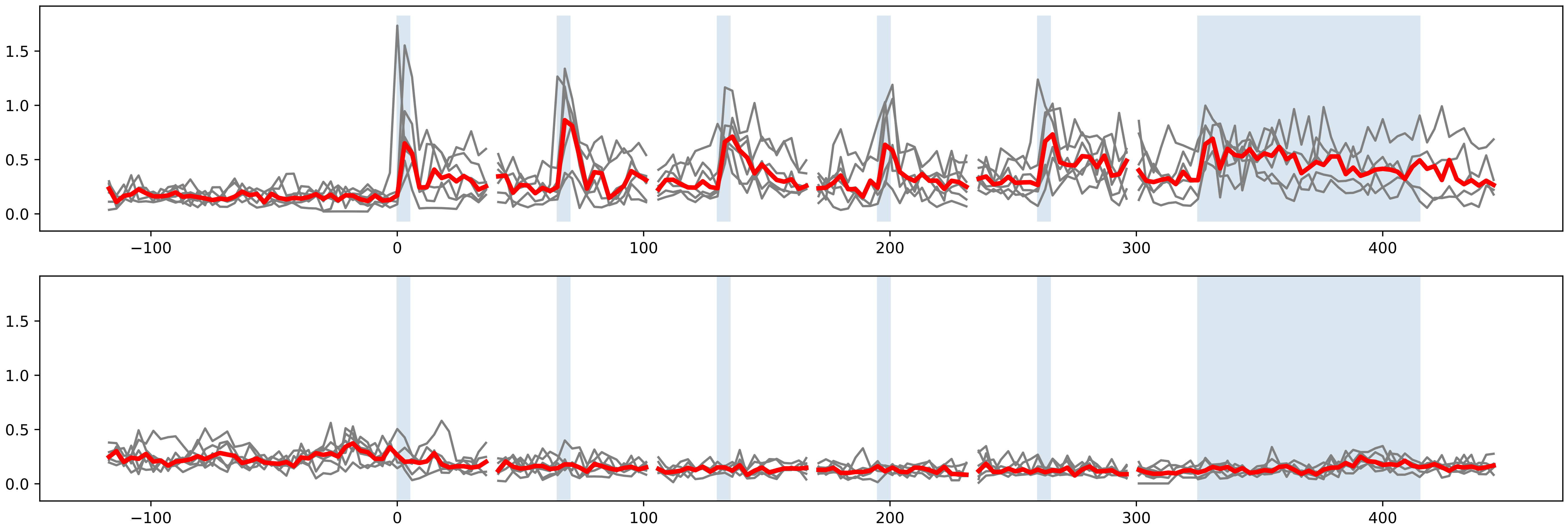
angular_velocity_midbody



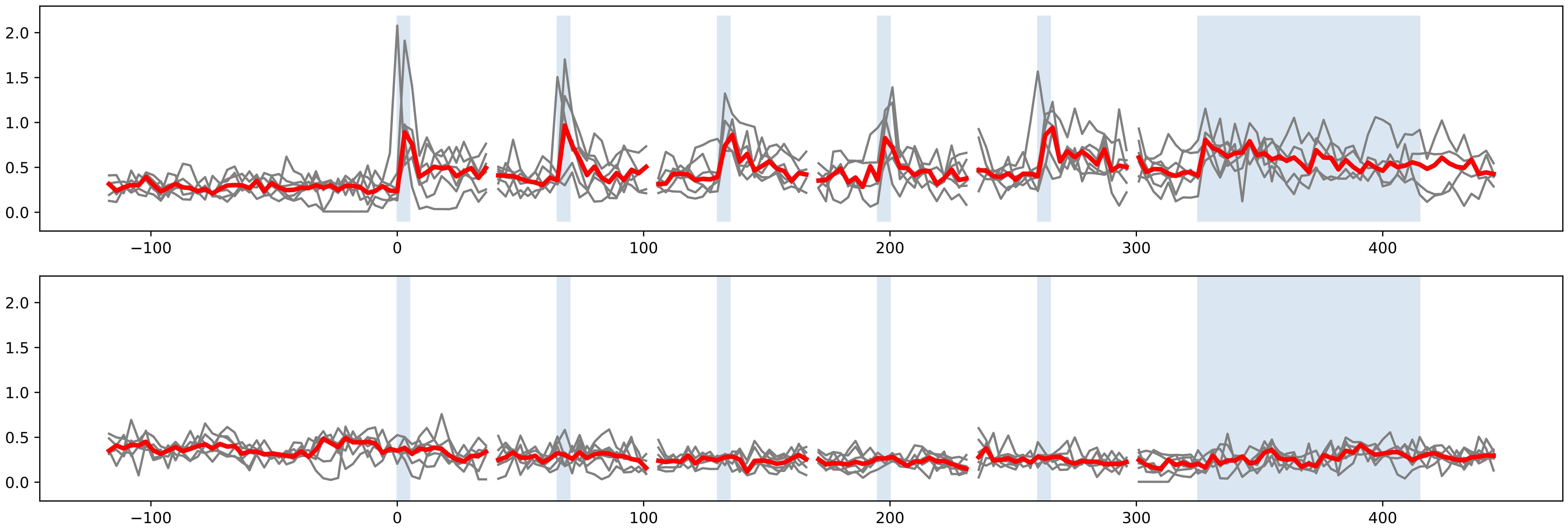
angular_velocity_neck

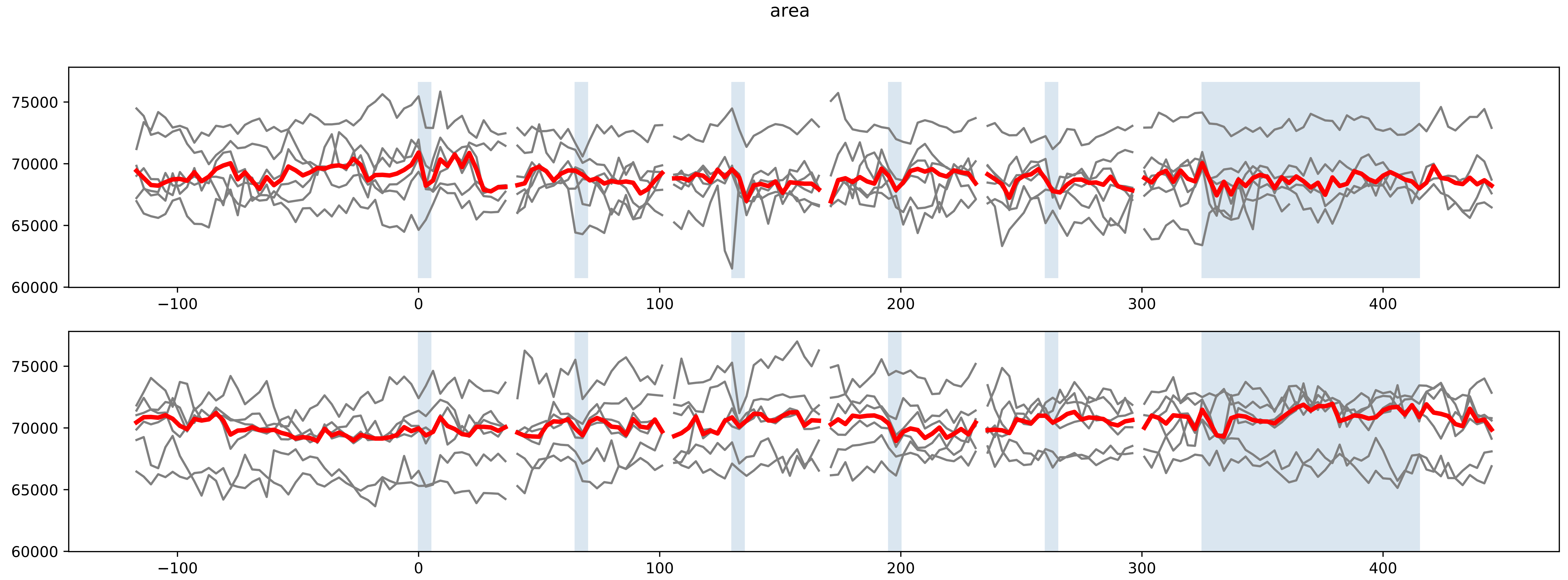


angular_velocity_tail_base

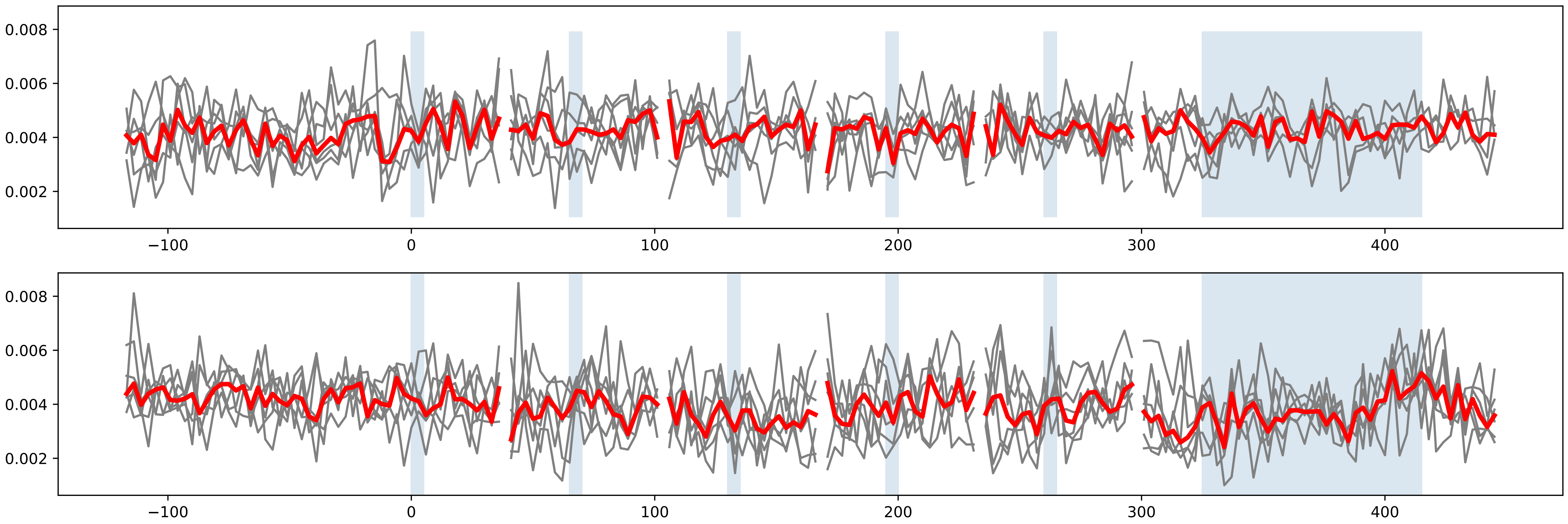


angular_velocity_tail_tip

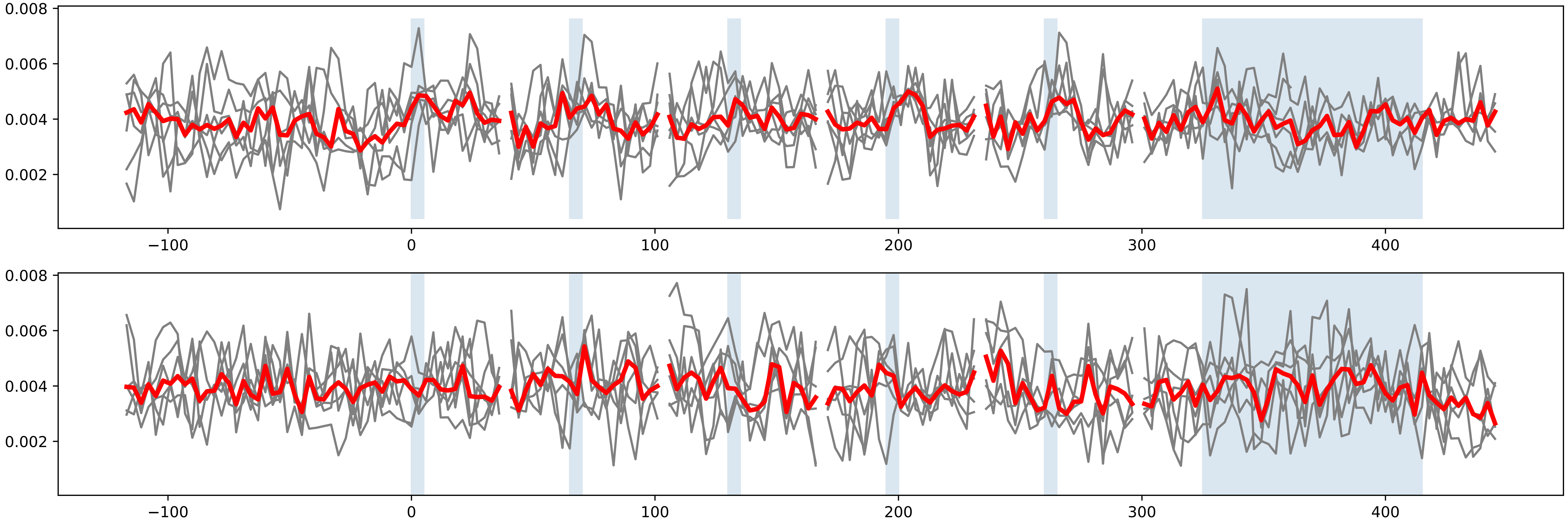


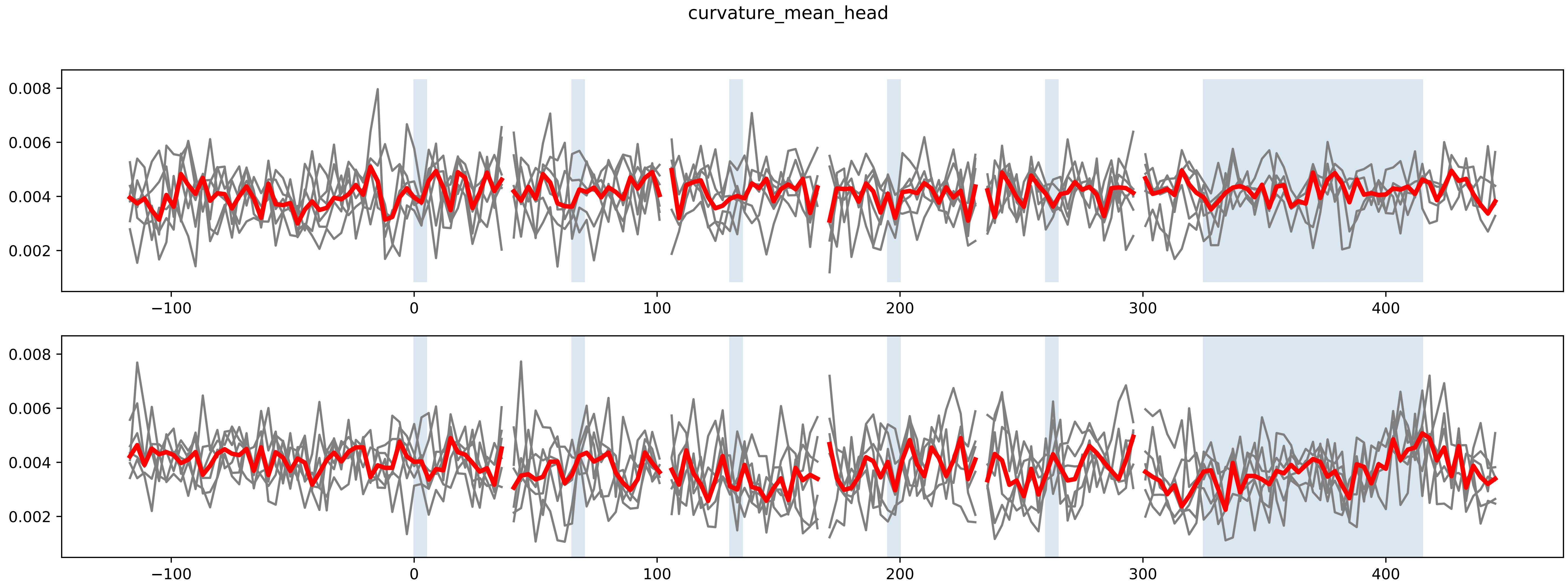

area
75000
70000
65000
60000
−100
0
100
200
300
400
75000
70000
65000
60000
−100
0
100
200
300
400

curvature_head

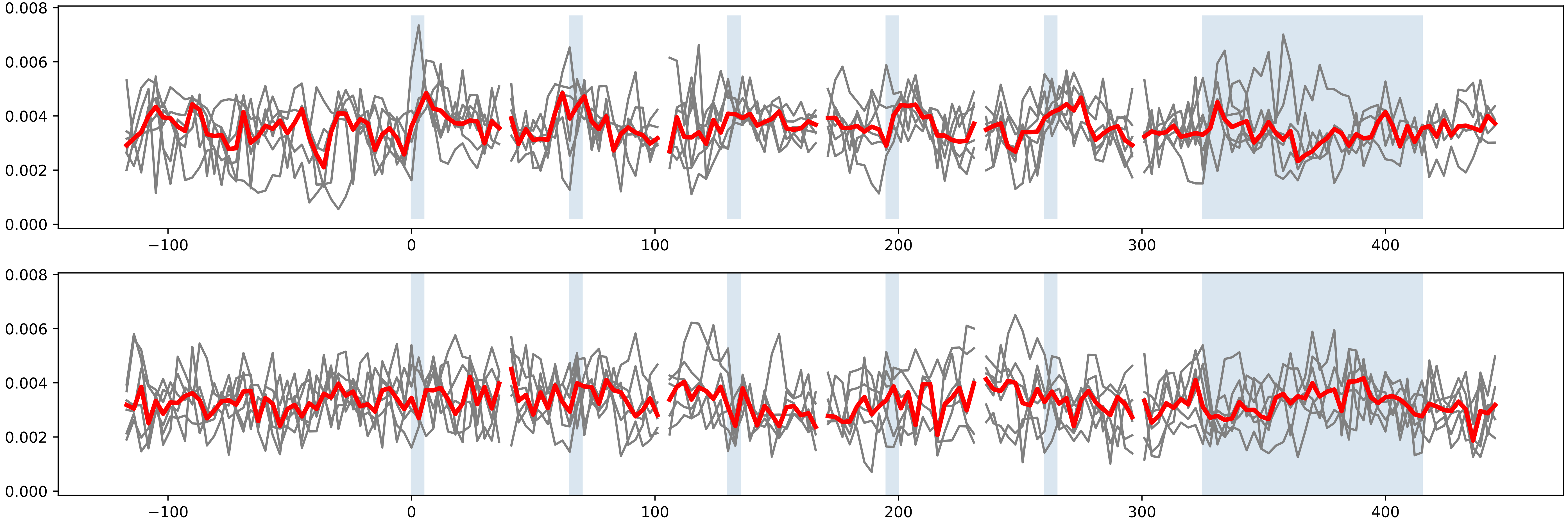


curvature_hips

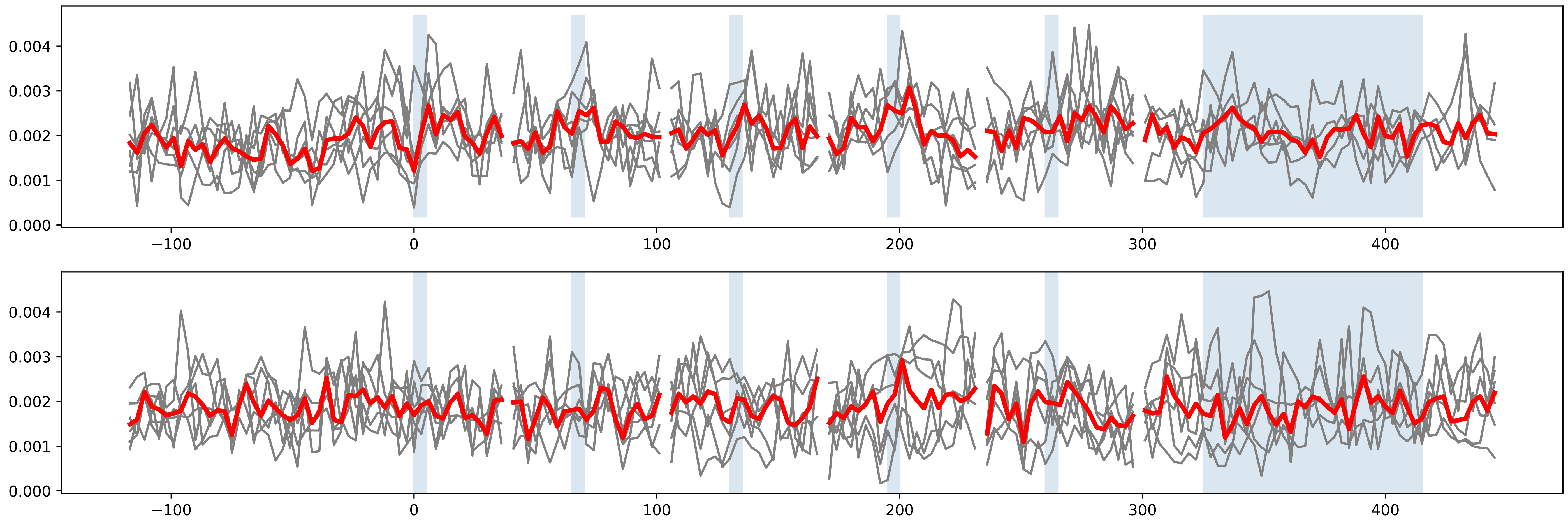



curvature_mean_head
0.008
0.006
0.004
0.002
−100
0
100
200
300
400
0.008
0.006
0.004
0.002
−100
0
100
200
300
400

