

RankingSVM

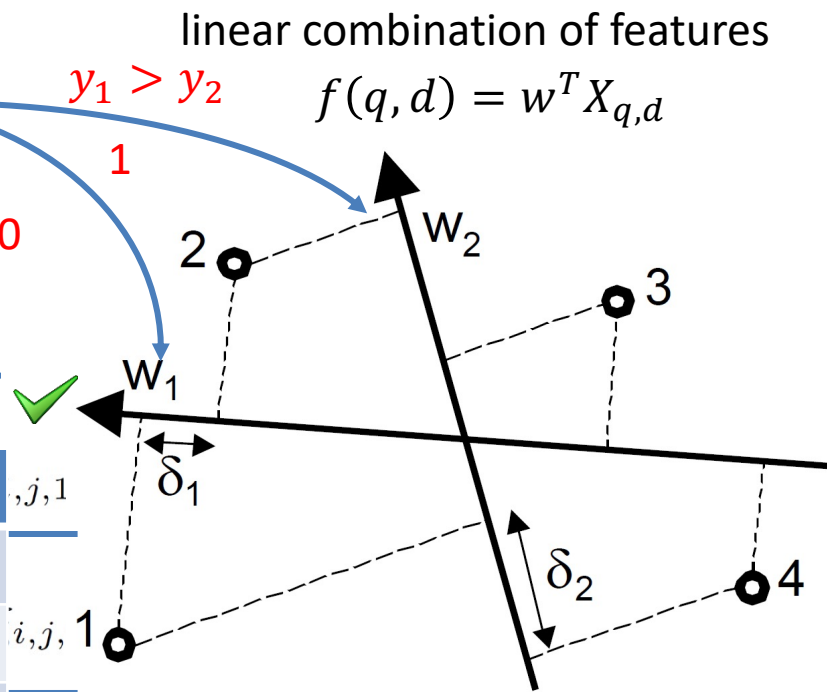
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- Minimizing the number of mis-ordered pairs

$y_1 > y_2, y_2 > y_3, y_1 > y_4$ linear combination of features $f(q, d) = w^T X_{q,d}$

minimize: $V(\vec{w}, \vec{\xi}) = \frac{1}{2} \vec{w} \cdot \vec{w} + C \sum \xi_{i,j,k}$

subject to:



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