k	1	2	3	4	5	6	7	8	9	10
no randomization of γ	1.58	1.85	2.02	2.14	2.24	2.31	2.37	2.42	2.46	2.50
with randomization of γ	1.52	1.79	1.97	2.09	2.19	2.27	2.33	2.39	2.43	2.47