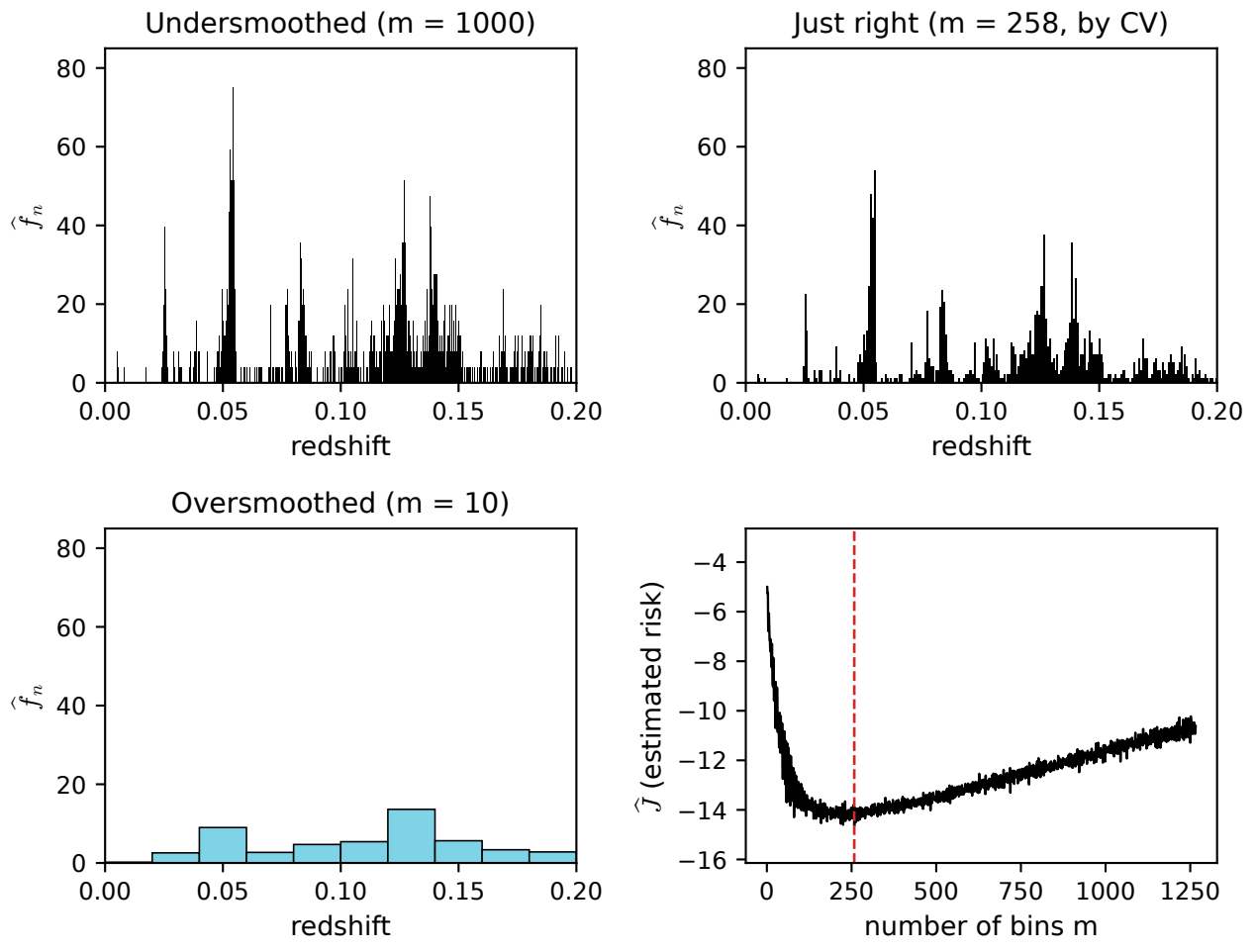

Undersmoothed (m = 1000)
Just right (m = 258, by CV)
Oversmoothed (m = 10)
$\widehat{f}_n$
redshift
$\widehat{J}$ (estimated risk)
number of bins m
0
20
40
60
80
0.00
0.05
0.10
0.15
0.20
−4
−6
−8
−10
−12
−14
−16
250
500
750
1000
1250