

A Appendix

A.1 Details of Grayscale representation in preliminary study

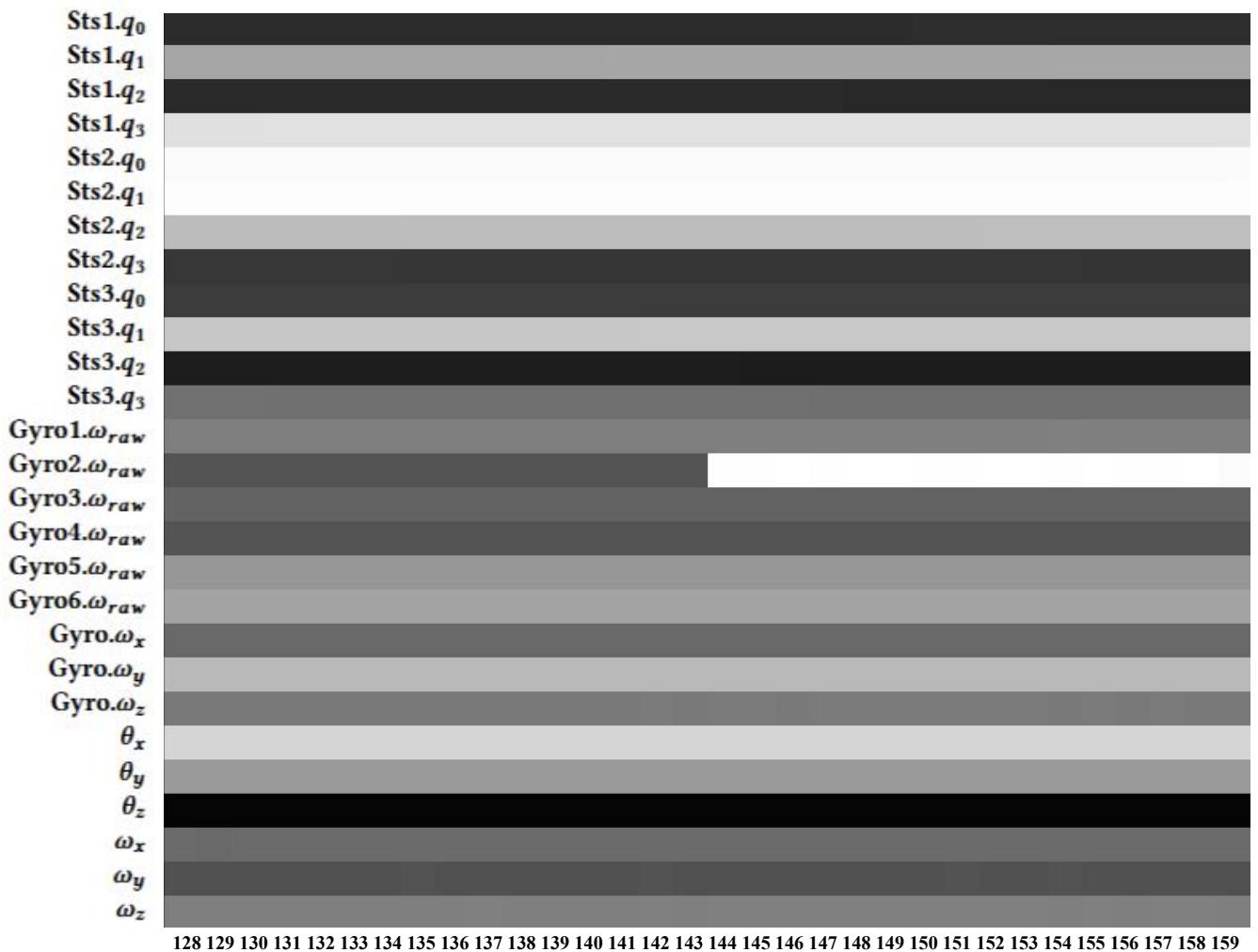


Figure 1: Grayscale representation of all variables (Window 5: 128s~159s)

