

Solver	nCells	nIts	$\ r\ _2$	$\ e\ _2$	KSP time/DoF (s)
lu-richardson-umfpack	8	1	5.884e-15	1.067729e-03	1.037e-05
lu-richardson-umfpack	16	1	1.475e-14	2.729133e-04	2.910e-06
lu-richardson-umfpack	32	1	3.710e-14	6.885276e-05	9.990e-07
lu-richardson-umfpack	64	1	8.125e-14	1.728282e-05	2.458e-07
lu-richardson-mumps	8	1	9.491e-15	1.067729e-03	3.358e-05
lu-richardson-mumps	16	1	2.096e-14	2.729133e-04	1.492e-05
lu-richardson-mumps	32	1	3.694e-14	6.885276e-05	3.105e-05
lu-richardson-mumps	64	1	8.026e-14	1.728282e-05	2.900e-05
sor-richardson-none	8	113	4.999e-09	1.067731e-03	1.468e-03
sor-richardson-none	16	200	1.303e-04	3.854372e-04	6.916e-04
sor-richardson-none	32	200	7.146e-02	1.874269e-01	1.478e-04
sor-richardson-none	64	200	2.162e-01	1.117586e+00	1.055e-04
none-cg-none	8	34	9.482e-09	1.067729e-03	3.078e-04
none-cg-none	16	70	1.331e-08	2.729133e-04	2.669e-04
none-cg-none	32	138	2.076e-08	6.885277e-05	7.127e-05
none-cg-none	64	200	3.478e-05	1.869412e-05	1.344e-04
none-gmres-none	8	35	6.620e-09	1.067729e-03	1.561e-04
none-gmres-none	16	108	1.449e-08	2.729212e-04	4.288e-04
none-gmres-none	32	200	2.417e-06	7.169367e-05	3.126e-04
none-gmres-none	64	200	1.321e-02	6.188559e-02	1.254e-04
ilu-cg-none	8	12	6.463e-09	1.067729e-03	1.684e-04
ilu-cg-none	16	20	9.301e-09	2.729134e-04	5.261e-05
ilu-cg-none	32	35	2.147e-08	6.885273e-05	4.023e-05
ilu-cg-none	64	69	2.410e-08	1.728281e-05	2.271e-05
ilu-gmres-none	8	12	6.800e-09	1.067729e-03	9.381e-05
ilu-gmres-none	16	20	1.120e-08	2.729134e-04	3.668e-05
ilu-gmres-none	32	38	1.063e-08	6.885300e-05	3.229e-05
ilu-gmres-none	64	98	2.011e-08	1.728412e-05	7.492e-05
gamg-cg-none	8	8	1.452e-08	1.067729e-03	1.287e-04
gamg-cg-none	16	9	8.700e-09	2.729134e-04	3.658e-05
gamg-cg-none	32	9	5.198e-08	6.885250e-05	7.754e-06
gamg-cg-none	64	10	1.188e-08	1.728281e-05	8.274e-06
gamg-richardson-none	8	14	1.836e-08	1.067730e-03	1.029e-04
gamg-richardson-none	16	18	5.672e-09	2.729139e-04	3.380e-05
gamg-richardson-none	32	18	1.536e-08	6.885382e-05	3.172e-05
gamg-richardson-none	64	18	1.377e-08	1.728375e-05	6.999e-06

