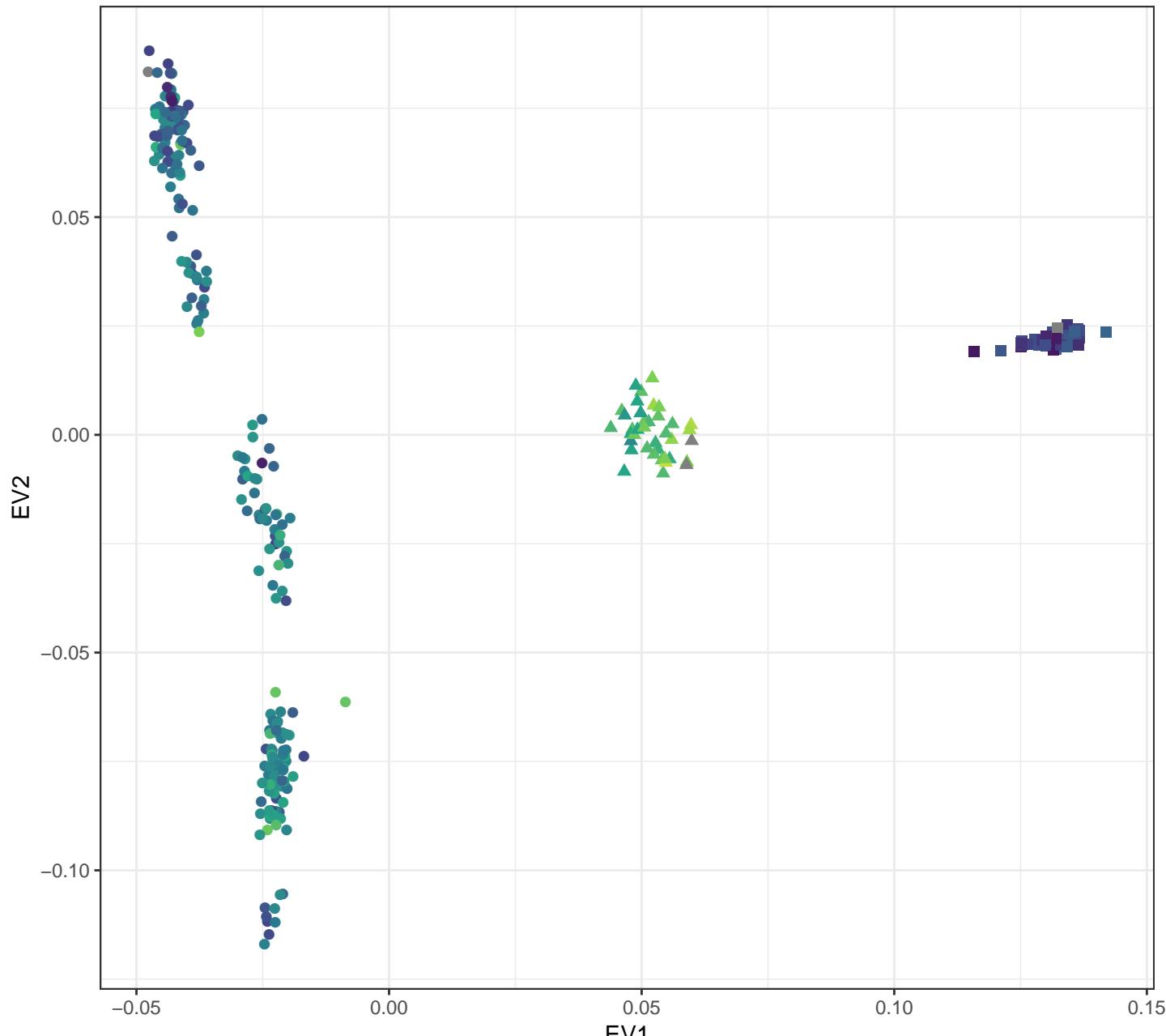
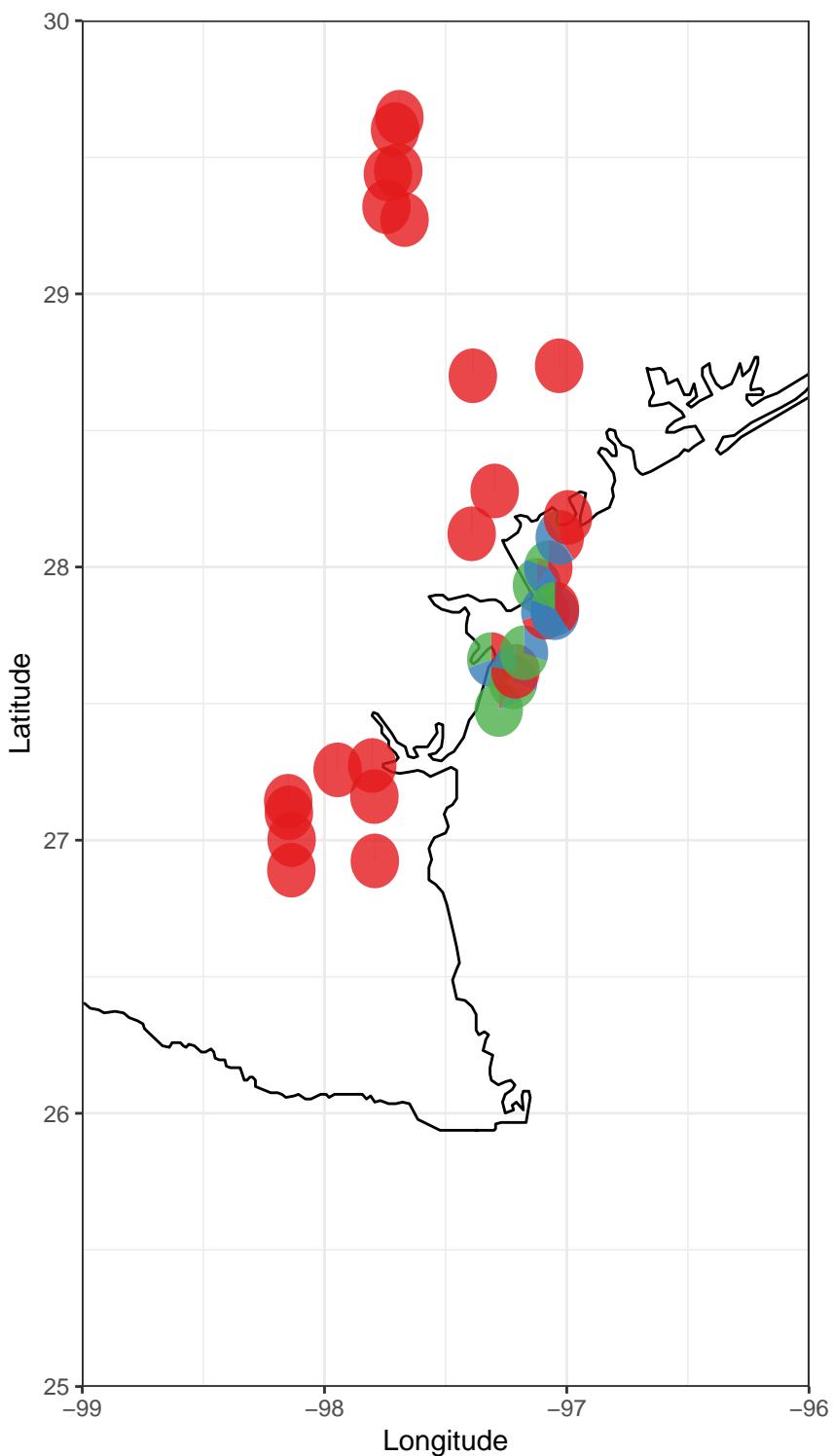