A.2 Time-varying features (Window 6: 160s~191s)

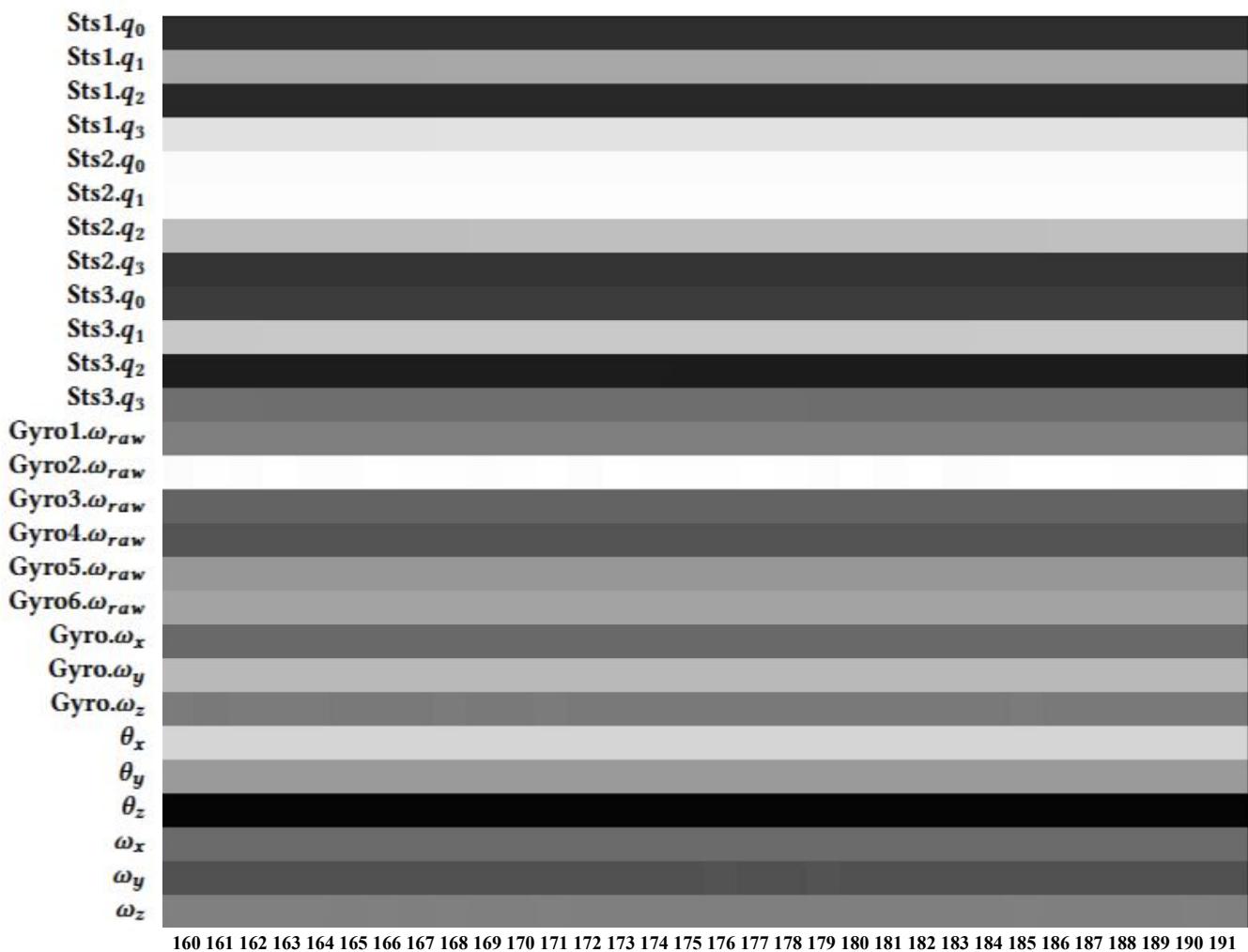


Figure 2: Original Observed Window

