(a) Accuracy and tolerance (Dir., Rand. Exp., N = 18021) Method(*)**FGG** 0.000000 FINUFFT Accuracy $\bar{\rho}_* - \rho_v$ -0.000003 $\overline{\rho_v} = 0.0006$ -0.000006 -0.000009 $10^{-14} \ 10^{-13} \ 10^{-12} \ 10^{-11} \ 10^{-10} \ 10^{-9} \ 10^{-8} \ 10^{-7} \ 10^{-6} \ 10^{-5} \ 10^{-4} \ 10^{-3} \ 10^{-2}$ Tolerance ϵ