

conv(n \* N, E(alpha))

p0	n	alpha						max rel err at t_i
0.95	4	t_i	0	2.29	3.29	10		
		1	K_i K^T_i	1.835 -0.012	2.021 0.073	2.060 0.022	2.110 0.001	0.32%
		1.5	K_i K^T_i	1.841 -0.041	1.959 0.058	1.993 0.020	2.029 0.002	0.23%
		2	K_i K^T_i	1.842 -0.048	1.910 0.043	1.937 0.017	1.961 0.004	0.28%
		3	K_i K^T_i	1.842 -0.033	1.852 0.016	1.863 0.008	1.870 0.005	0.27%
		5	K_i K^T_i	1.841 -0.017	1.802 -0.010	1.796 -0.004	1.776 -0.001	0.22%
		8	K_i K^T_i	1.839 -0.004	1.778 -0.026	1.760 -0.013	1.722 -0.003	0.18%
		100	K_i K^T_i	1.838 0.004	1.755 -0.043	1.722 -0.026	1.655 -0.004	0.14%
		t_i	0	1.42	5.53	10		
		1	K_i K^T_i	1.963 -0.025	2.017 0.058	2.100 0.004	2.114 -0.005	0.22%
		1.5	K_i K^T_i	1.968 -0.056	1.978 0.033	2.027 0.002	2.031 -0.001	0.25%
		2	K_i K^T_i	1.968 -0.056	1.950 0.007	1.963 0.000	1.963 0.002	0.25%
		3	K_i K^T_i	1.968 -0.045	1.916 -0.027	1.878 -0.002	1.868 0.002	0.25%
0.95	5	5	K_i K^T_i	1.966 -0.023	1.889 -0.060	1.795 -0.005	1.778 0.002	0.20%
		8	K_i K^T_i	1.965 -0.007	1.877 -0.078	1.745 -0.009	1.724 0.002	0.18%
		100	K_i K^T_i	1.964 0.005	1.865 -0.094	1.689 -0.013	1.658 -0.002	0.13%
		t_i	0	1.05	4.09	10		
		1	K_i K^T_i	2.000 -0.052	2.018 0.046	2.094 0.011	2.118 0.005	0.14%
		1.5	K_i K^T_i	2.002 -0.061	1.992 0.016	2.025 0.006	2.033 0.003	0.20%
		2	K_i K^T_i	2.002 -0.047	1.973 -0.015	1.964 0.001	1.962 0.004	0.20%
		3	K_i K^T_i	2.000 -0.018	1.951 -0.054	1.883 -0.006	1.868 -0.001	0.17%
		5	K_i K^T_i	1.997 0.021	1.934 -0.089	1.806 -0.014	1.775 -0.003	0.15%
		8	K_i K^T_i	1.996 0.038	1.926 -0.107	1.763 -0.021	1.720 -0.005	0.16%
		100	K_i K^T_i	1.995 0.052	1.919 -0.122	1.715 -0.029	1.653 -0.011	0.20%

0.95	20	t_i	0	1.51	5.49	10	
	1	K_i K^T_i	1.982 -0.029	2.028 0.052	2.106 0.003	2.115 -0.001	0.10%
	1.5	K_i K^T_i	1.982 -0.027	1.994 0.022	2.028 0.002	2.032 0.000	0.10%
	2	K_i K^T_i	1.982 -0.020	1.964 -0.005	1.962 0.000	1.961 0.001	0.12%
	3	K_i K^T_i	1.982 -0.012	1.927 -0.040	1.873 -0.002	1.867 0.003	0.12%
	5	K_i K^T_i	1.980 0.005	1.895 -0.073	1.788 -0.005	1.774 0.004	0.13%
	8	K_i K^T_i	1.980 0.016	1.880 -0.092	1.738 -0.008	1.718 0.002	0.11%
	100	K_i K^T_i	1.979 0.027	1.865 -0.109	1.683 -0.012	1.654 0.001	0.13%
0.975	4	t_i	0	1.10	2.10	10	
	1	K_i K^T_i	2.421 -0.118	2.381 0.036	2.449 0.076	2.604 0.024	0.55%
	1.5	K_i K^T_i	2.415 -0.024	2.318 -0.064	2.320 0.031	2.388 0.008	0.27%
