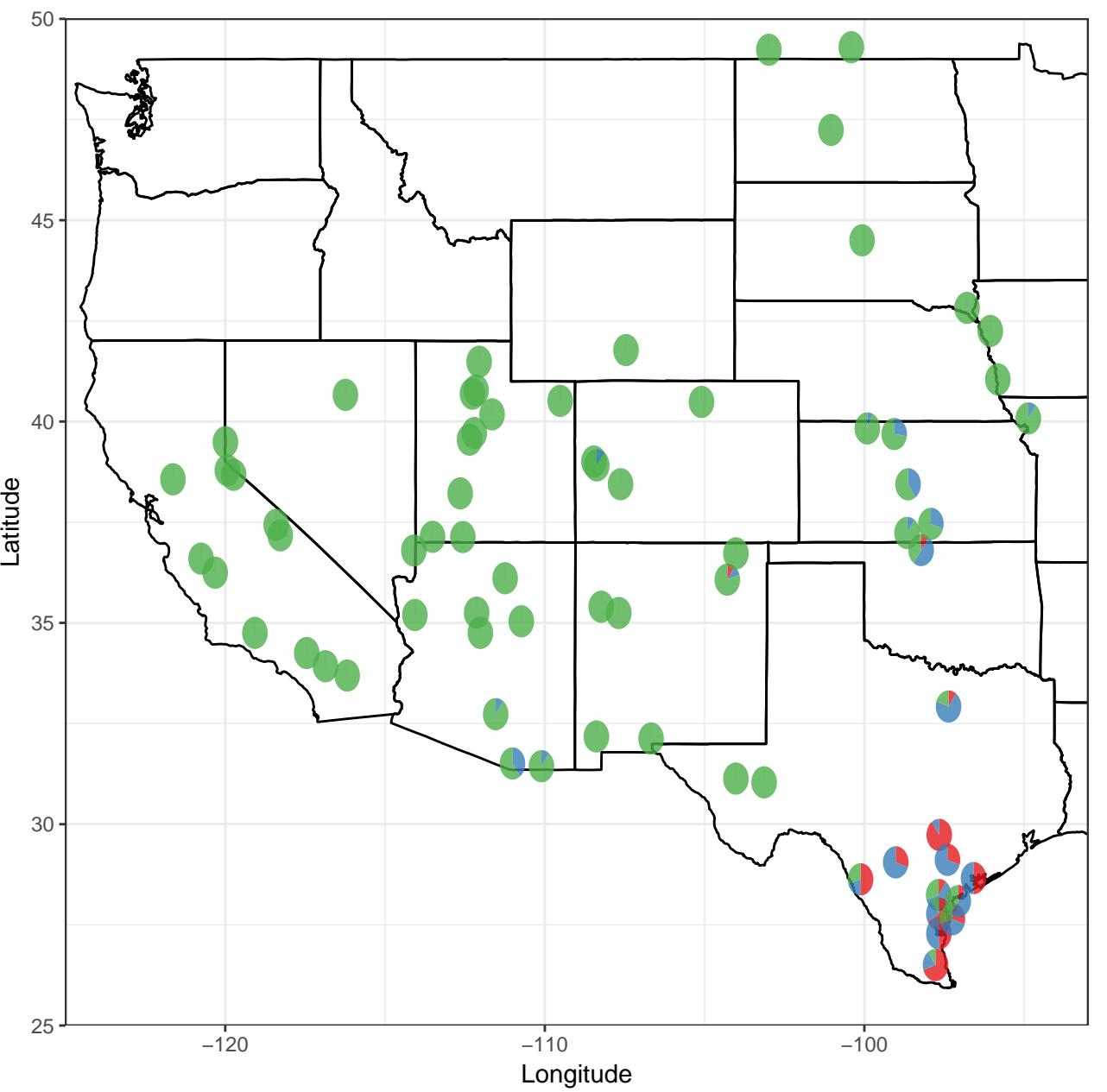
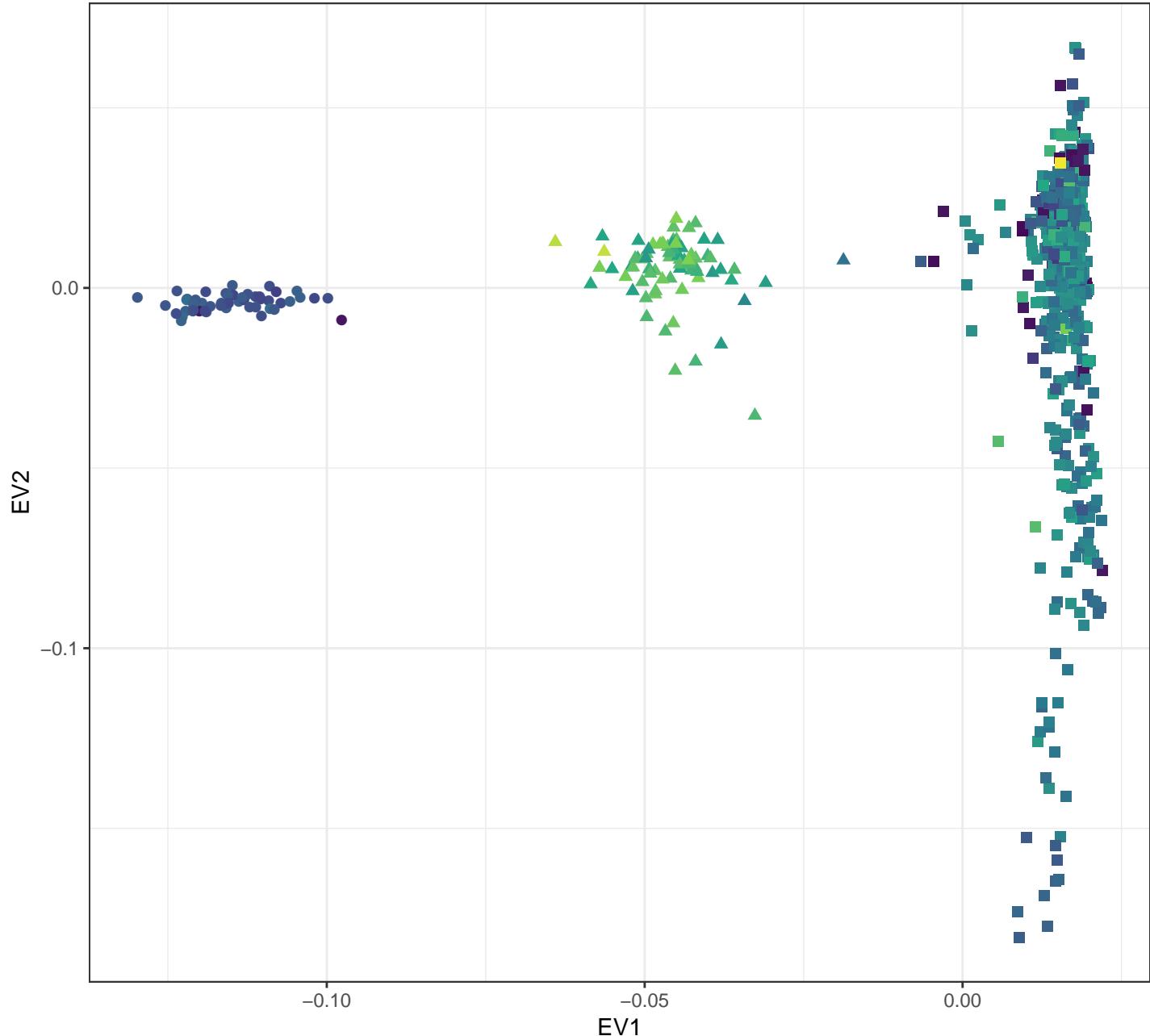


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