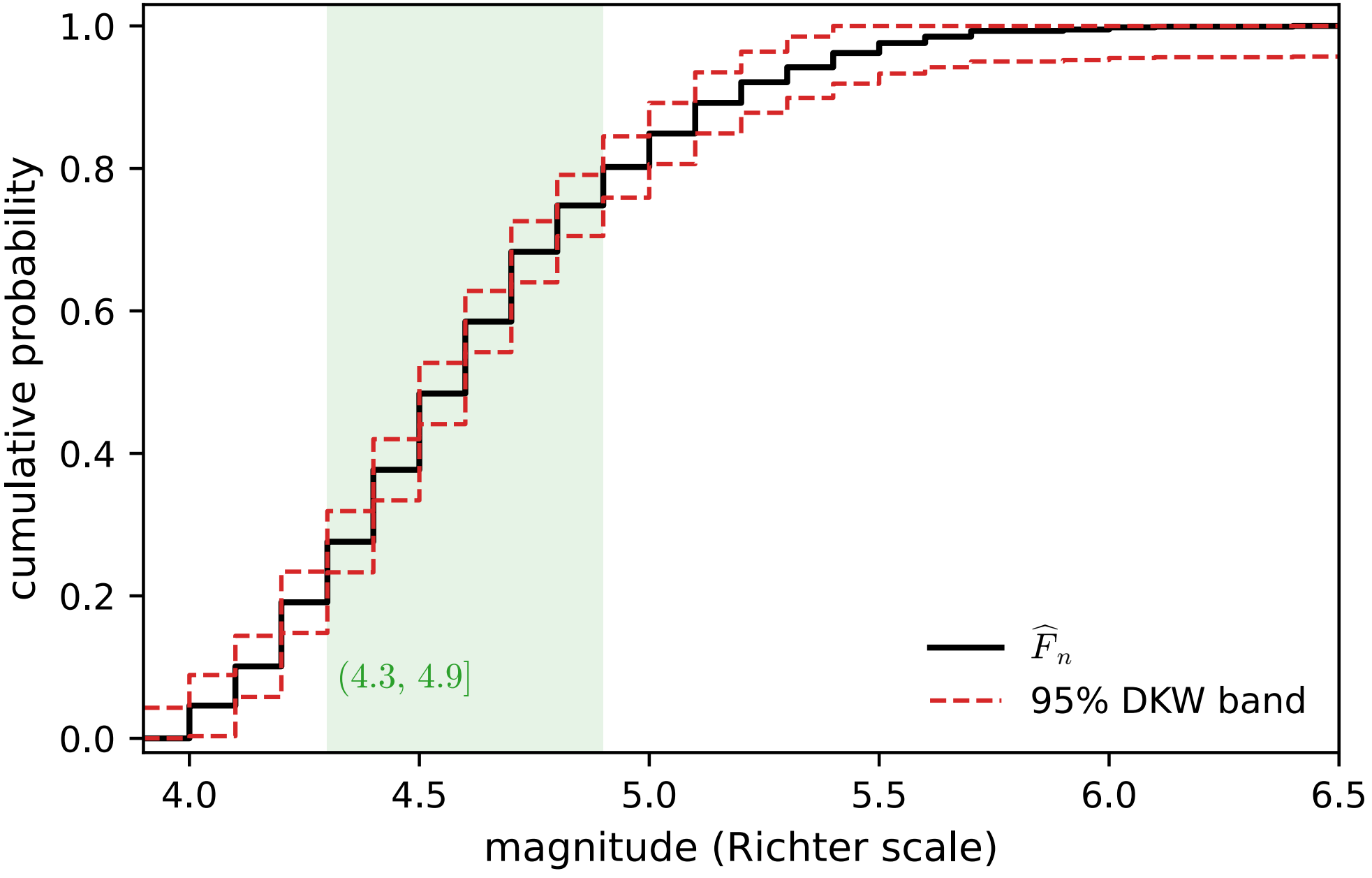

1.0
0.8
0.6
0.4
0.2
0.0
cumulative probability
4.0
4.5
5.0
5.5
6.0
6.5
magnitude (Richter scale)
(4.3, 4.9]
$\widehat{F}_n$
95% DKW band