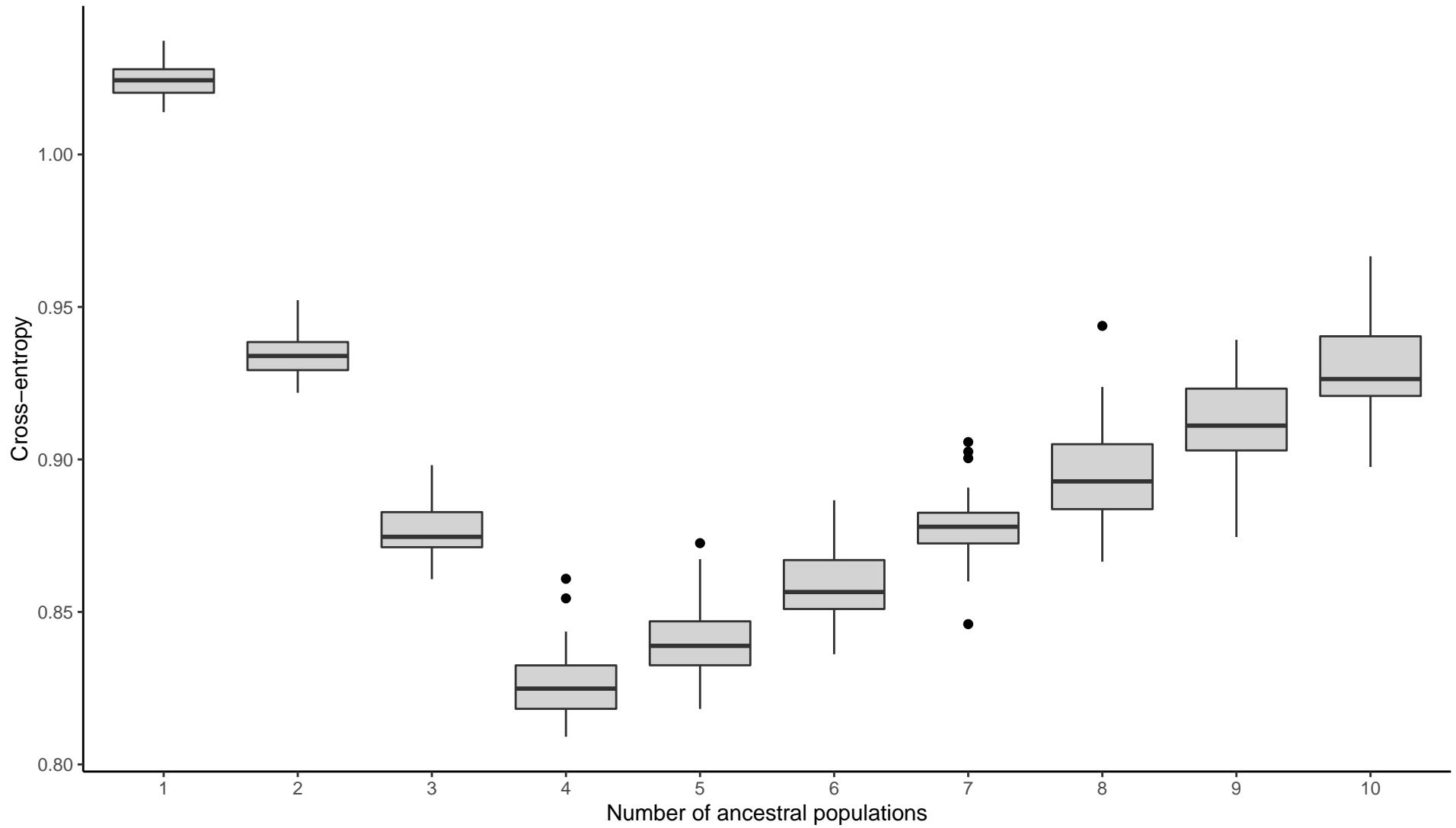
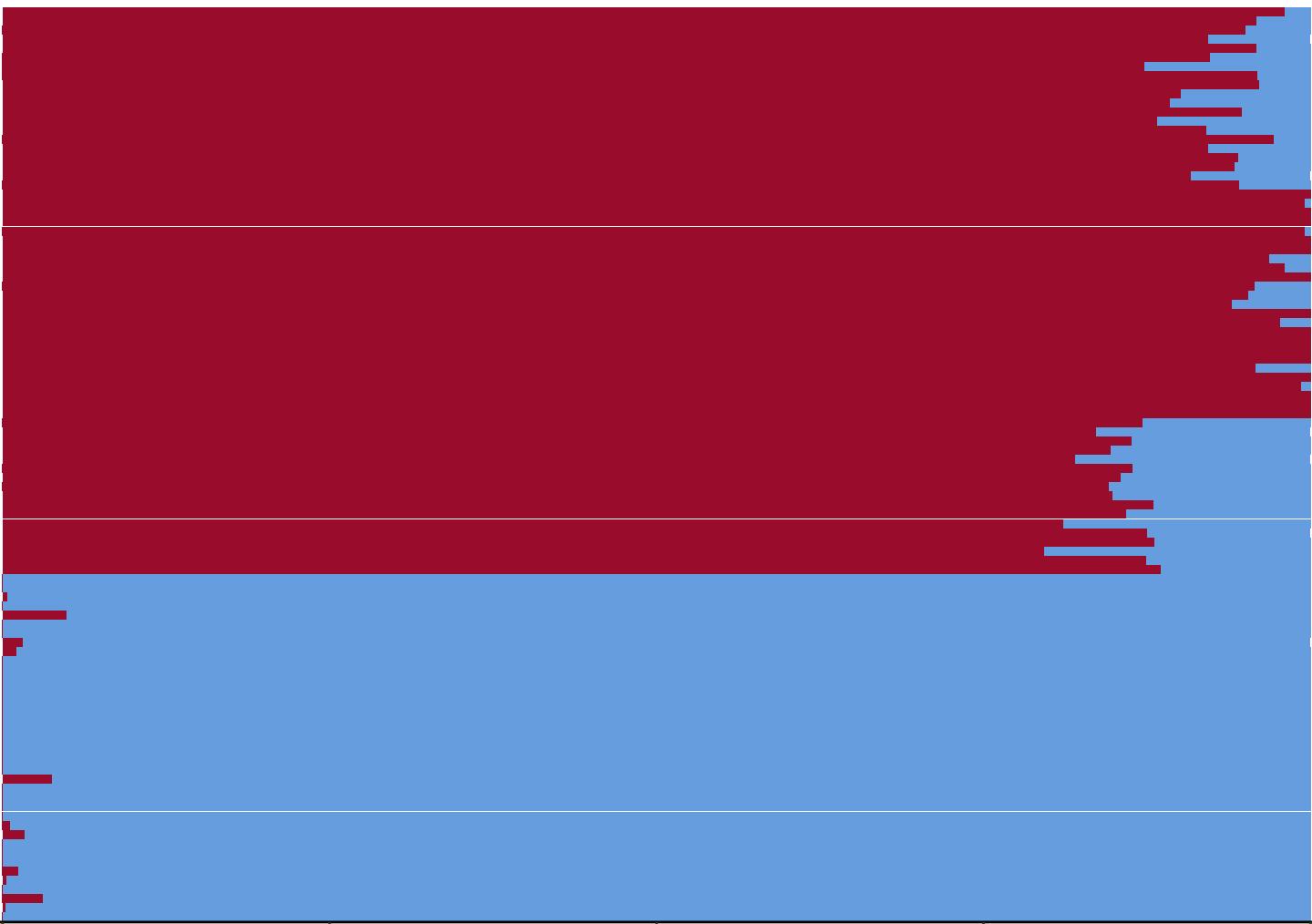


Cross-entropy (30 replicates) vs. number of ancestral populations (K)



K = 2

Sample100.pop4
Sample99.pop4
Sample98.pop4
Sample97.pop4
Sample96.pop4
Sample95.pop4
Sample94.pop4
Sample93.pop4
Sample92.pop4
Sample91.pop4
Sample90.pop4
Sample89.pop4
Sample88.pop4
Sample87.pop4
Sample86.pop4
Sample85.pop4
Sample84.pop4
Sample83.pop4
Sample82.pop4
Sample81.pop4
Sample80.pop4
Sample79.pop3
Sample78.pop3
Sample77.pop3
Sample76.pop3
Sample75.pop3
Sample74.pop3
Sample73.pop3
Sample72.pop3
Sample71.pop3
Sample70.pop3
Sample69.pop3
Sample68.pop3
Sample67.pop3
Sample66.pop3
Sample65.pop3
Sample64.pop3
Sample63.pop3
Sample62.pop3
Sample61.pop3
Sample60.pop3
Sample59.pop3
Sample58.pop3
Sample57.pop3
Sample56.pop3
Sample55.pop3
Sample54.pop3
Sample53.pop3
Sample52.pop3
Sample51.pop3
Sample50.pop2
Sample49.pop2
Sample48.pop2
Sample47.pop2
Sample46.pop2
Sample45.pop2
Sample44.pop2
Sample43.pop2
Sample42.pop2
Sample41.pop2
Sample40.pop2
Sample39.pop2
Sample38.pop1
Sample37.pop1
Sample36.pop1
Sample35.pop1
Sample34.pop1
Sample33.pop1
Sample32.pop1
Sample31.pop1
Sample30.pop1
Sample29.pop1
Sample28.pop1
Sample27.pop1
Sample26.pop1
Sample25.pop1
Sample24.pop1
Sample23.pop1
Sample22.pop1
Sample21.pop1
Sample20.pop1
Sample19.pop1
Sample18.pop1
Sample17.pop1
Sample16.pop1
Sample15.pop1
Sample14.pop1
Sample13.pop1
Sample12.pop1
Sample11.pop1
Sample10.pop1
Sample9.pop1
Sample8.pop1
Sample7.pop1
Sample6.pop1
Sample5.pop1
Sample4.pop1
Sample3.pop1
Sample2.pop1
Sample1.pop1



