Random(4000000,2)								
# of cores	1	2	3	4	5	6	7	8
serial	1.73	_			_	_	_	_
serial_call	1.49	_	_		_	_	_	_
	(1.16)							
serial_call_cas	1.82	_	_	_	_	_	_	_
	(0.951)							
serial_call_membar	1.78	_			_	_	_	_
	(0.972)							
Cilk_cas	2.25	1.35	0.921	0.757	0.654	0.605	0.549	0.534
	(0.769)	(1.28)	(1.88)	(2.29)	(2.65)	(2.86)	(3.15)	(3.24)
Cilk_membar	2.22	1.33	0.887	0.756	0.648	0.611	0.551	0.526
	(0.779)	(1.30)	(1.95)	(2.29)	(2.67)	(2.83)	(3.14)	(3.29)
Cilk_R_cas	2.21	1.32	0.882	0.741	0.638	0.604	0.543	0.525
	(0.783)	(1.31)	(1.96)	(2.33)	(2.71)	(2.86)	(3.19)	(3.30)
Cilk_R_membar	2.18	1.31	0.887	0.731	0.638	0.599	0.533	0.521
	(0.794)	(1.32)	(1.95)	(2.37)	(2.71)	(2.89)	(3.25)	(3.32)
Tascell_cas	1.85	1.67	0.957	0.821	0.649	0.630	0.568	0.532
	(0.935)	(1.04)	(1.81)	(2.11)	(2.67)	(2.75)	(3.05)	(3.25)
Tascell_membar	1.82	1.64	0.937	0.810	0.666	0.588	0.555	0.547
	(0.951)	(1.05)	(1.85)	(2.14)	(2.60)	(2.94)	(3.12)	(3.16)
serial_call_800	1.68	_			_	_	_	_
	(1.03)							
serial_call_cas_800	2.04	_	_		_	_	_	_
	(0.848)							
serial_call_membar_800	2.01	_						
	(0.861)							
Cilk_cas_800	2.71	1.63	0.906	0.762	0.685	0.644	0.590	0.540
	(0.638)	(1.06)	(1.91)	(2.27)	(2.53)	(2.69)	(2.93)	(3.20)
Cilk_membar_800	2.69	1.61	1.02	0.815	0.687	0.615	0.597	0.548
	(0.643)	(1.07)	(1.70)	(2.12)	(2.52)	(2.81)	(2.90)	(3.16)
Cilk_R_cas_800	2.59	1.54	0.920	0.753	0.661	0.622	0.554	0.554
	(0.668)	(1.12)	(1.88)	(2.30)	(2.62)	(2.78)	(3.12)	(3.12)
Cilk_R_membar_800	2.56	1.52	0.898	0.738	0.639	0.627	0.548	0.520
	(0.676)	(1.14)	(1.93)	(2.34)	(2.71)	(2.76)	(3.16)	(3.33)
Tascell_cas_800	2.10	1.31	0.788	0.695	0.636	0.590	0.545	0.526
	(0.824)	(1.32)	(2.20)	(2.49)	(2.72)	(2.93)	(3.17)	(3.29)
Tascell_membar_800	2.07	1.29	0.938	0.699	0.630	0.594	0.544	0.495
	(0.836)	(1.34)	(1.84)	(2.47)	(2.75)	(2.91)	(3.18)	(3.49)
IIl (01)								

Hypercube(21)