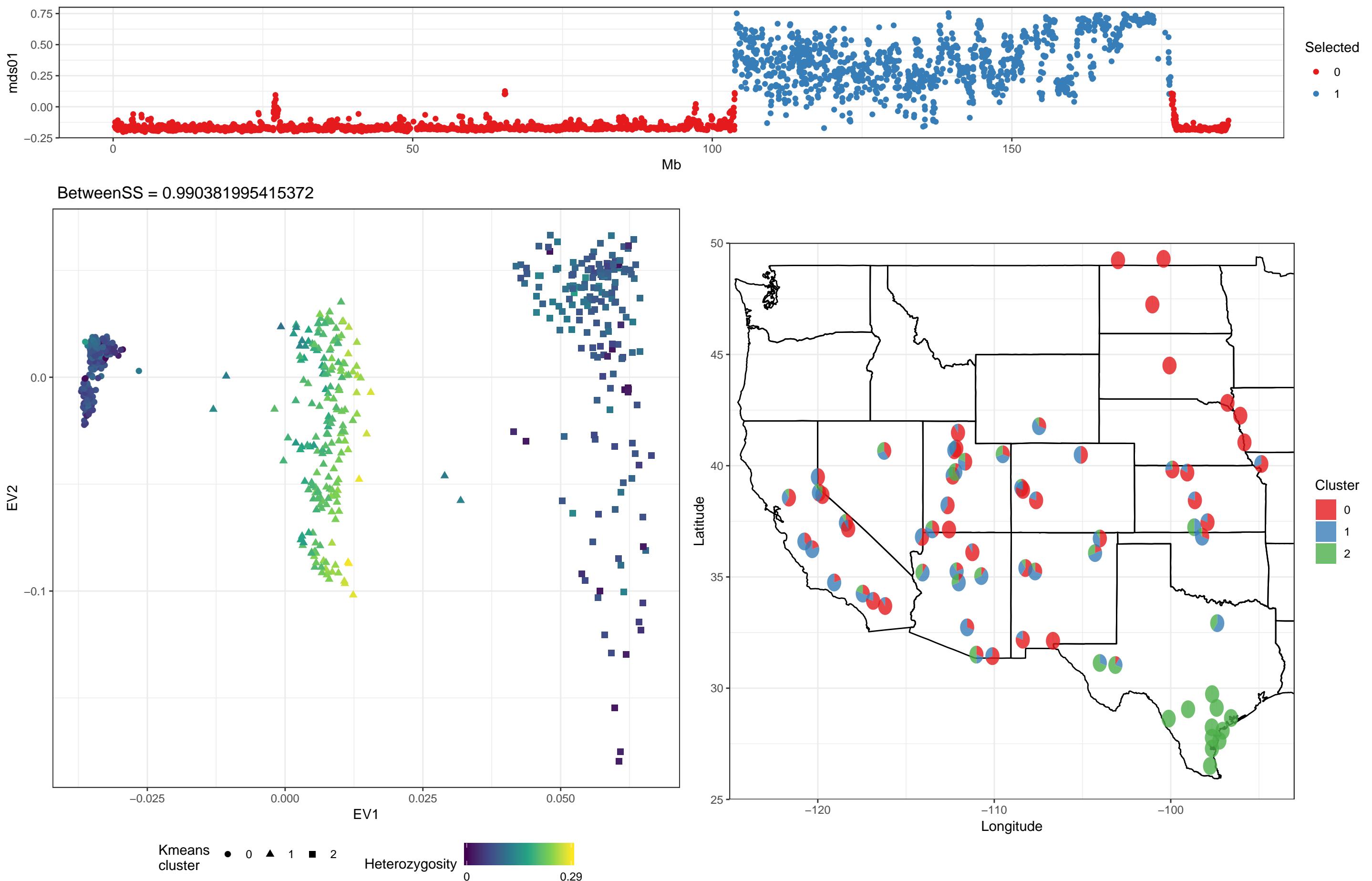


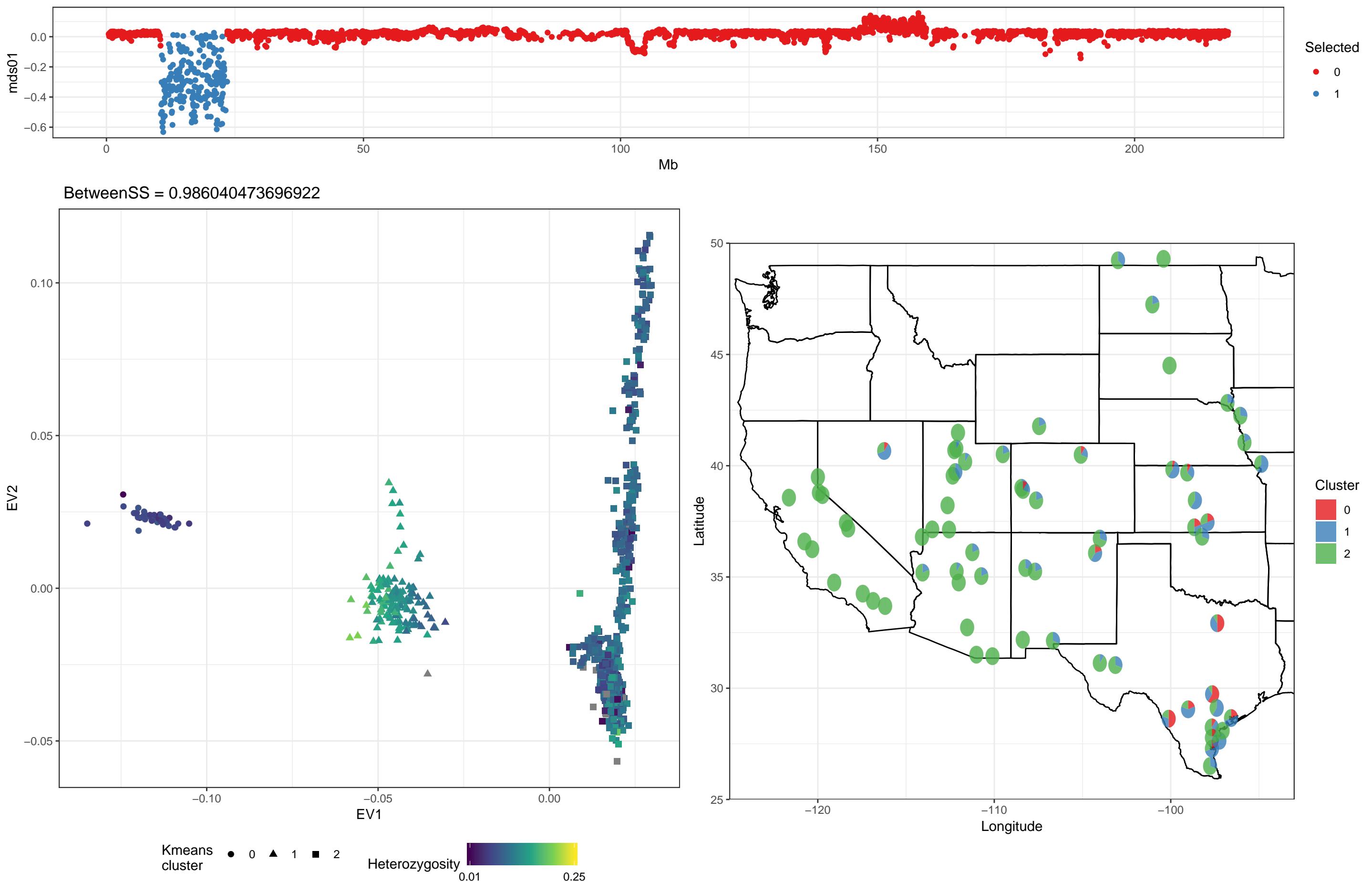
Kmeans cluster

