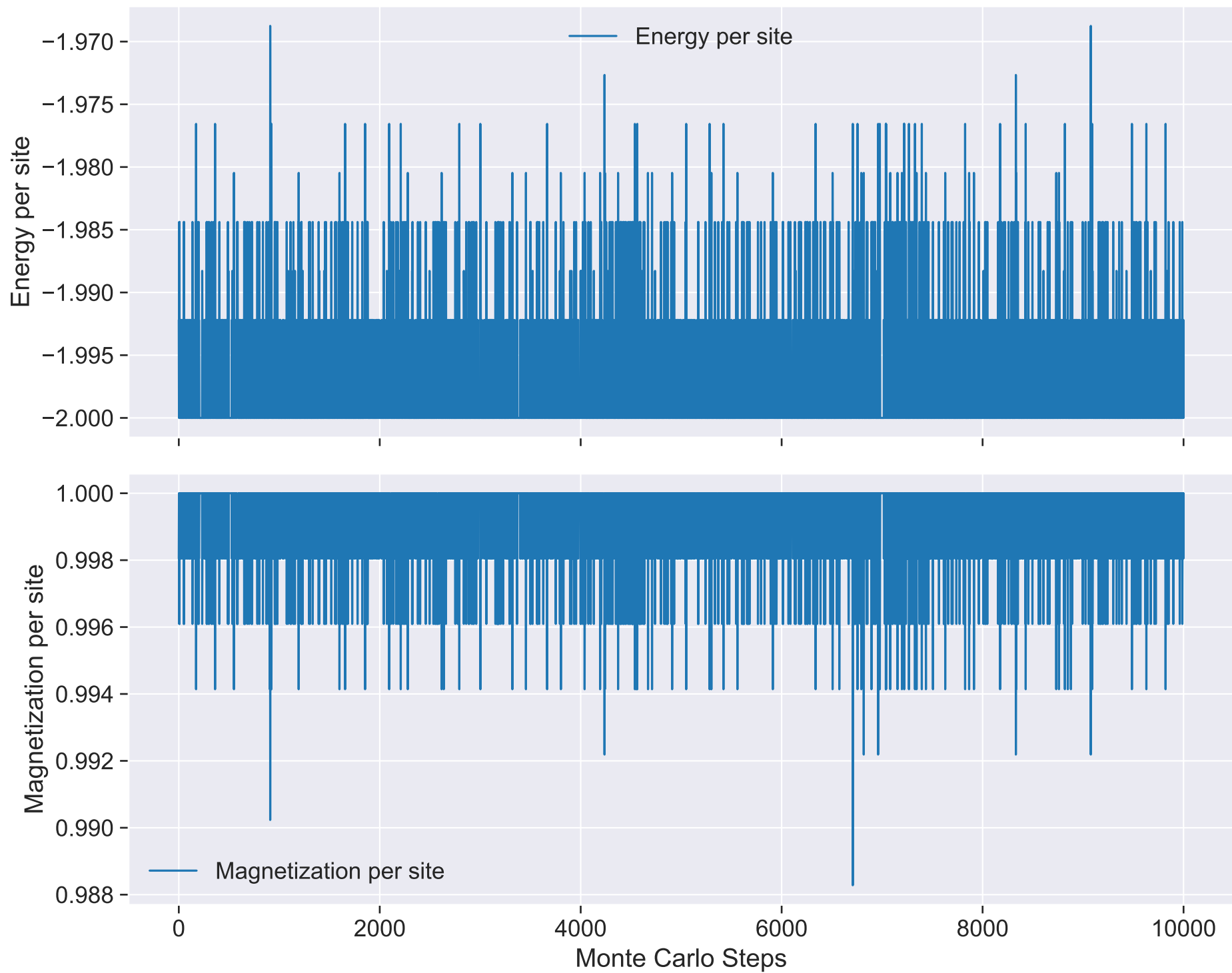
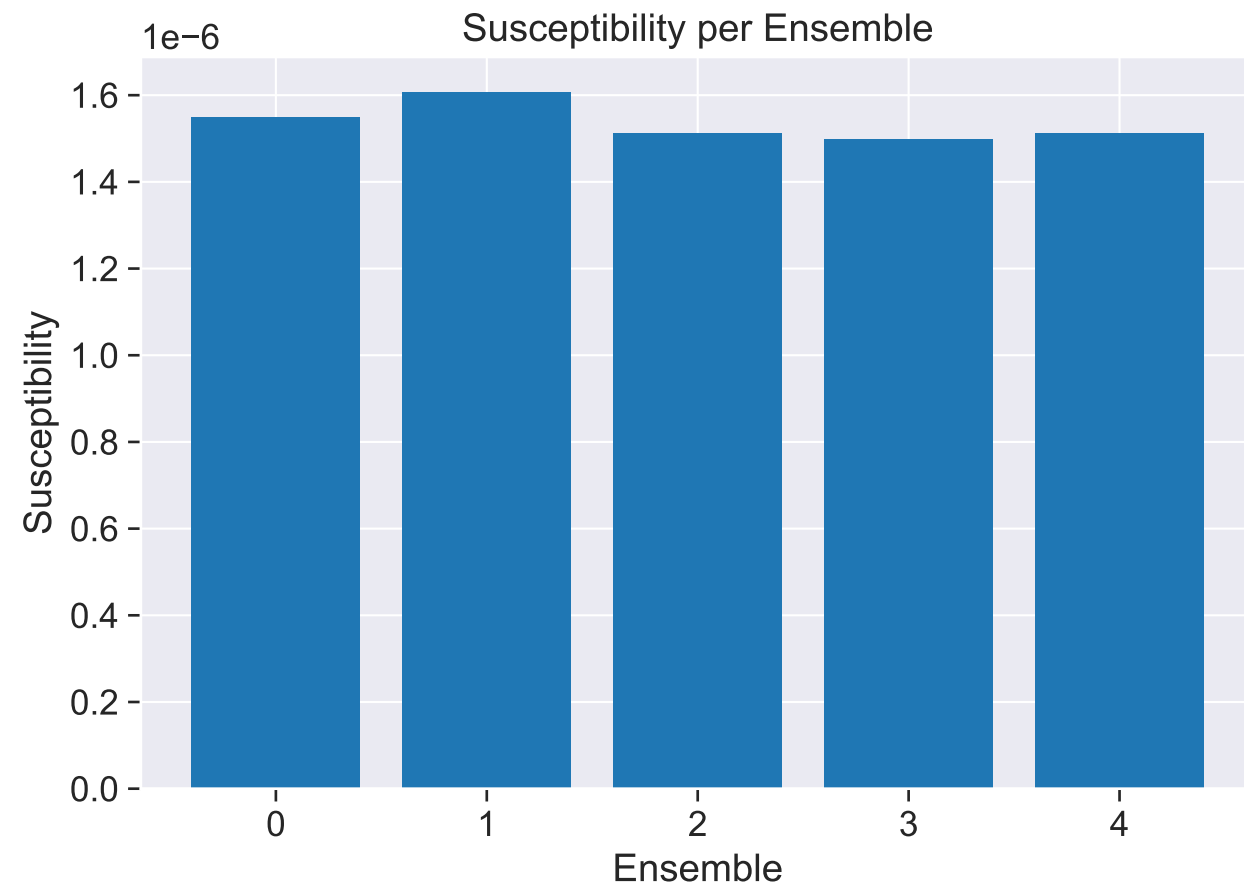
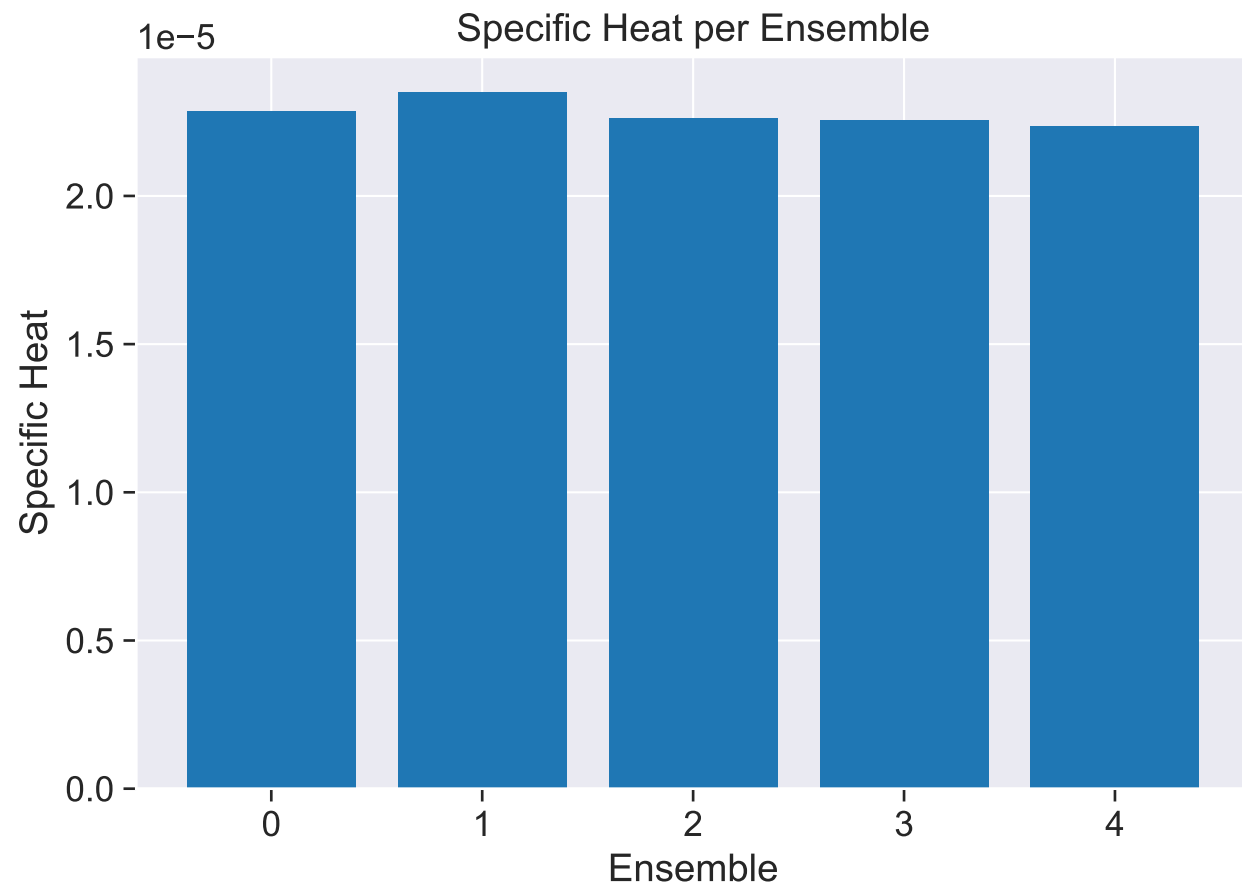
