

```

1  function graph_matrix = generate_full_ancestry_graph(dataset,
num_classes, N)
2
3  %copyright Charles Davi 2022
4  %BLACK TREE AUTOML
5  %HUMANITY'S FASTEST DEEP LEARNING SOFTWARE
6
7  %=====
8  %=====
9  %VECTORIZED COMPUTATIONAL GENOMICS - mtDNA Dataset Command Line
10 %=====
11 %=====
12
13 %=====
14 %INPUT VARIABLES
15 %=====
16
17 graph_matrix = zeros(num_classes, num_classes);
18
19 for i = 1 : num_classes
20
21     i
22
23     for j = i + 1 : num_classes
24
25         for k = j + 1 : num_classes
26
27             k
28
29             graph_matrix = generate_ancestry_graph(dataset, N,
graph_matrix, i, j, k);
30
31         endfor
32
33     endfor
34
35 endfor
36
37 endfunction
38
39

```