	SYK model	Charged black holes
A	$\frac{S(T)}{k_B} = N(\mathcal{S} + \gamma\, k_B T) - \frac{3}{2} \ln\left(\frac{U}{k_B T}\right) + \ldots$	$\frac{S(T)}{k_B} = \frac{1}{\hbar G}\left(\frac{A_0 c^3}{4} + \frac{\sqrt{\pi} A_0^{3/2} c^2}{2} \frac{k_B T}{\hbar}\right) - \frac{3}{2} \ln\left(\frac{U}{k_B T}\right) + \ldots$
B	$G(\tau) \sim e^{-2\pi \mathcal{E} T \tau} \left(\frac{T}{\sin(\pi T \tau)}\right)^{2\Delta}$	$G(\tau) \sim e^{-2\pi \mathcal{E} T \tau} \left(\frac{T}{\sin(\pi T \tau)}\right)^{2\Delta}$
C	$\frac{1}{k_B} \frac{d\mathcal{S}}{d\mathcal{Q}} = 2\pi \mathcal{E}$	$\frac{1}{k_B} \frac{d\mathcal{S}}{d\mathcal{Q}} = 2\pi \mathcal{E}$
D	$\mathcal{N}_{\mathcal{Q}}(E) \sim \exp(N\mathcal{S}) \sinh\left(\sqrt{2N\gamma E}\right)$	$\mathcal{N}_{\mathcal{Q}}(E) \sim \exp\left(\frac{A_0 c^3}{4\hbar G}\right) \sinh\left(\left[\sqrt{\pi} A_0^{3/2} \frac{c^3}{\hbar G} \frac{E}{\hbar c}\right]^{1/2}\right)$