

SignSGD no noise $(10, n^{-1.1})$ -DP-SignSGD momentum 0.9 lr = $\frac{1}{10\sqrt{d}T^{1/5}}$ Lévy $(10, n^{-1.1})$ -DP-SignSGD no noise dyn lr = $\frac{1}{10\sqrt{d}T^{1/5}}$ Lévy $(10, n^{-1.1})$ -DP-SignSGD momentum 0.6 lr = $\frac{1}{10\sqrt{d}T^{1/5}}$ Lévy