matrix parameters	4	8	16	32	64	128
$k = 100$, $m = 2^{14}$, $n = 2^{14}$	0.23	0.36	0.43	0.53	0.52	2.11
$k = 100$, $m = 2^{16}$, $n = 2^{14}$	0.23	0.35	0.44	0.46	1.41	2.09
$k = 400$, $m = 2^{16}$, $n = 2^{14}$	6.80	5.03	4.19	3.38	8.00	39.3
$k = 400$, $m = 2^{18}$, $n = 2^{14}$	6.86	4.16	4.12	3.82	6.66	23.2
$k = 100$, $m = 2^{16}$, $n = 2^{16}$	0.22	0.24	0.39	0.52	1.04	2.0
$k = 1000$, $m = 2^{16}$, $n = 2^{16}$	83.2	50.11	34.65	28.7	38.4	175.9
$k = 400$, $m = 2^{14}$, $n = 2^{18}$	6.66	4.88	3.74	3.61	7.19	42.74
$k = 1000$, $m = 2^{14}$, $n = 2^{18}$	82.02	49.69	–	30.8	29.32	183.9