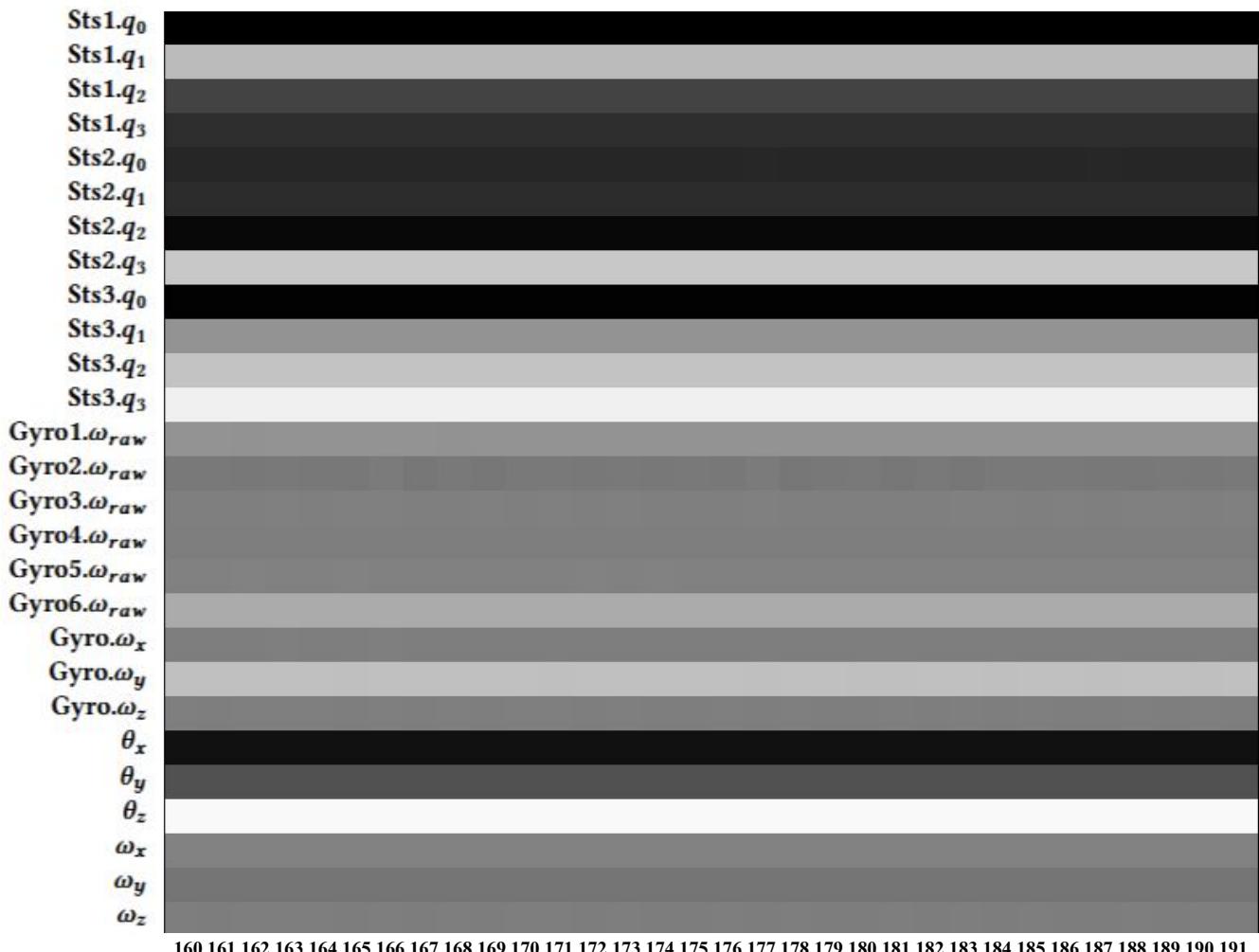


Figure 3: First-order Difference Window

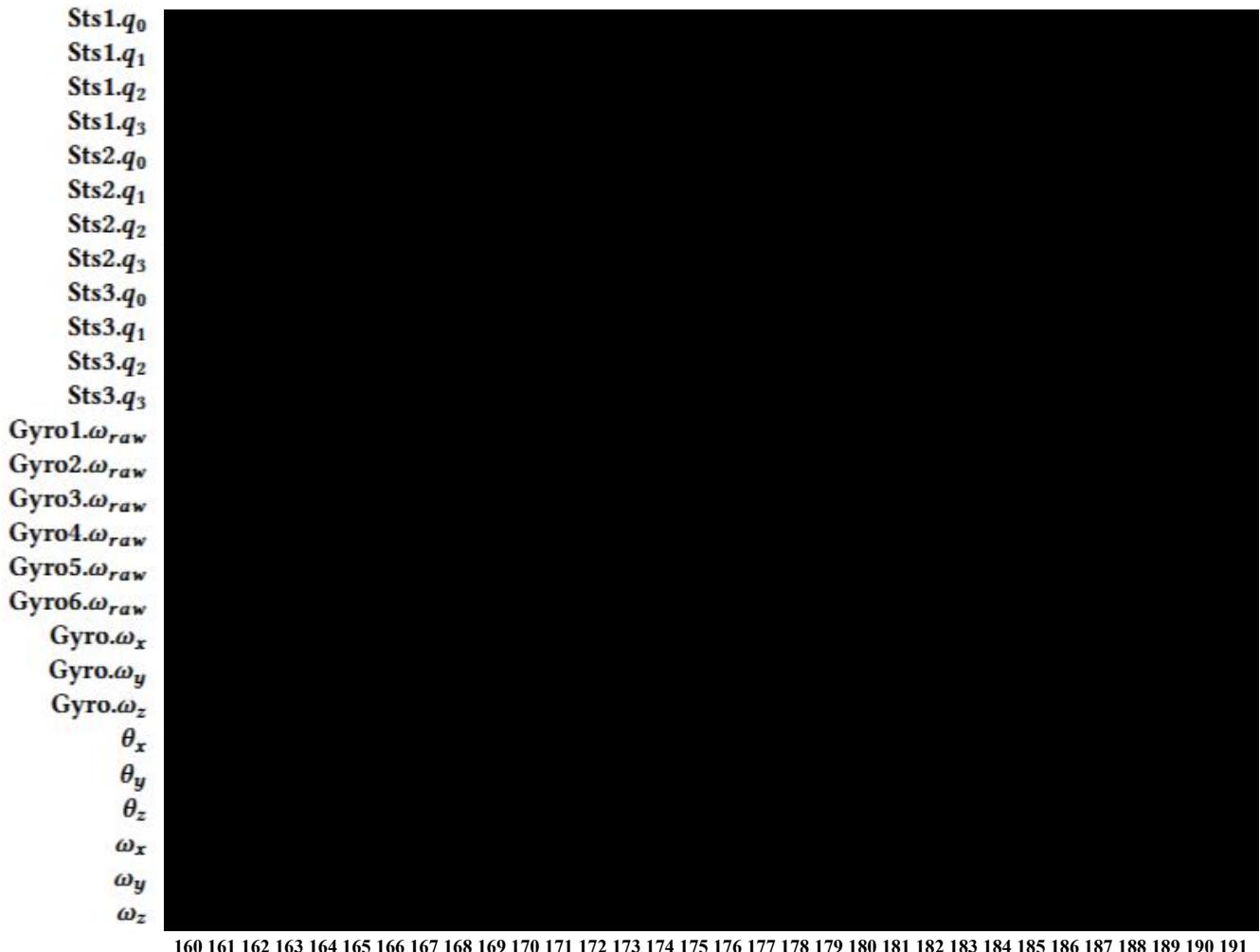


Figure 4: Rolling Variance Window

A.3 residual graph before and after soft-thresholding (Window 6: 160s~191s)