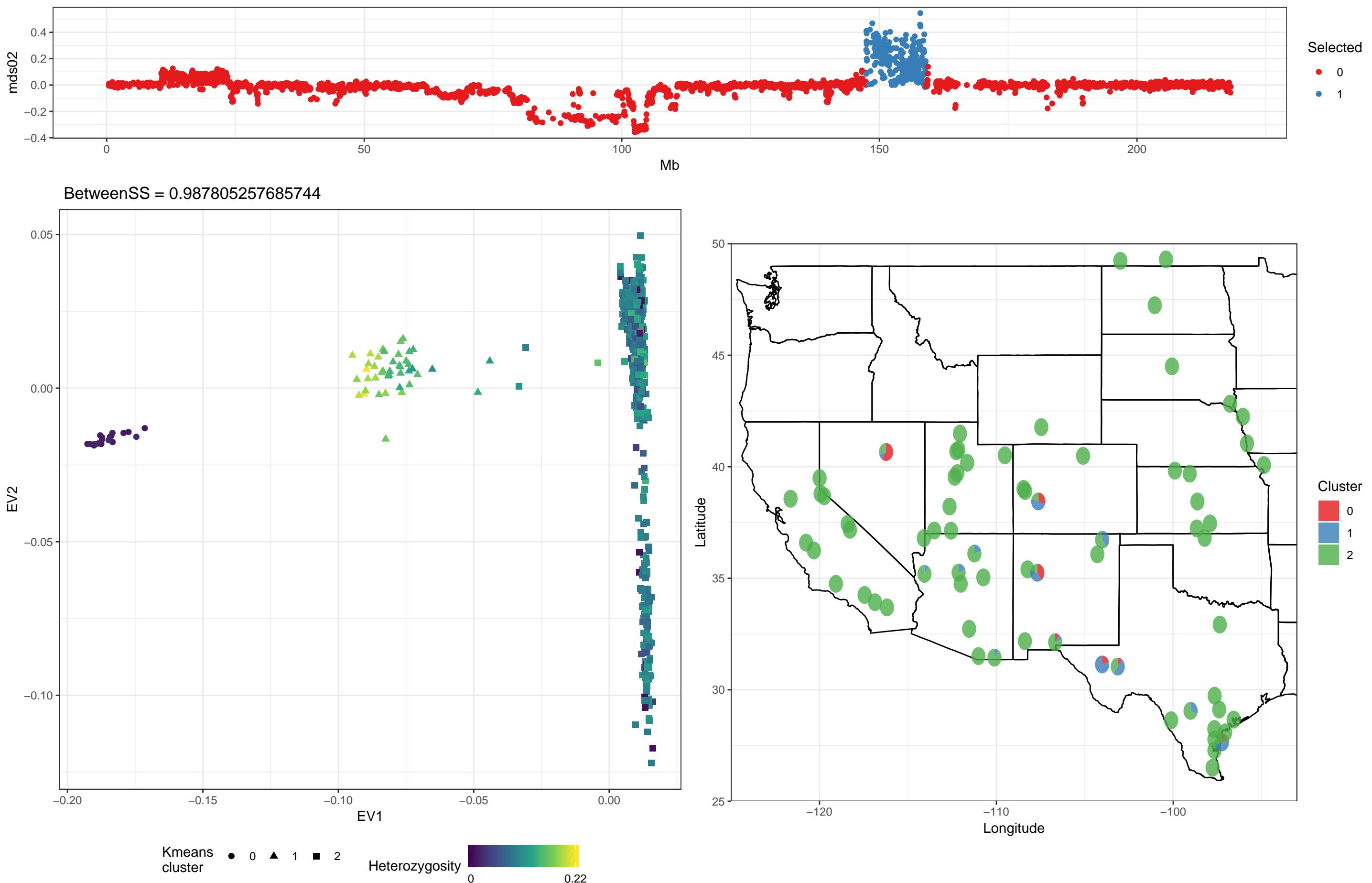
● 0 ▲ 1 ■

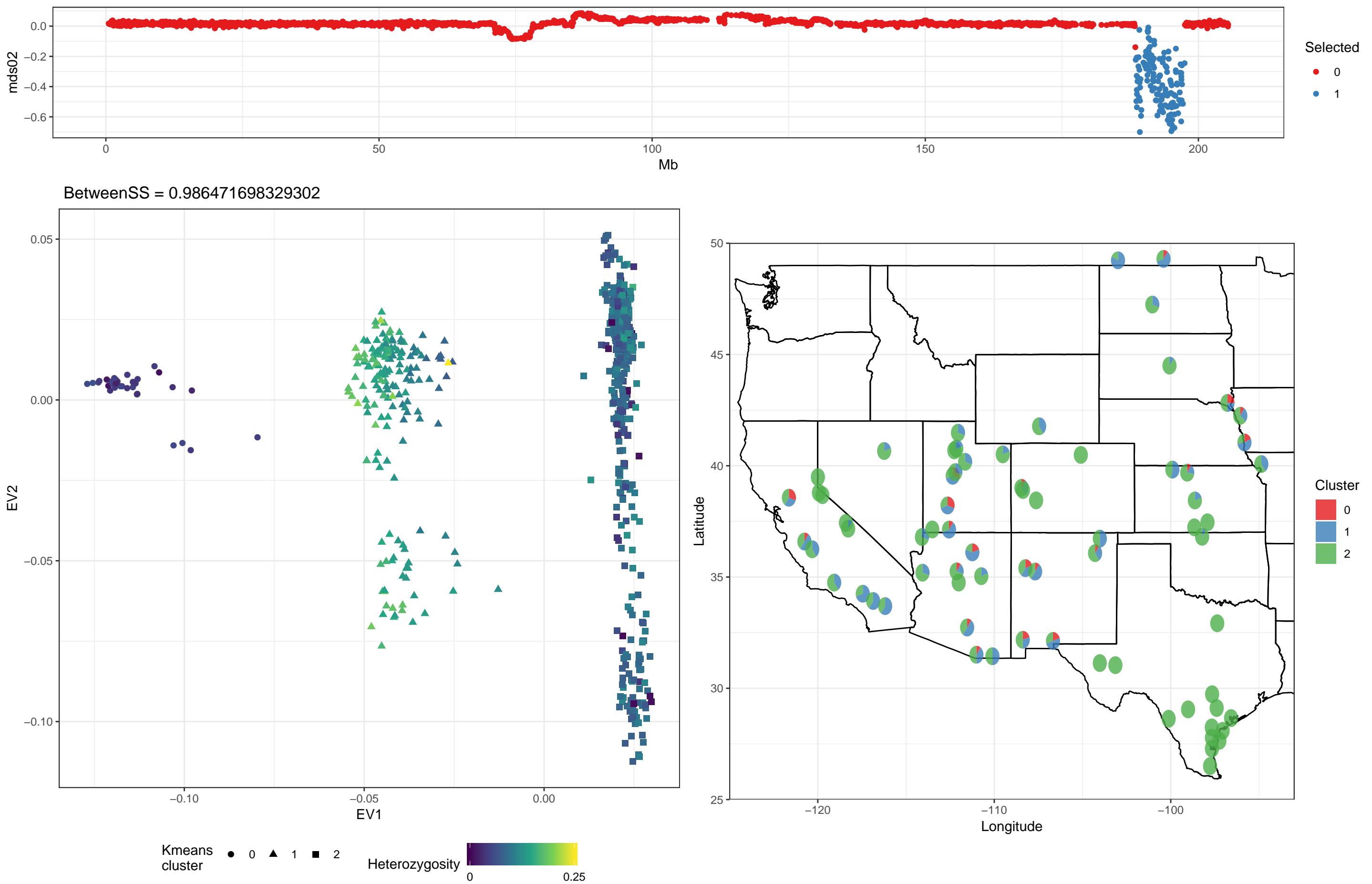
Heterozygosity

