Relative error between Gaussian elimination and exact solution  $10^{-1}$  $10^{-3}$ Max relative error,  $log_{10}(rac{v-u}{u})$ 10<sup>-5</sup>  $10^{-7}$  $10^{-9}$ 10-8  $10^{-2}$ 10<sup>-3</sup>  $10^{-5}$  $10^{-6}$  $10^{-7}$  $10^{-1}$  $10^{-4}$ Stepsize,  $log_{10}(h)$