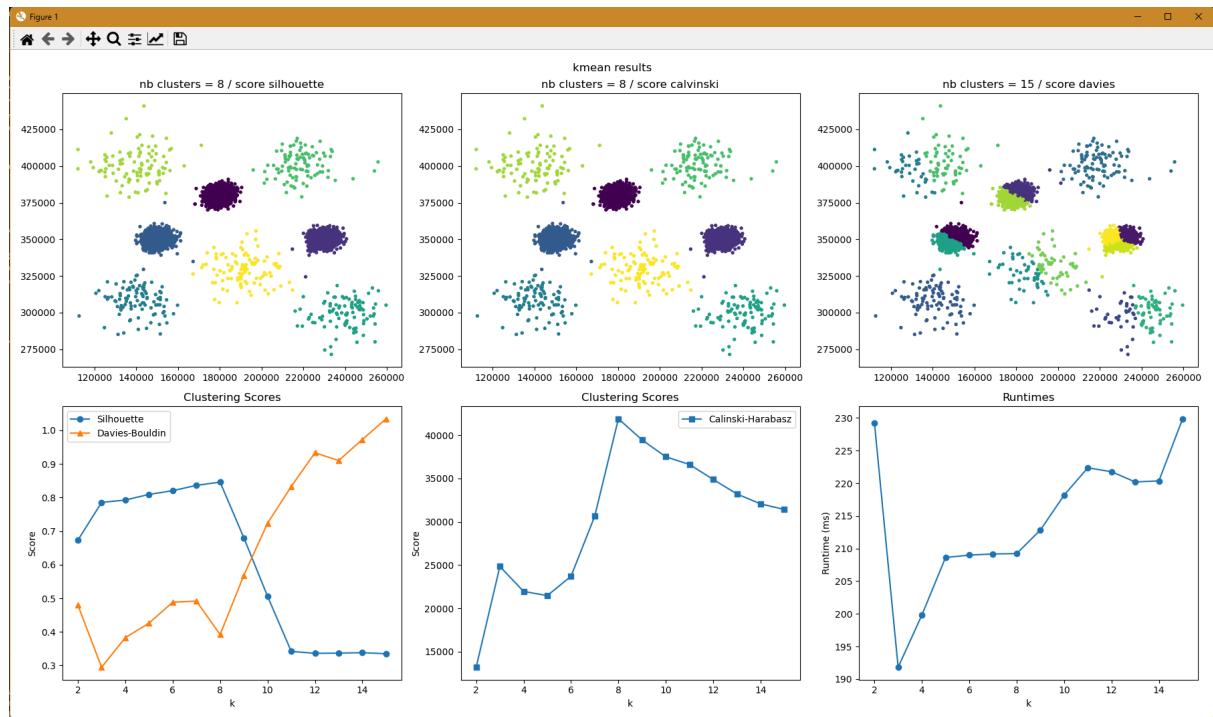


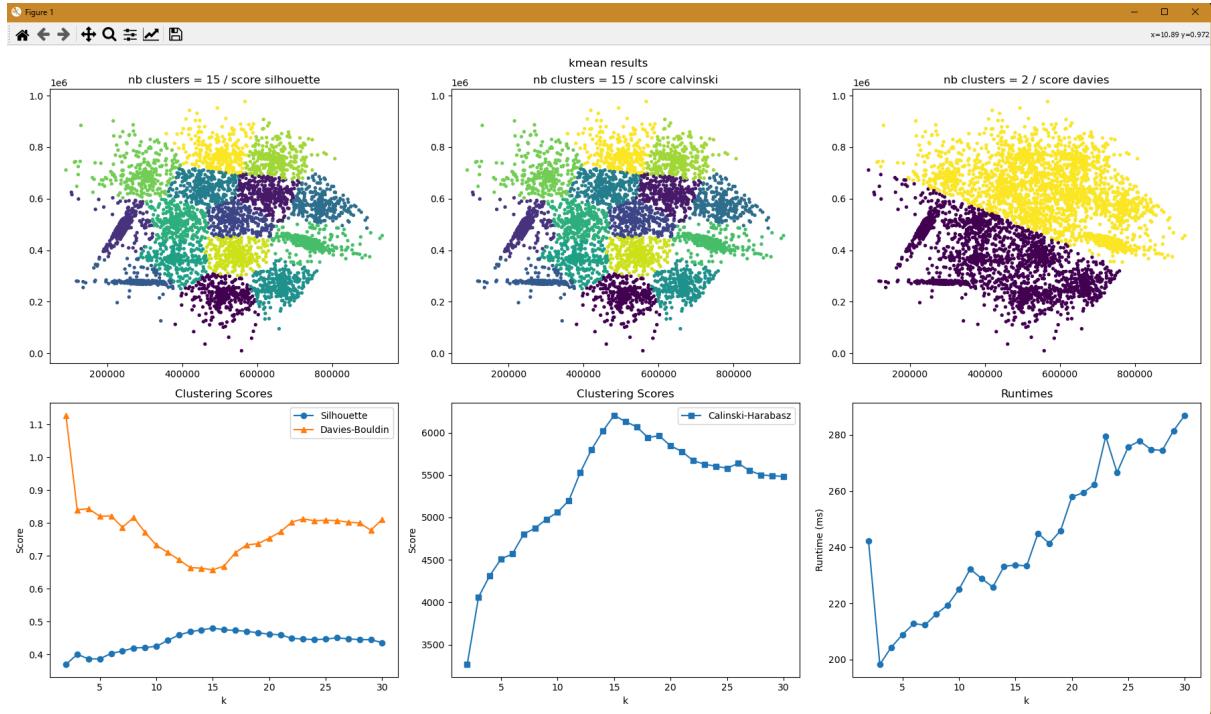
Annex

K-mean

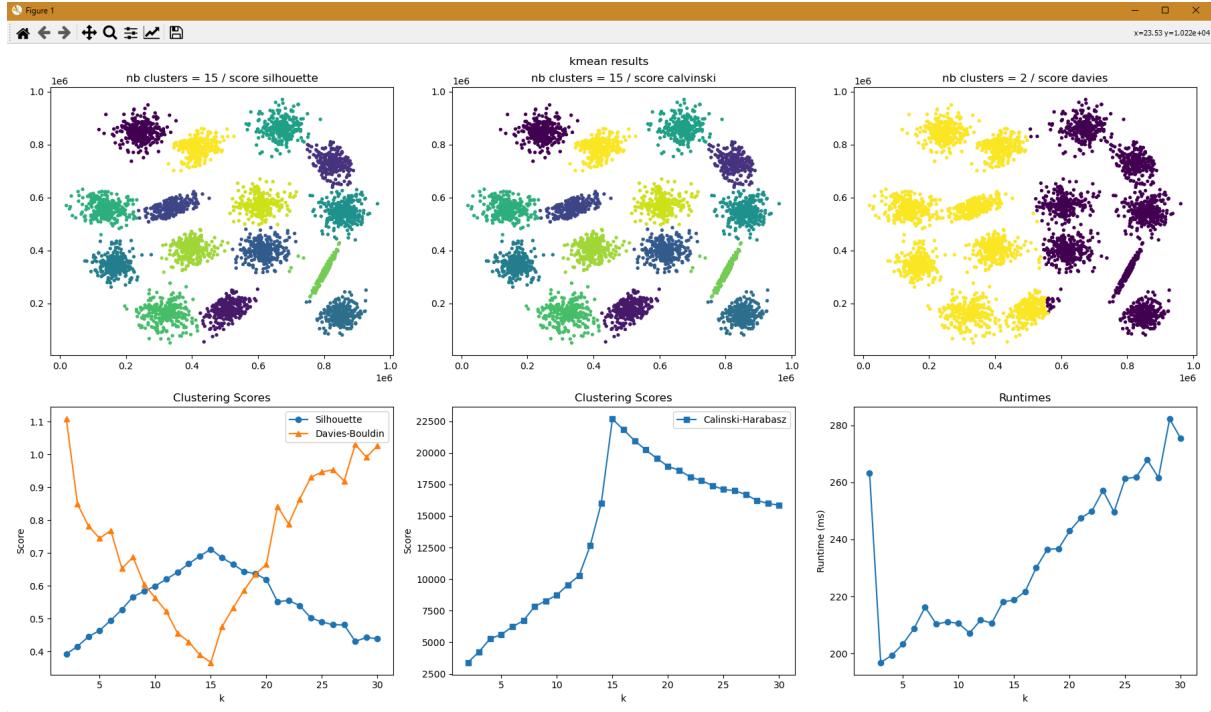
Zz1 dataset with wrong davies score