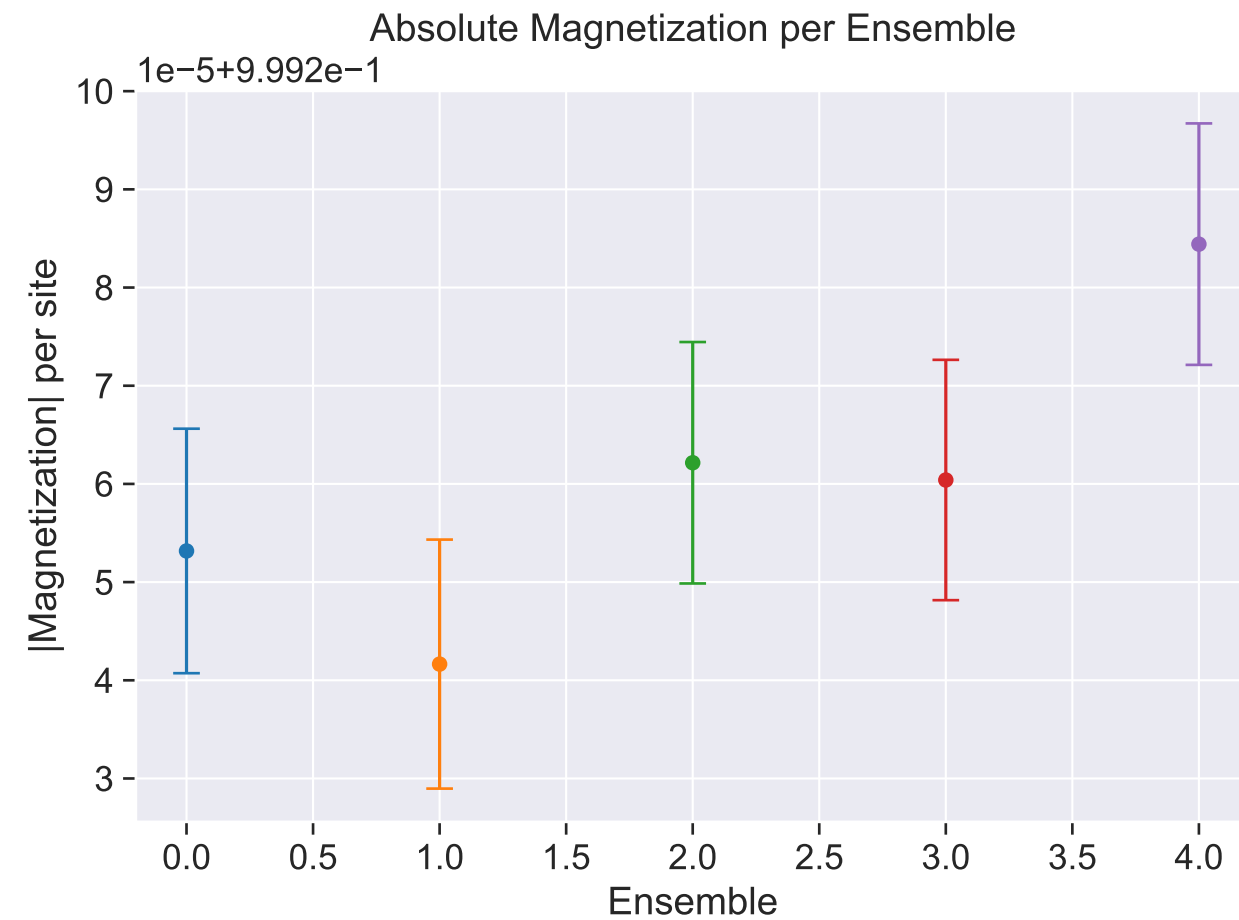
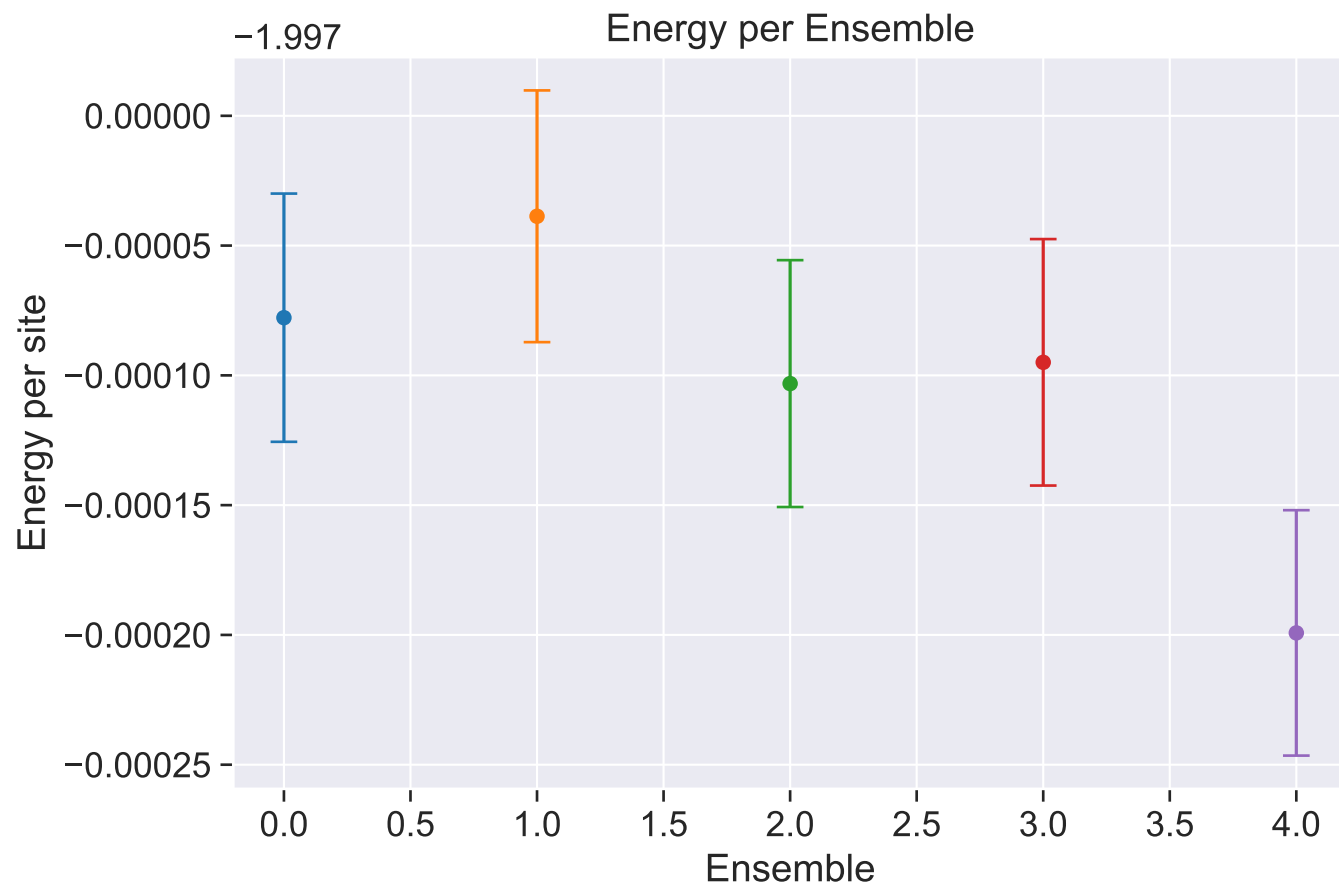