BetweenSS = 0.976800794884087

Kmeans
cluster

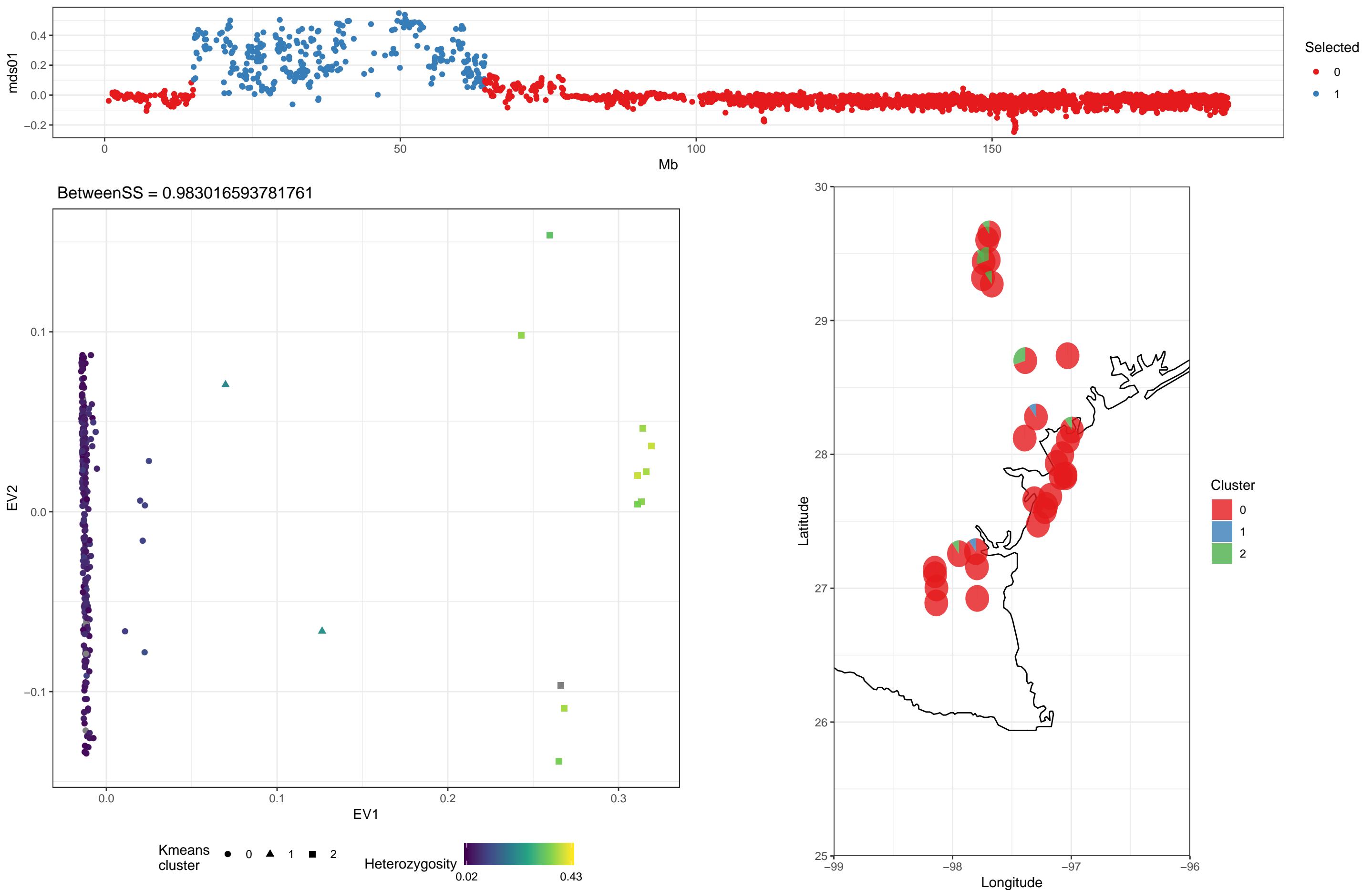
● 0 ▲ 1 ■ 2

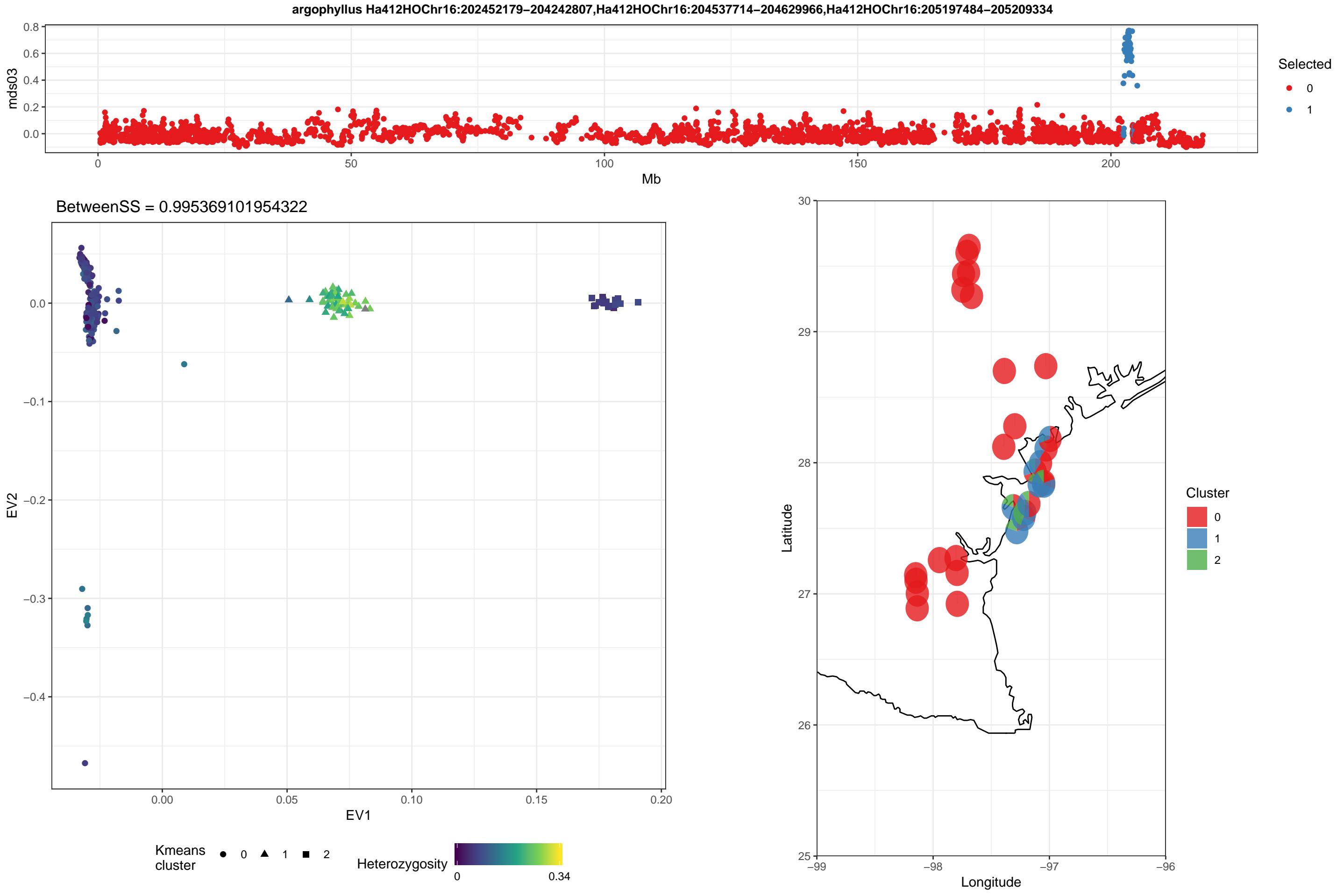
Heterozygosity

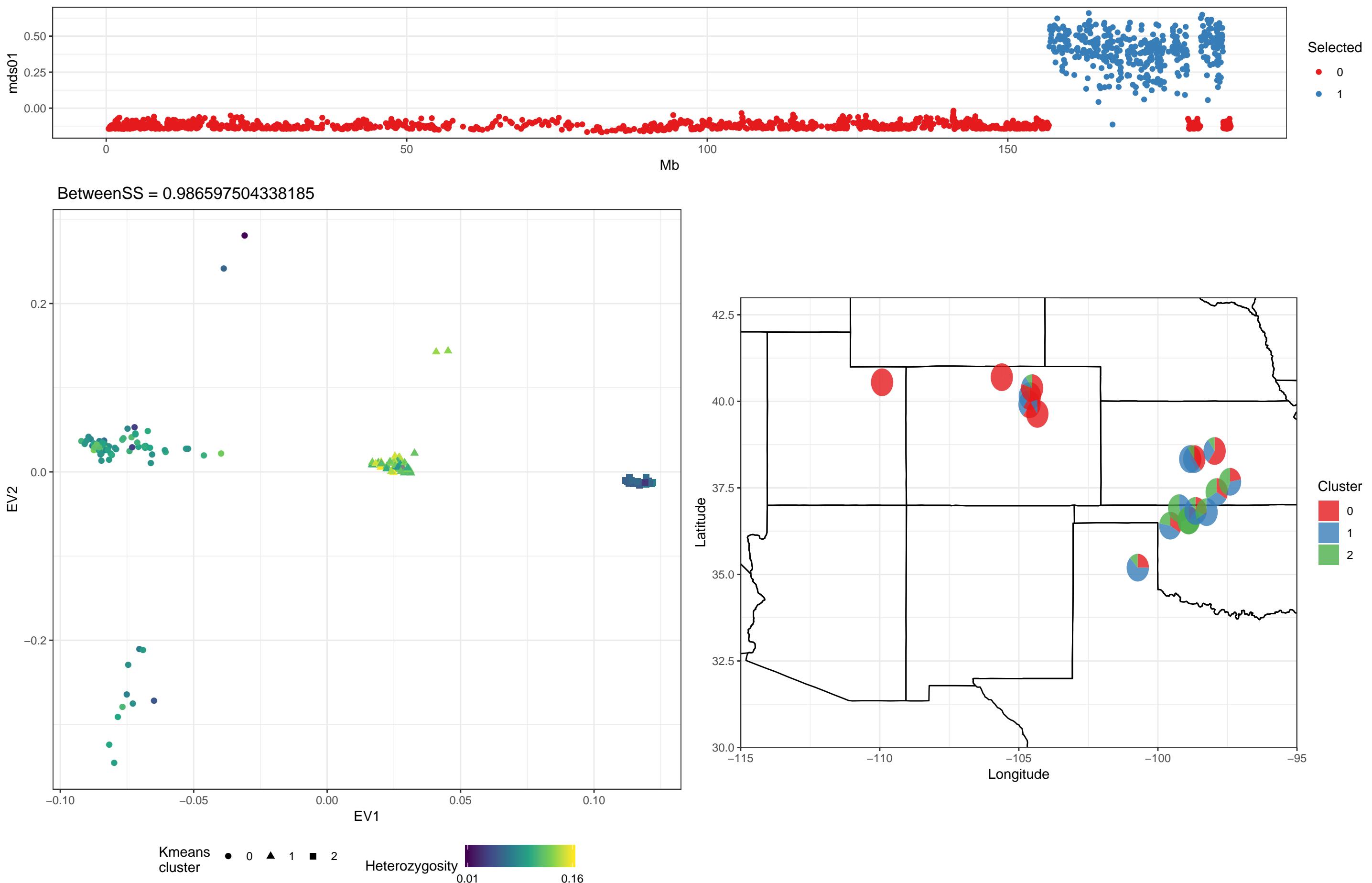


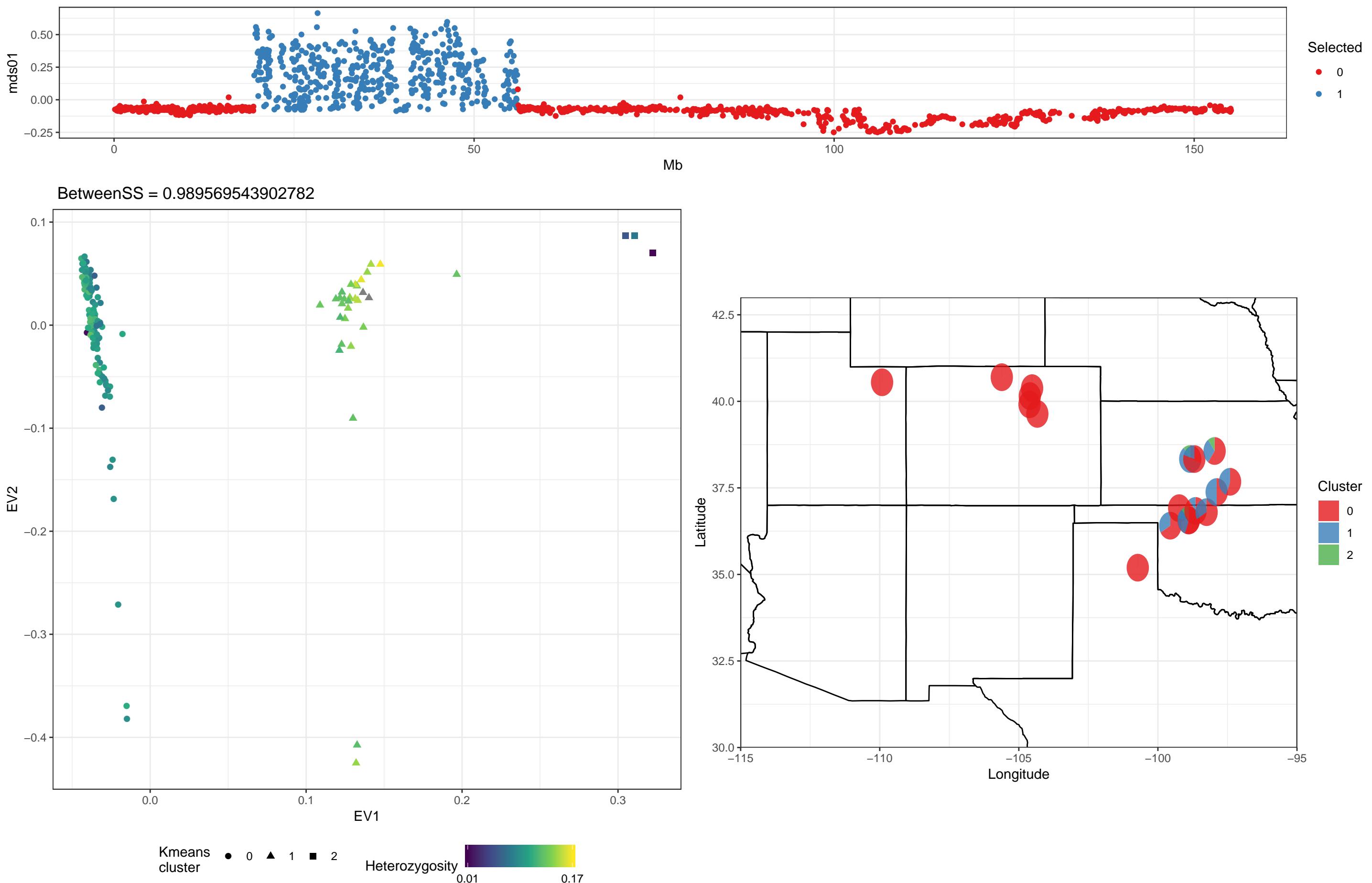
Cluster

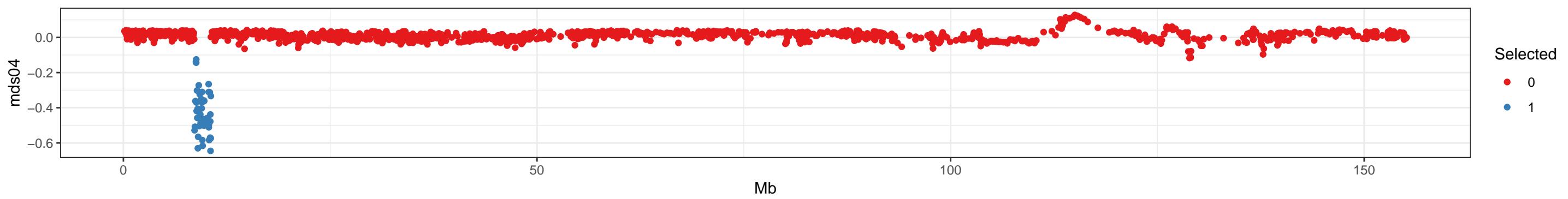
● 0
■ 1
□ 2



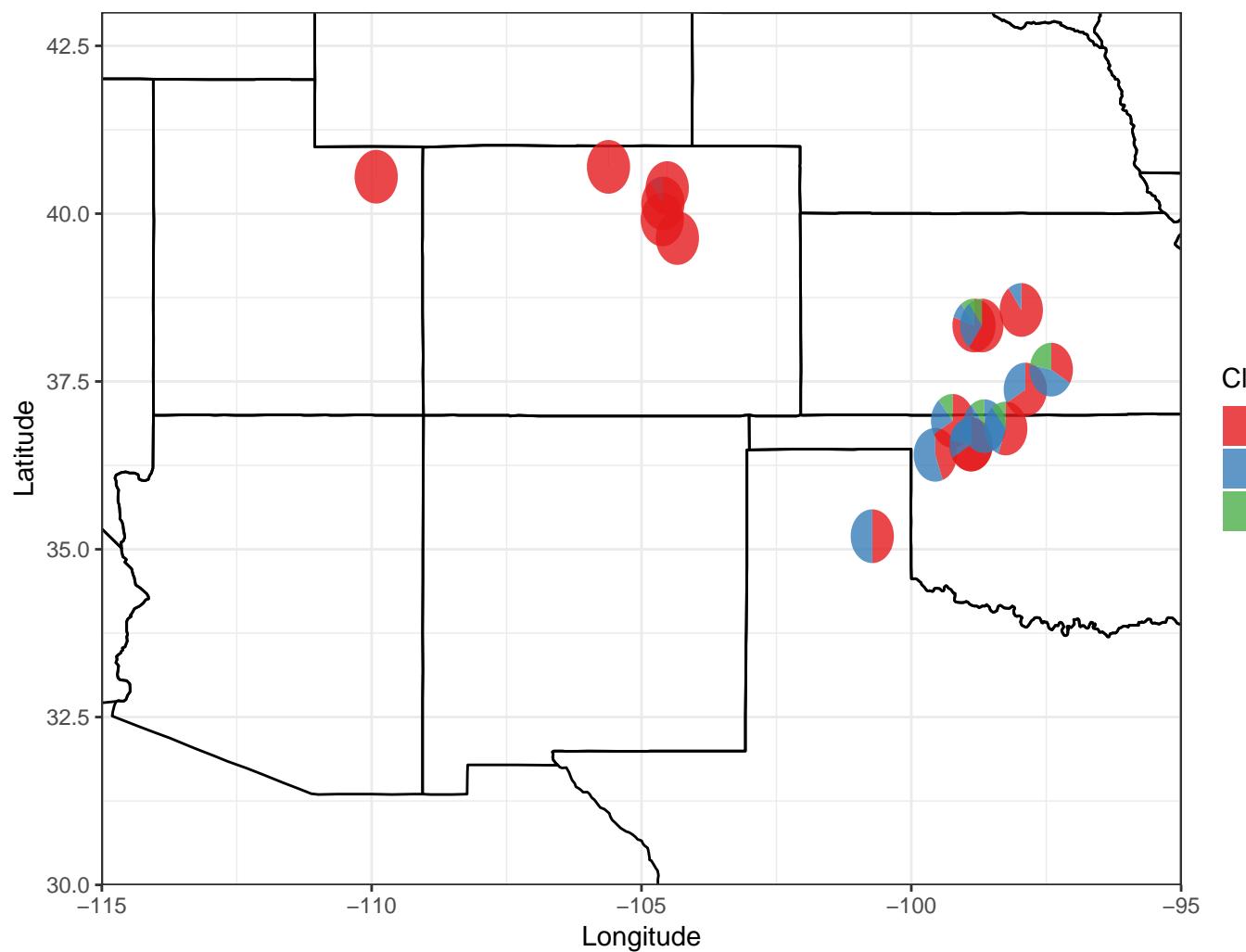
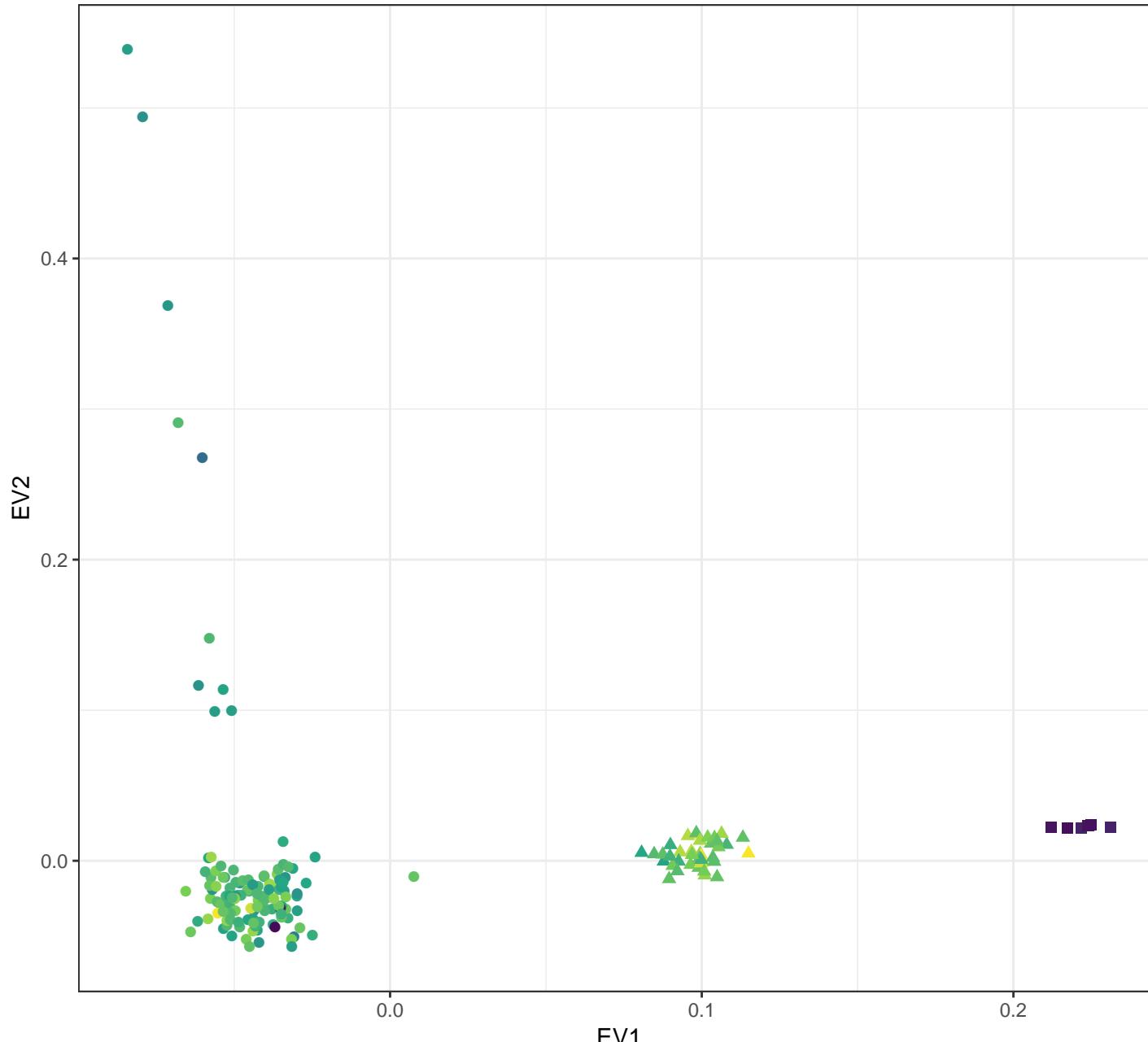


