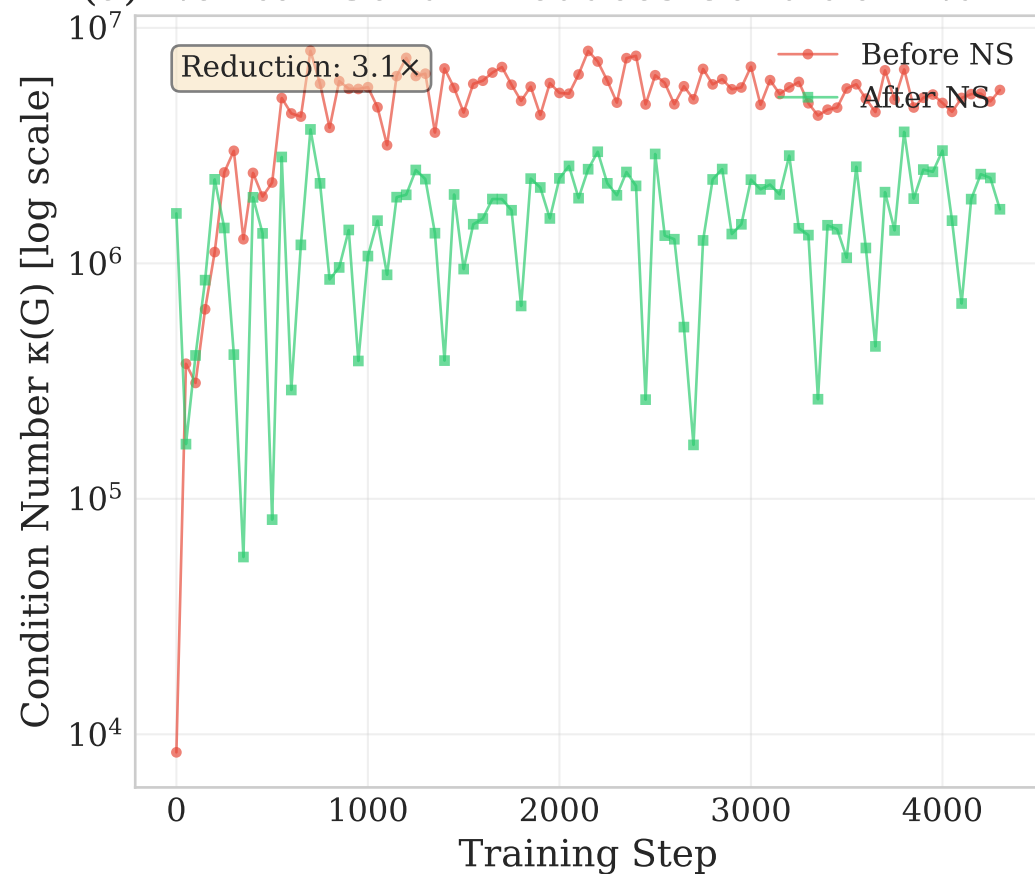
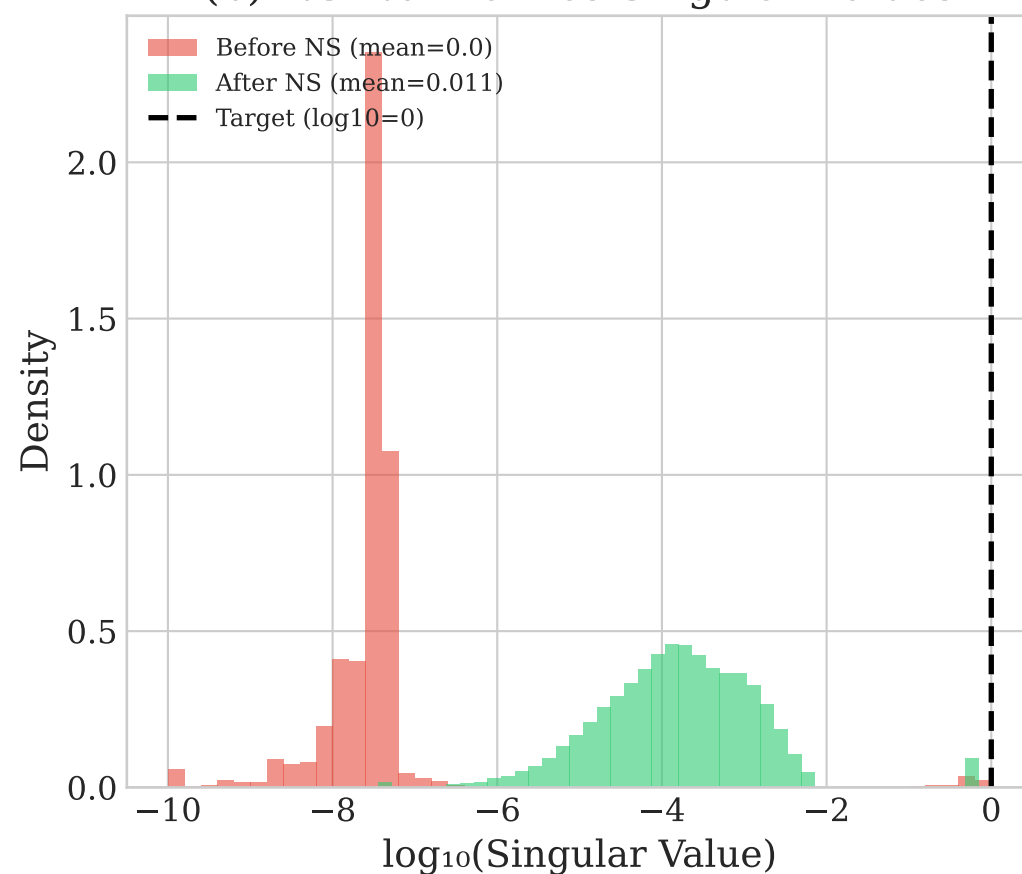