	2	K_i K^T_i	2.411 0.017	2.289 -0.116	2.246 -0.006	2.241 -0.005	0.22%
	3	K_i K^T_i	2.409 0.054	2.267 -0.166	2.171 -0.055	2.073 -0.021	0.43%
	5	K_i K^T_i	2.408 0.064	2.257 -0.196	2.118 -0.101	1.920 -0.032	0.52%
	8	K_i K^T_i	2.408 0.056	2.255 -0.206	2.095 -0.126	1.834 -0.034	0.54%
	100	K_i K^T_i	2.409 0.050	2.255 -0.213	2.077 -0.148	1.729 -0.033	0.54%
0.975	5	t_i	0	1.02	2.51	10	
	1	K_i K^T_i	2.482 -0.166	2.434 0.026	2.506 0.051	2.605 0.019	0.53%
	1.5	K_i K^T_i	2.477 -0.079	2.374 -0.078	2.355 0.017	2.388 0.007	0.53%
	2	K_i K^T_i	2.474 -0.025	2.340 -0.140	2.260 -0.009	2.244 -0.002	0.21%
	3	K_i K^T_i	2.469 0.040	2.313 -0.202	2.158 -0.047	2.073 -0.016	0.29%
	5	K_i K^T_i	2.467 0.072	2.297 -0.241	2.080 -0.085	1.919 -0.028	0.43%
	8	K_i K^T_i	2.467 0.074	2.291 -0.256	2.043 -0.106	1.833 -0.030	0.52%
	100	K_i K^T_i	2.467 0.076	2.287 -0.267	2.009 -0.129	1.723 -0.035	0.54%

0.975	7	t_i	0	1.03	2.64	10	
	1	K_i K^T_i	2.435 -0.181	2.415 0.063	2.514 0.052	2.606 0.018	0.45%
	1.5	K_i K^T_i	2.432 -0.114	2.350 -0.041	2.353 0.020	2.391 0.010	0.37%
	2	K_i K^T_i	2.429 -0.055	2.314 -0.107	2.251 -0.005	2.247 0.002	0.33%
	3	K_i K^T_i	2.425 0.004	2.280 -0.174	2.140 -0.037	2.071 -0.011	0.25%
	5	K_i K^T_i	2.422 0.043	2.257 -0.221	2.051 -0.070	1.918 -0.022	0.32%
	8	K_i K^T_i	2.422 0.056	2.248 -0.241	2.006 -0.090	1.827 -0.028	0.43%
	100	K_i K^T_i	2.421 0.061	2.241 -0.257	1.966 -0.111	1.721 -0.031	0.44%
0.975	20	t_i	0	1.82	2.82	10	
	1.000	K_i K^T_i	2.305 -0.074	2.470 0.113	2.536 0.038	2.605 0.010	0.17%
	1.5	K_i K^T_i	2.306 -0.068	2.332 0.038	2.357 0.017	2.386 0.004	0.22%
	2	K_i K^T_i	2.306 -0.052	2.247 -0.012	2.243 0.000	2.243 0.001	0.22%
	3	K_i K^T_i	2.305 -0.028	2.157 -0.07	2.117 -0.023	2.071 -0.005	0.22%
	5	K_i K^T_i	2.304 -0.006	2.088 -0.119	2.013 -0.048	1.917 -0.012	0.22%
	8	K_i K^T_i	2.303 0.002	2.056 -0.144	1.961 -0.064	1.825 -0.015	0.24%
	100	K_i K^T_i	2.302 0.014	2.029 -0.169	1.912 -0.084	1.719 -0.019	0.24%
0.99	4	t_i	0	1.39	2.73	10	
	1	K_i K^T_i	3.393 -0.202	3.095 -0.118	3.107 0.063	3.241 0.020	0.83%
	1.5	K_i K^T_i	3.378 -0.027	2.967 -0.290	2.824 -0.013	2.823 -0.005	0.27%
	2	K_i K^T_i	3.369 0.060	2.917 -0.373	2.677 -0.071	2.573 -0.029	0.43%
	3	K_i K^T_i	3.366 0.090	2.890 -0.434	2.545 -0.146	2.304 -0.056	0.70%
	5	K_i K^T_i	3.367 0.074	2.882 -0.461	2.463 -0.208	2.082 -0.063	0.84%