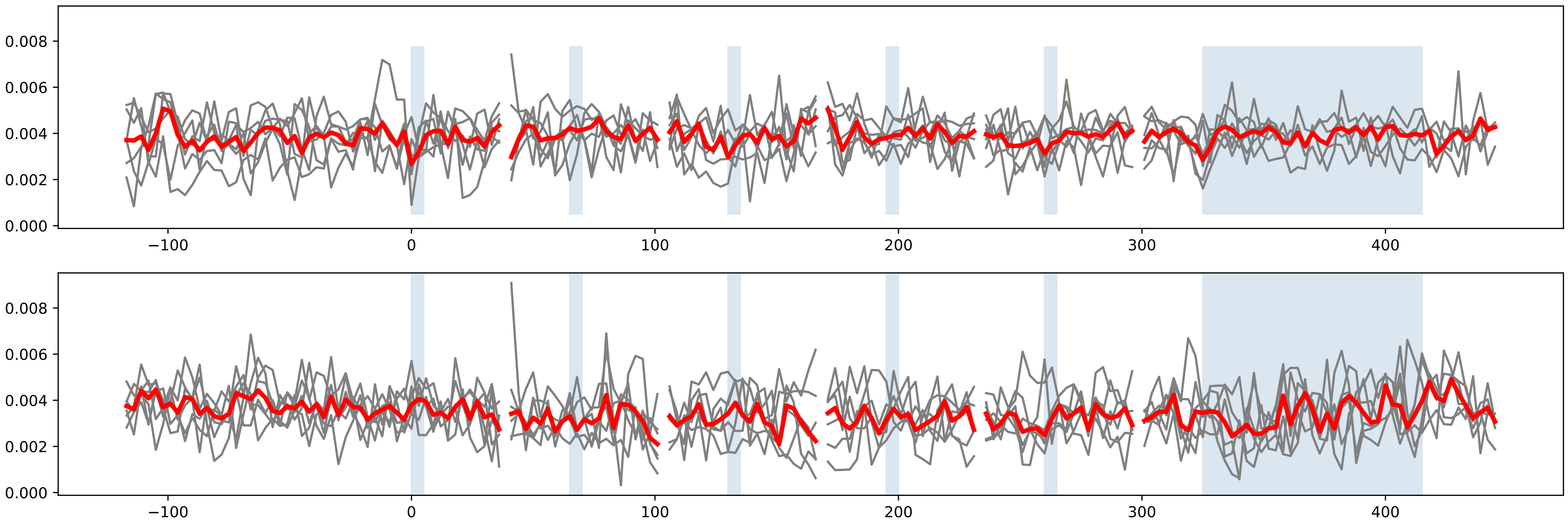
curvature_mean_hips



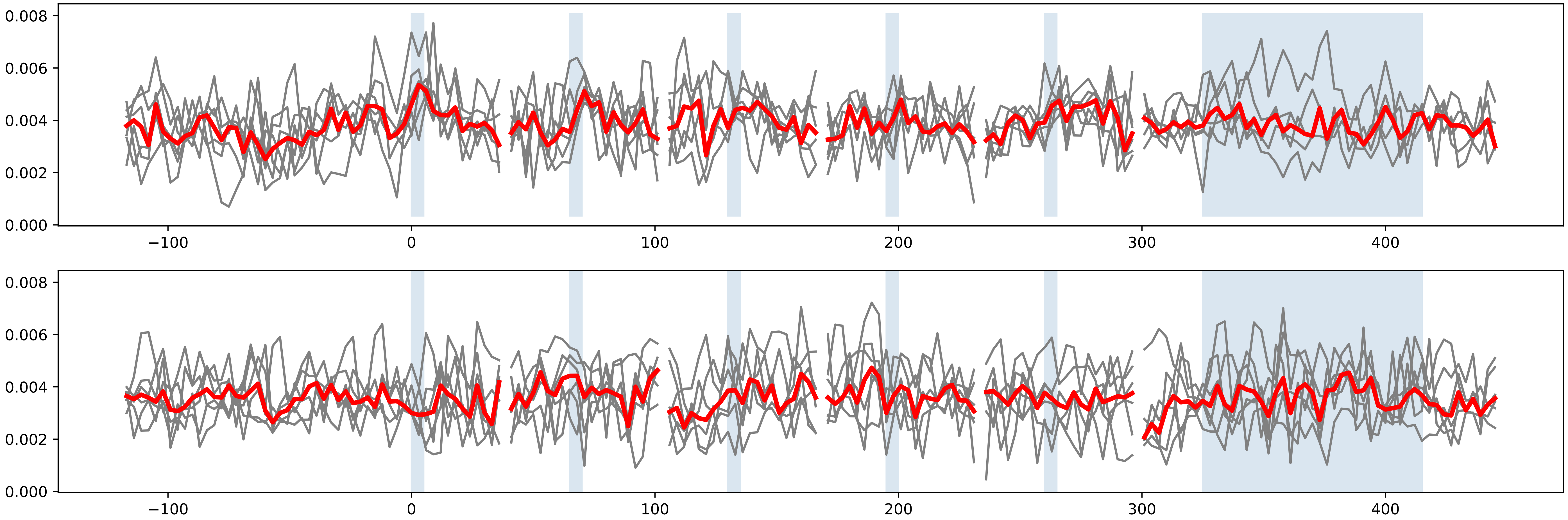
curvature_mean_midbody

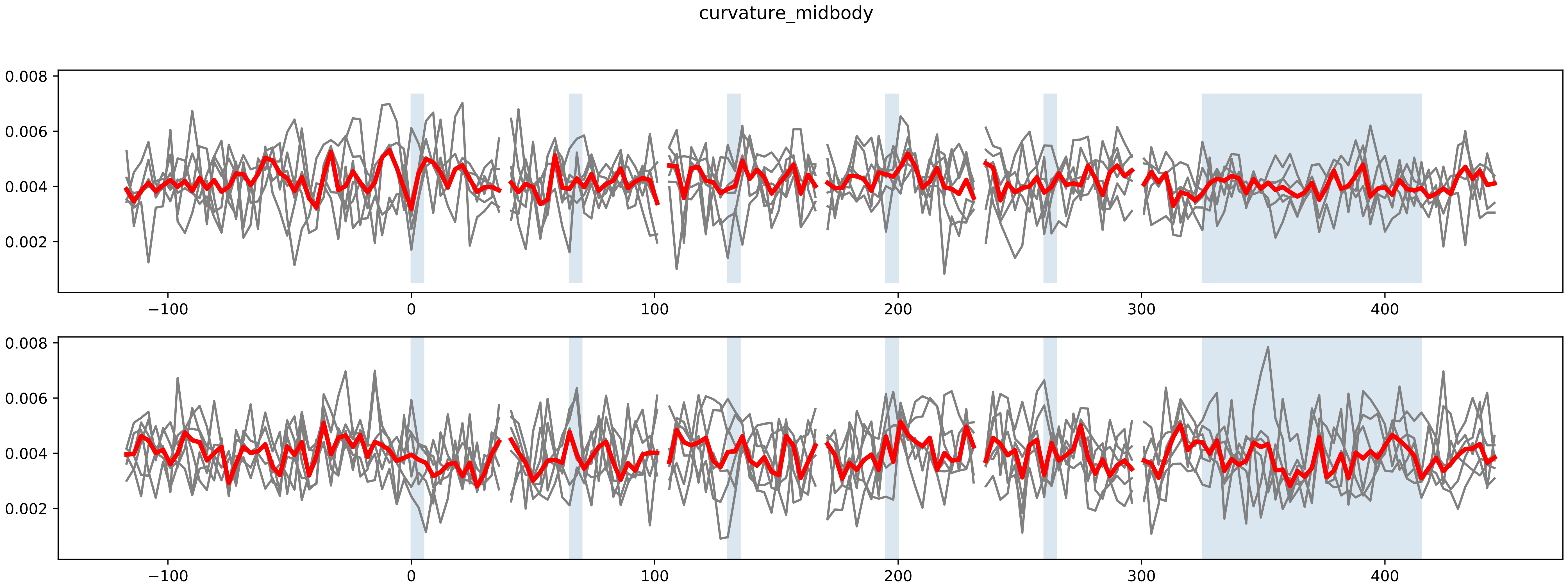


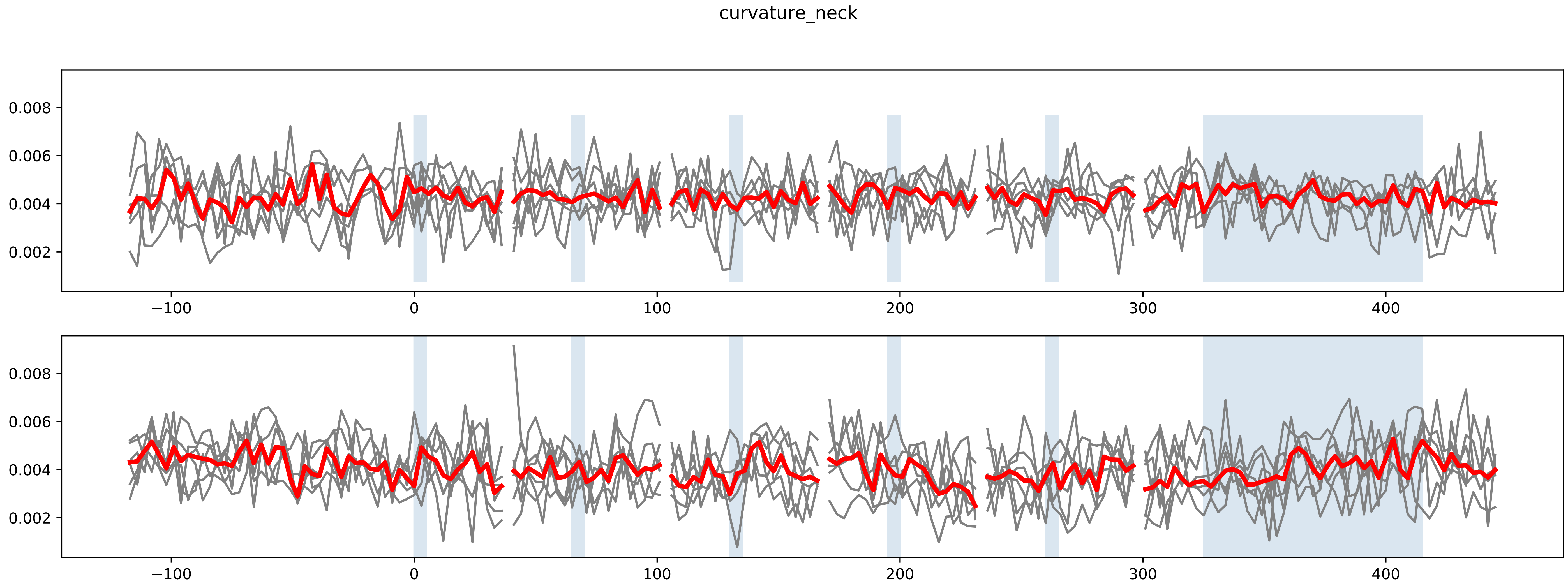
curvature_mean_neck



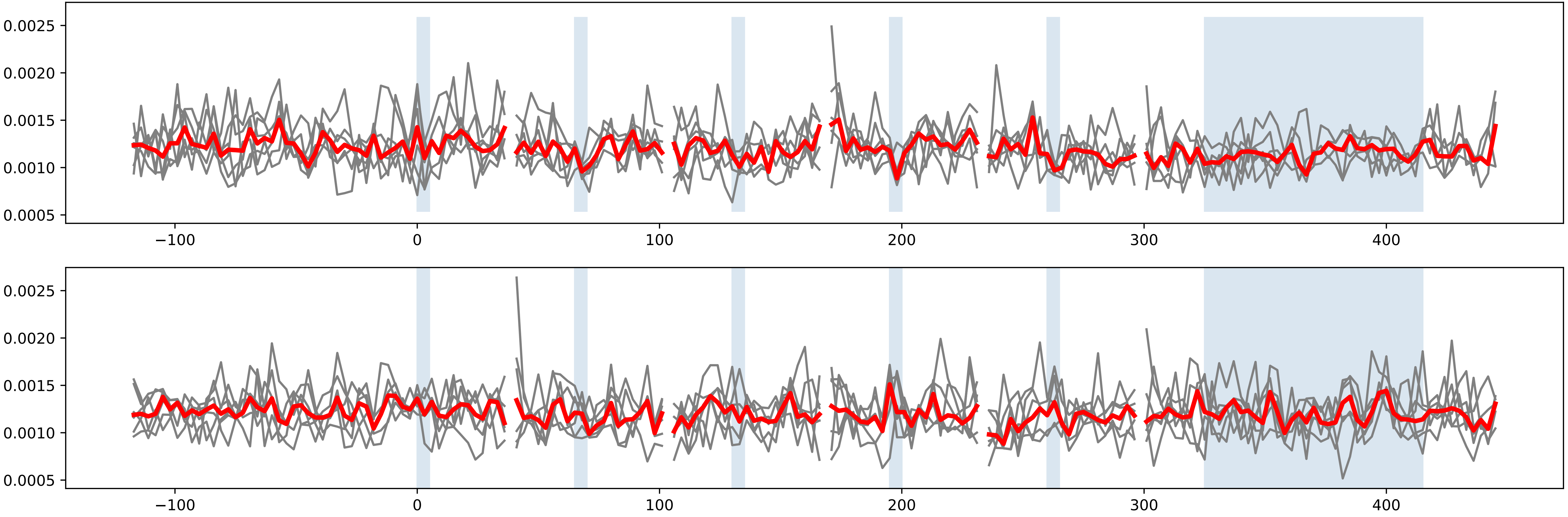
curvature_mean_tail



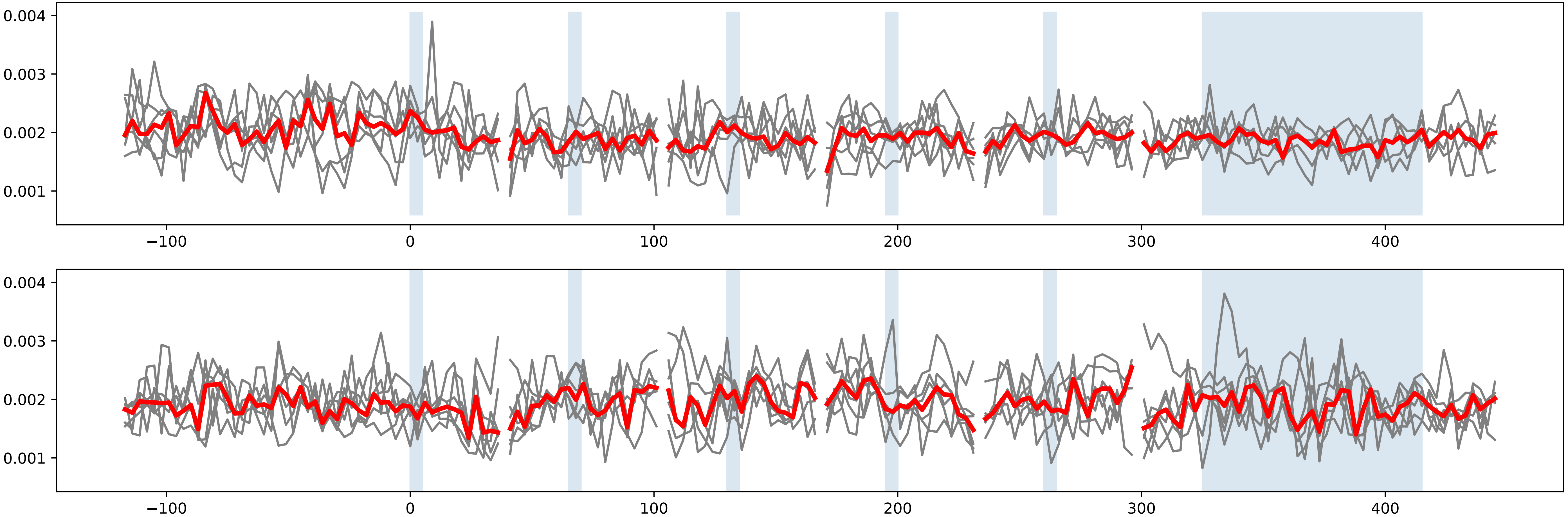

curvature_midbody
0.008
0.006
0.004
0.002
−100
0
100
200
300
400
0.008
0.006
0.004
0.002
−100
0
100
200
300
400


curvature_neck
0.008
0.006
0.004
0.002
−100
0
100
200
300
400
0.008
0.006
0.004
0.002
−100
0
100
200
300
400

