Average Runtime vs Matrix Size Rounding Mode: Stochastic (prop) Method MATLAB chop PyTorch LightChop 10¹ ↓ → NumPy LightChop -- PyTorch Chop NumPy Chop Runtime (seconds) 10^{0} 10^{-1} Average 10^{-2} 212 26 28 2^{10} 2¹⁴ Matrix Size (n x n)