Learning from complementary label

Treaditional reite animinazation:

$$R(t) = E_{(k,y)} \left[L(k), y \right]$$
where $f(y) = avy max$

$$f(x) : IR^{d} \rightarrow f(1 - - x)$$

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$$f(x) : IR^{d} \rightarrow R \quad binory \quad over classifer.$$

$$\left[L(x) : IR \rightarrow IR \quad be should be high$$
where $f(x) = IR \rightarrow IR \quad be should be high
$$\left[f(x), y \right] = L\left(f(x), y \right) + \frac{1}{k-1} \underbrace{E}_{k-1} \left(-\frac{g_{k}(x)}{g_{k}(x)} \right)$$
Should be bor$

should have high difference.

Chariffer: Sample from {(21, 5:)} from Distribution one of them is tome $\overline{p}(x,\overline{y}) = \frac{1}{K-1} \left(\sum_{y \neq \overline{y}} P(x,y) \right)$ what Suho?? Complementary loss: L(flx), 5) Condition $L(f(y,y) + L(f(y,y) = M_2)$ Tone high other is low ?

R (+(y, y) = 1 E +(yy(~)) + 1 (-yx(x))

$$\mathcal{L}_{pc}(f(x),\overline{y}) = \sum_{y \neq y} L(yy - g\overline{y})$$

SEE Difference with provious formulation