

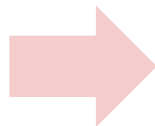
Truth	Score
1	0.9
1	0.76
1	0.7
0	0.5
1	0.45
0	0.3
0	0.1

Choose a random
positive



1	0.76
---	------

Choose a random
negative



0	0.3
---	-----



AUC = 0.9167



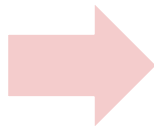
Classifier ranks the positive higher
than the negative
(with probability 0.9167)

Truth	Score
1	0.9
1	0.76
1	0.7
0	0.5
1	0.45
0	0.3
0	0.1



AUC = 0.9167

Choose a random
negative



Choose a random
positive

0	0.5
1	0.45



Classifier ranks the negative higher
than the positive
(with probability $1 - 0.9167$)