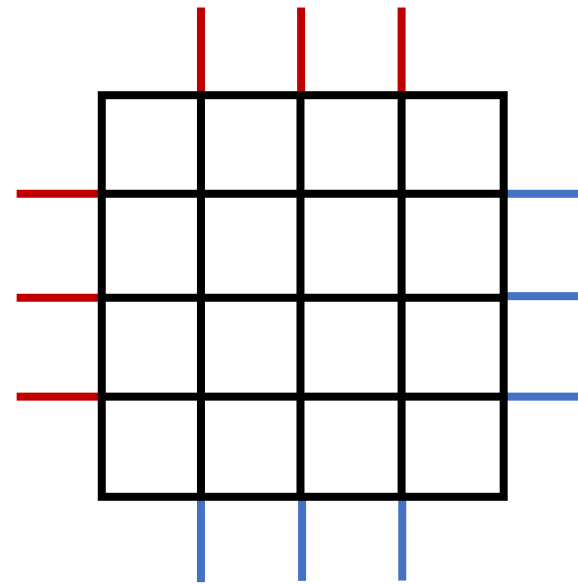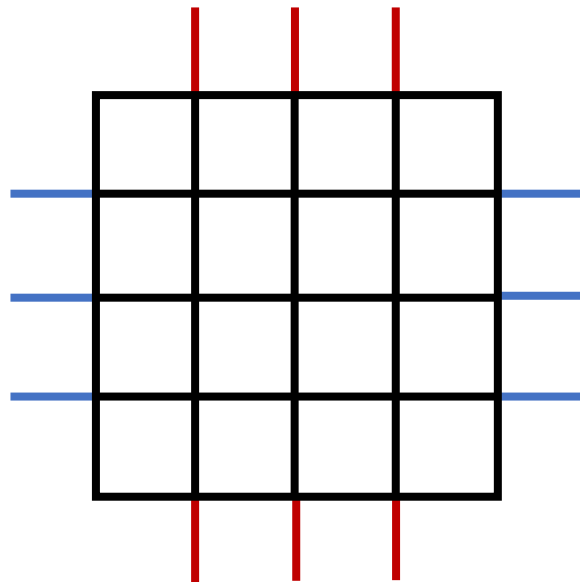(0) staggered   (1) walls_opposite
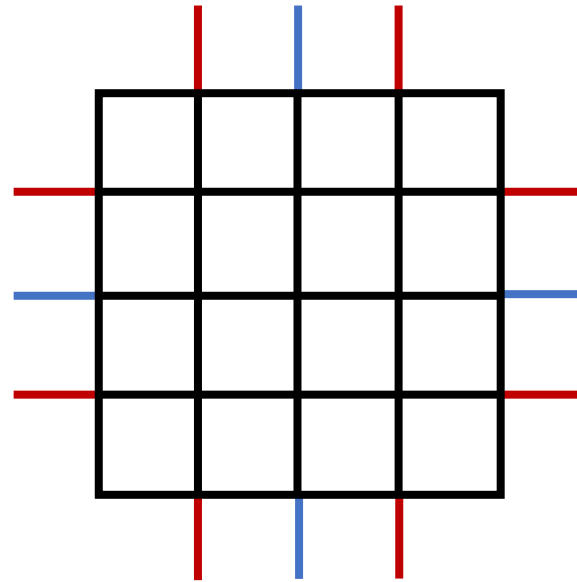
$S^z_\mu = \dfrac{1}{2}$

$S^z_\mu = -\dfrac{1}{2}$

(2) walls_equal   (3) all_edges_equal

$S_\mu^z = \dfrac{1}{2}$

$S_\mu^z = -\dfrac{1}{2}$