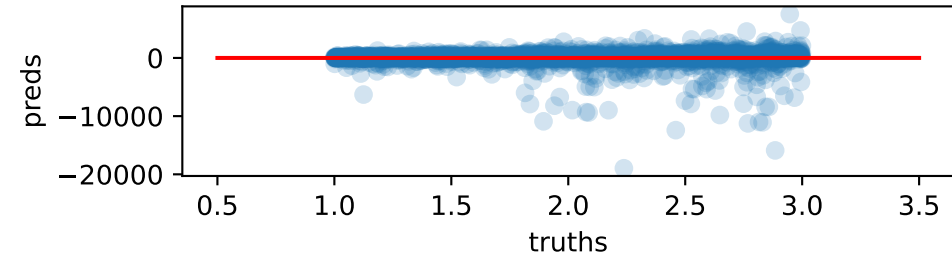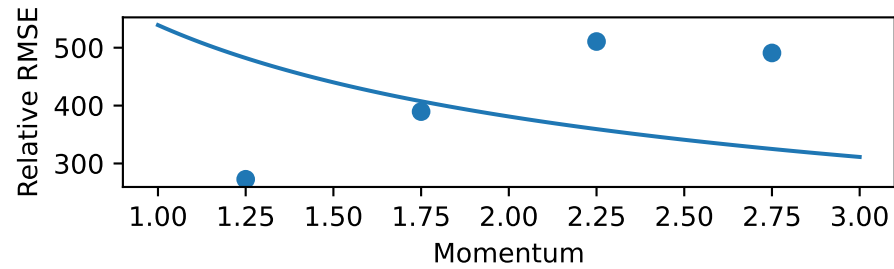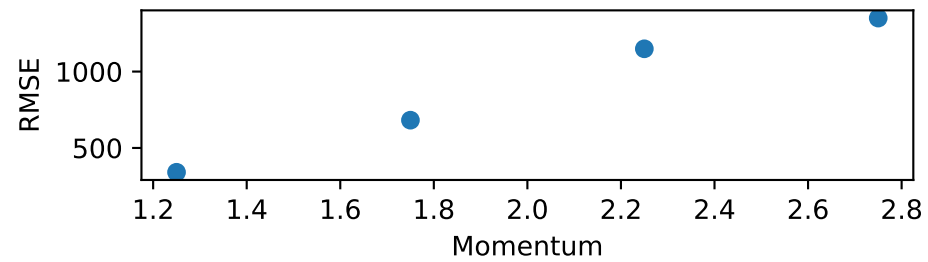35k events, hdim = 6, lr = 0.001