Table 5: Comparison of wall runtimes of various approximations of the log-determinant $\hat{\ell}_n$.						
Quantity	Model	Configuration	ResNet9	ResNet9	ResNet18	MobileNet
	Dataset Subsample Size		$\begin{array}{c} \text{CIFAR-10} \\ n = 1000 \end{array}$	CIFAR-10 $n = 2500$	CIFAR-10 $n = 1000$	$\begin{array}{c} \text{MNIST} \\ n = 2500 \end{array}$
(seconds)	Direct Computation (16-bit) Direct Computation (32-bit) Direct Computation (64-bit)		6.69 7.08 7.09	49.35 49.39 51.57	5.50 5.87 5.97	70.90 54.05 51.22
Runtime (seco	Block Diagonal SLQ Pseudo NTK		0.00376 8.904 0.0151	0.00982 67.70 0.0776	0.00342 22.18 0.0149	0.00855 148.80 0.0828
	FLODANCE FLODANCE FLODANCE	$n_0 = 1, n_s = 50$ $n_0 = 1, n_s = 100$ $n_0 = 300, n_s = 500$	0.0085 0.0176 0.377	0.0088 0.0186 0.350	0.0089 0.0168 0.354	0.0091 0.0175 0.376