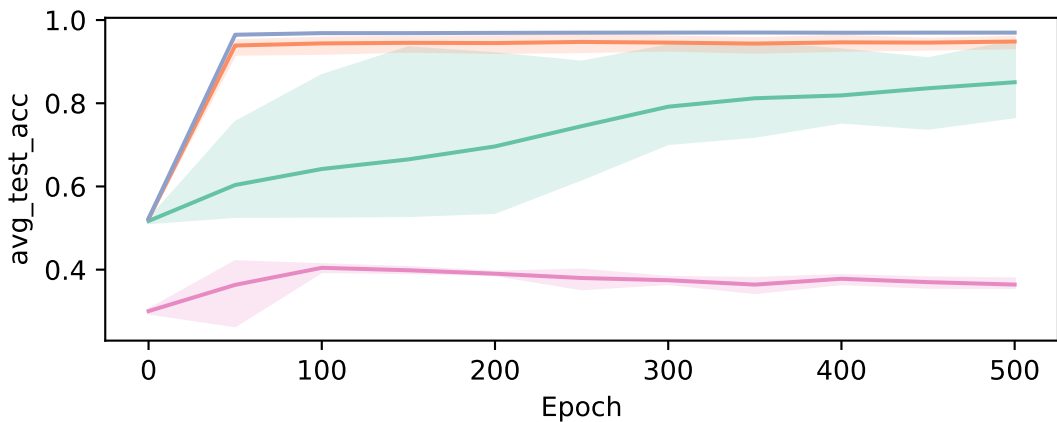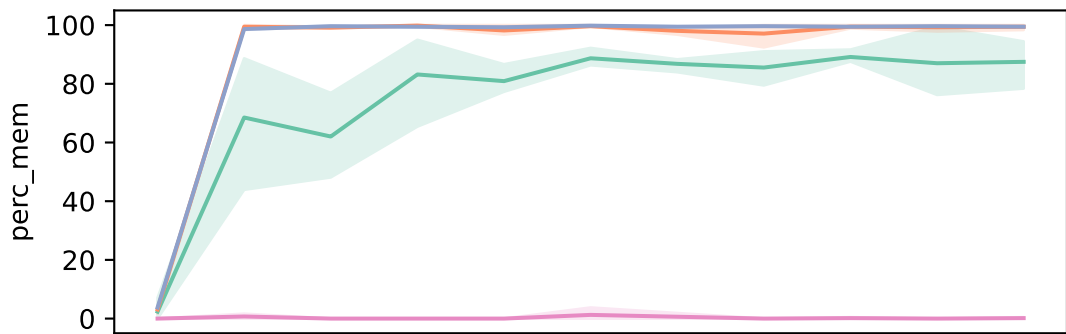Math BD Regularization