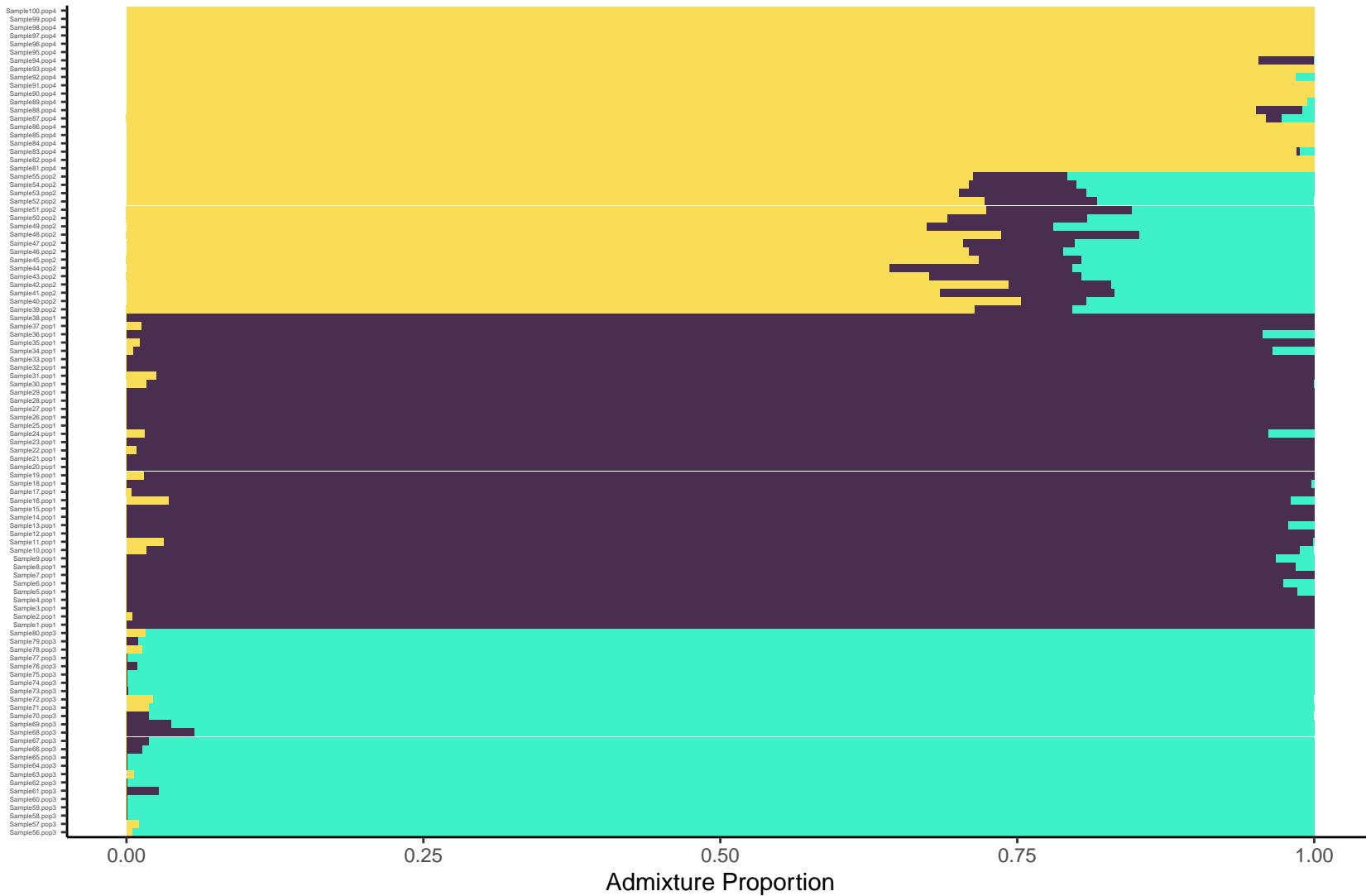
Cluster

- cluster1
- cluster2

0.00 0.25 0.50 0.75 1.00

Admixture Proportion

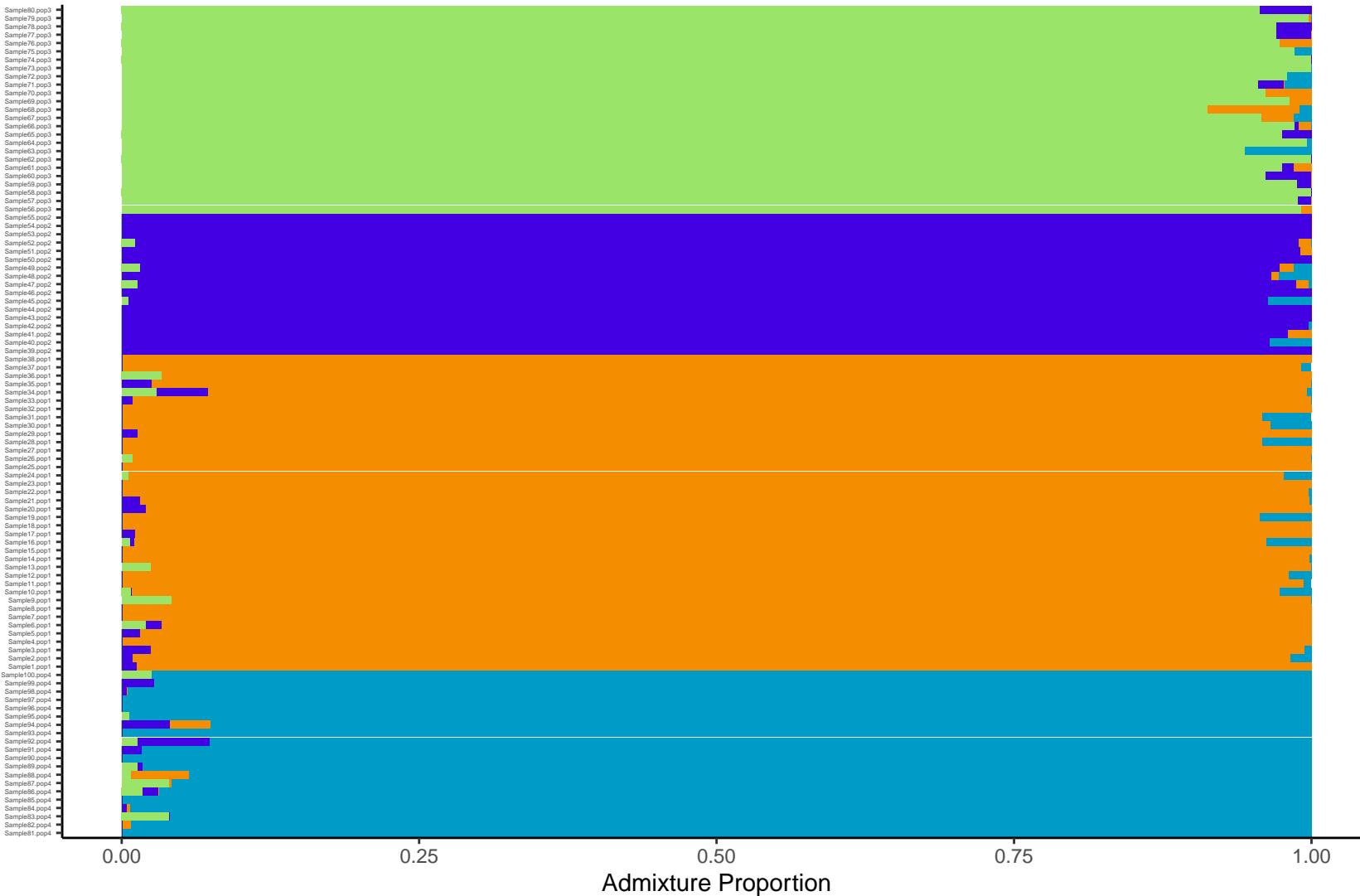
K = 3



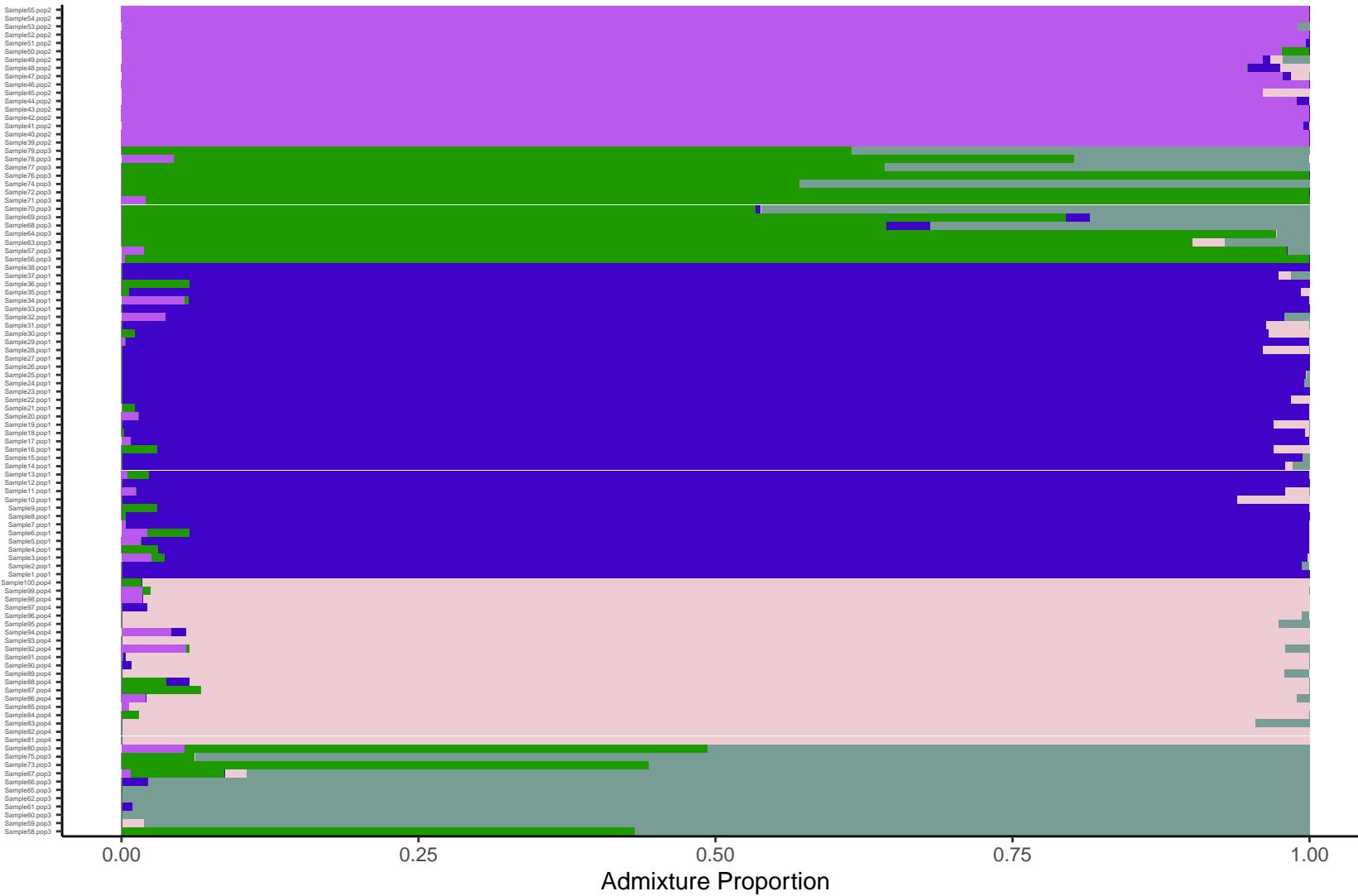
Cluster

- cluster1
- cluster2
- cluster3

K = 4



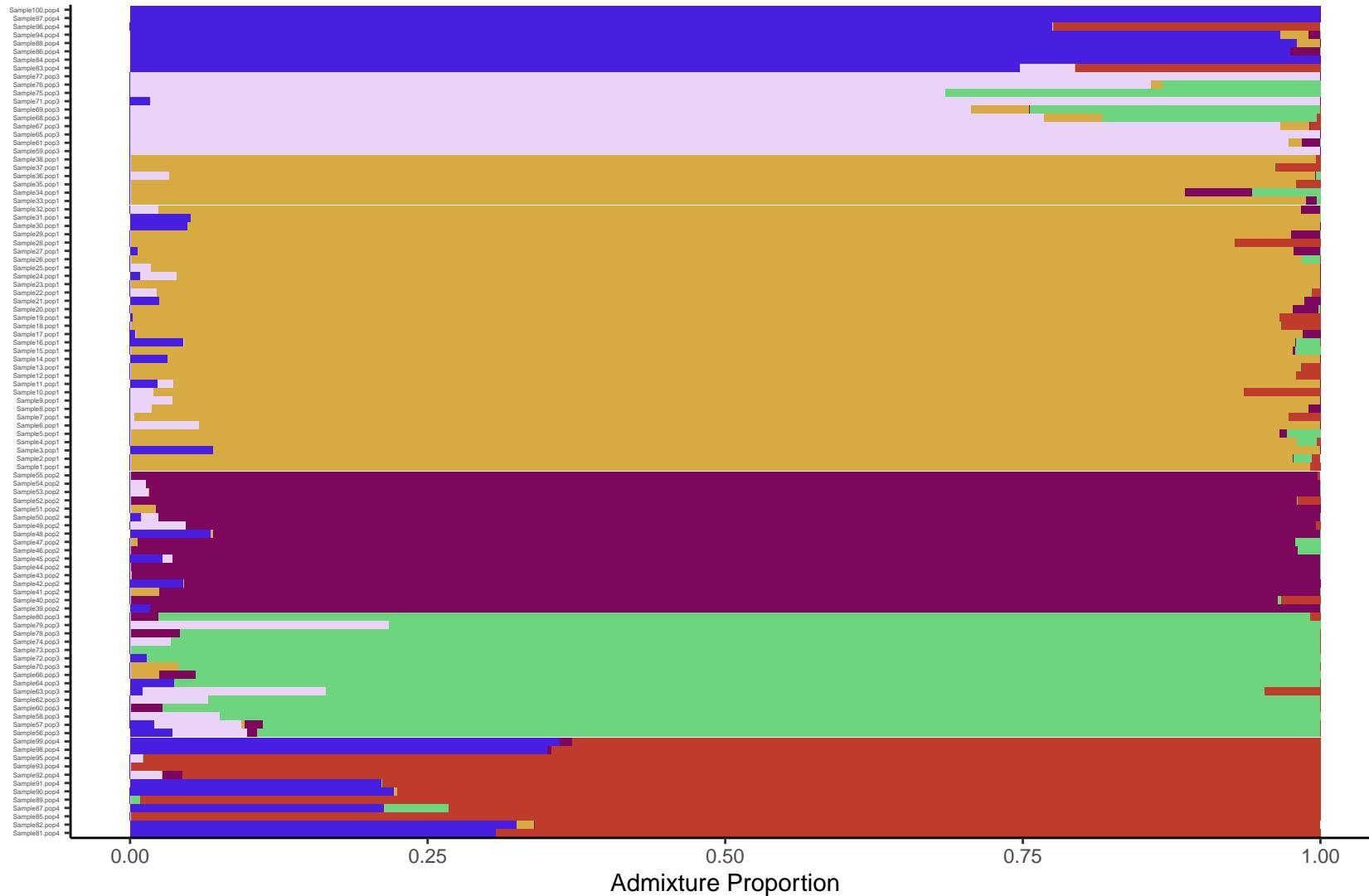
K = 5