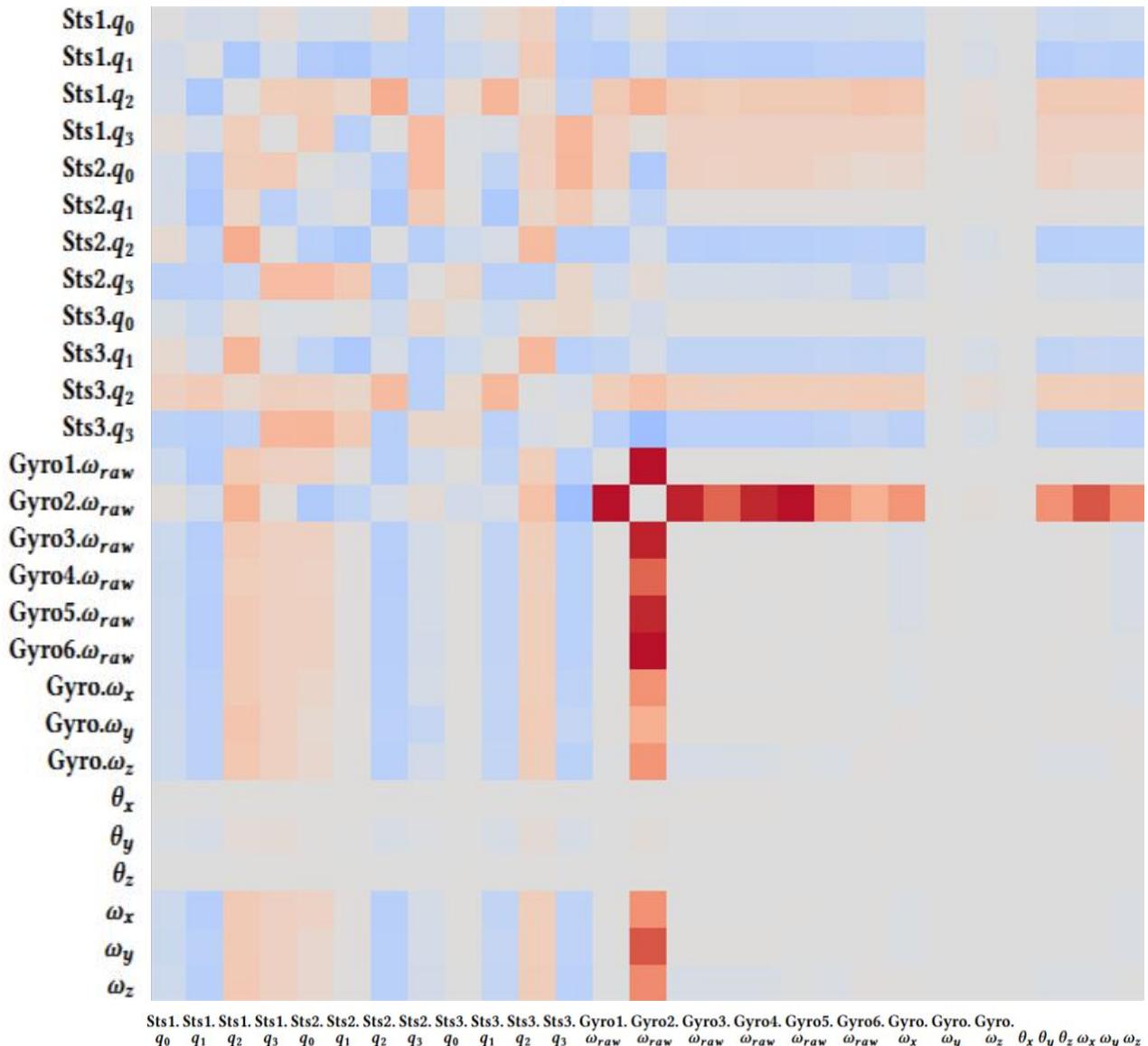


Figure 5: Before soft-thresholding

