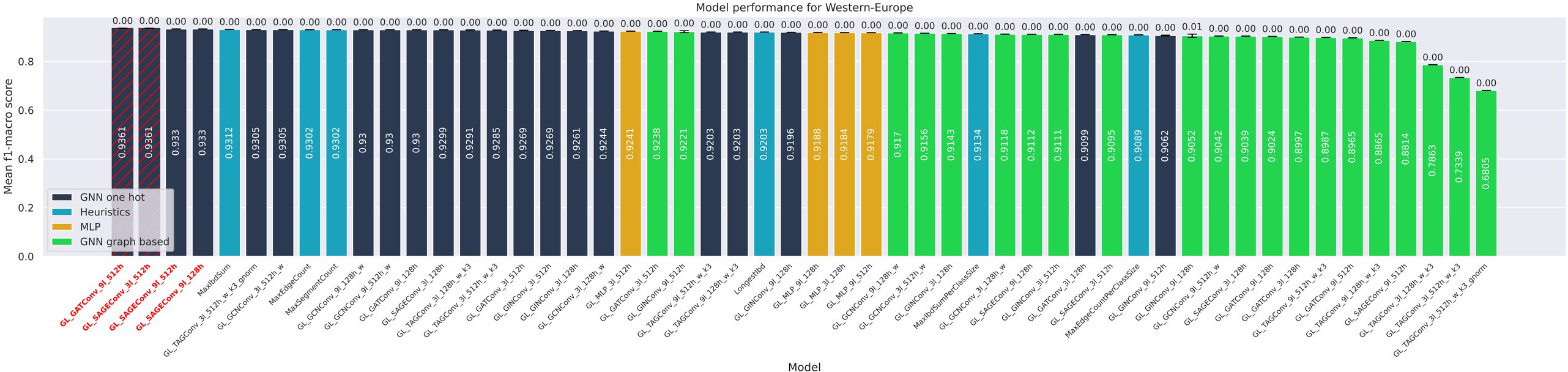
Model performance for Western-Europe
Mean f1-macro score
Model
GNN one hot
Heuristics
MLP
GNN graph based
GL_GATConv_9l_512h 0.9361
GL_SAGEConv_3l_512h 0.9361
GL_SAGEConv_9l_512h 0.933
GL_SAGEConv_9l_128h 0.933
MaxIbdSum 0.9312
GL_TAGConv_3l_512h_w_k3_gnorm 0.9305
GL_GCNConv_3l_512h_w 0.9305
MaxEdgeCount 0.9302
MaxSegmentCount 0.9302
GL_GCNConv_9l_128h_w 0.93
GL_GCNConv_9l_512h_w 0.93
GL_GATConv_9l_128h 0.93
GL_SAGEConv_3l_128h 0.9299
GL_TAGConv_3l_128h_w_k3 0.9291
GL_TAGConv_3l_512h_w_k3 0.9285
GL_GATConv_3l_512h 0.9269
GL_GINConv_3l_512h 0.9269
GL_GINConv_3l_128h 0.9261
GL_GCNConv_3l_128h_w 0.9244
GL_MLP_3l_512h 0.9241
GL_GATConv_3l_512h 0.9238
GL_GINConv_9l_512h 0.9221
GL_TAGConv_9l_512h_w_k3 0.9203
GL_TAGConv_9l_128h_w_k3 0.9203
Longestibd 0.9203
GL_GINConv_9l_128h 0.9196
GL_MLP_9l_128h 0.9188
GL_MLP_3l_128h 0.9184
GL_MLP_9l_512h 0.9179
GL_GCNConv_9l_128h_w 0.917
GL_GCNConv_3l_512h_w 0.9156
GL_GINConv_3l_128h 0.9143
MaxIbdSumPerClassSize 0.9134
GL_GCNConv_3l_128h_w 0.9118
GL_SAGEConv_9l_128h 0.9112
GL_GINConv_3l_512h 0.9111
GL_GATConv_3l_128h 0.9099
GL_SAGEConv_3l_512h 0.9095
MaxEdgeCountPerClassSize 0.9089
GL_GINConv_9l_512h 0.9062
GL_GINConv_9l_128h 0.9052
GL_GCNConv_9l_512h_w 0.9042
GL_SAGEConv_3l_128h 0.9039
GL_GATConv_9l_128h 0.9024
GL_GATConv_3l_128h 0.8997
GL_TAGConv_9l_512h_w_k3 0.8987
GL_GATConv_9l_512h 0.8965
GL_TAGConv_9l_128h_w_k3 0.8865
GL_SAGEConv_9l_512h 0.8814
GL_TAGConv_3l_128h_w_k3 0.7863
GL_TAGConv_3l_512h_w_k3 0.7339
GL_TAGConv_3l_512h_w_k3_gnorm 0.6805