ADAPT QAOA 2L **QAOA** 1.2 Mean(Grad) Mean(Grad) 1.0 3 0.8 0.6 2 0.4 1 0.2 0.0 0 5 5 0 1 2 3 0 1 3 4 2 4 Radius Radius **ADAPT VQE 2L** VQE(d=200)1.2 Mean(Grad) Mean(Grad) 4 1.0 3 0.8 0.6 2 0.4 1 0.2 0.0 0

3

4

2

Radius

0

1

5

0

1

3

2

Radius

5

4