	NO_PIVOT_SEQ	NO_PIVOT_PAR	PIVOT_SEQ	PIVOT_PAR
0	0	0	0	0.000002
100	0.001775	0.00236	0.001847	0.003152
200	0.013078	0.021009	0.013587	0.023949
300	0.045548	0.046715	0.048277	0.047832
400	0.103075	0.103873	0.103768	0.096249
500	0.199745	0.166797	0.199729	0.172272
600	0.342639	0.275971	0.346498	0.299383
700	0.548881	0.433235	0.553028	0.444656
800	0.821118	0.634209	0.835906	0.654631
900	1.193751	0.915649	1.193536	0.928757
1000	1.629197	1.221775	1.626817	1.393999
1100	2.152326	1.646936	2.170218	1.838448
1200	2.793202	2.362074	2.81547	2.178785
1300	3.558396	3.310399	3.58135	2.750634
1400	4.438408	4.530016	4.509953	3.776111
1500	5.459654	4.854733	5.510939	6.28426
1600	6.599221	5.133781	6.663153	6.061978
1800	9.409168	8.762176	9.518762	8.699561
1900	11.062365	9.299248	11.166607	11.140706
2000	13.381031	11.076618	13.393177	12.146508
2100	15.33157	13.490632	15.361895	13.128272
2200	17.342254	14.664903	17.215669	16.486133
2300	19.52786	16.493011	19.685158	15.727448
2400	22.196482	18.140491	23.127505	18.536365
2500	25.089435	20.68075	25.546922	21.039332
2600	28.153011	22.998887	29.077251	23.446018
2700	33.150078	25.838201	31.709939	26.415484
2800	35.212694	29.008708	35.33393	29.312577
3000	43.307905	35.146465	44.638725	35.876225
3100	47.58839	38.701423	48.744148	39.772179
3200	52.305146	42.541093	52.977152	43.374276
3300	57.297848	51.058773	58.707026	48.79541
3500	68.286723	55.800415	68.868583	56.826982
3600	77.206425	60.672295	74.831133	61.689017
3700	80.912213	66.00455	81.164913	67.140723
3800	87.060041	75.533382	93.185771	72.324182
3900	94.327722	78.078263	102.239023	79.339375
4000	101.708959	85.843968	109.700099	84.598582

LU factorisation Alogrithms - Size vs Exe time Analysis