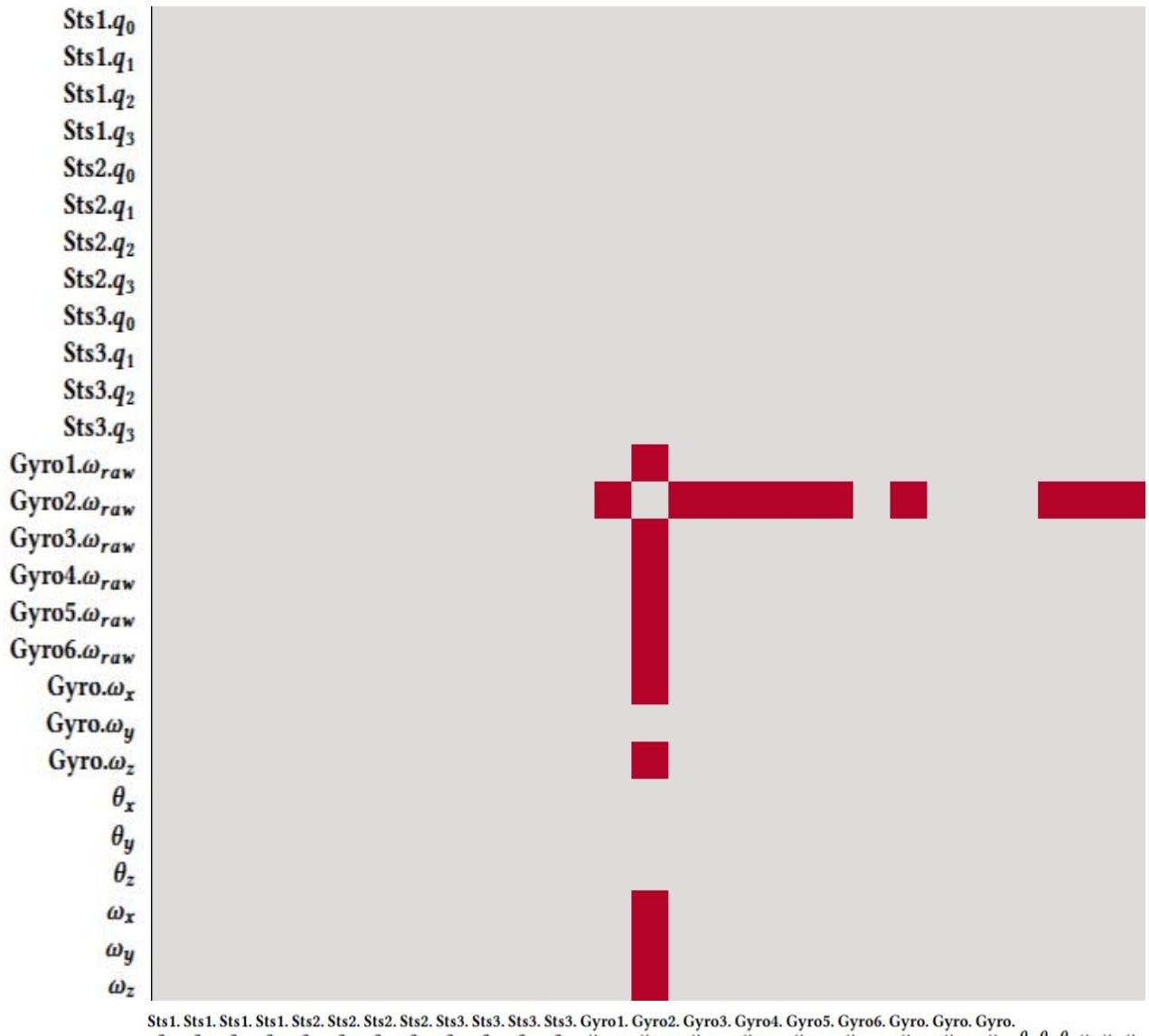


Figure 6: After soft-thresholding