X4 dataset with wrong davies score



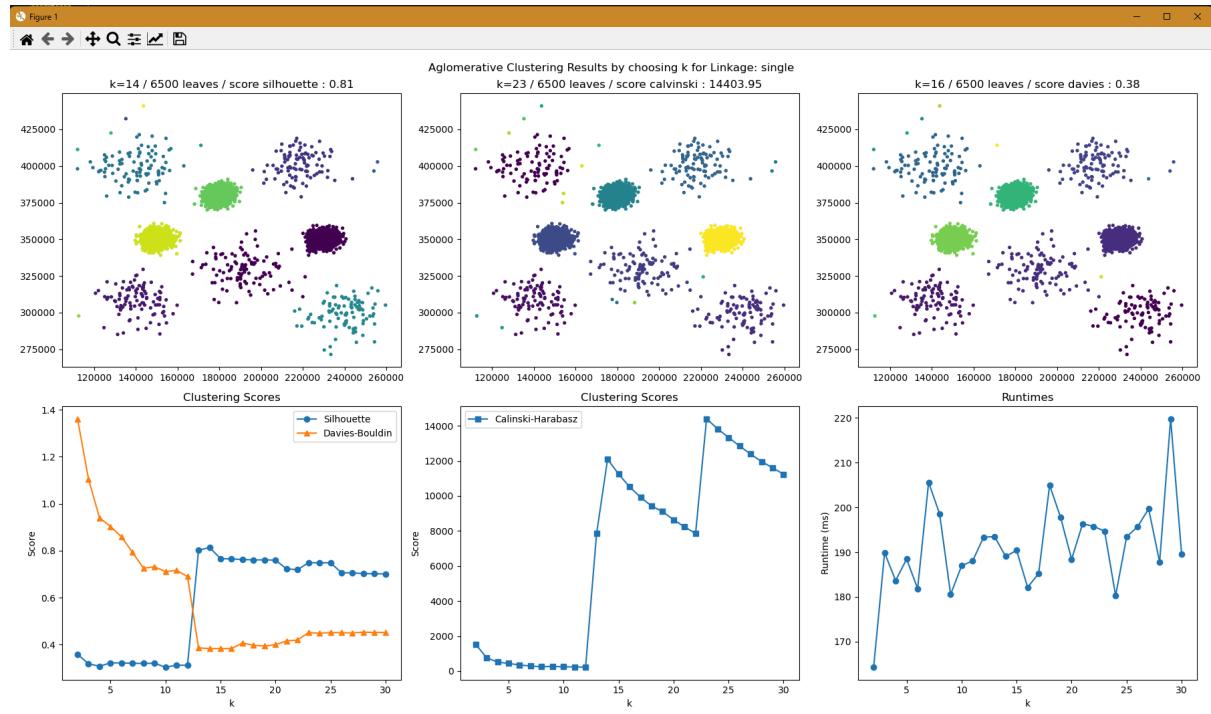
X1 dataset with wrong davies score



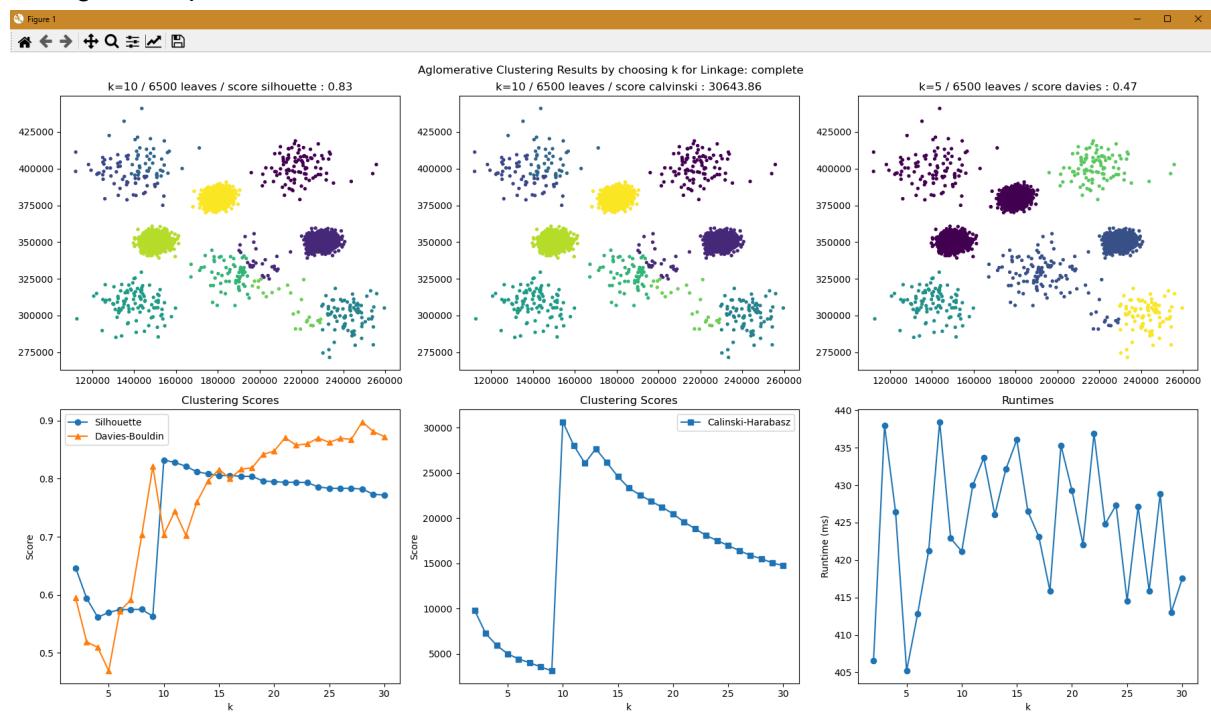
Agglomerative (choosing k)

