Scaling of the direct solver

Legend:
- M1: $N_{dof} = 0.94$M
- M2: $N_{dof} = 5.37$M
- M3: $N_{dof} = 10.4$M
- M4: $N_{dof} = 15.7$M
- M5: $N_{dof} = 20.4$M
- Best fit: $\mathcal{O}(N_{dof}^{0.47})$
- Best fit: $\mathcal{O}(N_{dof}^{0.42})$
- Best fit: $\mathcal{O}(N_{dof}^{0.44})$
- Best fit: $\mathcal{O}(N_{dof}^{0.38})$
- Best fit: $\mathcal{O}(N_{dof}^{0.37})$

Speedup (y-axis)
Number of MPI processes (x-axis)