Optimization process with different methods
zero initial parameter, $N_{qubits} = 10$, $N_{layers} = 100$

Legend:
- E_{ground}
- ADAM
- BFGS
- Cosine
- GD
- Parameter shift rule
- Powell
- COBYLA

X-axis: Number of cost function evaluation ($\times 10^6$)

Y-axis: Minimized energy