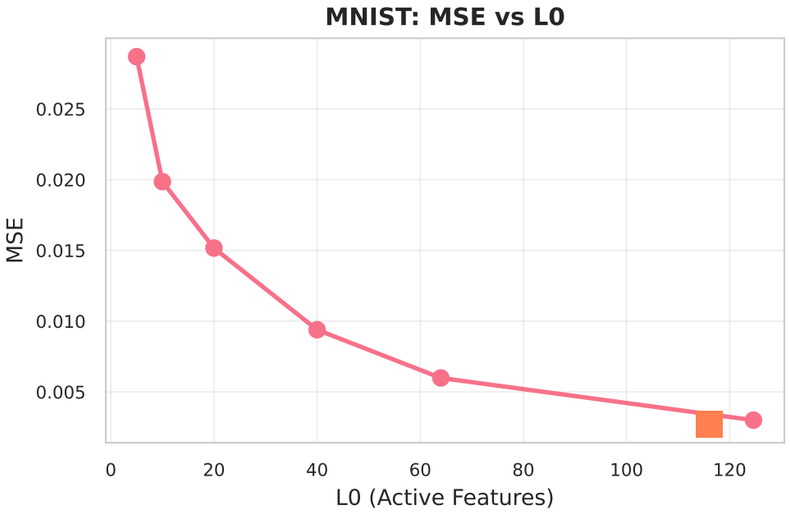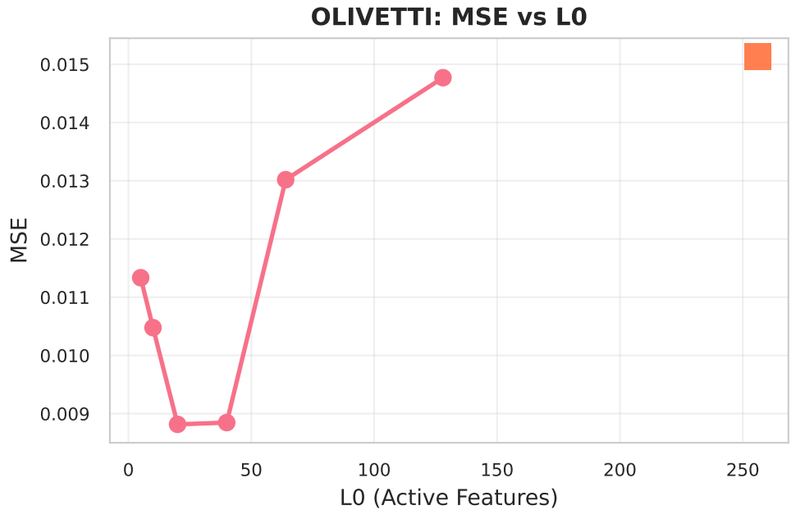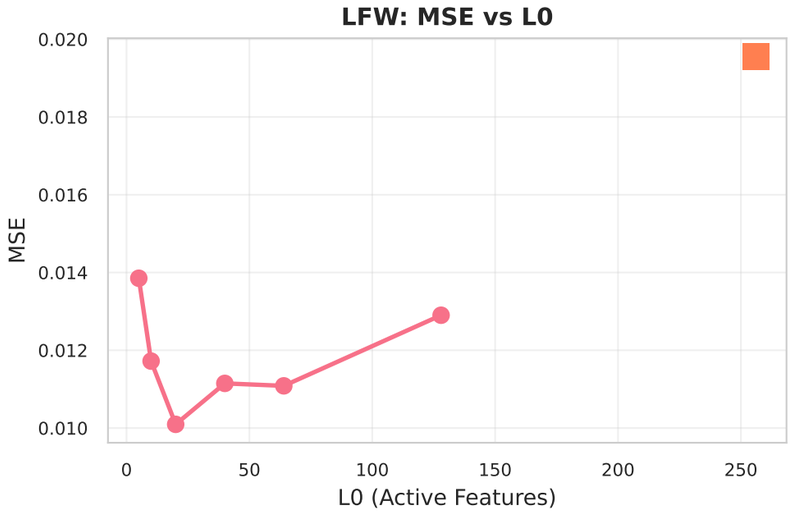