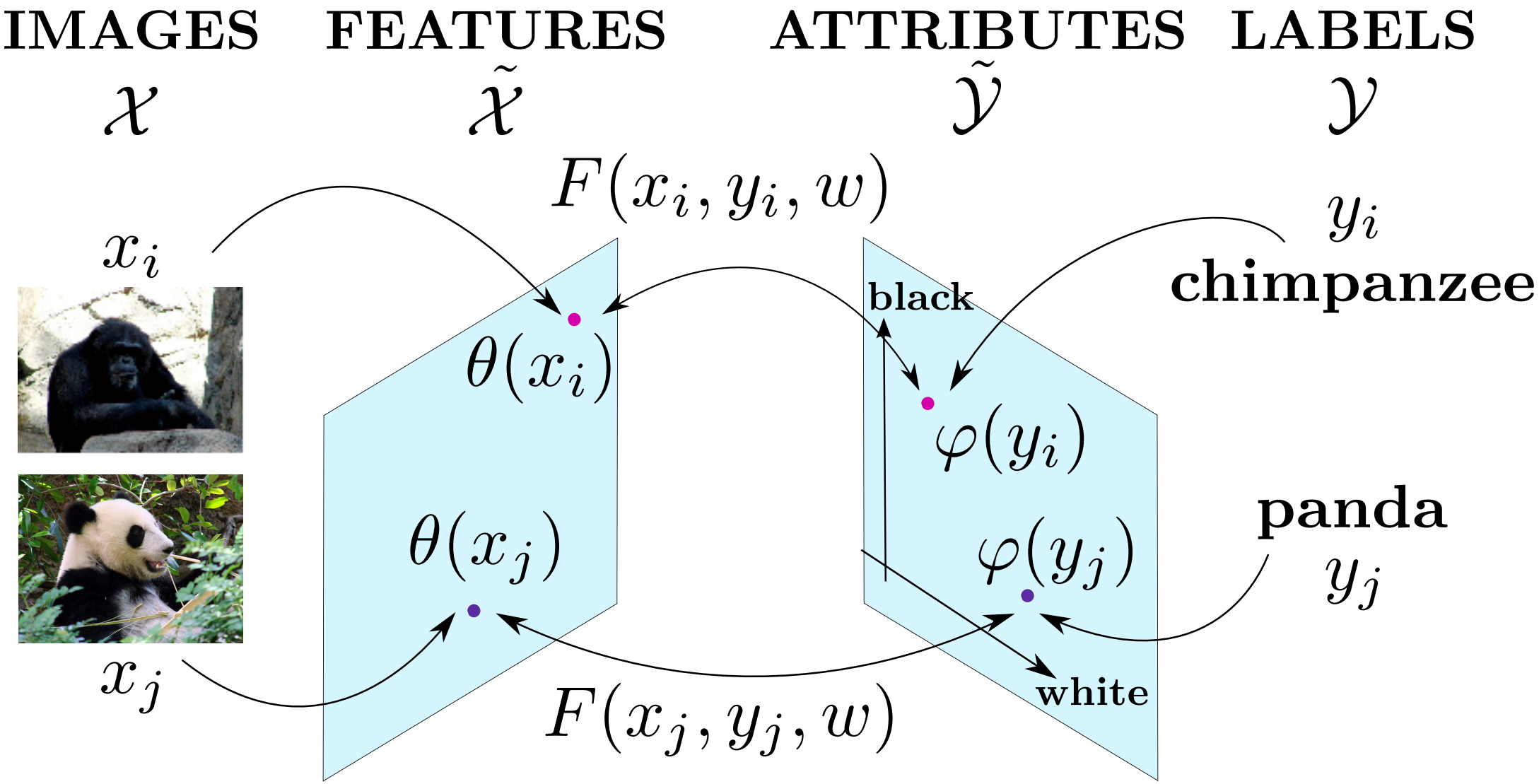
IMAGES
$\mathcal{X}$
FEATURES
$\tilde{\mathcal{X}}$
ATTRIBUTES
$\tilde{\mathcal{Y}}$
LABELS
$\mathcal{Y}$
$F(x_i, y_i, w)$
x_i
y_i
chimpanzee
black
$\theta(x_i)$
$\varphi(y_i)$
panda
$\theta(x_j)$
$\varphi(y_j)$
y_j
x_j
white
$F(x_j, y_j, w)$