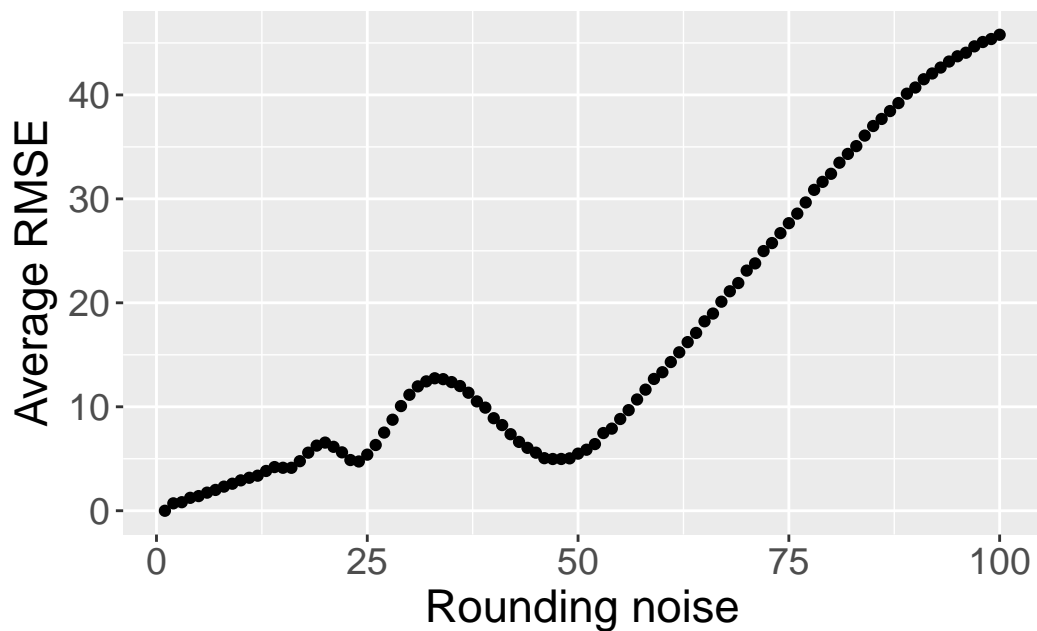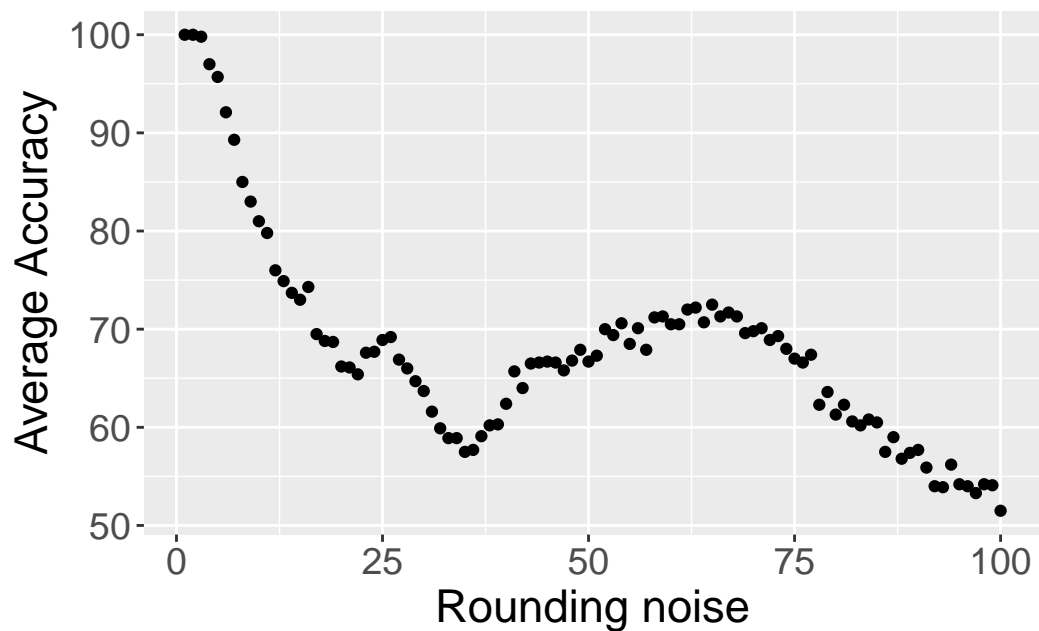Average RMSE dependent on Rounding noise

Average accuracy of reconstruction dependent on Rounding noise

Average accuracy vs. Average RMSE for Rounding noise