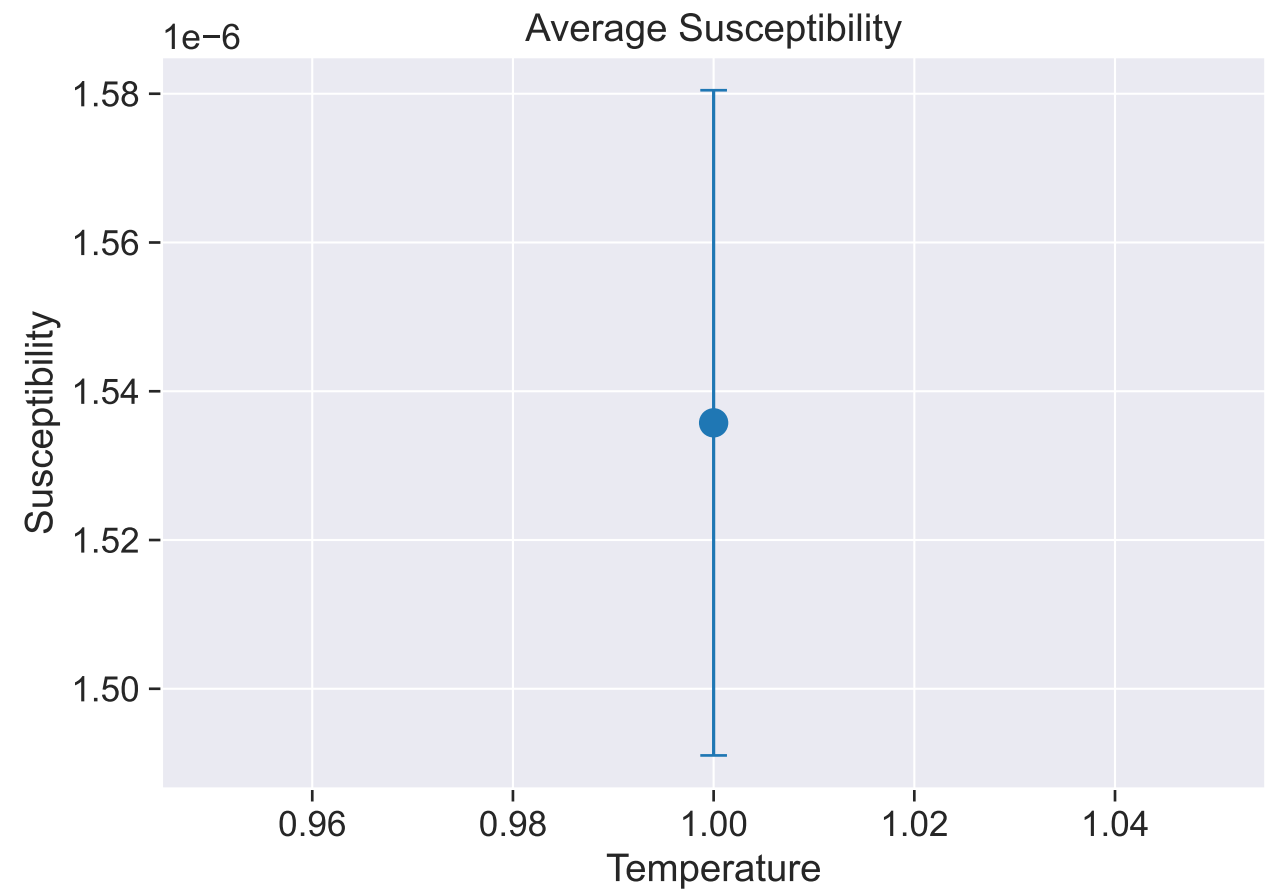
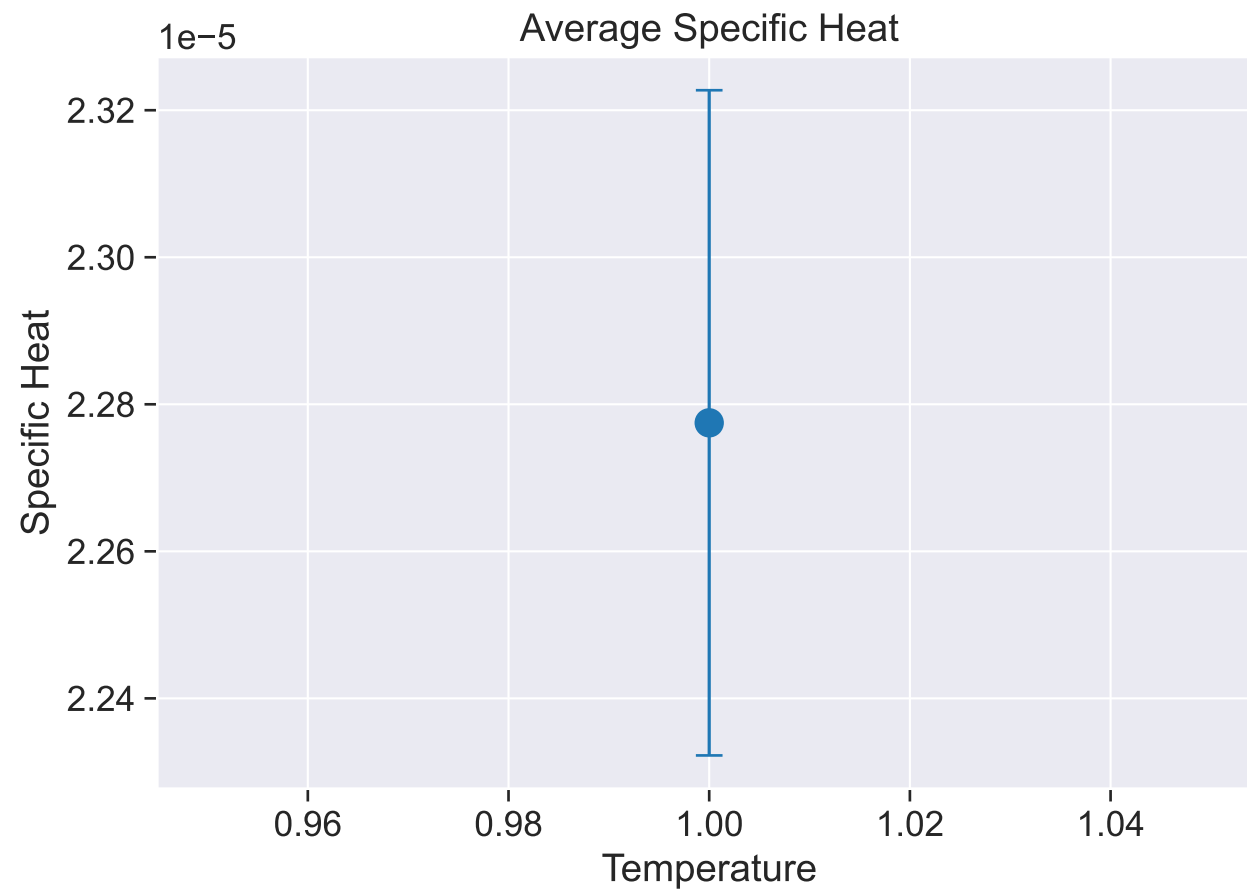
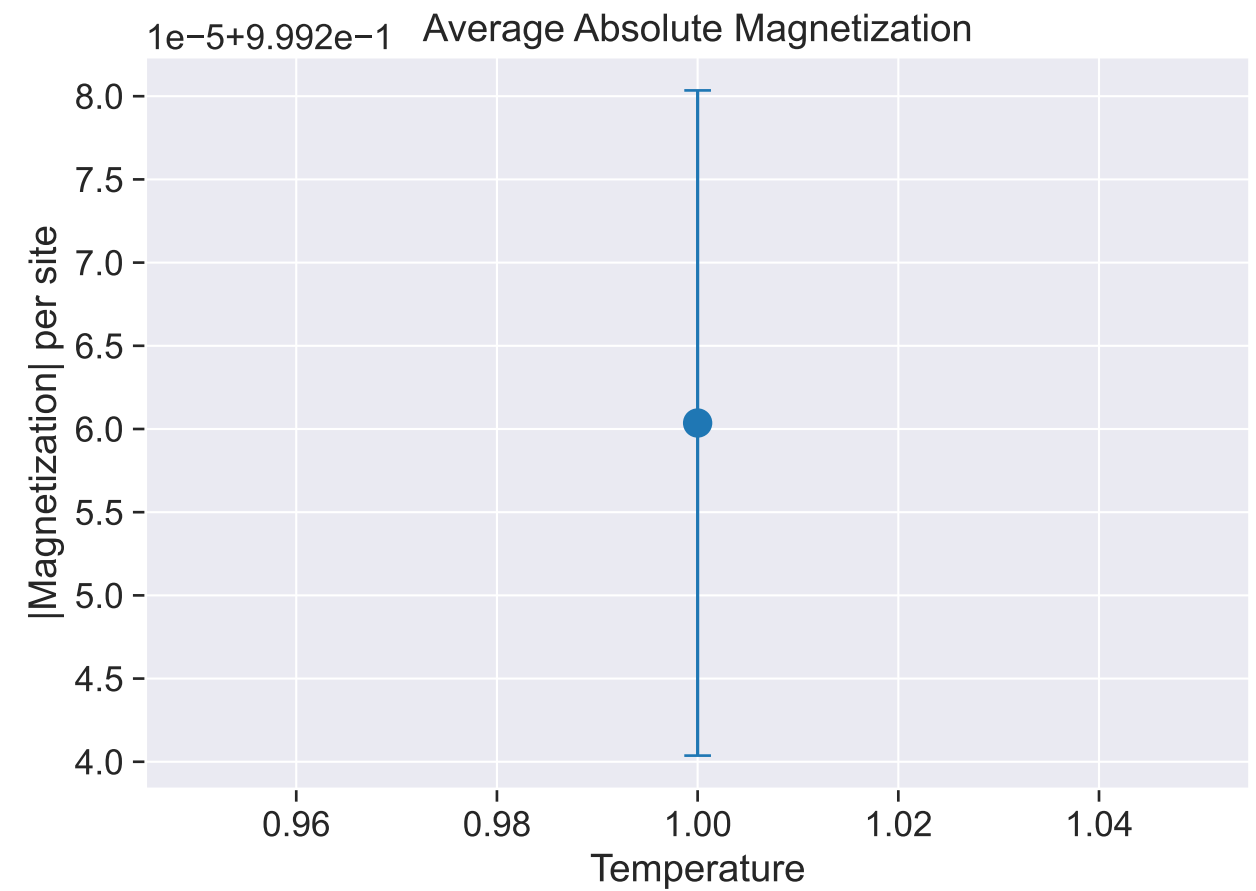
