Relative error of ToricRBM for the 2d Toric code vs external field in [0. 0.8 0.] direction on a [3 3] lattice  $10^{-1}$  $10^{-2}$ 10<sup>-3</sup> relative error  $10^{-5}$  $10^{-6}$  $10^{-7}$ 0.2 0.3 0.5 0.6 0.1 0.7 0.0 0.4 8.0 external field