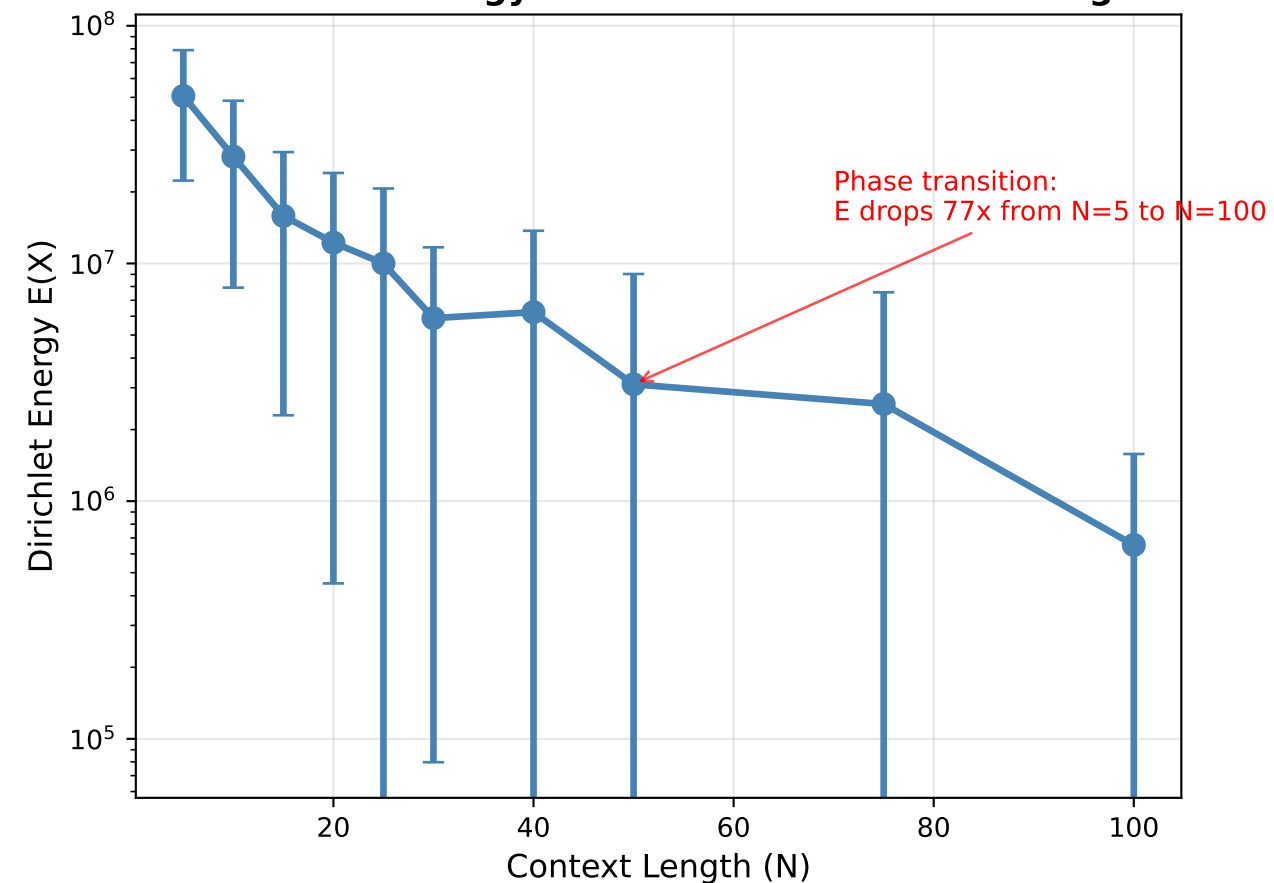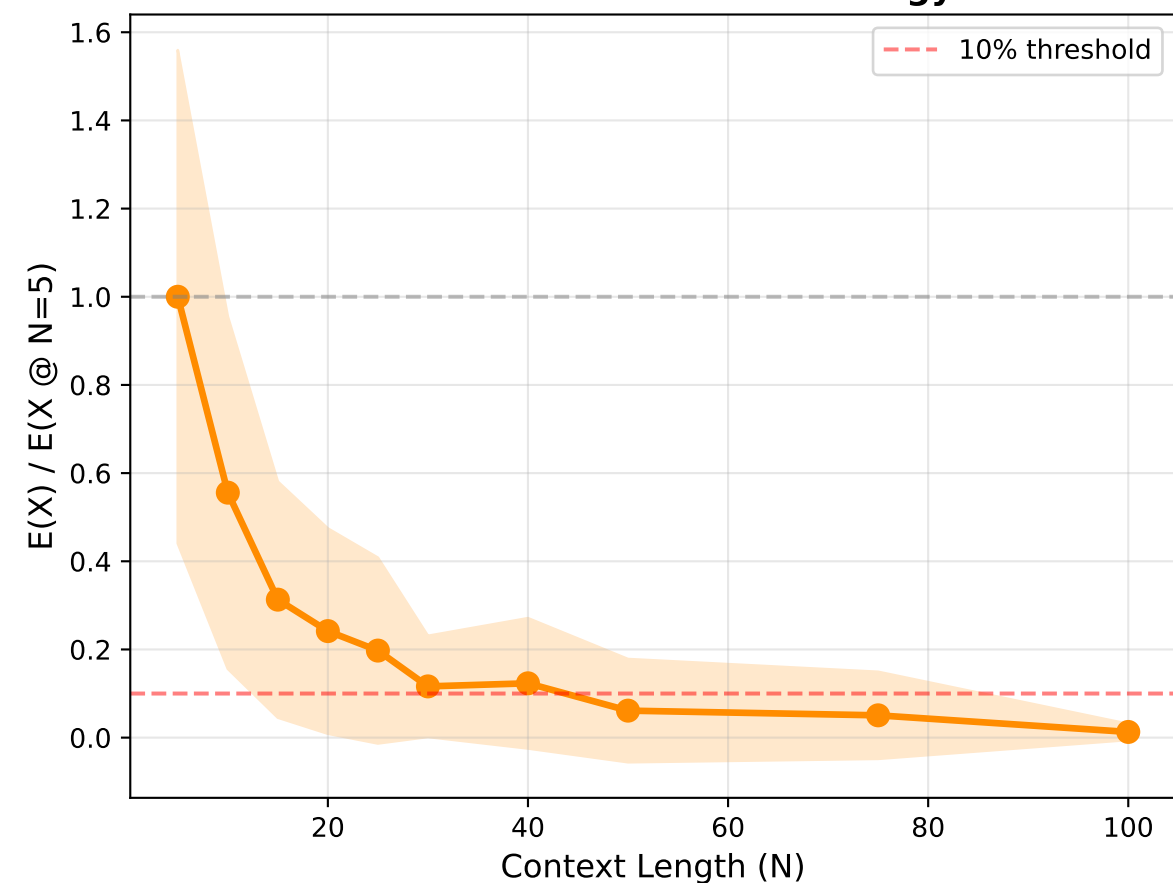**Reproduction of Park et al. (2024): In-Context Learning of Representations**
Model: Qwen/Qwen2.5-7B | Graph: 4×4 Grid
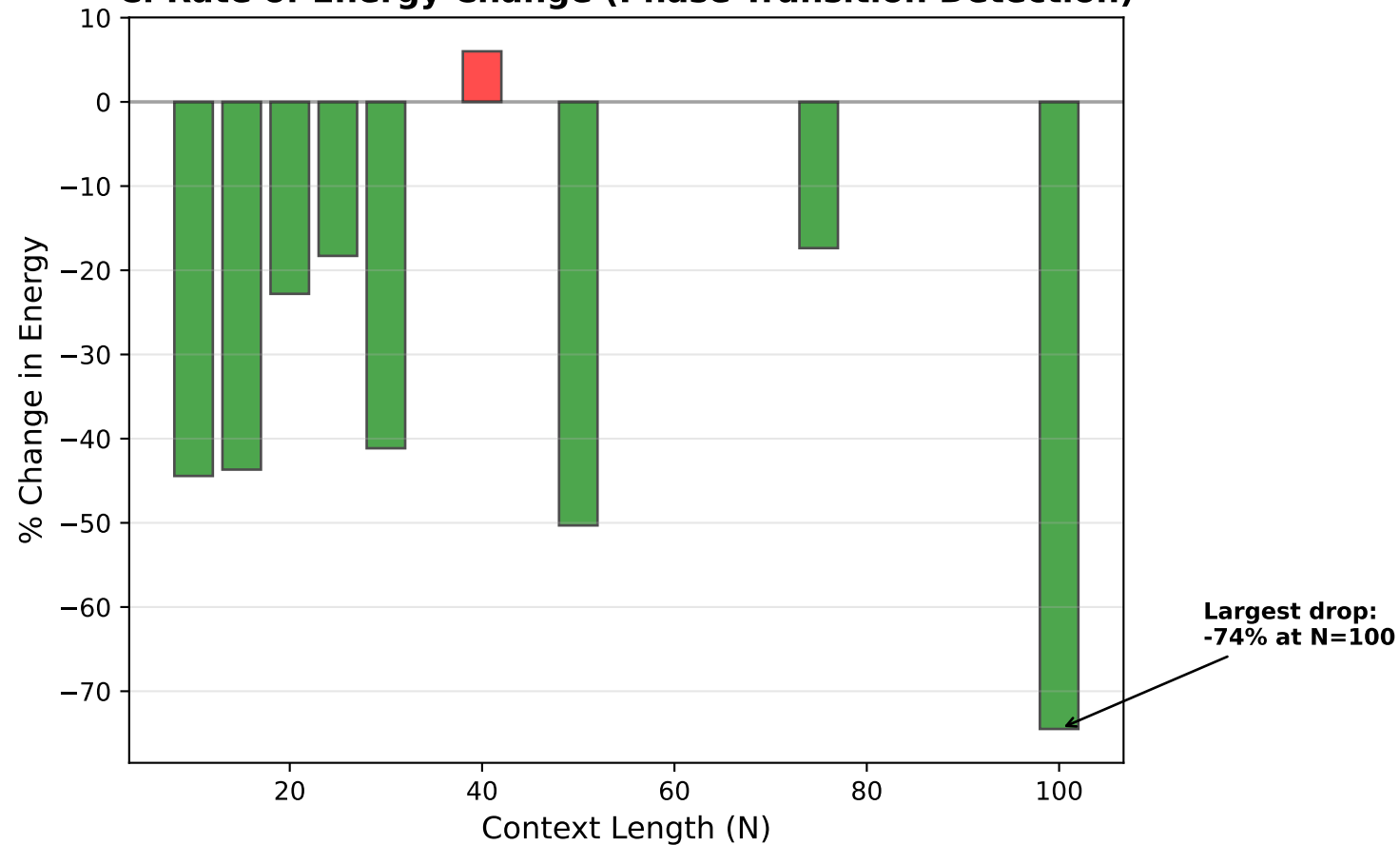
A. Dirichlet Energy Decreases with Context Length

Phase transition:
E drops 77x from N=5 to N=100

B. Normalized Dirichlet Energy

10% threshold

C. Rate of Energy Change (Phase Transition Detection)

Largest drop:
-74% at N=100

D. Mean vs Median Energy (Robustness)

Mean
Median