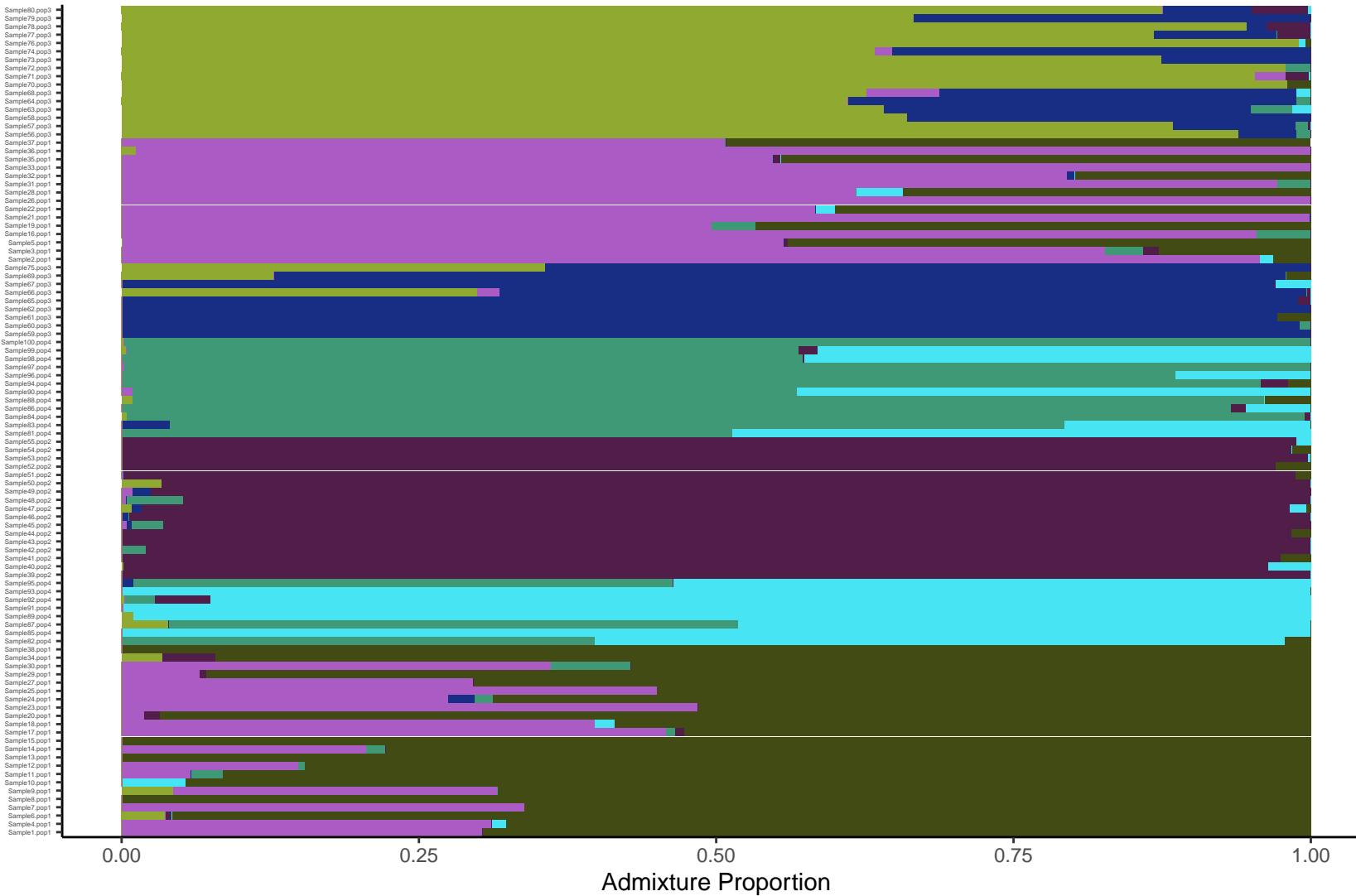
Cluster

- cluster1
- cluster2
- cluster3
- cluster4
- cluster5

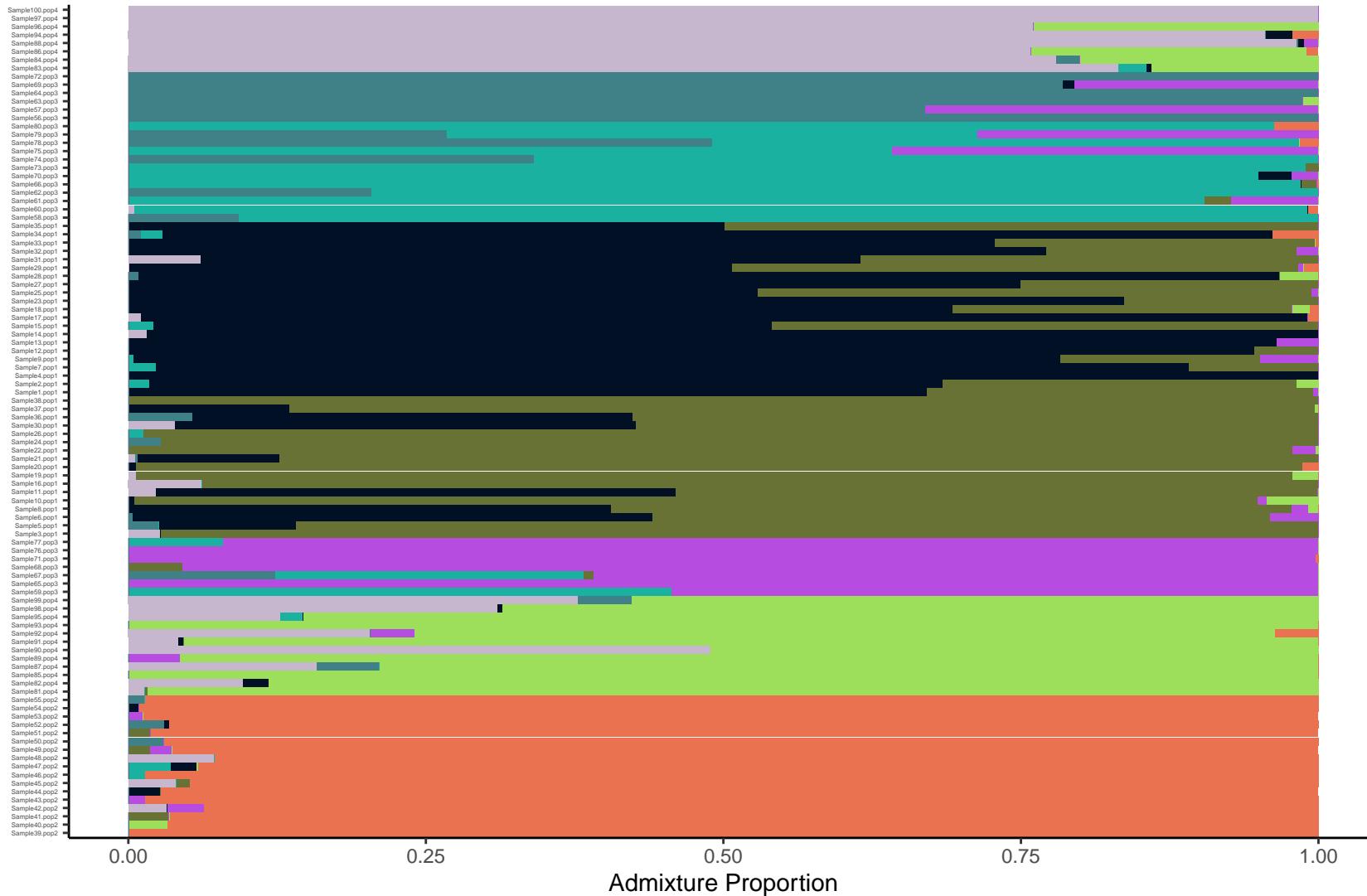
K = 6



K = 7



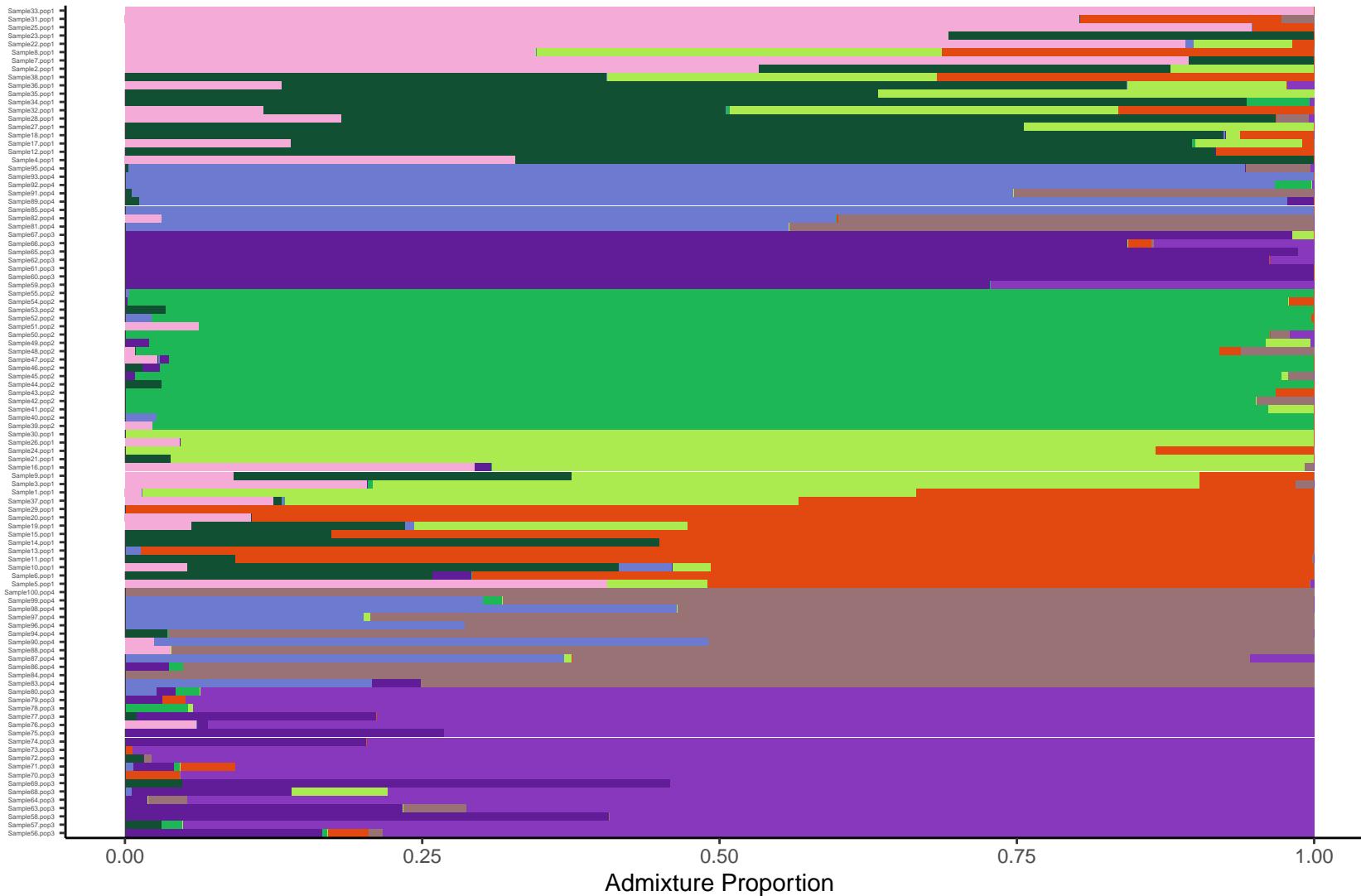
K = 8



Cluster

- cluster1
- cluster2
- cluster3
- cluster4
- cluster5
- cluster6
- cluster7
- cluster8