# of cores	1	2	3	4	5	6	7	8
serial	1.40	_				_	_	
serial_call	1.18					_	_	
	(1.19)							
serial_call_cas	1.26	_	_	_	_	_	_	
	(1.11)							
serial_call_membar	1.25	_	_	_	_	_	_	
	(1.12)							
Cilk_cas	1.40	0.912	0.657	0.569	0.528	0.514	0.490	0.483
	(1.00)	(1.54)	(2.13)	(2.46)	(2.65)	(2.72)	(2.86)	(2.90)
Cilk_membar	1.39	0.907	0.643	0.563	0.520	0.513	0.496	0.481
	(1.01)	(1.54)	(2.18)	(2.49)	(2.69)	(2.73)	(2.82)	(2.91)
Cilk_R_cas	1.37	0.900	0.587	0.501	0.460	0.446	0.417	0.403
	(1.02)	(1.56)	(2.39)	(2.79)	(3.04)	(3.14)	(3.36)	(3.47)
Cilk_R_membar	1.36	0.883	0.580	0.493	0.459	0.442	0.413	0.399
	(1.03)	(1.59)	(2.41)	(2.84)	(3.05)	(3.17)	(3.39)	(3.51)
Tascell_cas	1.29	0.868	0.567	0.512	0.456	0.434	0.410	0.409
	(1.09)	(1.61)	(2.47)	(2.73)	(3.07)	(3.23)	(3.41)	(3.42)
Tascell_membar	1.28	0.858	0.560	0.502	0.454	0.442	0.409	0.407
	(1.09)	(1.63)	(2.50)	(2.79)	(3.08)	(3.17)	(3.42)	(3.44)
serial_call_800	1.17	_		_	_	_		
	(1.20)							
serial_call_cas_800	1.26			_	_	_	_	
	(1.11)							
serial_call_membar_800	1.24							
	(1.13)							
Cilk_cas_800	1.38	0.920	0.671	0.561	0.530	0.518	0.495	0.484
	(1.01)	(1.52)	(2.09)	(2.50)	(2.64)	(2.70)	(2.83)	(2.89)
Cilk_membar_800	1.37	0.907	0.658	0.557	0.529	0.517	0.494	0.492
	(1.02)	(1.54)	(2.13)	(2.51)	(2.65)	(2.71)	(2.83)	(2.85)
Cilk_R_cas_800	1.37	0.908	0.598	0.507	0.460	0.454	0.424	0.411
	(1.02)	(1.54)	(2.34)	(2.76)	(3.04)	(3.08)	(3.30)	(3.41)
Cilk_R_membar_800	1.36	0.896	0.586	0.501	0.457	0.449	0.418	0.408
	(1.03)	(1.56)	(2.39)	(2.79)	(3.06)	(3.12)	(3.35)	(3.43)
Tascell_cas_800	1.29	0.861	0.578	0.502	0.458	0.441	0.417	0.409
	(1.09)	(1.63)	(2.42)	(2.79)	(3.06)	(3.17)	(3.36)	(3.42)
Tascell_membar_800	1.28	0.859	0.571	0.500	0.454	0.442	0.418	0.406
	(1.09)	(1.63)	(2.45)	(2.80)	(3.08)	(3.17)	(3.35)	(3.45)

2D-torus(2000)

# of cores	1	2	3	4	5	6	7	8
serial	0.580	_	_		_	_	_	_
serial_call	0.493	_	_		_	_	_	_
	(1.18)							
serial_call_cas	0.533	_	_		_	_	_	_
	(1.09)							
serial_call_membar	0.525	_	_		_	_	_	_
	(1.10)							
Cilk_cas	0.624	0.400	0.299	0.255	0.234	0.227	0.214	0.211
	(0.929)	(1.45)	(1.94)	(2.27)	(2.48)	(2.56)	(2.71)	(2.75)
Cilk_membar	0.617	0.393	0.293	0.249	0.230	0.224	0.213	0.210
	(0.940)	(1.48)	(1.98)	(2.33)	(2.52)	(2.59)	(2.72)	(2.76)
Cilk_R_cas	0.591	0.387	0.267	0.222	0.202	0.195	0.181	0.178
	(0.981)	(1.50)	(2.17)	(2.61)	(2.87)	(2.97)	(3.20)	(3.26)
Cilk_R_membar	0.584	0.377	0.253	0.217	0.199	0.190	0.178	0.171
	(0.993)	(1.54)	(2.29)	(2.67)	(2.91)	(3.05)	(3.26)	(3.39)
Tascell_cas	0.552	0.367	0.248	0.222	0.199	0.192	0.181	0.174
	(1.05)	(1.58)	(2.34)	(2.61)	(2.91)	(3.02)	(3.20)	(3.33)
Tascell_membar	0.545	0.364	0.242	0.218	0.196	0.190	0.175	0.173
	(1.06)	(1.59)	(2.40)	(2.66)	(2.96)	(3.05)	(3.31)	(3.35)
serial_call_800	0.288	_	_		_	_	_	_
	(2.01)							
serial_call_cas_800	0.360	_	_		_	_	_	_
	(1.61)							
serial_call_membar_800	0.336							_
	(1.73)							
Cilk_cas_800	0.601	0.399	0.294	0.257	0.237	0.233	0.220	0.239
	(0.965)	(1.45)	(1.97)	(2.26)	(2.45)	(2.49)	(2.64)	(2.43)
Cilk_membar_800	0.594	0.392	0.294	0.250	0.235	0.231	0.220	0.214
	(0.976)	(1.48)	(1.97)	(2.32)	(2.47)	(2.51)	(2.64)	(2.71)
Cilk_R_cas_800	0.587	0.388	0.266	0.225	0.203	0.198	0.185	0.179
	(0.988)	(1.49)	(2.18)	(2.58)	(2.86)	(2.93)	(3.14)	(3.24)
Cilk_R_membar_800	0.579	0.375	0.254	0.222	0.199	0.197	0.182	0.176
	(1.00)	(1.55)	(2.28)	(2.61)	(2.91)	(2.94)	(3.19)	(3.30)
Tascell_cas_800	0.548	0.368	0.252	0.221	0.199	0.192	0.180	0.176
	(1.06)	(1.58)	(2.30)	(2.62)	(2.91)	(3.02)	(3.22)	(3.30)
Tascell_membar_800	0.543	0.361	0.247	0.219	0.197	0.191	0.179	0.174
	(1.07)	(1.61)	(2.35)	(2.65)	(2.94)	(3.04)	(3.24)	(3.33)