Zz1 dataset

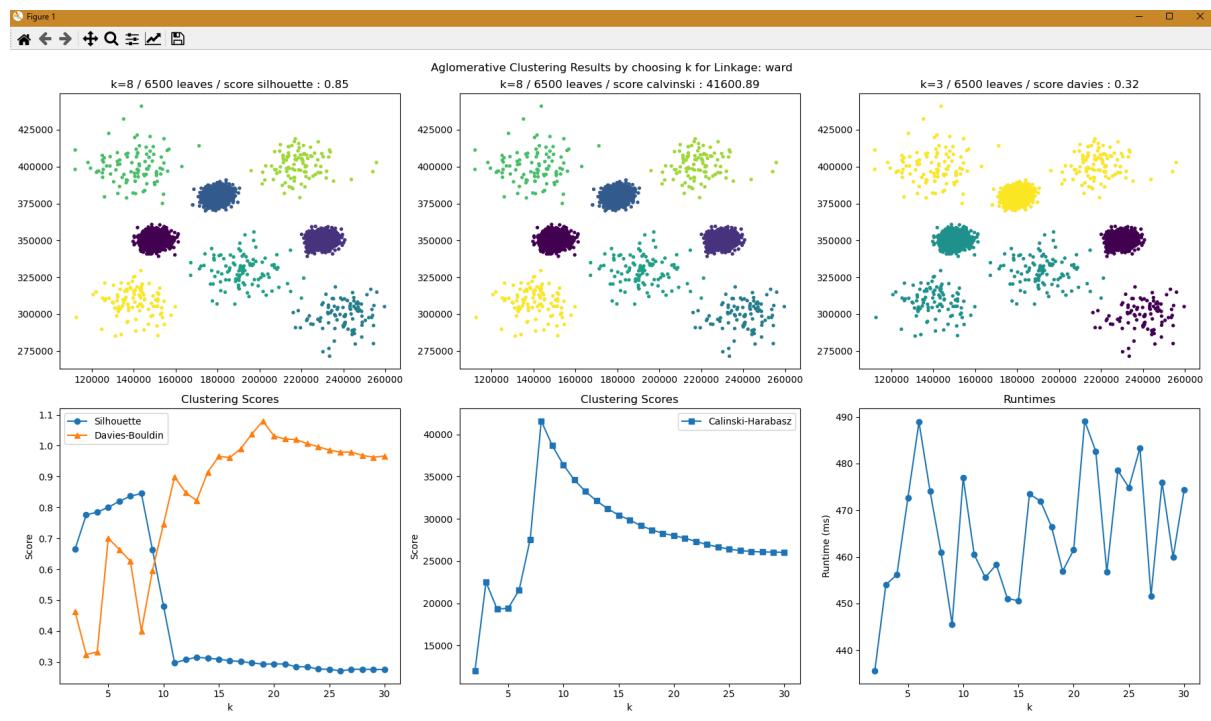
Linkage : single



Linkage : complete

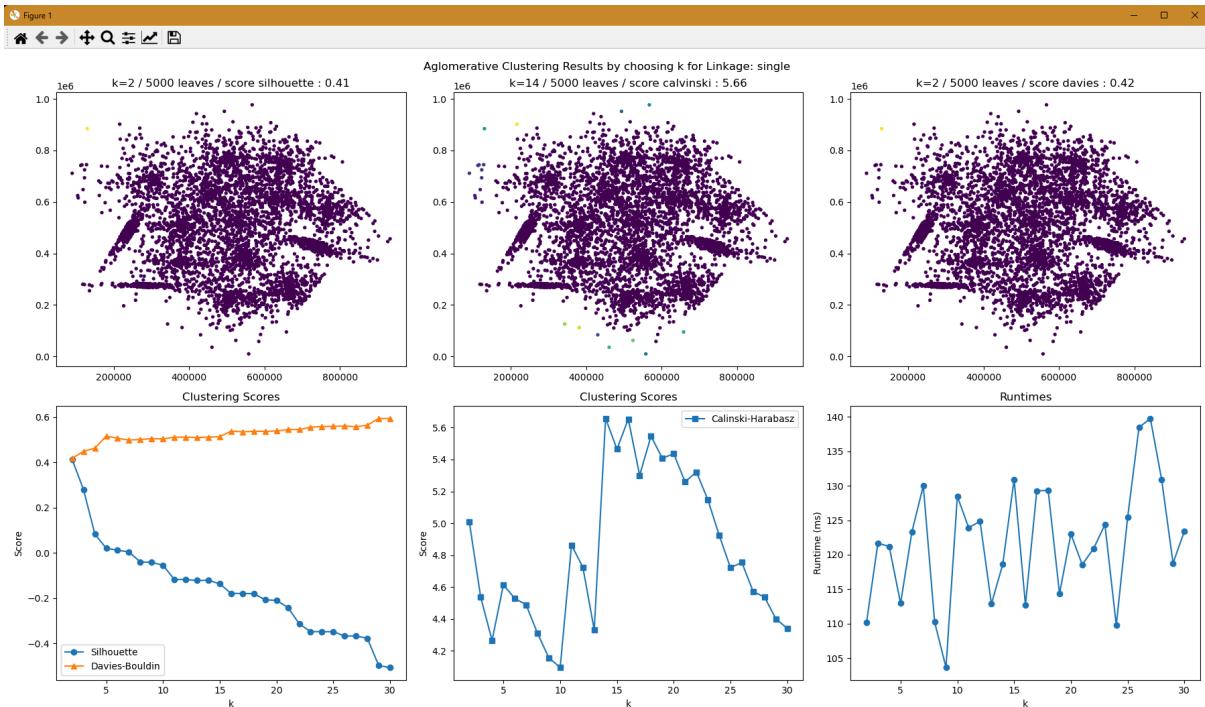


Linkage : ward

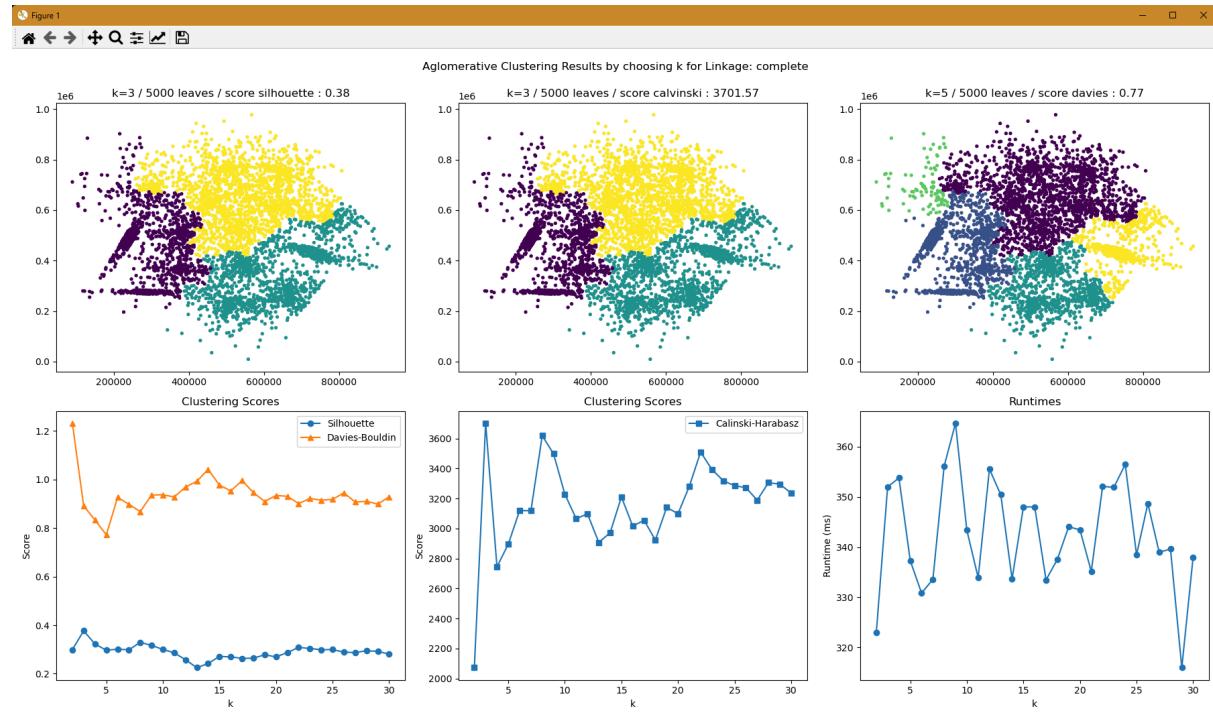


