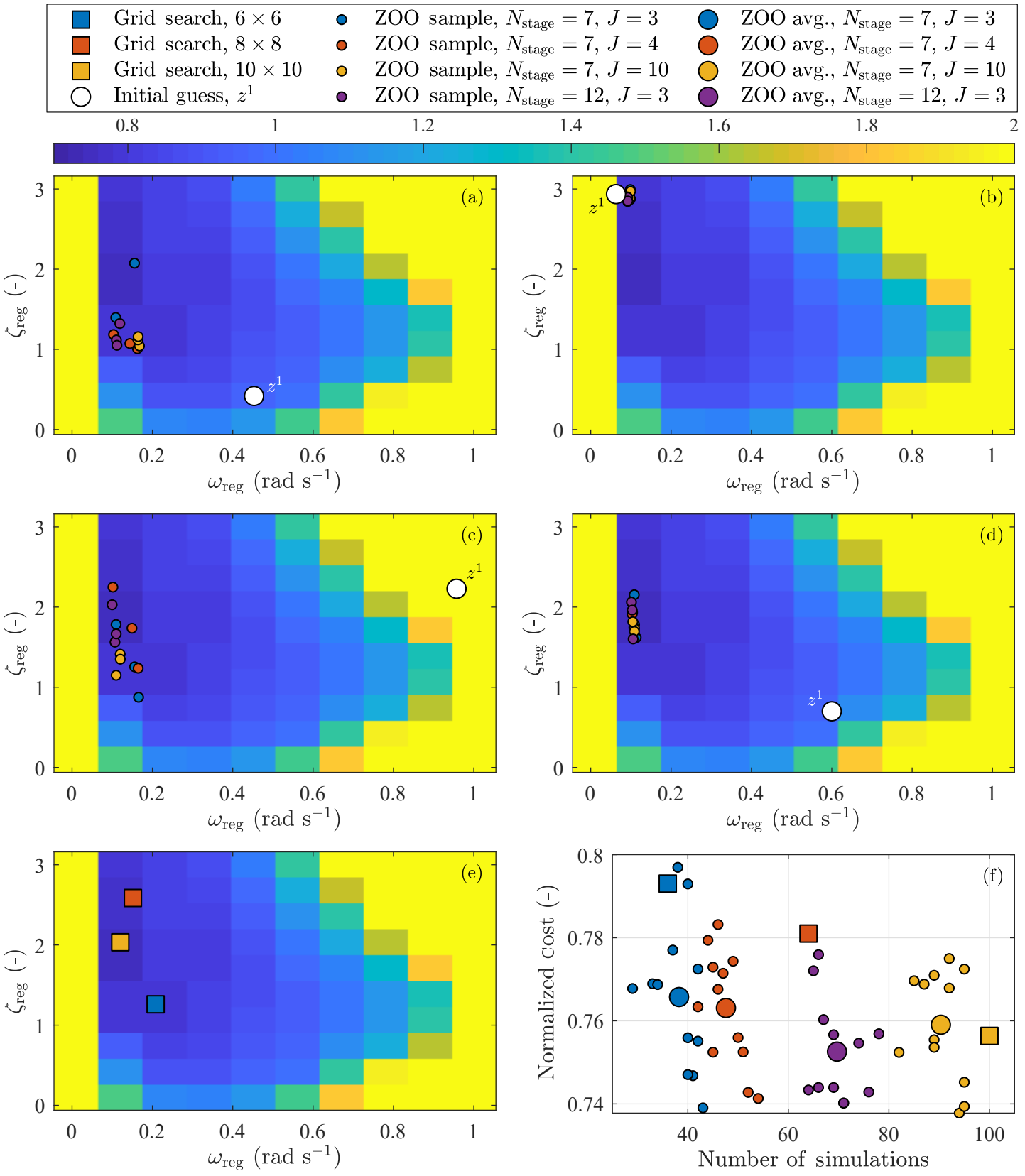
Grid search, 6 × 6
Grid search, 8 × 8
Grid search, 10 × 10
Initial guess, z^1
ZOO sample, $N_{\text{stage}} = 7$, $J = 3$
ZOO sample, $N_{\text{stage}} = 7$, $J = 4$
ZOO sample, $N_{\text{stage}} = 7$, $J = 10$
ZOO sample, $N_{\text{stage}} = 12$, $J = 3$
ZOO avg., $N_{\text{stage}} = 7$, $J = 3$
ZOO avg., $N_{\text{stage}} = 7$, $J = 4$
ZOO avg., $N_{\text{stage}} = 7$, $J = 10$
ZOO avg., $N_{\text{stage}} = 12$, $J = 3$
0.8
1
1.2
1.4
1.6
1.8
2
(a)
(b)
(c)
(d)
(e)
(f)
z^1
ζ_{reg} (-)
ω_{reg} (rad s^{-1})
Normalized cost (-)
Number of simulations