	8	K_i K^T_i	3.368 0.065	2.879 -0.470	2.432 -0.234	1.962 -0.060	0.81%
	100	K_i K^T_i	3.370 0.055	2.877 -0.476	2.410 -0.255	1.824 -0.063	0.75%

0.99	5	t_i	0	1.41	2.42	10	
	1	K_i K^T_i	3.281 -0.298	3.036 -0.025	3.088 0.081	3.251 0.028	0.79%
	1.5	K_i K^T_i	3.270 -0.142	2.869 -0.208	2.802 0.004	2.827 0.004	0.64%
	2	K_i K^T_i	3.264 -0.079	2.794 -0.298	2.653 -0.053	2.574 -0.019	0.36%
	3	K_i K^T_i	3.258 -0.007	2.736 -0.386	2.514 -0.123	2.304 -0.038	0.54%
	5	K_i K^T_i	3.257 0.005	2.708 -0.437	2.424 -0.185	2.076 -0.052	0.78%
	8	K_i K^T_i	3.256 0.008	2.700 -0.457	2.386 -0.217	1.949 -0.057	0.79%
	100	K_i K^T_i	3.257 0.007	2.692 -0.472	2.357 -0.240	1.805 -0.058	0.79%
0.99	7	t_i	0	1.29	2.29	10	
	1	K_i K^T_i	3.050 -0.328	2.962 0.087	3.068 0.104	3.256 0.036	0.76%
	1.5	K_i K^T_i	3.042 -0.193	2.786 -0.109	2.770 0.028	2.829 0.013	0.58%
	2	K_i K^T_i	3.036 -0.102	2.703 -0.216	2.613 -0.025	2.578 -0.008	0.39%
	3	K_i K^T_i	3.03 -0.026	2.635 -0.315	2.463 -0.091	2.302 -0.029	0.48%
	5	K_i K^T_i	3.027 0.007	2.596 -0.378	2.360 -0.151	2.071 -0.042	0.64%
	8	K_i K^T_i	3.026 0.021	2.583 -0.404	2.315 -0.182	1.941 -0.049	0.76%
	100	K_i K^T_i	3.026 0.022	2.571 -0.425	2.276 -0.211	1.791 -0.053	0.77%
0.99	20	t_i	0	1.64	3.35	10	
	1	K_i K^T_i	2.711 -0.150	2.987 0.238	3.174 0.038	3.248 0.006	0.38%
	1.5	K_i K^T_i	2.717 -0.151	2.727 0.066	2.792 0.020	2.827 0.008	0.41%
	2	K_i K^T_i	2.717 -0.123	2.592 -0.034	2.578 0.003	2.577 0.004	0.41%
	3	K_i K^T_i	2.715 -0.079	2.465 -0.138	2.356 -0.023	2.306 -0.004	0.33%
	5	K_i K^T_i	2.713 -0.040	2.380 -0.215	2.186 -0.054	2.073 -0.012	0.26%
	8	K_i K^T_i	2.712 -0.029	2.342 -0.250	2.103 -0.074	1.943 -0.014	0.26%
	100	K_i K^T_i	2.711 -0.016	2.311 -0.282	2.024 -0.097	1.788 -0.022	0.28%

conv(n \* U, E(alpha))

p0	n	alpha							max rel err at t_i
0.95	4	t_i	0	0.79	1.08	2.26	10		
		1	K_i K^T_i	1.720 -0.196	1.859 0.325	1.943 0.247	2.067 0.031	2.119 0.010	0.37%
		1.5	K_i K^T_i	1.719 -0.128	1.792 0.255	1.868 0.242	1.990 0.029	2.035 0.009	0.37%
		2	K_i K^T_i	1.717 -0.066	1.752 0.191	1.816 0.214	1.924 0.027	1.964 0.010	0.33%
		3	K_i K^T_i	1.714 0.007	1.711 0.103	1.754 0.155	1.837 0.024	1.867 0.010	0.37%
		5	K_i K^T_i	1.713 0.039	1.684 0.020	1.702 0.077	1.750 0.021	1.774 0.010	0.34%
		8	K_i K^T_i	1.713 0.031	1.675 -0.027	1.676 0.018	1.698 0.017	1.717 0.009	0.37%