Bintree(24)

# of cores	1	2	3	4	5	6	7	8
serial	0.558	_	_	_			_	_
serial_call	0.626	_	_	_			_	_
	(0.891)							
serial_call_cas	0.840							_
	(0.664)							
serial_call_membar	0.732	_		_				_
	(0.762)							
Cilk_cas	1.11	0.572	0.381	0.290	0.234	0.199	0.172	0.15
	(0.503)	(0.976)	(1.46)	(1.92)	(2.38)	(2.80)	(3.24)	(3.65)
Cilk_membar	0.999	0.516	0.344	0.262	0.214	0.182	0.158	0.14
	(0.559)	(1.08)	(1.62)	(2.13)	(2.61)	(3.07)	(3.53)	(3.96)
Cilk_R_cas	1.17	0.579	0.385	0.294	0.238	0.203	0.176	0.150
	(0.477)	(0.964)	(1.45)	(1.90)	(2.34)	(2.75)	(3.17)	(3.58)
Cilk_R_membar	1.08	0.560	0.370	0.280	0.227	0.193	0.167	0.149
	(0.517)	(0.996)	(1.51)	(1.99)	(2.46)	(2.89)	(3.34)	(3.74)
Tascell_cas	0.953	0.495	0.370	0.313	0.251	0.225	0.195	0.178
	(0.586)	(1.13)	(1.51)	(1.78)	(2.22)	(2.48)	(2.86)	(3.13)
Tascell_membar	0.839	0.438	0.327	0.301	0.205	0.210	0.173	0.15
	(0.665)	(1.27)	(1.71)	(1.85)	(2.72)	(2.66)	(3.23)	(3.60)
serial_call_800	0.627	_	_	_			_	_
	(0.890)							
serial_call_cas_800	0.840	_	_	_		_	_	_
	(0.664)							
serial_call_membar_800	0.732	_	_	_			_	_
	(0.762)							
Cilk_cas_800	1.12	0.572	0.381	0.289	0.235	0.199	0.172	0.15
	(0.498)	(0.976)	(1.46)	(1.93)	(2.37)	(2.80)	(3.24)	(3.65)
Cilk_membar_800	0.999	0.516	0.344	0.262	0.214	0.181	0.158	0.14
	(0.559)	(1.08)	(1.62)	(2.13)	(2.61)	(3.08)	(3.53)	(3.96)
Cilk_R_cas_800	1.16	0.580	0.386	0.295	0.239	0.203	0.177	0.15
	(0.481)	(0.962)	(1.45)	(1.89)	(2.33)	(2.75)	(3.15)	(3.58)
Cilk_R_membar_800	1.07	0.548	0.371	0.280	0.227	0.193	0.167	0.14
	(0.521)	(1.02)	(1.50)	(1.99)	(2.46)	(2.89)	(3.34)	(3.77)
Tascell_cas_800	0.955	0.494	0.369	0.339	0.254	0.222	0.182	0.18
	(0.584)	(1.13)	(1.51)	(1.65)	(2.20)	(2.51)	(3.07)	(3.07)
Tascell_membar_800	0.838	0.438	0.327	0.275	0.213	0.185	0.165	0.15
	(0.666)	(1.27)	(1.71)	(2.03)	(2.62)	(3.02)	(3.38)	(3.60)