

$$\Omega=2; r_o=12.5 \text{ \$/bbl}$$

PVI

0 0.2 0.4 0.6 0.8

Level 1
Level 2
Level 3

PSO; Grid: 50×1 ; $\Delta PVI=0.02$

0.222

0.698

NPV

0.4277

BFGS; Grid: 15×15 ; $\Delta PVI=0.001$

0.192

0.71

0.4058

0.4102

BFGS; Grid: 50×50 ; $\Delta PVI=0.0025$

0.207

0.735

0.4

0.4019

Number of
simulations



Computational
cost per simulation



Computational
cost per level