Muon Analysis: Real Training on HAR Task

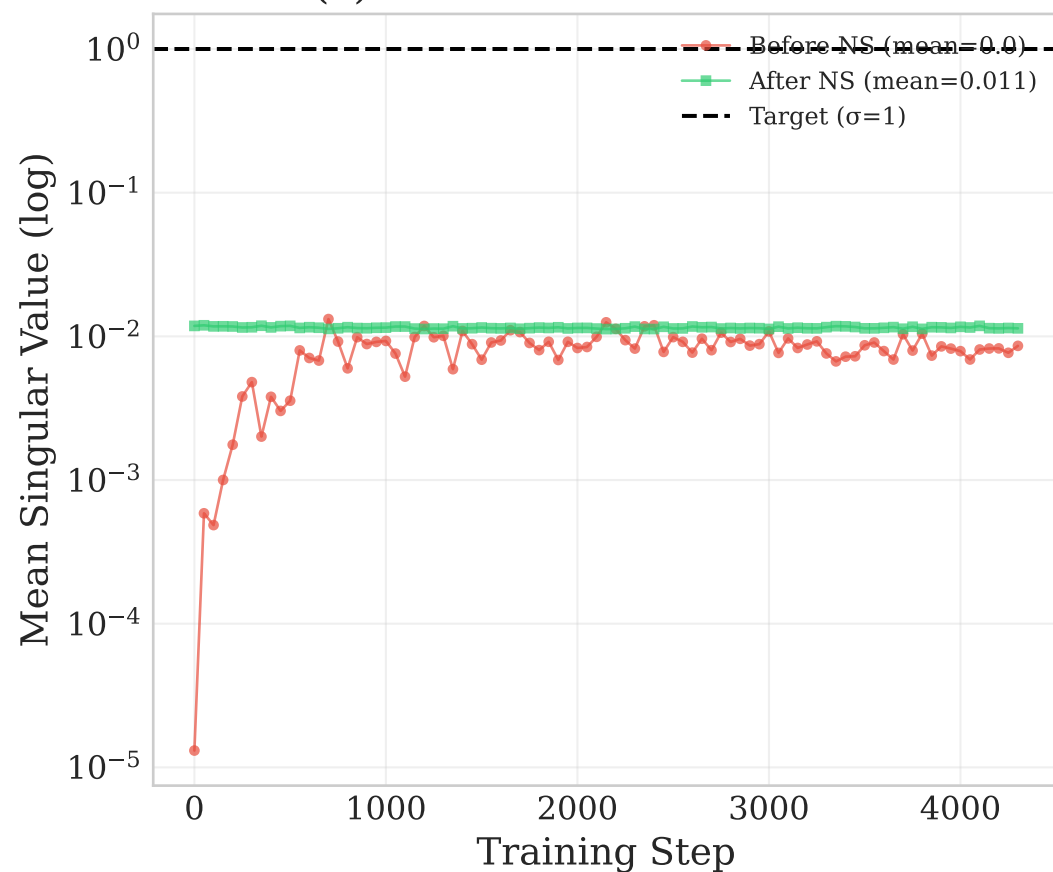
(a) Newton-Schulz Reduces Condition Number



(b) NS Normalizes Singular Values



(c) NS Normalizes to $\sigma \approx 1$



(d) Training Progress

