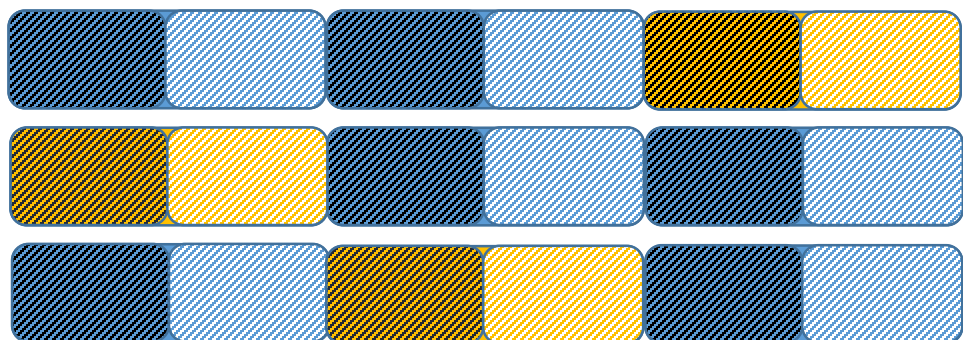


Whole Dataset



Training

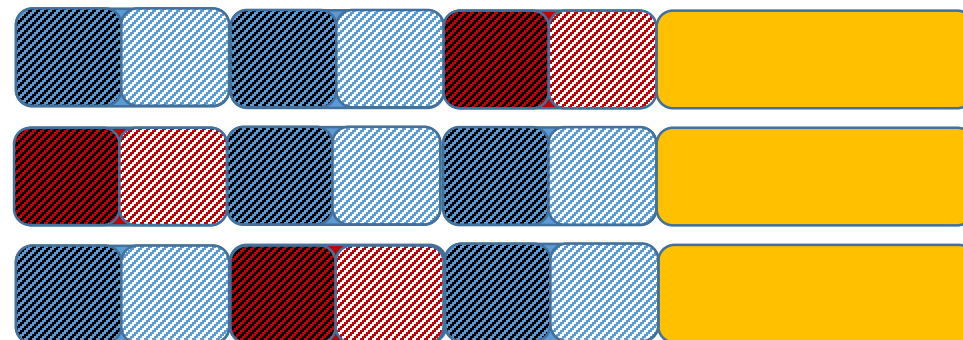
Validation



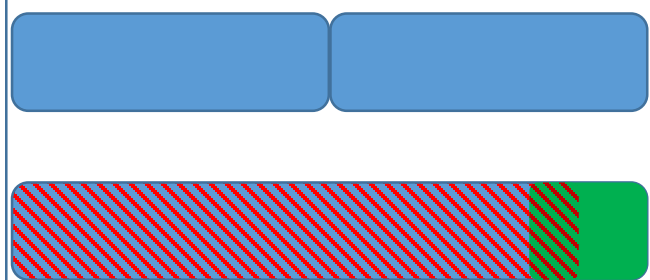
$C^+$	0.1	1	10
$C^-$	0.1	1	10
	0.3	3	30
	1	10	100

