## ADAPT vs Seq-ADAPT (L-BFGS-B) 10<sup>0</sup> ADAPT (8 layers) Seq-ADAPT (30 layers) Seq-ADAPT + final run (9 layers) Seq-ADAPT + final run (10 layers) Seq-ADAPT + final run (15 layers) $10^{-1}$ Seq-ADAPT + final run (20 layers) Relative error 10-2 $10^{-4}$

1500

Circuit depth

2000

2500

3000

500

0

1000