Matching

Prerequisites : Clusters populated with candidate pictures
and an input_picture

1. Evaluating proximity from input_picture to each cluster
= compute distance between input_picture and
N1 "best representative pictures" of each cluster, and
merge the result in one unique "picture_to_cluster" distance.

2. Find best matching clusters
= Keep *N2* best clusters regarding "picture_to_cluster" distance.

3. Evaluating proximity from input_picture to all candidate picture
= Compute distance between input_picture and
each picture of these *N2* clusters.

4. Find best matching pictures
= Keep *N3* best pictures regarding input_picture to candidate picture.