		100	K_i K^T_i	1.715 -0.003	1.671 -0.071	1.653 -0.050	1.636 0.004	1.645 -0.001	0.14%
0.95	5	t_i	0	0.54	0.71	1.69	10		
		1	K_i K^T_i	1.935 -0.244	1.974 0.237	2.013 0.208	2.092 0.016	2.121 0.006	0.38%
		1.5	K_i K^T_i	1.934 -0.133	1.914 0.143	1.946 0.193	2.017 0.011	2.036 0.004	0.26%
		2	K_i K^T_i	1.932 -0.054	1.879 0.056	1.899 0.145	1.952 0.008	1.962 0.004	0.17%
		3	K_i K^T_i	1.931 0.042	1.843 -0.063	1.846 0.055	1.866 0.003	1.866 0.004	0.22%
		5	K_i K^T_i	1.930 0.059	1.823 -0.173	1.805 -0.065	1.783 -0.002	1.771 0.002	0.36%
		8	K_i K^T_i	1.931 0.025	1.816 -0.231	1.785 -0.144	1.733 -0.008	1.712 0.000	0.18%
		100	K_i K^T_i	1.932 -0.020	1.813 -0.294	1.767 -0.239	1.675 -0.020	1.644 -0.008	0.38%
0.95	7	t_i	0	0.33	0.50	1.48	10		
		1	K_i K^T_i	2.050 -0.350	2.031 0.118	2.053 0.129	2.102 0.010	2.120 0.003	0.33%
		1.5	K_i K^T_i	2.049 -0.216	1.985 -0.041	1.994 0.093	2.027 0.004	2.034 0.001	0.23%
		2	K_i K^T_i	2.049 -0.094	1.955 -0.169	1.951 0.039	1.963 -0.001	1.961 0.001	0.13%
		3	K_i K^T_i	2.048 0.056	1.927 -0.330	1.900 -0.066	1.875 -0.006	1.863 -0.002	0.15%
		5	K_i K^T_i	2.047 0.144	1.912 -0.460	1.861 -0.196	1.789 -0.011	1.768 -0.002	0.32%
		8	K_i K^T_i	2.048 0.073	1.908 -0.508	1.843 -0.294	1.737 -0.014	1.709 -0.004	0.27%
		100	K_i K^T_i	2.048 -0.008	1.908 -0.559	1.825 -0.413	1.676 -0.021	1.643 -0.008	0.33%

0.95	20	$t_i$	0	0.20	0.39	1.13	10	
	1	$K_i$ $K^T_i$	2.112 -0.715	2.064 0.044	2.082 0.107	2.111 0.006	2.120 0.003	0.15%
	1.5	$K_i$ $K^T_i$	2.112 -0.95	2.020 -0.122	2.019 0.043	2.031 0.003	2.035 0.001	0.20%
	2	$K_i$ $K^T_i$	2.112 -0.807	1.986 -0.356	1.963 -0.003	1.962 -0.001	1.960 0.000	0.25%
	3	$K_i$ $K^T_i$	2.112 -0.619	1.947 -0.644	1.894 -0.086	1.870 -0.005	1.863 -0.002	0.31%
	5	$K_i$ $K^T_i$	2.112 -0.405	1.915 -0.916	1.830 -0.187	1.780 -0.009	1.767 -0.003	0.22%
	8	$K_i$ $K^T_i$	2.112 -0.259	1.901 -1.067	1.795 -0.266	1.724 -0.010	1.709 -0.003	0.25%
	100	$K_i$ $K^T_i$	2.112 -0.145	1.889 -1.212	1.758 -0.381	1.659 -0.010	1.643 -0.004	0.31%
0.975	4	$t_i$	0	0.54	1.35	2.44	10	
	1	$K_i$ $K^T_i$	2.426 -0.187	2.353 -0.013	2.469 0.171	2.553 0.027	2.606 0.006	0.47%
	1.5	$K_i$ $K^T_i$	2.419 0.051	2.301 -0.228	2.307 0.098	2.358 0.019	2.389 0.007	0.14%
	2	$K_i$ $K^T_i$	2.416 0.151	2.281 -0.330	2.208 0.027	2.229 0.013	2.244 0.007	0.27%
	3	$K_i$ $K^T_i$	2.415 0.188	2.271 -0.405	2.102 -0.078	2.078 0.004	2.073 0.006	0.46%