X4 dataset

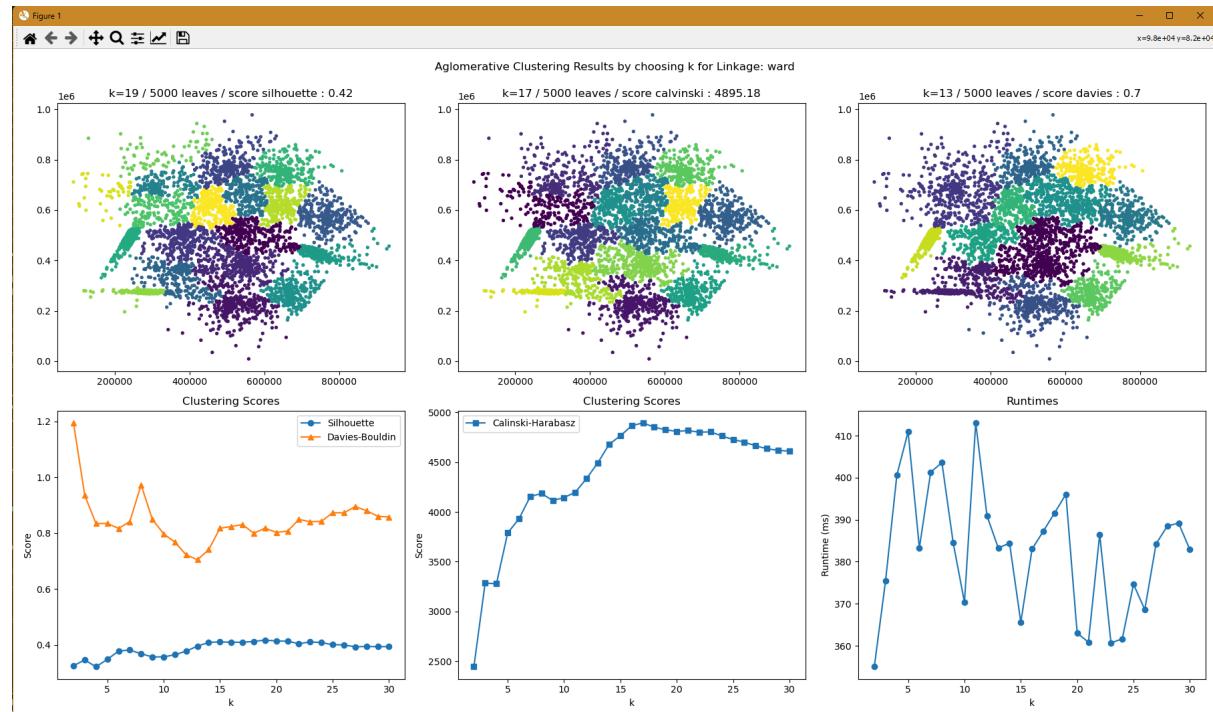
Linkage : single



Linkage : complete

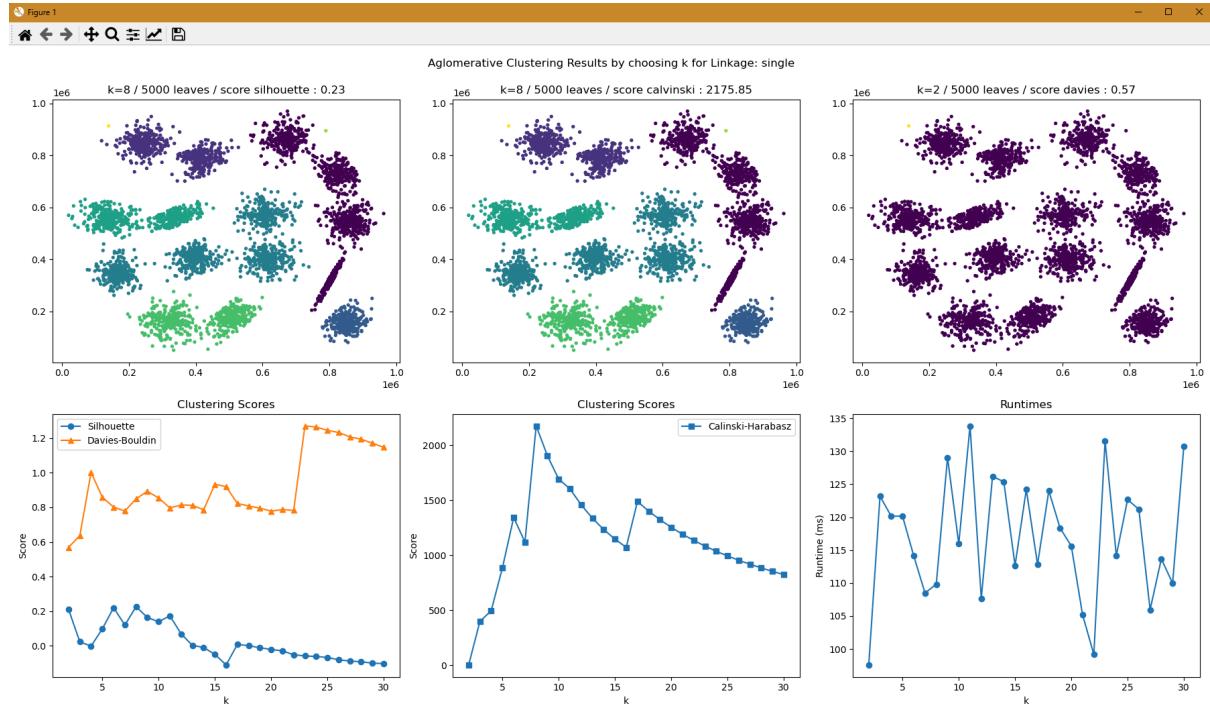


Linkage : Ward

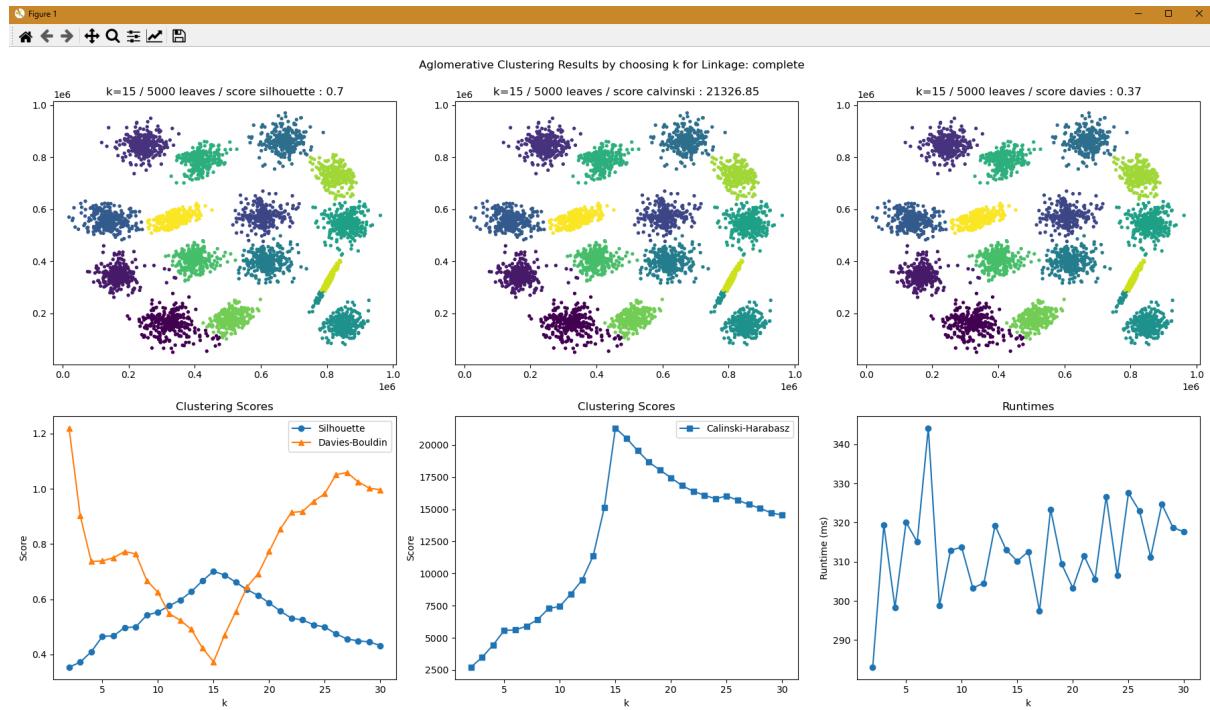


