Memory complexity of the direct solver

Legend:
- 4 MPI processes
- 8 MPI processes
- 16 MPI processes
- 32 MPI processes
- 64 MPI processes

- Best fit: $\mathcal{O}(N_{dof}^{1.37})$
- Best fit: $\mathcal{O}(N_{dof}^{1.42})$
- Best fit: $\mathcal{O}(N^{1.54})$
- Best fit: $\mathcal{O}(N^{1.51})$
- Best fit: $\mathcal{O}(N^{1.43})$

Memory used by the direct sovler [GB]

Number of degrees of freedom (N_{dof})