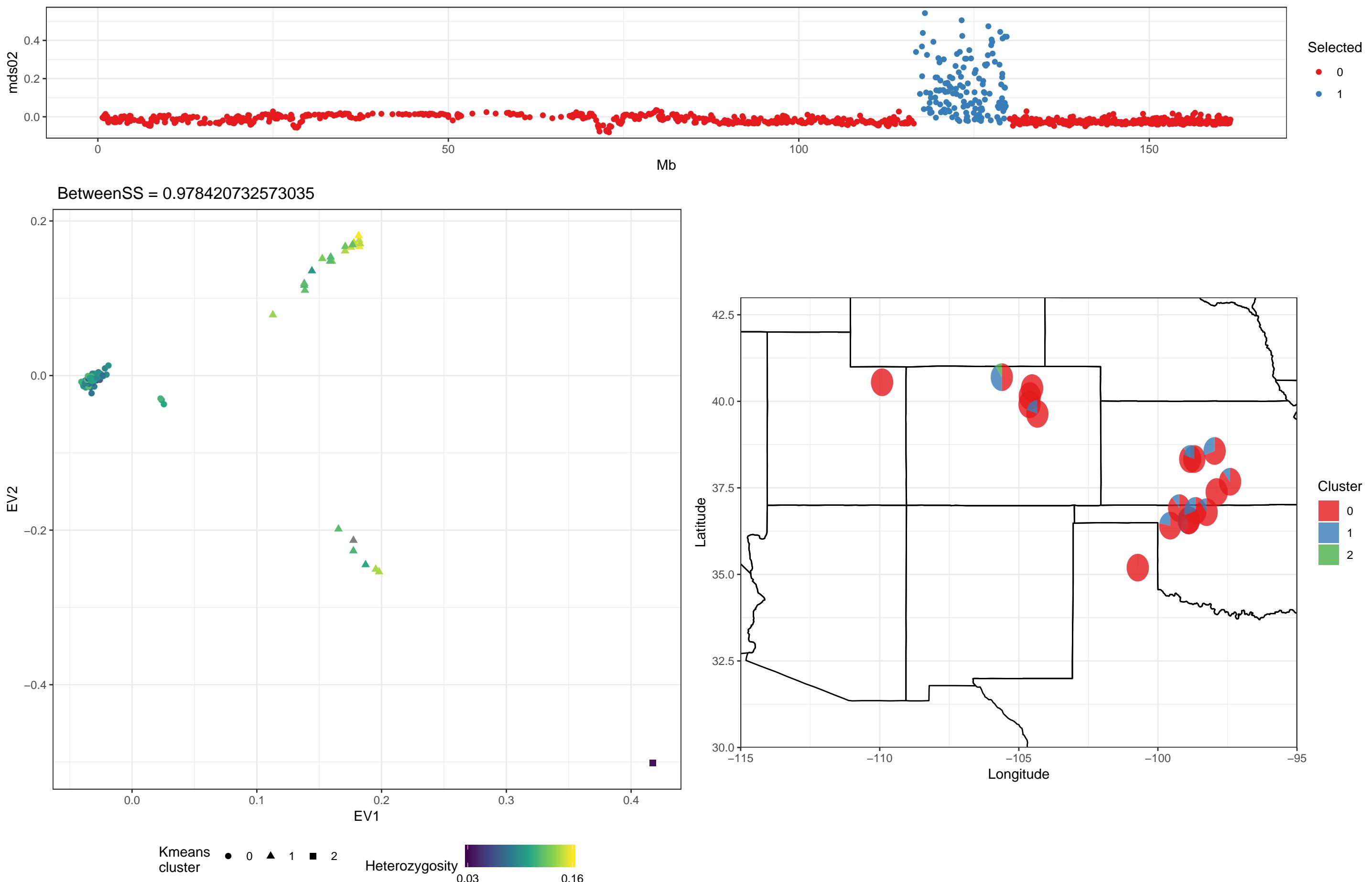


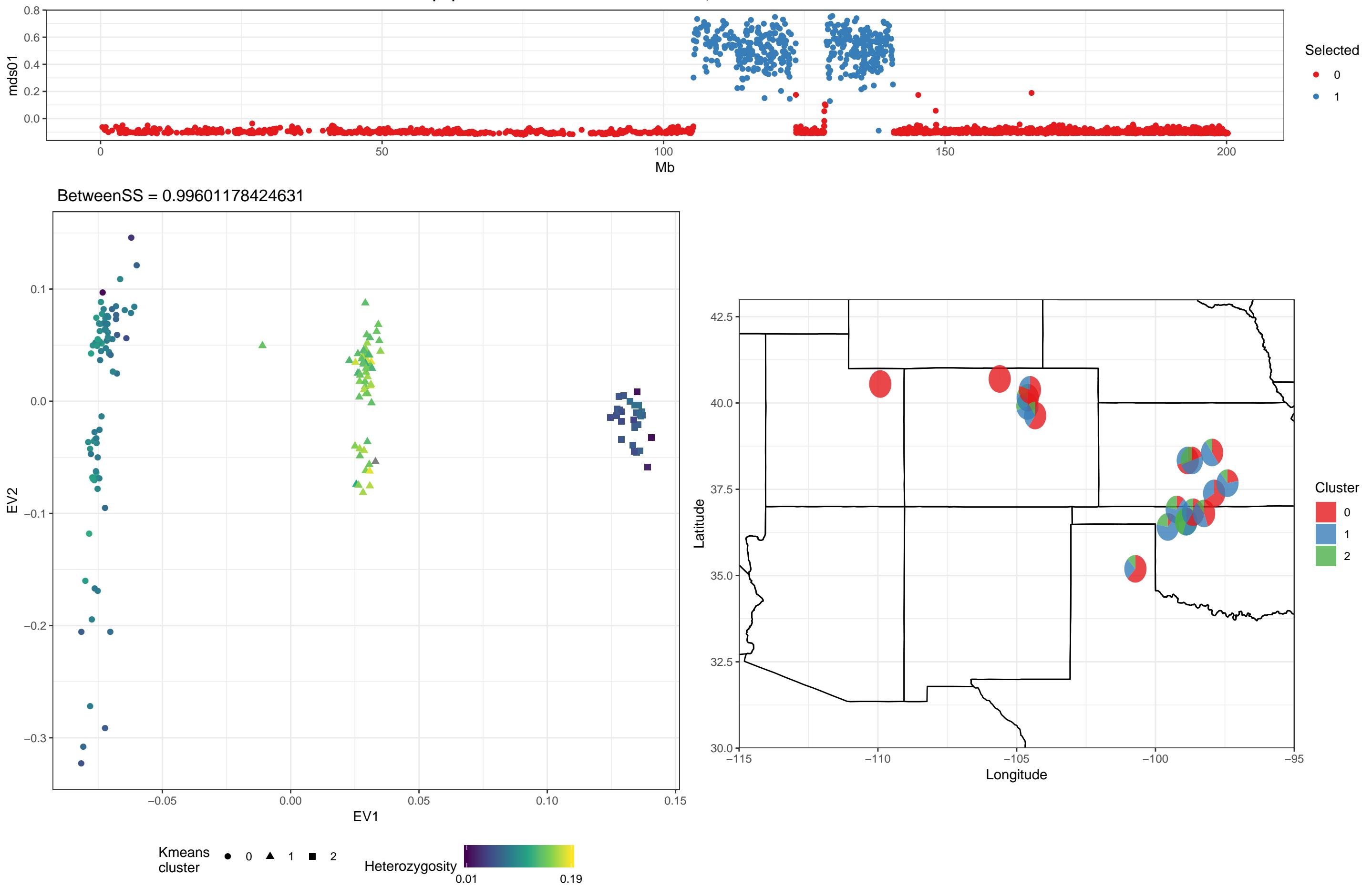


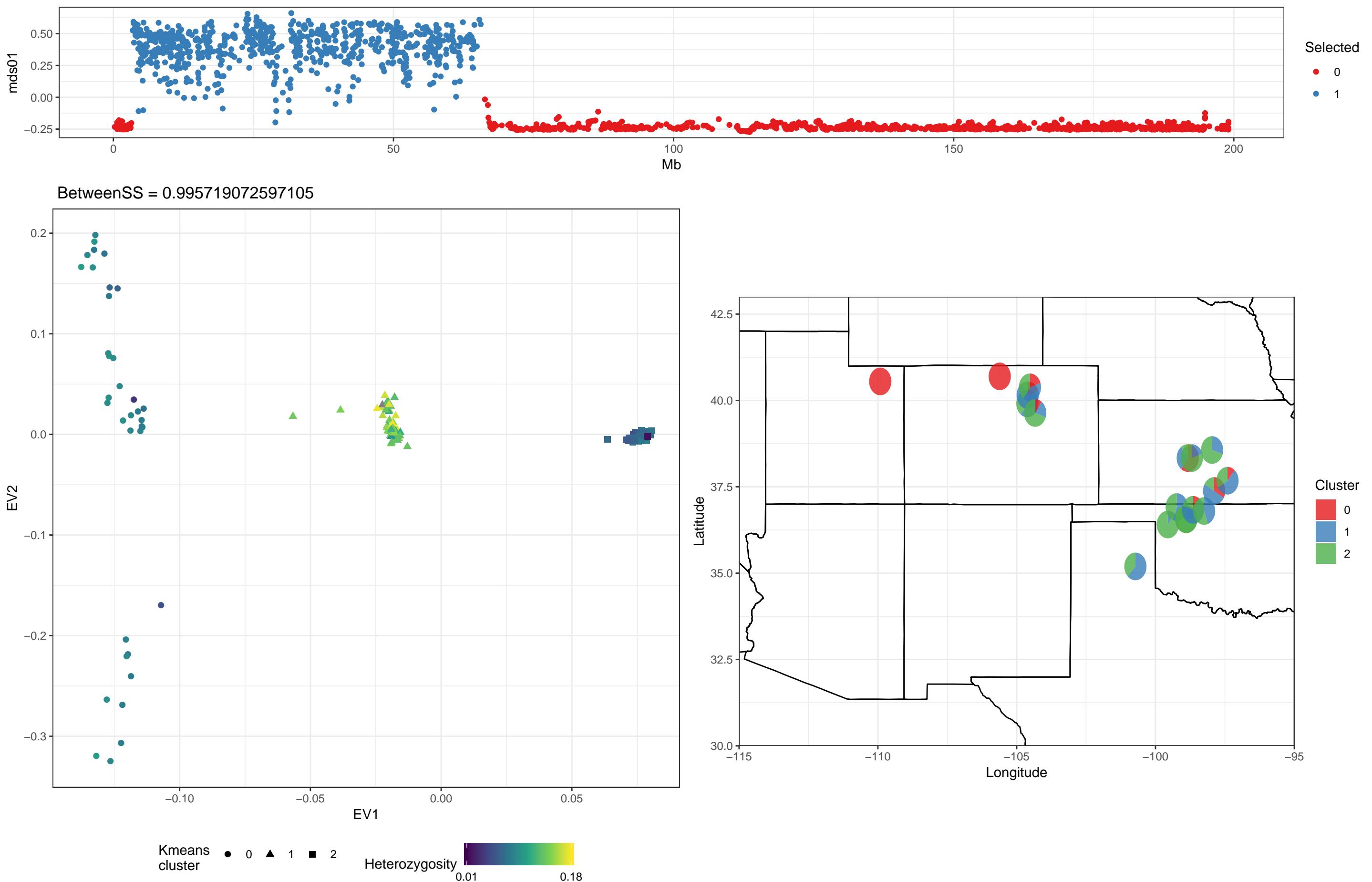


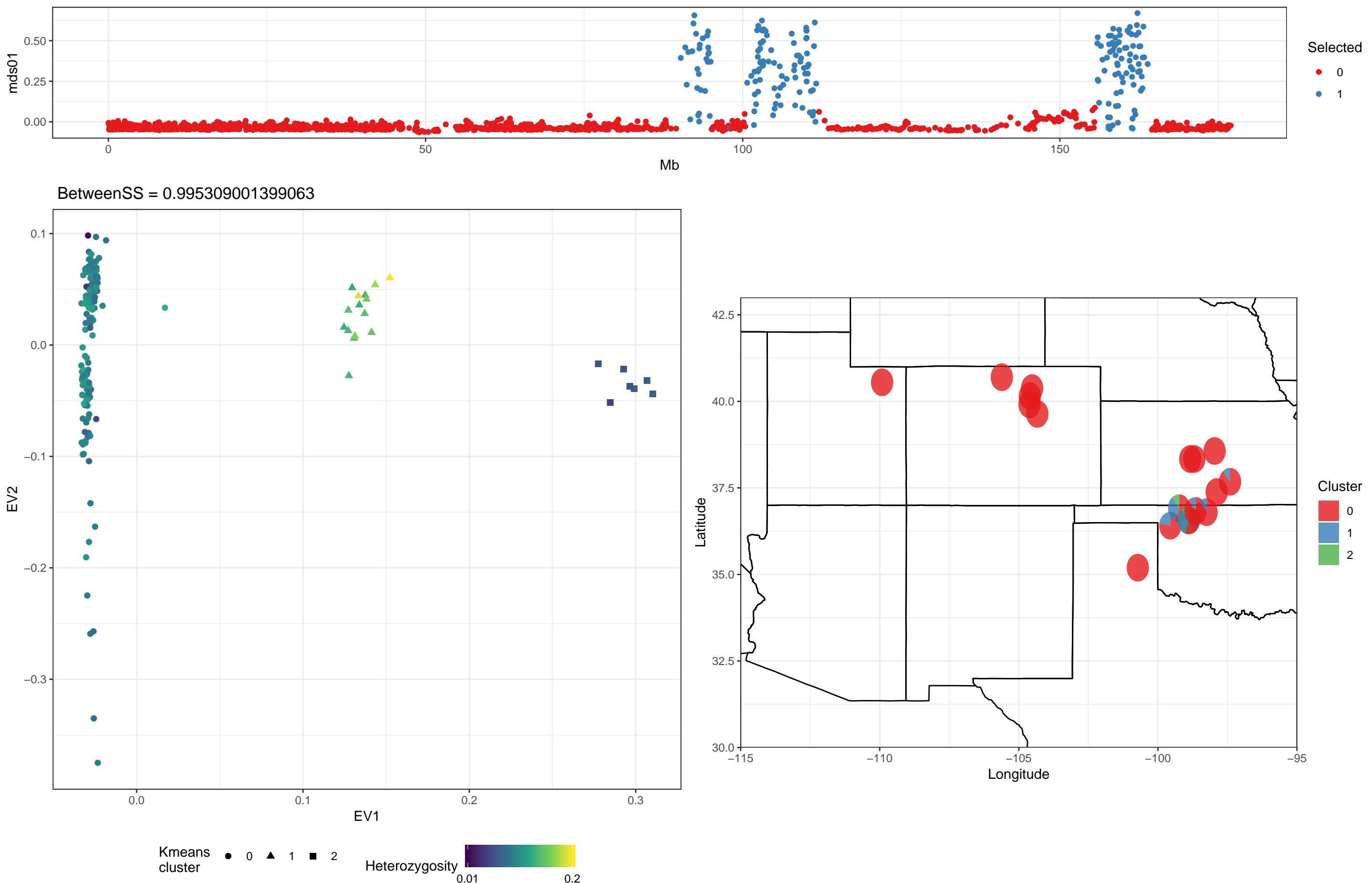
BetweenSS = 0.98032532451248

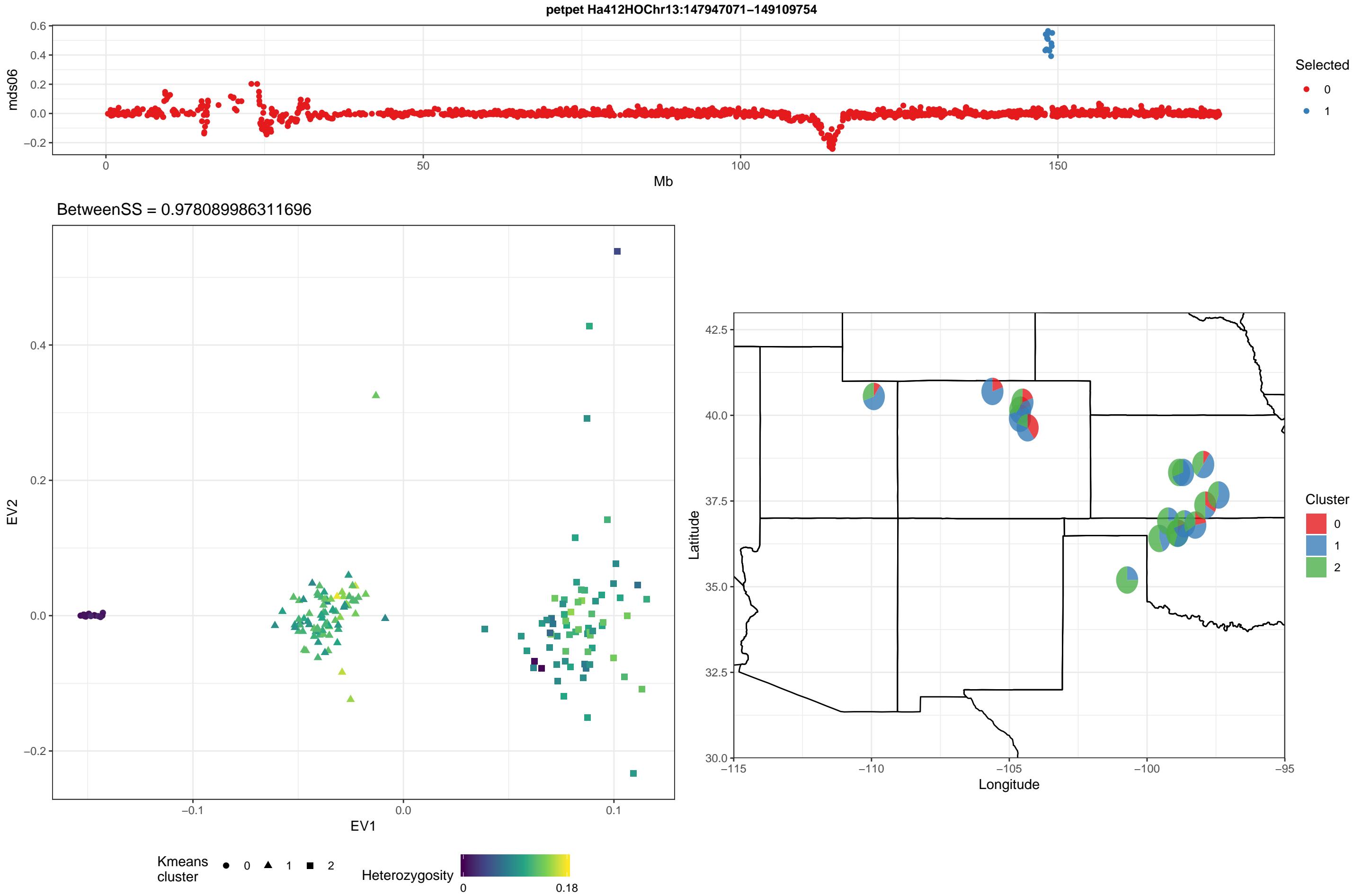




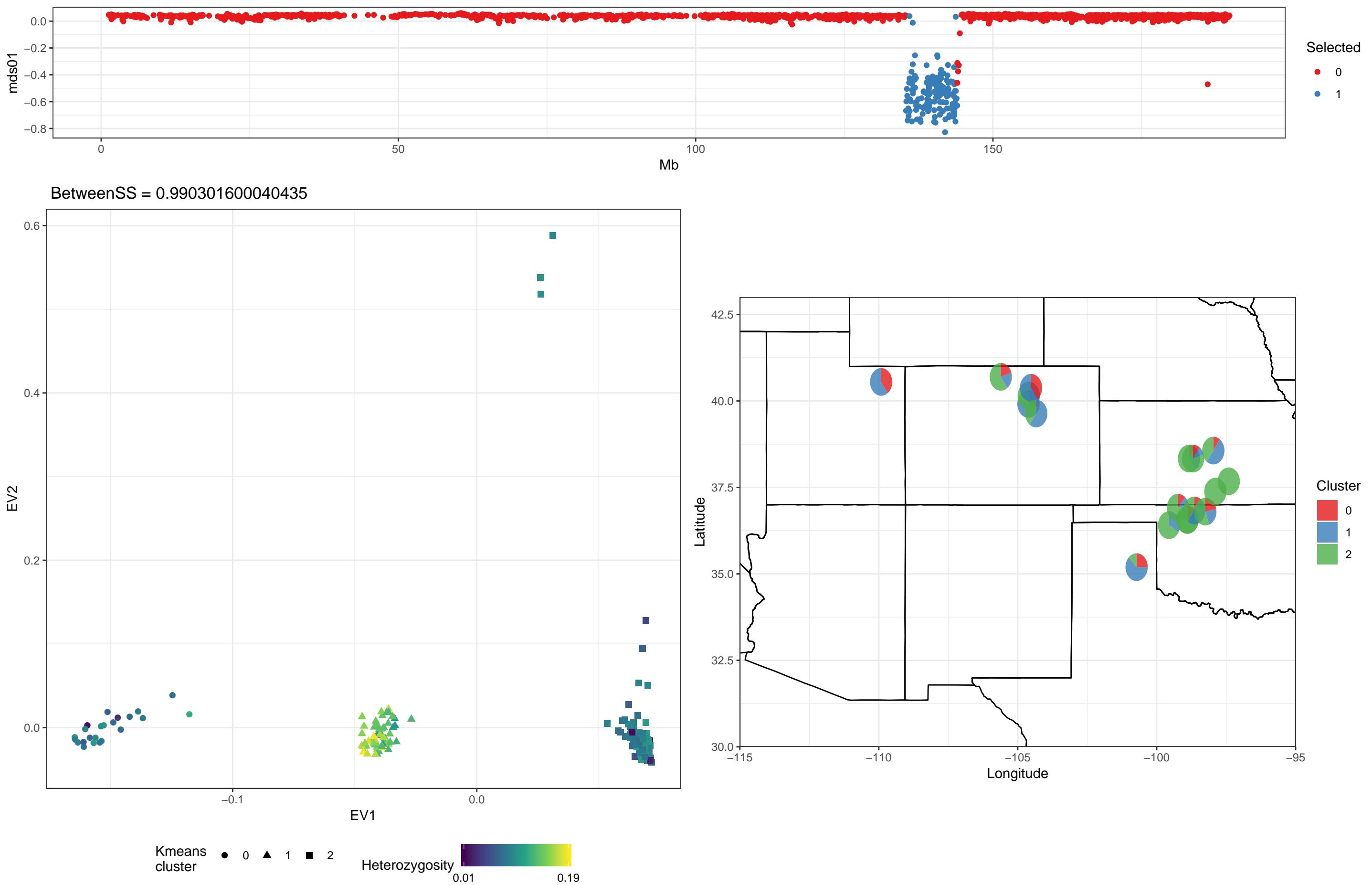


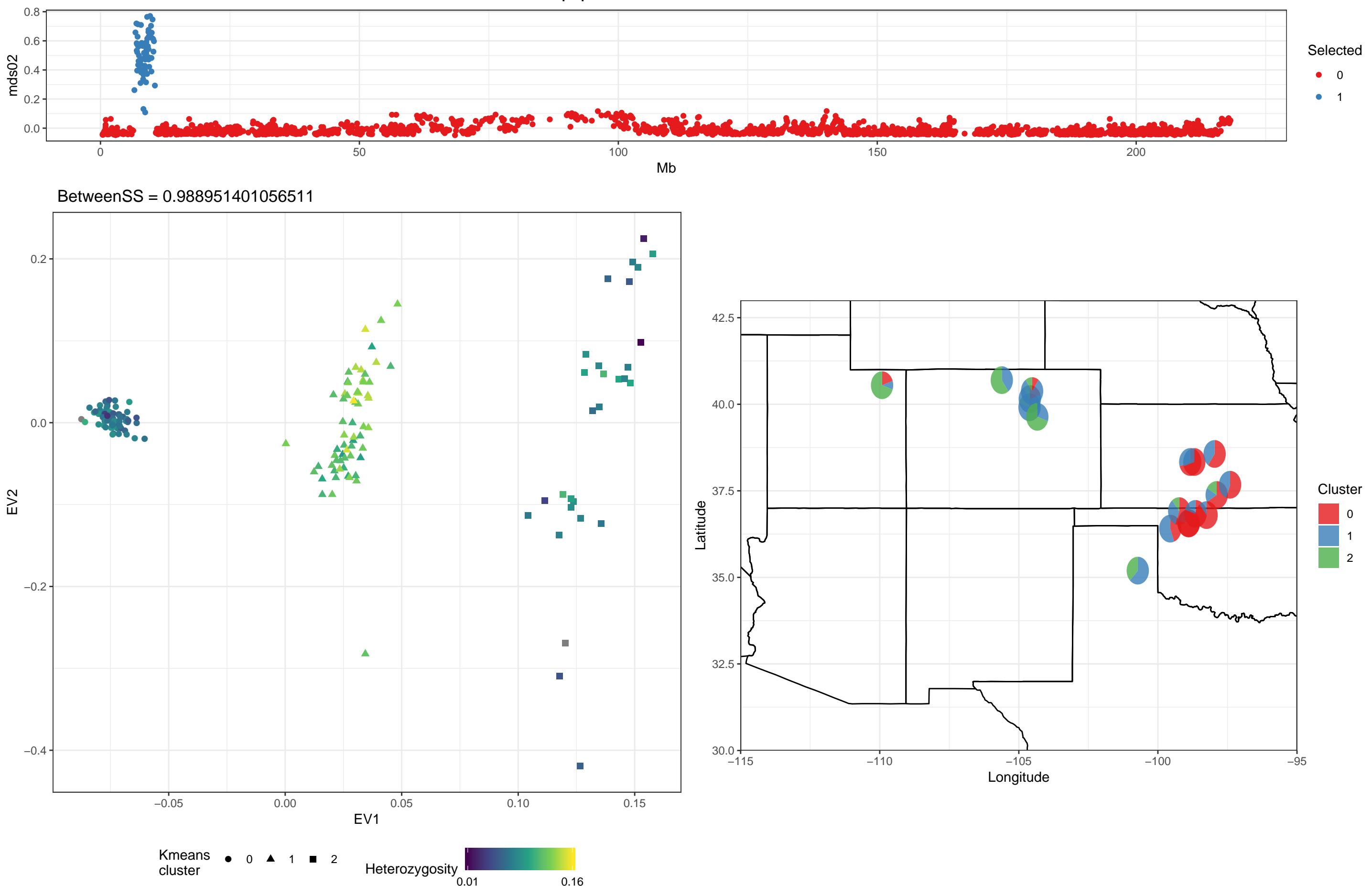


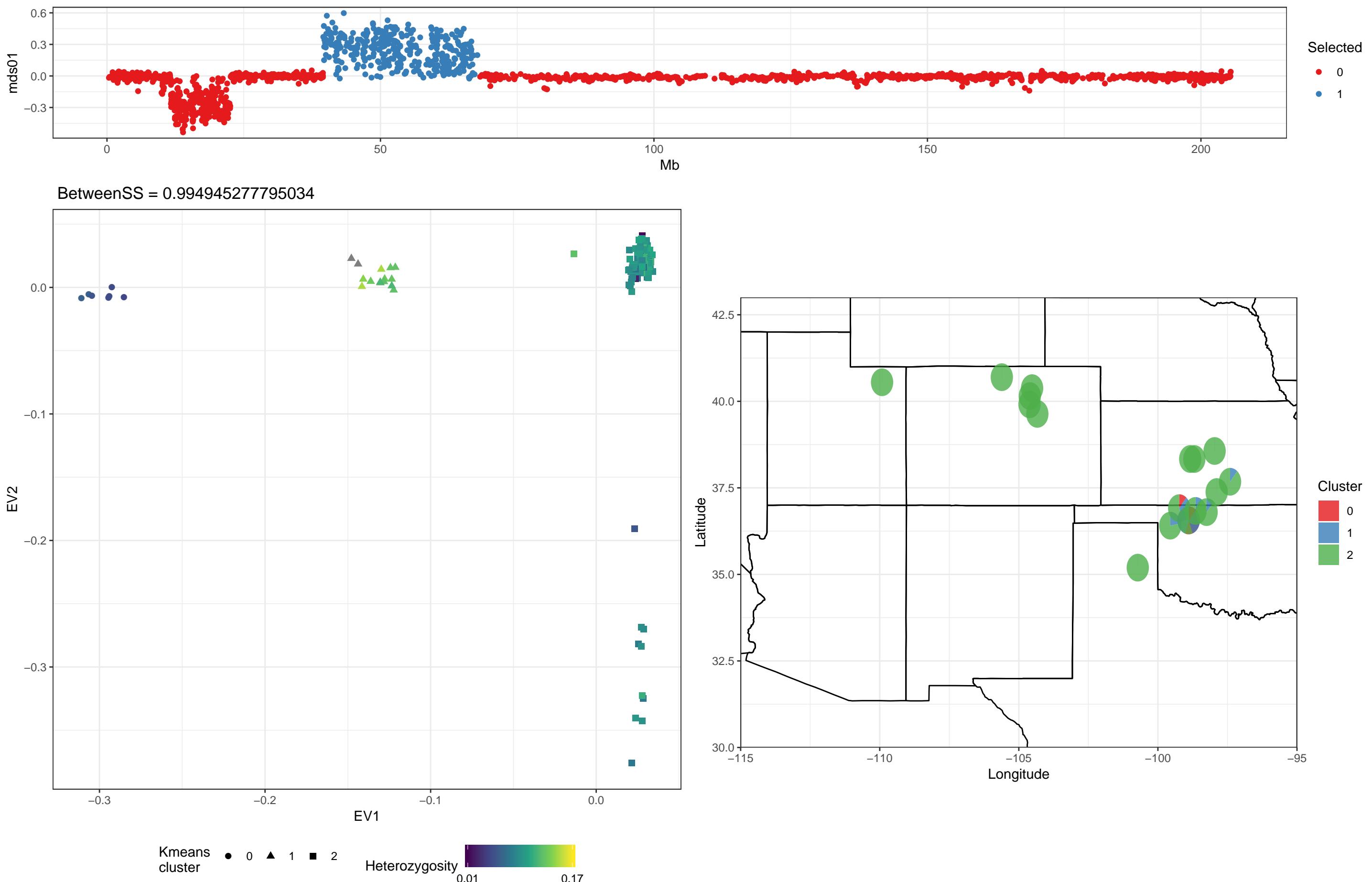


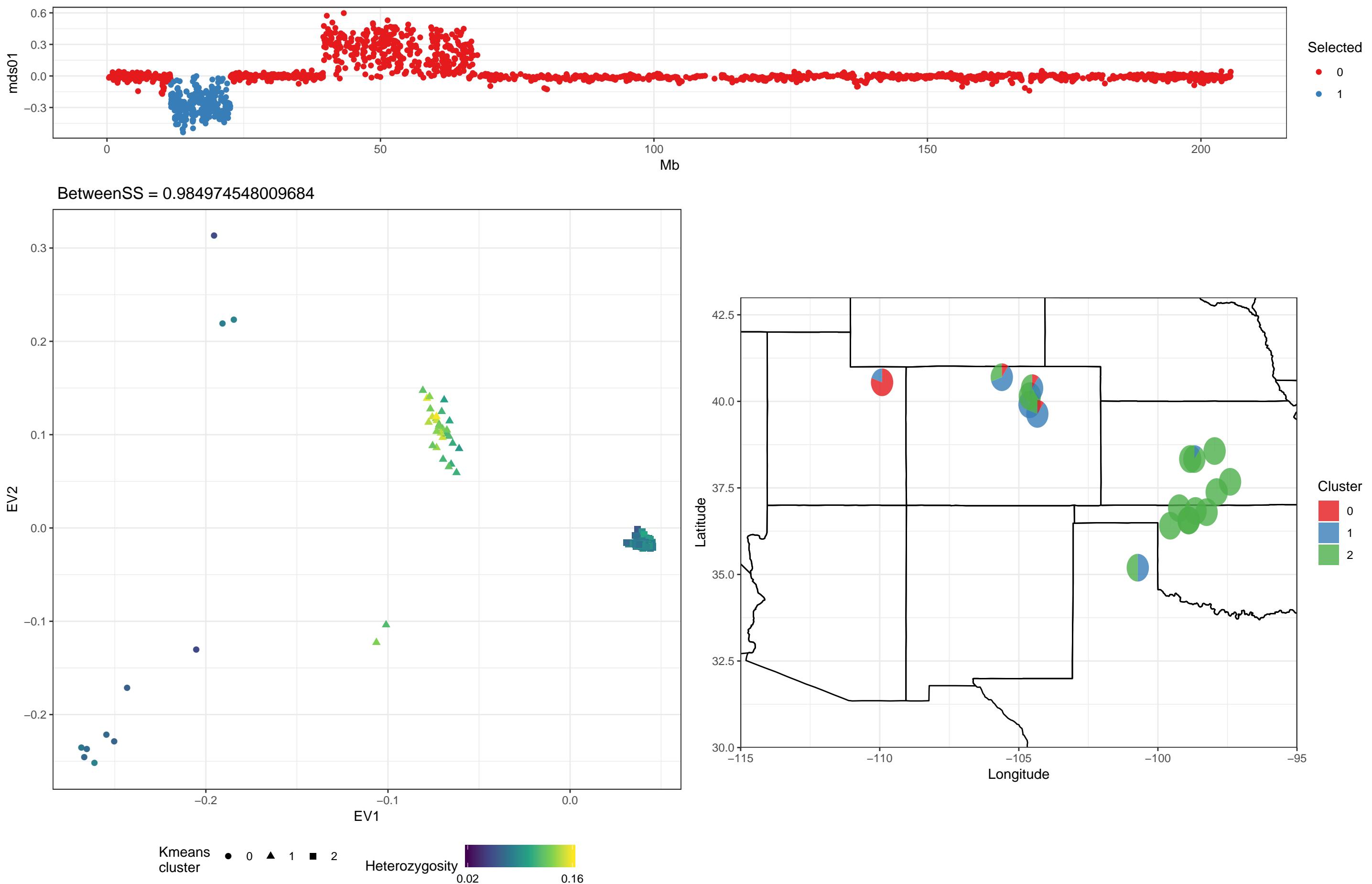


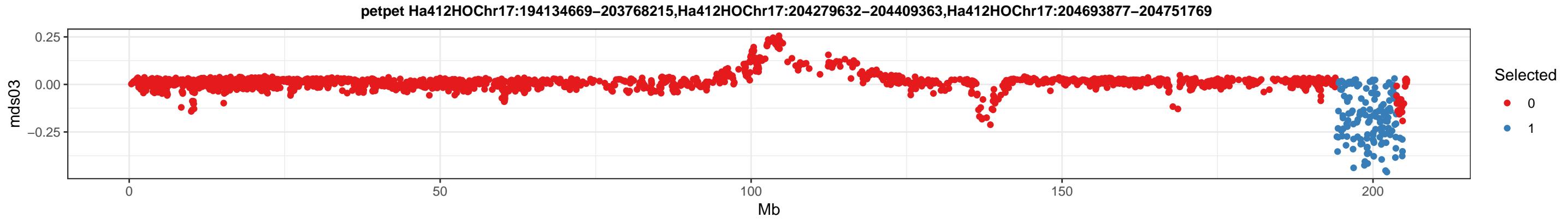
petpet Ha412HOChr14:135376473–144002322



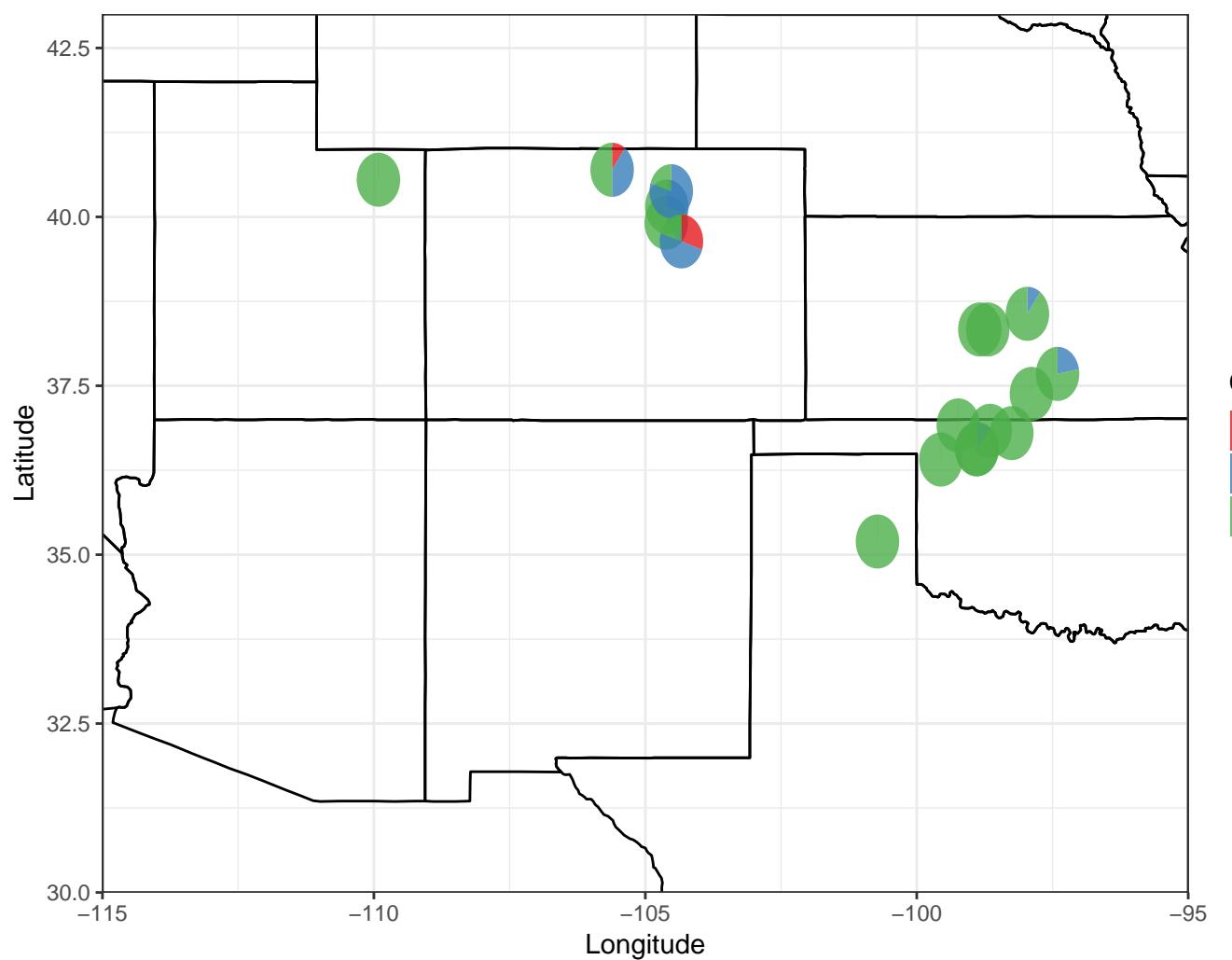
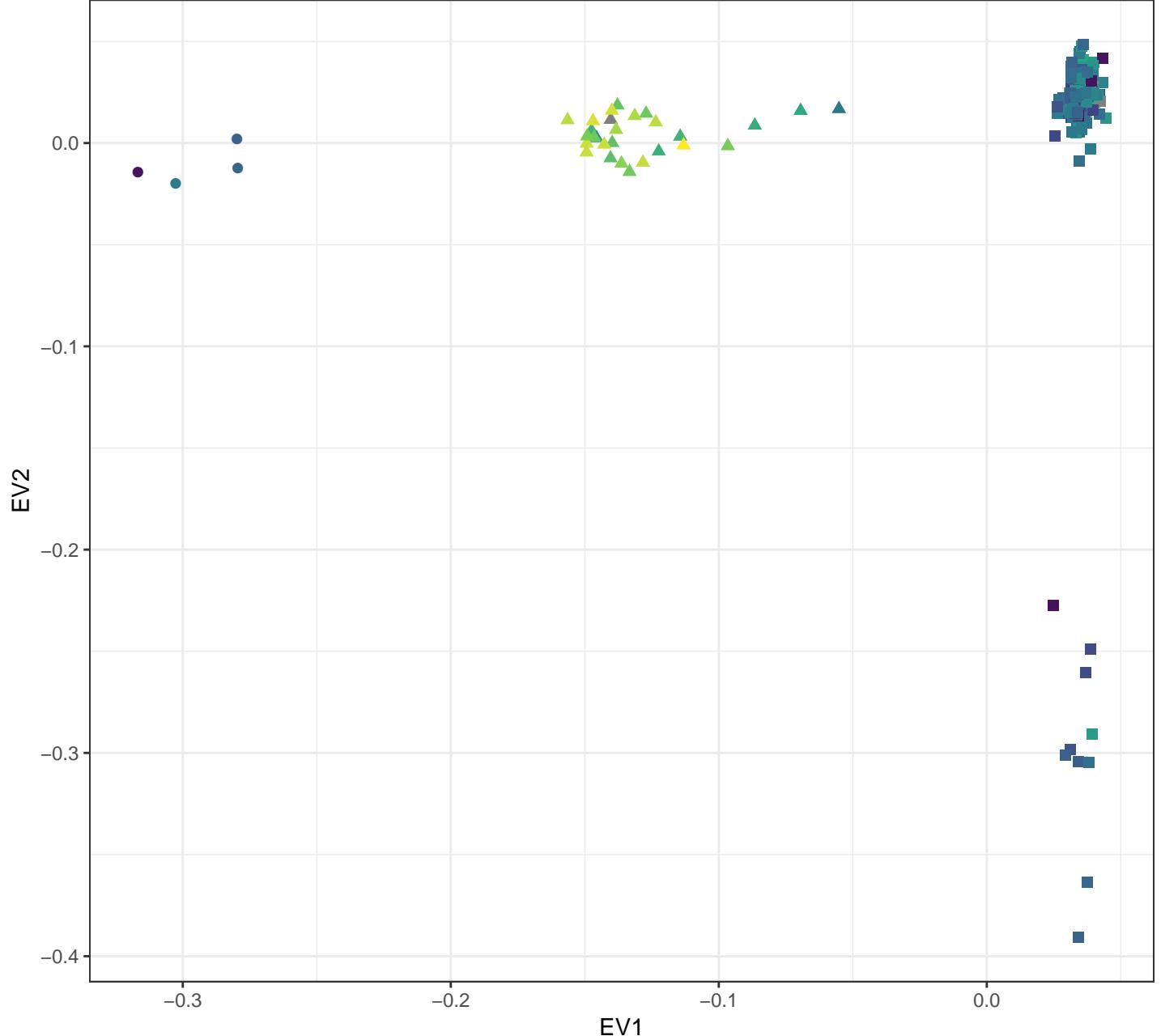








