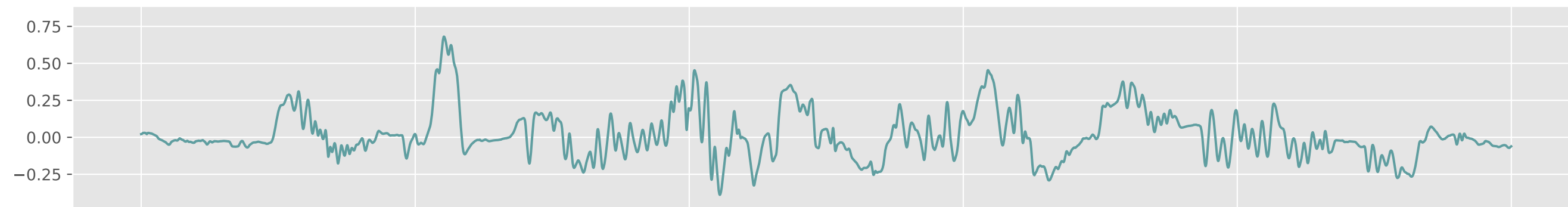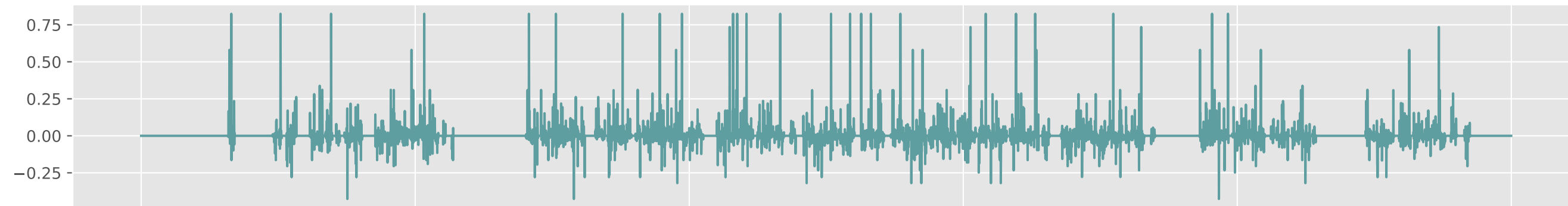Test case 2, comparison on dimention 2

Actual motion data

Raw prediction

Smoothed prediction