Distribution of energy gradient centrlaity for directed generative network models directed_laplacian graph randic Erdos-Renyi-directed 300 300 centrality gradient_centrality-relu 200 gradient_centrality-elu 200 200 100 100 100 0 0 0 0.04 0.04 0.02 0.06 0.00 0.01 0.02 0.03 0.04 0.02 0.00 0.00 80 60 60 400 k-out-k2 40 40 200 20 20 0 0 0 0.00 0.02 0.03 0.01 0.02 0.03 0.04 0.06 0.01 0.02 0.04 30 15 40 scale-free 20 10 20 10 5 0 0 0 0.10 0.10 0.00 0.05 0.15 0.00 0.05 0.15 0.20 0.00 0.05 0.10 0.15 value value value