

Loss name	$L(x, y)$
Logistic	$\log(1 + e^{-yx})$
Squared	$\frac{1}{2}(x - y)^2$
Squared Hinge	$L = \frac{1}{2}(\max(1 - yx, 0))^2$
Hinge	$\max(1 - yx, 0)$
Huber	$\frac{1}{2}(\max(1 - yx, 0))^2$ if $yx \geq -1$; $-2yx$ otherwise