BetweenSS = 0.980649899595262

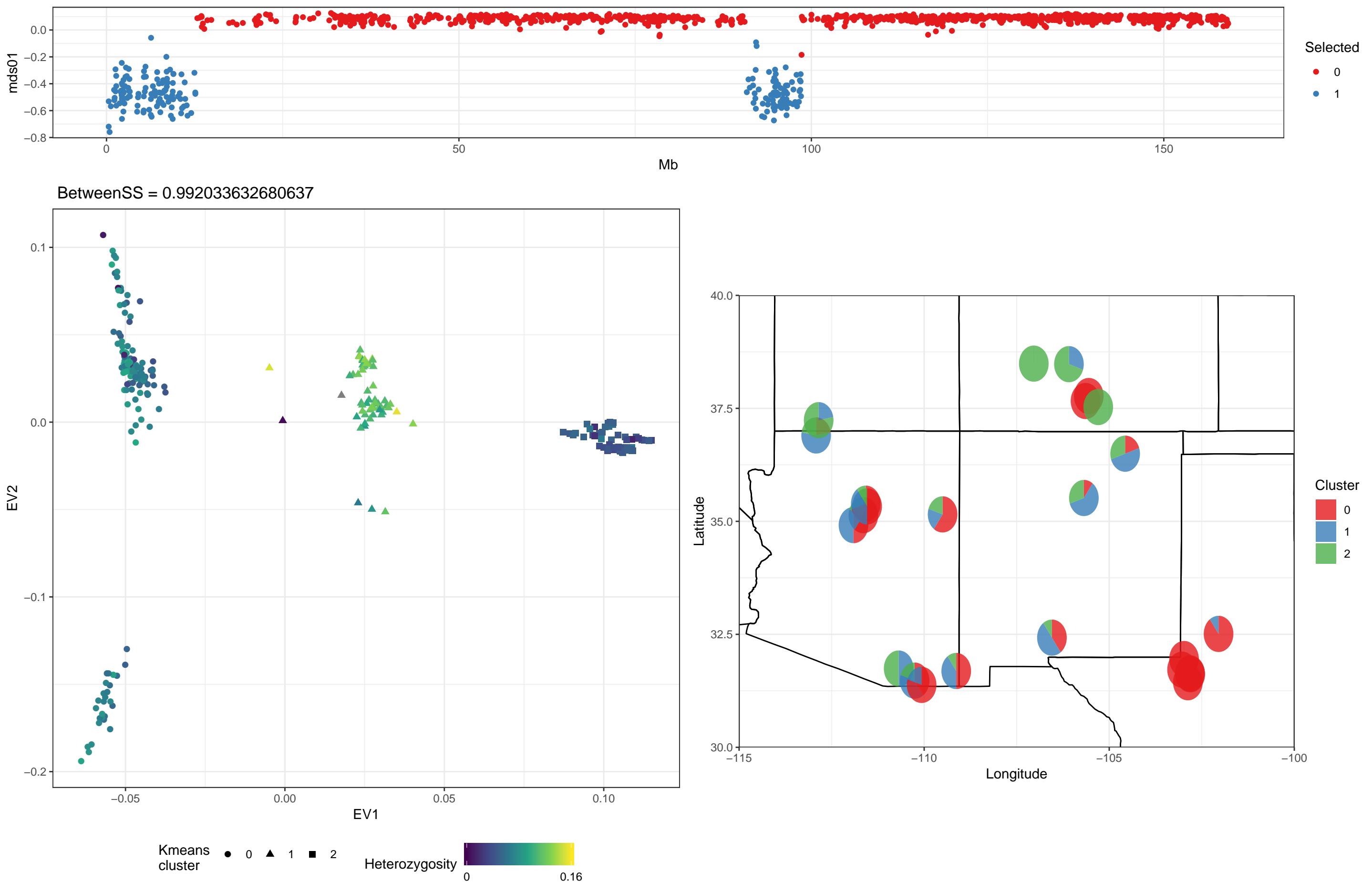


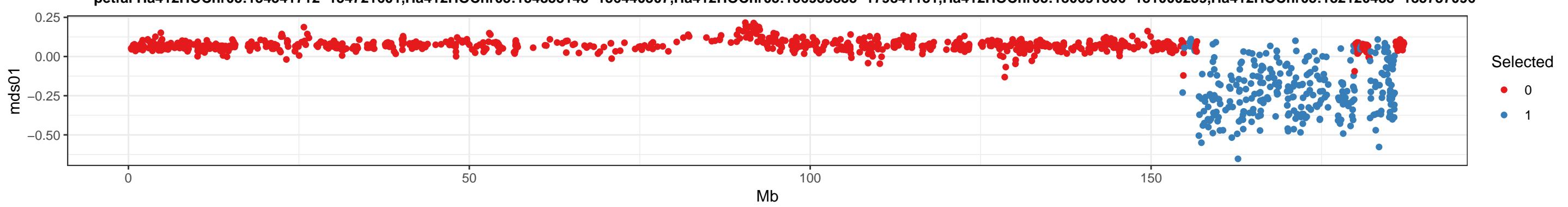
Kmeans cluster

● 0 ▲ 1 ■ 2

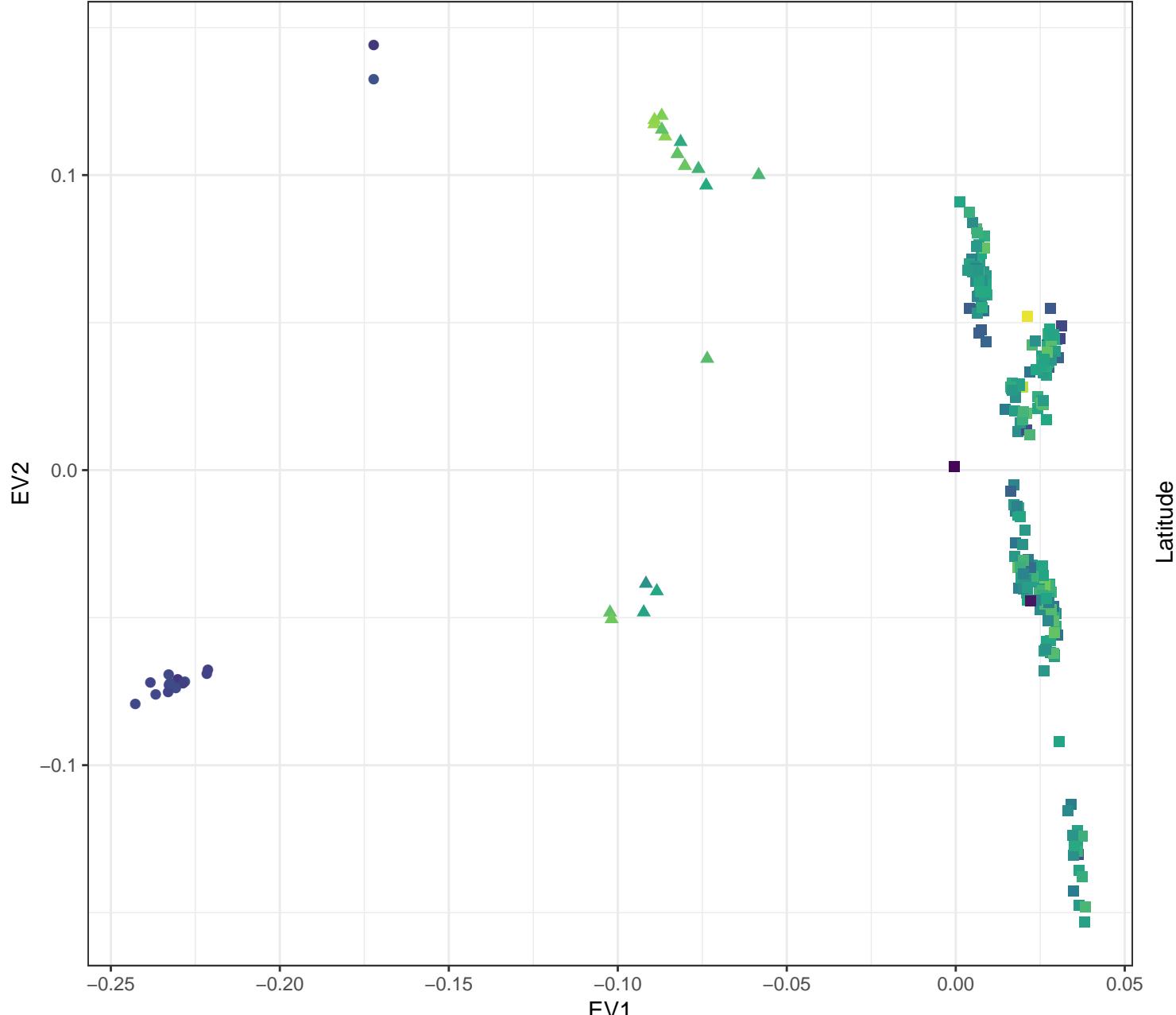
Heterozygosity

1



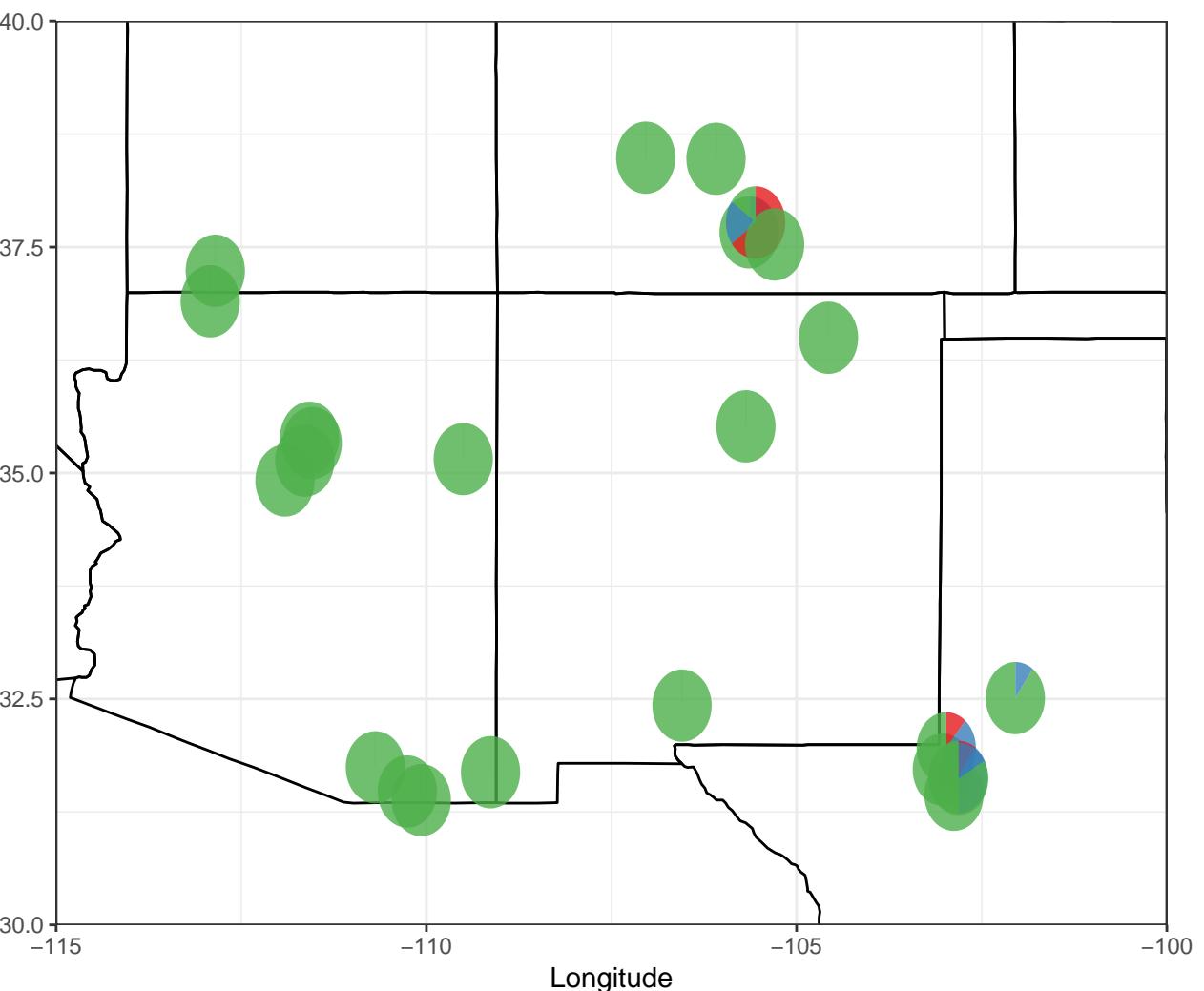


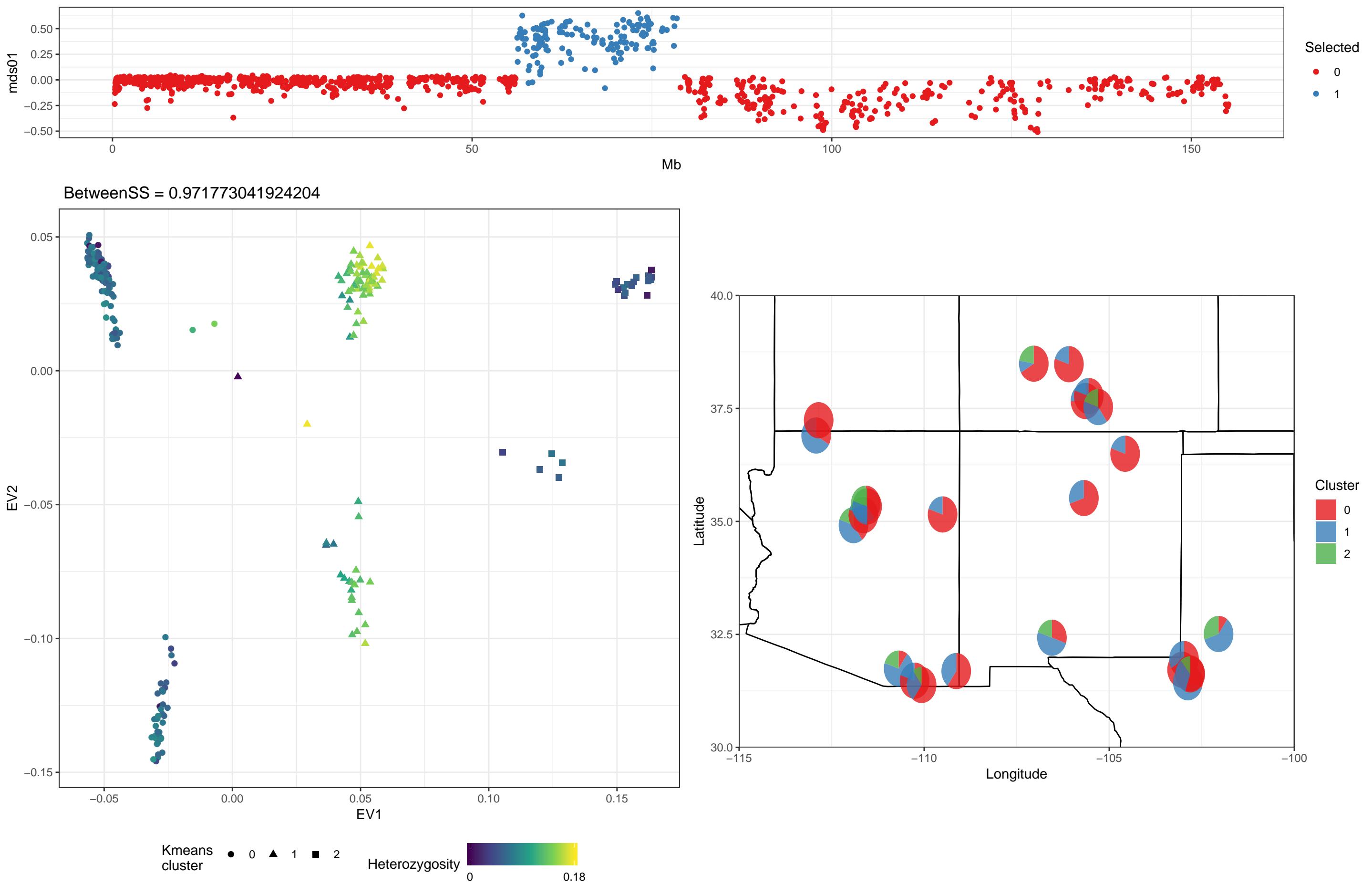
BetweenSS = 0.973211727329385

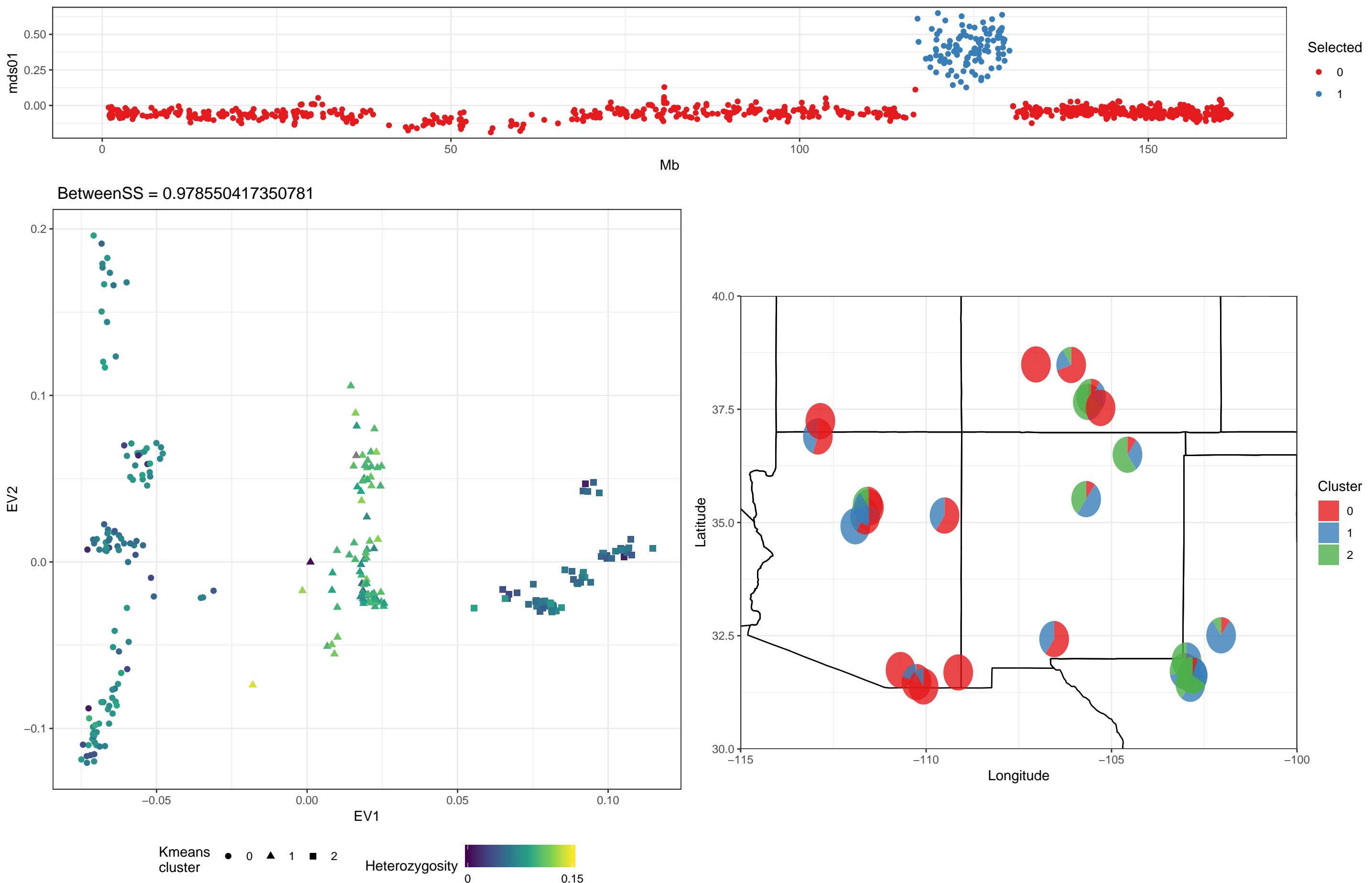


Kmeans
cluster

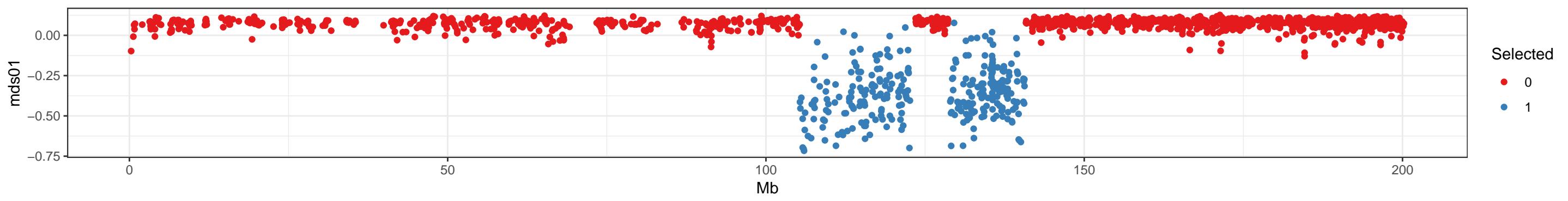
Heterozygosity
0 0.13



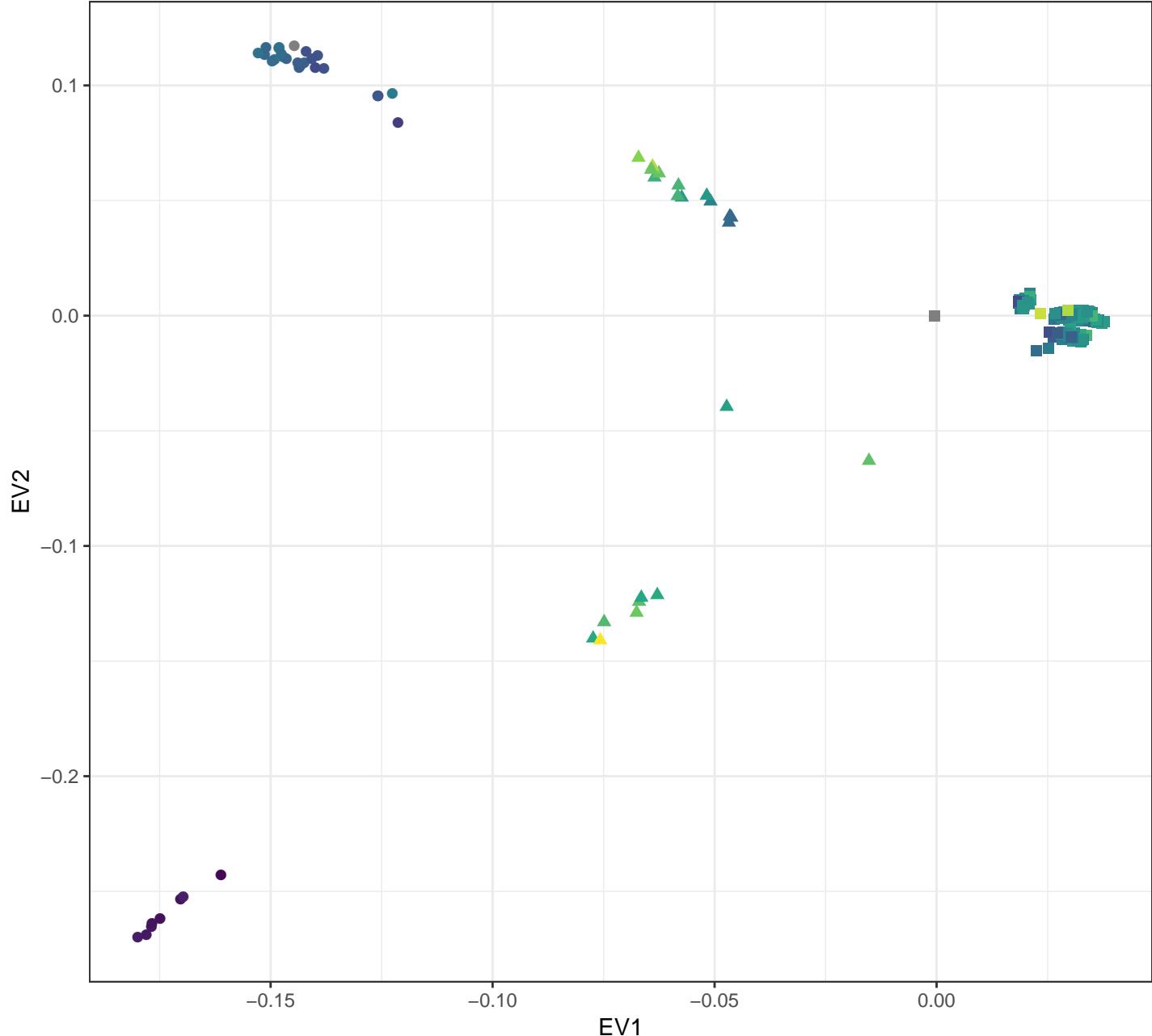




petfal Ha412HOChr09:105308630–122623536,Ha412HOChr09:128856133–140632242



BetweenSS = 0.982710980912191

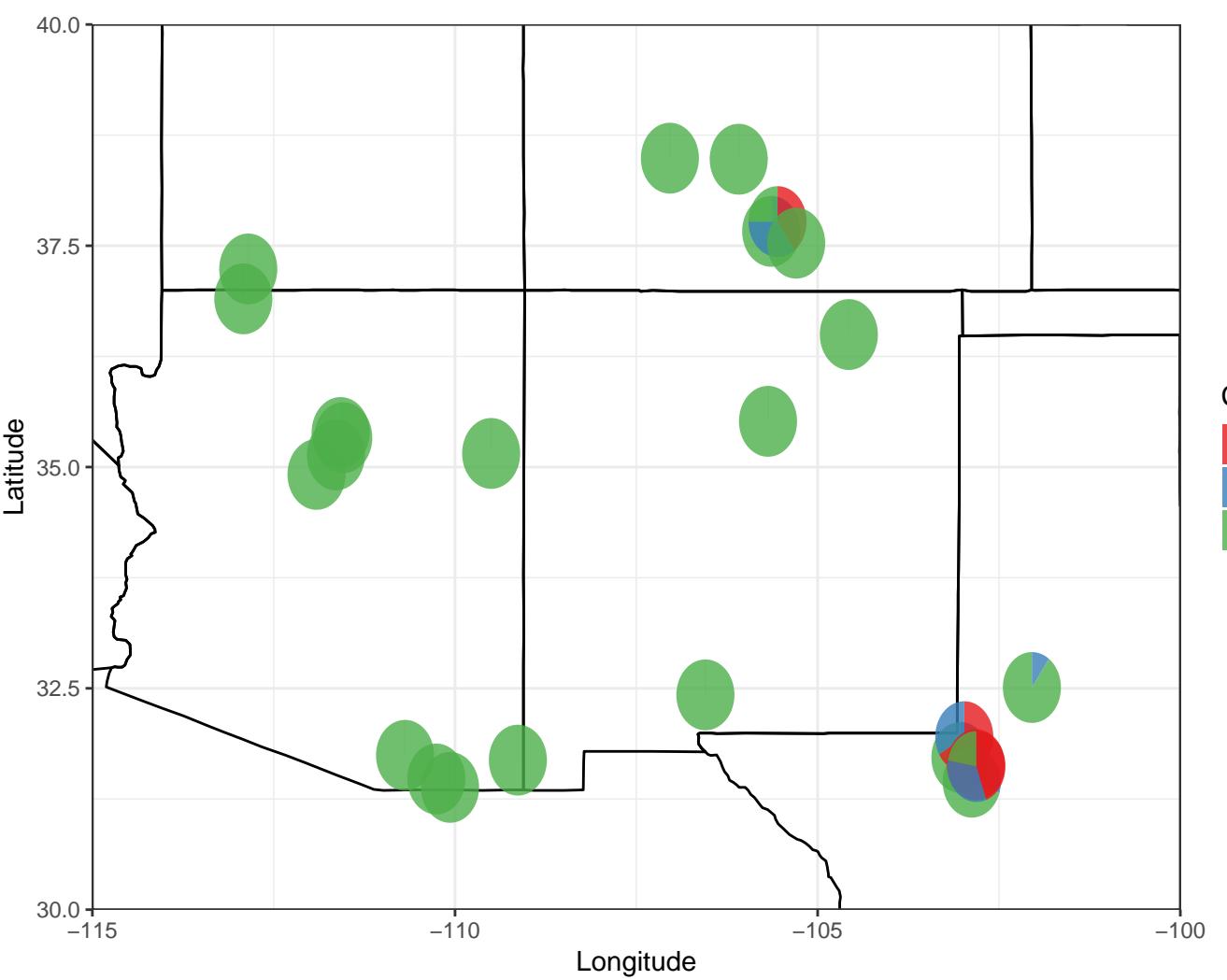


Kmeans
cluster

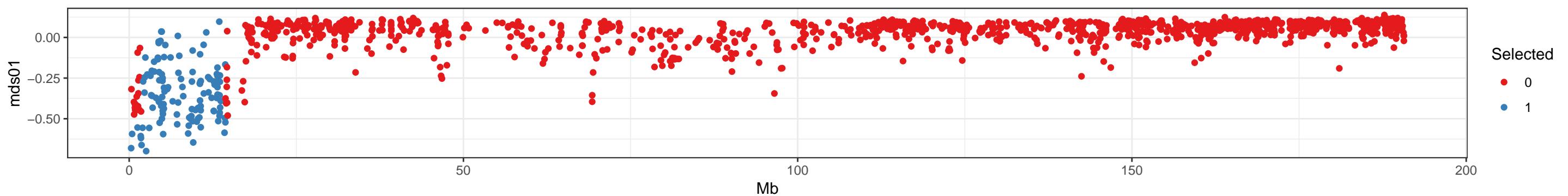
• 0 ▲ 1 ■ 2

Heterozygosity

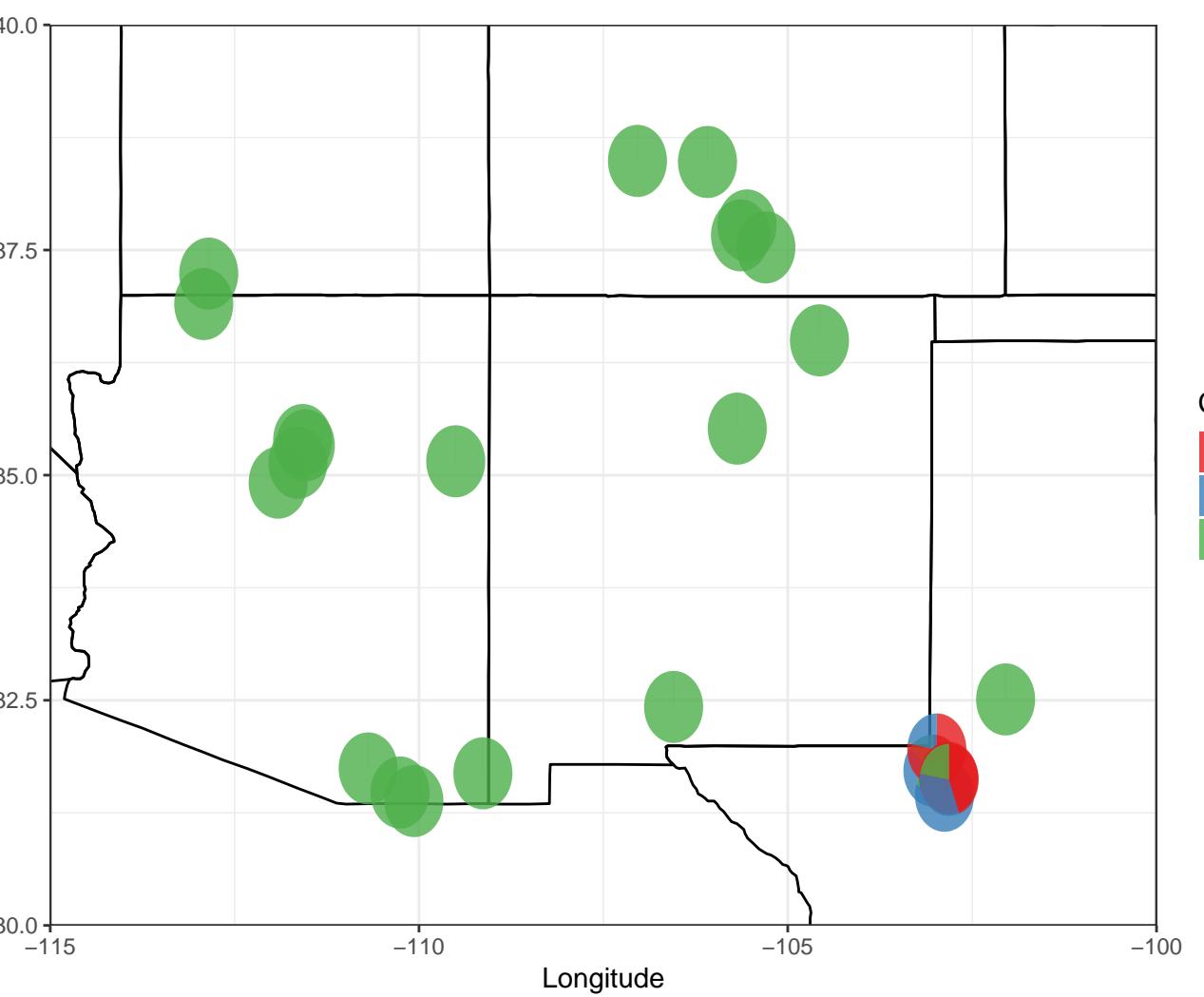
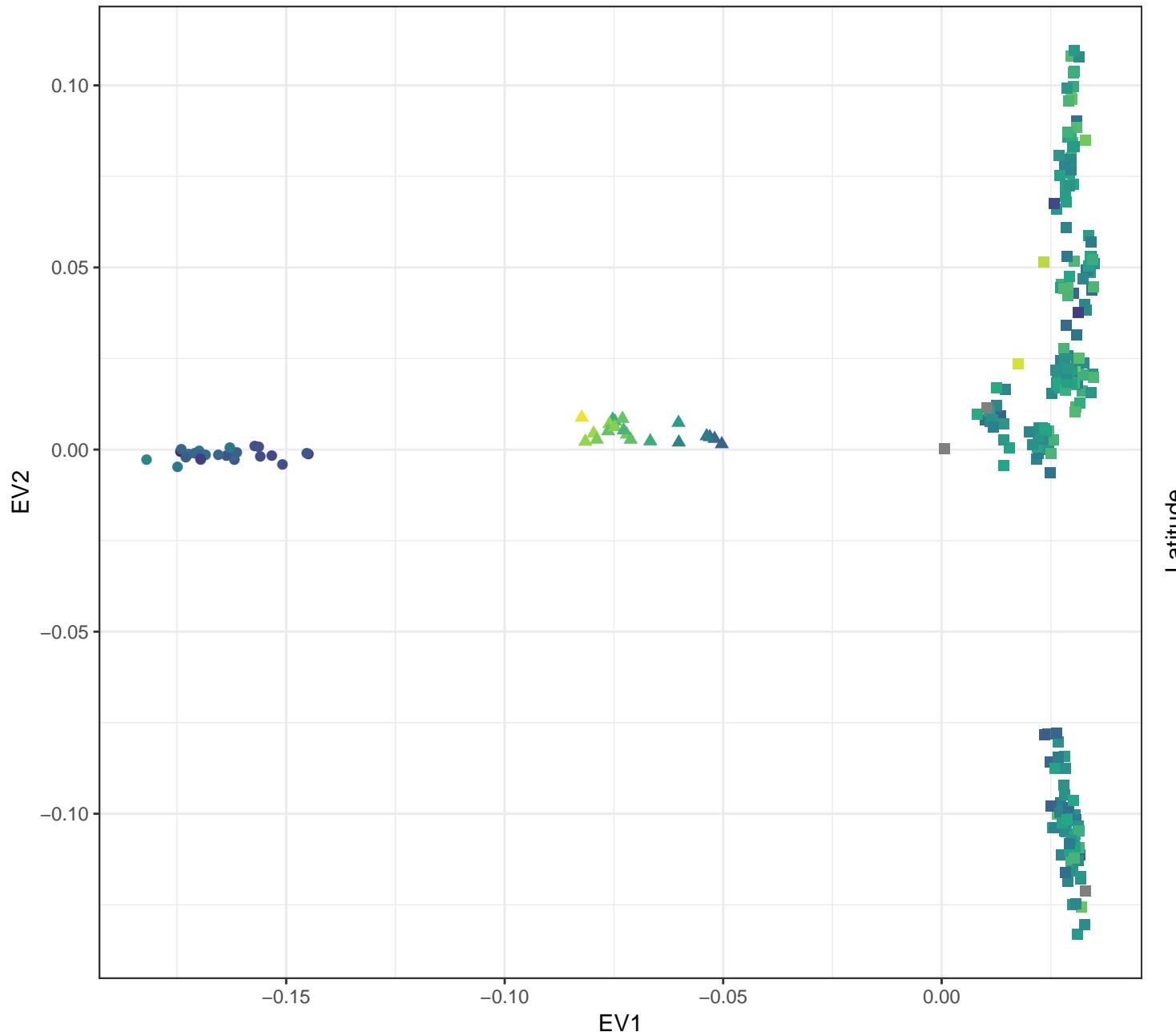
0.01 0.14