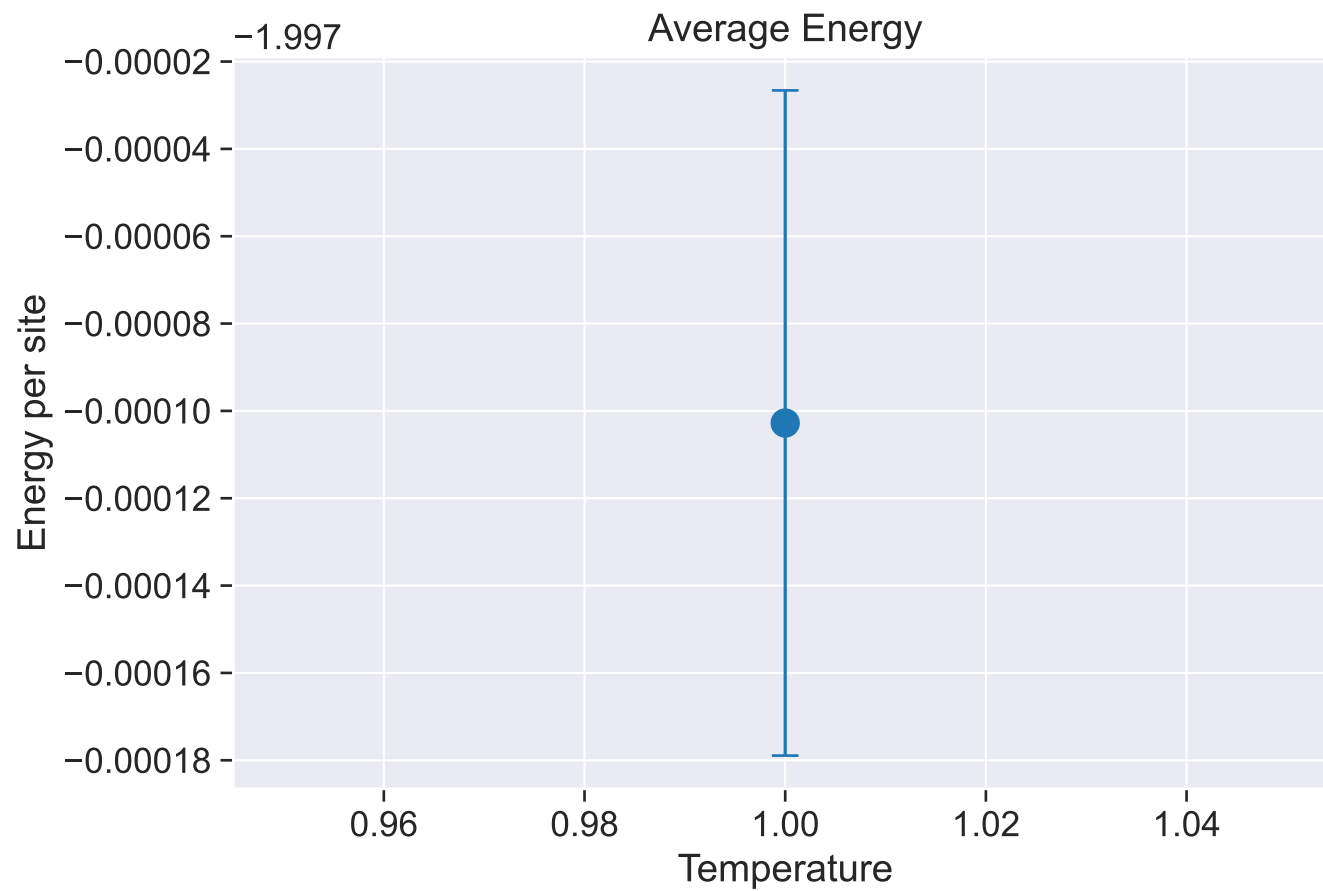


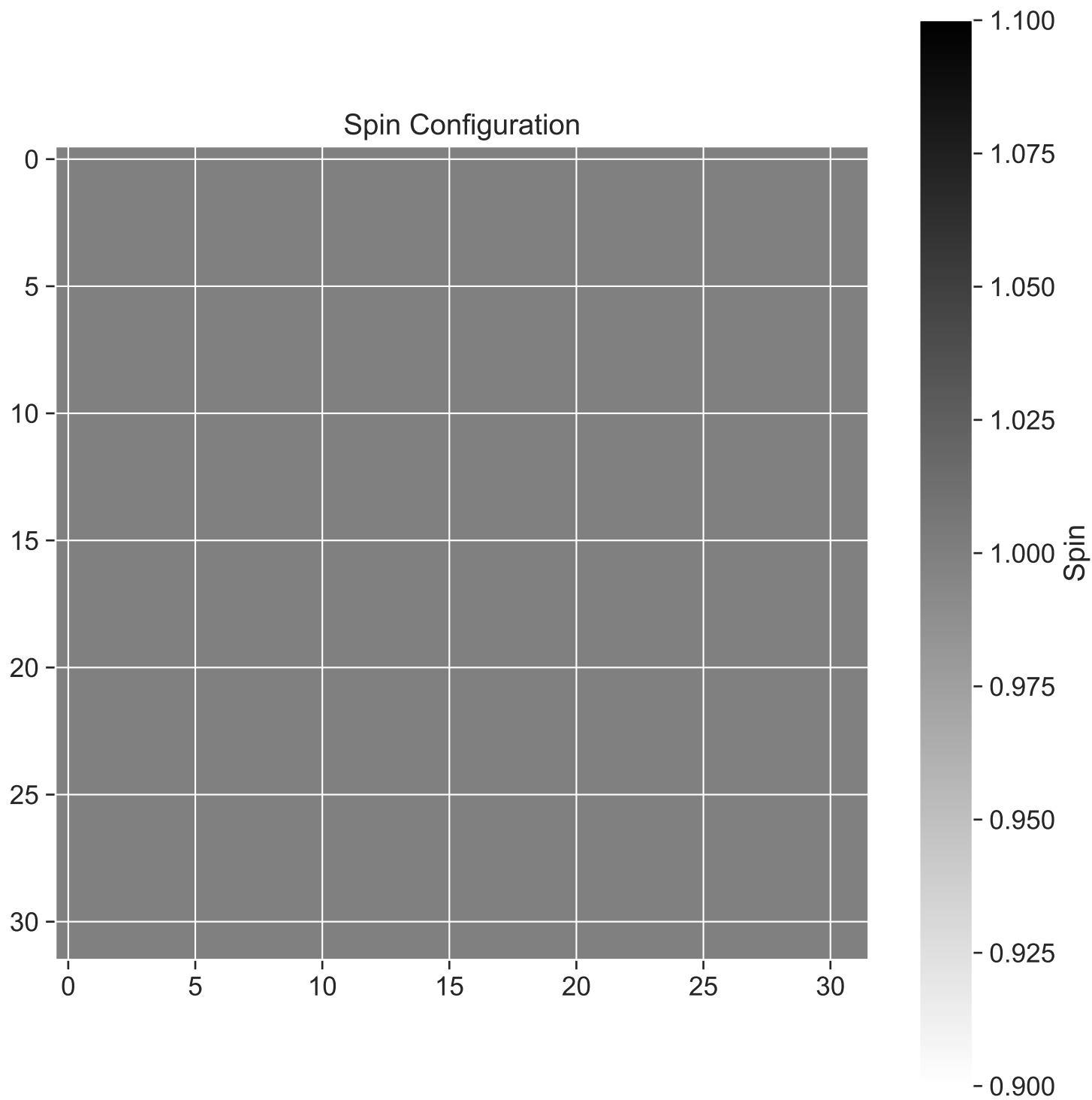
## Ising Model Simulation