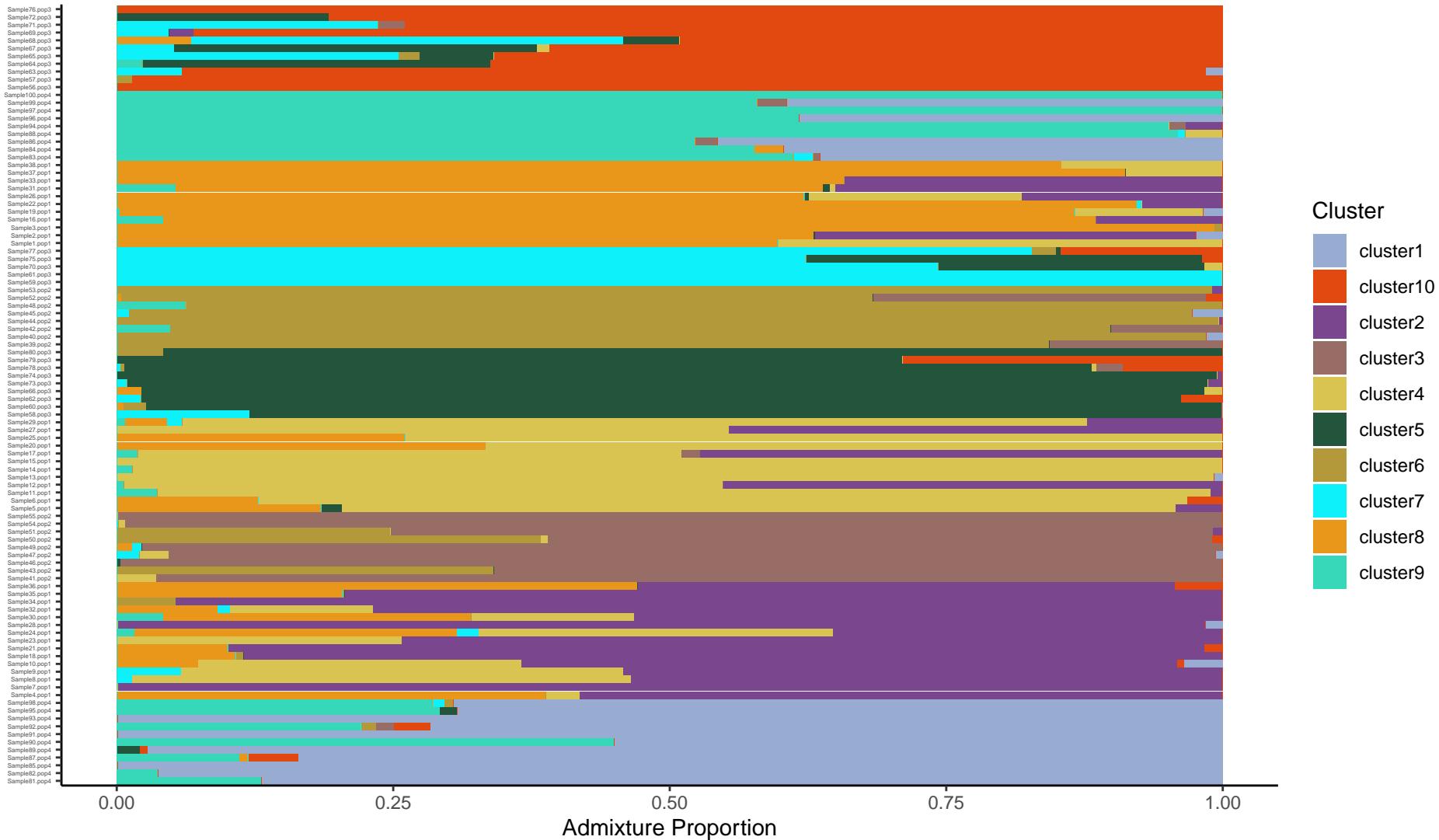
K = 9



Cluster

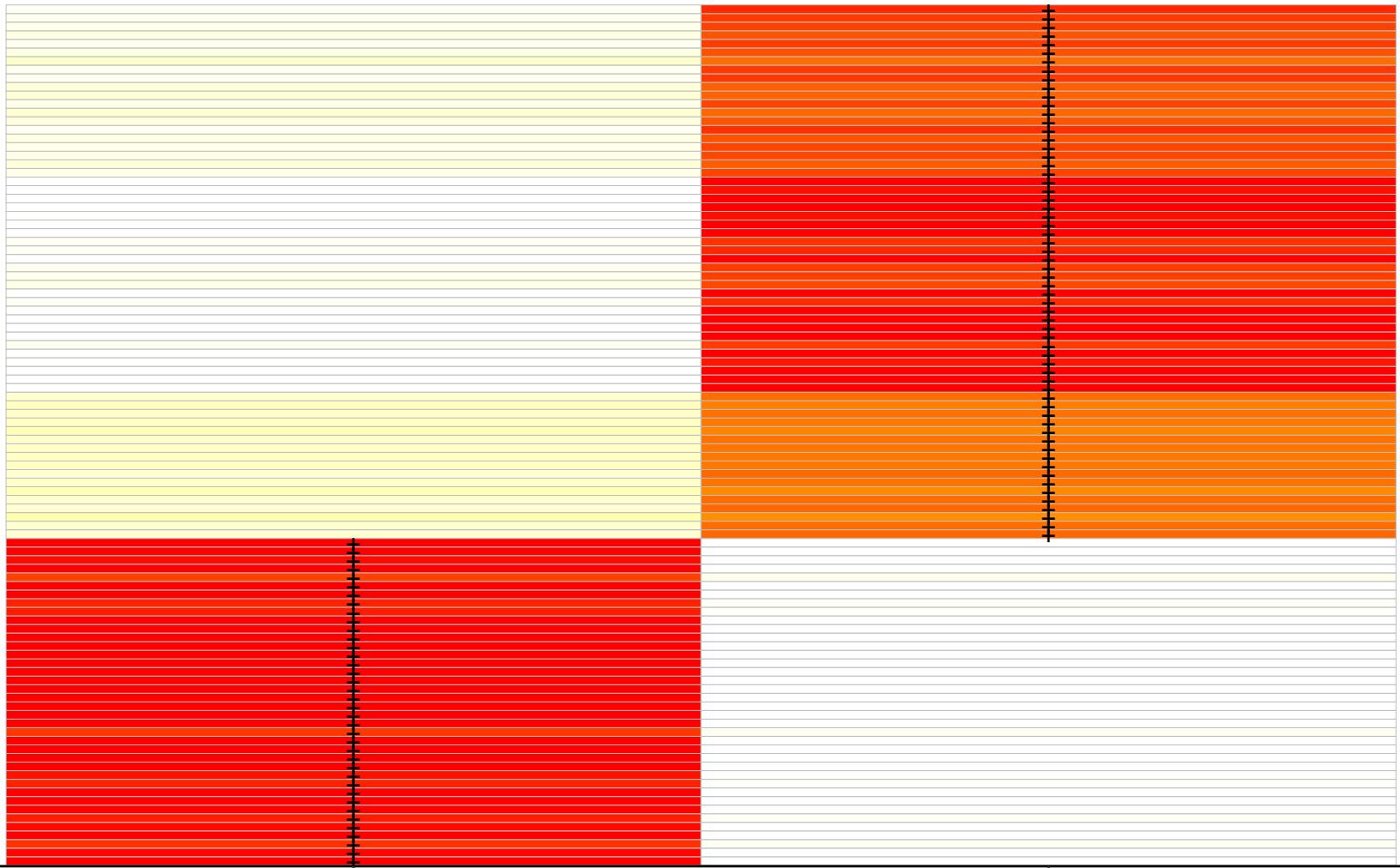
- cluster1
- cluster2
- cluster3
- cluster4
- cluster5
- cluster6
- cluster7
- cluster8
- cluster9

K = 10



$K = 2$

Sample100.pop4
Sample99.pop4
Sample98.pop4
Sample97.pop4
Sample96.pop4
Sample95.pop4
Sample94.pop4
Sample93.pop4
Sample92.pop4
Sample91.pop4
Sample90.pop4
Sample89.pop4
Sample88.pop4
Sample87.pop4
Sample86.pop4
Sample85.pop4
Sample84.pop4
Sample83.pop4
Sample82.pop4
Sample81.pop4
Sample80.pop4
Sample79.pop3
Sample78.pop3
Sample77.pop3
Sample76.pop3
Sample75.pop3
Sample74.pop3
Sample73.pop3
Sample72.pop3
Sample71.pop3
Sample70.pop3
Sample69.pop3
Sample68.pop3
Sample67.pop3
Sample66.pop3
Sample65.pop3
Sample64.pop3
Sample63.pop3
Sample62.pop3
Sample61.pop3
Sample60.pop3
Sample59.pop3
Sample58.pop3
Sample57.pop3
Sample56.pop3
Sample55.pop3
Sample54.pop2
Sample53.pop2
Sample52.pop2
Sample51.pop2
Sample50.pop2
Sample49.pop2
Sample48.pop2
Sample47.pop2
Sample46.pop2
Sample45.pop2
Sample44.pop2
Sample43.pop2
Sample42.pop2
Sample41.pop2
Sample40.pop2
Sample39.pop2
Sample38.pop1
Sample37.pop1
Sample36.pop1
Sample35.pop1
Sample34.pop1
Sample33.pop1
Sample32.pop1
Sample31.pop1
Sample30.pop1
Sample29.pop1
Sample28.pop1
Sample27.pop1
Sample26.pop1
Sample25.pop1
Sample24.pop1
Sample23.pop1
Sample22.pop1
Sample21.pop1
Sample20.pop1
Sample19.pop1
Sample18.pop1
Sample17.pop1
Sample16.pop1
Sample15.pop1
Sample14.pop1
Sample13.pop1
Sample12.pop1
Sample11.pop1
Sample10.pop1
Sample9.pop1
Sample8.pop1
Sample7.pop1
Sample6.pop1
Sample5.pop1
Sample4.pop1
Sample3.pop1
Sample2.pop1
Sample1.pop1



