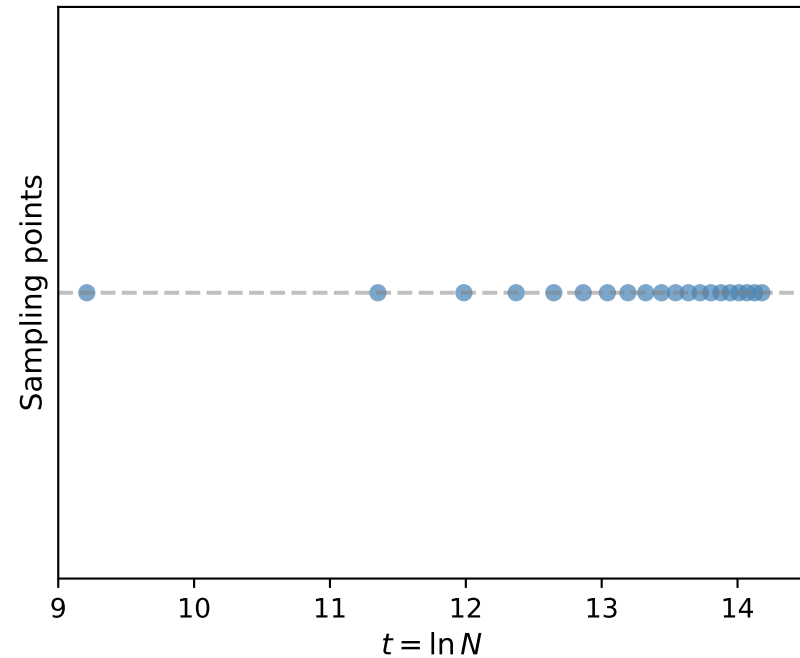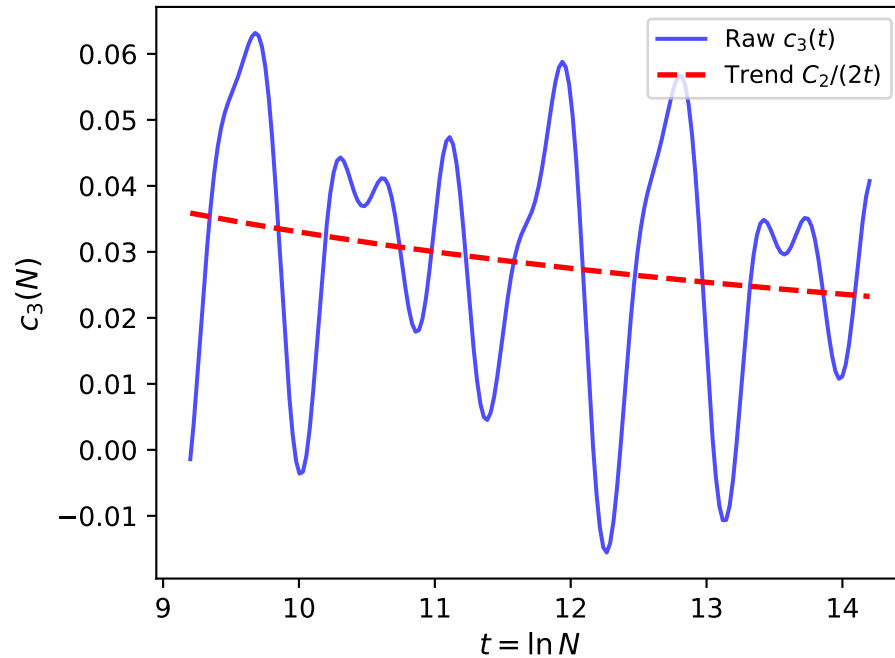**(A) Uniform sampling in $t = \ln N$**

(B) Detrending: subtract $C_2/(2t)$

(C) FFT Power Spectrum: L-function Zero Detection

Panel A — y-axis: Sampling points; x-axis: $t = \ln N$

Panel B — y-axis: $c_3(N)$; x-axis: $t = \ln N$
Legend: Raw $c_3(t)$; Trend $C_2/(2t)$

Panel C — y-axis: Power; x-axis: Frequency γ
Legend:
$L(s, \chi_3)$: $\gamma_1 = 8.04$
$L(s, \chi_5)$: $\gamma_1 = 6.02$
$L(s, \chi_7)$: $\gamma_1 = 5.20$
$\zeta(s)$: $\gamma_1 = 14.13$

χ_7: 3.5%
χ_5: 2%

$\zeta(\frac{1}{2} + 14.13i)$
Detected: $\gamma = 13.8$
Offset: 2.3% ($< \Delta\gamma$)