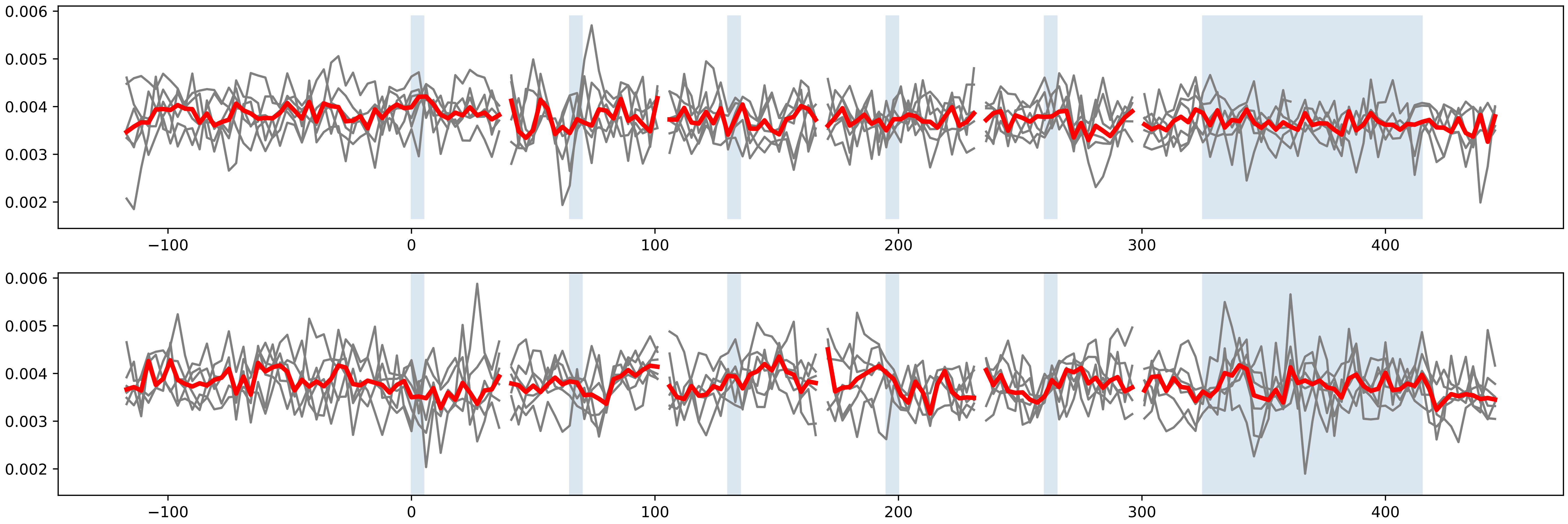
curvature_std_head



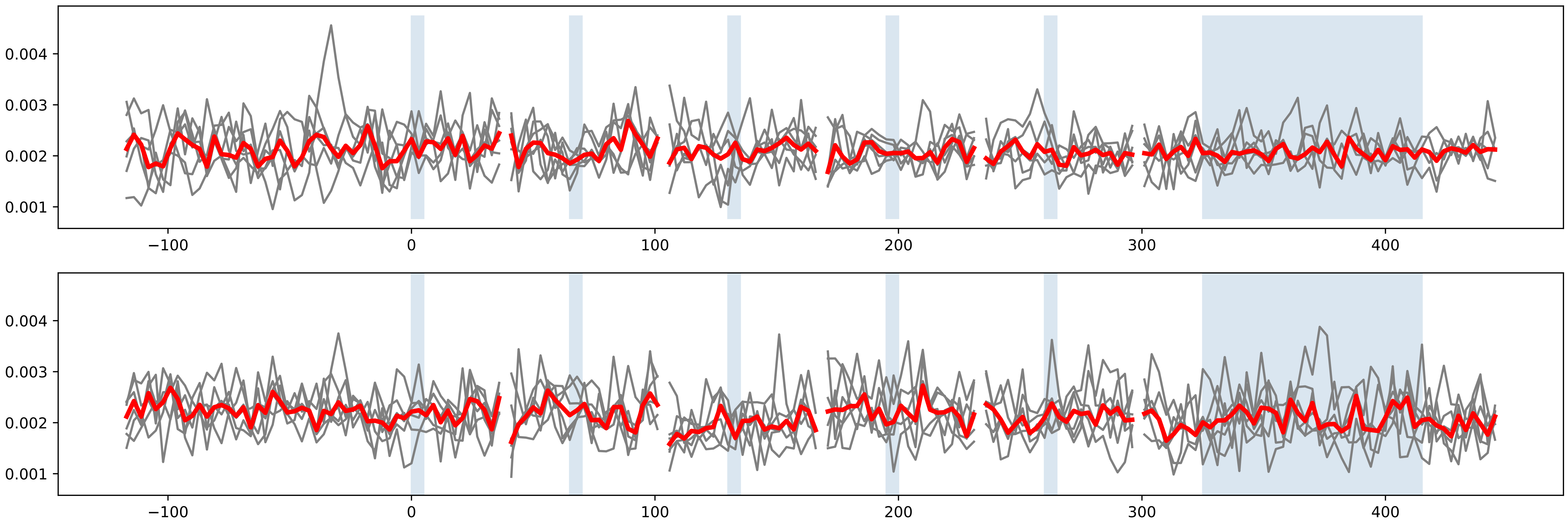
curvature_std_hips



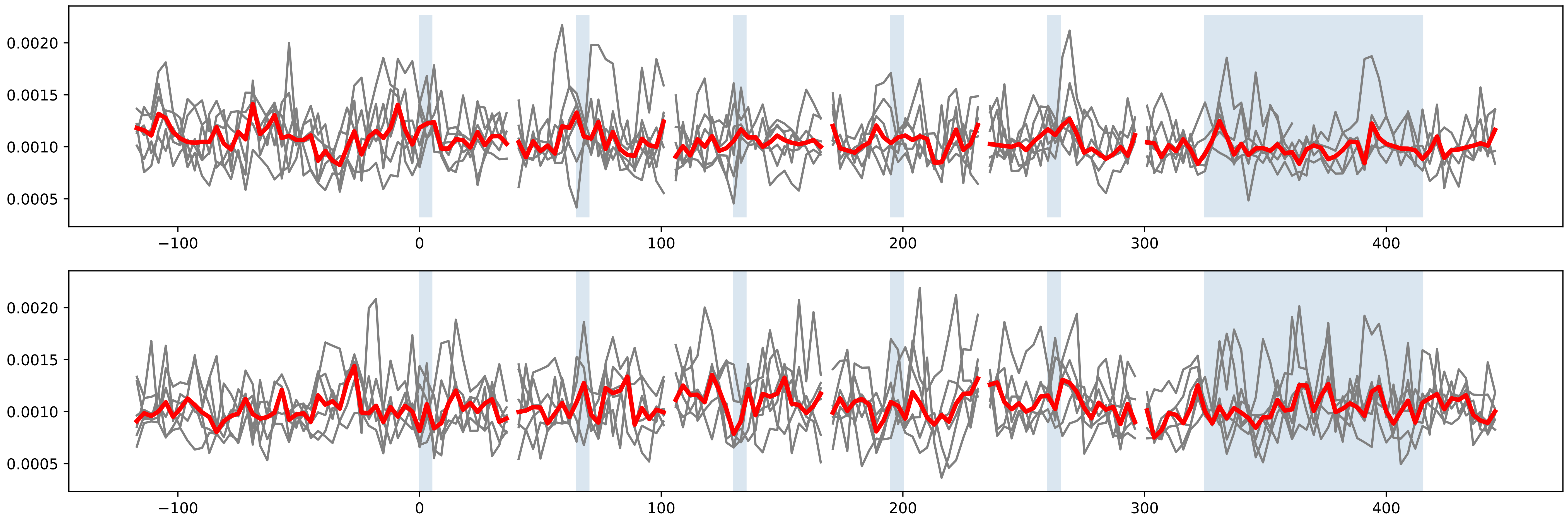
curvature_std_midbody



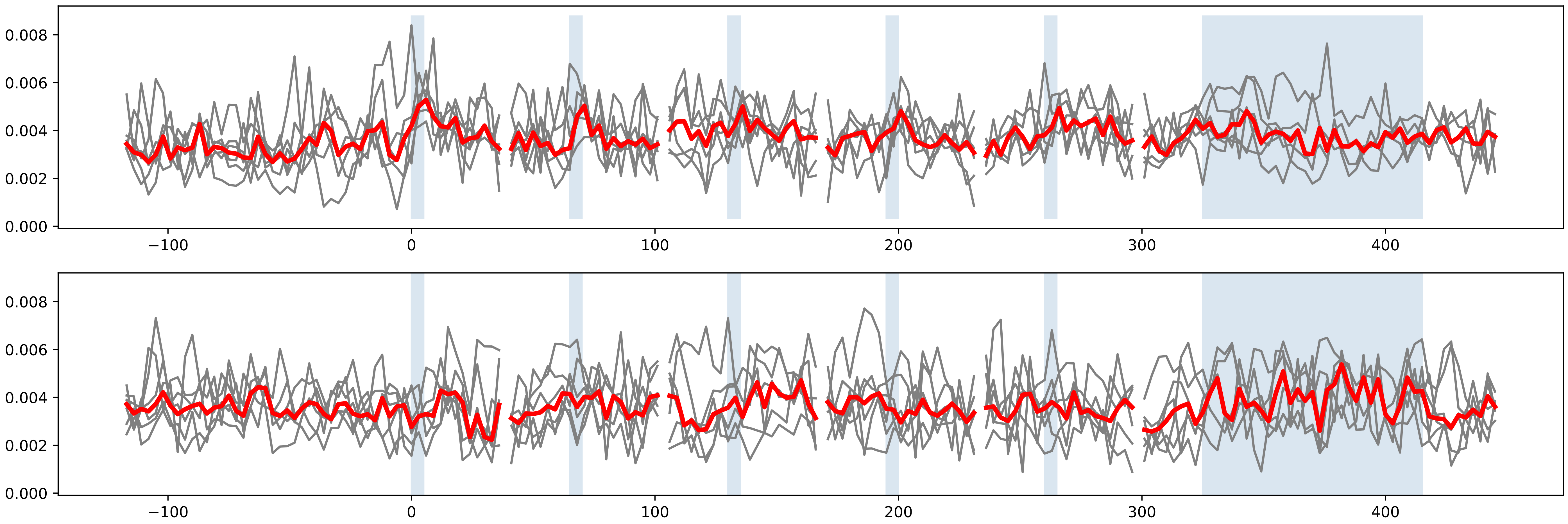
curvature_std_neck



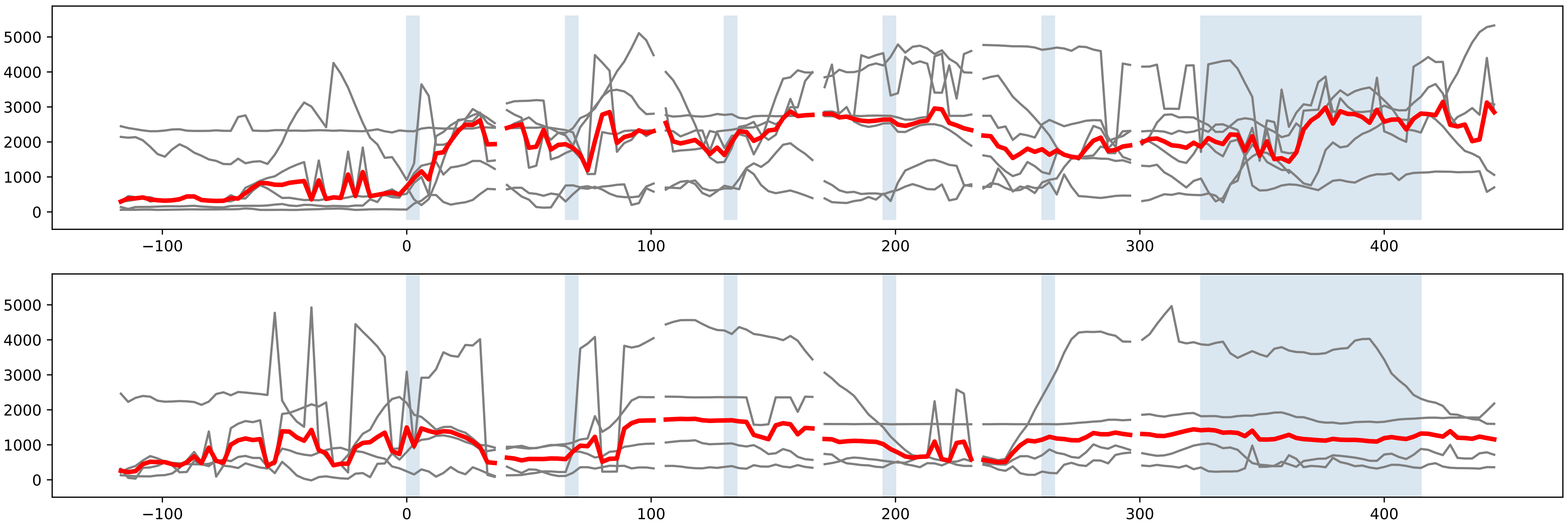
curvature_std_tail

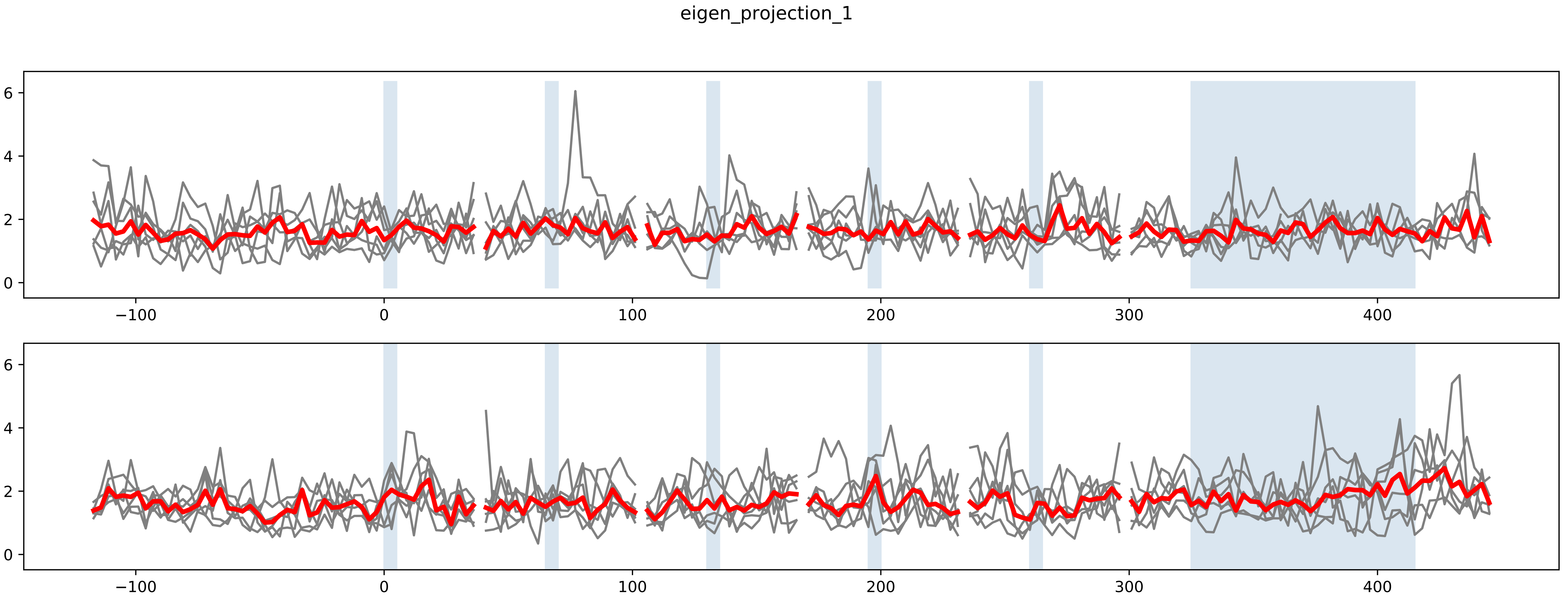


curvature_tail

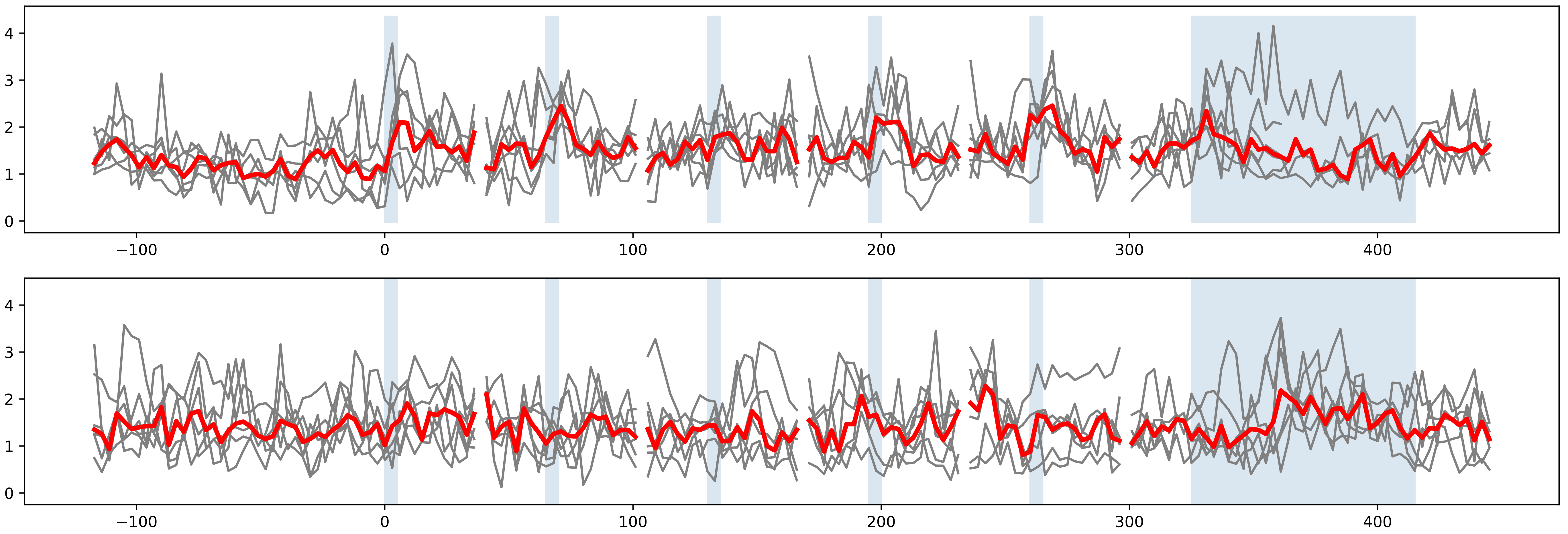


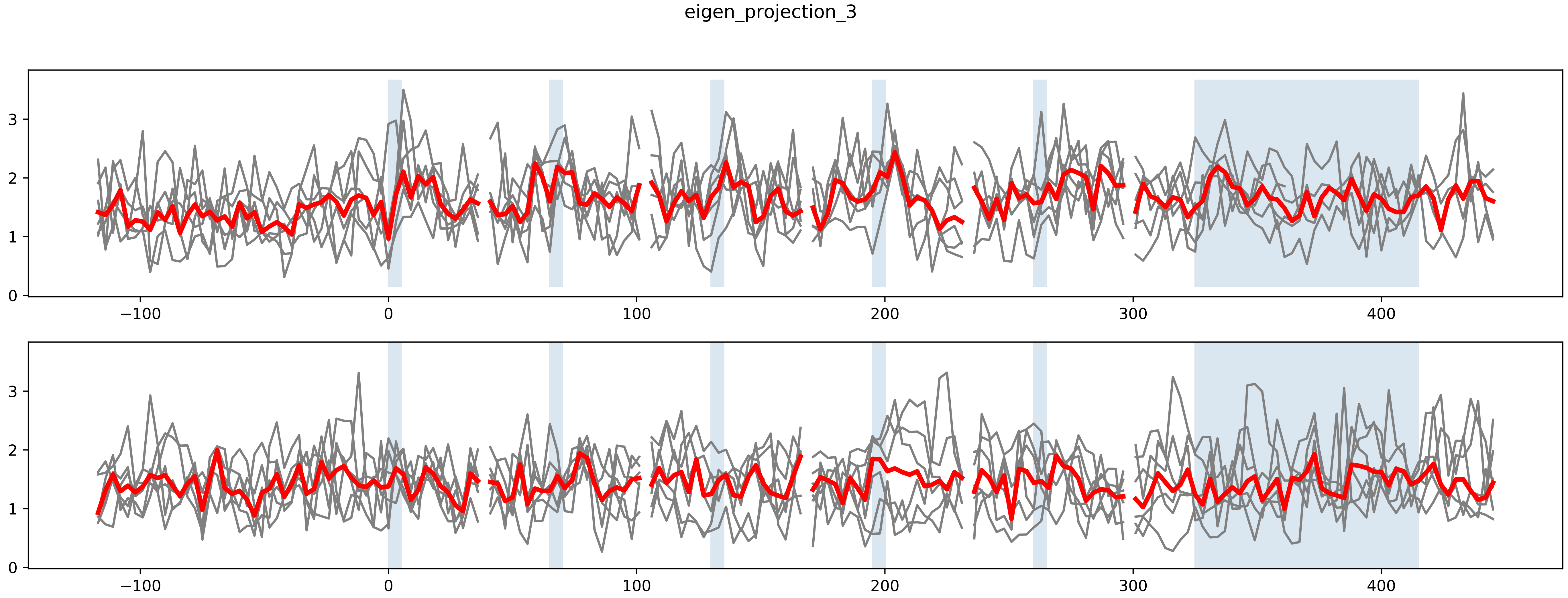
dist_from_food_edge

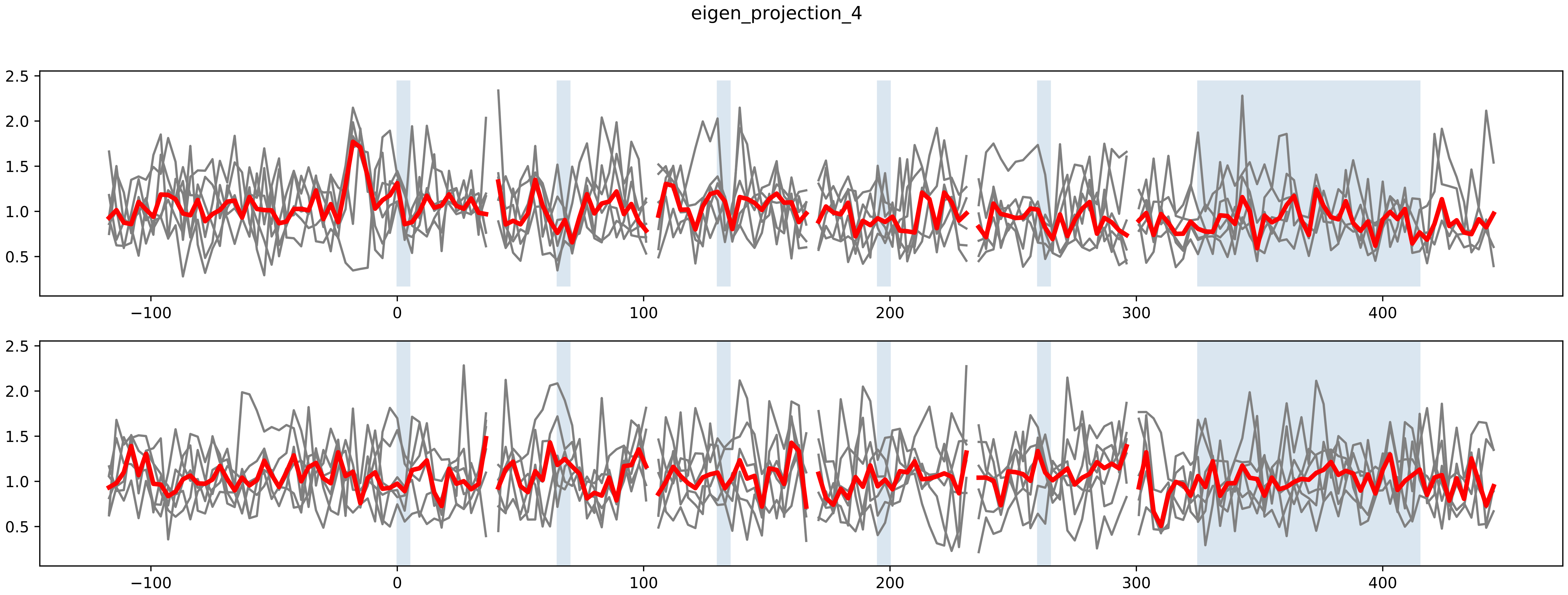


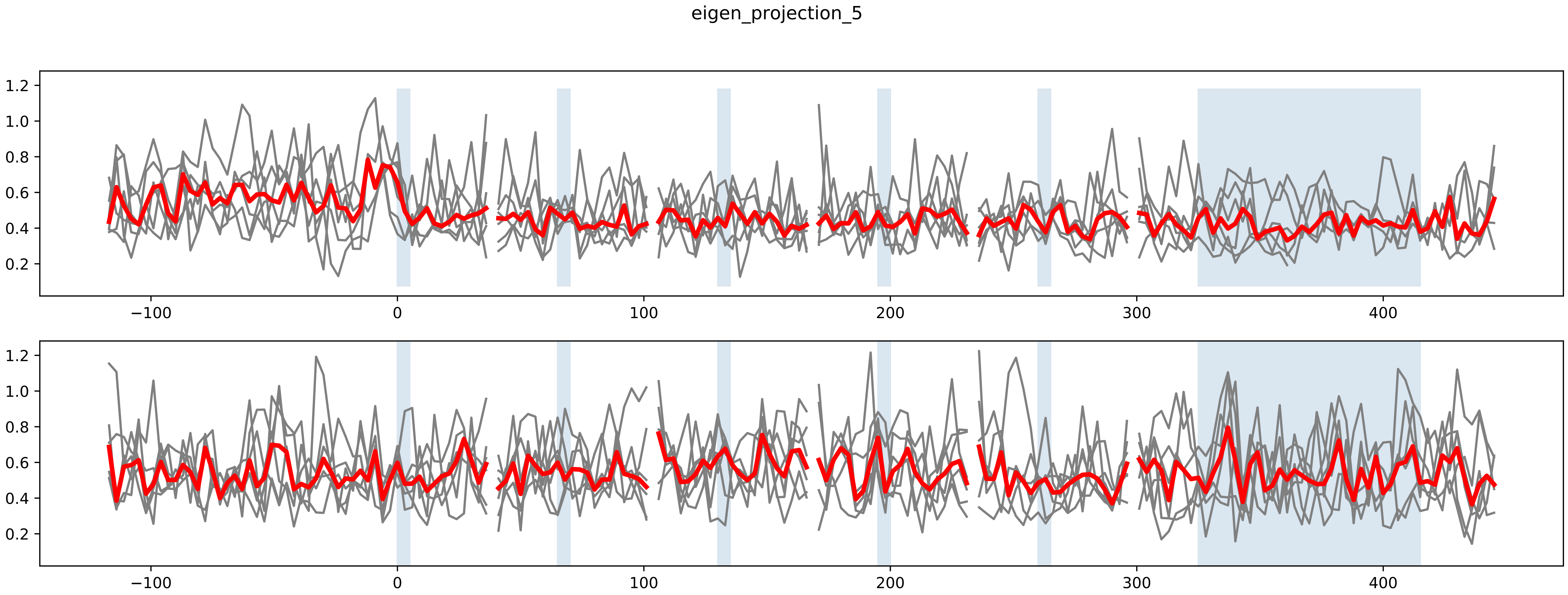

eigen_projection_1
6
4
2
0
−100
0
100
200
300
400
6
4
2
0
−100
0
100
200
300
400

eigen_projection_2

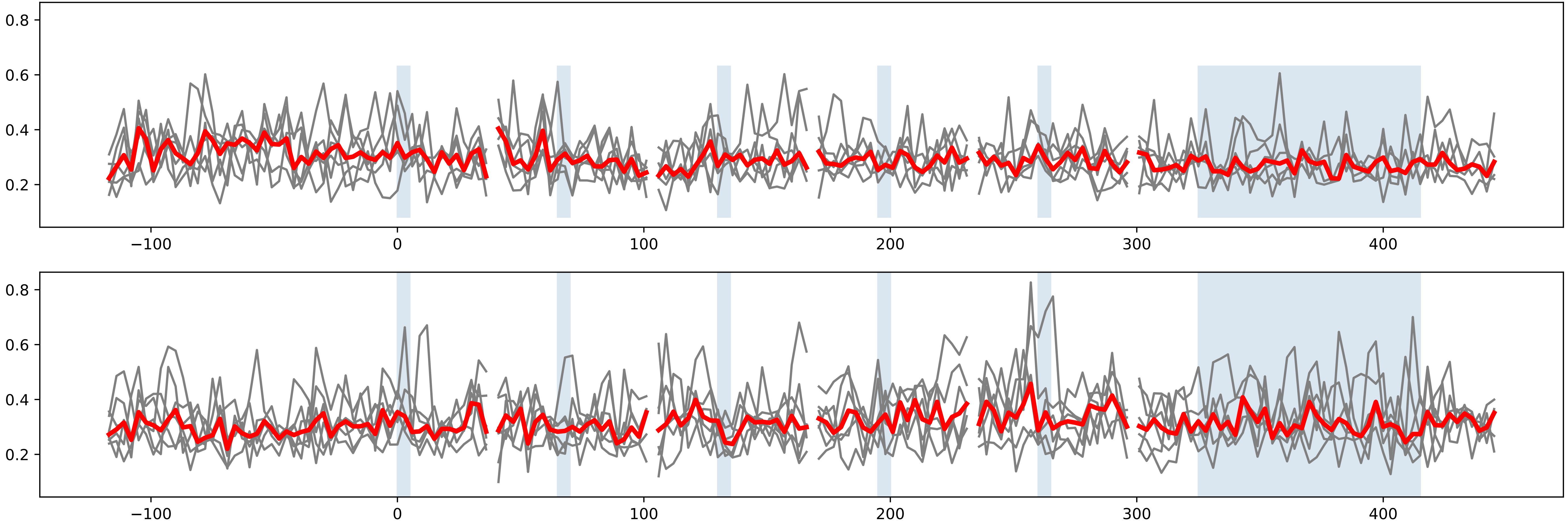



eigen_projection_3
0
1
2
3
−100
0
100
200
300
400
0
1
2
3
−100
0
100
200
300
400