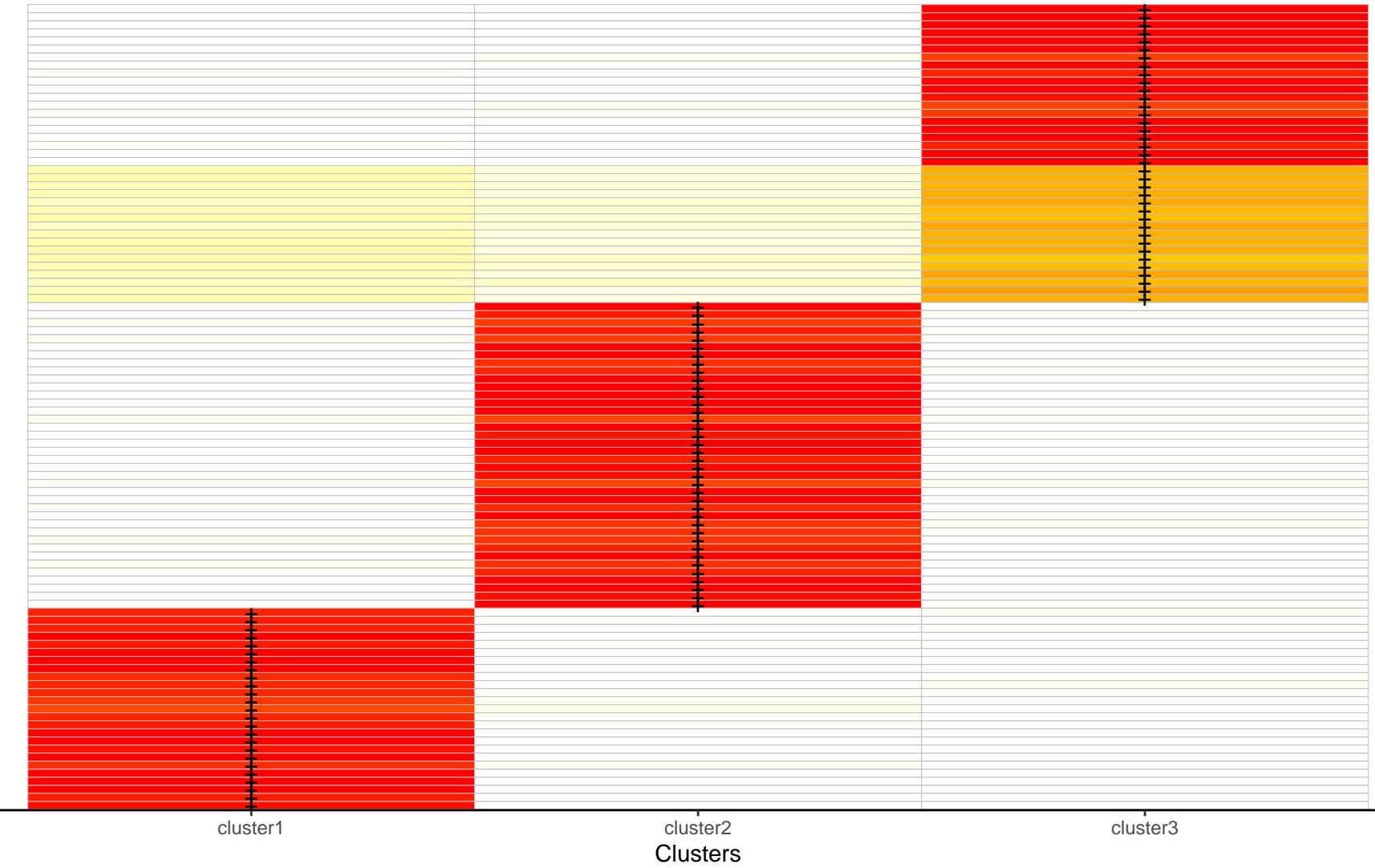
cluster1

cluster2

Clusters

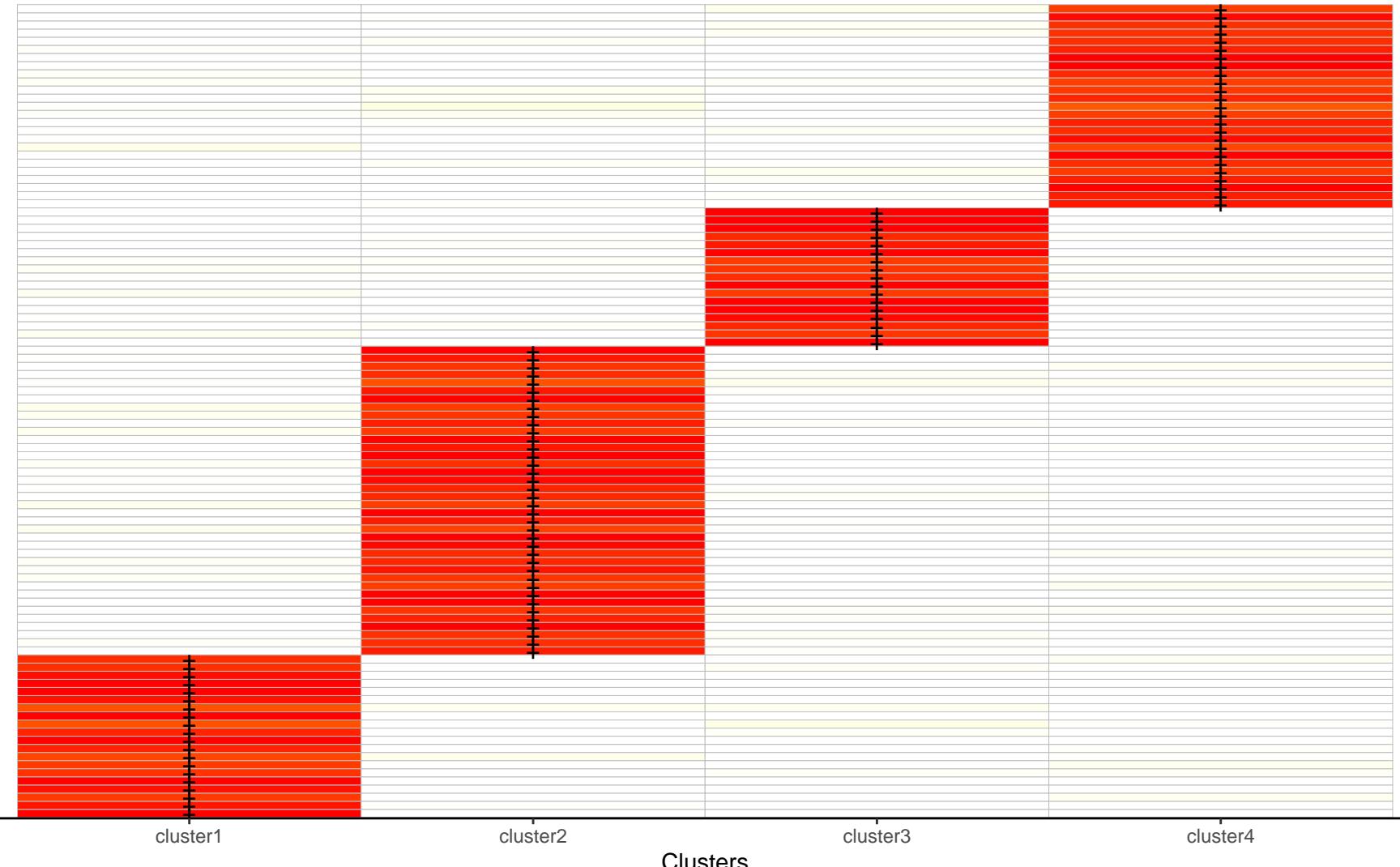
$K = 3$

Sample100.pop4
Sample99.pop4
Sample98.pop4
Sample97.pop4
Sample96.pop4
Sample95.pop4
Sample94.pop4
Sample93.pop4
Sample92.pop4
Sample91.pop4
Sample90.pop4
Sample89.pop4
Sample88.pop4
Sample87.pop4
Sample86.pop4
Sample85.pop4
Sample84.pop4
Sample83.pop4
Sample82.pop4
Sample81.pop4
Sample80.pop4
Sample84.pop2
Sample53.pop2
Sample62.pop2
Sample50.pop2
Sample49.pop2
Sample48.pop2
Sample47.pop2
Sample46.pop2
Sample45.pop2
Sample44.pop2
Sample43.pop2
Sample42.pop2
Sample41.pop2
Sample40.pop2
Sample39.pop2
Sample38.pop1
Sample37.pop1
Sample36.pop1
Sample35.pop1
Sample34.pop1
Sample33.pop1
Sample32.pop1
Sample31.pop1
Sample30.pop1
Sample29.pop1
Sample28.pop1
Sample27.pop1
Sample26.pop1
Sample25.pop1
Sample24.pop1
Sample23.pop1
Sample22.pop1
Sample21.pop1
Sample20.pop1
Sample19.pop1
Sample18.pop1
Sample17.pop1
Sample16.pop1
Sample15.pop1
Sample14.pop1
Sample13.pop1
Sample12.pop1
Sample11.pop1
Sample10.pop1
Sample9.pop1
Sample8.pop1
Sample7.pop1
Sample6.pop1
Sample5.pop1
Sample4.pop1
Sample3.pop1
Sample2.pop1
Sample1.pop1
Sample80.pop3
Sample79.pop3
Sample78.pop3
Sample77.pop3
Sample76.pop3
Sample75.pop3
Sample74.pop3
Sample73.pop3
Sample72.pop3
Sample71.pop3
Sample70.pop3
Sample69.pop3
Sample68.pop3
Sample67.pop3
Sample66.pop3
Sample65.pop3
Sample64.pop3
Sample63.pop3
Sample62.pop3
Sample61.pop3
Sample60.pop3
Sample59.pop3
Sample58.pop3
Sample57.pop3
Sample56.pop3



$K = 4$

Sample80.pop3
Sample79.pop3
Sample78.pop3
Sample77.pop3
Sample76.pop3
Sample75.pop3
Sample74.pop3
Sample73.pop3
Sample72.pop3
Sample71.pop3
Sample70.pop3
Sample69.pop3
Sample68.pop3
Sample67.pop3
Sample66.pop3
Sample65.pop3
Sample64.pop3
Sample63.pop3
Sample62.pop3
Sample61.pop3
Sample60.pop3
Sample59.pop3
Sample58.pop3
Sample57.pop3
Sample56.pop3
Sample55.pop3
Sample54.pop3
Sample53.pop3
Sample52.pop3
Sample51.pop3
Sample50.pop3
Sample49.pop3
Sample48.pop3
Sample47.pop3
Sample46.pop3
Sample45.pop3
Sample44.pop3
Sample43.pop3
Sample42.pop3
Sample41.pop3
Sample40.pop3
Sample39.pop3
Sample38.pop3
Sample37.pop3
Sample36.pop3
Sample35.pop3
Sample34.pop3
Sample33.pop3
Sample32.pop3
Sample31.pop3
Sample30.pop3
Sample29.pop3
Sample28.pop3
Sample27.pop3
Sample26.pop3
Sample25.pop3
Sample24.pop3
Sample23.pop3
Sample22.pop3
Sample21.pop3
Sample20.pop3
Sample19.pop3
Sample18.pop3
Sample17.pop3
Sample16.pop3
Sample15.pop3
Sample14.pop3
Sample13.pop3
Sample12.pop3
Sample11.pop3
Sample10.pop3
Sample9.pop3
Sample8.pop3
Sample7.pop3
Sample6.pop3
Sample5.pop3
Sample4.pop3
Sample3.pop3
Sample2.pop3
Sample1.pop3
Sample99.pop4
Sample98.pop4
Sample97.pop4
Sample96.pop4
Sample95.pop4
Sample94.pop4
Sample93.pop4
Sample92.pop4
Sample91.pop4
Sample90.pop4
Sample89.pop4
Sample88.pop4
Sample87.pop4
Sample86.pop4
Sample85.pop4
Sample84.pop4
Sample83.pop4
Sample82.pop4
Sample1.pop4



