(a) Close encounters ($k \leq 100$), $R = 100$, $N = 2{,}992$
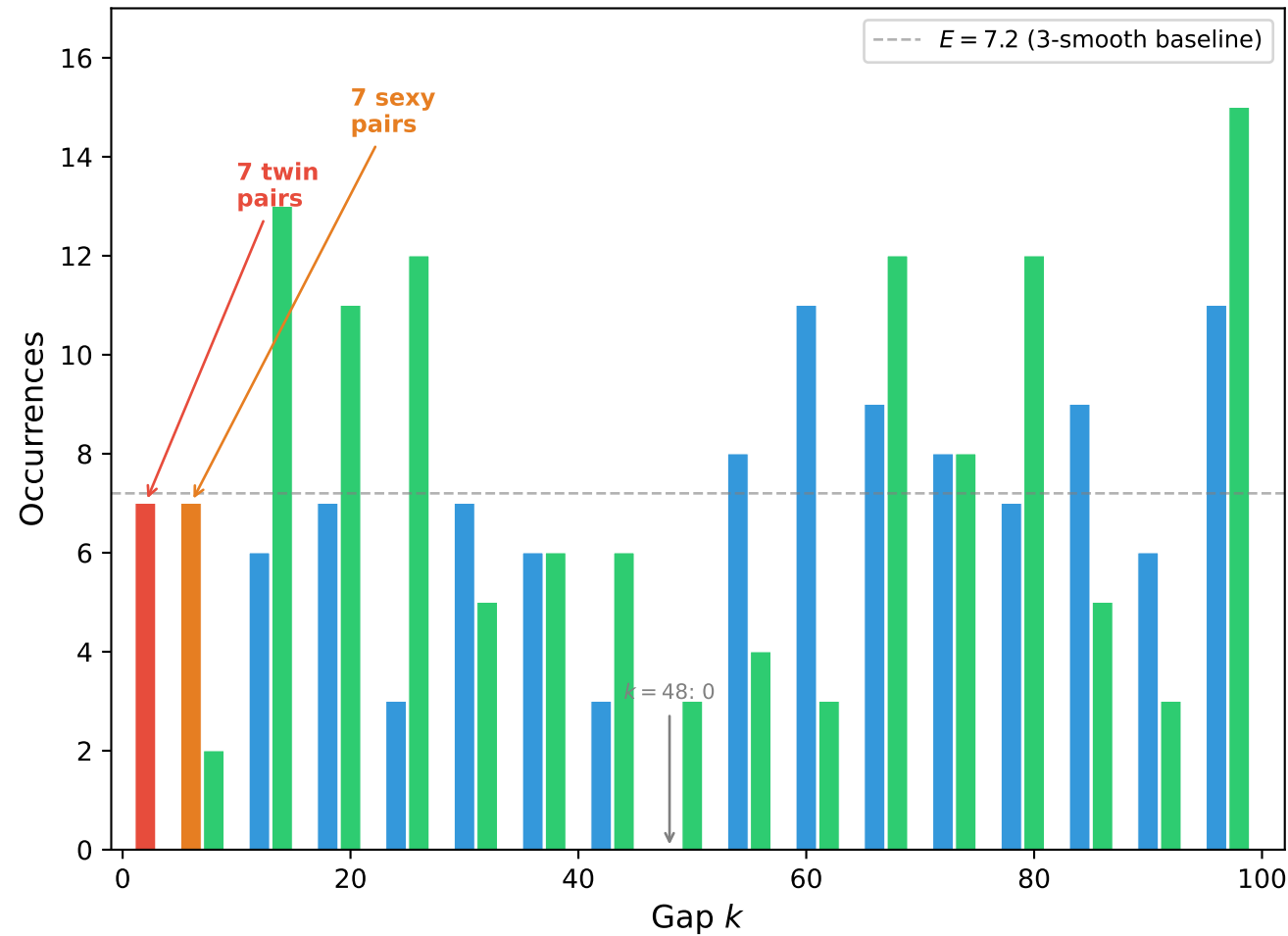
(b) Detail: $k \leq 30$ with conditional $E[k]$