Report

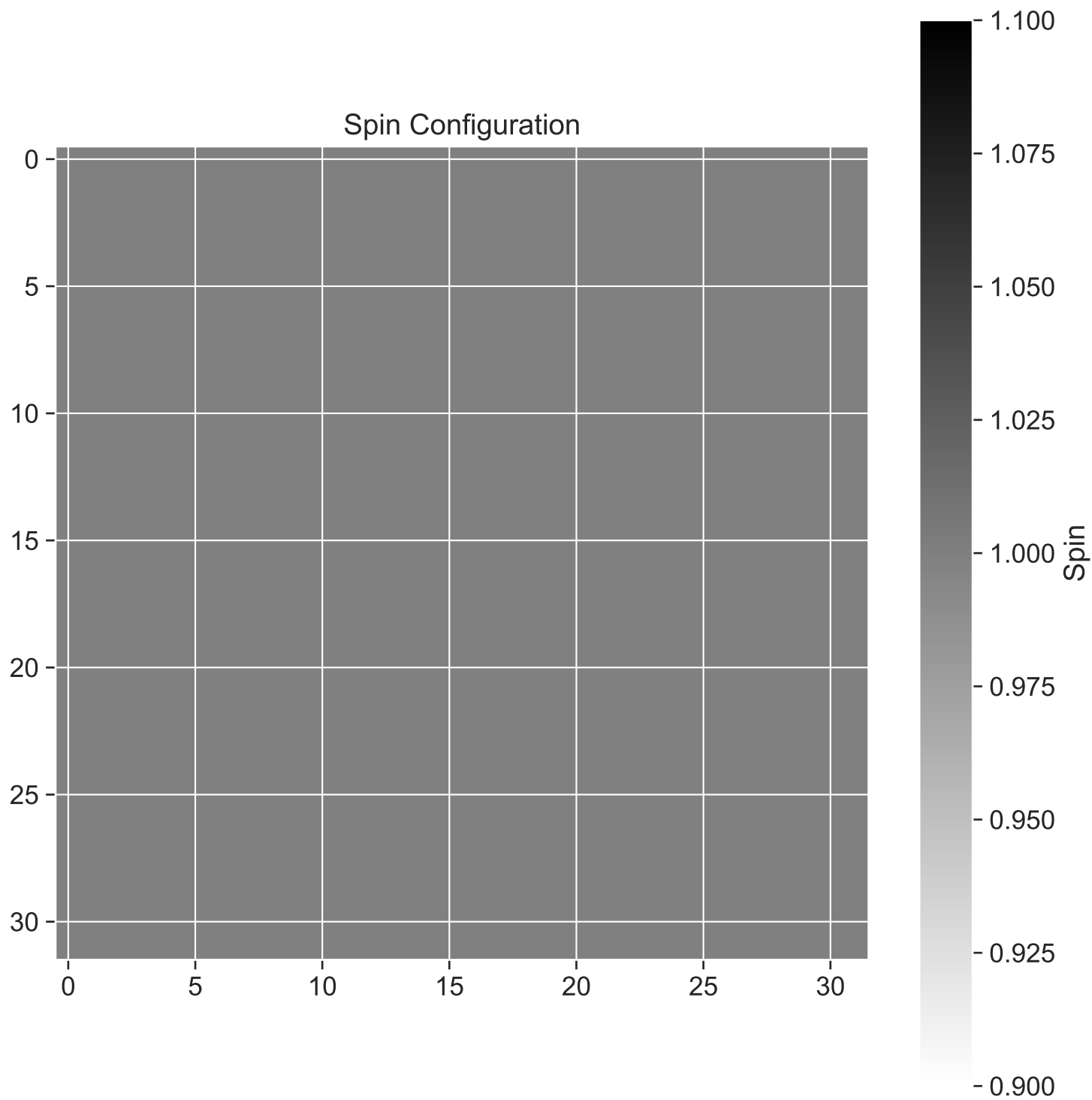
PHY-407: Simulation Methods in Statistical Physics  