cluster1

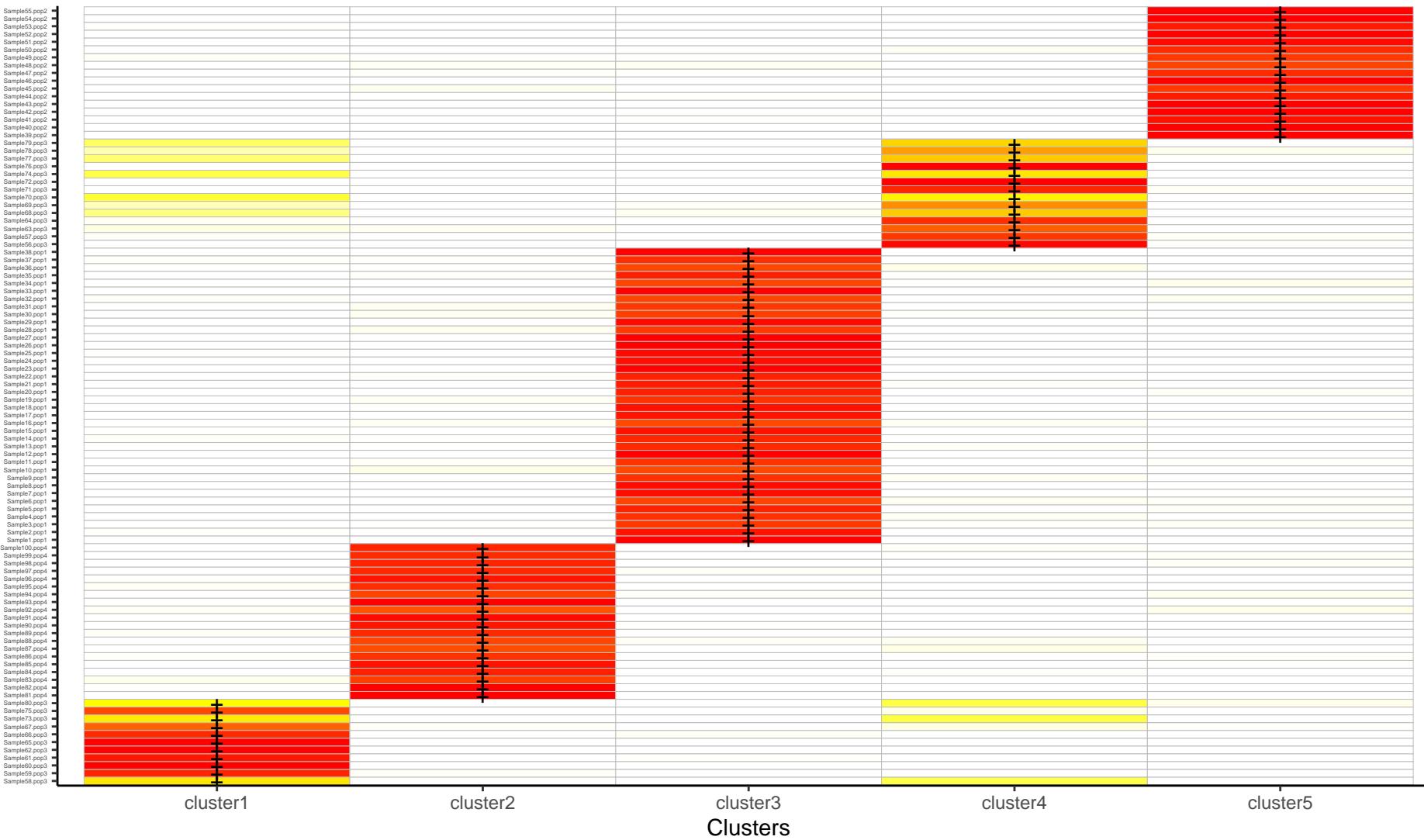
cluster2

cluster3

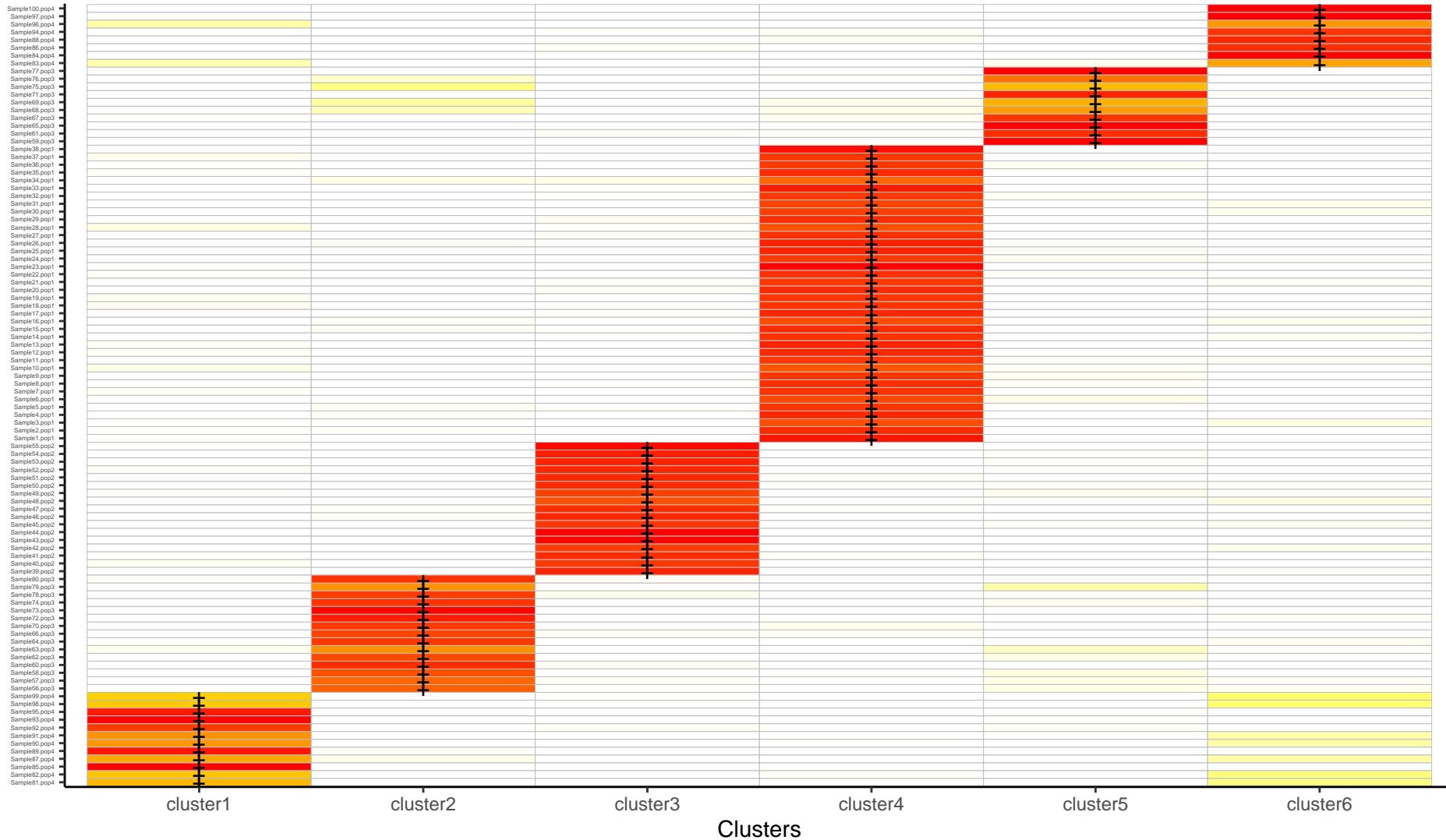
cluster4

Clusters

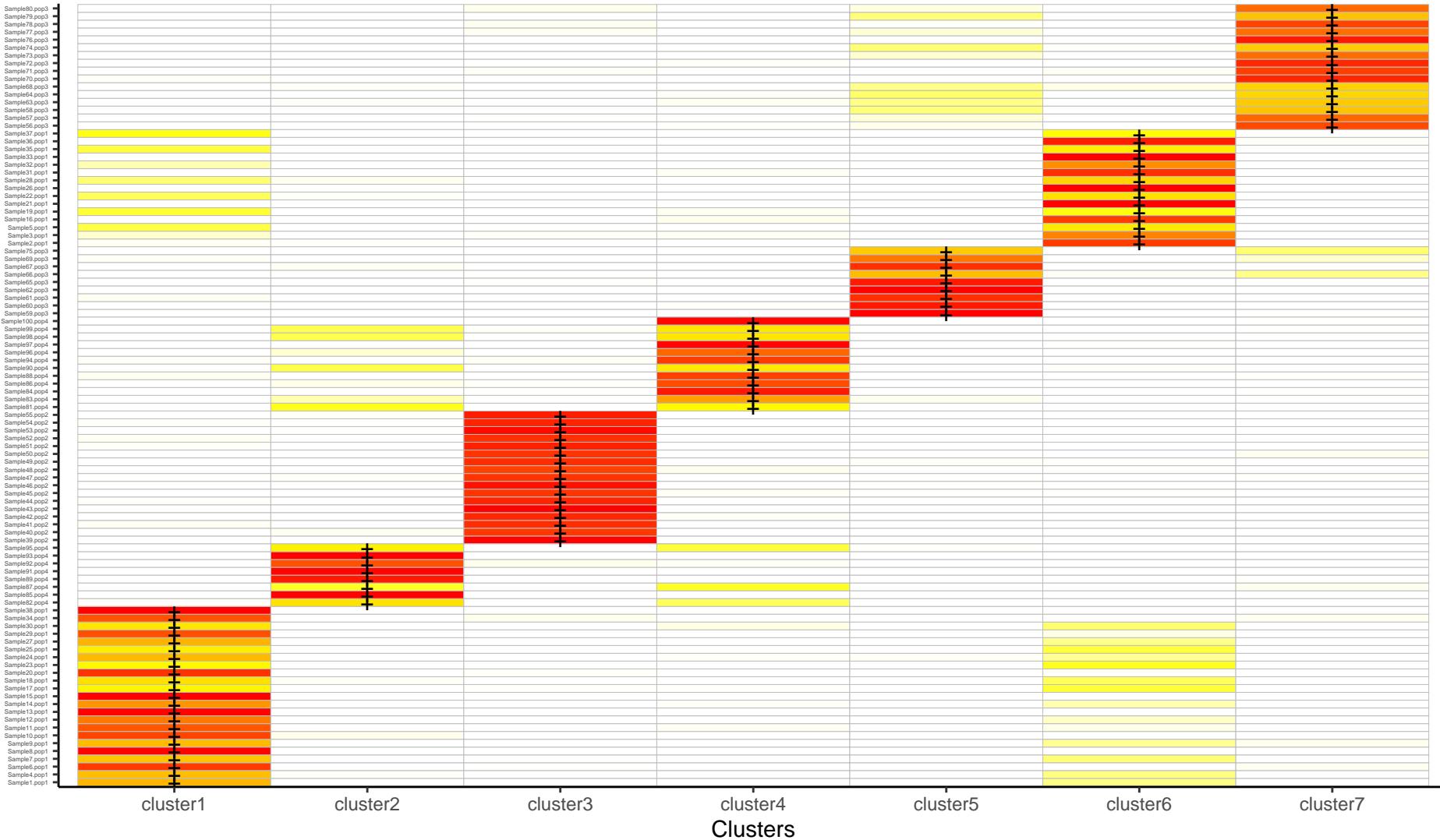
K = 5



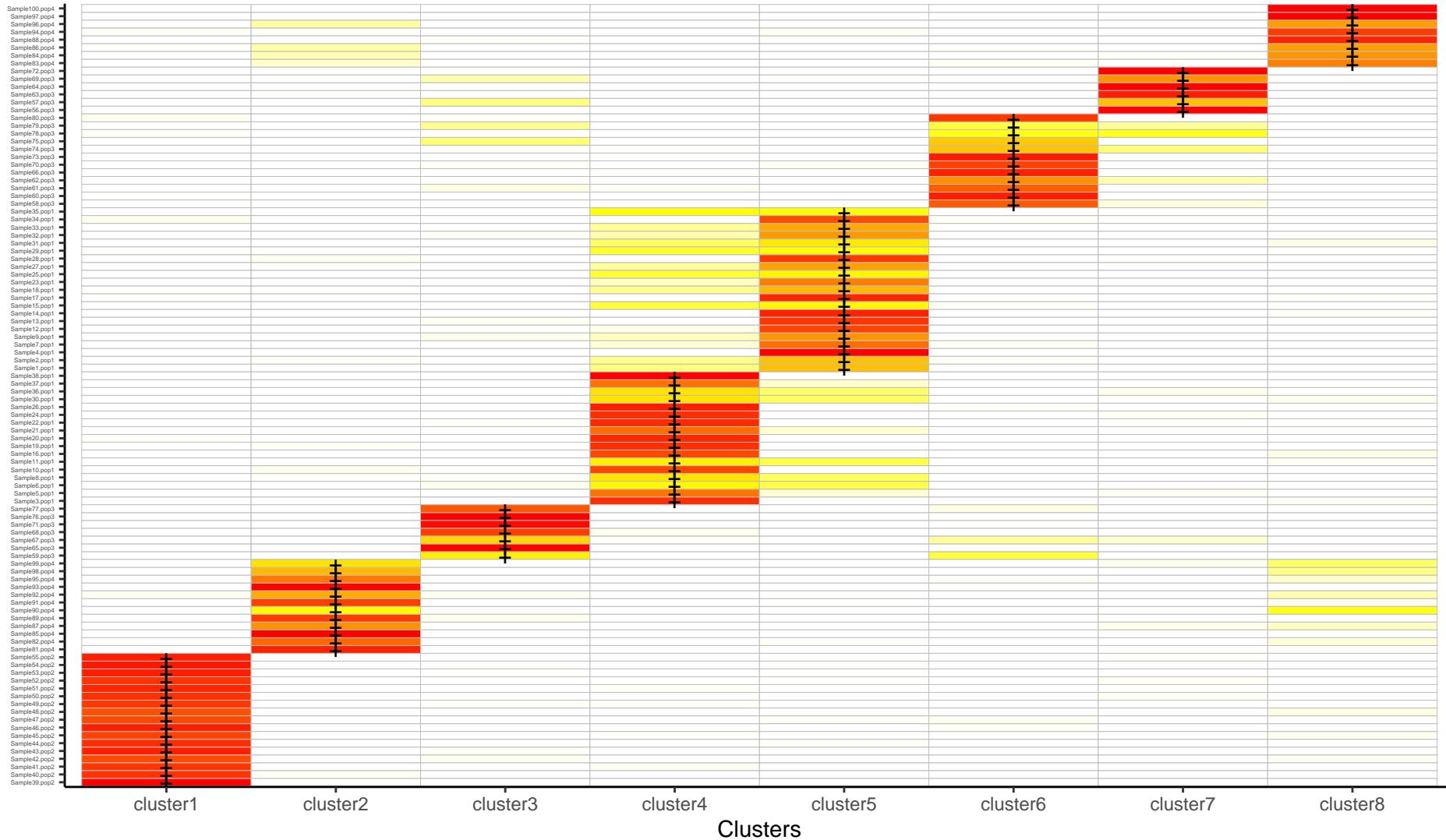
$K = 6$



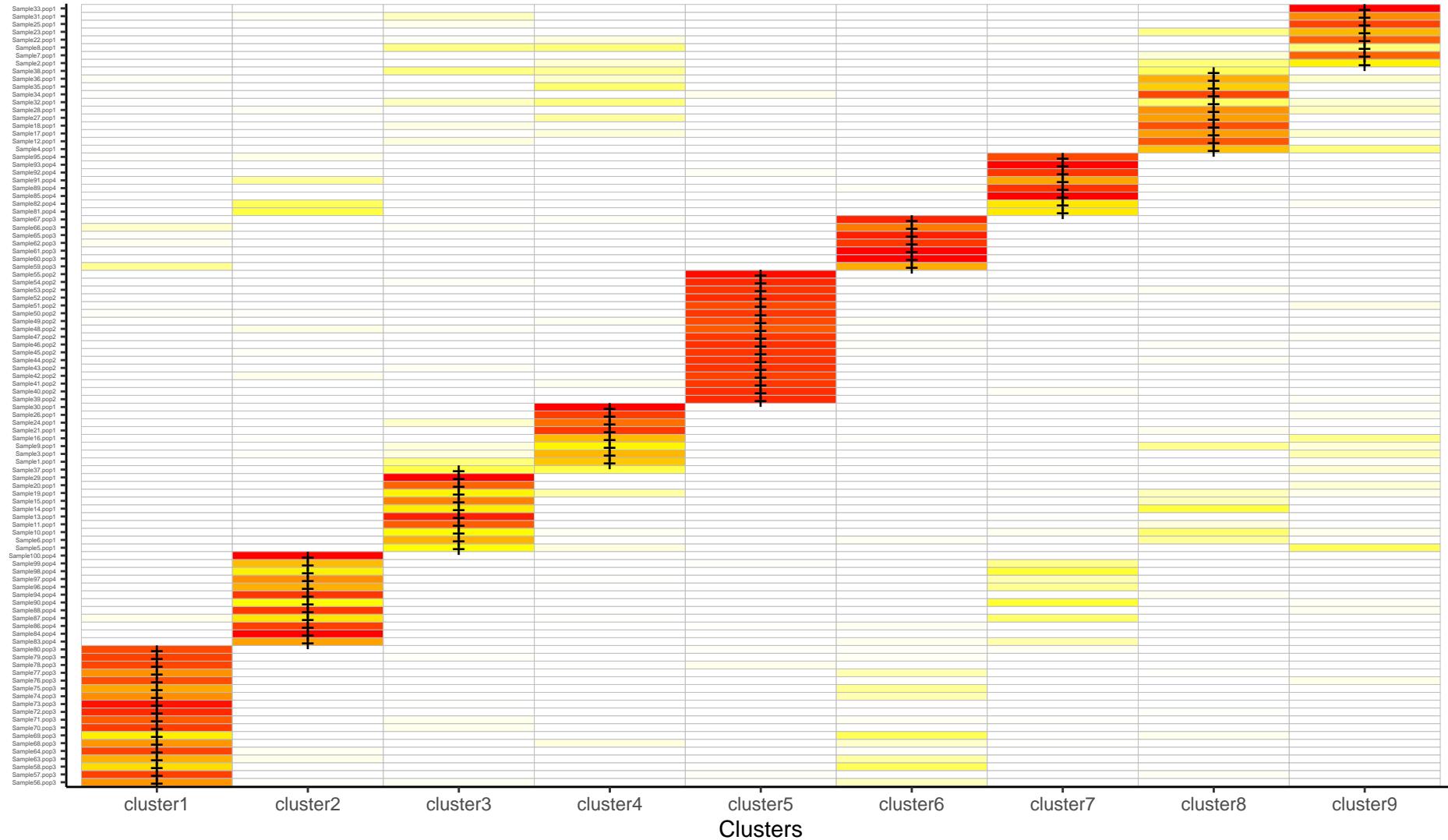
$K = 7$



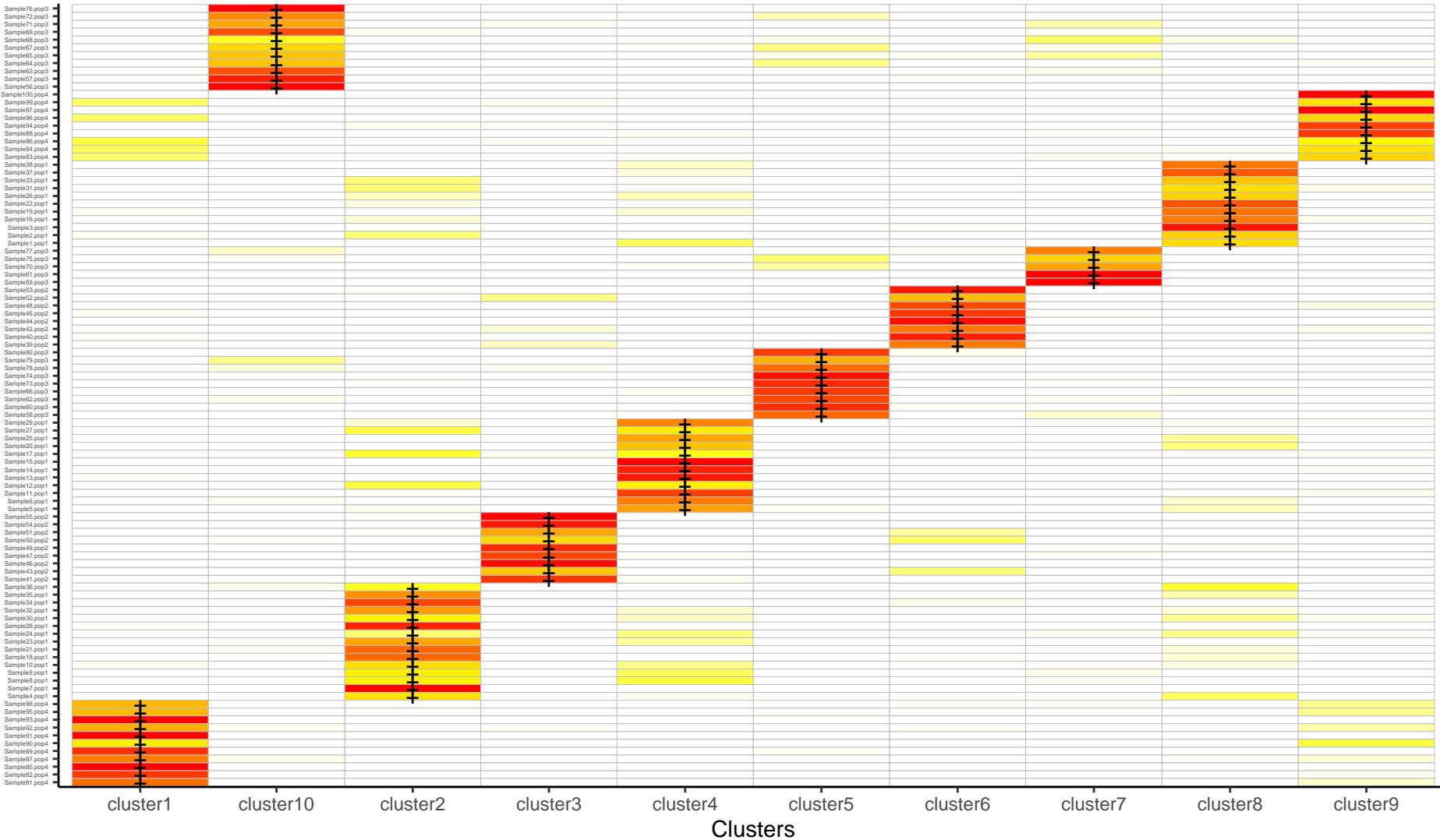
