

Key Age	Differential Equations	Celis Theorem	Sims $n = 8192$	Sims $n = 65536$	Sims $n = 524288$
1	0.083458328	0.083458403	0.083621434 $\pm$ 0.004965813	0.083429753 $\pm$ 0.001831579	0.083428593 $\pm$ 0.000614
2	0.188976794	0.188976856	0.189157158 $\pm$ 0.008679919	0.189075507 $\pm$ 0.003140080	0.188945002 $\pm$ 0.001092
3	0.323793458	0.323793385	0.323707145 $\pm$ 0.008193784	0.323798214 $\pm$ 0.003014369	0.323775391 $\pm$ 0.001046
4	0.303363752	0.303363594	0.302934079 $\pm$ 0.008740126	0.303259705 $\pm$ 0.003202237	0.303395377 $\pm$ 0.001123
5	0.095303269	0.095303242	0.095385891 $\pm$ 0.009795472	0.095321415 $\pm$ 0.003651414	0.095341351 $\pm$ 0.001226
6	0.005092100	0.005092104	0.005182087 $\pm$ 0.001441913	0.005103134 $\pm$ 0.000523627	0.005101511 $\pm$ 0.000174
7	0.000012417	0.000012417	0.000012208 $\pm$ 0.000039393	0.000012271 $\pm$ 0.000014530	0.000012775 $\pm$ 0.000005