	5	$K_i$ $K^T_i$	2.417 0.115	2.272 -0.422	2.024 -0.184	1.948 -0.013	1.914 -0.001	0.26%
	8	$K_i$ $K^T_i$	2.418 0.063	2.275 -0.420	1.991 -0.241	1.878 -0.032	1.819 -0.011	0.27%
	100	$K_i$ $K^T_i$	2.419 0.041	2.275 -0.422	1.969 -0.284	1.807 -0.072	1.692 -0.023	0.46%
0.975	5	$t_i$	0	0.48	0.92	2.11	10	
	1	$K_i$ $K^T_i$	2.631 -0.344	2.486 -0.120	2.513 0.130	2.577 0.015	2.607 0.002	0.52%
	1.5	$K_i$ $K^T_i$	2.626 -0.082	2.410 -0.397	2.362 0.032	2.379 0.005	2.388 0.001	0.26%
	2	$K_i$ $K^T_i$	2.623 0.064	2.377 -0.550	2.274 -0.064	2.247 -0.002	2.242 0.000	0.19%
	3	$K_i$ $K^T_i$	2.621 0.158	2.352 -0.691	2.181 -0.203	2.092 -0.009	2.070 0.000	0.45%
	5	$K_i$ $K^T_i$	2.621 0.133	2.345 -0.767	2.113 -0.347	1.956 -0.022	1.911 -0.004	0.53%
	8	$K_i$ $K^T_i$	2.623 0.075	2.346 -0.786	2.083 -0.433	1.880 -0.035	1.814 -0.011	0.33%
	100	$K_i$ $K^T_i$	2.624 0.004	2.347 -0.794	2.061 -0.502	1.799 -0.069	1.688 -0.025	0.53%

0.975	7	t_i	0	0.27	0.82	1.79	10	
	1	K_i K^T_i	2.690 -0.534	2.547 -0.383	2.535 0.127	2.585 0.013	2.611 0.004	0.59%
	1.5	K_i K^T_i	2.688 -0.128	2.497 -0.788	2.369 0.035	2.382 0.002	2.388 -0.001	0.35%
	2	K_i K^T_i	2.686 0.119	2.474 -1.009	2.266 -0.050	2.247 -0.004	2.241 -0.002	0.14%
	3	K_i K^T_i	2.684 0.335	2.456 -1.205	2.154 -0.177	2.088 -0.012	2.068 -0.003	0.40%
	5	K_i K^T_i	2.684 0.390	2.450 -1.296	2.064 -0.321	1.946 -0.020	1.909 -0.005	0.59%
	8	K_i K^T_i	2.684 0.378	2.450 -1.320	2.018 -0.410	1.865 -0.029	1.812 -0.008	0.58%
	100	K_i K^T_i	2.685 0.289	2.450 -1.312	1.976 -0.511	1.773 -0.053	1.687 -0.020	0.59%
0.975	20	t_i	0	0.18	0.45	1.21	10	
	1	K_i K^T_i	2.651 -1.998	2.502 -0.108	2.539 0.220	2.599 0.007	2.610 0.002	0.38%
	1.5	K_i K^T_i	2.651 -1.657	2.420 -0.799	2.364 0.075	2.385 0.004	2.388 0.001	0.51%
	2	K_i K^T_i	2.651 -1.215	2.373 -1.291	2.251 -0.028	2.244 -0.001	2.242 -0.001	0.47%
	3	K_i K^T_i	2.651 -0.738	2.329 -1.801	2.127 -0.186	2.077 -0.006	2.067 -0.002	0.23%
	5	K_i K^T_i	2.651 -0.243	2.300 -2.223	2.024 -0.359	1.927 -0.012	1.907 -0.005	0.34%
	8	K_i K^T_i	2.651 -0.086	2.289 -2.391	1.972 -0.486	1.839 -0.017	1.810 -0.006	0.52%
	100	K_i K^T_i	2.651 -0.161	2.287 -2.444	1.923 -0.687	1.733 -0.029	1.687 -0.011	0.52%
0.99	4	t_i	0	0.82	1.55	3.02	10	
	1	K_i K^T_i	3.654 -0.233	3.205 -0.409	3.155 0.084	3.211 0.014	3.250 0.000	0.56%
	1.5	K_i K^T_i	3.641 0.058	3.080 -0.718	2.858 -0.077	2.823 0.002	2.826 0.002	0.13%
