Algorithm 4 Closeness Criterion.

Parameter: d_0

1: **function** CalculateCloseness(C_1, C_2)
2:     $c_1^{max} \leftarrow \max\{C_1\}$, $c_1^{min} \leftarrow \min\{C_1\}$
3:     $c_2^{max} \leftarrow \max\{C_2\}$, $c_2^{min} \leftarrow \min\{C_2\}$
4:     $D_1 \leftarrow \arg\min_{v \in \{c_1^{max} - C_1, C_1 - c_1^{min}\}} ||v||_{l_2}$
5:     $D_2 \leftarrow \arg\min_{v \in \{c_2^{max} - C_2, C_2 - c_2^{min}\}} ||v||_{l_2}$
6:     $\beta \leftarrow 0$
7:     **for** $i = 1$ **to** length(D_1) **step** 1 **do**
8:         $d \leftarrow \max\{\min\{D_{1(i)}, D_{2(i)}\}, d_0\}$
9:         $\beta \leftarrow \beta + 1/d$
10:    **end for**
11:    **return** β
12: **end function**

Algorithm 5 Variance Criterion.

1: **function** CalculateVariance(C_1, C_2)
2:     $c_1^{max} \leftarrow \max\{C_1\}$, $c_1^{min} \leftarrow \min\{C_1\}$
3:     $c_2^{max} \leftarrow \max\{C_2\}$, $c_2^{min} \leftarrow \min\{C_2\}$
4:     $D_1 \leftarrow \arg\min_{v \in \{c_1^{max} - C_1, C_1 - c_1^{min}\}} ||v||_{l_2}$
5:     $D_2 \leftarrow \arg\min_{v \in \{c_2^{max} - C_2, C_2 - c_2^{min}\}} ||v||_{l_2}$
6:     $E_1 \leftarrow \{D_{1(i)} | D_{1(i)} < D_{2(i)}\}$
7:     $E_2 \leftarrow \{D_{2(i)} | D_{2(i)} < D_{1(i)}\}$
8:     $\gamma \leftarrow -\text{variance}\{E_1\} - \text{variance}\{E_2\}$
9:     **return** γ
10: **end function**