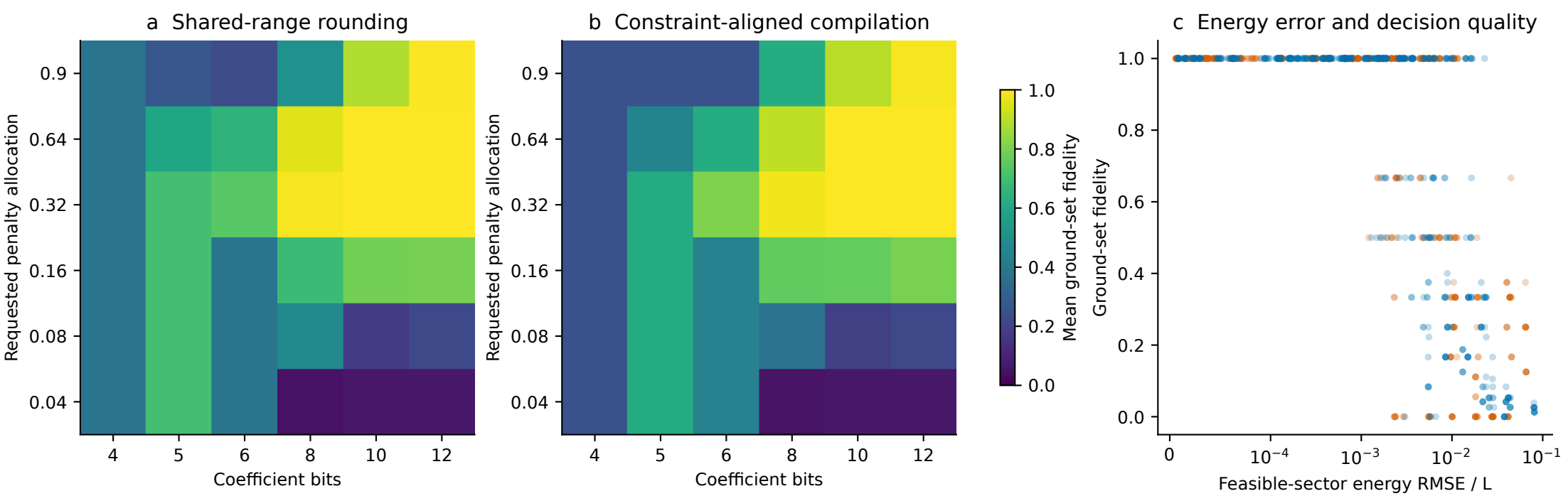

a Shared-range rounding
b Constraint-aligned compilation
c Energy error and decision quality
Requested penalty allocation
0.9
0.64
0.32
0.16
0.08
0.04
4
5
6
8
10
12
Coefficient bits
Mean ground-set fidelity
1.0
0.8
0.6
0.4
0.2
0.0
Ground-set fidelity
0
10^{-4}
10^{-3}
10^{-2}
10^{-1}
Feasible-sector energy RMSE / L