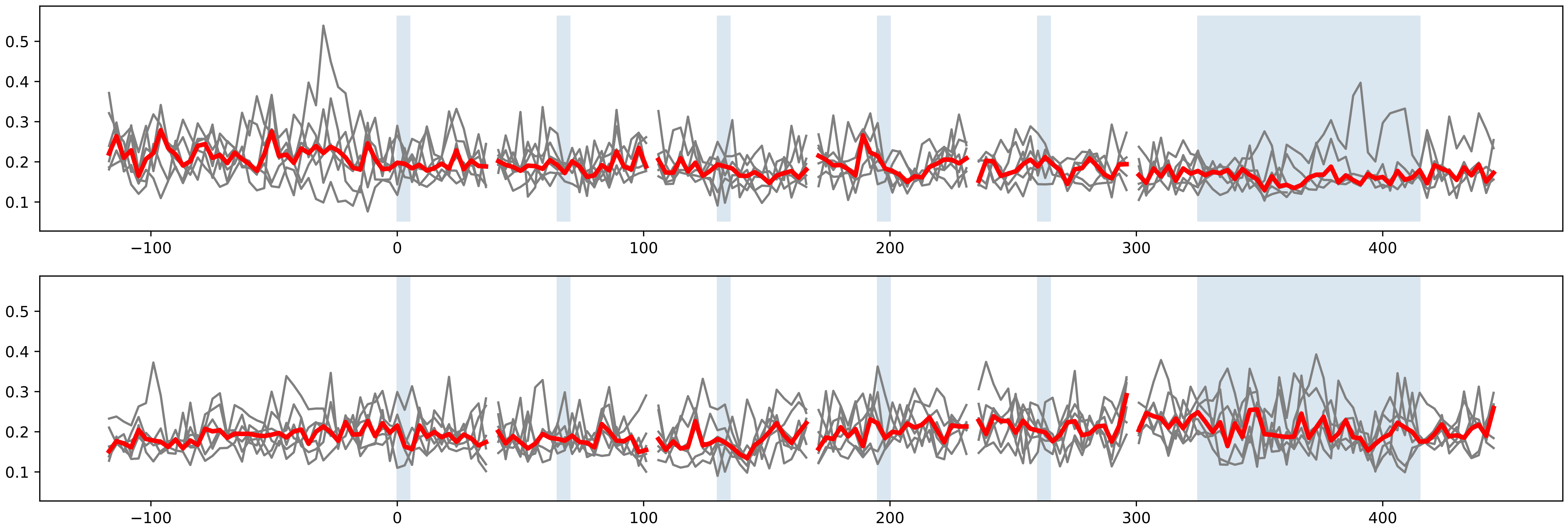

eigen_projection_4
2.5
2.0
1.5
1.0
0.5
−100
0
100
200
300
400
2.5
2.0
1.5
1.0
0.5
−100
0
100
200
300
400


eigen_projection_5
1.2
1.0
0.8
0.6
0.4
0.2
−100
0
100
200
300
400
1.2
1.0
0.8
0.6
0.4
0.2
−100
0
100
200
300
400

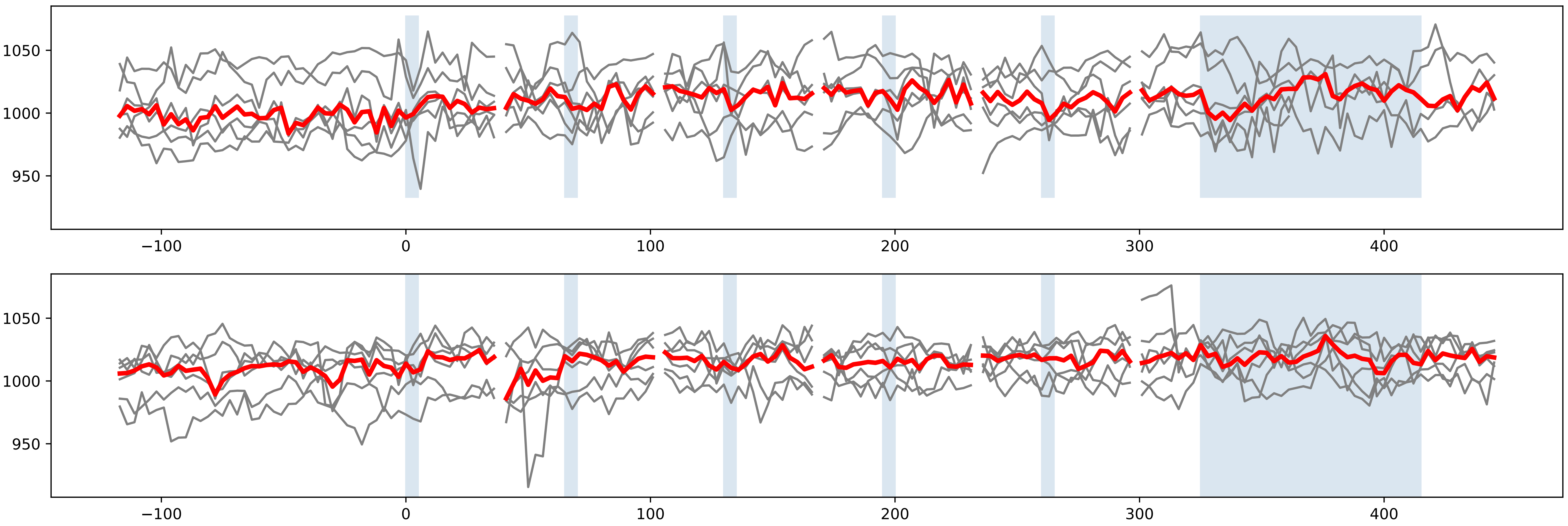
eigen_projection_6



eigen_projection_7

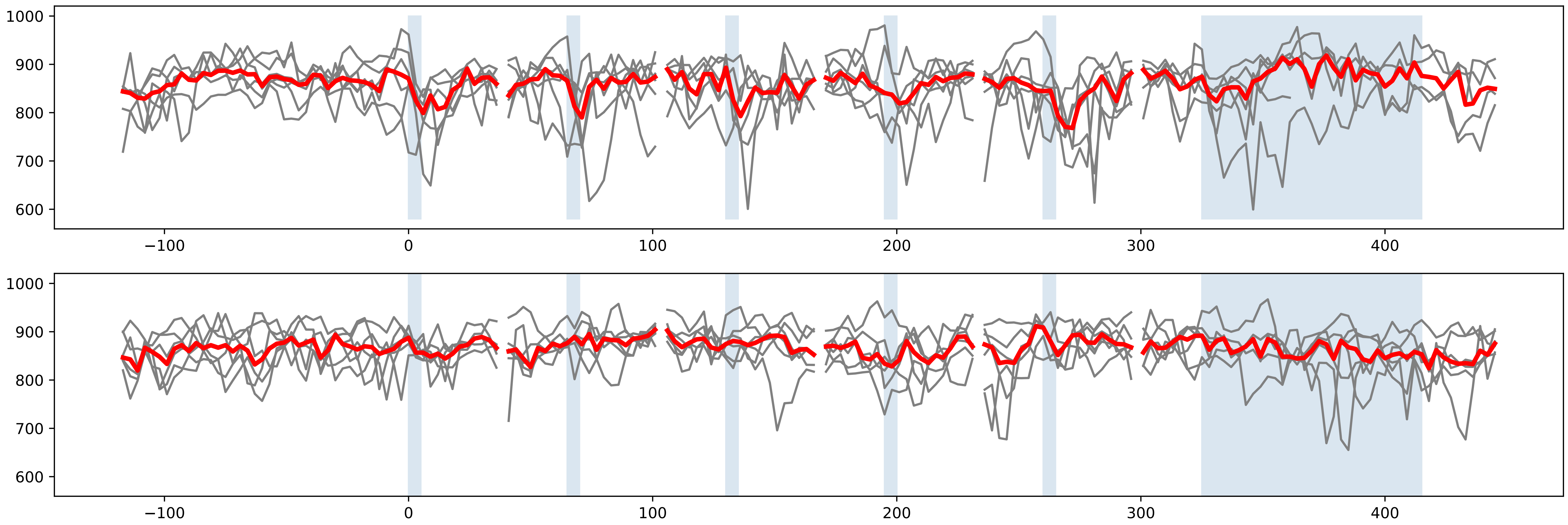


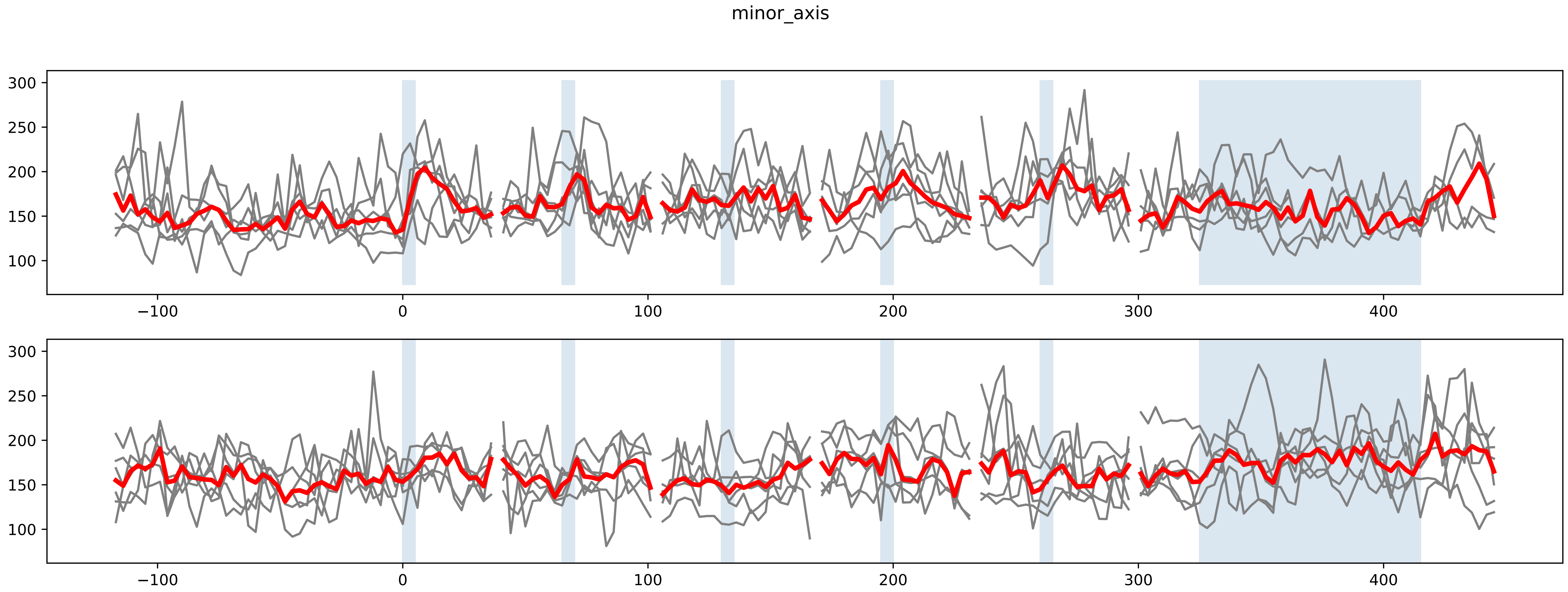
length



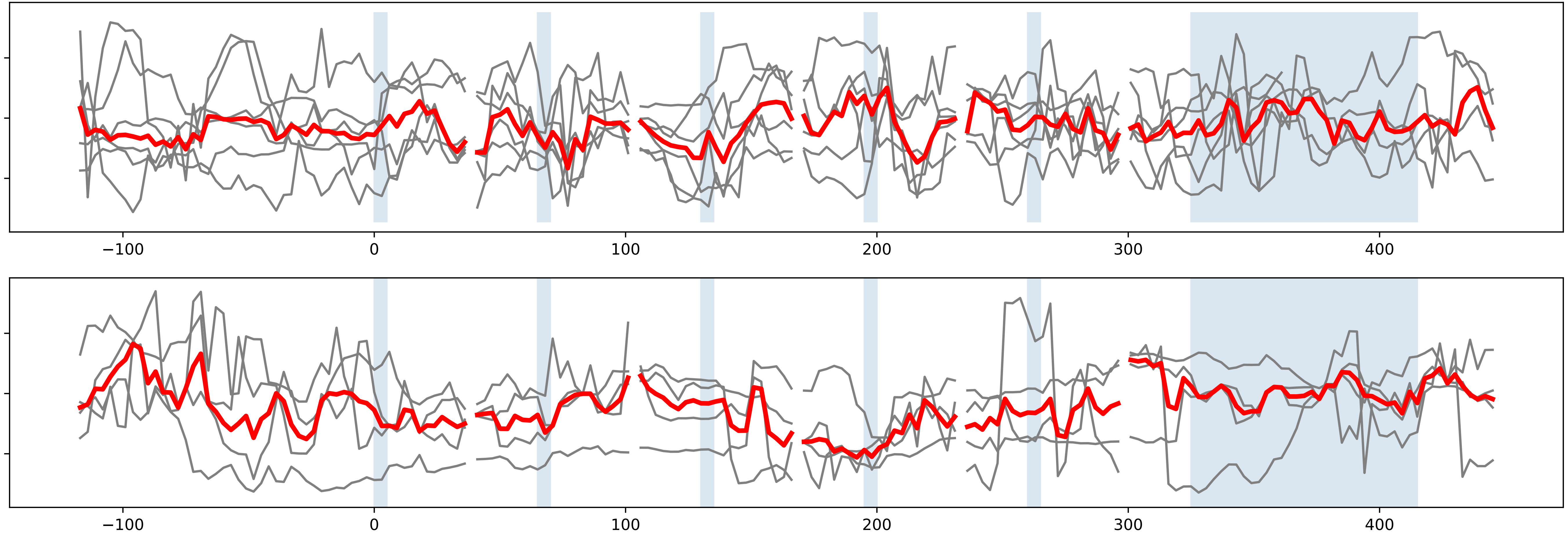
1050
1000
950
−100
0
100
200
300
400
1050
1000
950
−100
0
100
200
300
400

major_axis

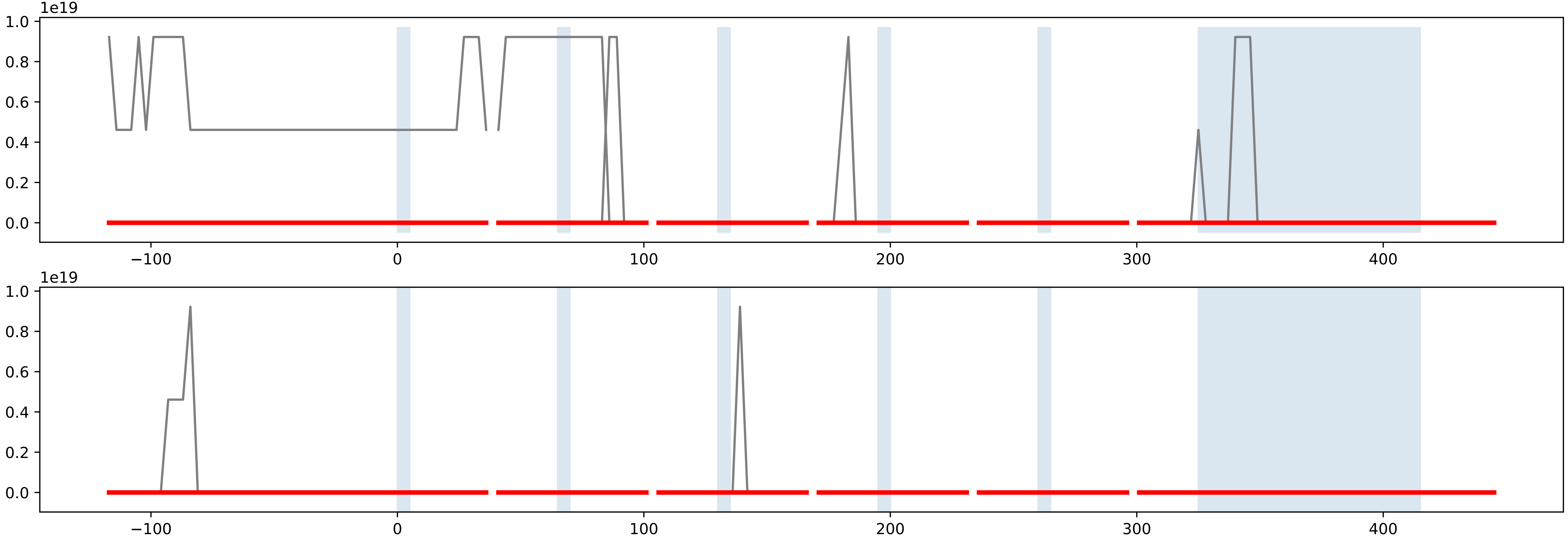

1000
900
800
700
600
−100
0
100
200
300
400
1000
900
800
700
600
−100
0
100
200
300
400


minor_axis
300
250
200
150
100
−100
0
100
200
300
400
300
250
200
150
100
−100
0
100
200
300
400

