Parameter	Description
$\tau_{\max}$	Connection horizon for new detections (Section **??**, Equation **??**)
γ	Missed detection coefficient (Section **??**, Equation **??**)
κ	Window proportionality constant (Section **??**)
$(C_{\min}, C_{\max})$	Lower and upper thresholds to compute the reliability (Equation **??**)
(K_1, K_2)	Factors to validate the shortest-path (Section **??**)