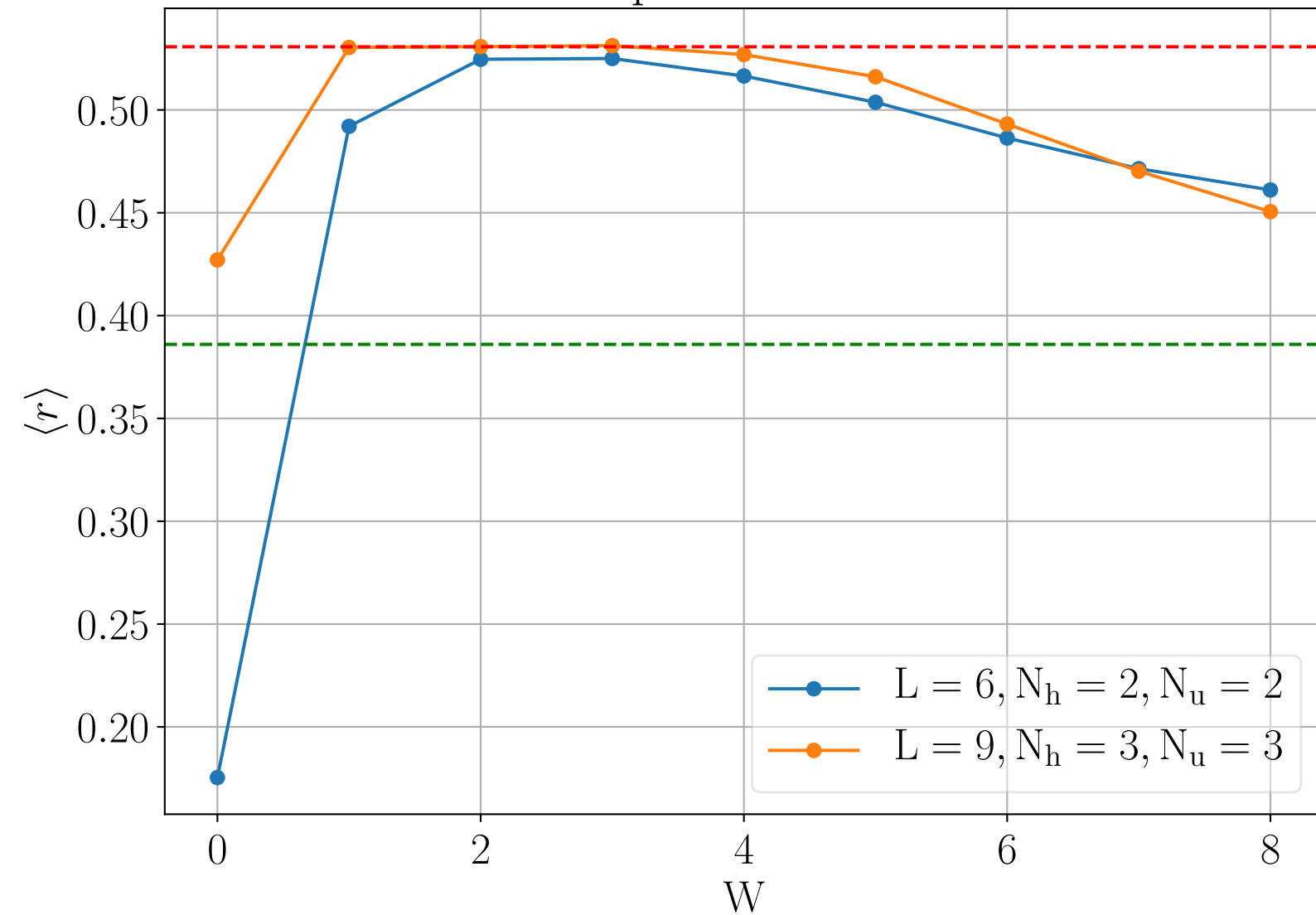Mean level spacing analysis
$t = -1.00$, $J = 1.00$, $H_\perp = 0.20$

Spin disorder

Hole disorder

$\langle r \rangle$

W

H

L = 6, N_h = 2, N_u = 2
L = 9, N_h = 3, N_u = 3