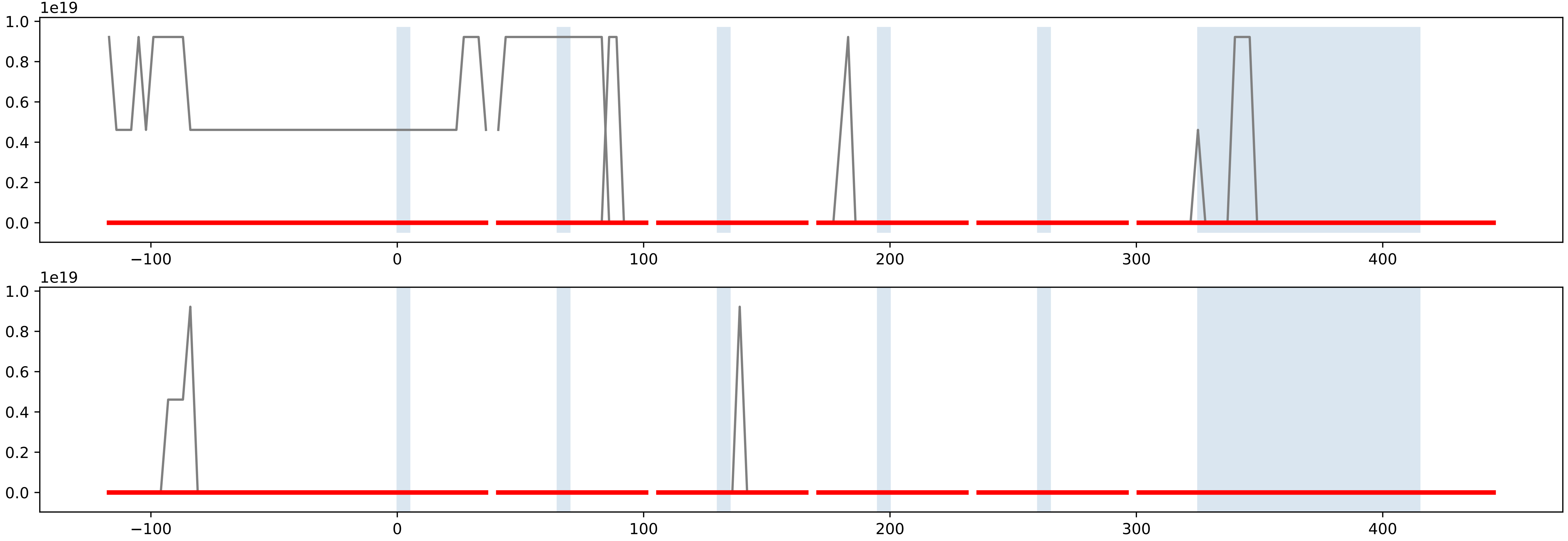
orientation_food_edge

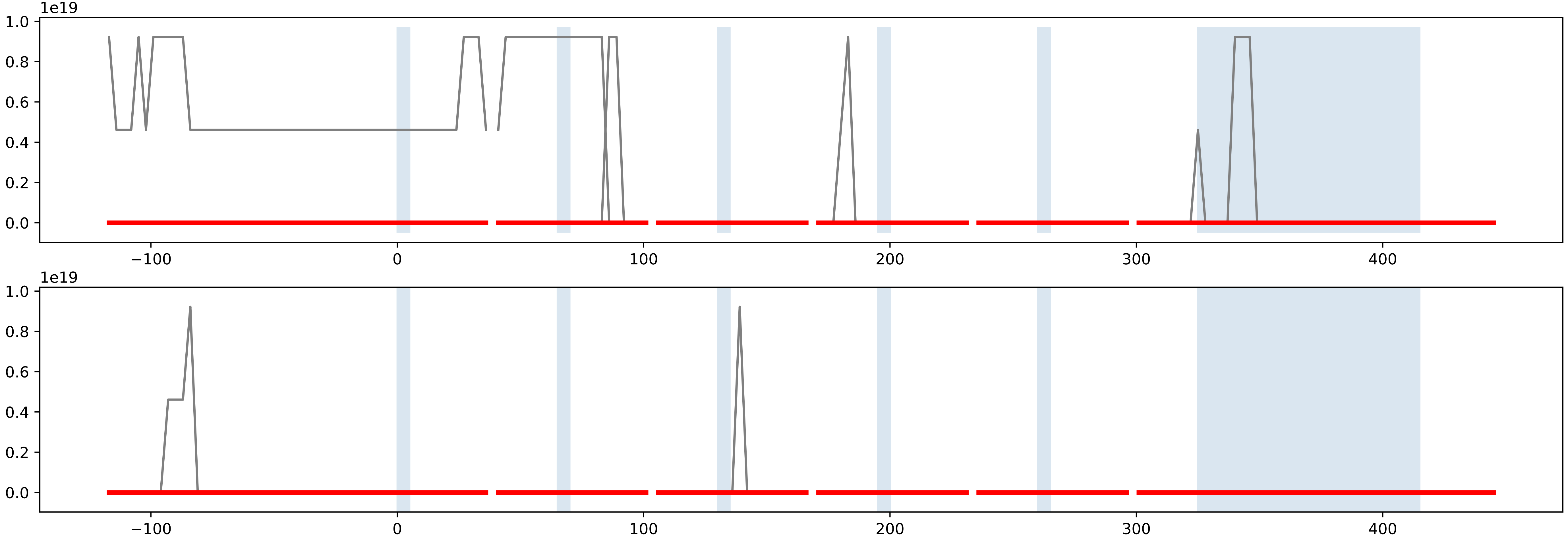


path_curvature_body



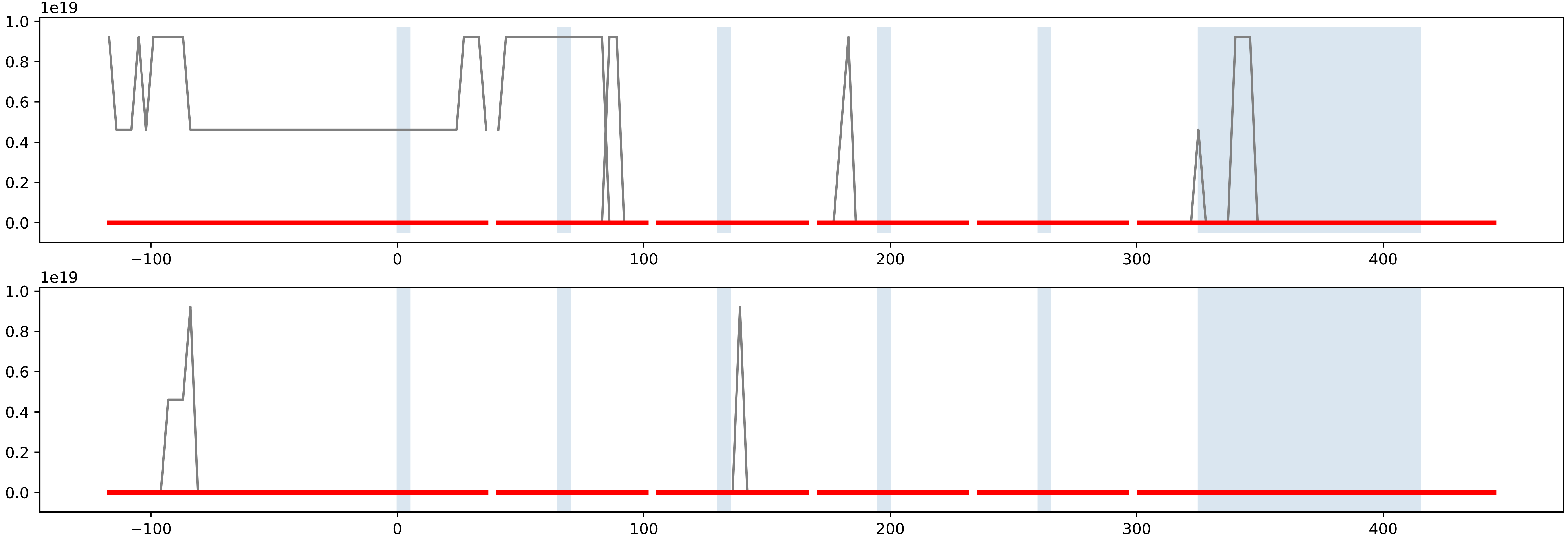
path_curvature_head

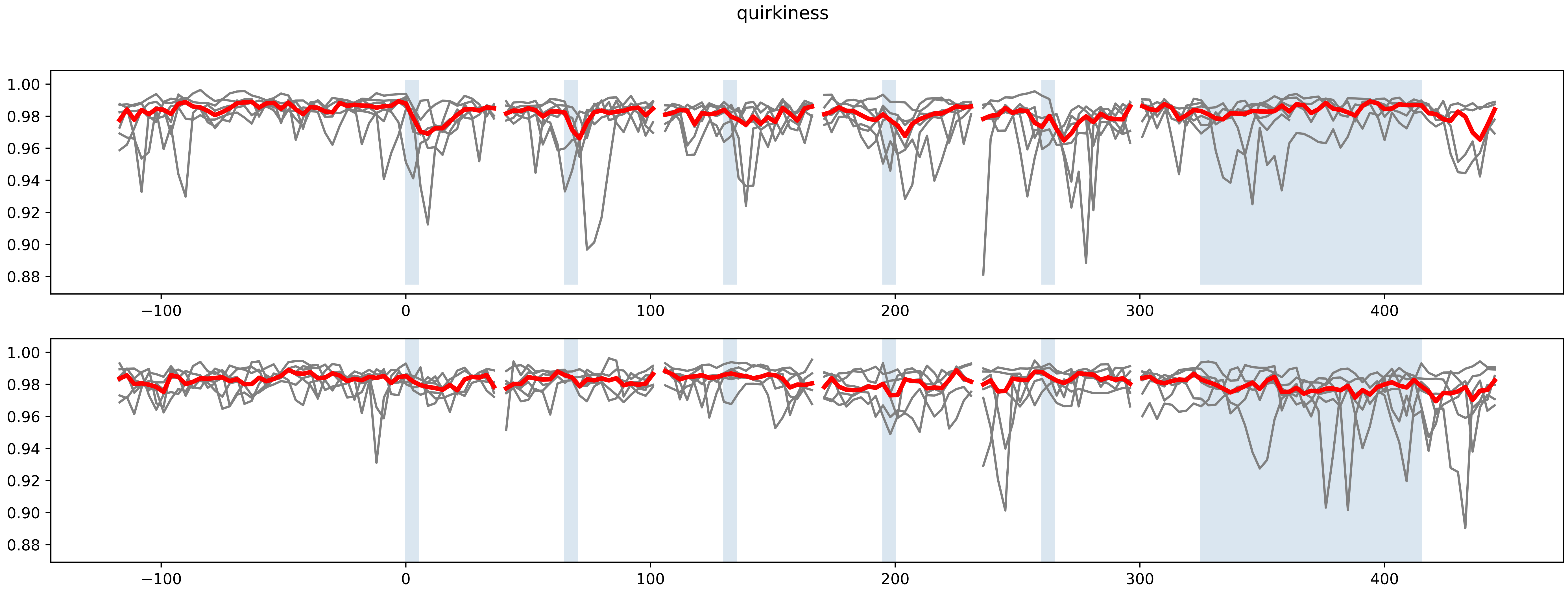




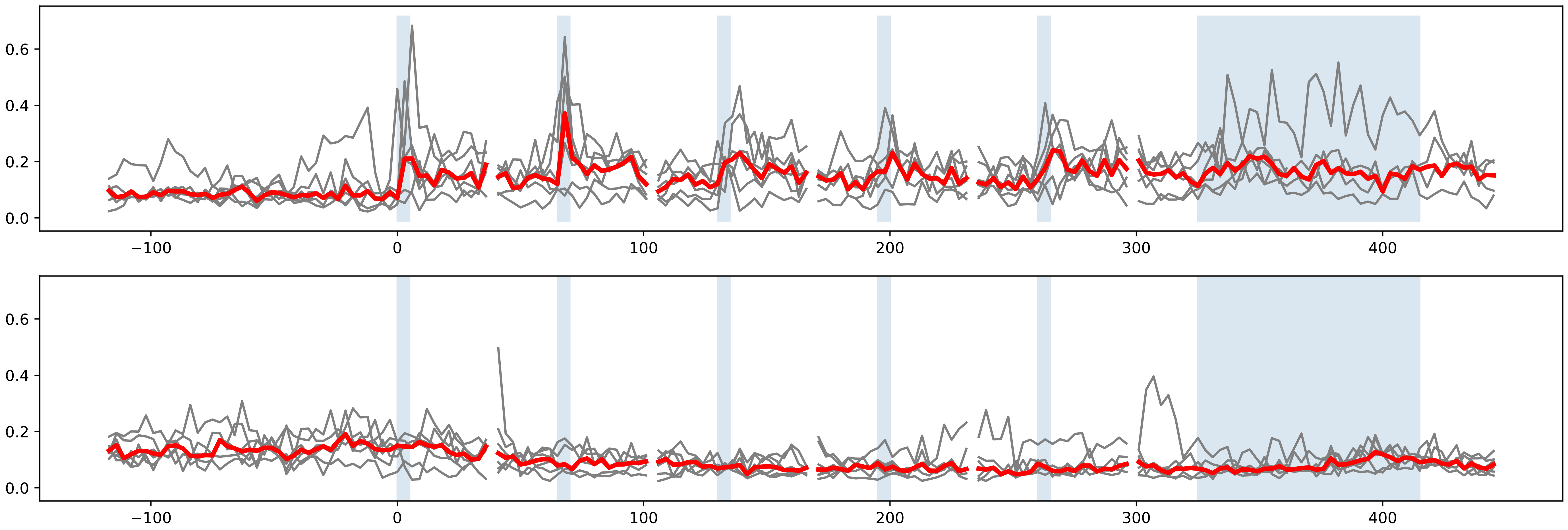
path_curvature_midbody

path_curvature_tail

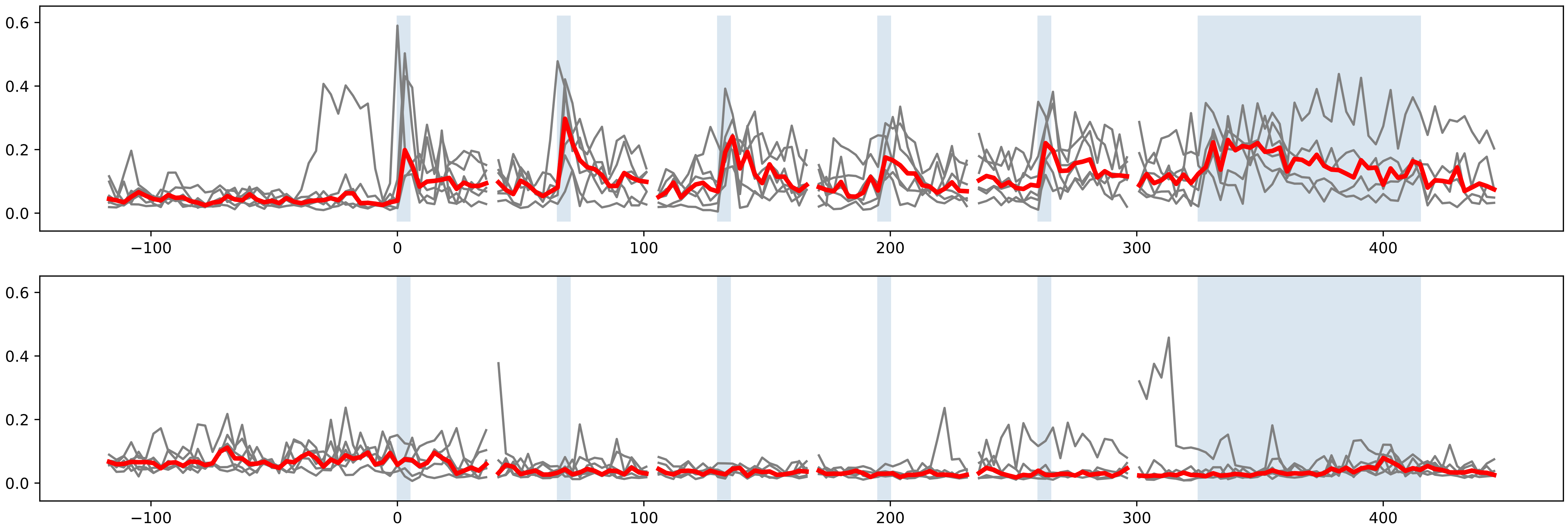



quirkiness
1.00
0.98
0.96
0.94
0.92
0.90
0.88
−100
0
100
200
300
400
1.00
0.98
0.96
0.94
0.92
0.90
0.88
−100
0
100
200
300
400

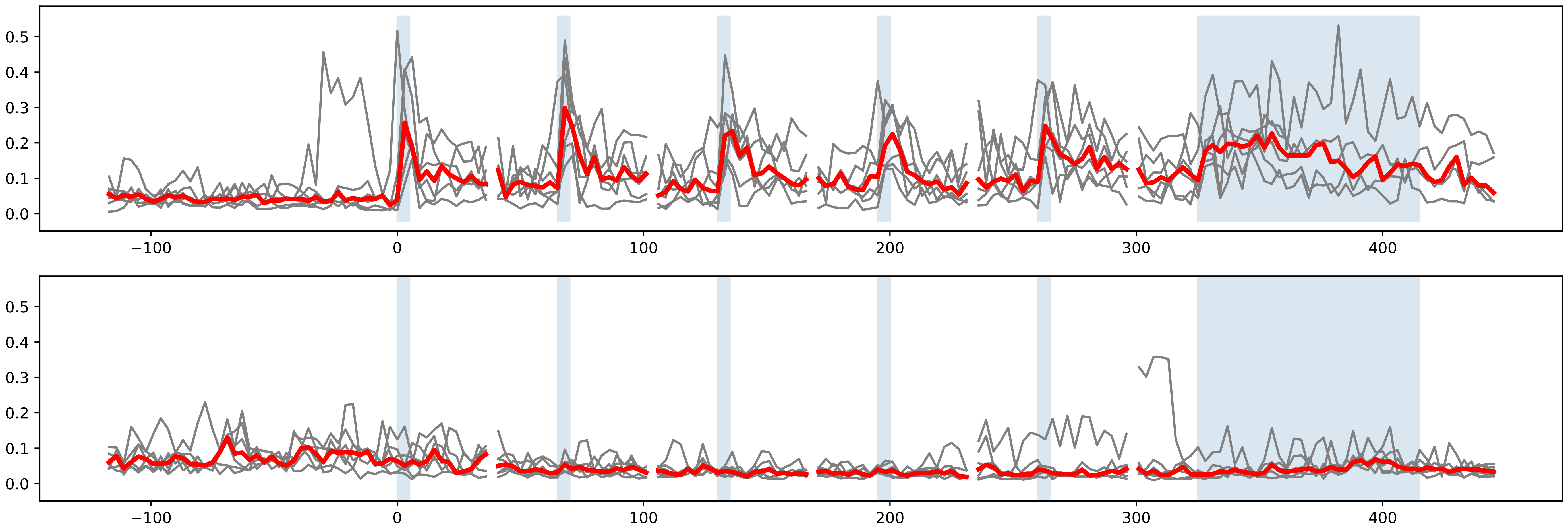
relative_to_body_angular_velocity_head_tip