IDD Part-IV (Session: 2024-25)

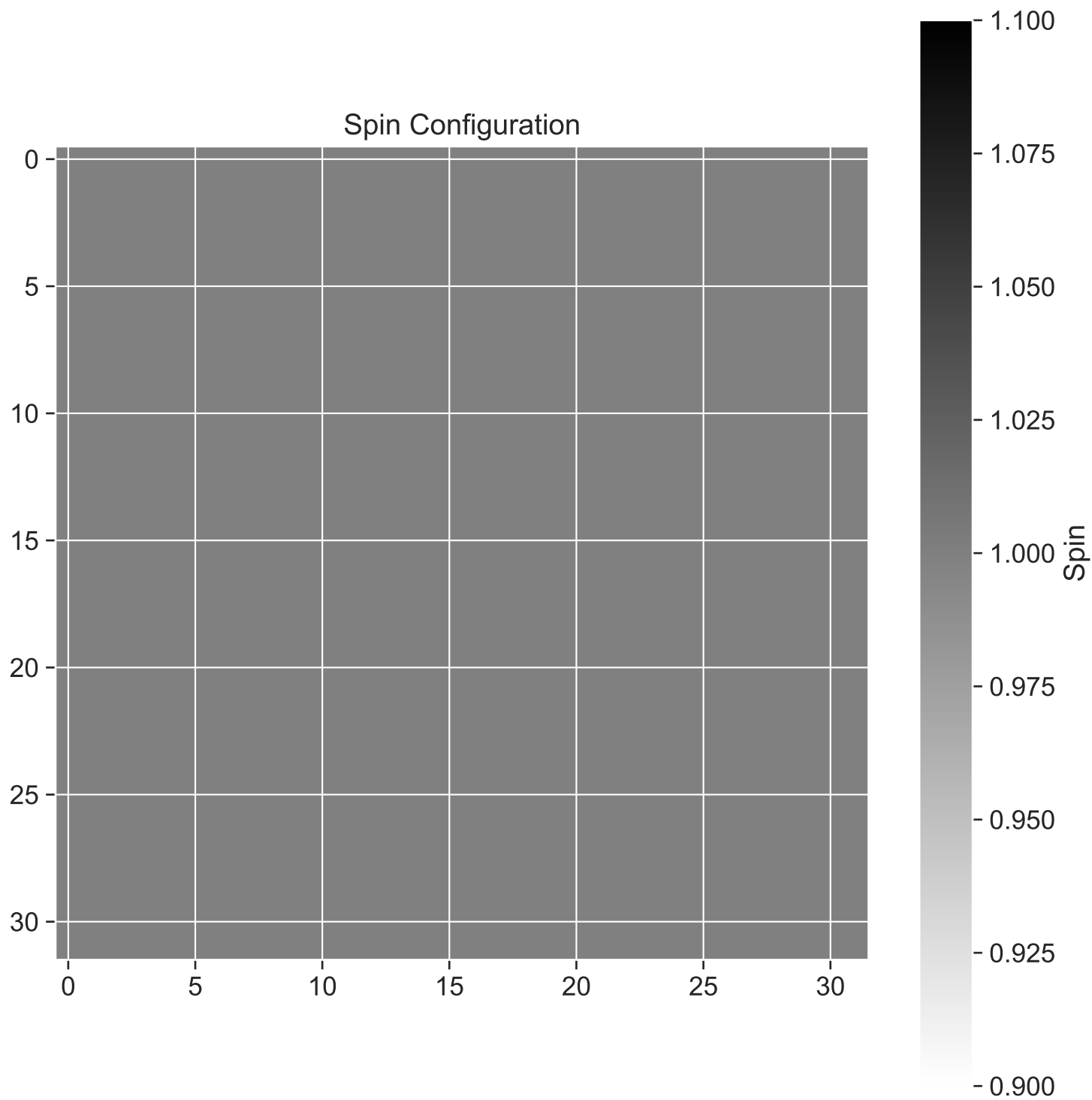


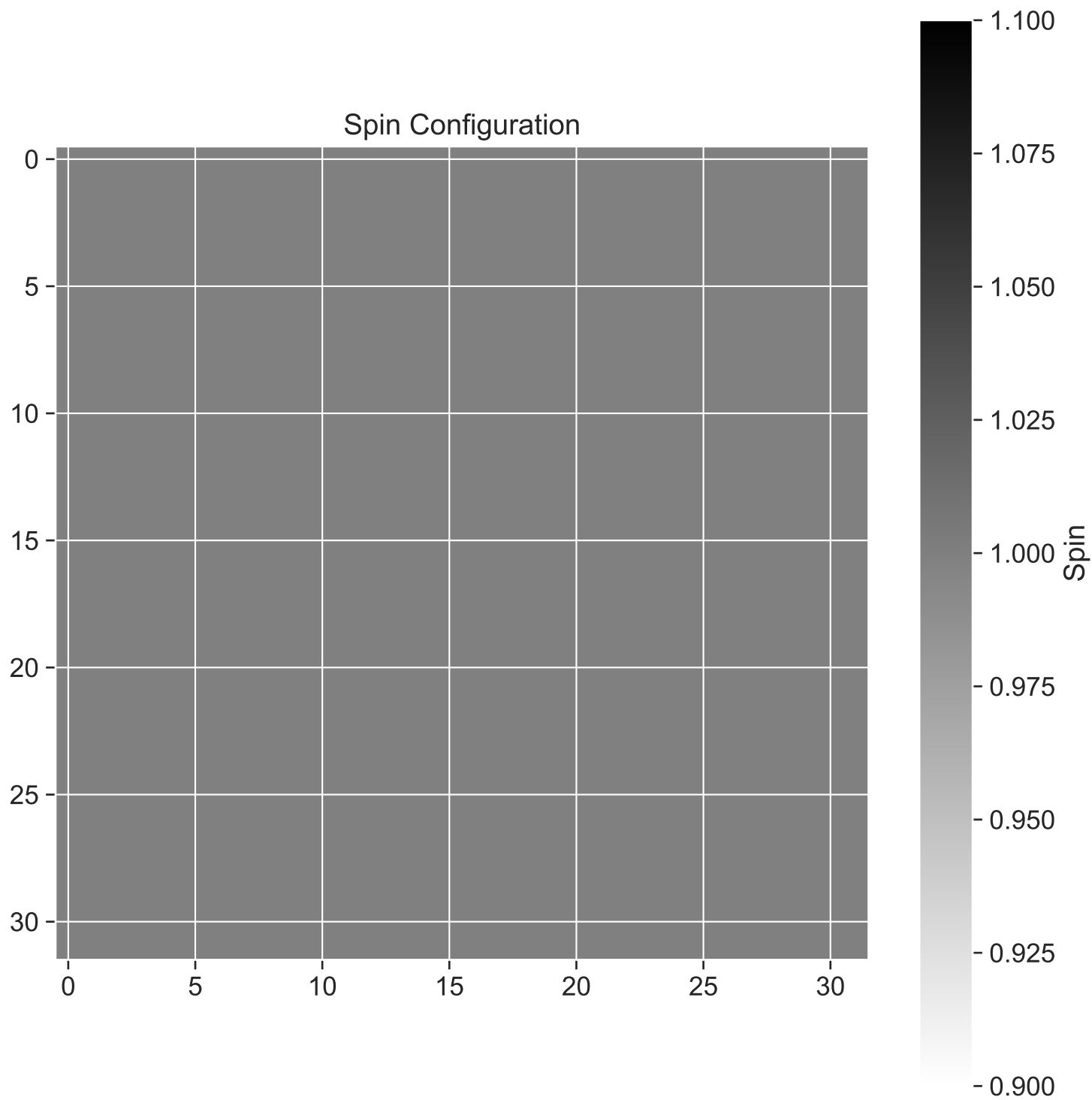