petfal Ha412HOChr10:293669–299675,Ha412HOChr10:384092–499852,Ha412HOChr10:1235691–1268588,Ha412HOChr10:1716092–1776585,Ha412HOChr10:1845471–14398715



BetweenSS = 0.988937704152577

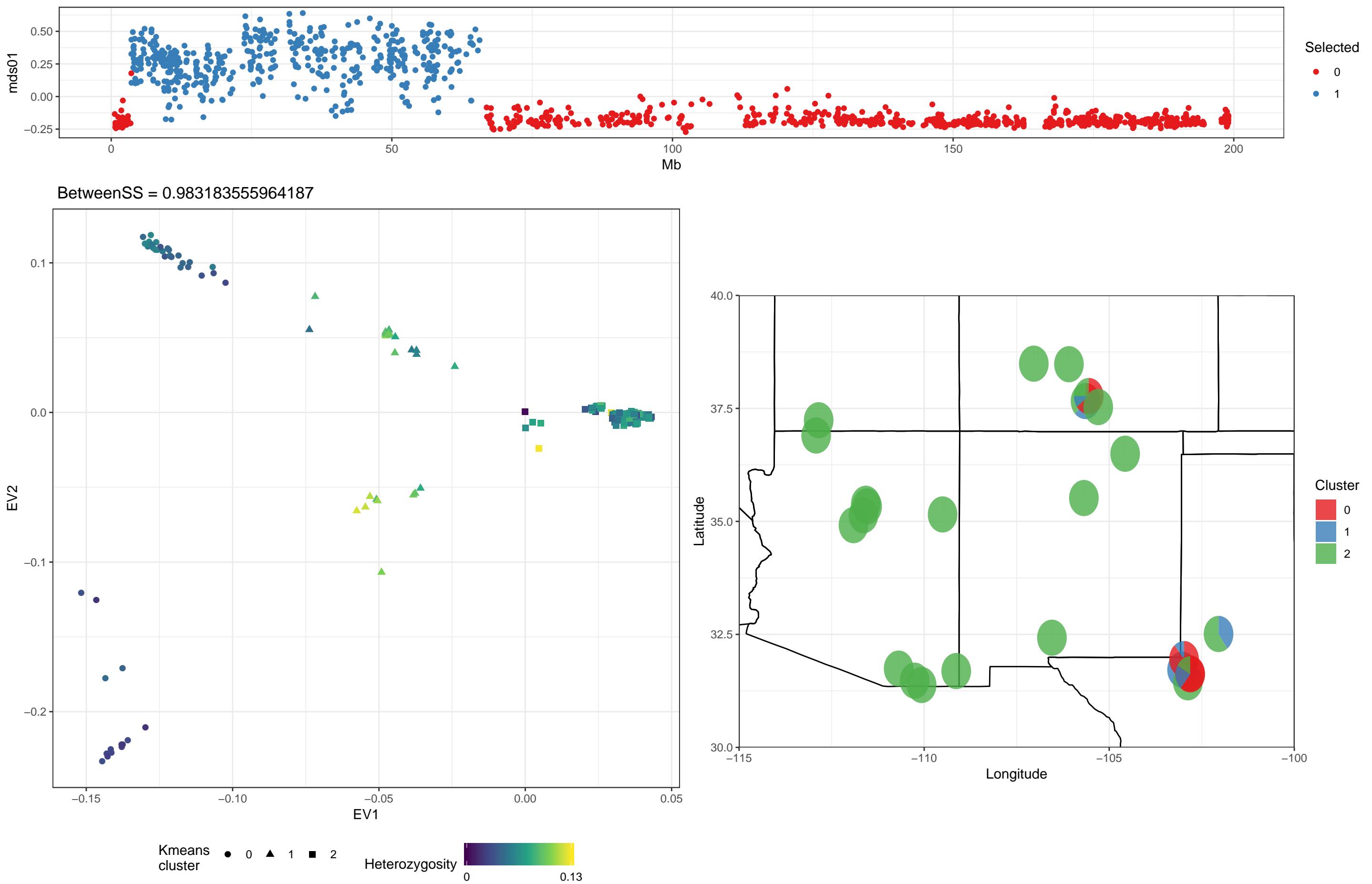


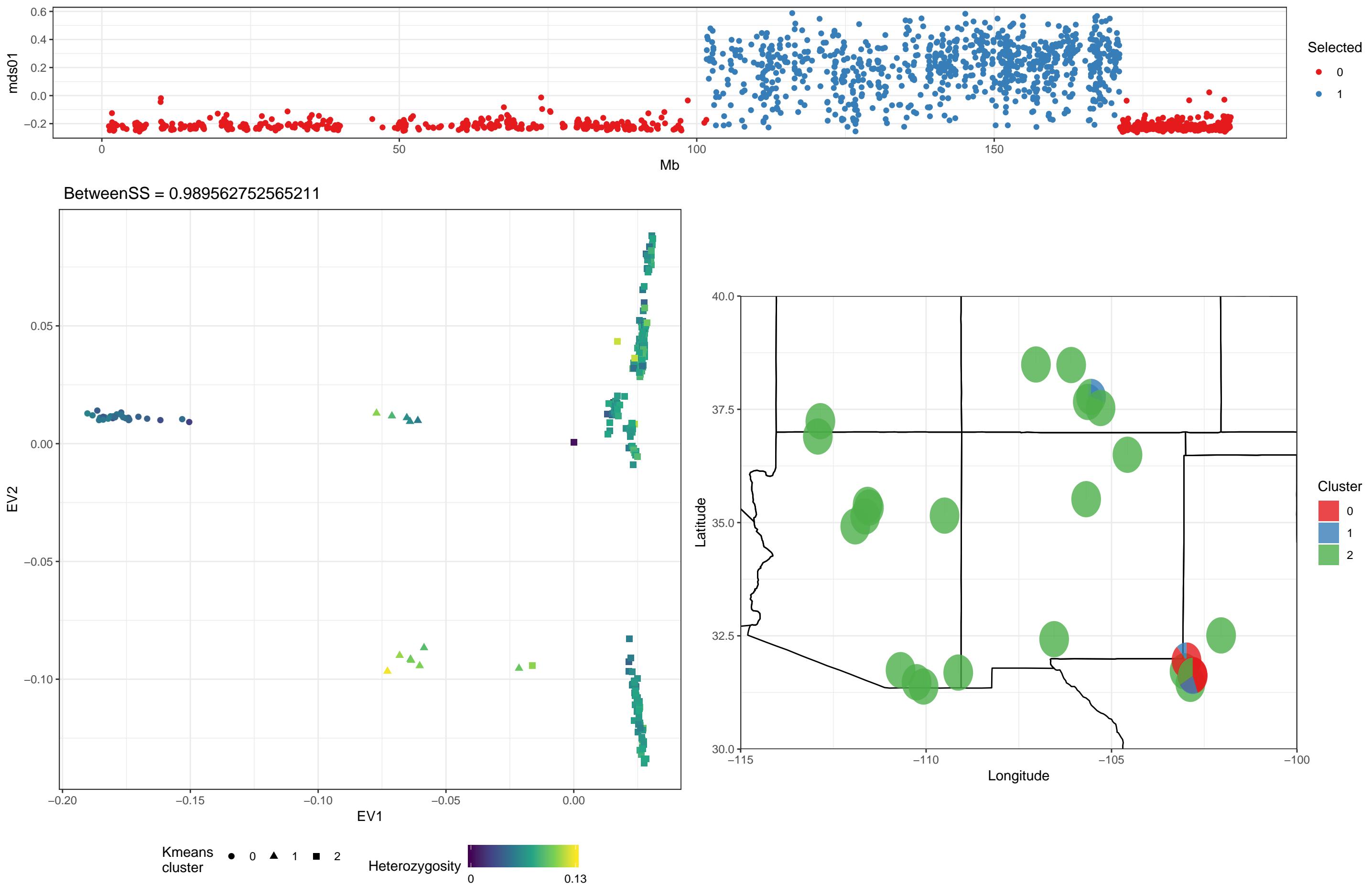
Kmeans
cluster

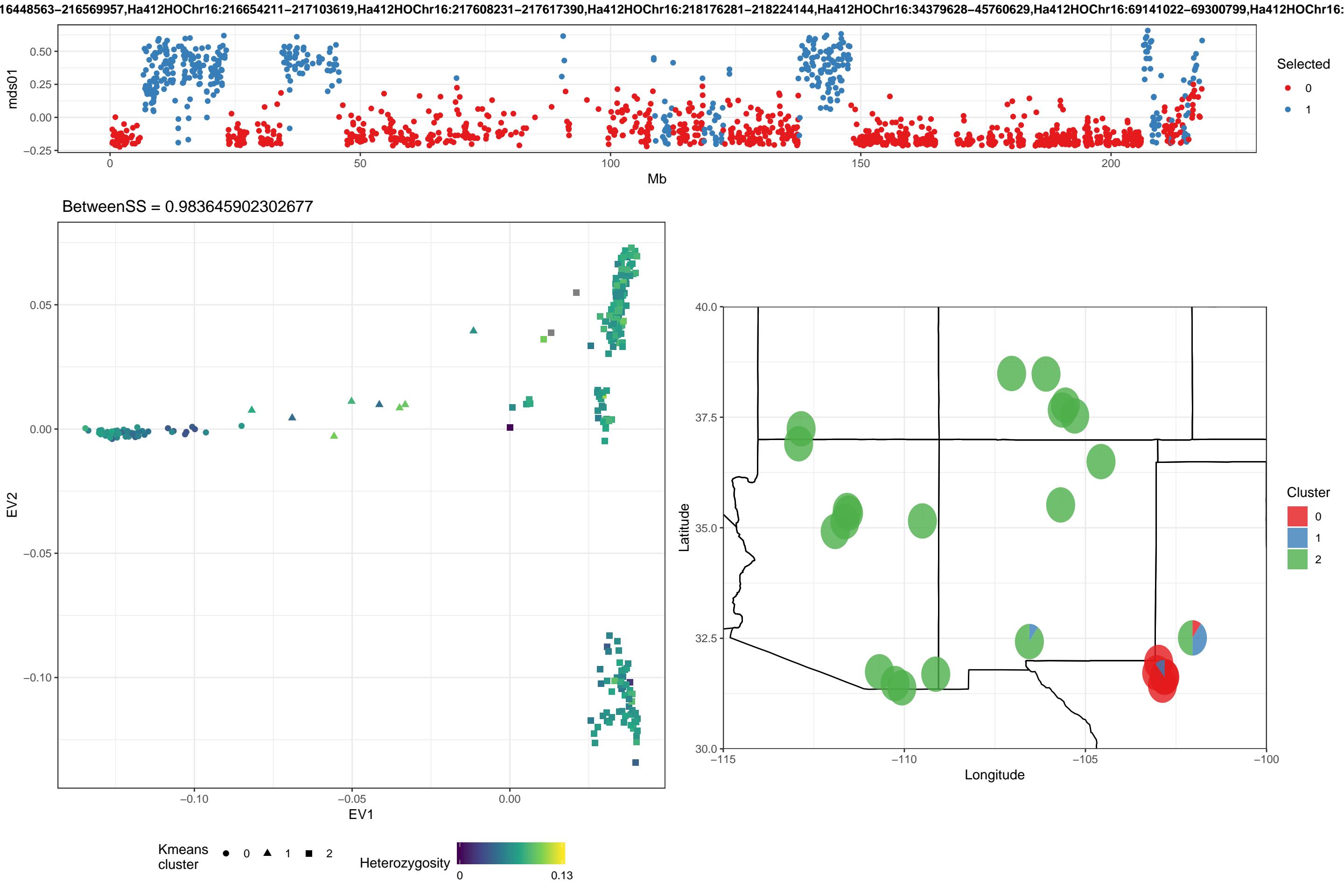
● 0 ▲ 1 ■ 2

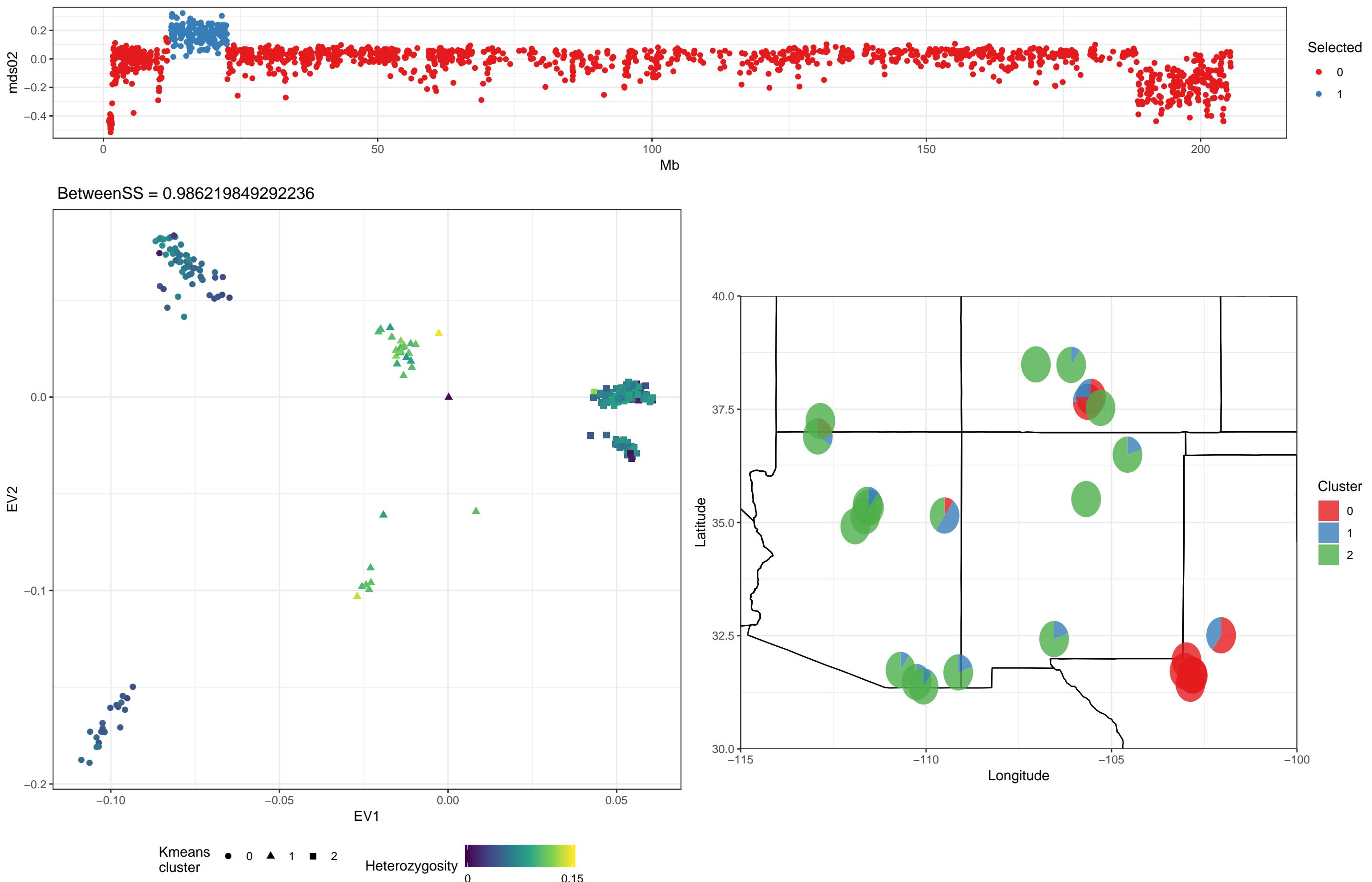
Heterozygosity

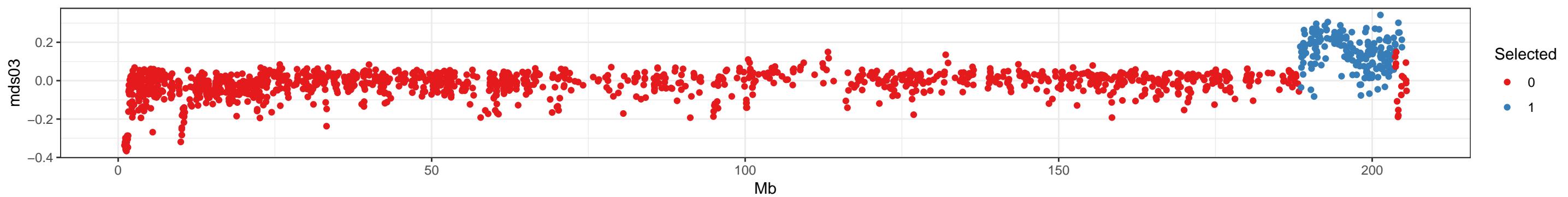




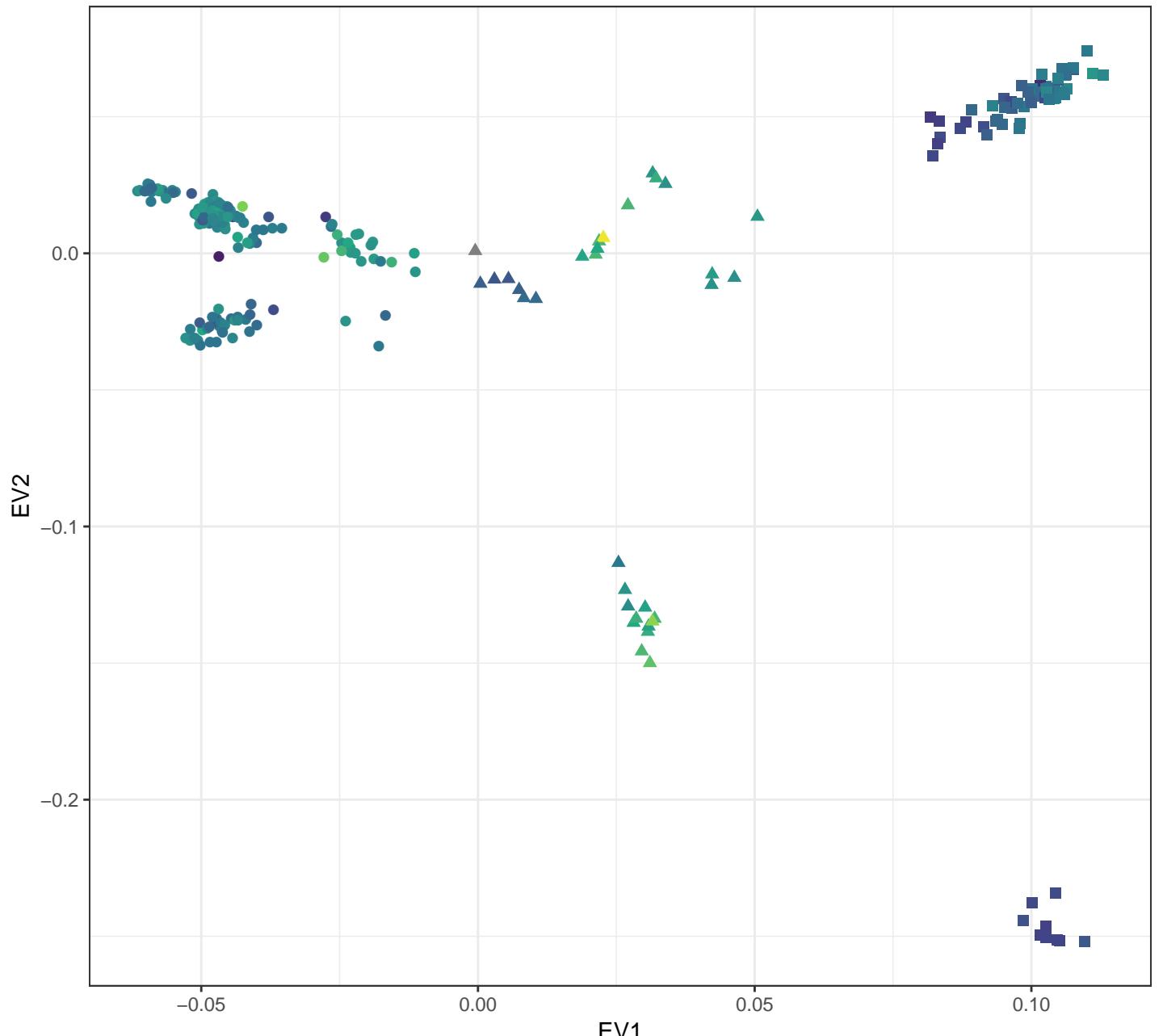








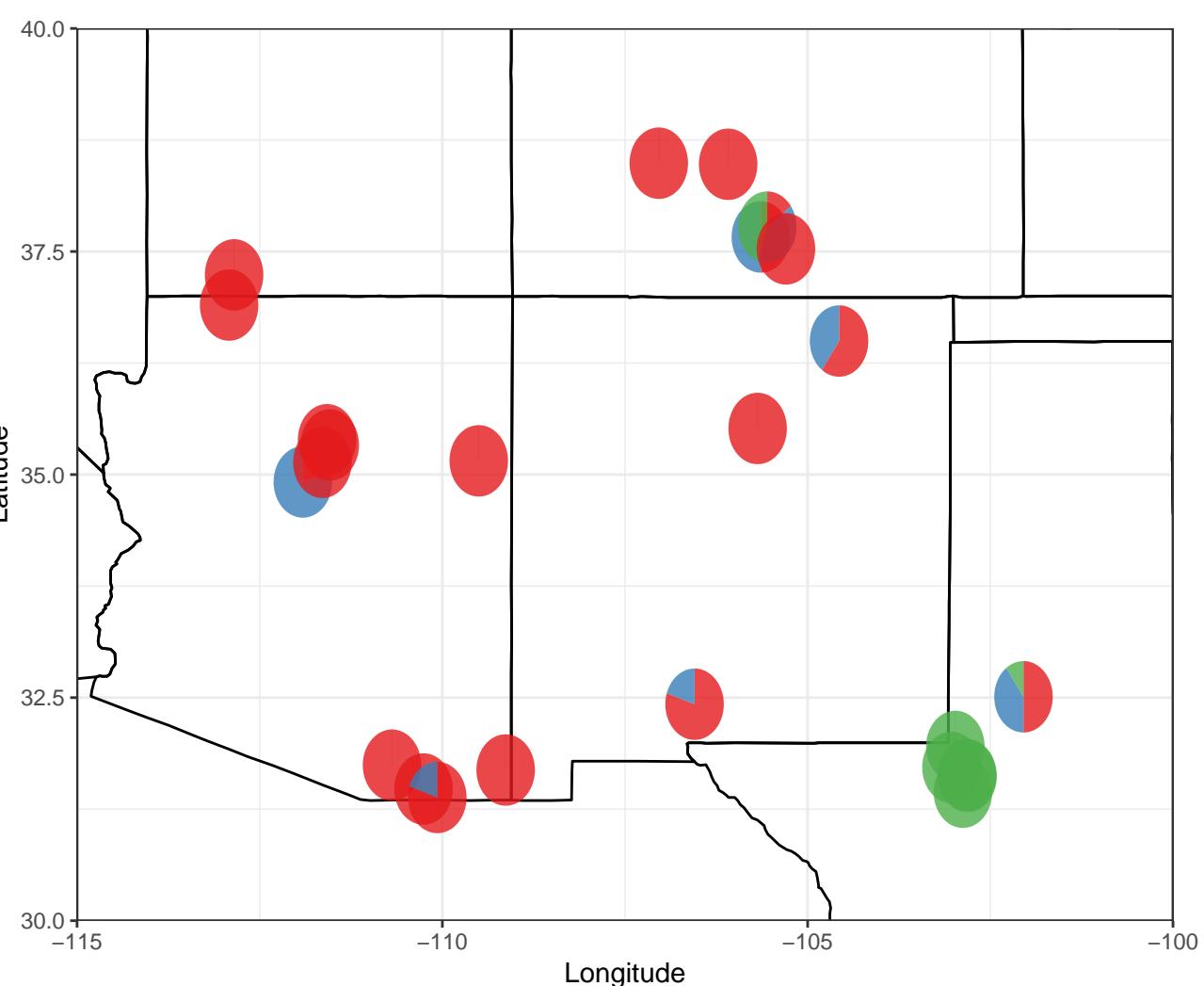
