
Algorithm 4 FalseNegativeRecovery(Previous Timestamp $prev_t_e$, Most Likely path $path$)

```
1:  $mtt \leftarrow 0$  ;  $mdt \leftarrow 0$  ;  $samp\_rate \leftarrow 0$  ;  
2: for each  $N$  in  $path$  do  
3:    $N' \leftarrow$  the next element in  $path$   
4:   if ( $N' \neq tr'.deviceID$ ) then  
5:      $mtt \leftarrow G_{edd}.\mathcal{L}_E(N, N').tt$   
6:      $mdt \leftarrow G_{edd}.\mathcal{L}_V(N').dt$   
7:      $samp\_rate \leftarrow 1/G_{edd}.\mathcal{L}_V(N').S_f$   
8:     insert( $N'$  ,  $tr.objectID$  ,  $prev\_t_e + mtt$ ,  
               $prev\_t_e + mtt + mdt, \frac{mdt}{samp\_rate}$ )  
9:      $prev\_t_e \leftarrow prev\_t_e + mtt + mdt$ 
```
