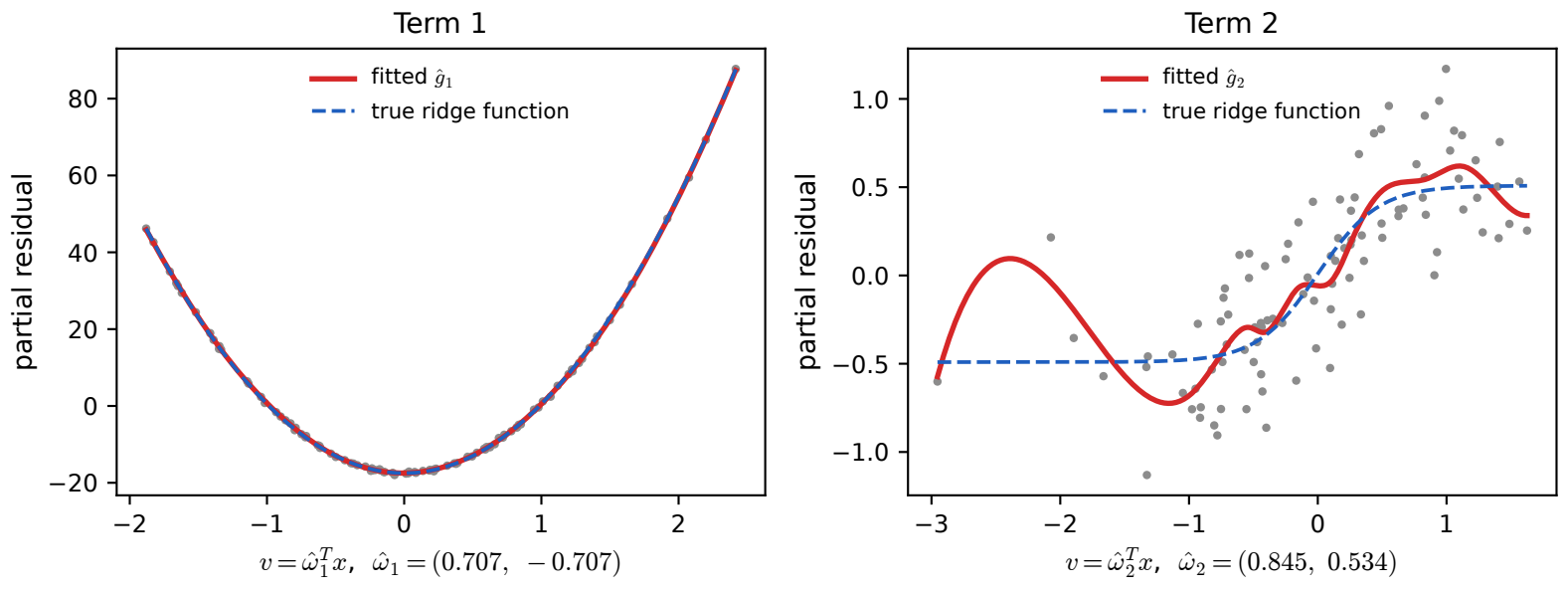

Term 1
fitted $\hat{g}_1$
true ridge function
partial residual
80
60
40
20
0
−20
−2
−1
0
1
2
$v = \hat{\omega}_1^T x,\ \hat{\omega}_1 = (0.707,\ -0.707)$
Term 2
fitted $\hat{g}_2$
true ridge function
partial residual
1.0
0.5
0.0
−0.5
−1.0
−3
−2
−1
0
1
$v = \hat{\omega}_2^T x,\ \hat{\omega}_2 = (0.845,\ 0.534)$