BetweenSS = 0.972795957873943



Kmeans
cluster

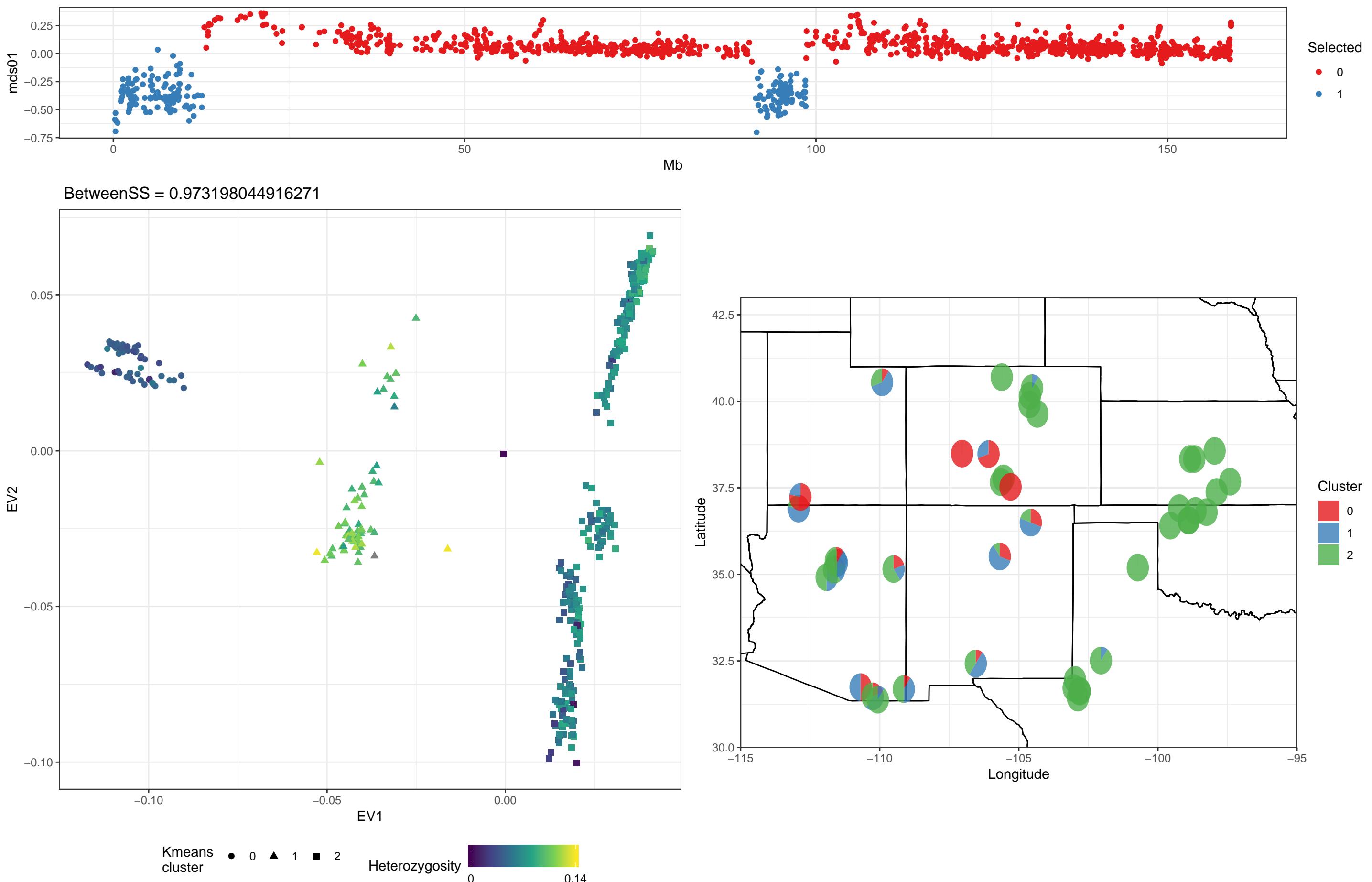
• 0 ▲ 1 ■ 2

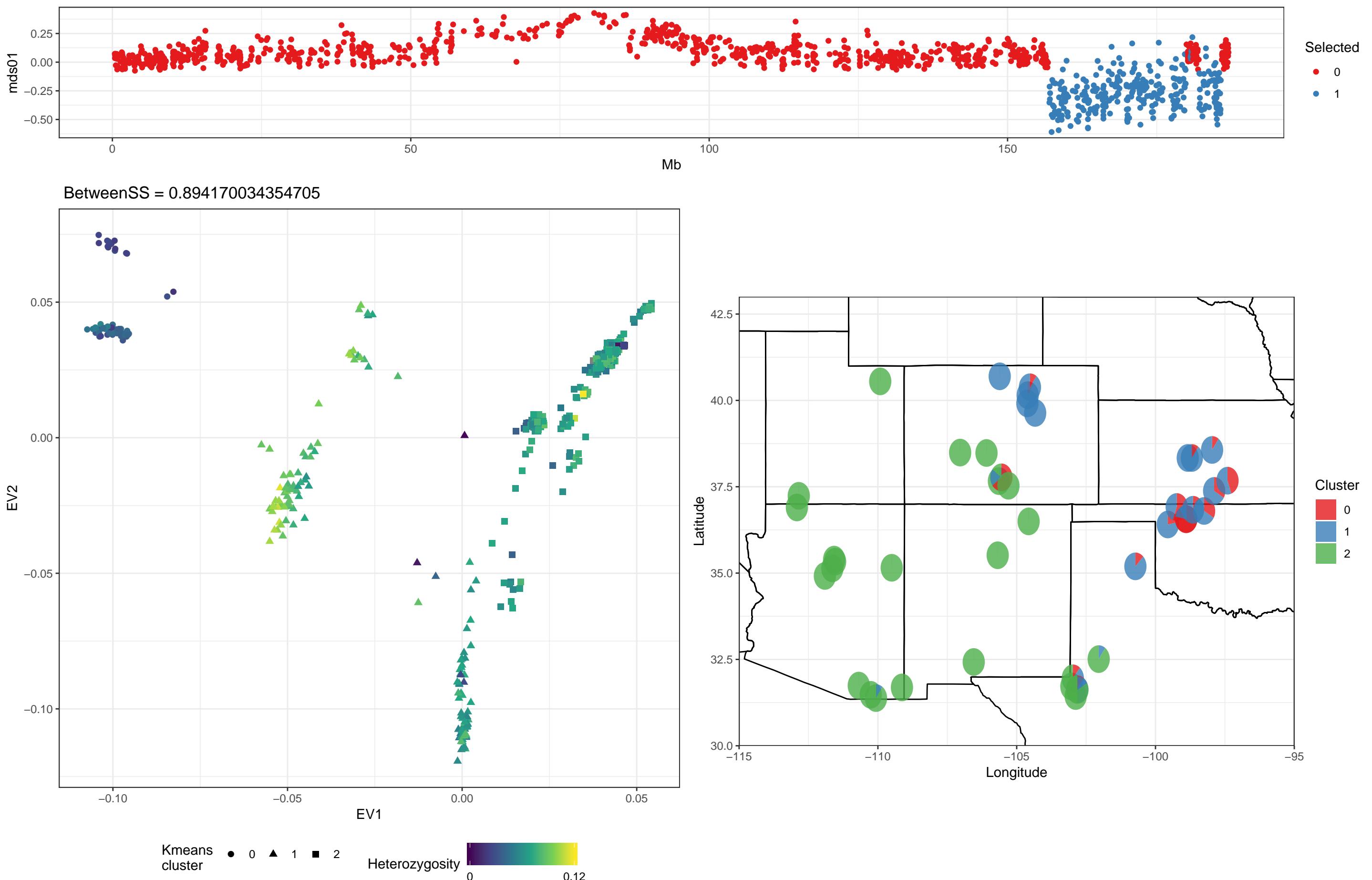
Heterozygosity

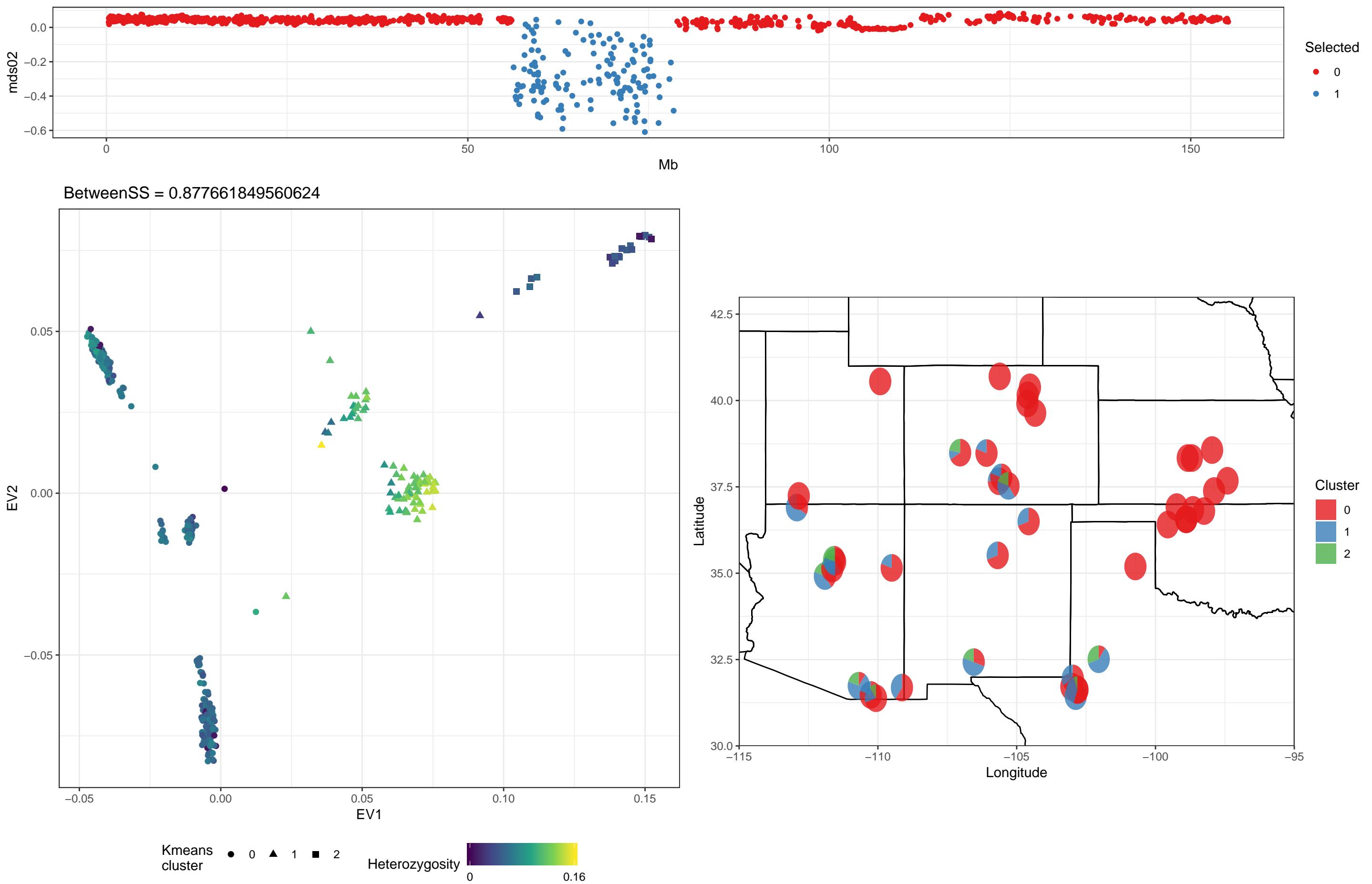


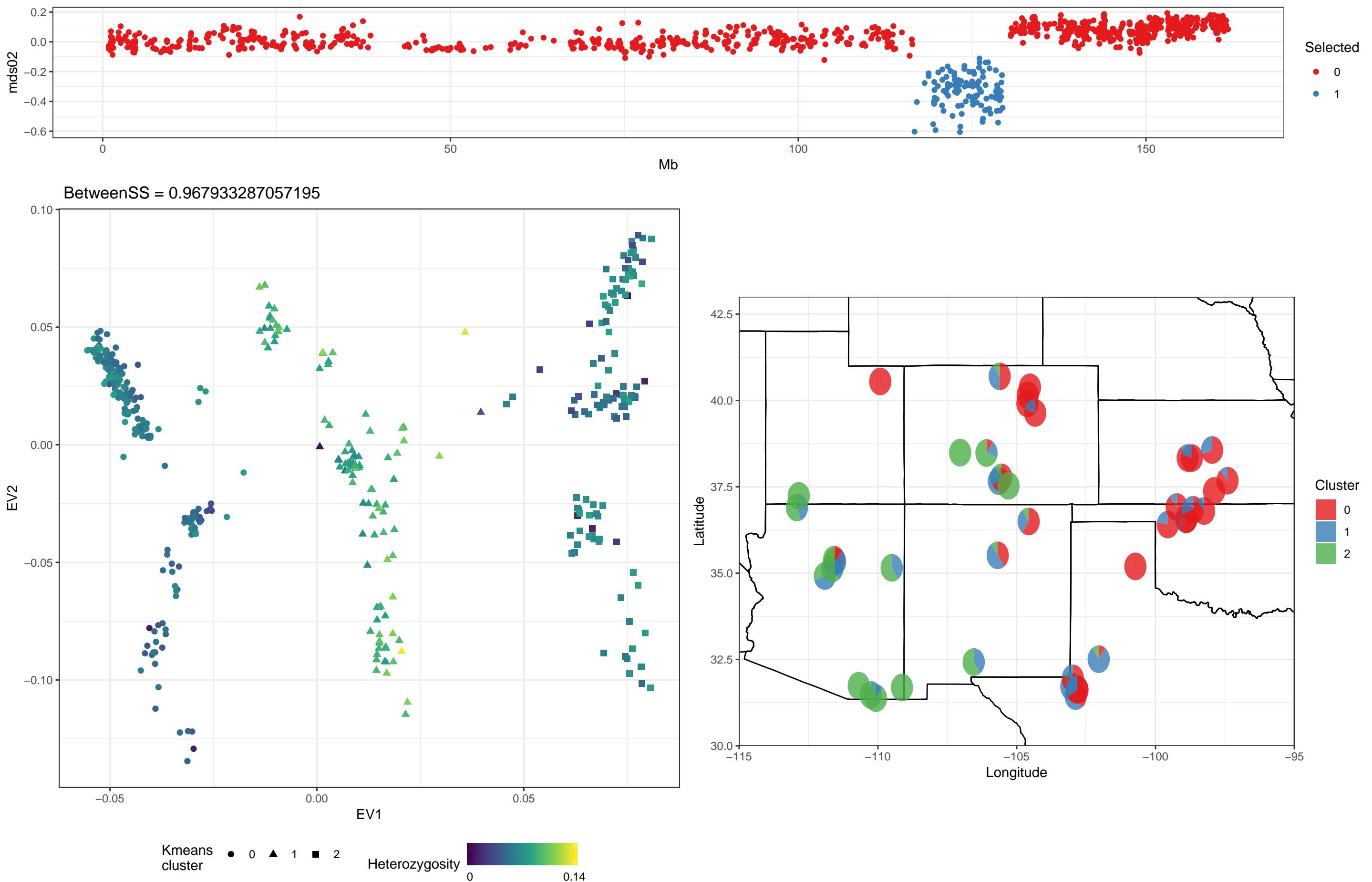
Selected
• 0 ■ 1

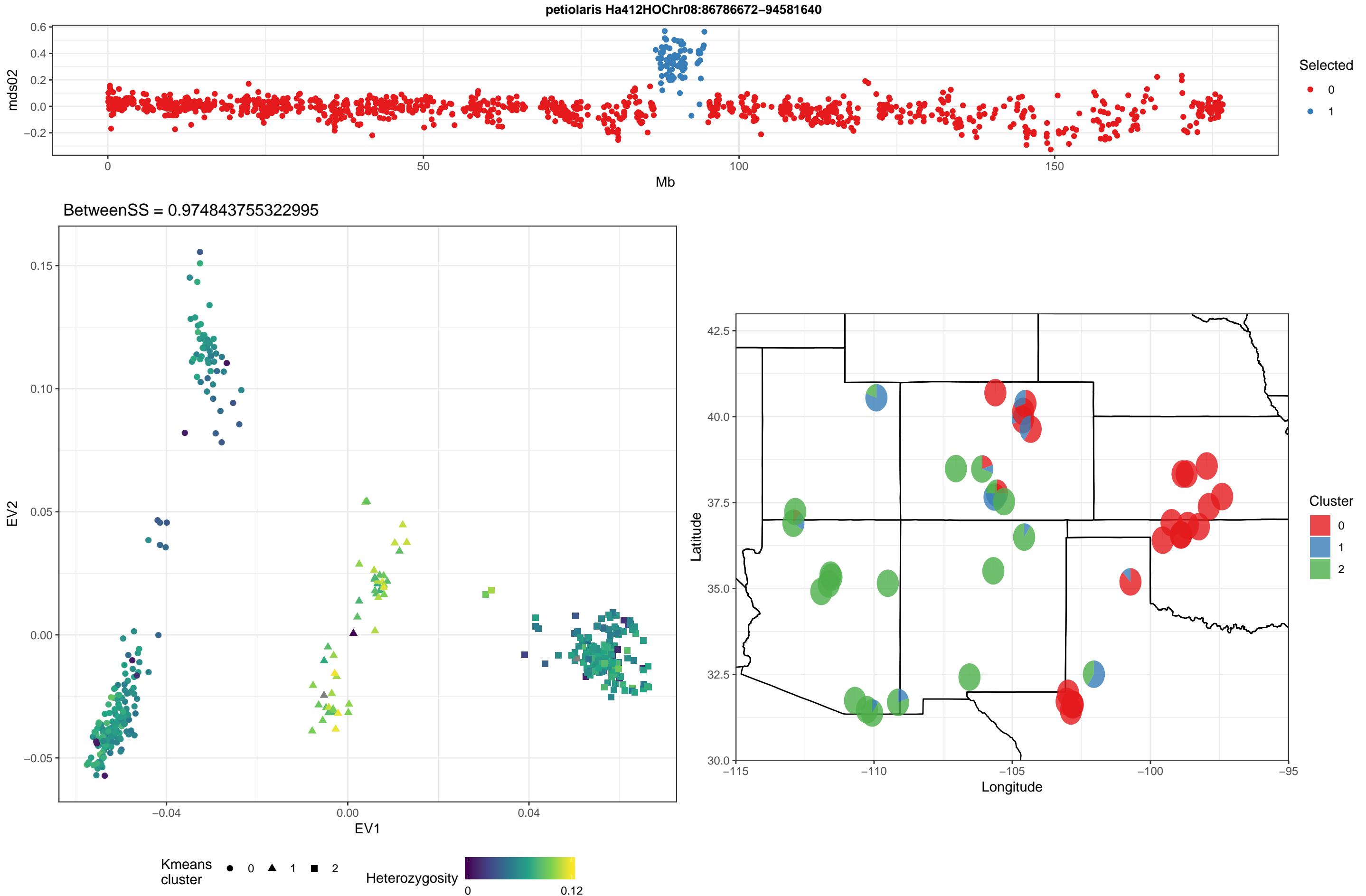
Cluster
• 0 ■ 1 ■ 2

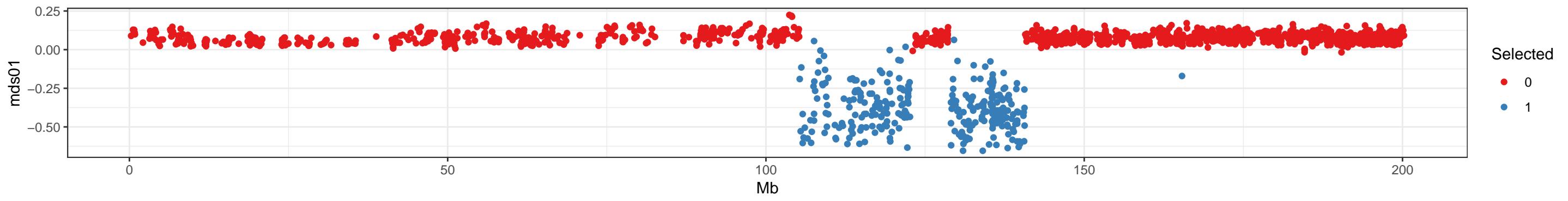




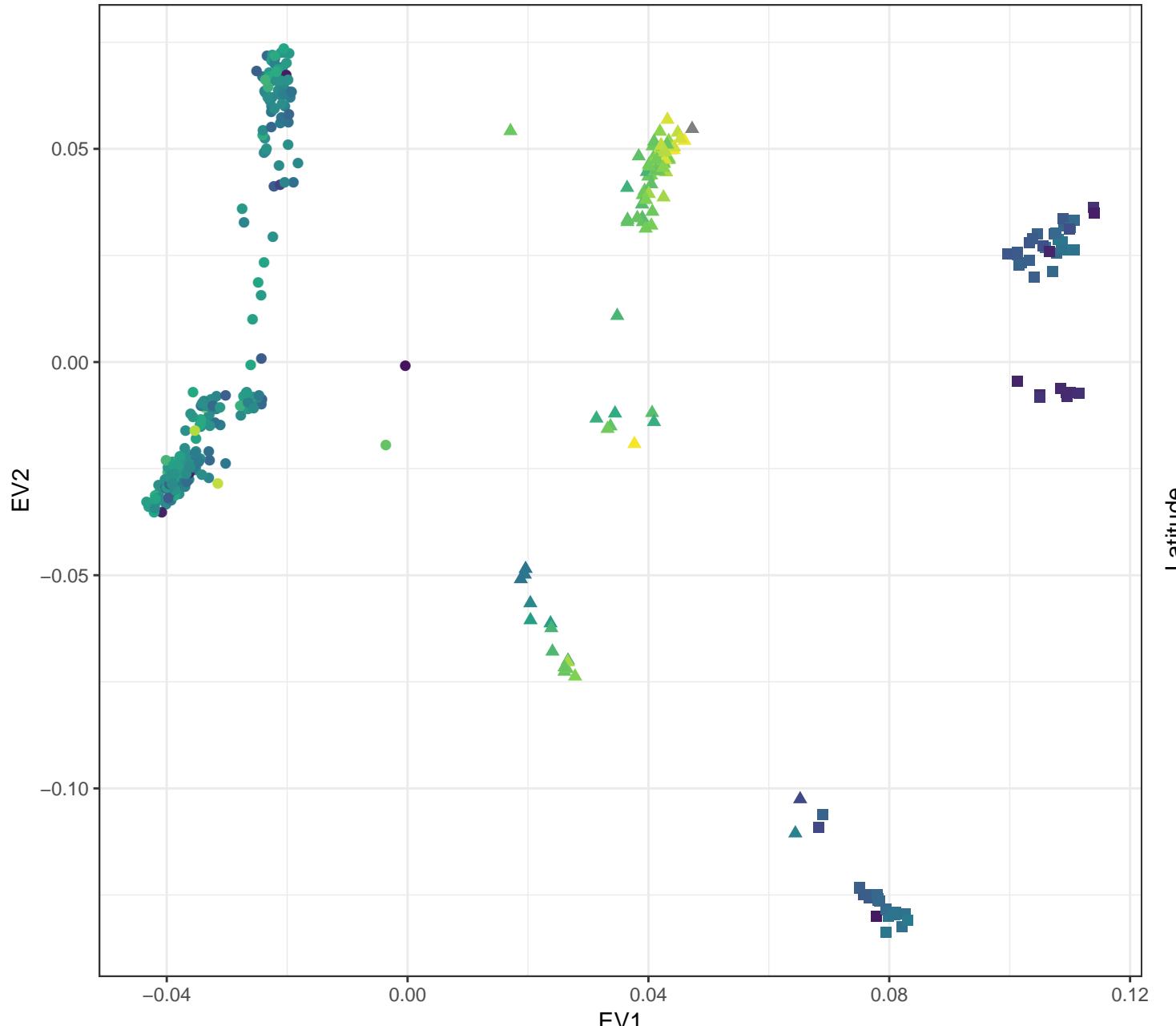








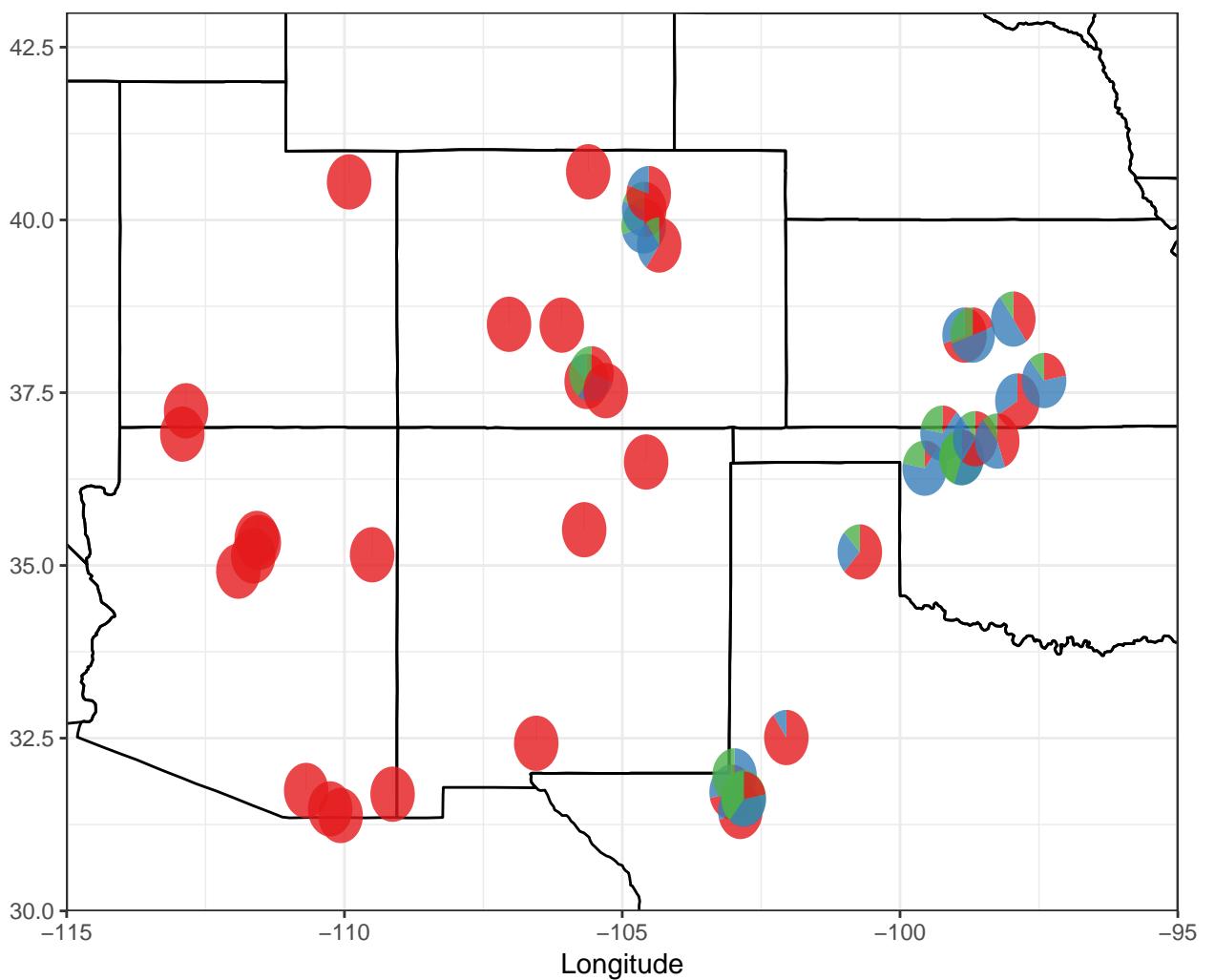
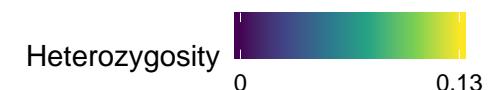
BetweenSS = 0.964141153986628

