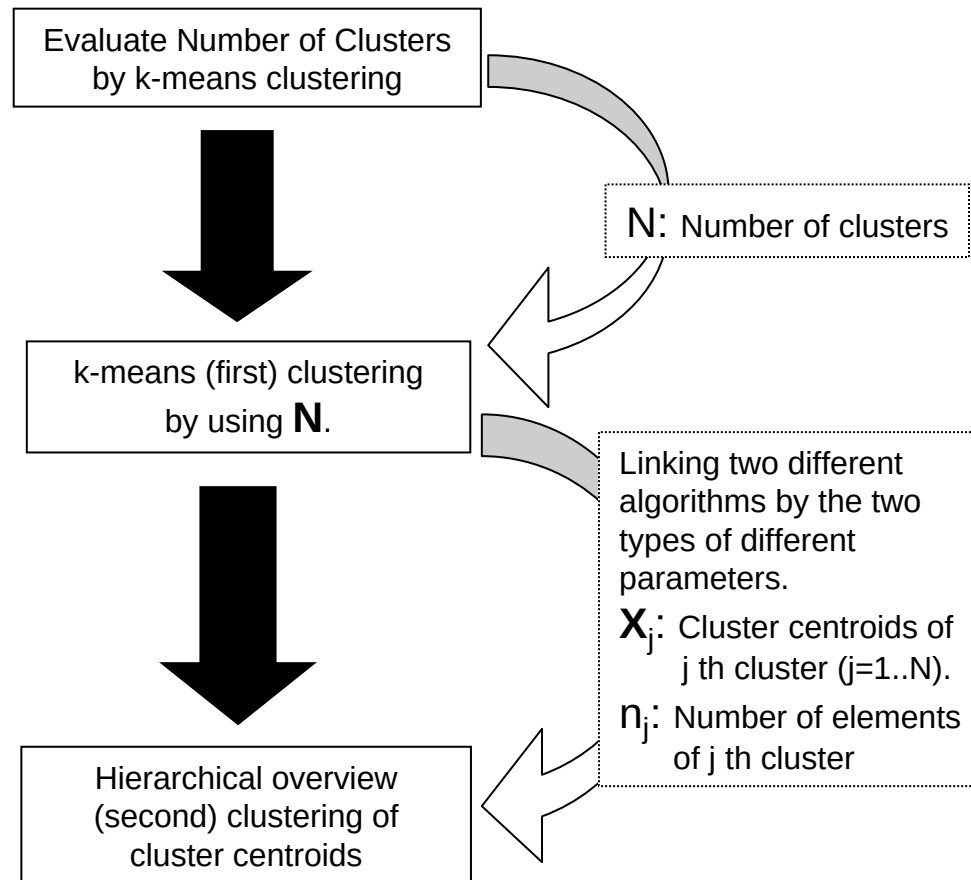
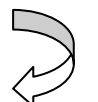


a)



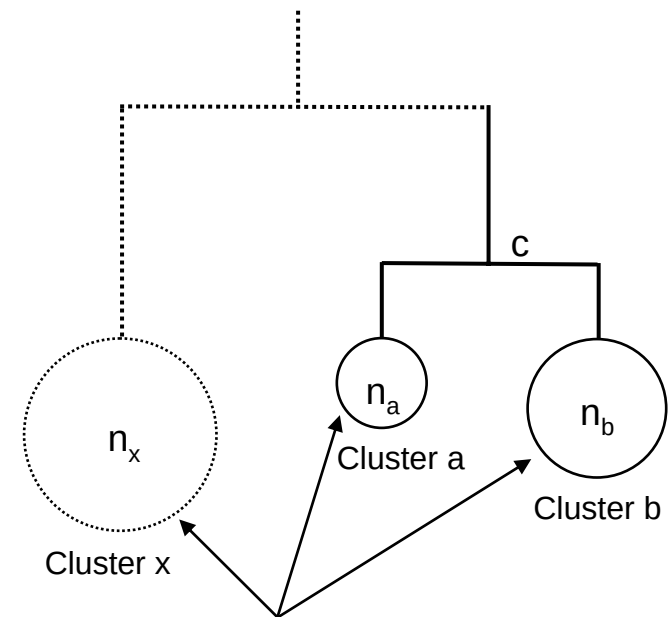
 Calculation procedure

 These parameters are used in the next calculation

b)

d_{xc} :Distance between x and c

$$d_{xc} = \frac{n_a}{n_a + n_b} d_{xa} + \frac{n_b}{n_a + n_b} d_{xb}$$



Result of first step clustering