

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