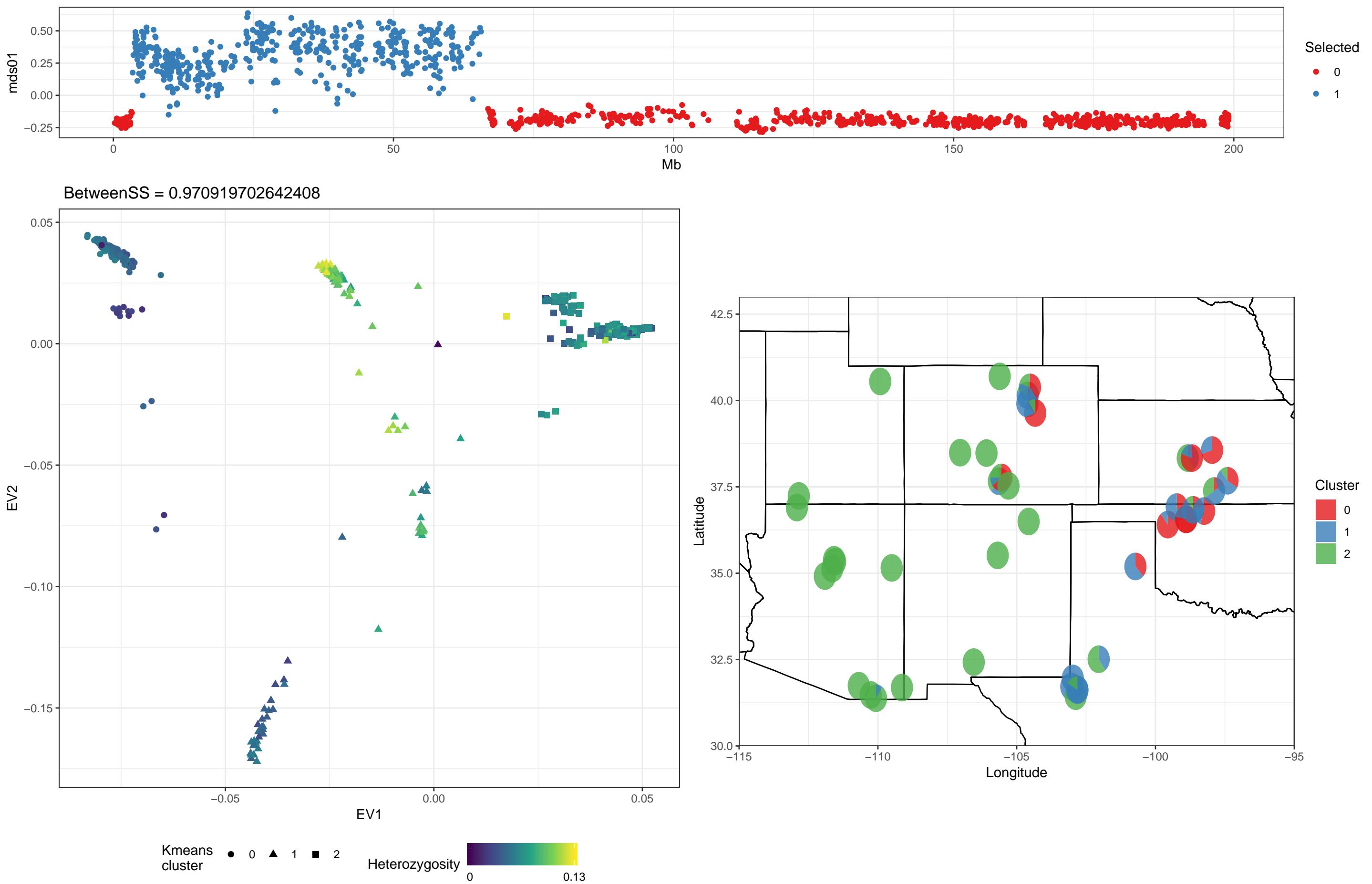


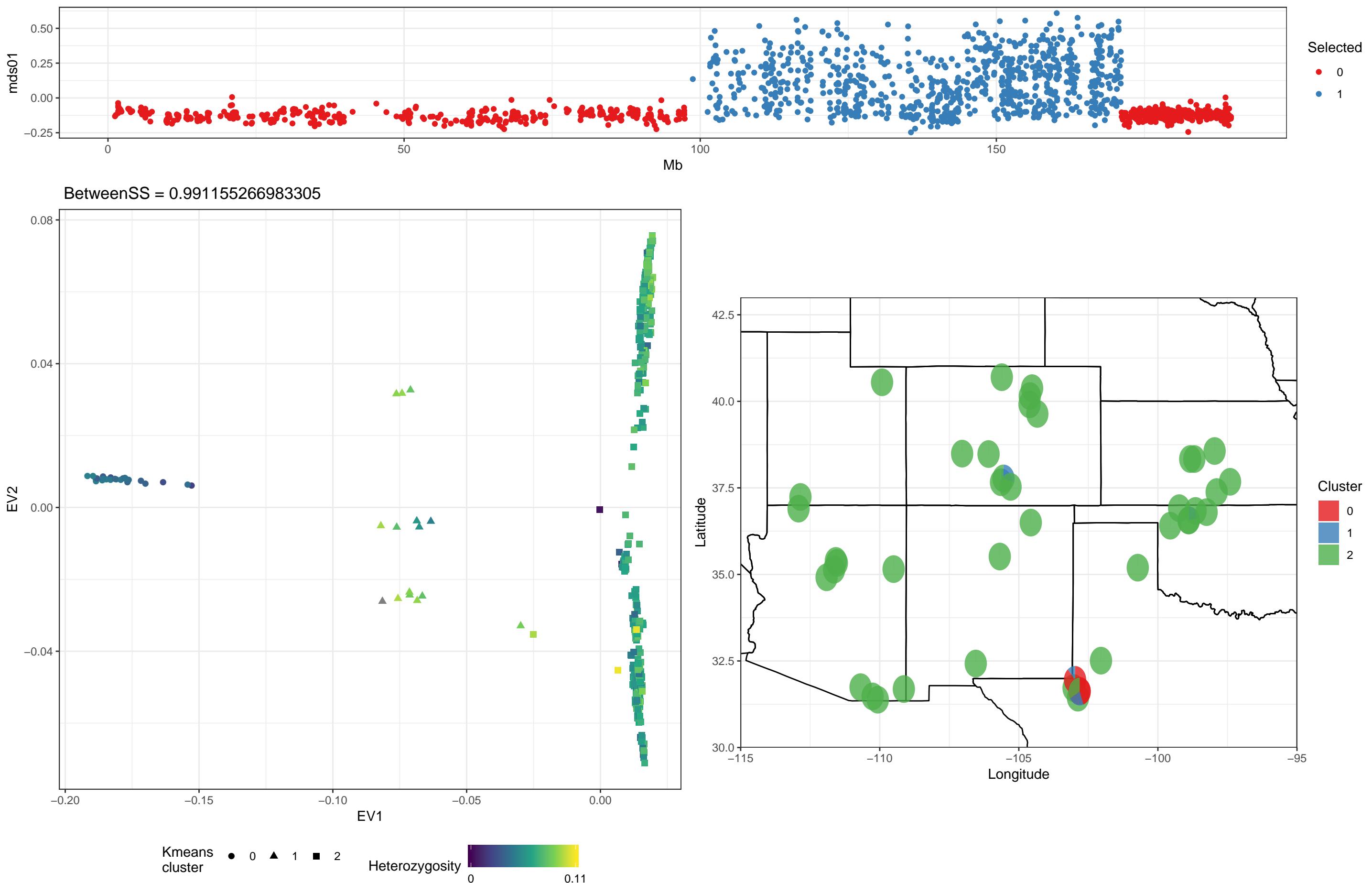
Kmeans
cluster

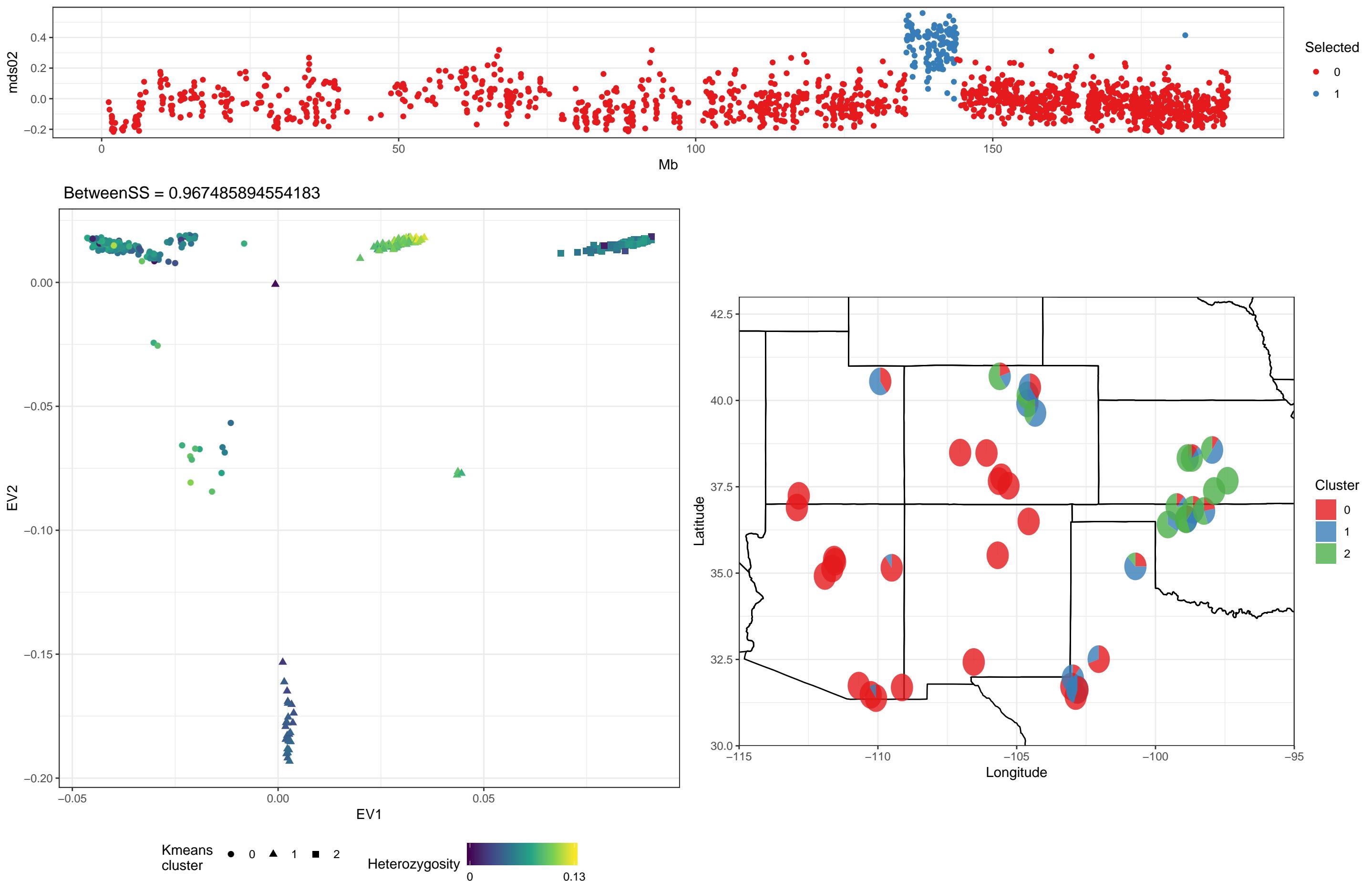
- 0
- ▲ 1
- 2

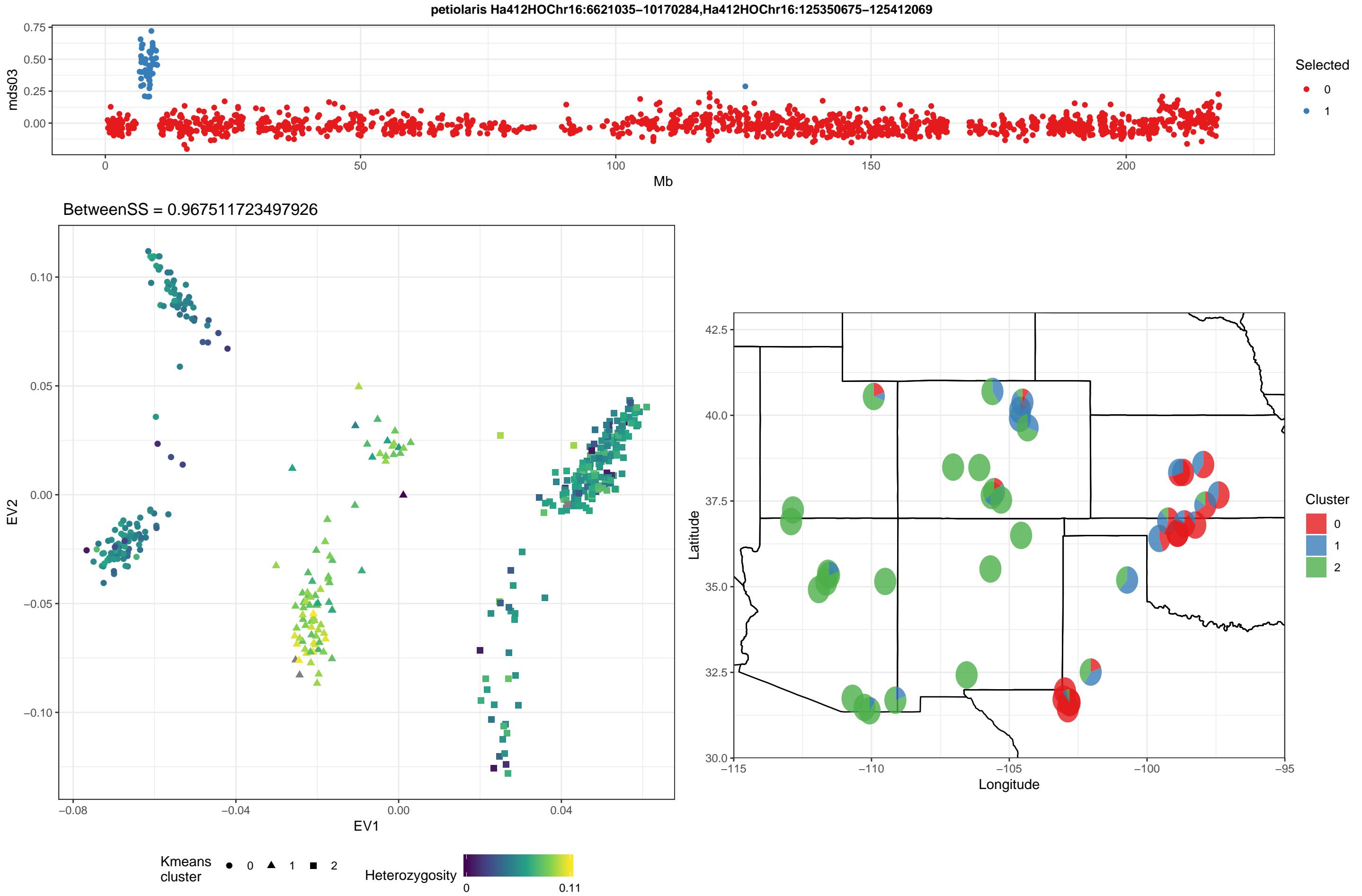
Heterozygosity

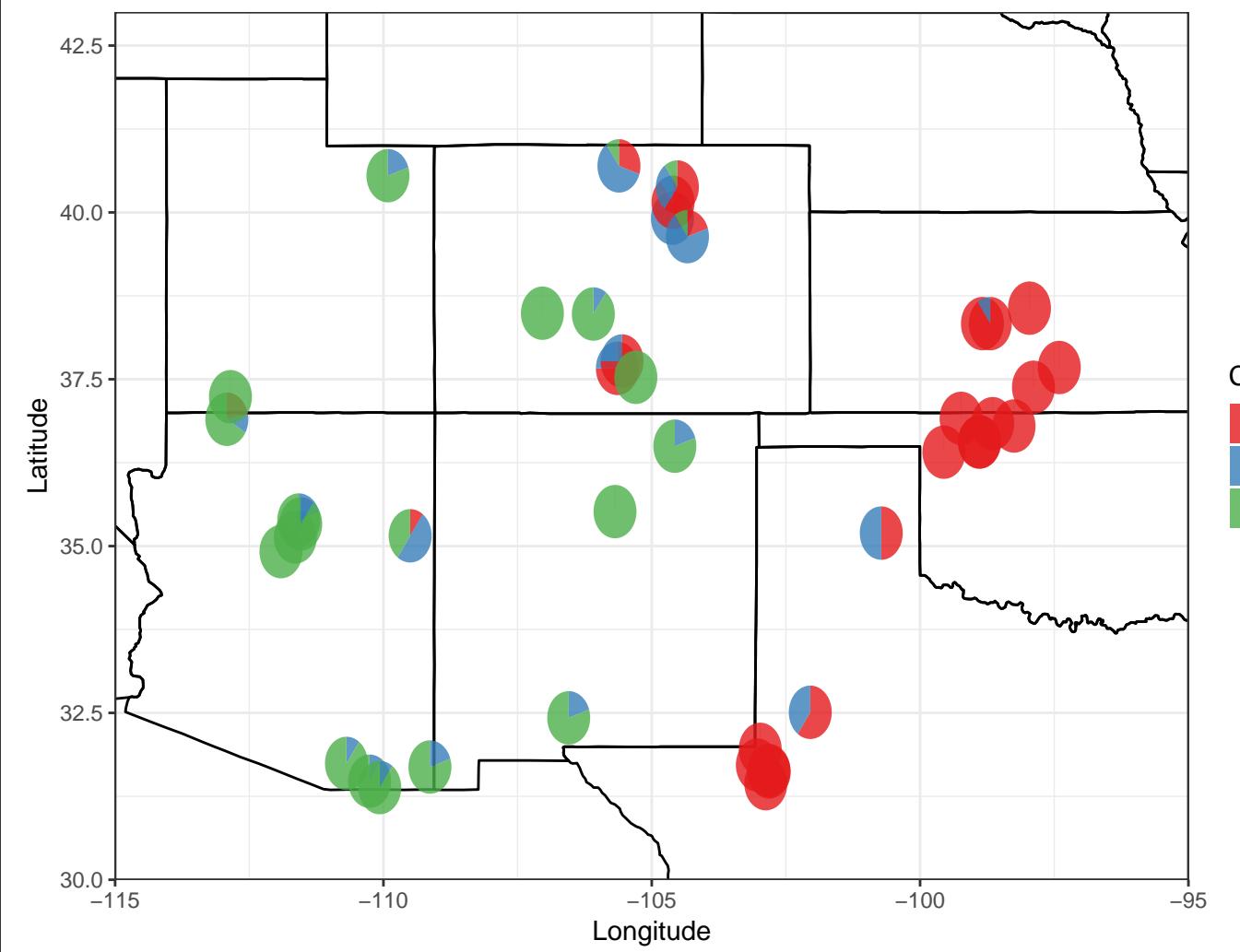
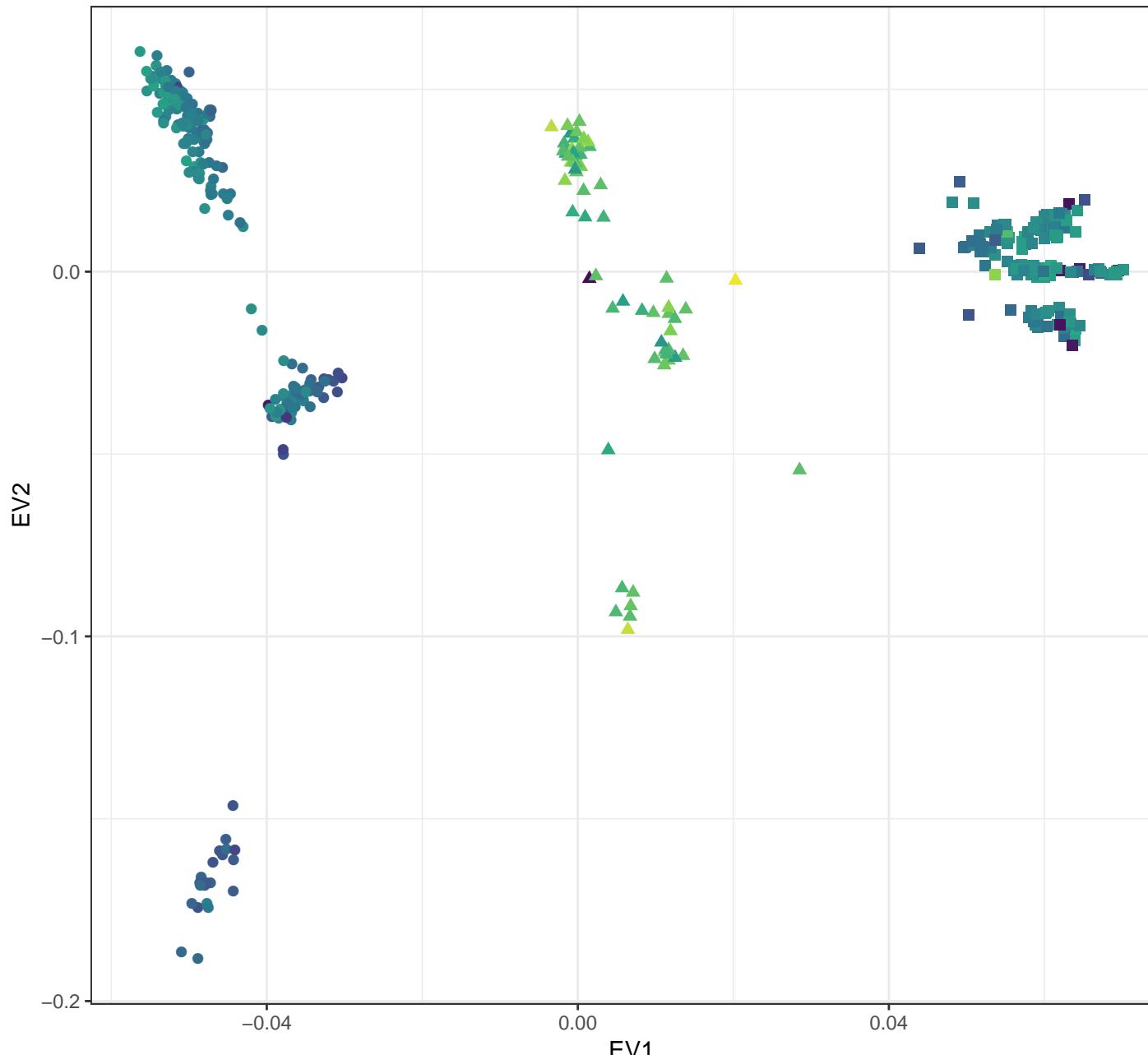
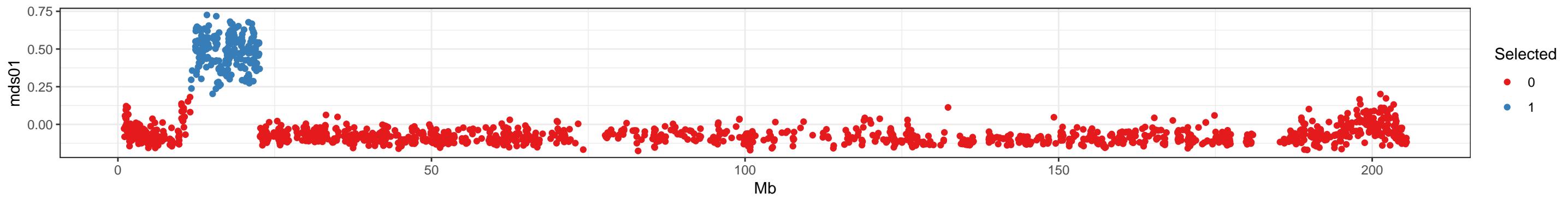


