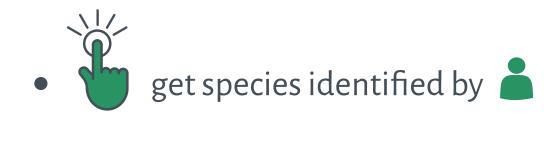
Users : ♣ Weights : ♣ Labels : y♣

Weights update





$$\bullet \quad \mathsf{kg} = f\left(\left| \mathsf{F} \right| + \left| \mathsf{F} \right| / 10\right)$$

Labels update and validation

Forall





•
$$\hat{y}_{\mathbf{k}} \leftarrow \hat{y}_{\mathbf{k}}^{\mathbf{WMV}}$$

(Label update)

• conf (·)
$$\leftarrow \sum_{\bullet} \mathbb{1} \{y_{\bullet}^{\bullet} = \cdot\}$$

(Confidence update)

•
$$\operatorname{acc}_{\square}(\hat{y}_{\square}) \leftarrow \operatorname{conf}_{\square}(\hat{y}_{\square}) / \sum \operatorname{conf}_{\square}(\mathscr{P})$$
 (Accuracy update)

• is valid if
$$\begin{cases} \cosh(\hat{y}) > \theta_{\text{conf}} \\ \arcsin(\hat{y}) > \theta_{\text{acc}} \end{cases}$$
 (Validation)