$K = 8$



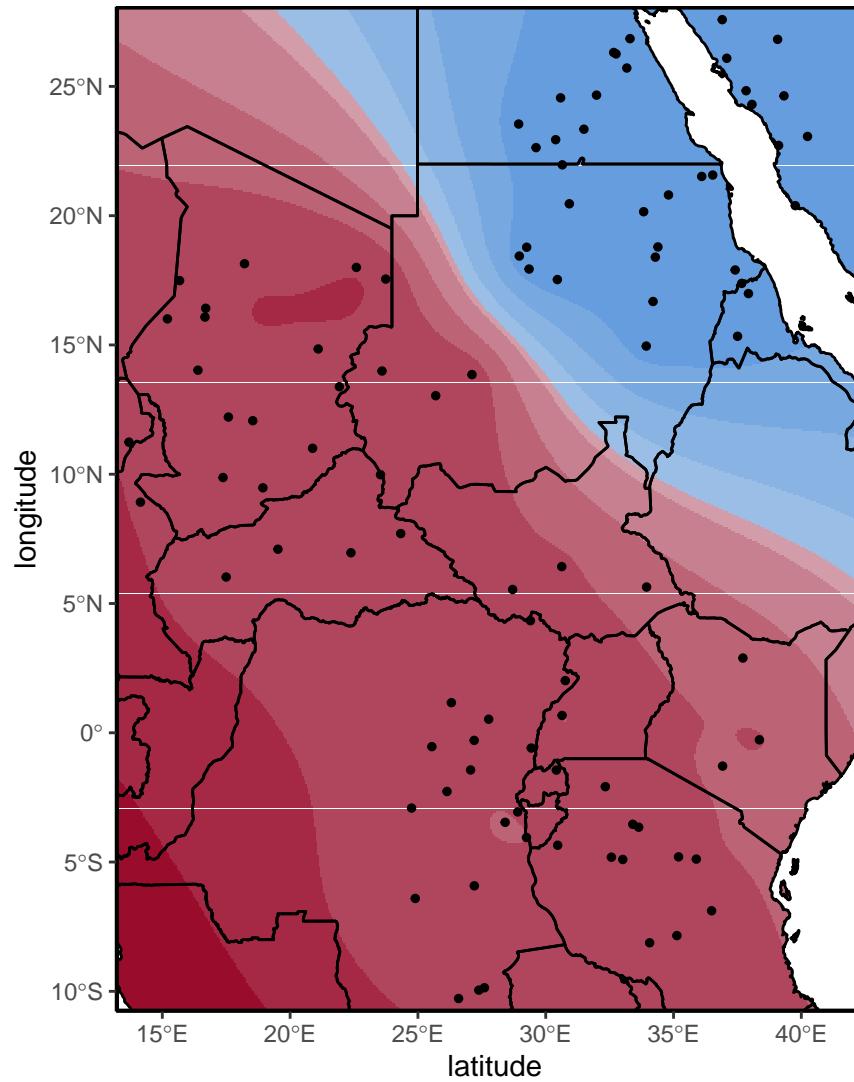
$K = 9$



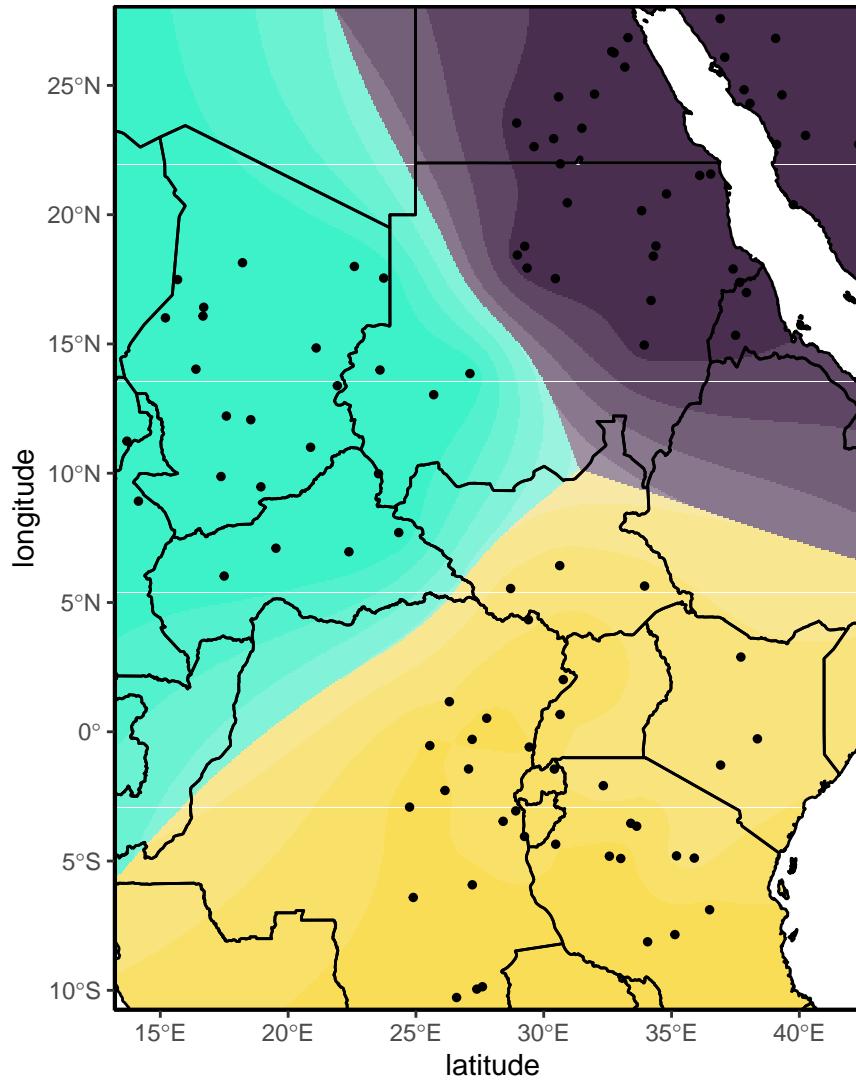
K = 10



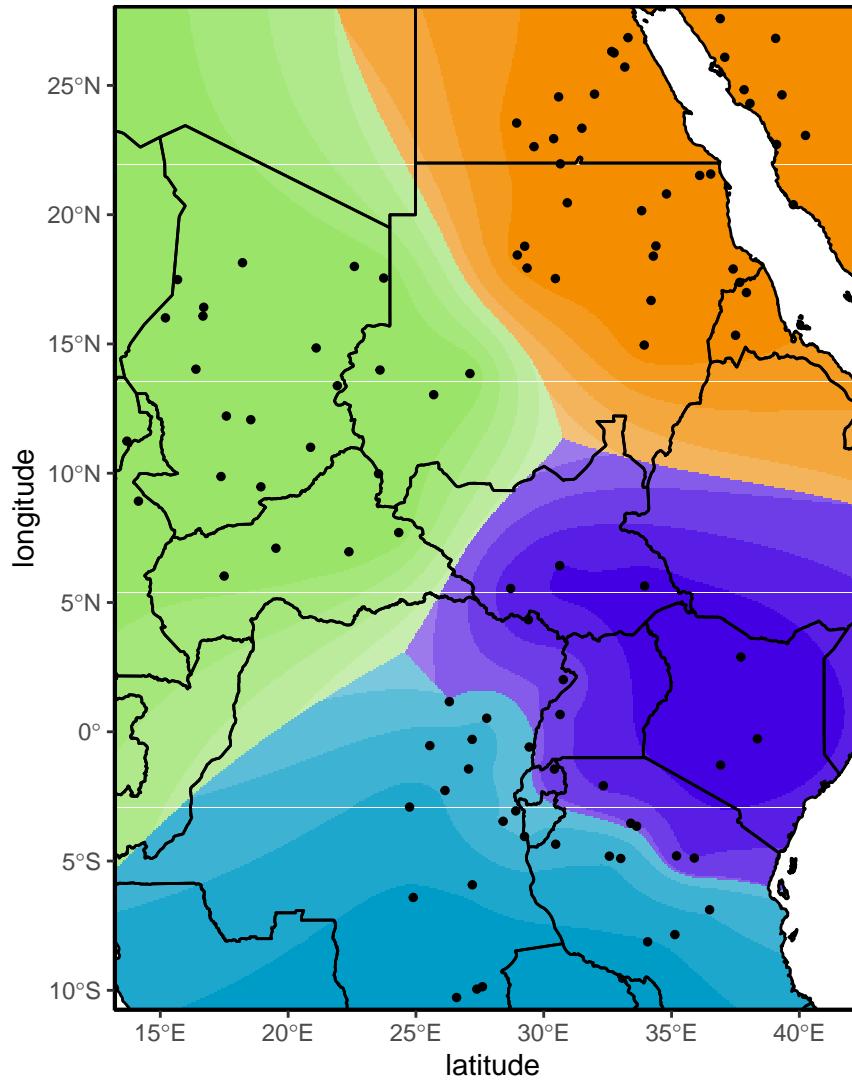
Ancestry coefficients; K=2



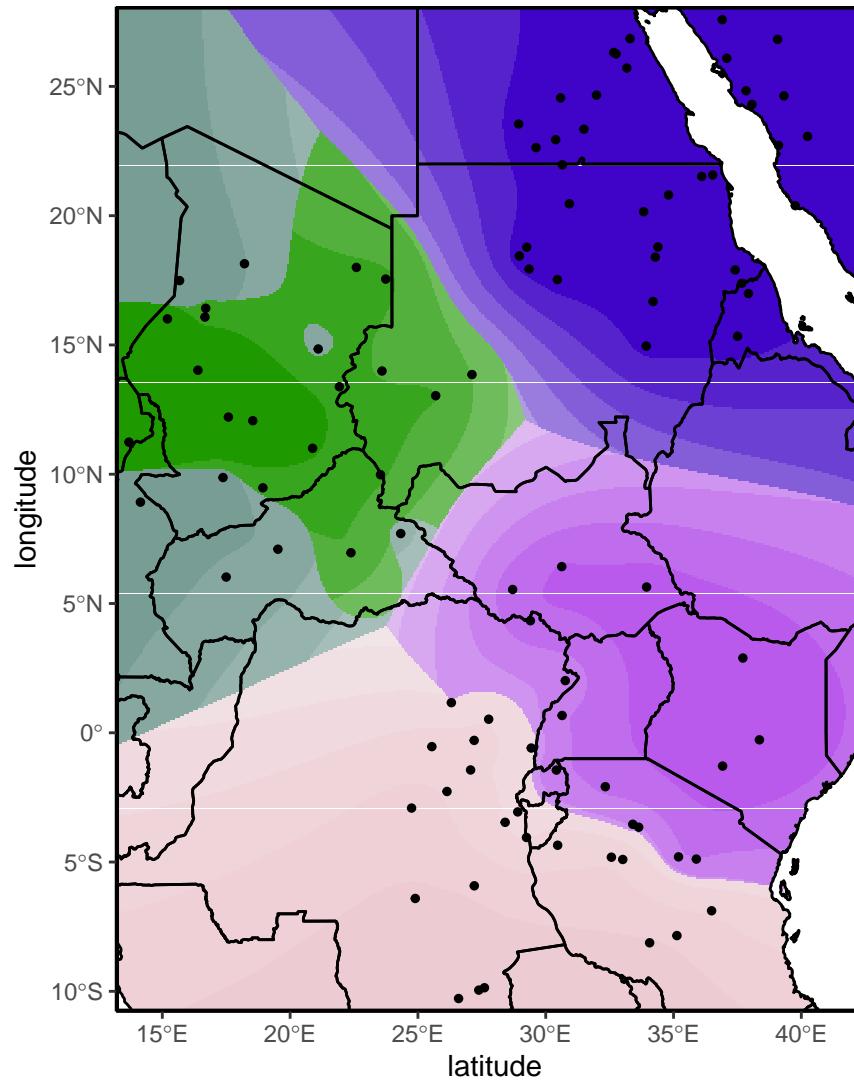
Ancestry coefficients; K=3



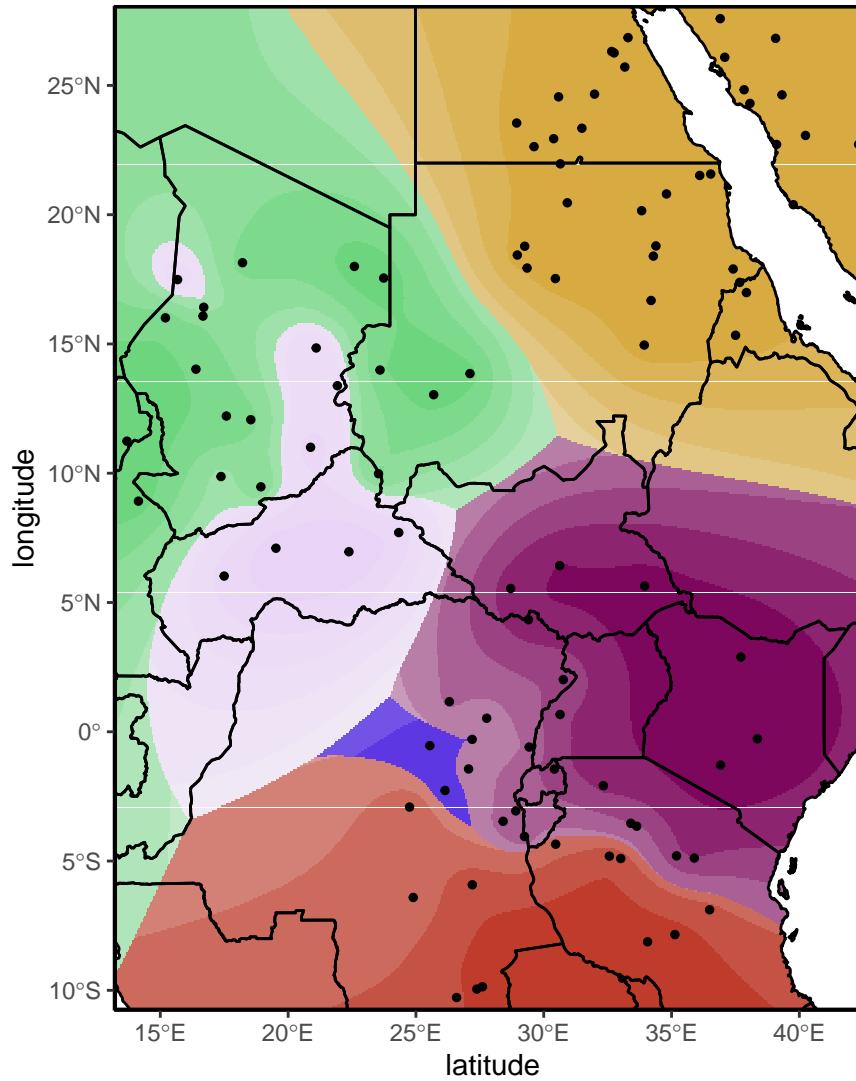