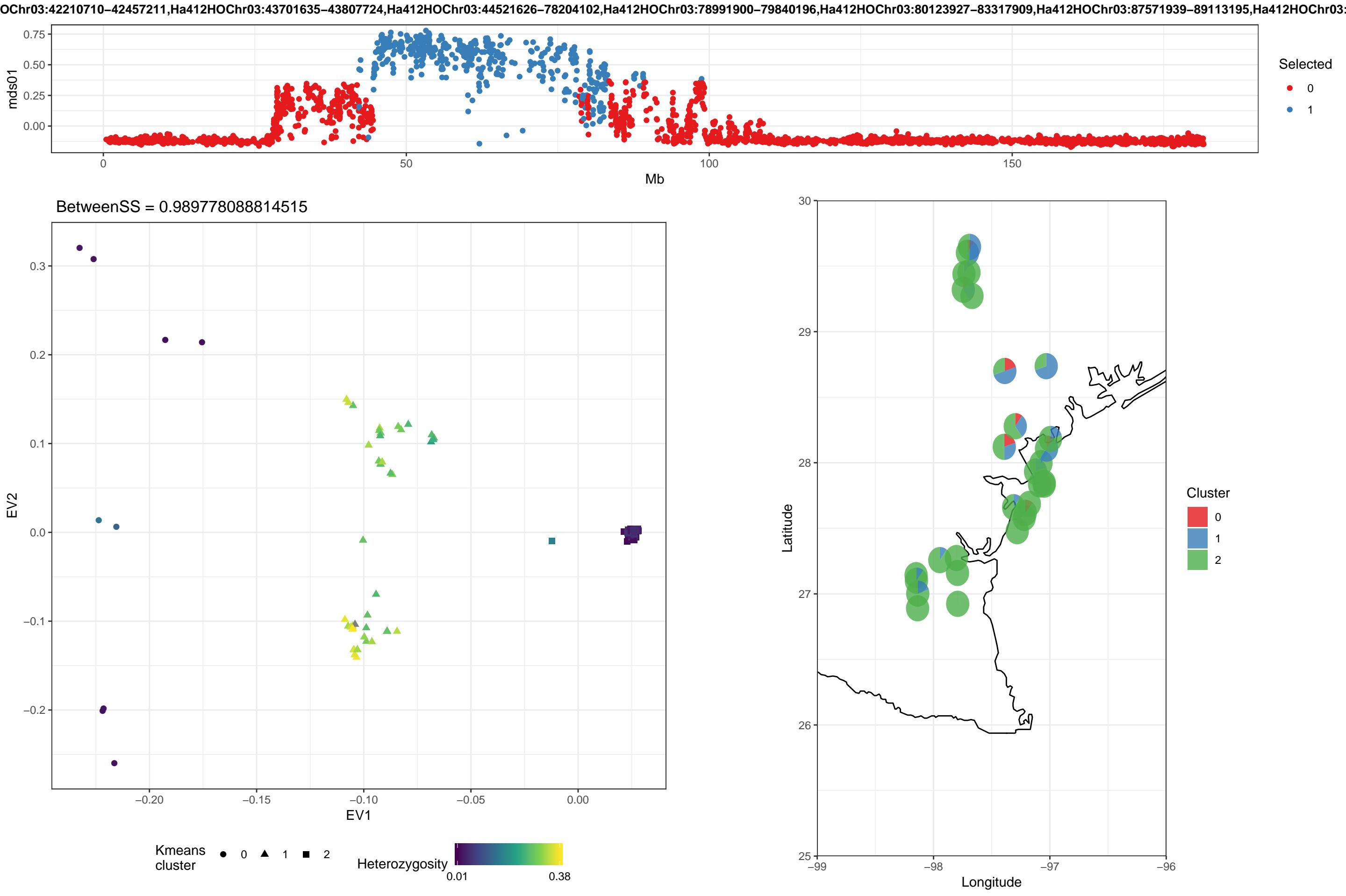
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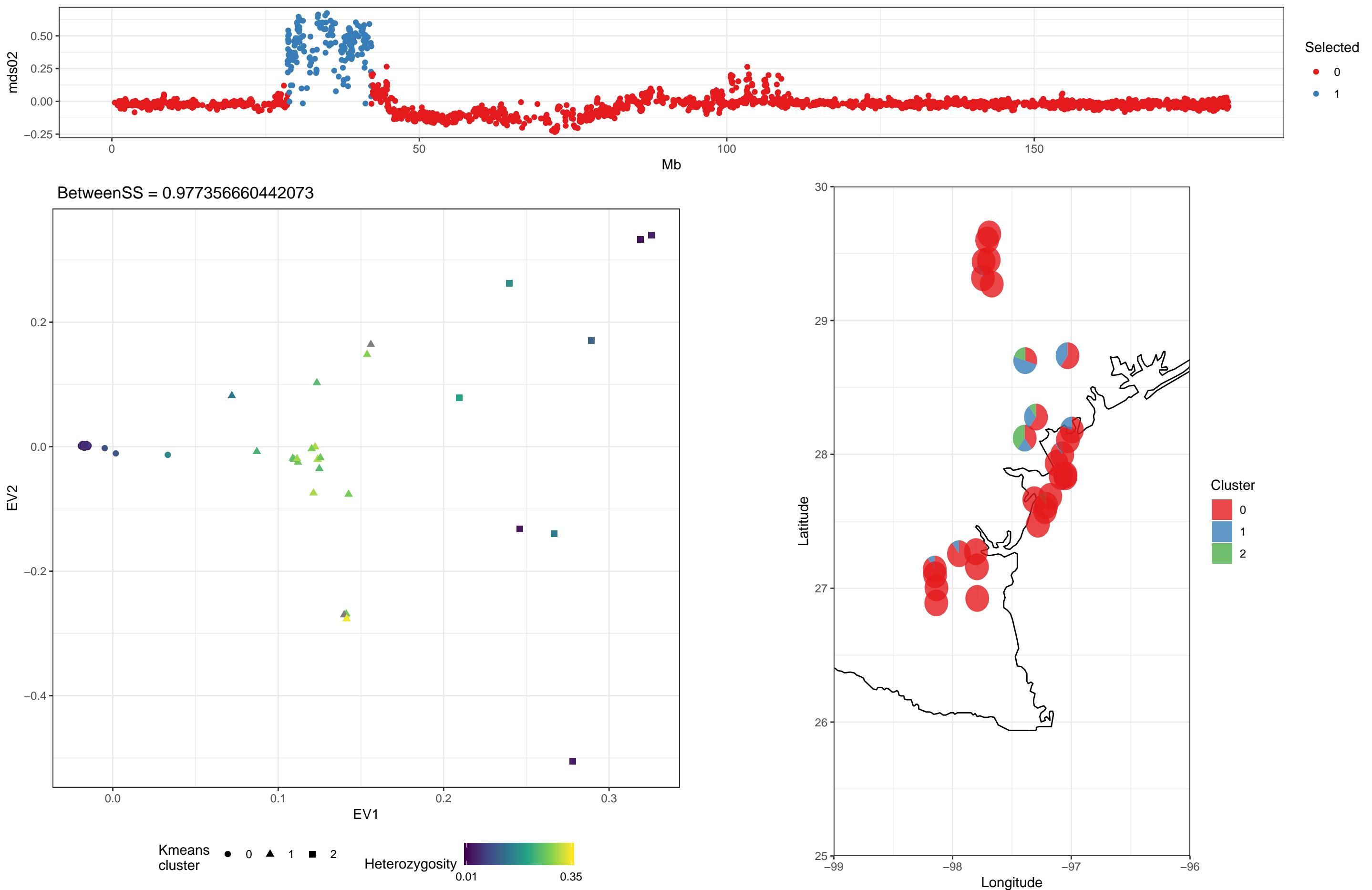




