I. Linear network, hierarchical dataset II. Linear network, partition dataset III. Non-linear network, partition dataset Α Α Α 2.0 2.0 2.0 Layer 1 Layer 1 Layer 1 1.5 1.5 1.5 1.0 1.0 1.0 0.5 0.5 0.5 0.0 0.0 0.0 -0.5 В В В Layer 2 Layer 2 Layer 2 2.0 2.0 1.5 1.5 1.5 1.0 1.0 1.0 0.5 0.5 0.5 0.0 0.0 0.0 -0.5 -0.5 -0.5 C C Layer 3 Layer 3 Layer 3 2.0 2.0 2.0 Cosine distance Cosine distance Cosine distance 1.5 1.0 0.5 0.0 -0.5 -0.5 -0.5 0.0 0.2 0.4 0.6 0.8 1.0 0.0 0.2 0.4 0.6 0.8 1.0 0.0 0.2 0.4 0.6 8.0 1.0 Relative time Relative time Relative time