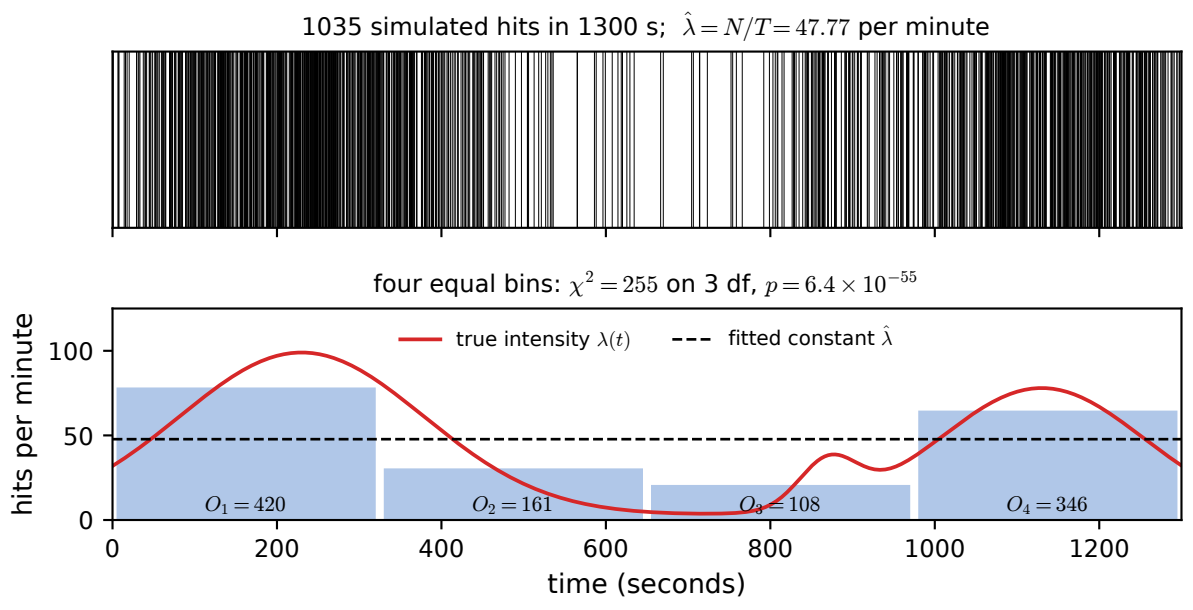

1035 simulated hits in 1300 s; $\hat{\lambda} = N/T = 47.77$ per minute
four equal bins: $\chi^2 = 255$ on 3 df, $p = 6.4 \times 10^{-55}$
true intensity $\lambda(t)$
fitted constant $\hat{\lambda}$
hits per minute
100
50
0
$O_1 = 420$
$O_2 = 161$
$O_3 = 108$
$O_4 = 346$
0
200
400
600
800
1000
1200
time (seconds)