summary of tradeoffs for (ϵ, δ)-unlearning					
method	loss function properties	unlearning	accuracy	iterations for ith update	baseline iterations
PGD	SC, smooth	strong (Thm. 9)	$\frac{de^{-\mathcal{I}}}{\epsilon^2 n^2}$	$\mathcal{I}$	$\mathcal{I} + \log\left(\frac{\epsilon n}{\sqrt{d}}\right)$
	SC, smooth	strong, perfect (Thm. 28)	$\frac{de^{-\mathcal{I}}}{\epsilon^2 n^2}$	$\log i \cdot \mathcal{I}$ $\mathcal{I} \geq \log(d/\epsilon)$	$\mathcal{I} + \log\left(\frac{\epsilon n}{\sqrt{d}}\right)$
Regularized PGD	C, smooth	strong (Thm. 10)	$\left(\frac{\sqrt{d}}{\epsilon n \mathcal{I}}\right)^{\frac{2}{5}}$	$\mathcal{I}$	$\left(\frac{\epsilon n \mathcal{I}}{\sqrt{d}}\right)^{\frac{2}{5}}$
	C, smooth	weak (Thm. 30)	$\sqrt{\frac{\sqrt{d}}{\epsilon n \sqrt{\mathcal{I}}}}$	$i^2 \cdot \mathcal{I}$	$\sqrt{\frac{\epsilon n \sqrt{\mathcal{I}}}{\sqrt{d}}}$
Distributed PGD	SC, smooth, Lipschitz and bounded Hessian	strong (Thm. 14)	$\frac{de^{-\mathcal{I} n^{\frac{4-3\xi}{2}}}}{\epsilon^2 n^2} + \frac{1}{n^{\xi}}$	$\log i \cdot \mathcal{I}$	$\min\left\{\log n, \mathcal{I} n^{\frac{4-3\xi}{2}} + \log\left(\frac{\epsilon n}{\sqrt{d}}\right)\right\}$

Table 1: (S)C: (strongly) convex, n: training dataset size, d: dimension, $\xi \in [1, 4/3]$ is a parameter.