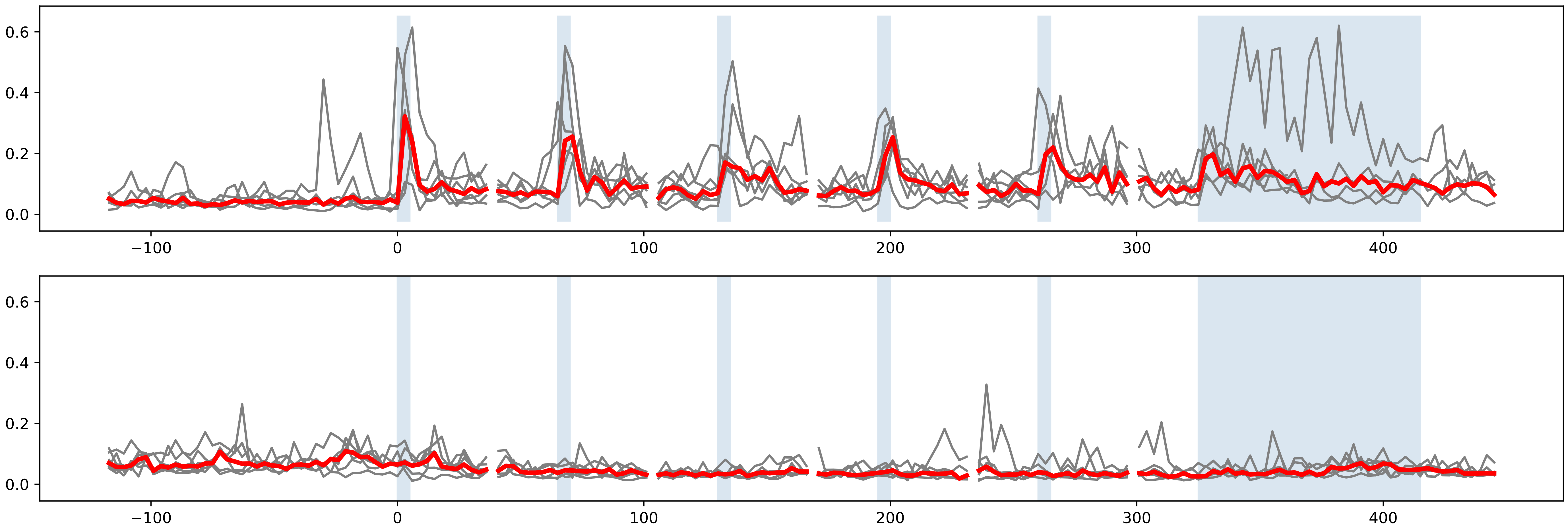
relative_to_body_angular_velocity_hips



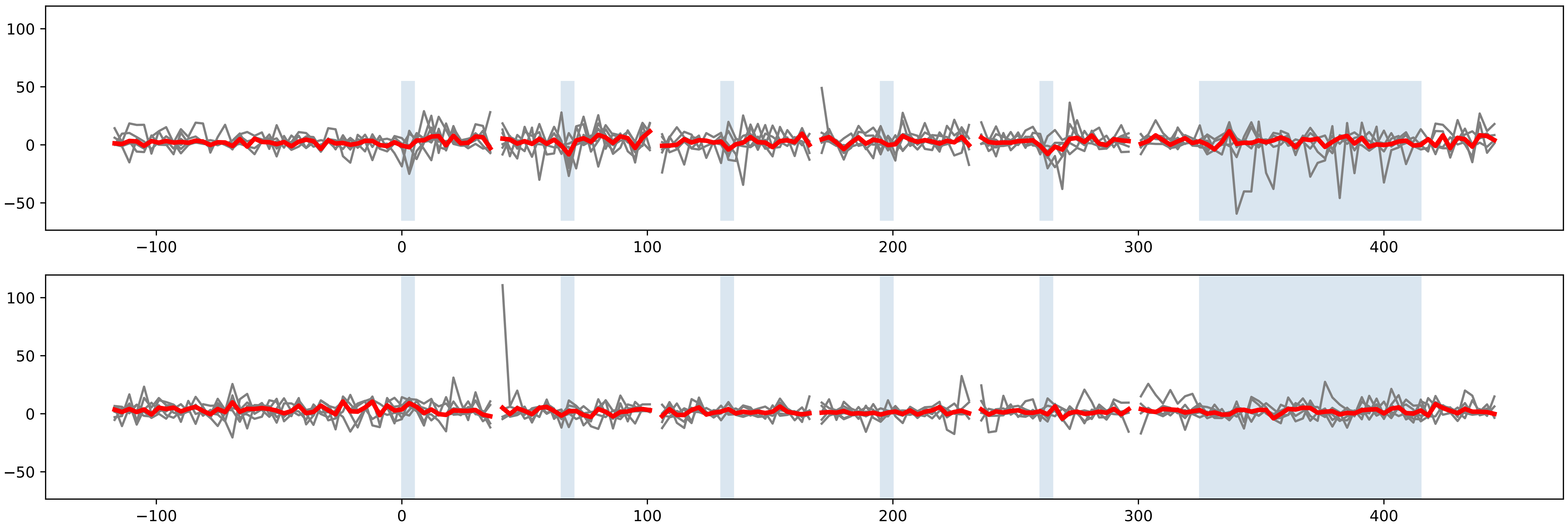
relative_to_body_angular_velocity_neck

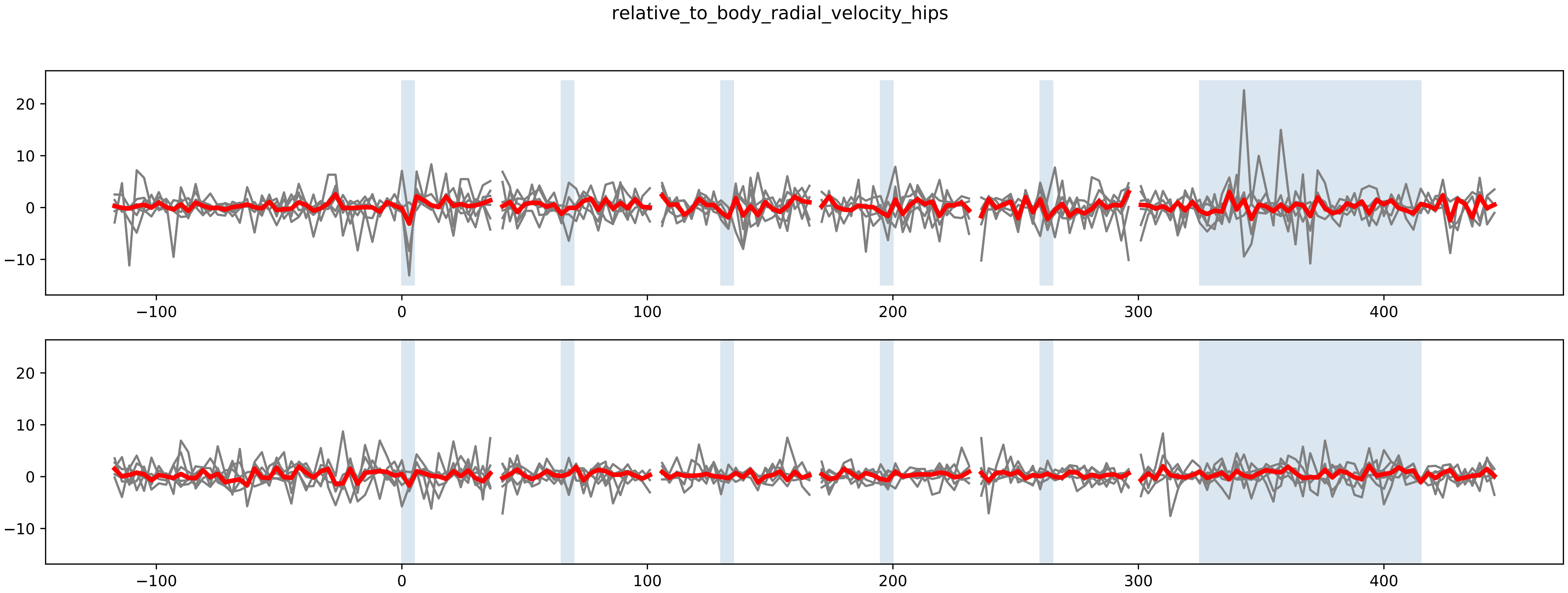


relative_to_body_angular_velocity_tail_tip

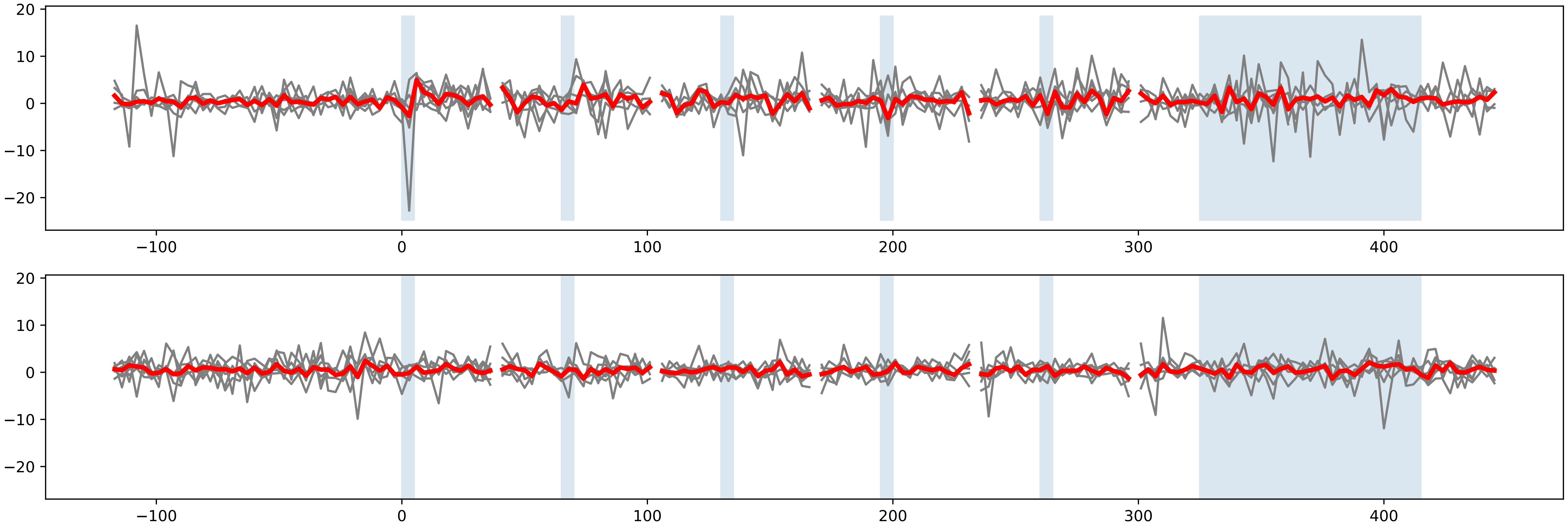


relative_to_body_radial_velocity_head_tip

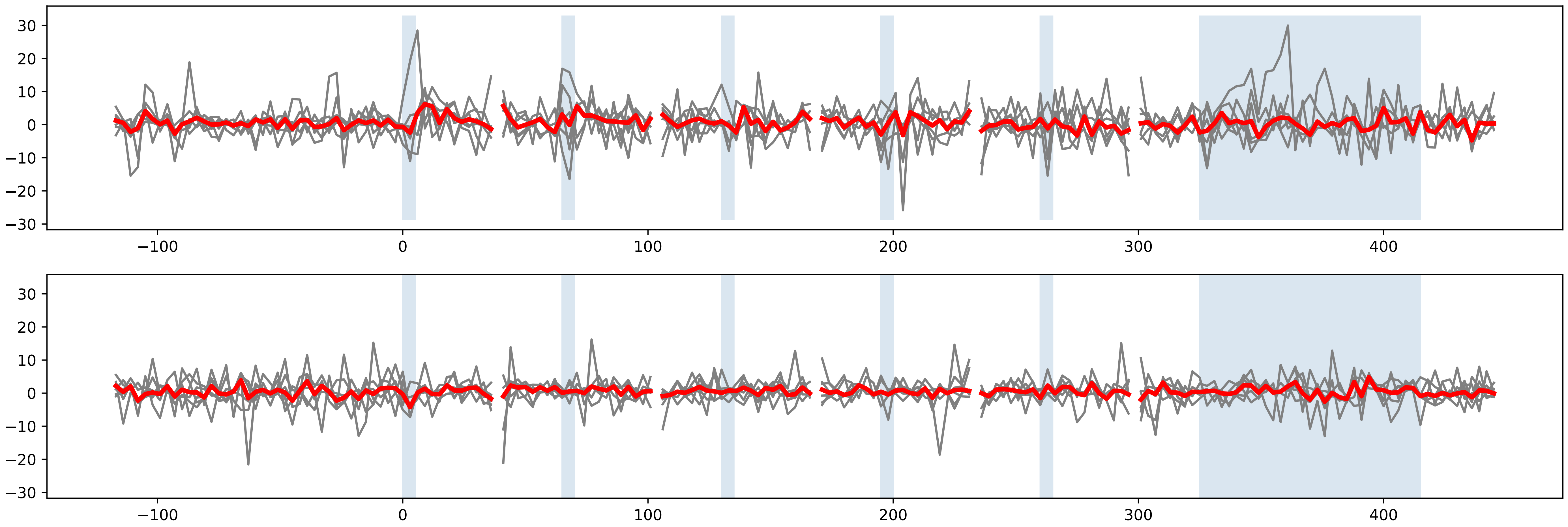


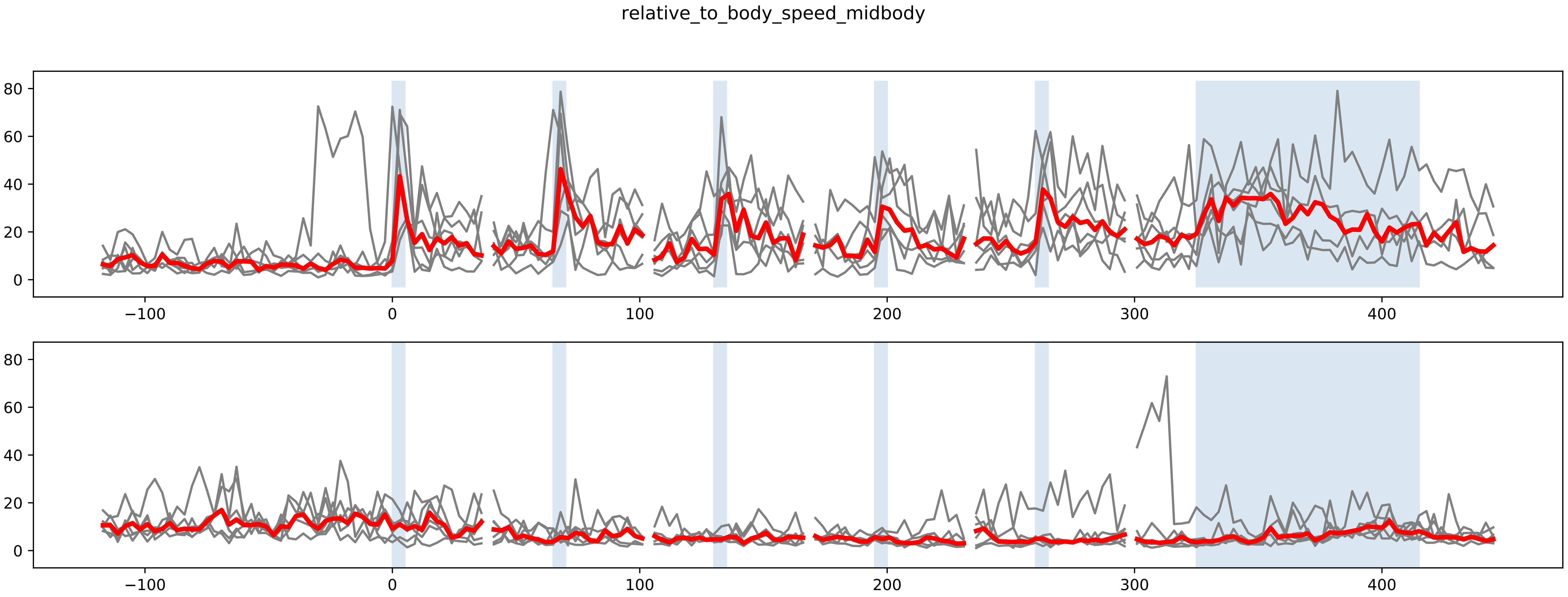

relative_to_body_radial_velocity_hips
20
10
0
−10
−100
0
100
200
300
400
20
10
0
−10
−100
0
100
200
300
400

relative_to_body_radial_velocity_neck

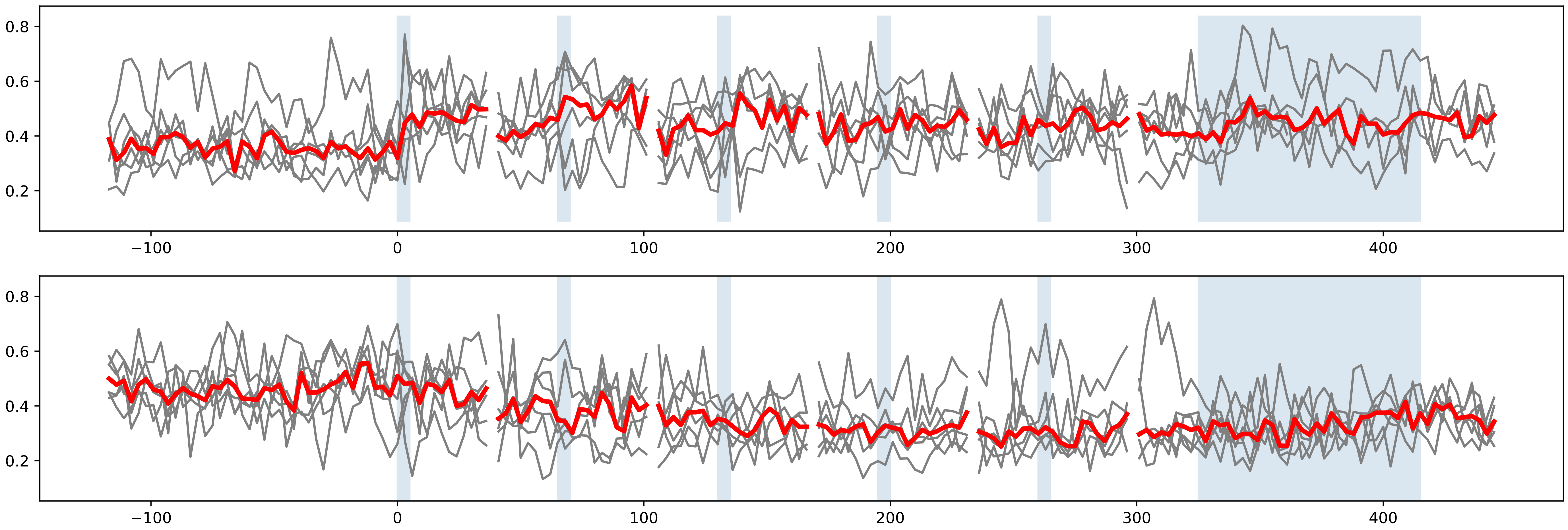


relative_to_body_radial_velocity_tail_tip

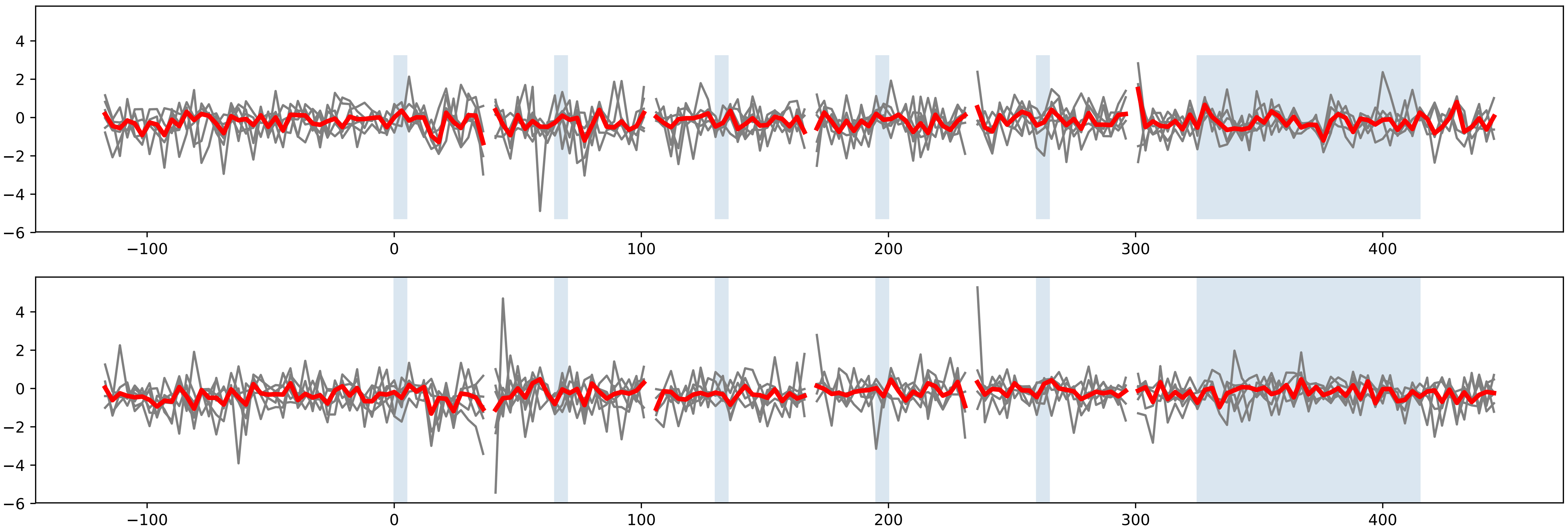



relative_to_body_speed_midbody
80
60
40
20
0
−100
0
100
200
300
400
80
60
40
20
0
−100
0
100
200
300
400

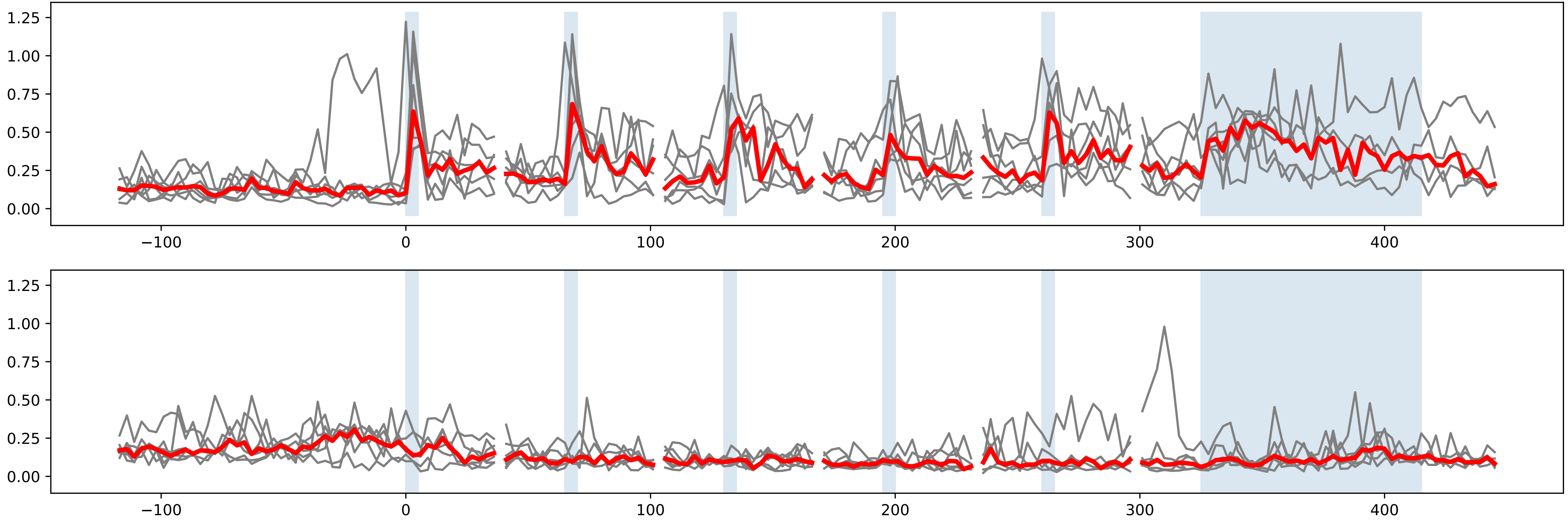
relative_to_head_base_angular_velocity_head_tip



