Number of nodes in initial graph: 11811
Number of merged nodes in new graph: 1689
Number of edges in new graph: 168,517

WHAT IS THE NUMBER OF SUBSPACES AND THE DEGREE OF THE MERGED NODES?

Number of subspaces	Number of merged nodes with that many subspaces	Example of a space from such a node	Degree of such a node
7	2	vec1: 0010111 vec2: 0101110 vec3: 1001011 vec4: 0111001 vec5: 1100101 vec6: 1011100 vec7: 1110010	30
28	2	vec1: 0001011 vec2: 0010110 vec3: 0100111 vec4: 0011101 vec5: 0110001 vec6: 0101100 vec7: 0111010	114
35	2	vec1: 0001011 vec2: 0010110 vec3: 1100010 vec4: 0011101 vec5: 1110100 vec6: 1101001 vec7: 1111111	142
42	63	vec1: 0000001 vec2: 0000010 vec3: 0000100 vec4: 0000011 vec5: 0000110 vec6: 0000101 vec7: 0000111	21 nodes are 161 42 nodes are 163
49	1620	vec1: 0000001 vec2: 0000010 vec3: 0001000 vec4: 0000011 vec5: 0001010 vec6: 0001001 vec7: 0001011	49 nodes are 185 35 nodes are 186 42 nodes are 187 56 nodes are 188 126 nodes are 193 840 nodes are 201 472 nodes are 210

* The first three vectors in each space presented here form a basis