Ancestry coefficients; K=4



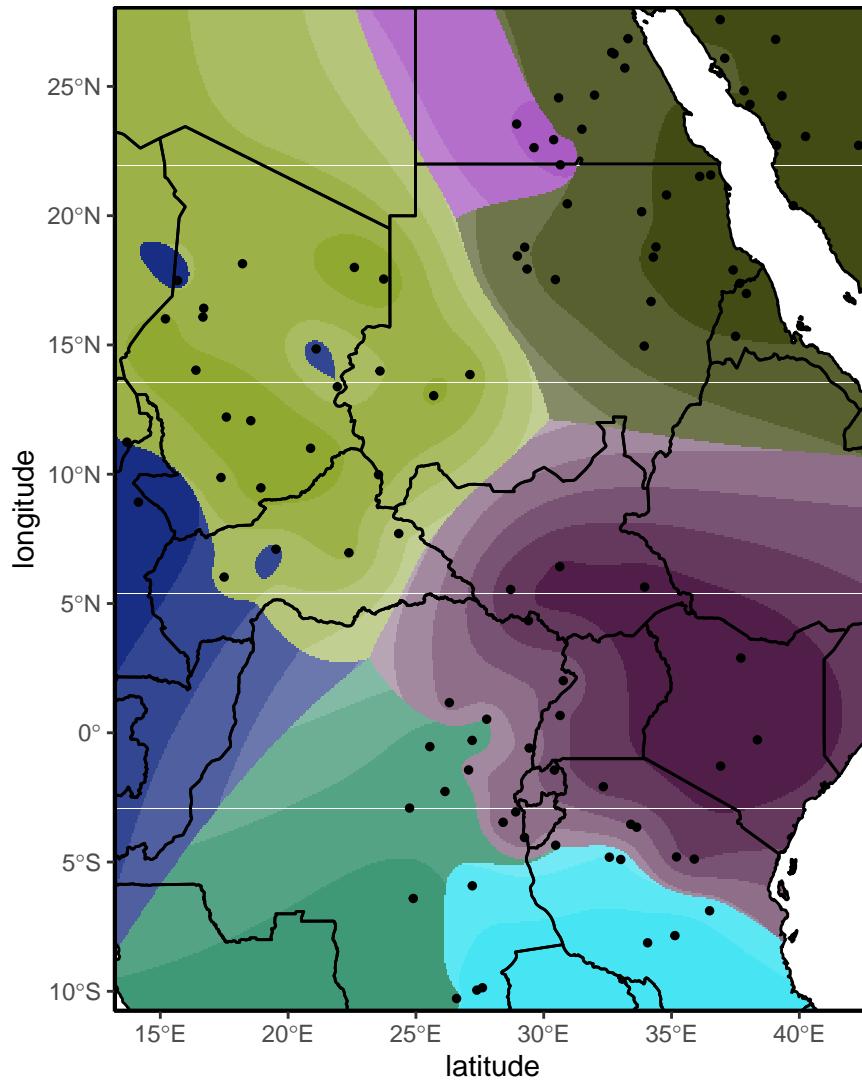
Ancestry coefficients; K=5



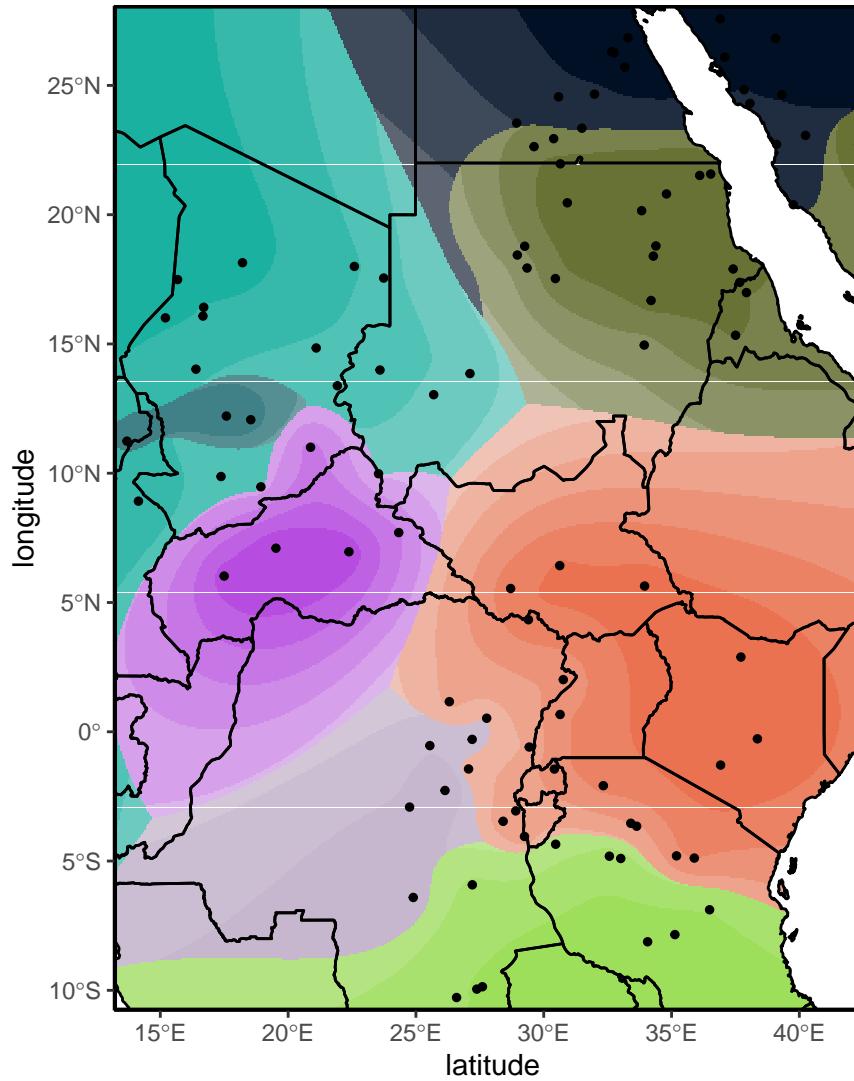
Ancestry coefficients; K=6



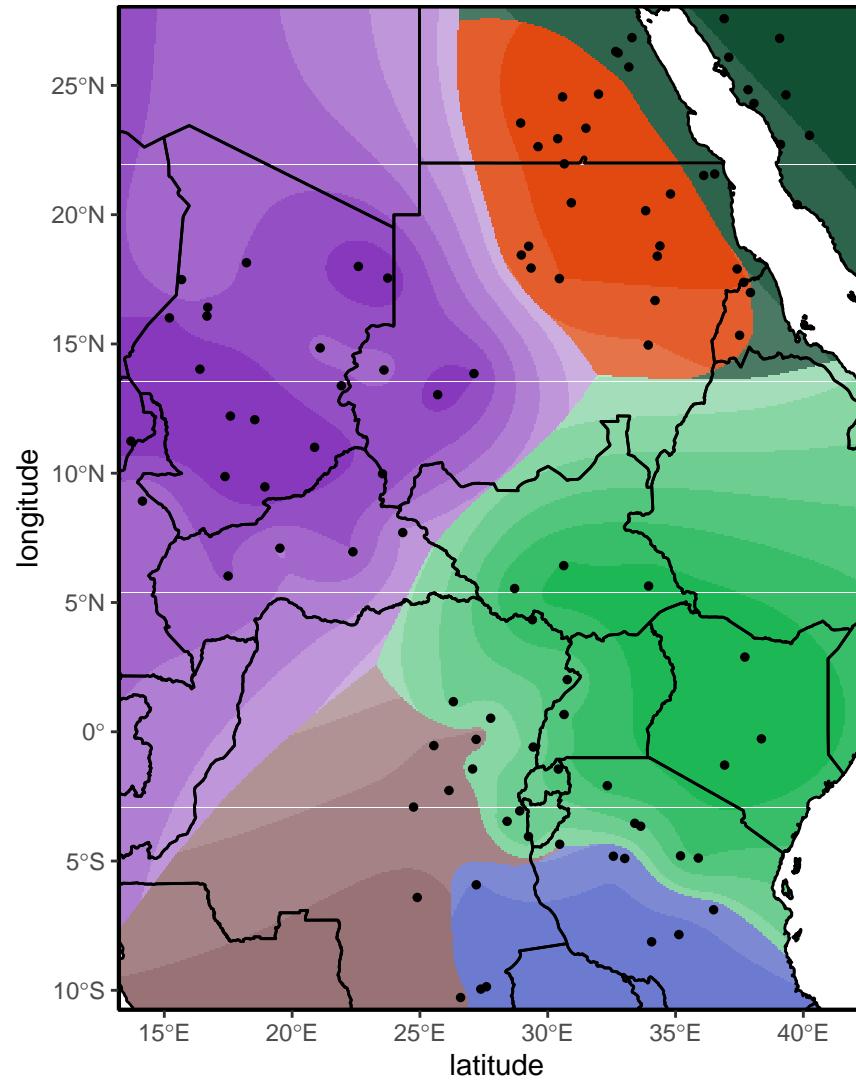
Ancestry coefficients; K=7



Ancestry coefficients; K=8



Ancestry coefficients; K=9



Ancestry coefficients; K=10