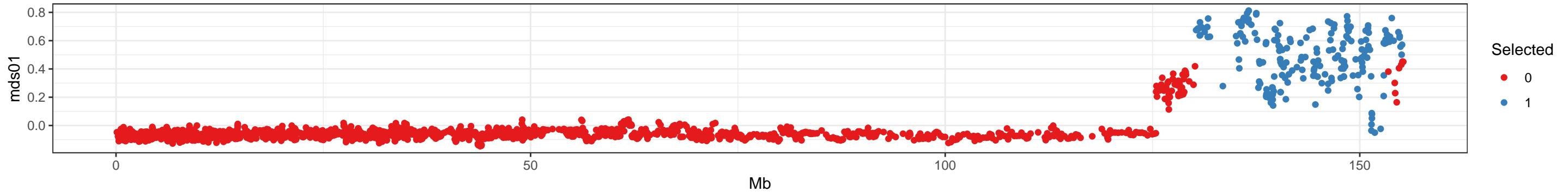




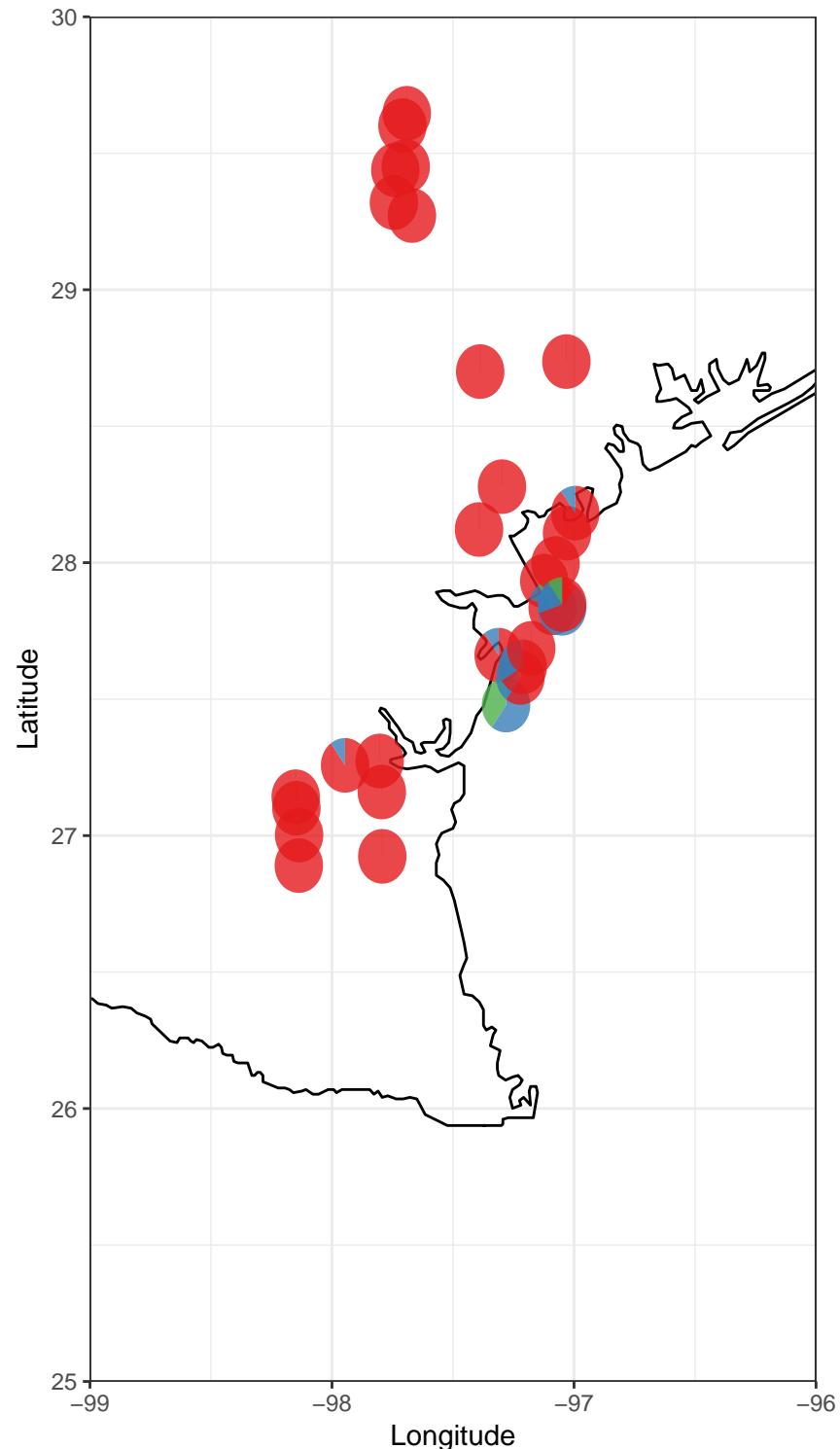