X1 dataset :

Linkage : single



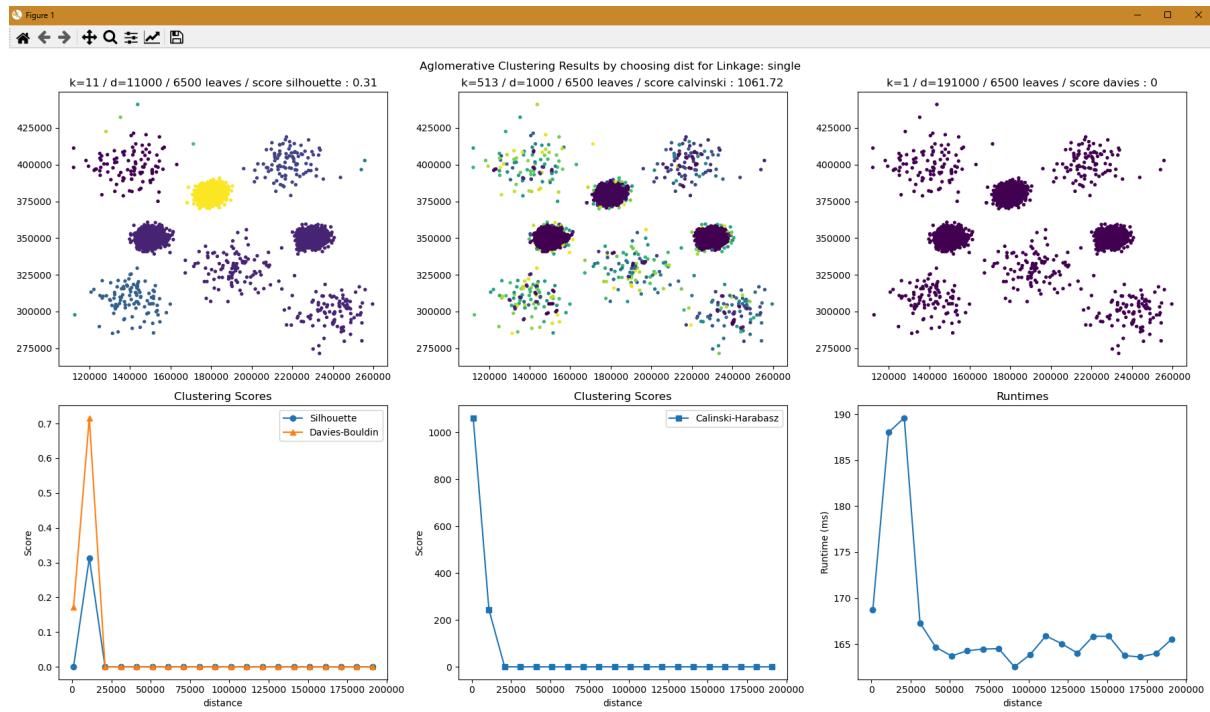
Linkage : complete



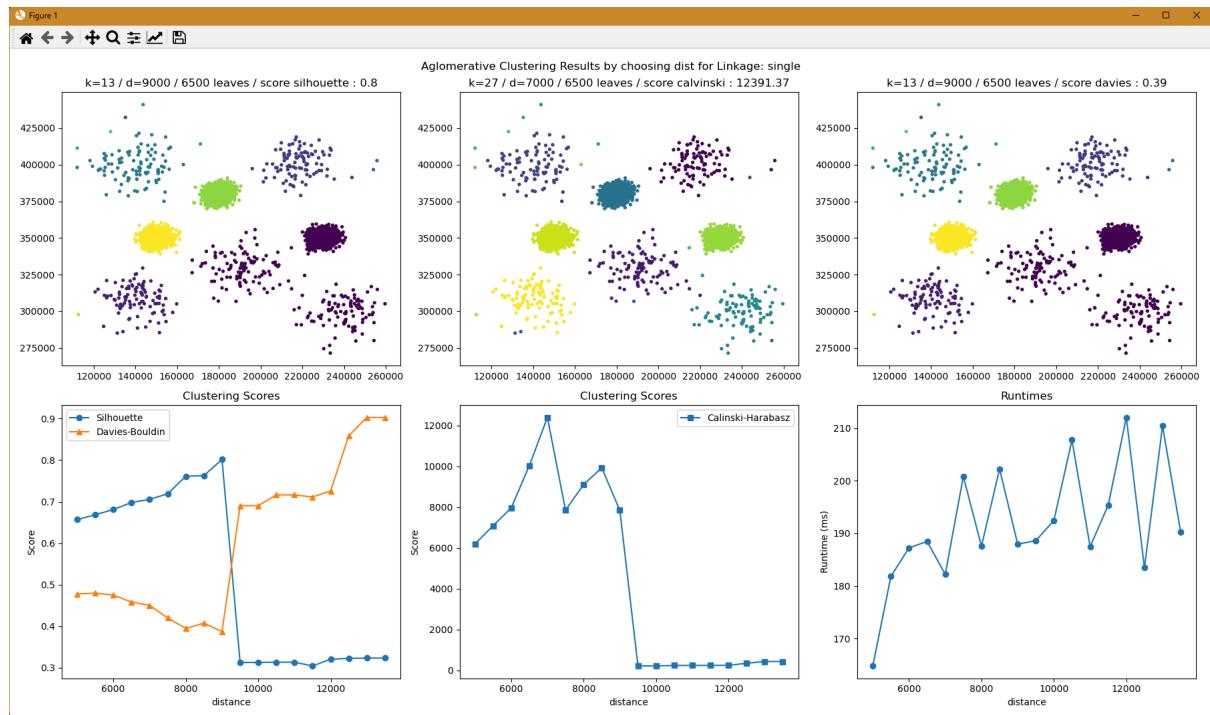
Agglomerative by choosing d :

