

(a) pysparse



(c) petsc 3.18.5



(e) trilinos



(b) scipy



(d) petsc 3.20.2



— each solver & preconditioner  
— LinearCGSolver  
unpreconditioned

--- FiPy 3.4.4 (371d28468)  
— FiPy 4.0 (a5f233aa7)