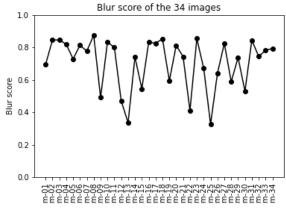
# Lab 06: elements of corrections

### Q1:

#### Q2:



#### Q3:

Maximal time difference vector: 1441 s

1383 1384 1385 1386 1440 1441]

Q4: You should find an initial loss of 0.8969124171515748

## Q5:

Important remark: one of the key elements in simulated annealing is the notion of neighbourhood. At each iteration, you have to compute a neighbour solution. If at each iteration, you just pick up a random solution (that's what you do when you randomly permute all the elements in the x vector), it is not simulated annealing...

#### Q6:

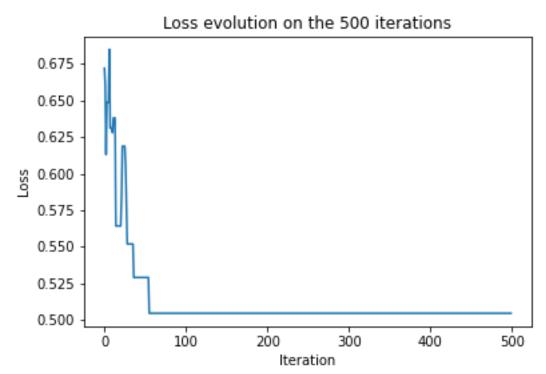
Optimized loss value: 0.504728139829264

im-09: 0.49





Q7:



## Q8:

5984.0 possible combinations
Optimized loss value: 0.504728139829264
Selected images: ['im-09', 'im-13', 'im-25']

## Q9:

(1344904.0 possible combinations)
Optimized loss value: 0.6299694895730565



## Q10:

