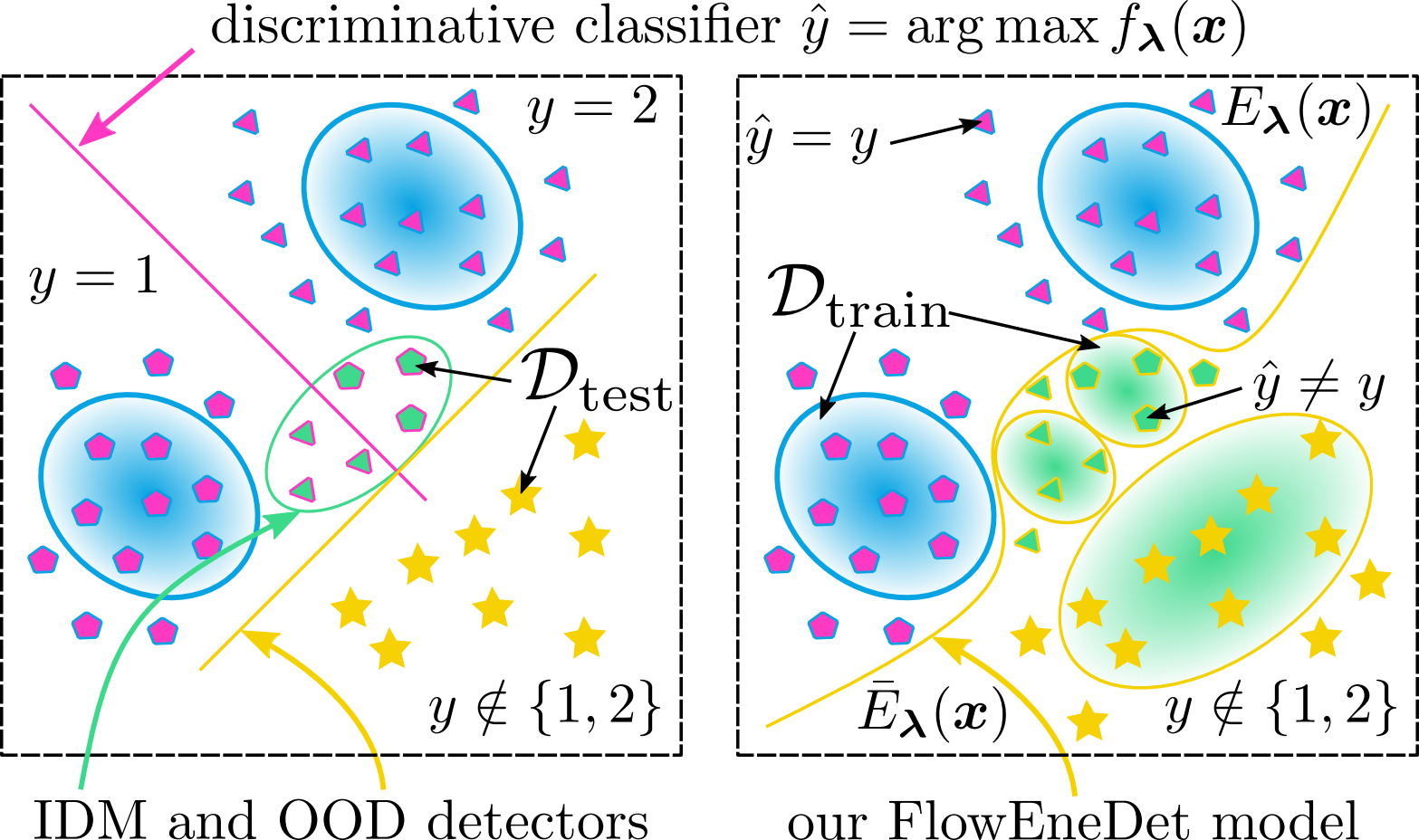
discriminative classifier $\hat{y} = \arg\max f_{\boldsymbol{\lambda}}(\boldsymbol{x})$
$y = 2$
$y = 1$
$\mathcal{D}_{\text{test}}$
$y \notin \{1, 2\}$
IDM and OOD detectors
$E_{\boldsymbol{\lambda}}(\boldsymbol{x})$
$\hat{y} = y$
$\mathcal{D}_{\text{train}}$
$\hat{y} \neq y$
$\bar{E}_{\boldsymbol{\lambda}}(\boldsymbol{x})$
$y \notin \{1, 2\}$
our FlowEneDet model