	2	K_i K^T_i	3.637 0.141	3.041 -0.854	2.707 -0.209	2.598 -0.006	2.580 0.004	0.51%
	3	K_i K^T_i	3.639 0.089	3.029 -0.942	2.573 -0.380	2.360 -0.025	2.307 -0.001	0.57%
	5	K_i K^T_i	3.643 0.005	3.035 -0.974	2.498 -0.511	2.175 -0.064	2.066 -0.020	0.34%
	8	K_i K^T_i	3.644 -0.015	3.036 -0.982	2.476 -0.557	2.086 -0.101	1.925 -0.037	0.55%
	100	K_i K^T_i	3.643 0.001	3.031 -0.992	2.464 -0.575	2.016 -0.147	1.740 -0.039	0.57%

0.99	5	t_i	0	0.53	1.20	2.42	10	
	1	K_i K^T_i	3.758 -0.459	3.282 -0.761	3.166 0.098	3.219 0.015	3.255 0.002	0.68%
	1.5	K_i K^T_i	3.746 -0.001	3.172 -1.200	2.857 -0.083	2.822 -0.001	2.826 -0.002	0.23%
	2	K_i K^T_i	3.741 0.190	3.134 -1.397	2.694 -0.227	2.594 -0.009	2.577 -0.001	0.43%
	3	K_i K^T_i	3.740 0.208	3.116 -1.519	2.541 -0.421	2.349 -0.024	2.301 -0.003	0.67%
	5	K_i K^T_i	3.743 0.099	3.117 -1.553	2.442 -0.591	2.153 -0.053	2.060 -0.016	0.42%
	8	K_i K^T_i	3.745 0.038	3.121 -1.555	2.406 -0.668	2.057 -0.084	1.918 -0.030	0.56%
	100	K_i K^T_i	3.745 0.021	3.120 -1.562	2.386 -0.715	1.970 -0.137	1.727 -0.040	0.68%
0.99	7	t_i	0	0.33	0.88	1.96	10	
	1	K_i K^T_i	3.660 -0.770	3.253 -1.062	3.144 0.189	3.225 0.017	3.257 0.003	0.76%
	1.5	K_i K^T_i	3.653 -0.084	3.156 -1.719	2.826 -0.031	2.818 0.005	2.830 0.002	0.37%
	2	K_i K^T_i	3.649 0.258	3.121 -2.016	2.658 -0.203	2.582 -0.003	2.578 -0.001	0.24%
	3	K_i K^T_i	3.648 0.361	3.100 -2.203	2.496 -0.438	2.328 -0.014	2.299 -0.002	0.74%
	5	K_i K^T_i	3.648 0.299	3.097 -2.265	2.384 -0.656	2.120 -0.035	2.057 -0.009	0.70%
	8	K_i K^T_i	3.649 0.225	3.098 -2.271	2.336 -0.767	2.014 -0.058	1.914 -0.019	0.58%
	100	K_i K^T_i	3.650 0.177	3.098 -2.277	2.302 -0.852	1.908 -0.110	1.719 -0.035	0.73%
0.99	20	t_i	0	0.23	0.43	1.21	10	
	1	K_i K^T_i	3.395 -3.247	3.071 -0.119	3.127 0.422	3.242 0.010	3.260 0.004	0.78%
	1.5	K_i K^T_i	3.396 -2.398	2.861 -1.392	2.788 0.129	2.823 0.003	2.829 -0.001	0.98%
	2	K_i K^T_i	3.395 -1.793	2.764 -2.094	2.608 -0.110	2.579 -0.001	2.577 0.000	0.70%
	3	K_i K^T_i	3.394 -1.260	2.680 -2.756	2.430 -0.439	2.311 -0.008	2.298 -0.003	0.47%
	5	K_i K^T_i	3.393 -0.942	2.636 -3.197	2.304 -0.793	2.087 -0.019	2.055 -0.006	0.72%
	8	K_i K^T_i	3.393 -0.949	2.627 -3.341	2.250 -1.028	1.964 -0.032	1.912 -0.012	0.75%
	100	K_i K^T_i	3.394 -1.076	2.623 -3.430	2.203 -1.282	1.829 -0.073	1.711 -0.029	0.99%