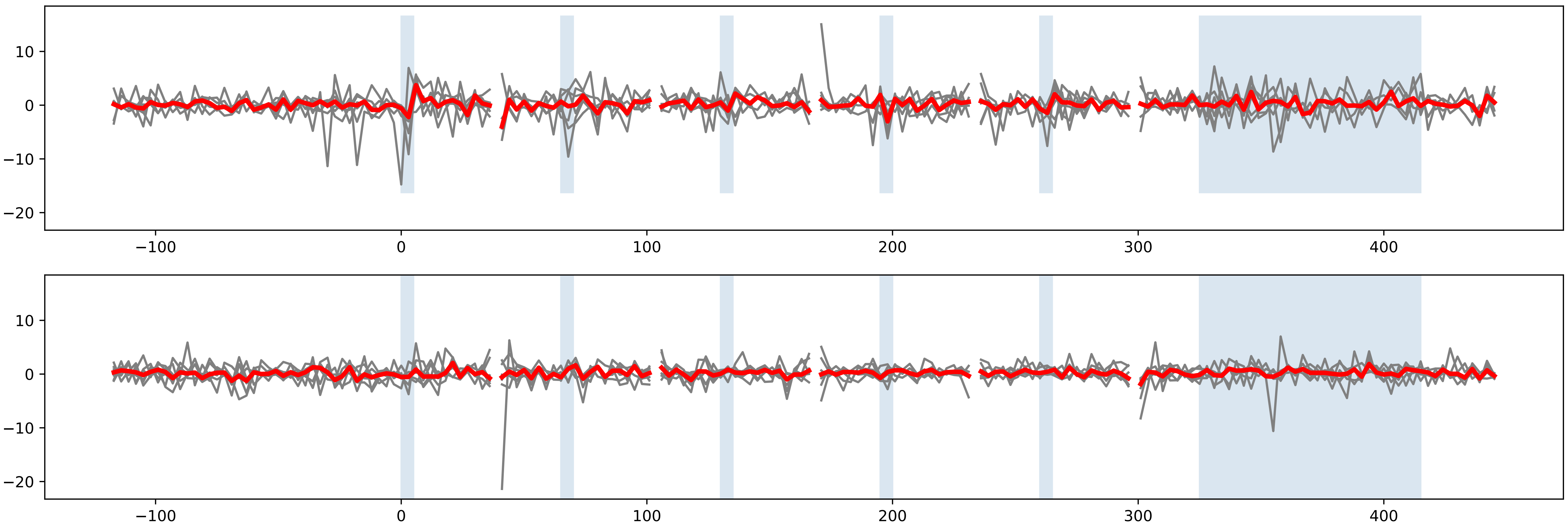
relative_to_head_base_radial_velocity_head_tip



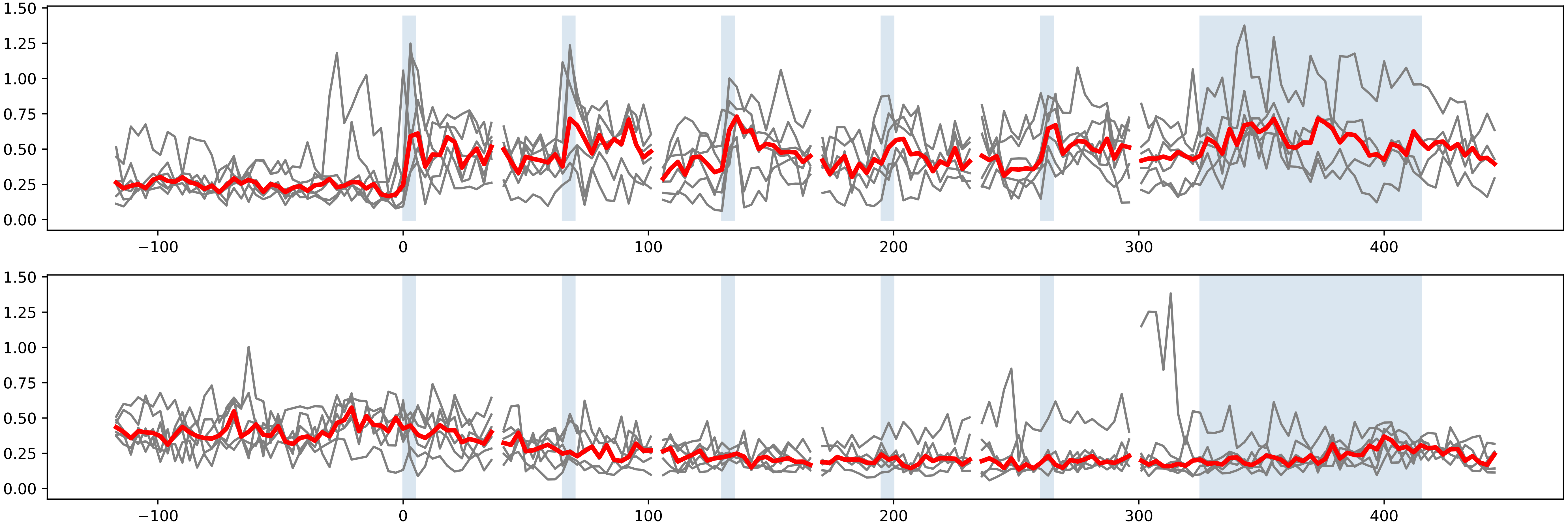
relative_to_hips_angular_velocity_tail_tip



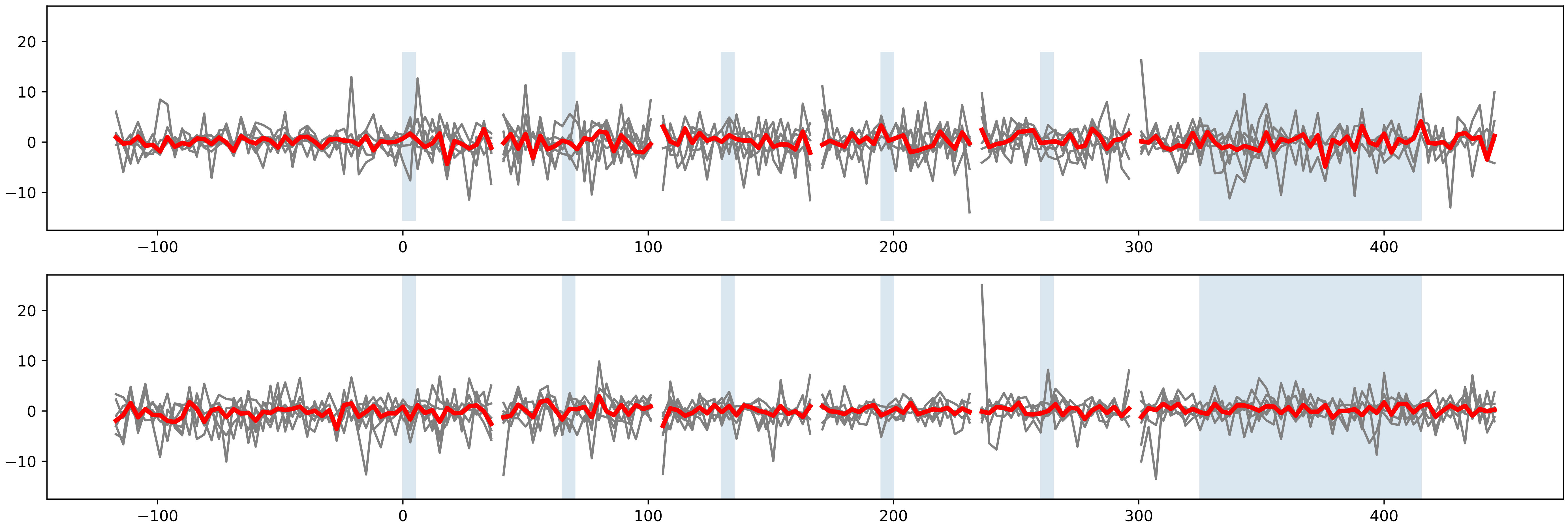
relative_to_hips_radial_velocity_tail_tip



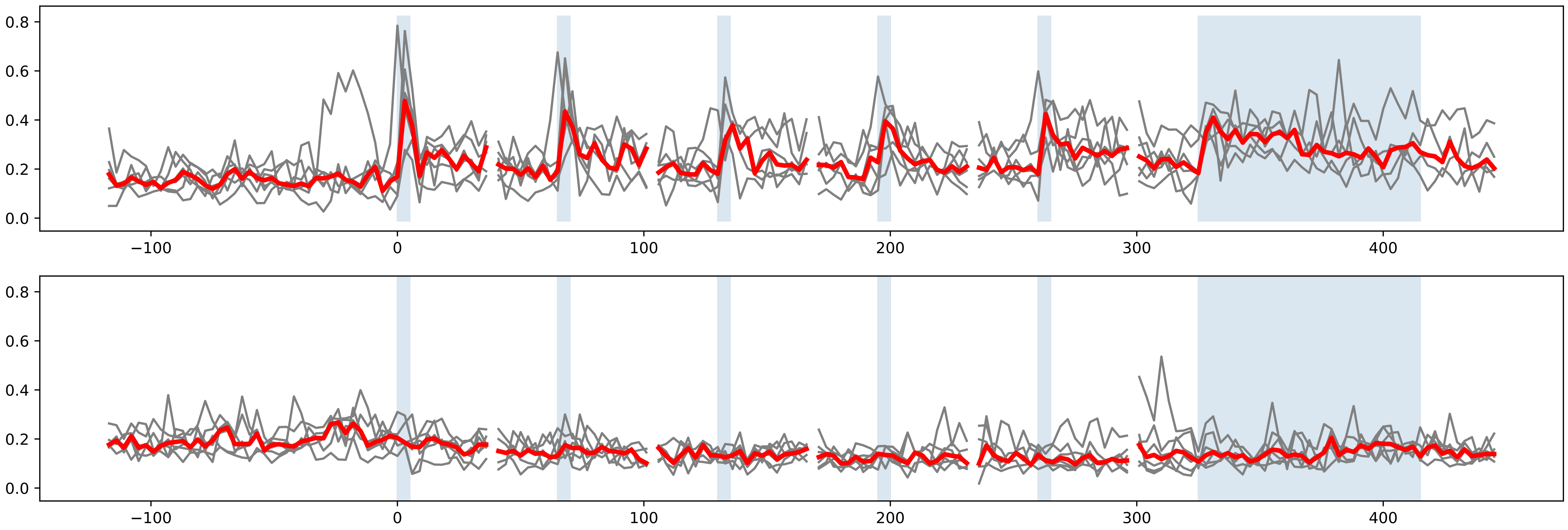
relative_to_neck_angular_velocity_head_tip



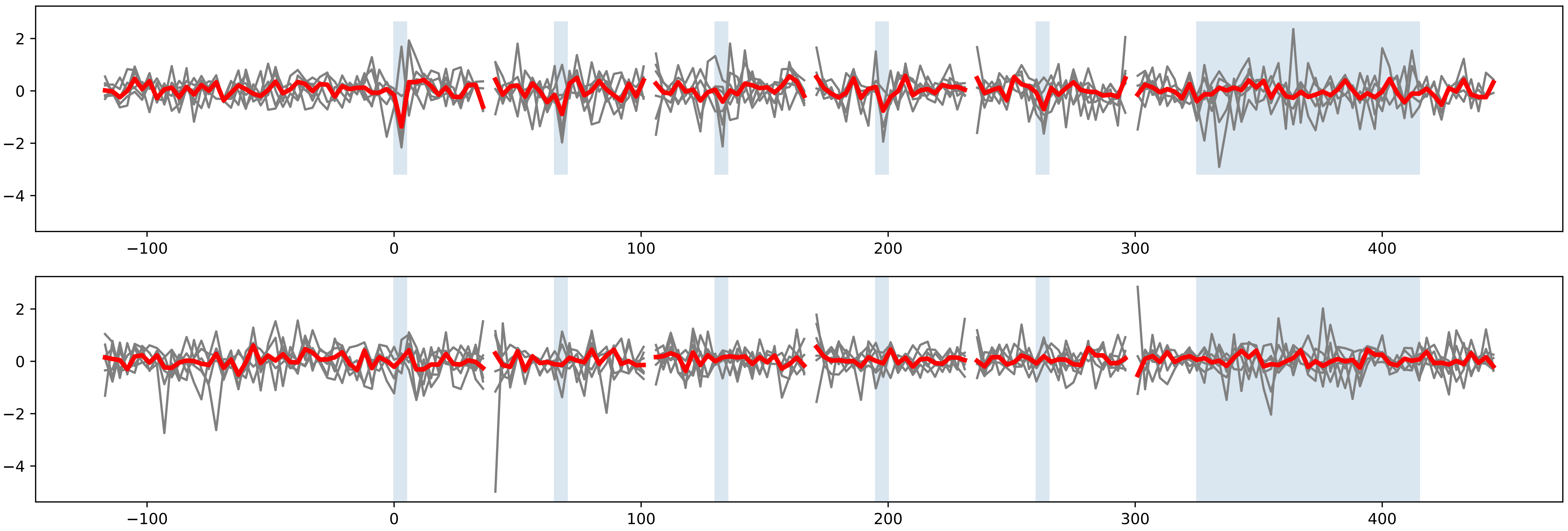
relative_to_neck_radial_velocity_head_tip



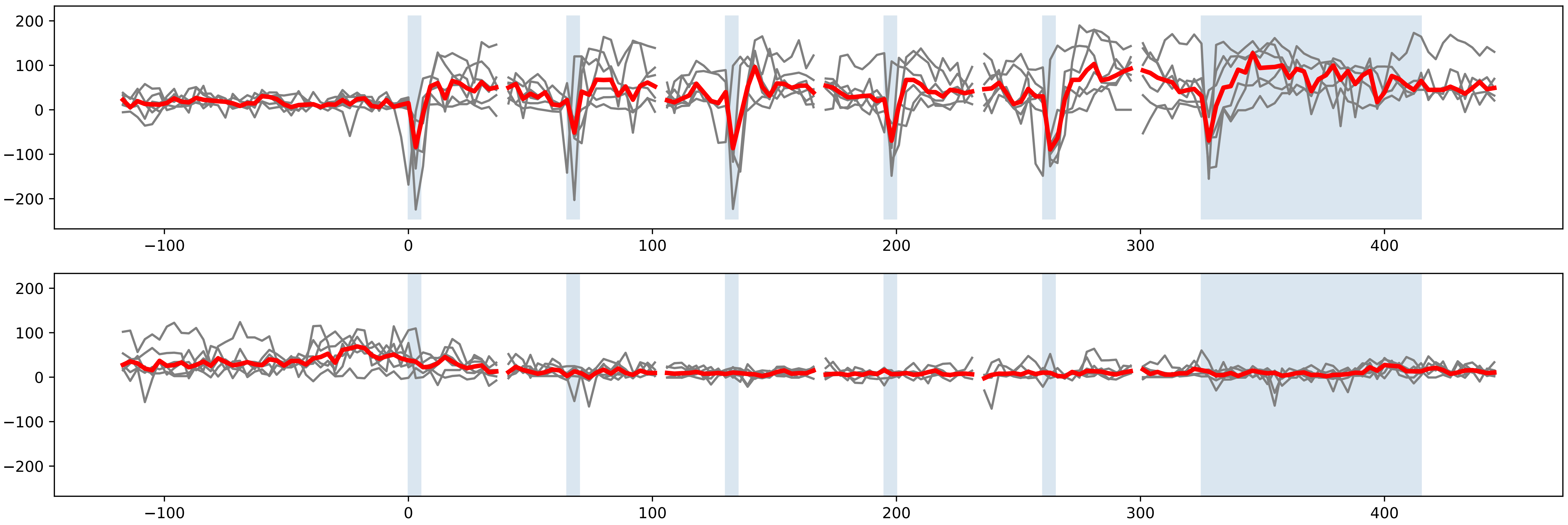
relative_to_tail_base_angular_velocity_tail_tip



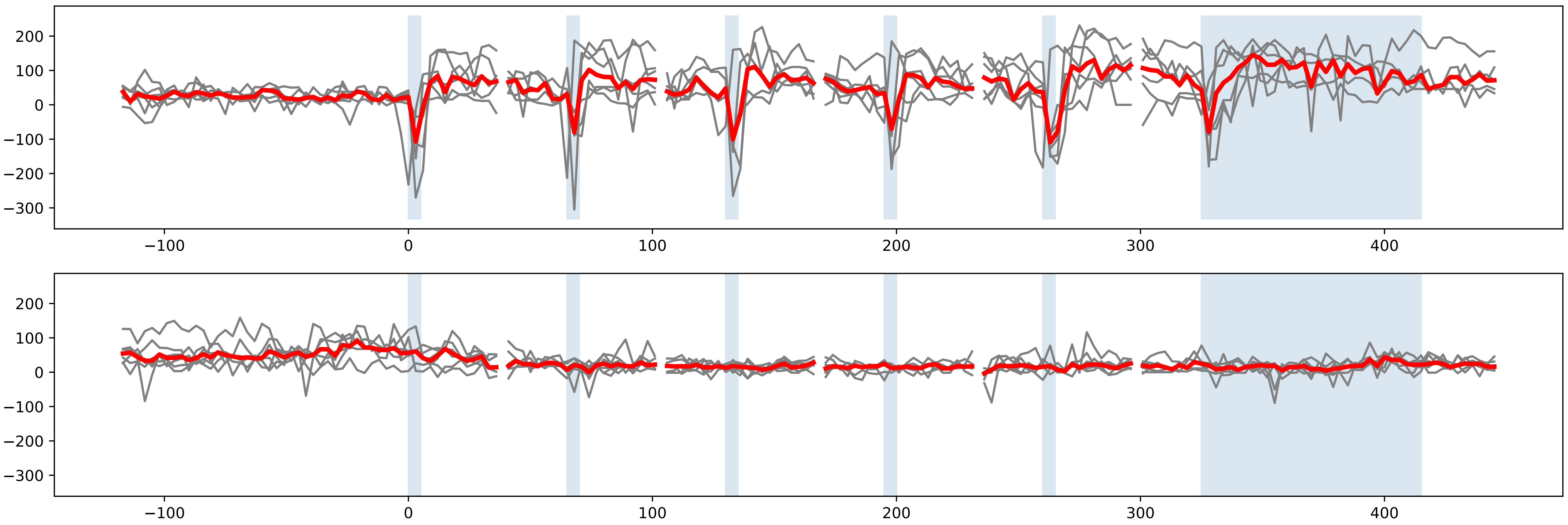
relative_to_tail_base_radial_velocity_tail_tip