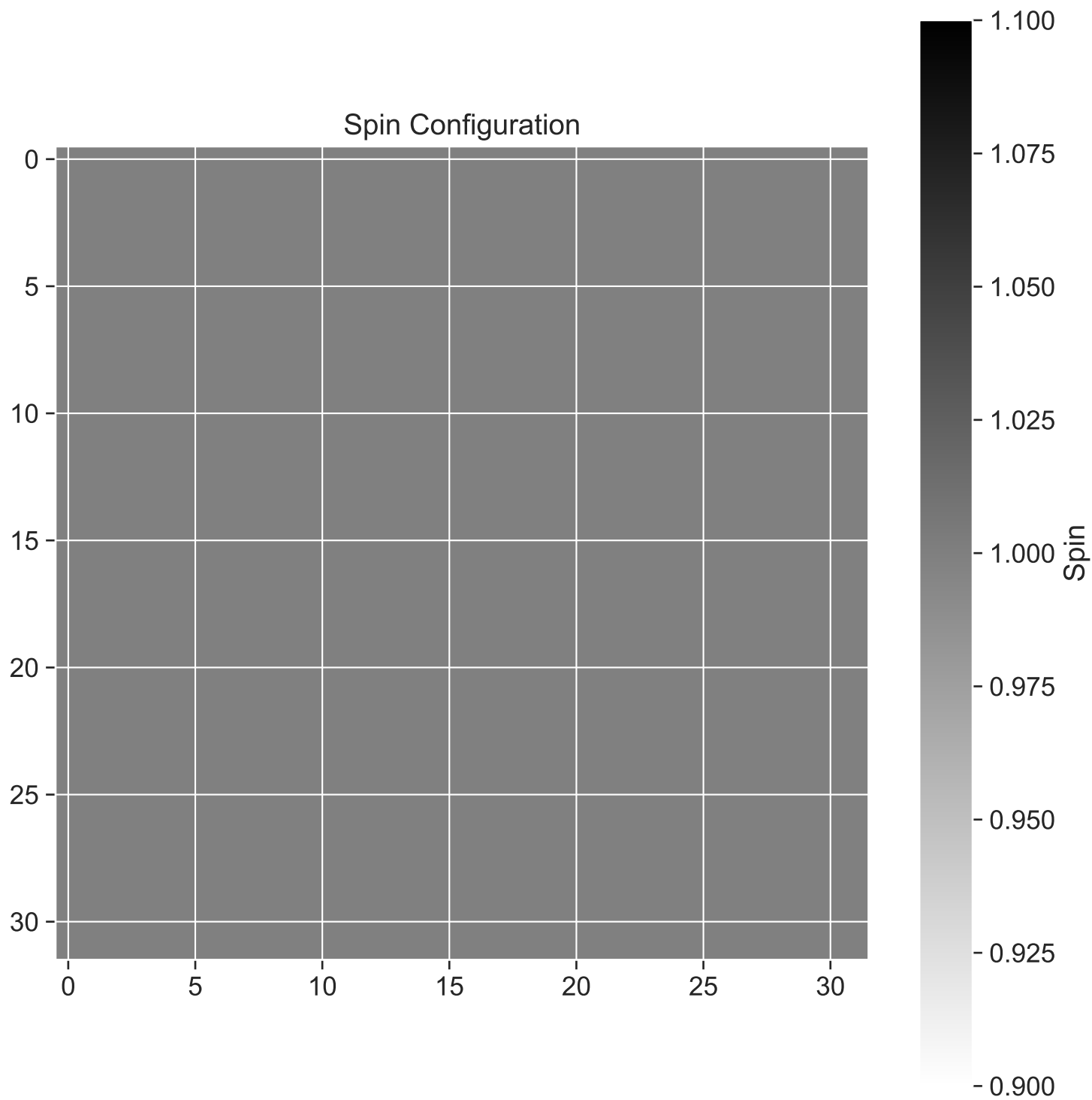












## Summary of Results

Temperature	Energy	Magnetization	Specific Heat	Susceptibility
1.00	$-1.9971 \pm 0.0001$	$0.9993 \pm 0.0000$	$0.0000 \pm 0.0000$	$0.0000 \pm 0.0000$