

B	bits	Function	Avg (s)
10 000	1024	Setup	3.282
		Encrypt	3.212
		Keygen	0.0127
		Decrypt	6.396
	2048	Setup	23.899
		Encrypt	23.943
		Keygen	0.0153
		Decrypt	27.987
	4096	Setup	153.234
		Encrypt	–
		Keygen	–
		Decrypt	–
100 000	1024	Setup	3.301
		Encrypt	3.226
		Keygen	0.0121
		Decrypt	45.184
	2048	Setup	23.978
		Encrypt	24.163
		Keygen	0.0157
		Decrypt	77.076
	4096	Setup	–
		Encrypt	–
		Keygen	–
		Decrypt	–
1 000 000	1024	Setup	3.306
		Encrypt	3.255
		Keygen	0.0123
		Decrypt	Killed
	2048	Setup	–
		Encrypt	–
		Keygen	–
		Decrypt	–

Table 1: Performance Metrics with $\ell = 10\,000$ for different values of B and bits