Scalability of Various ML Function Derivatives: Python vs Cython Operations Sigmoid (Python) Sigmoid (Cython) 25 Tanh (Python) Tanh (Cython) ReLU (Python) ReLU (Cython) 20 SoftPlus (Python) SoftPlus (Cython) Execution Time (s) MSE(x, y=1) (Python) MSE (x, y=1) (Cython) 15 BCE (x, y=1) (Python) BCE (x, y=1) (Cython) 0.0 0.2 0.40.60.8 1.0 $\times 10^7$ Dataset Size