State cosHD_sinVA_mix_HD, chi_sweep_45 0.1 $W, \eta = 45$ W_{1} , $\eta = 45$ 0.0 Witness value -0.1 --0.3 -0.4 0.2 1.0 1.2 1.4 0.6 0.4 0.8 0.0 1.6