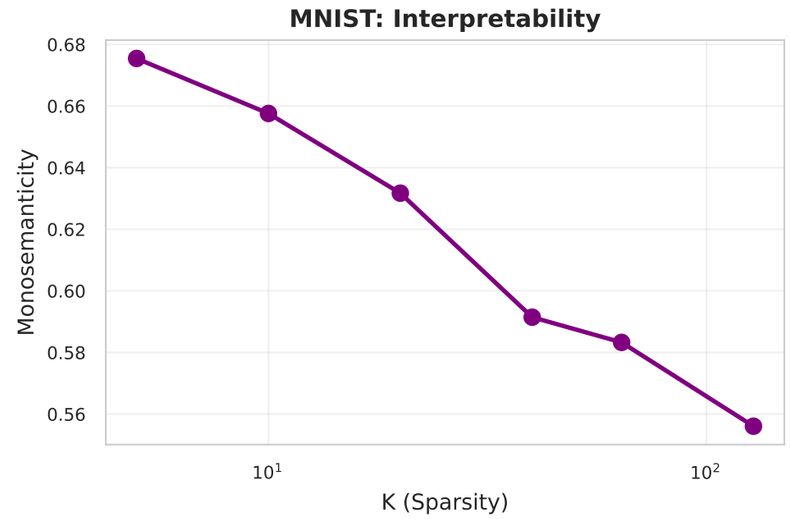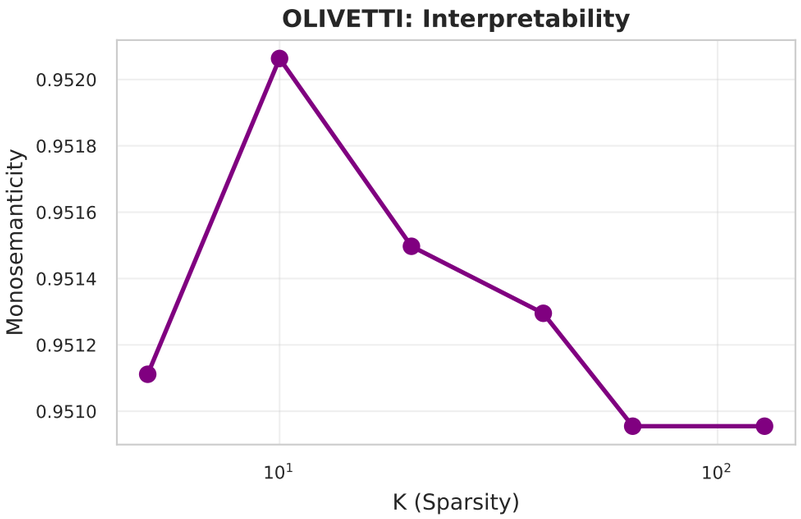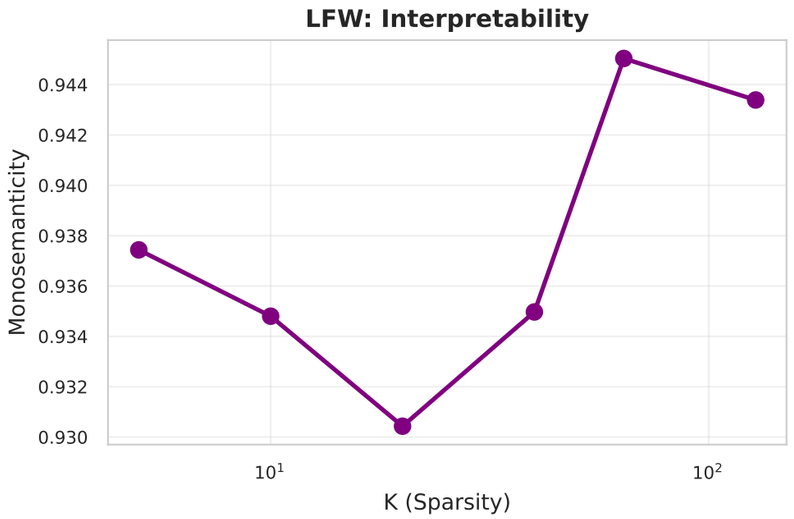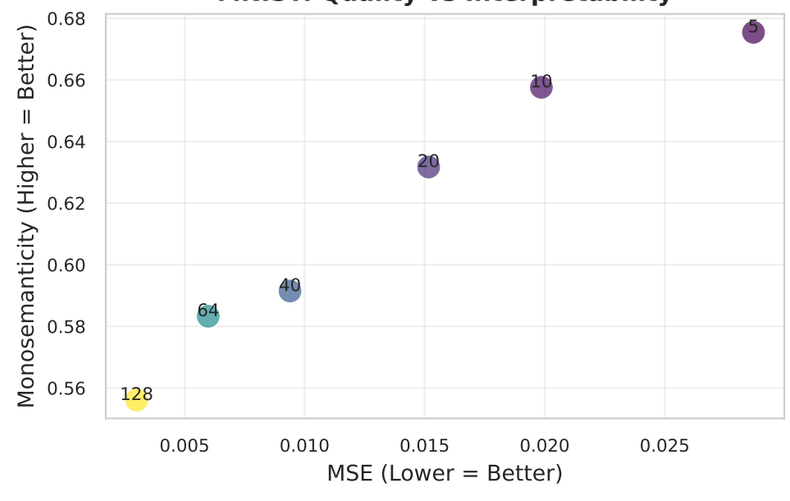