Neural network with $|\theta| = 53$ **10**¹³ heh+, sto-3g **10**¹² **10**¹¹ heh+, 6-31g **10**¹⁰ h2, sto-3g **10**⁹ eigenvalues of final Hessian h2, 6-31g **10**⁸ 10⁷ 10⁶ 10⁵ 10⁴ 10³ **10**² **10**¹ **10**⁰ -**10**0 -10¹ -10^{2} -10^{3} -10^{4} -10^{5} 20 30 **53**