Parallel performance of the direct solver

Number of MPI processes vs Solving time [s]

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: $\mathcal{O}(N_{dof}^{-0.37})$