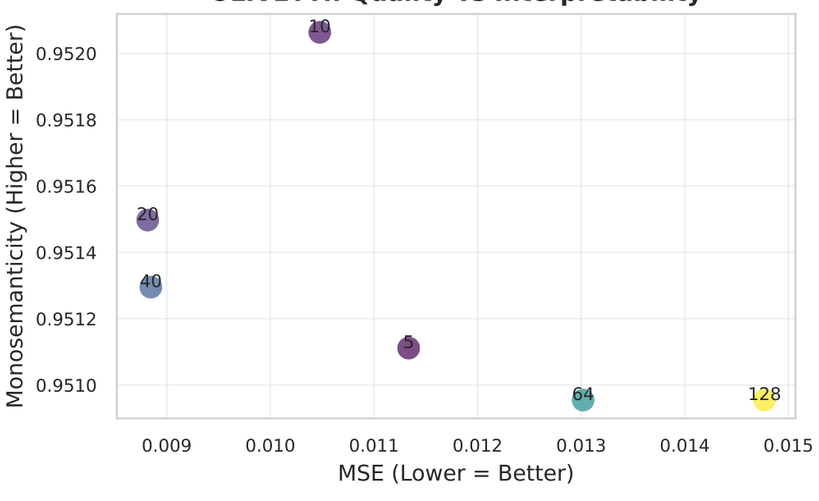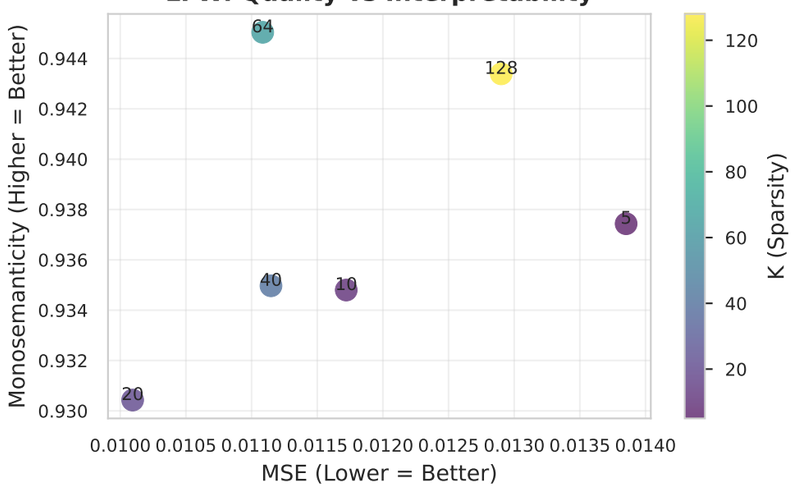Effect of K on Reconstruction and Interpretability