ZZ1 dataset :

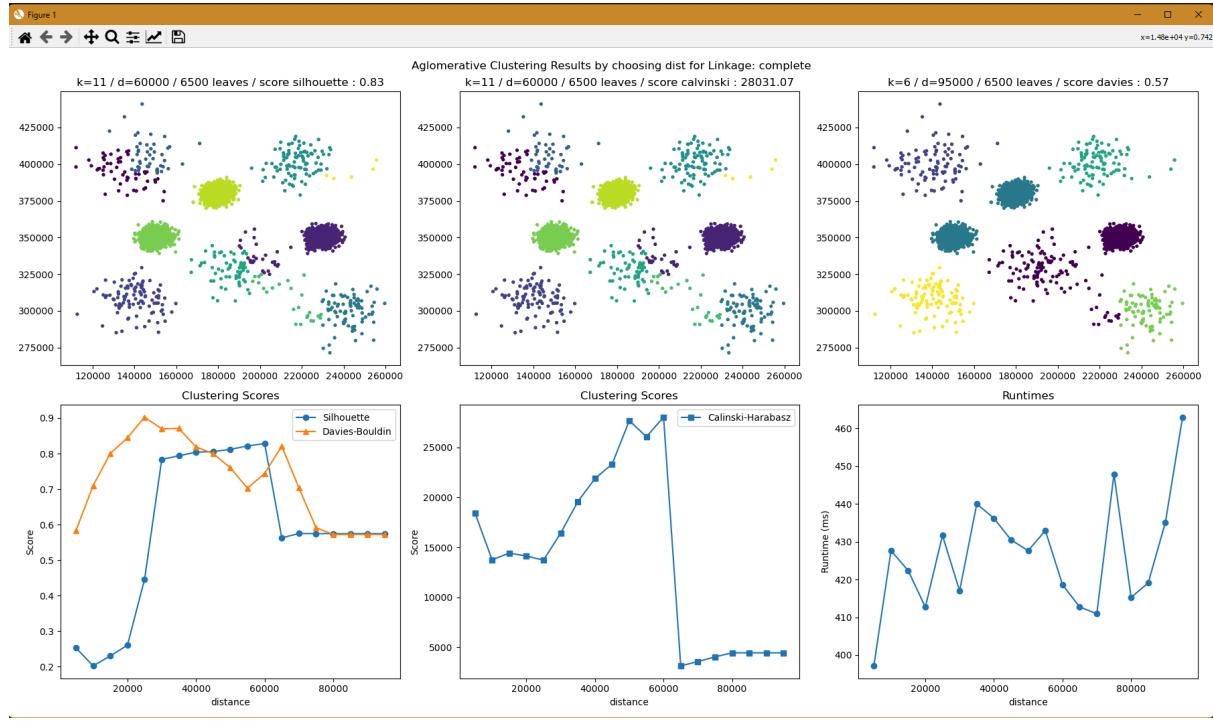
Linkage : single



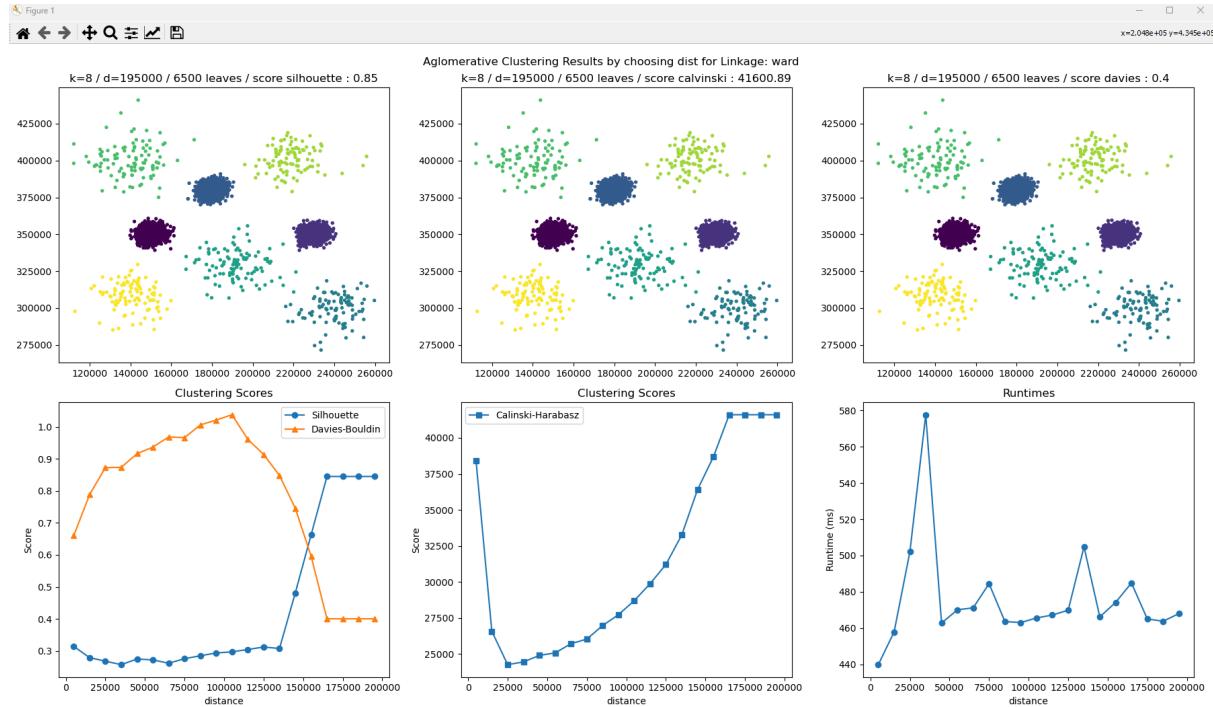
If the score is equal to 0 it means that the algorithm found $k = 1$, we have to reduce the distance then



