Neural Network Convergence to $\mathbb{E}[Y|X]$ in Gaussian Example Neural Network 1.0 Analytic $f_S = 0.5$ 0.8 $f_S = 0.05$ $f_S = 0.005$ 0.6 J <u>菜</u> 至 $f_S = 0.0005$ $f_S=0$ 0.4 0.2 0.0