Deconfined phase.
4-fold degenerate ground state: $V_x = \pm 1$, $V_y = \pm 1$.
Can take linear combinations to make
eigenstates with $W_x = \pm 1$, $W_y = \pm 1$.
$\mathbb{Z}_2$ flux expelled.
Topological order.

Confined phase.
Unique ground state
has $V_x = 1$, $V_y = 1$.
No topological order

g_c

g

$\widetilde{g}$