Linkage : complete

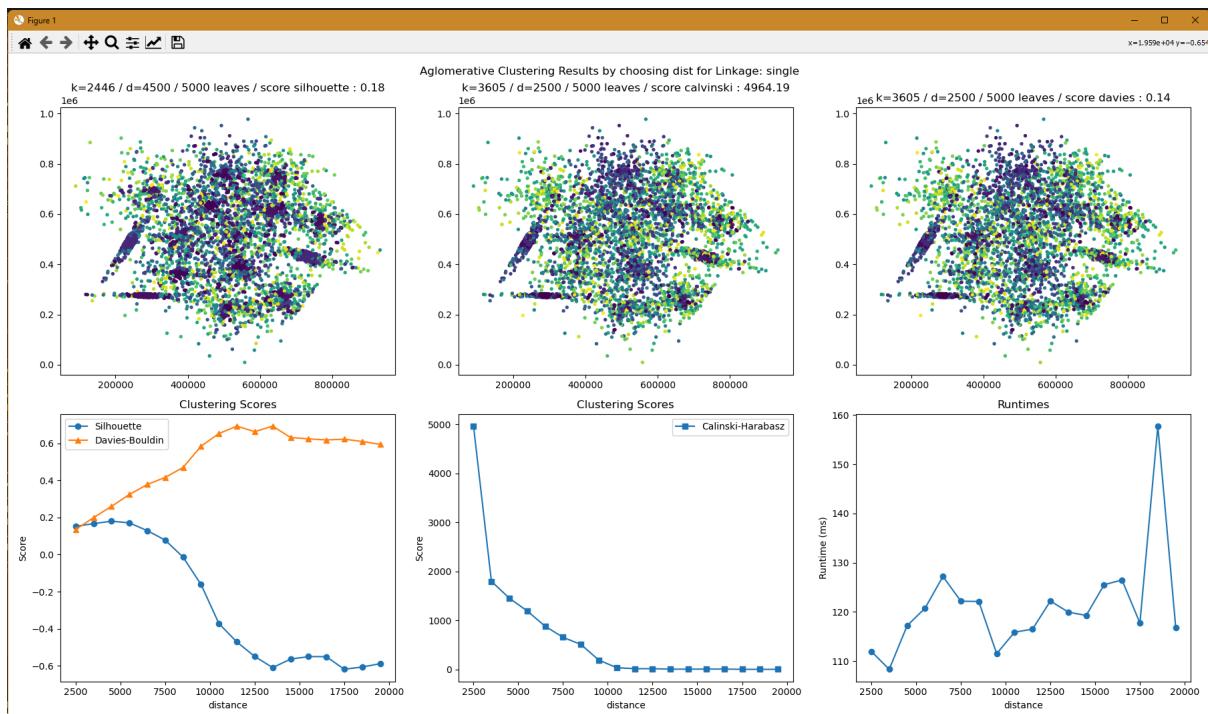


Linkage : ward

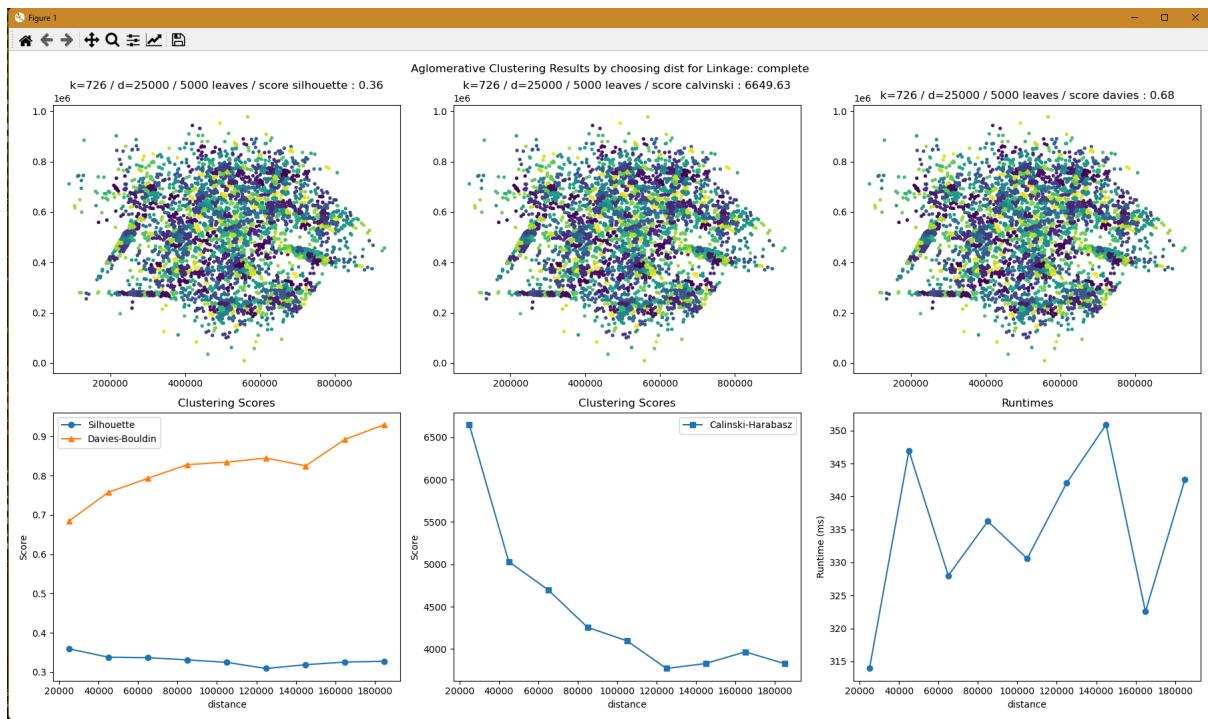


X4 dataset :

