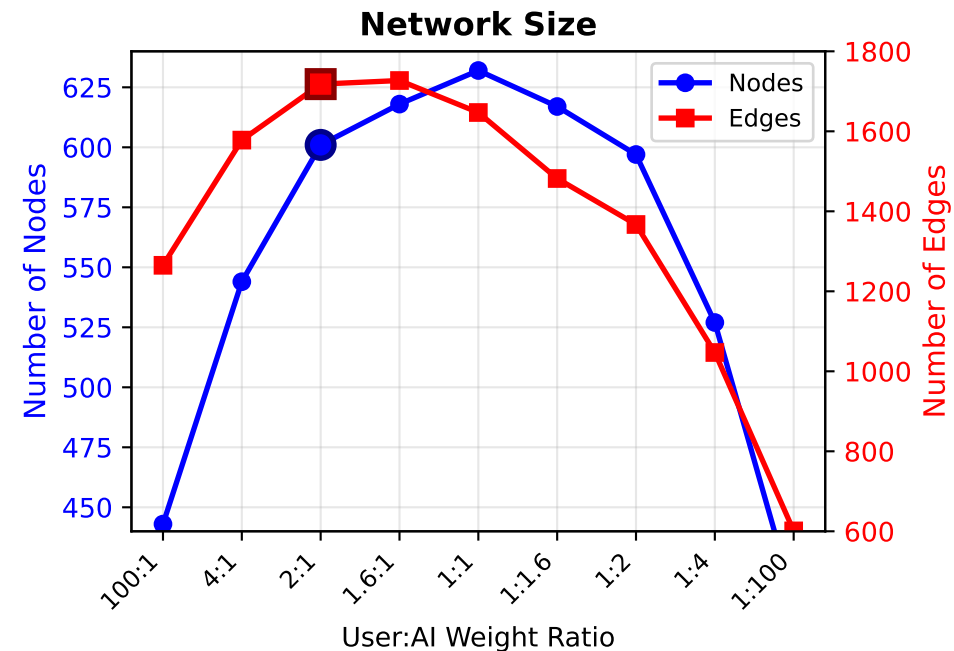
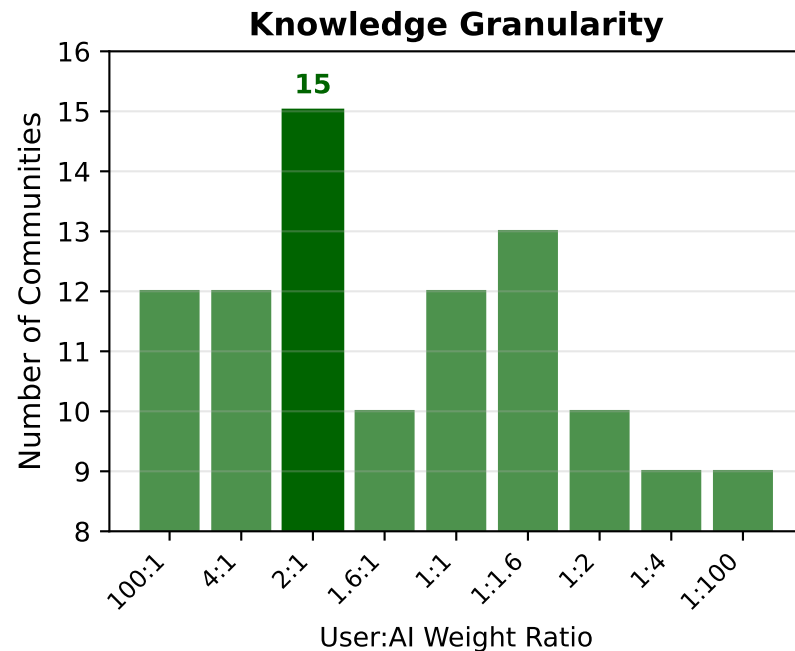
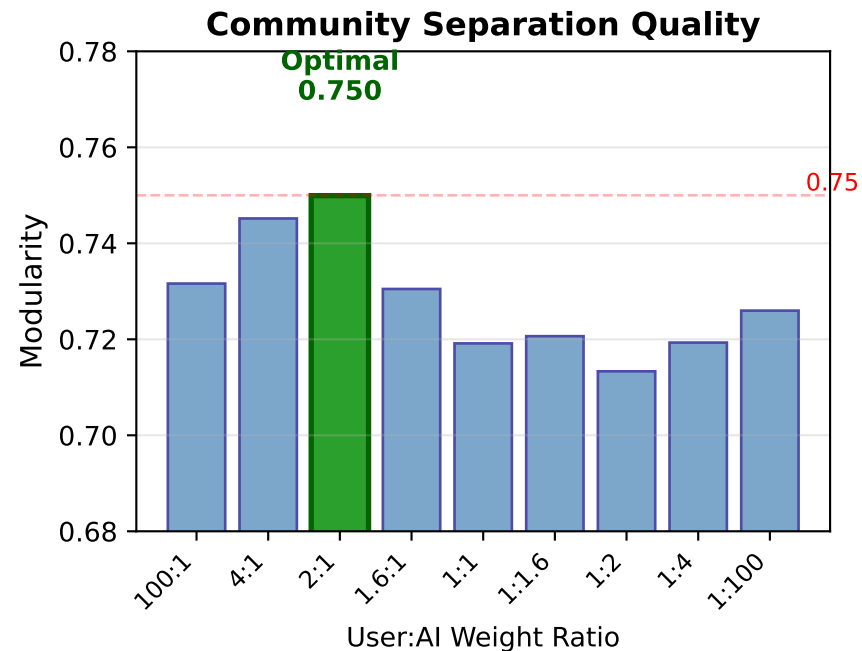


## Weight Ratio Effects at Threshold $\theta = 0.9$



The 2:1 user:AI ratio (green) achieves maximum modularity (0.750) with 15 distinct communities, providing optimal balance between community separation and network coherence