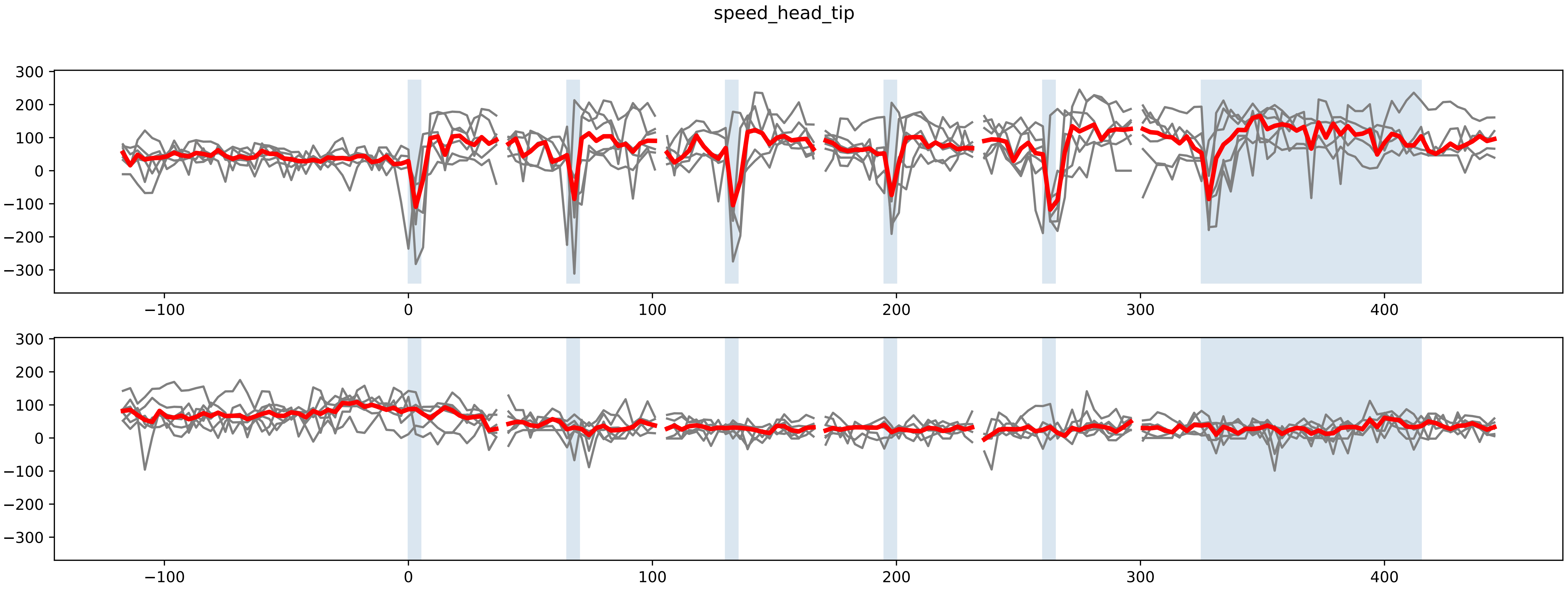


speed

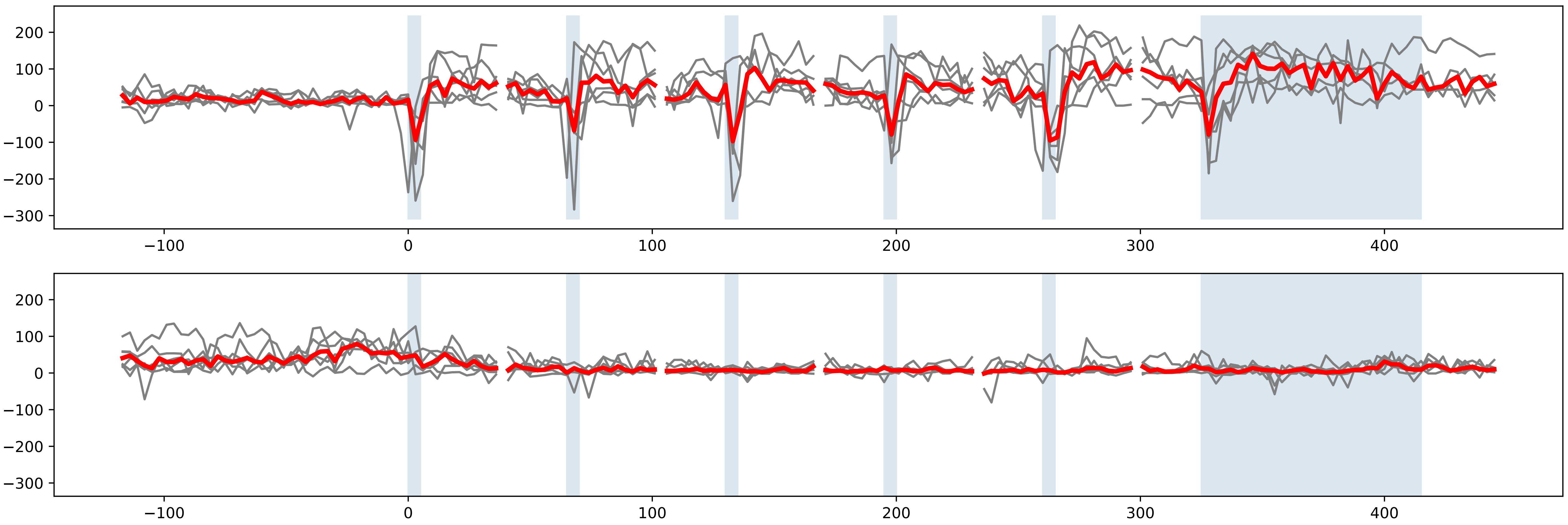

200
100
0
−100
−200
−100
0
100
200
300
400
200
100
0
−100
−200
−100
0
100
200
300
400

speed_head_base




speed_head_tip
300
200
100
0
−100
−200
−300
−100
0
100
200
300
400
300
200
100
0
−100
−200
−300
−100
0
100
200
300
400

speed_hips



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−100
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−100
0
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400
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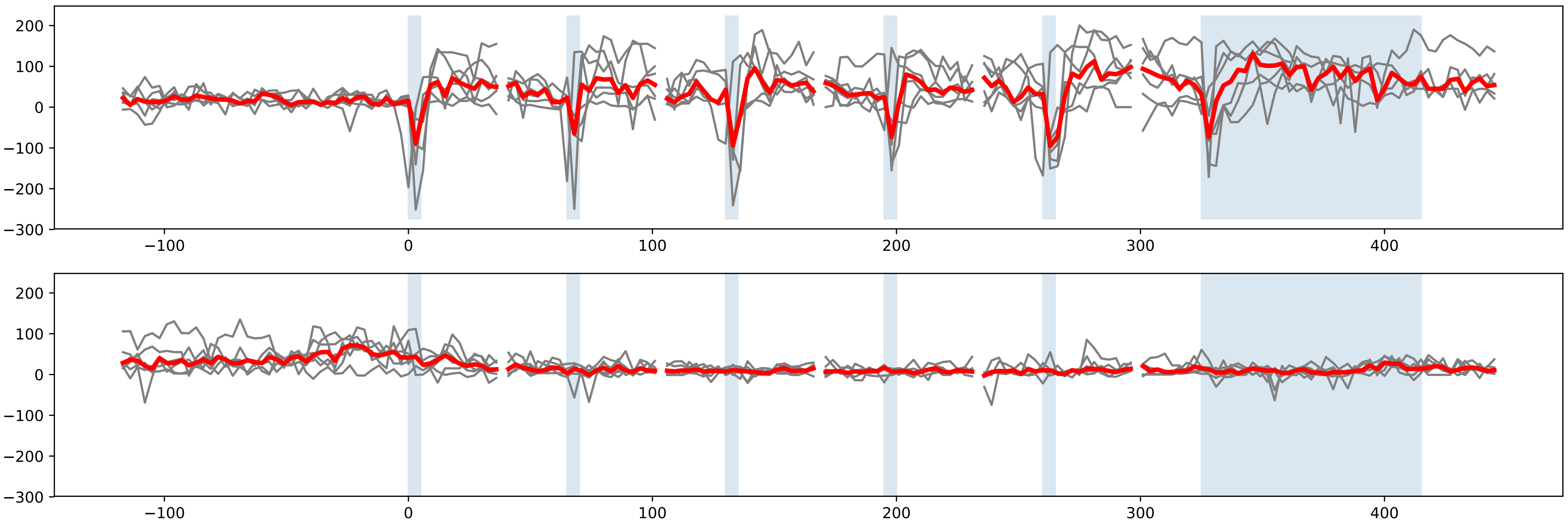
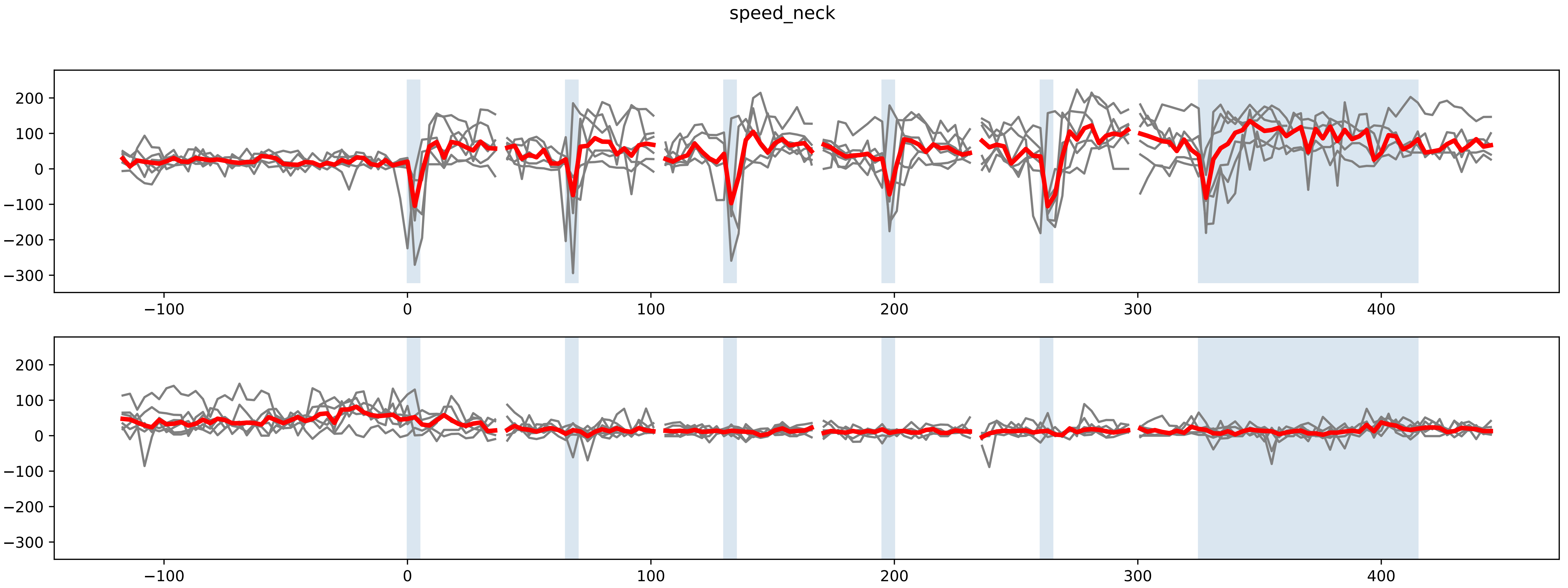
−100
−200
−300
−100
0
100
200
300
400

speed_midbody




speed_neck
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200
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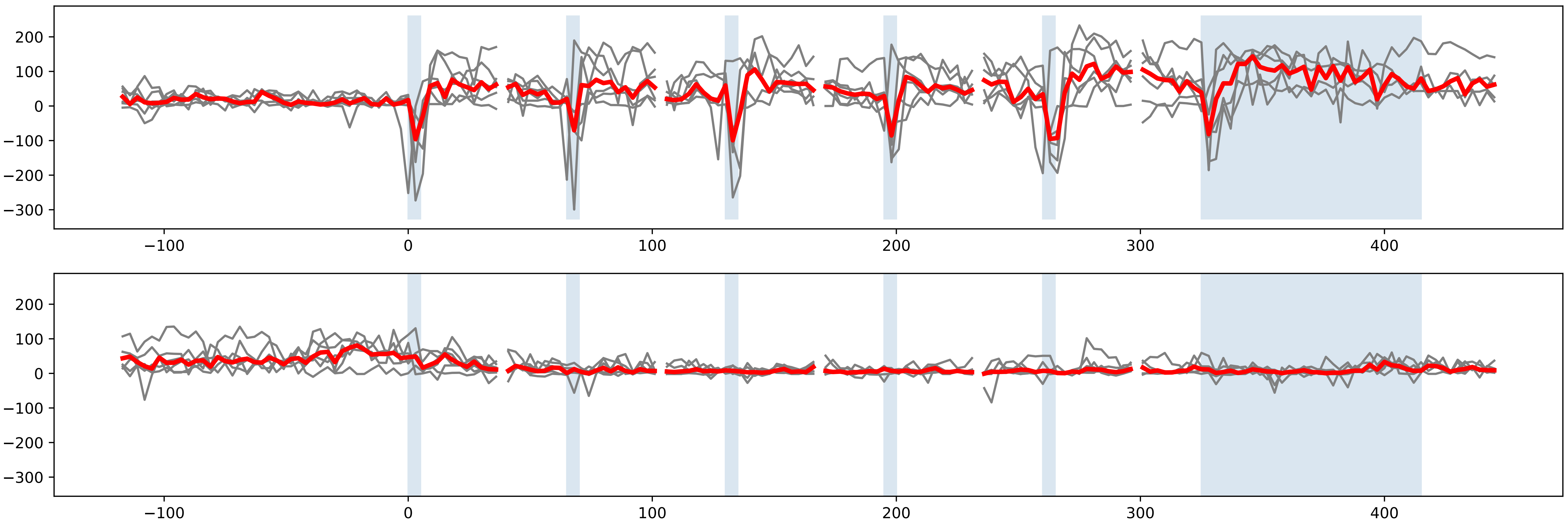
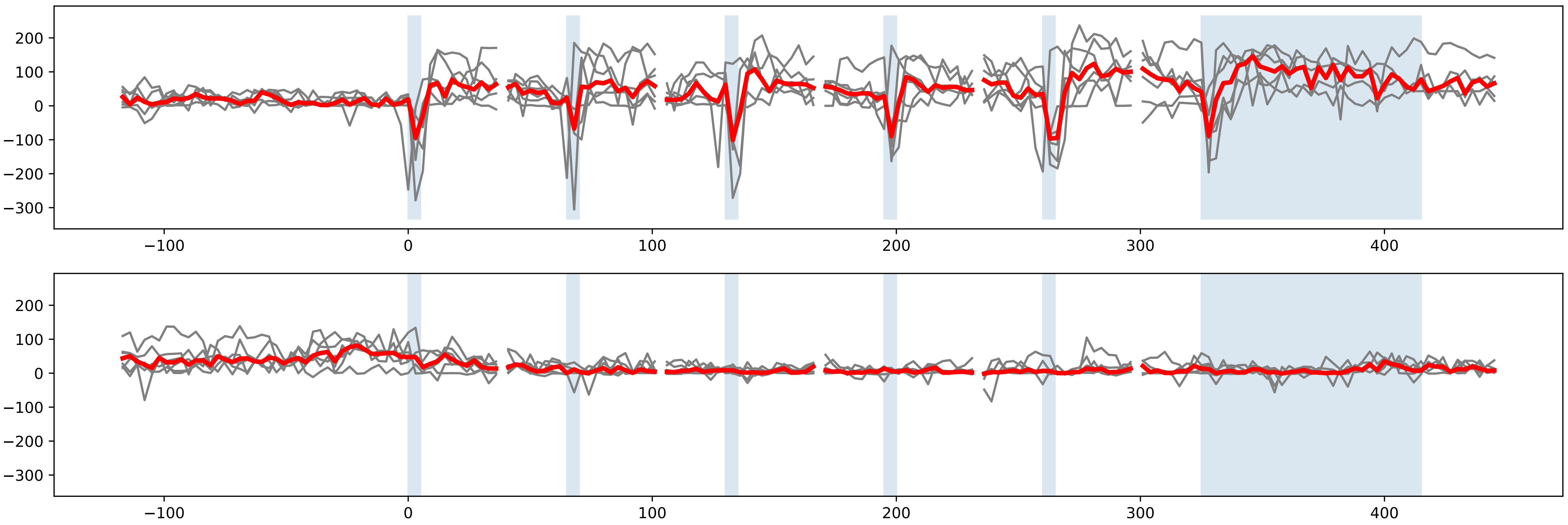
−100
0
100
200
300
400

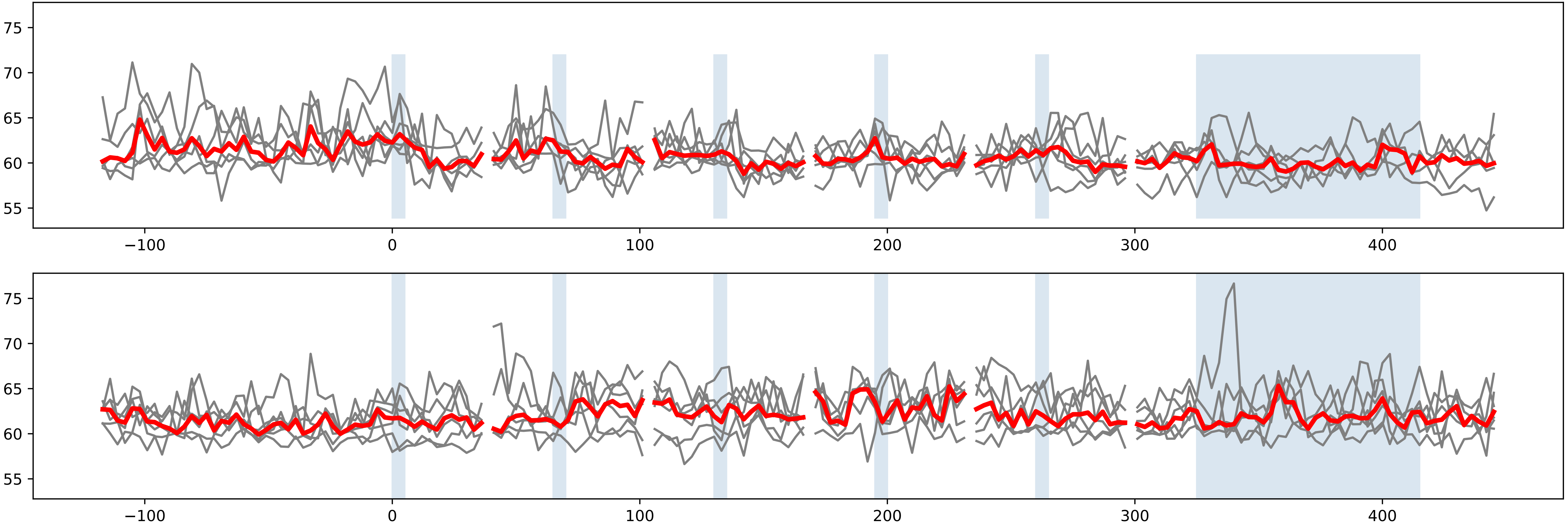
speed_tail_base



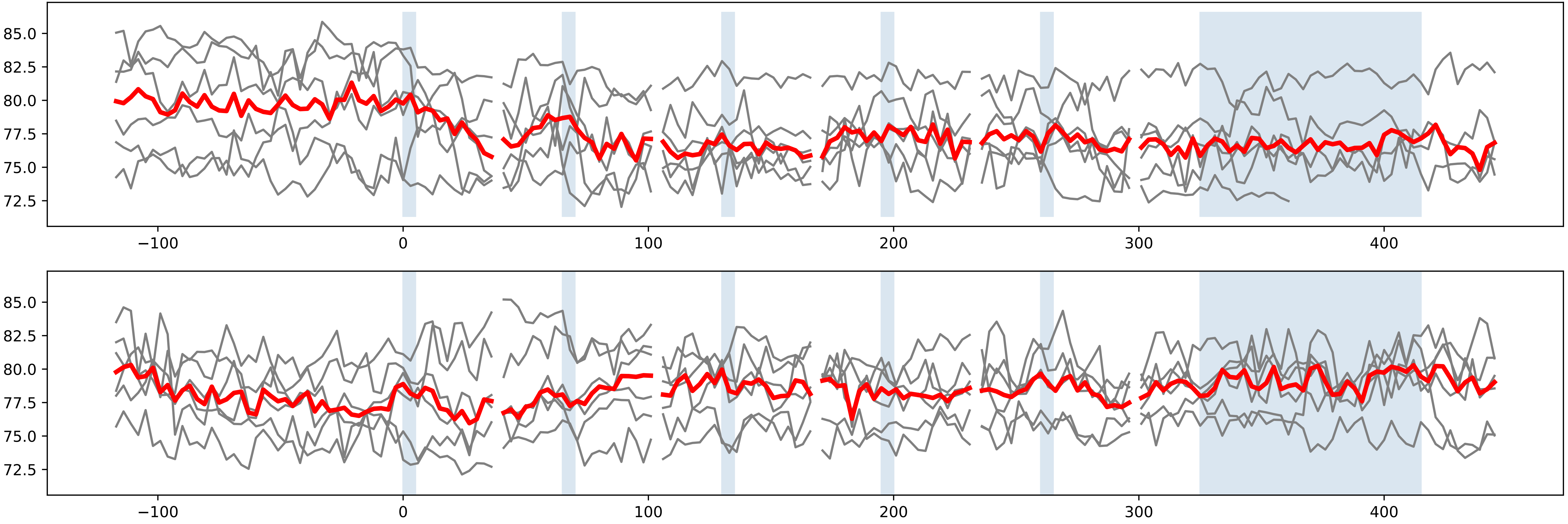
speed_tail_tip

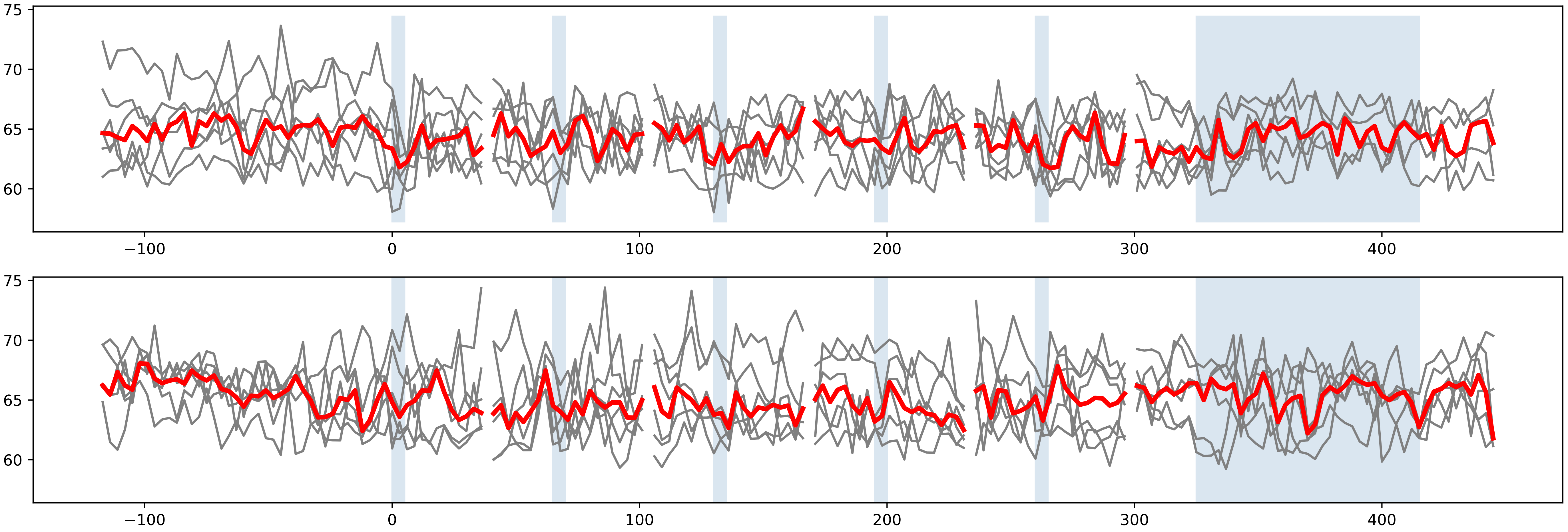


width_head_base



width_midbody



width_tail_base