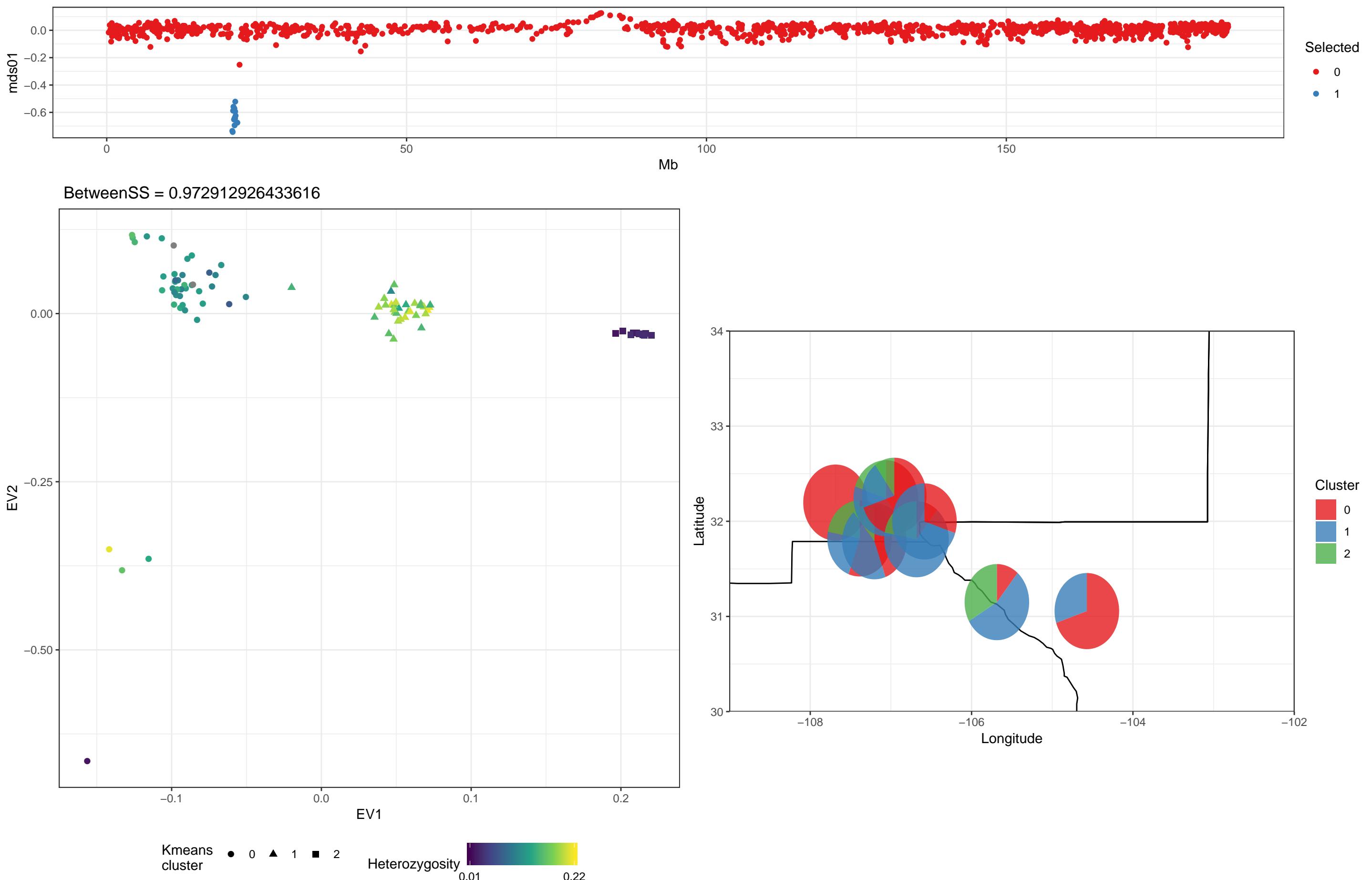


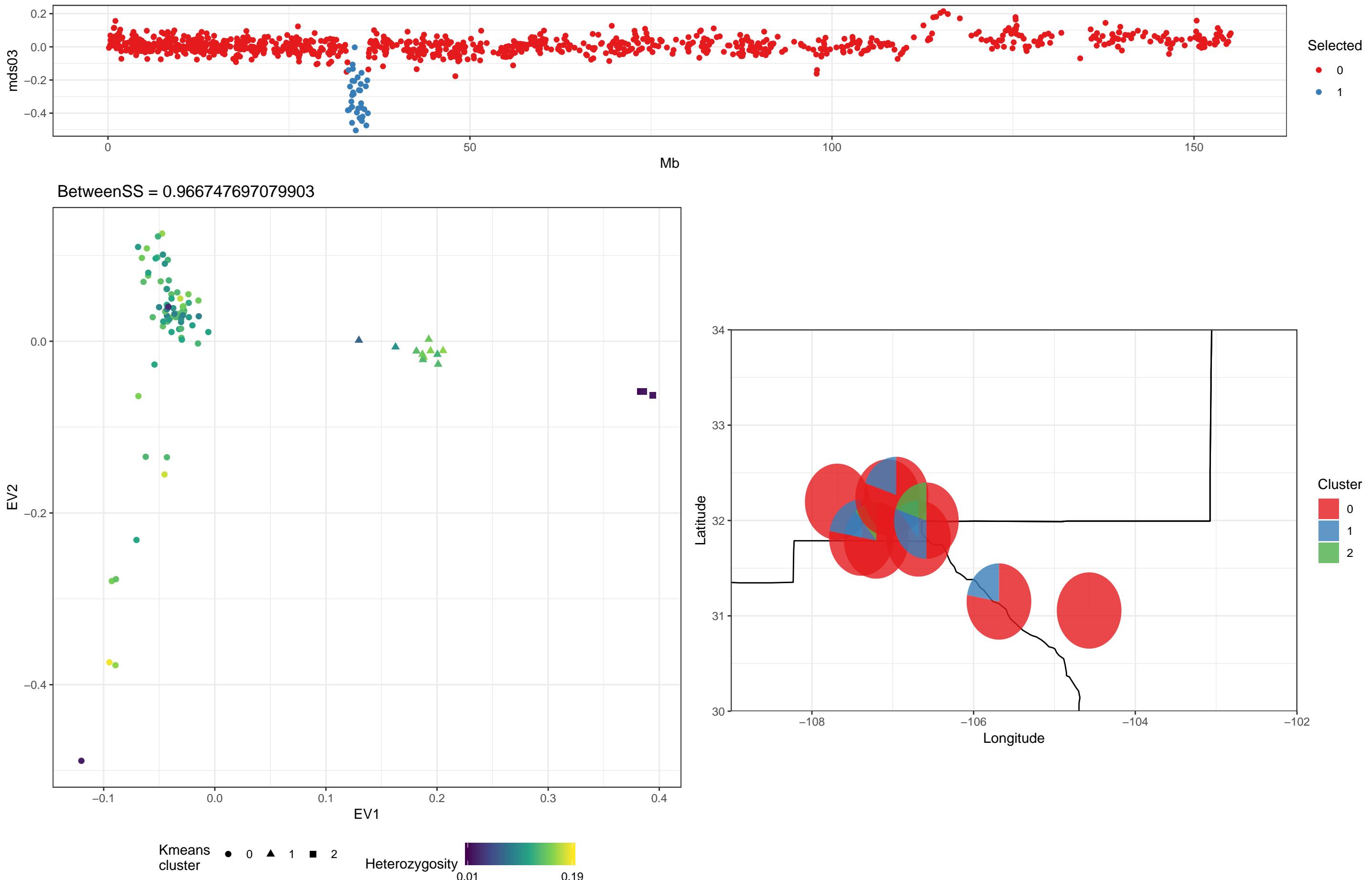


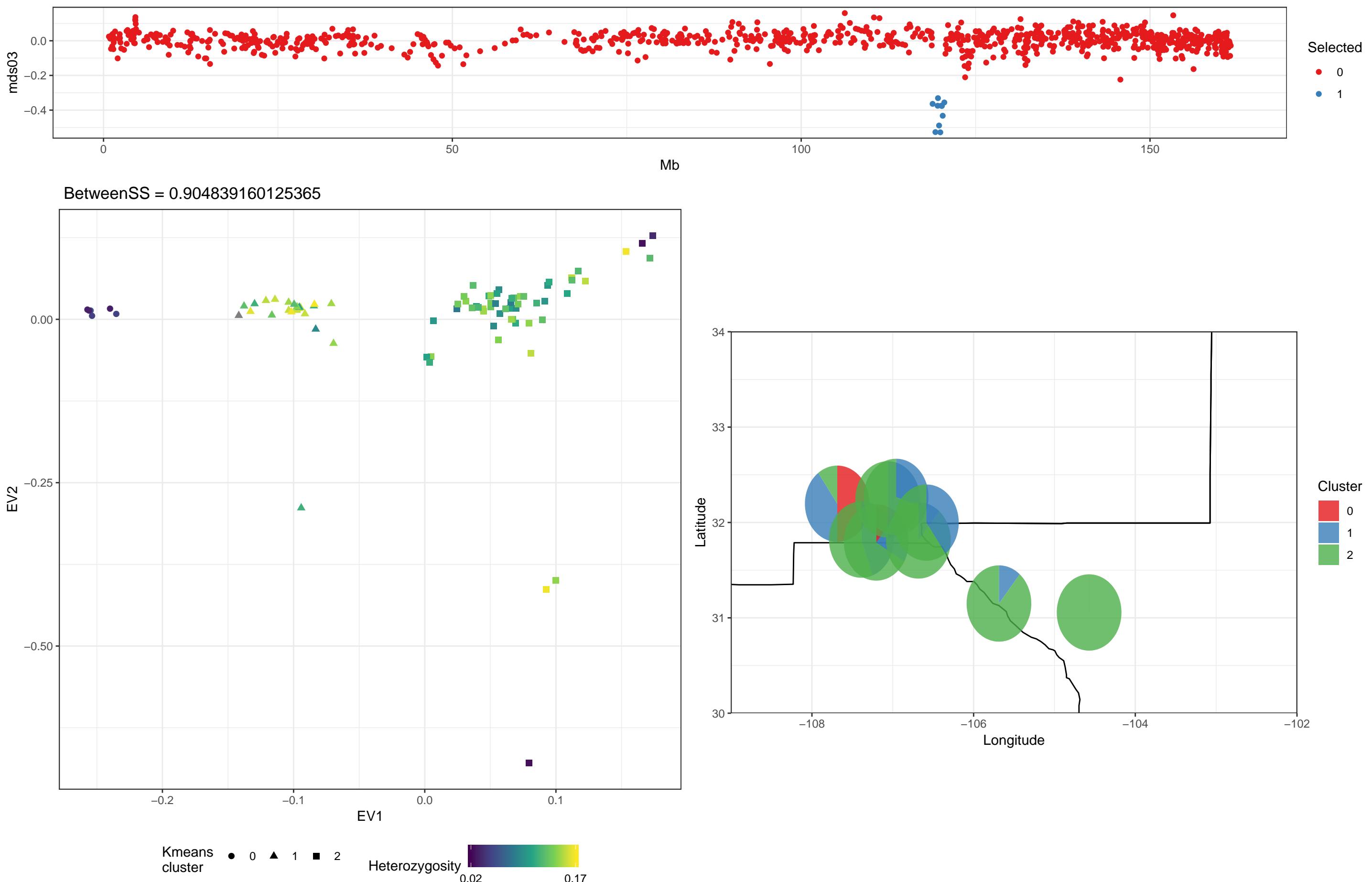


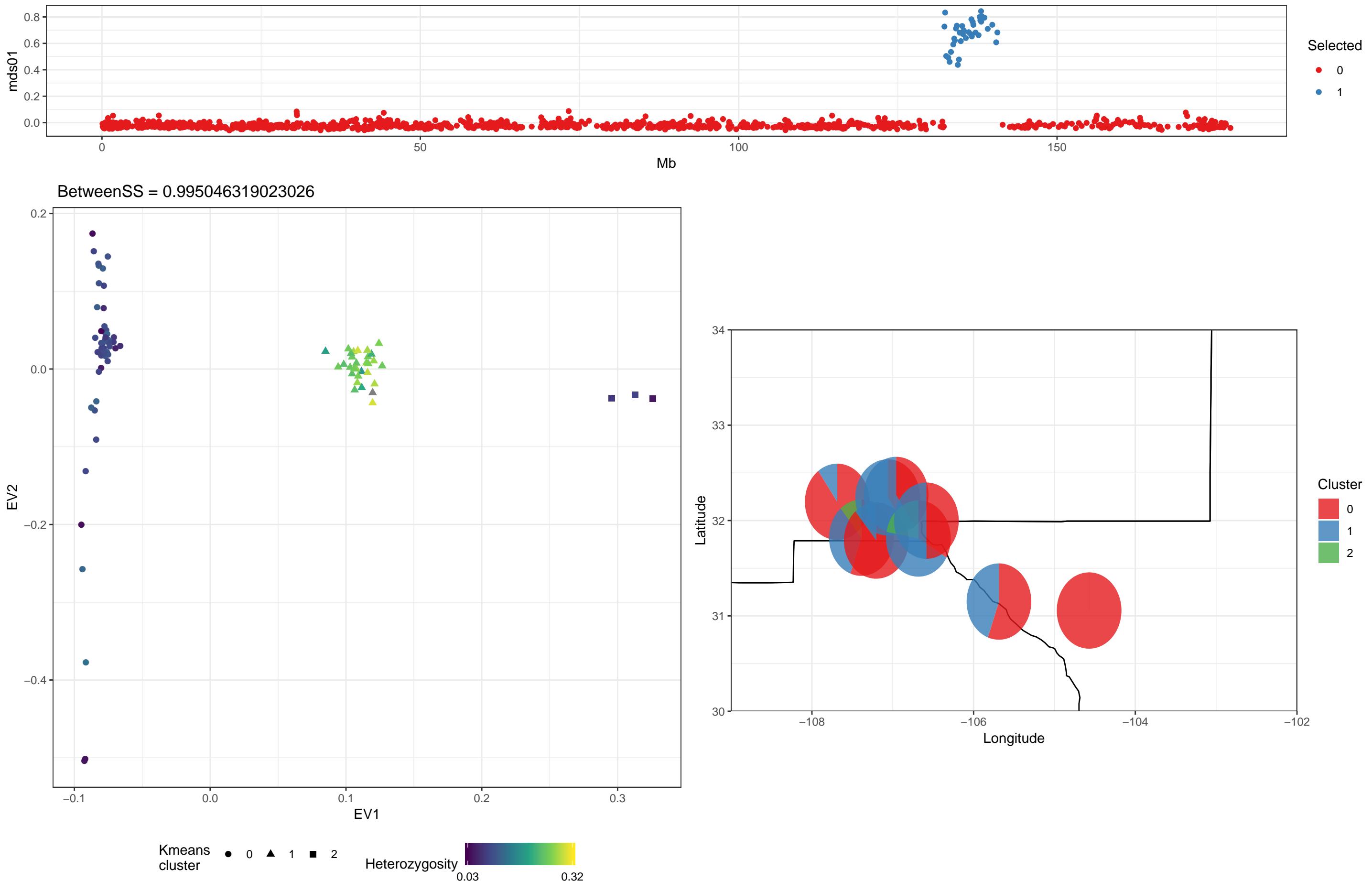


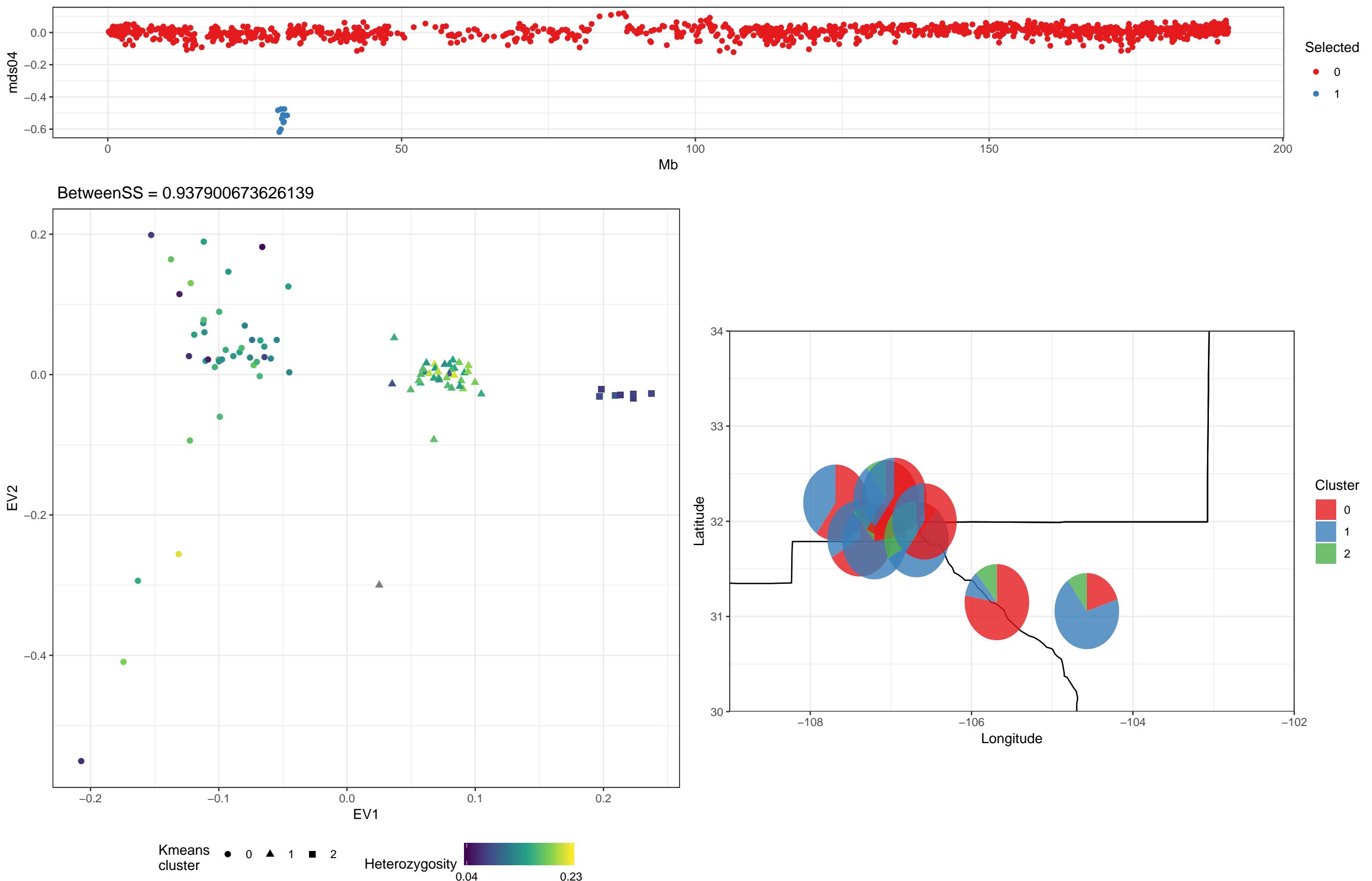




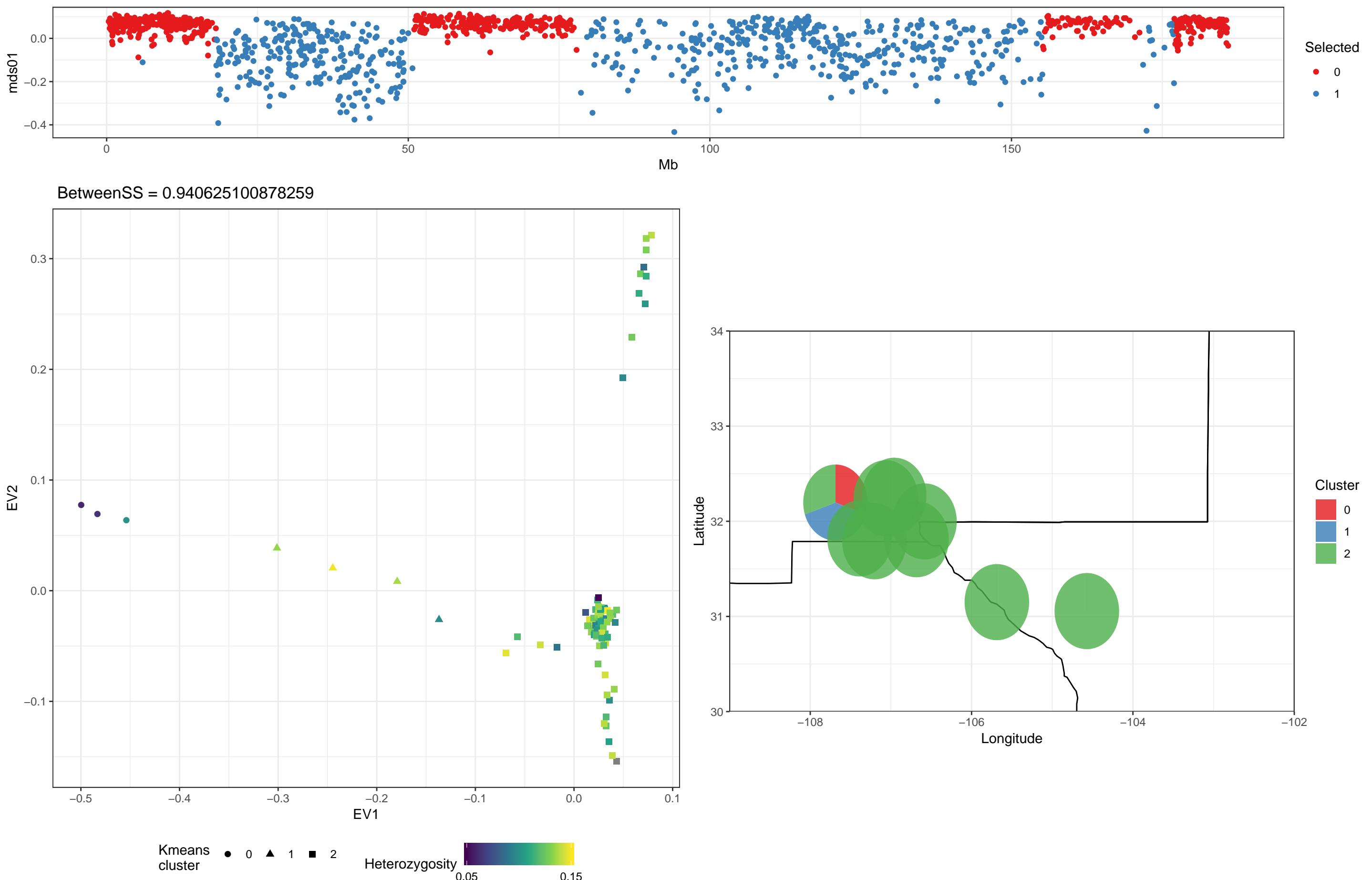


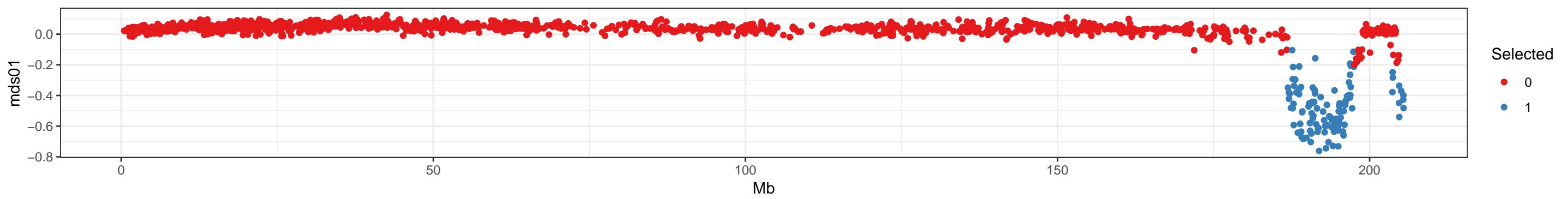




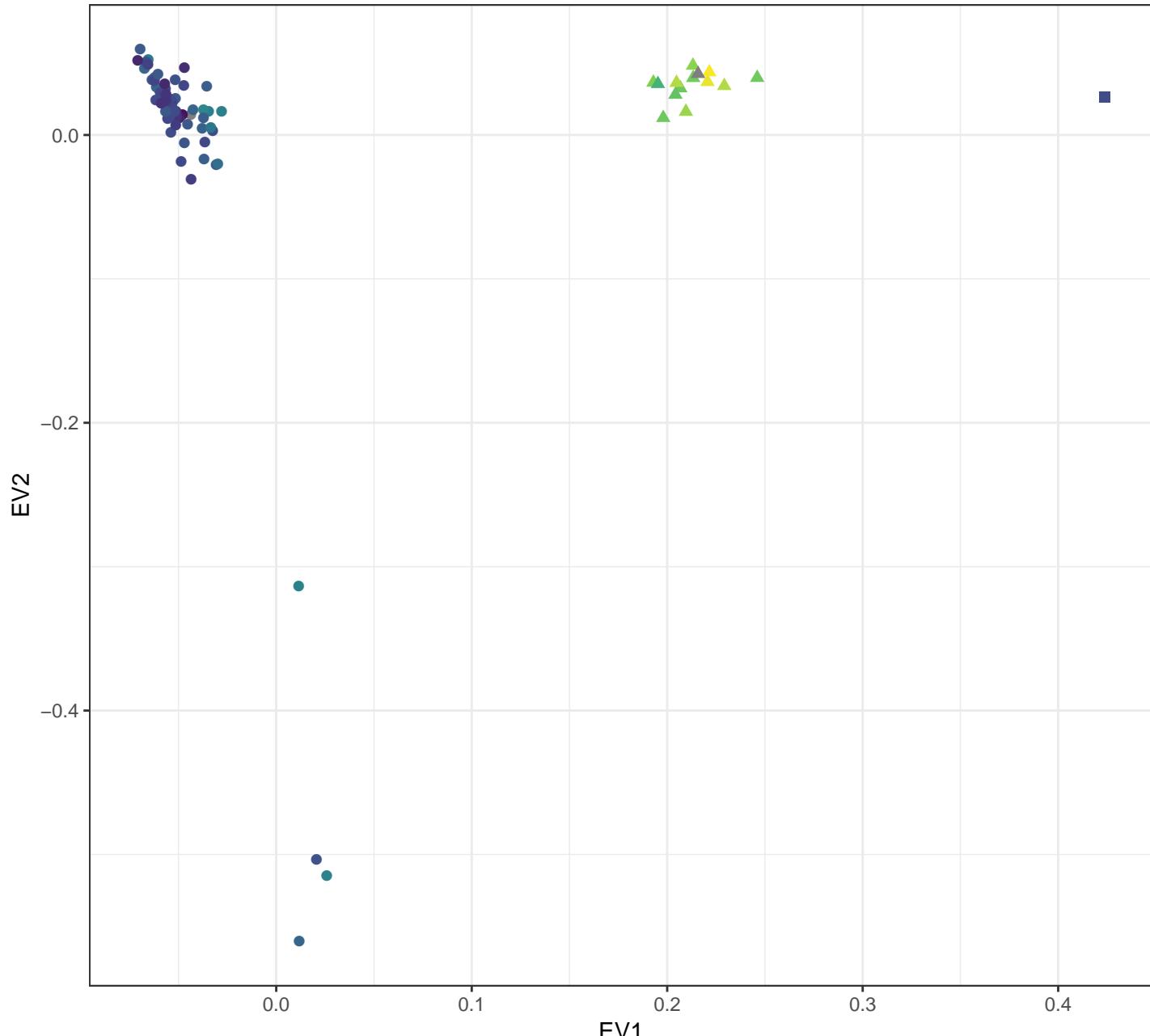


niveus Ha412HOChr15:5965344–5975572,Ha412HOChr15:18177505–50849323,Ha412HOChr15:78248653–155222079,Ha412HOChr15:171575373–176990035





BetweenSS = 0.972319754224091



Kmeans
cluster

● 0 ▲ 1 ■ 2

Heterozygosity

0.05 0.25