Training

Validation



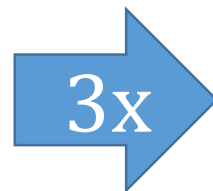
Training



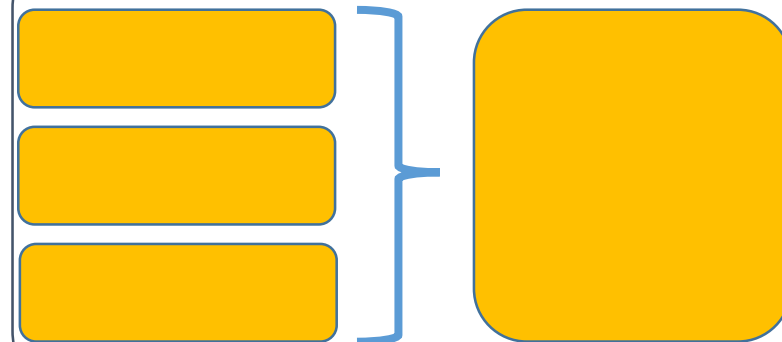
Decoys

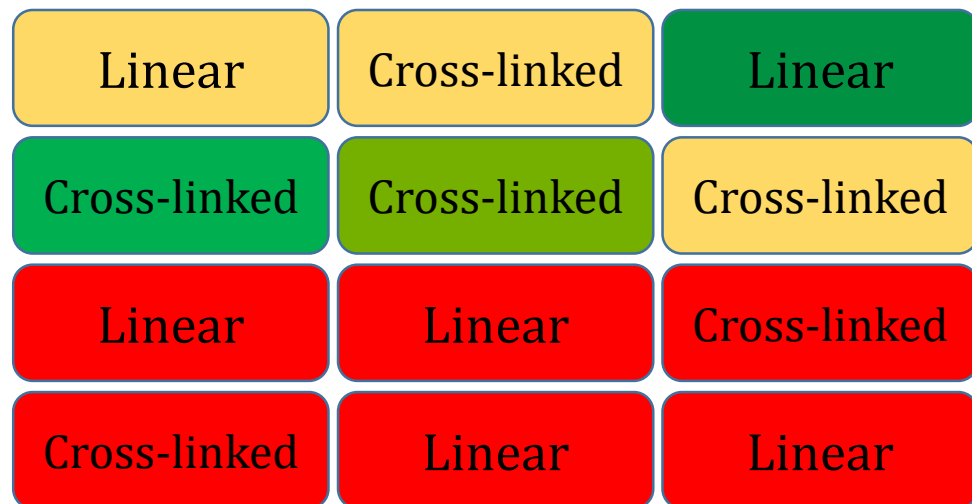
5% q-value

Scoring

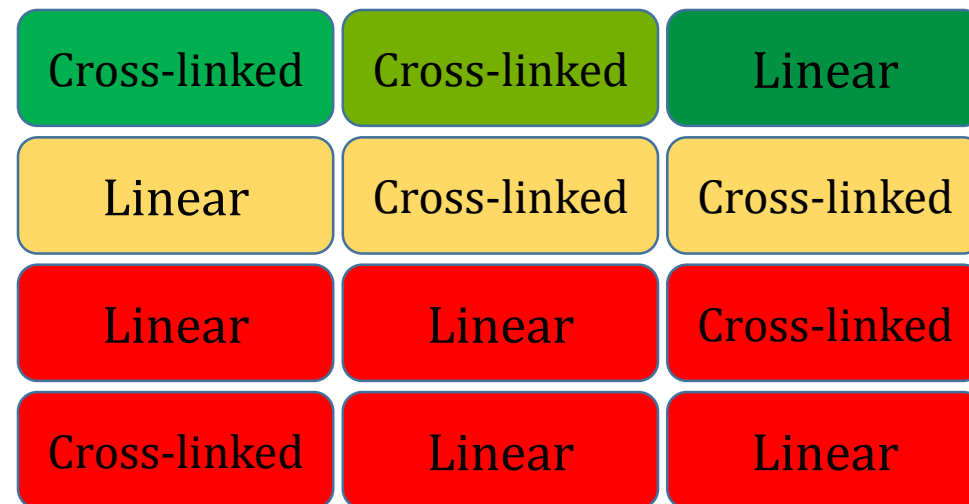
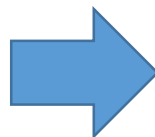


Score Normalization

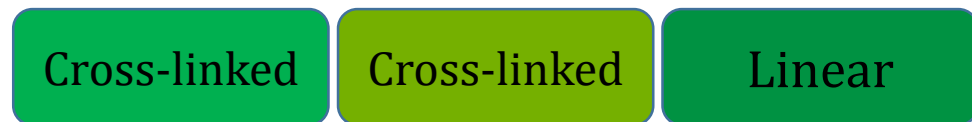
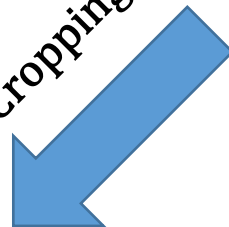




