Exact eigenvalues vs. VQE estimated eigenvalues **Exact eigenvalues** VQE estimated eigenvalues 0.0 0.2 0.4 0.6 8.0 1.0 1.2 1.4 1.6 1.8 2.0

-1.0

-1.2

Energy eigenvalue -1.6 -1.8

-2.0

-2.2