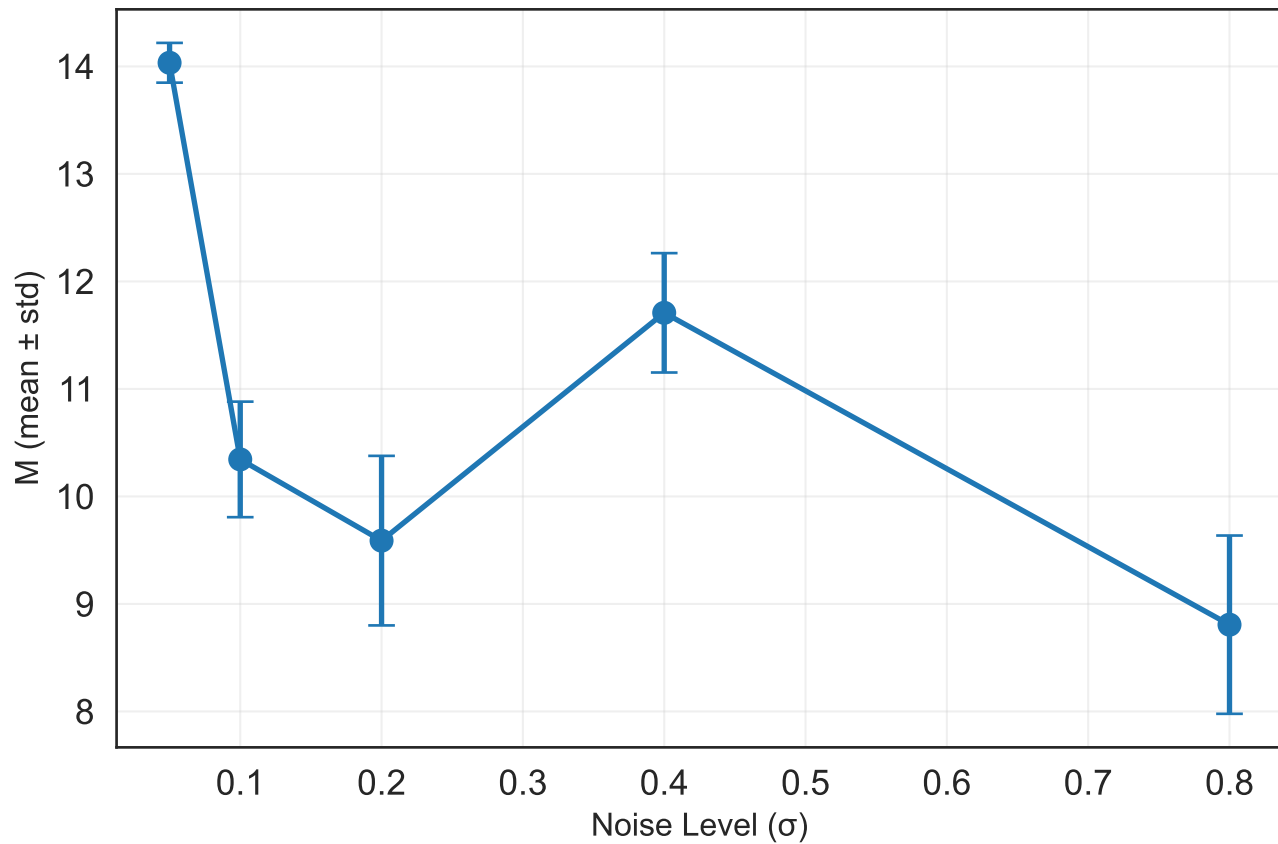Occam's Razor: Posterior M vs Noise Level

Sampling Efficiency vs Noise Level