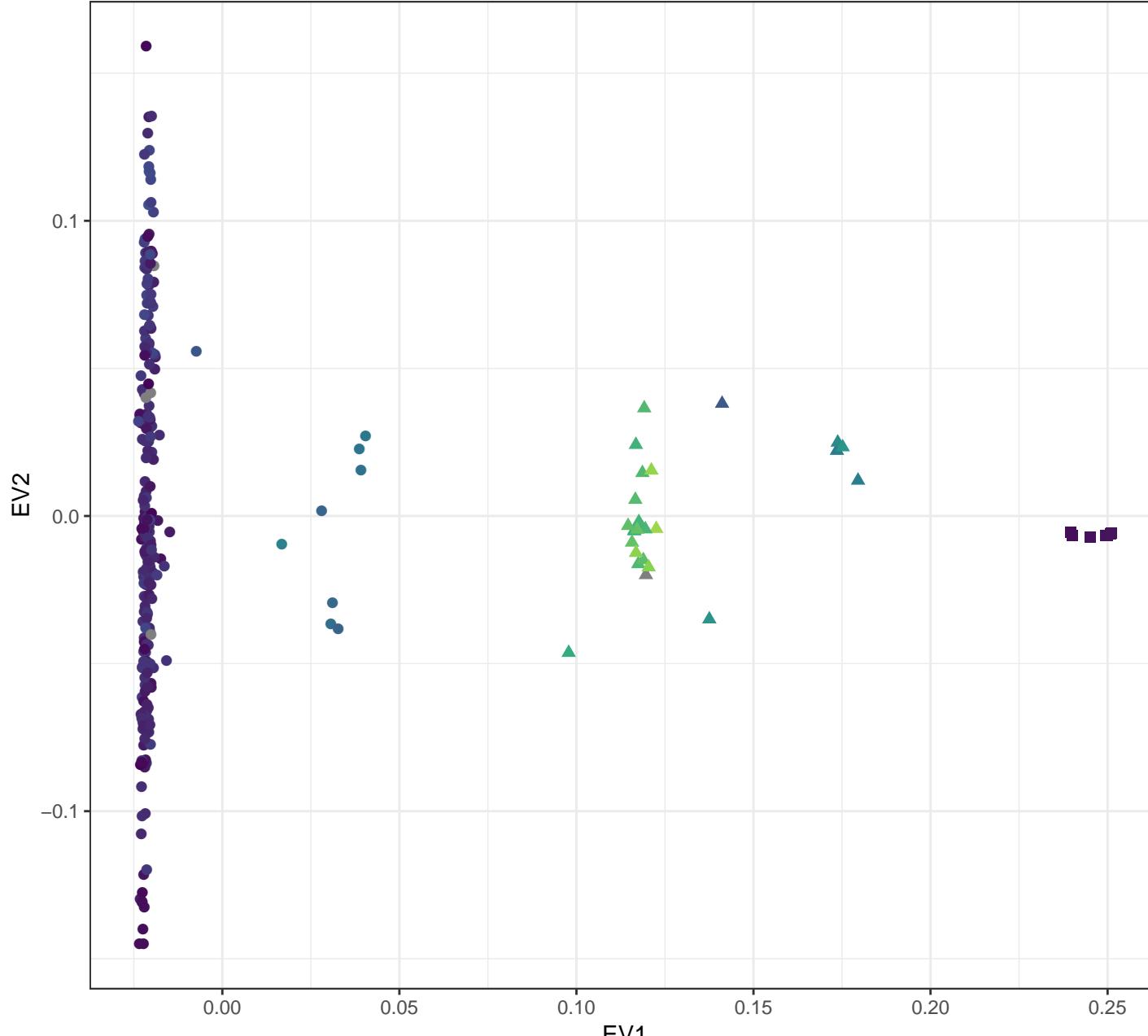


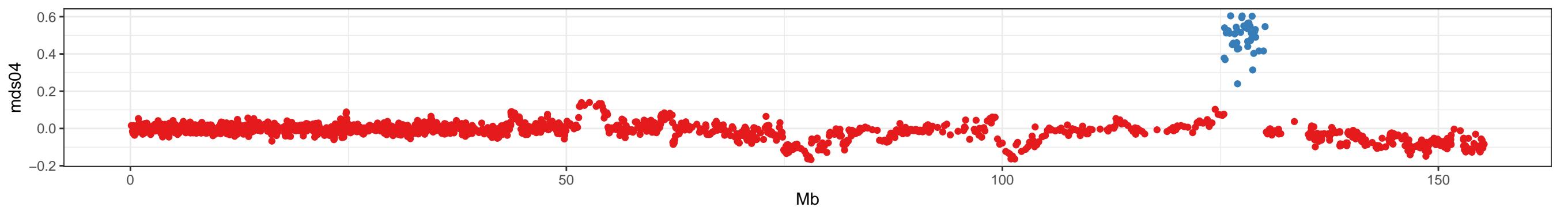


arqophyllus Ha412HOChr06:130156472–