$J_D = 0.0$
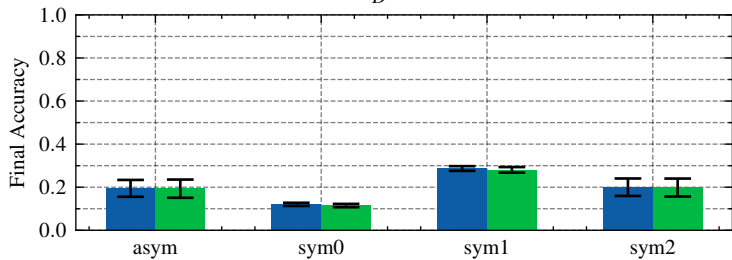
$J_D = 0.5$