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Algorithm 1: Tri-Training
    Input: Labelled data \boldsymbol{L}, unlabelled data \boldsymbol{U} and learning algorithm
                Learn
 1 for i \in \{1...3\}
         S_i \leftarrow BootstrapSample(L)
         h_i \leftarrow Learn(S_i)
         h_i \leftarrow .5; l_i' \leftarrow 0
    endfor
    repeat
         for i \in \{1..3\}
              L_i \leftarrow \emptyset
              update_i \leftarrow False
 9
              e_i \leftarrow MeasureError(h_i \& h_k) \ (j, k \neq i)
10
              if e_i < e'_i
11
                   for every x \in U
12
                        if h_i(x) = h_k(x) (j, k \neq i)
13
                             L_i \leftarrow L_i \cup \{(x, h_i(x))\}
14
                        end
15
                   endfor
16
                   if l'_i = 0 /* h_i has not been updated before */
17
                        l_i' \leftarrow \lfloor \frac{e_i}{e'_i - e_i} + 1 \rfloor
18
                   end
19
                   if l_i' < |L_i|
20
                        if e_i|L_i| < e'_i l'_i
21
                             update_i \leftarrow True
22
                        end
23
                        else if l'_i > \frac{e_i}{e'_i - e_i}
24
                             L_i \leftarrow Subsample(L_i, \lceil \frac{e_i'l_i'}{e_i} - 1 \rceil)
25
                             update_i \leftarrow True
26
                        end
27
                   end
28
              end
29
         endfor
30
         for i \in \{1...3\}
31
              if update_i = True
32
                   h_i \leftarrow Learn(L \cup L_i); e'_i \leftarrow e_i; l'_i \leftarrow |L_i|
33
              end
34
         endfor
35
36 until none of h_i (i \in \{1..3\}) changes
37 return h(x) \leftarrow arg \ max_{y \in label} \sum_{i:h_i(x)=y} 1
```