Random(4000000, 2)

# of cores	1	2	3	4	5	6	7	8
serial	1.73	—	—	—	—	—	—	—
serial_call	1.49	—	—	—	—	—	—	—
serial_call_cas	1.82	—	—	—	—	—	—	—
serial_call_membar	1.78	—	—	—	—	—	—	—
Cilk_cas								
Cilk_member								
Tascell_cas	1.85	1.67	0.957	0.821	0.649	0.630	0.568	0.532
Tascell_member	1.82	1.64	0.937	0.810	0.666	0.588	0.555	0.547
Tascell_gcc_cas	1.88	1.70	0.971	0.952	0.687	0.616	0.607	0.564
Tascell_gcc_member	1.88	1.71	0.962	0.952	0.682	0.624	0.617	0.551

20D hypercube

# of cores	1	2	3	4	5	6	7	8
serial	0.170	—	—	—	—	—	—	—
serial_call	0.277	—	—	—	—	—	—	—
serial_call_cas	0.354	—	—	—	—	—	—	—
serial_call_membar	0.326	—	—	—	—	—	—	—
Cilk_cas								
Cilk_member								
Tascell_cas	0.380	0.267	0.201	0.191	0.171	0.160	0.151	0.146
Tascell_member	0.358	0.244	0.186	0.180	0.162	0.148	0.142	0.140
Tascell_gcc_cas	0.382	0.265	0.200	0.188	0.169	0.155	0.149	0.146
Tascell_gcc_member	0.359	0.244	0.188	0.176	0.159	0.152	0.145	0.143

2D-torus(2000)

# of cores	1	2	3	4	5	6	7	8
serial	0.580	—	—	—	—	—	—	—
serial_call	0.493	—	—	—	—	—	—	—
serial_call_cas	0.533	—	—	—	—	—	—	—
serial_call_membar	0.525	—	—	—	—	—	—	—
Cilk_cas								
Cilk_member								
Tascell_cas	0.552	0.367	0.248	0.222	0.199	0.192	0.181	0.174
Tascell_member	0.545	0.364	0.242	0.218	0.196	0.190	0.175	0.173
Tascell_gcc_cas	0.564	0.374	0.252	0.226	0.200	0.194	0.179	0.174
Tascell_gcc_member	0.549	0.367	0.247	0.221	0.198	0.192	0.177	0.175

Bintree(20)

# of cores	1	2	3	4	5	6	7	8
serial	0.558	—	—	—	—	—	—	—
serial_call	0.626	—	—	—	—	—	—	—
serial_call_cas	0.840	—	—	—	—	—	—	—
serial_call_membar	0.732	—	—	—	—	—	—	—
Cilk_cas								
Cilk_member								
Tascell_cas	0.953	0.495	0.370	0.313	0.251	0.195	0.178	
Tascell_member	0.839	0.438	0.327	0.301	0.205	0.173	0.155	
Tascell_gcc_cas	0.957	0.522	0.391	0.362	0.264	0.202	0.177	
Tascell_gcc_member	0.820	0.444	0.332	0.279	0.227	0.163	0.160	