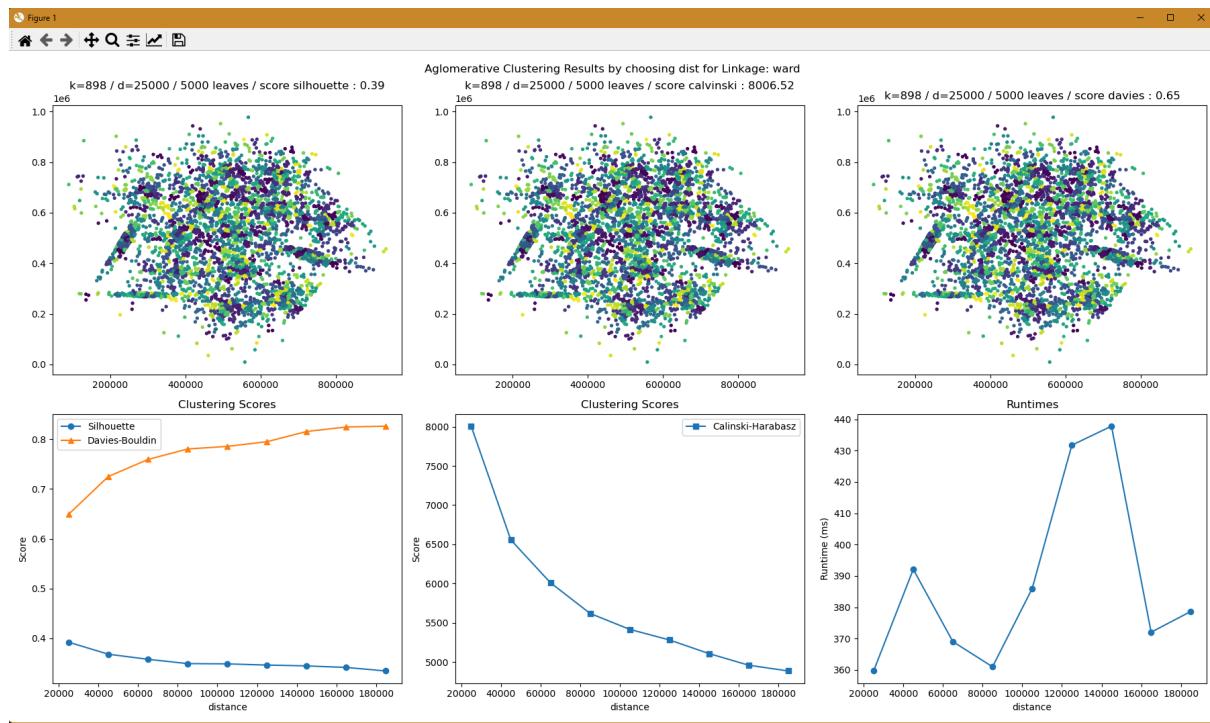
Linkage : single



Linkage : complete

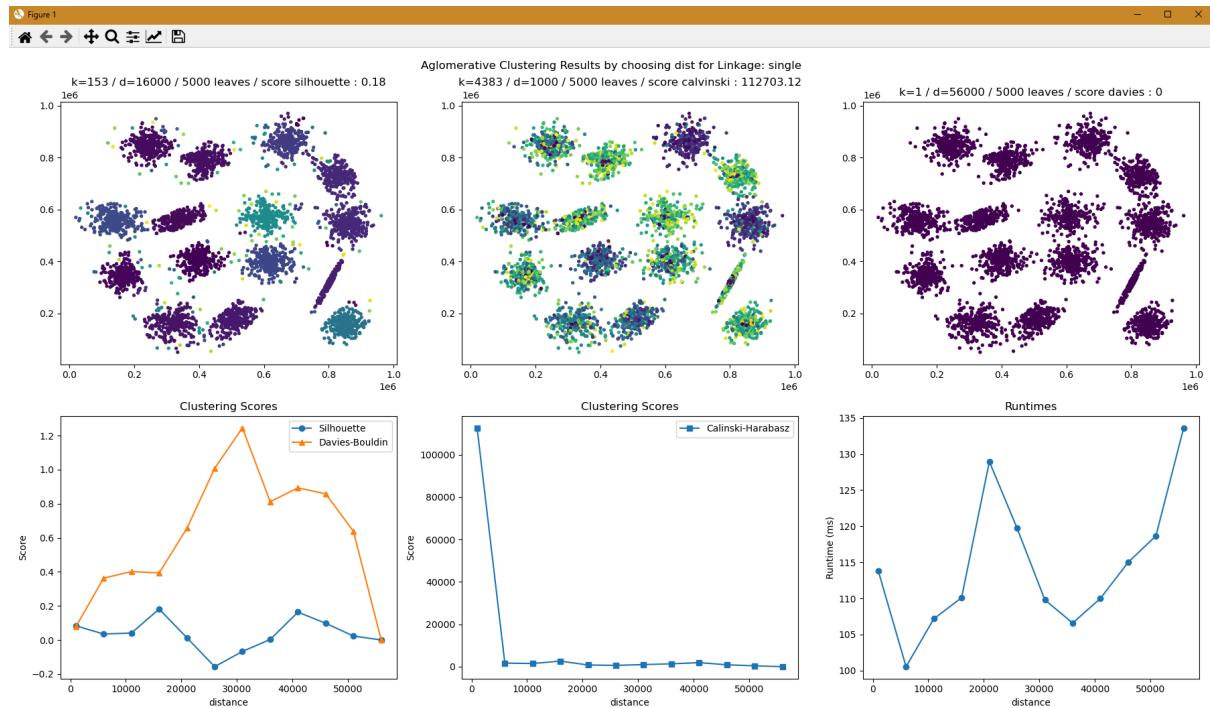


Linkage : ward

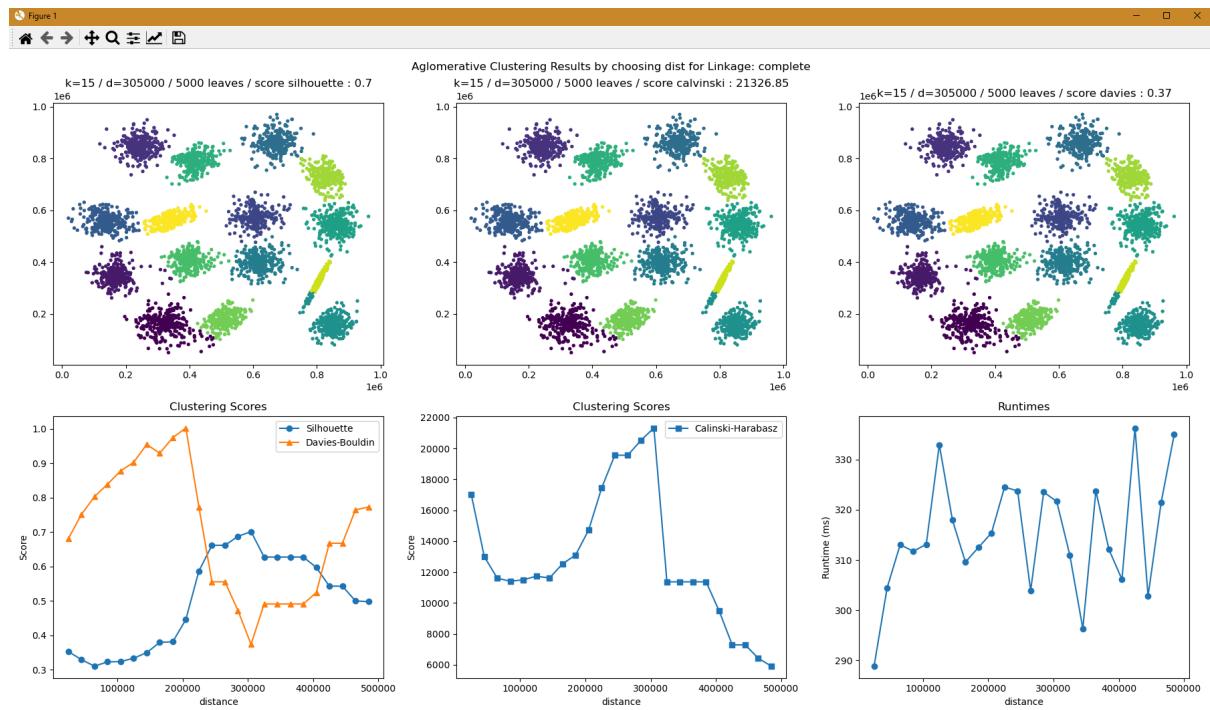


X1 dataset

Linkage : single



Linkage : complete



Linkage : Ward

