

B	bits	Function	Avg (s)
10 000	1024	Setup	0.320
		Encrypt	0.314
		Keygen	0.0012
		Decrypt	1.192
	2048	Setup	2.292
		Encrypt	2.298
		Keygen	0.0015
		Decrypt	3.390
	4096	Setup	14.946
		Encrypt	15.005
		Keygen	0.0021
		Decrypt	16.716
100 000	1024	Setup	0.319
		Encrypt	0.314
		Keygen	0.0012
		Decrypt	11.739
	2048	Setup	2.290
		Encrypt	2.303
		Keygen	0.0015
		Decrypt	16.413
	4096	Setup	14.939
		Encrypt	15.026
		Keygen	0.0020
		Decrypt	34.939
1 000 000	1024	Setup	0.319
		Encrypt	0.315
		Keygen	0.0012
		Decrypt	150.673
	2048	Setup	2.291
		Encrypt	2.308
		Keygen	0.0015
		Decrypt	180.369
	4096	Setup	14.947
		Encrypt	15.042
		Keygen	0.0021
		Decrypt	the process was killed

Table 1: Performance metrics with $\ell = 1000$ for different values of B and bits