


















Figure 1 is a line graph showing the performance of different LDA models across various LDA dimensions. The x-axis represents the LDA Dimension (5, 15, 20, 25, 45, 50, 100, 150, 200), and the y-axis represents the Performance (0 to 1). The graph includes three horizontal reference lines: a blue line at approximately 0.65, a black line at approximately 0.35, and a red line at approximately 0.0. Several red lines with different markers (circles, triangles, stars) show varying performance trends, with some peaking around dimension 45 and others fluctuating between 0 and 0.5.



-  IV-tvm25-32
-  IV-tvm50-32
-  IV-tvm75-32
-  IV-tvm100-32
-  IV-tvm200-32
-  IV-tvm25-64
-  IV-tvm50-64
-  IV-tvm75-64
-  IV-tvm100-64
-  IV-tvm200-64
-  IV-tvm25-128
-  IV-tvm50-128
-  IV-tvm75-128
-  IV-tvm100-128
-  IV-tvm200-128
-  GU-Best
-  MD-Best