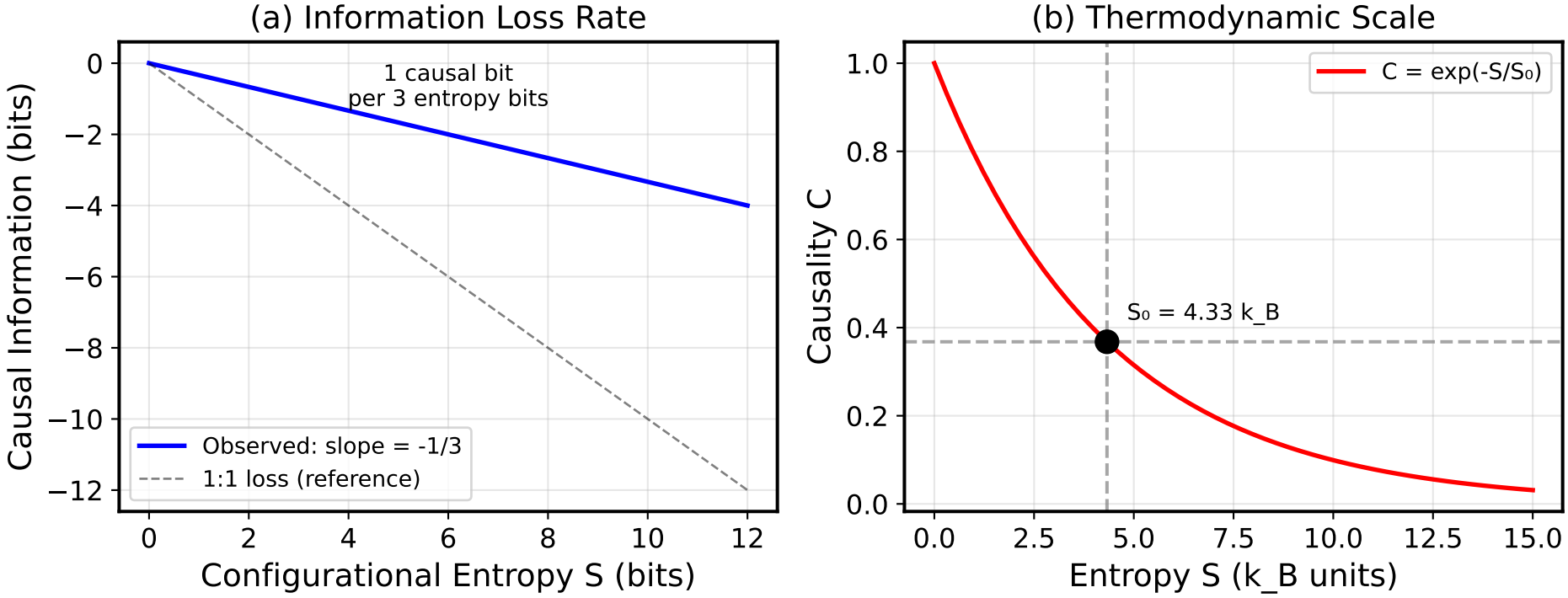
(a) Information Loss Rate
1 causal bit
per 3 entropy bits
Observed: slope = -1/3
1:1 loss (reference)
Causal Information (bits)
Configurational Entropy S (bits)
0
−2
−4
−6
−8
−10
−12
0
2
4
6
8
10
12
(b) Thermodynamic Scale
C = exp(-S/S₀)
S₀ = 4.33 k_B
Causality C
Entropy S (k_B units)
1.0
0.8
0.6
0.4
0.2
0.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0