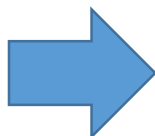
Re-Ranking



Cropping



Correct Scoring

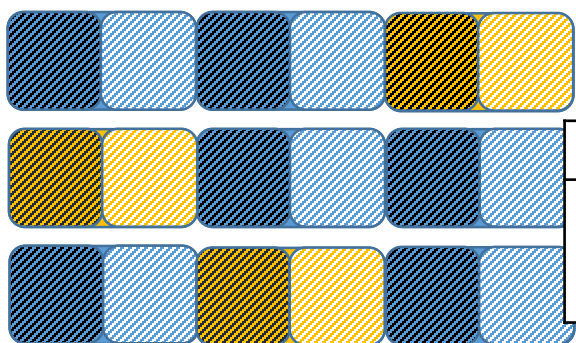


Whole Dataset



Training

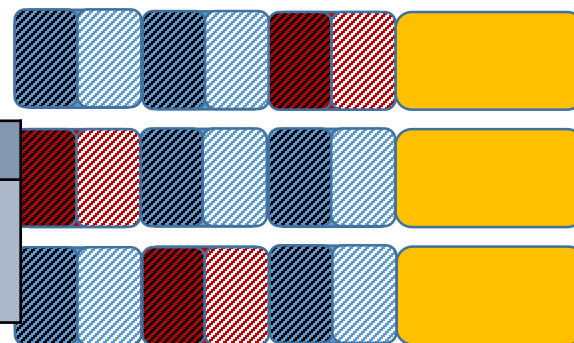
Validation



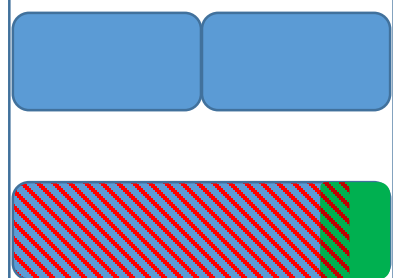
C <sup>+</sup>	0.1	1	10
C <sup>-</sup>	0.1	1	10
	0.3	3	30
	1	10	100

Training

Validation



Training

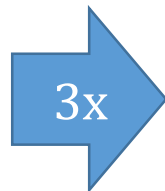


Decoys 5% q-value

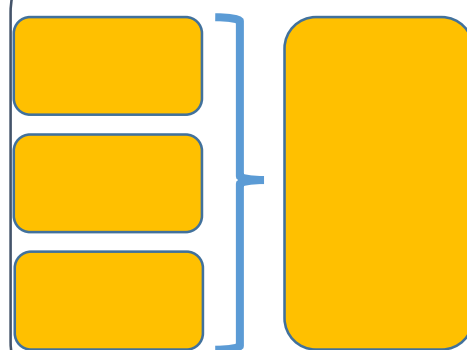
Scoring



3x

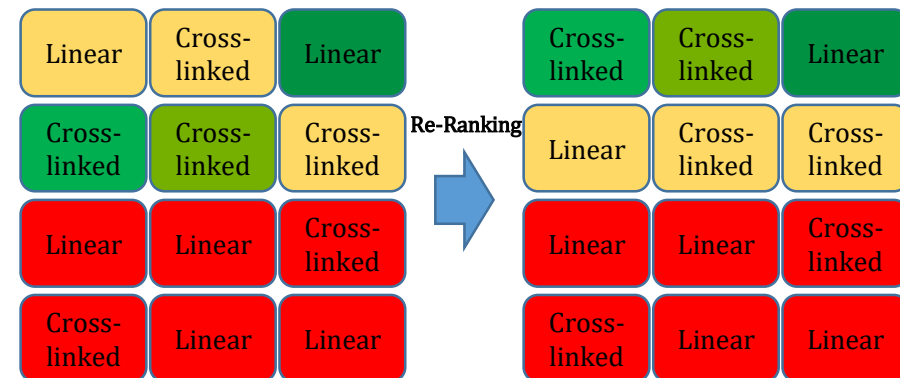
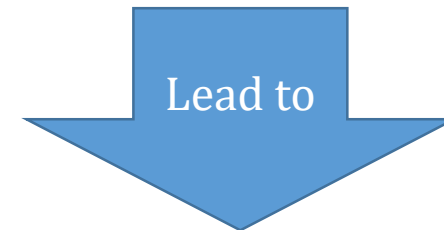


Score Normalization



10 Iterations

Lead to



Cropping



Correct Scoring

