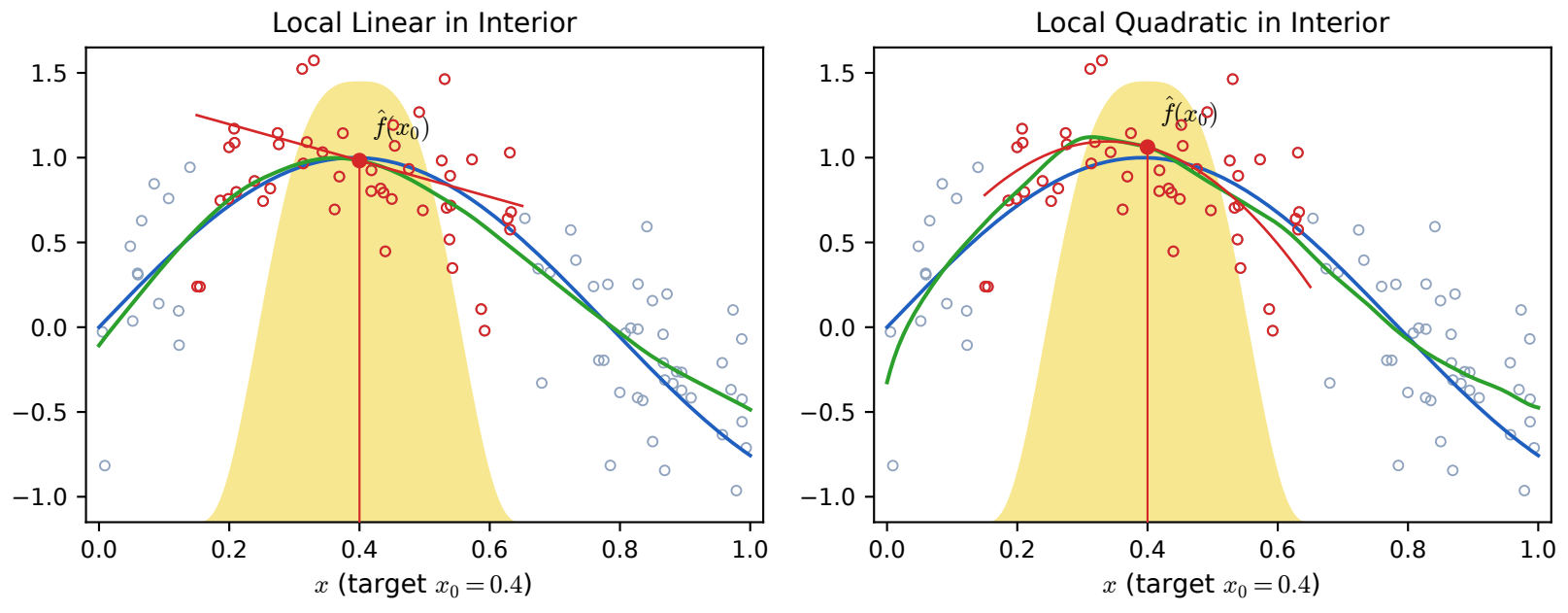

Local Linear in Interior
Local Quadratic in Interior
$\hat{f}(x_0)$
$\hat{f}(x_0)$
1.5
1.0
0.5
0.0
−0.5
−1.0
0.0
0.2
0.4
0.6
0.8
1.0
x (target $x_0 = 0.4$)
x (target $x_0 = 0.4$)