153317127, Ha412HOChr06:153577387–154165841, Ha412HOChr06:154632762–154682381, Ha412HOChr06:154786258–155011244, Ha412HOChr06:155018155–155128857

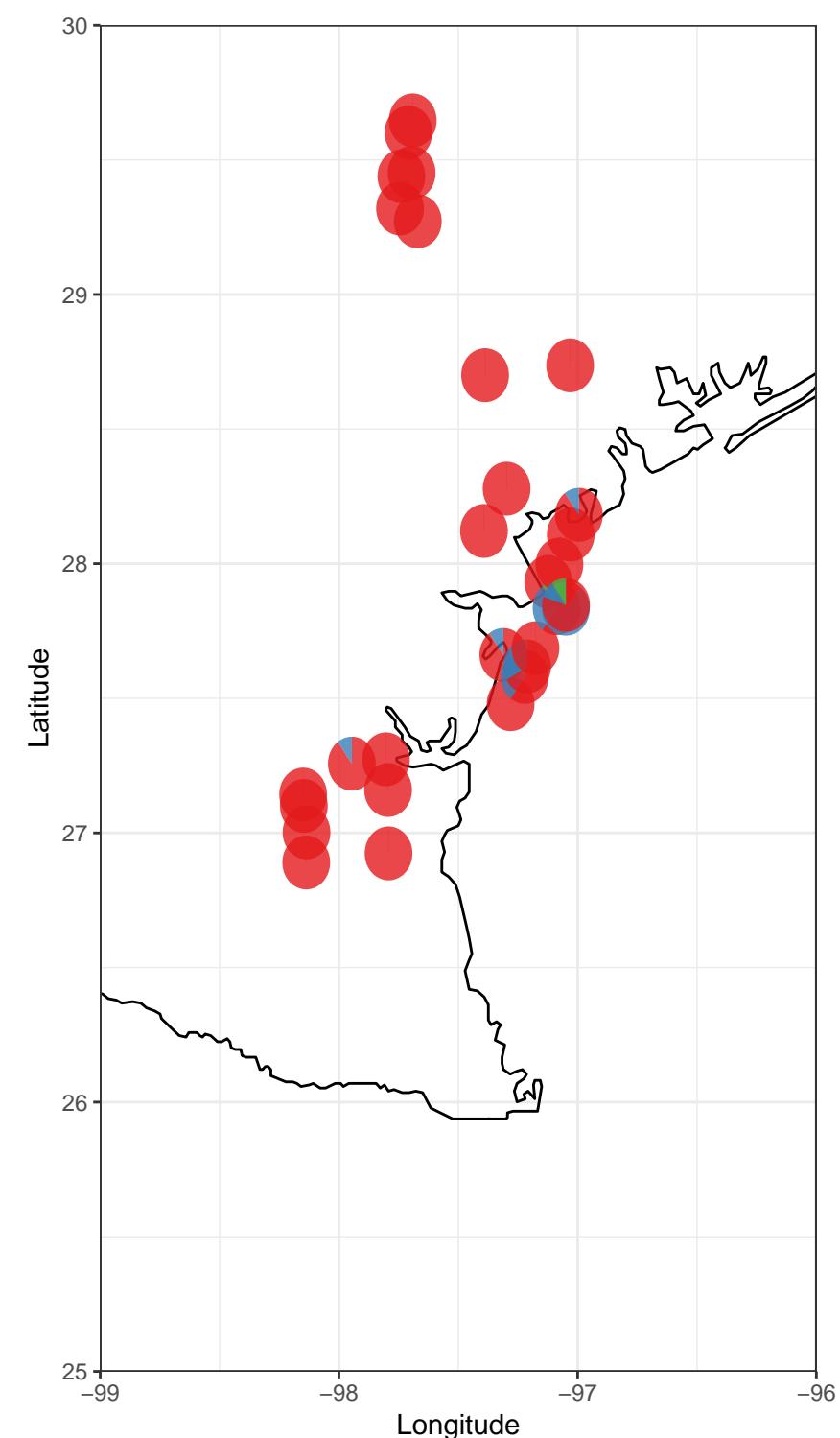
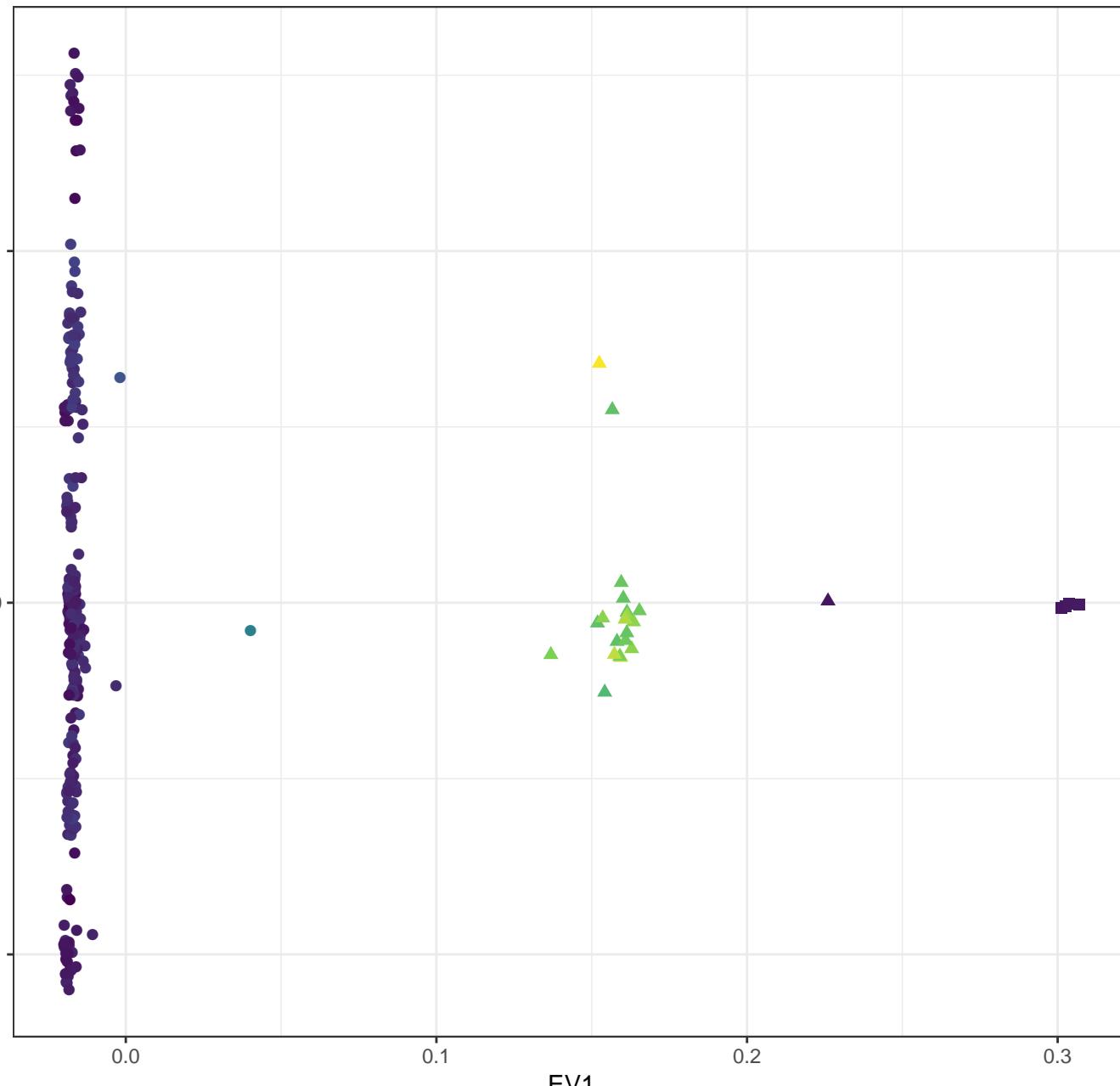


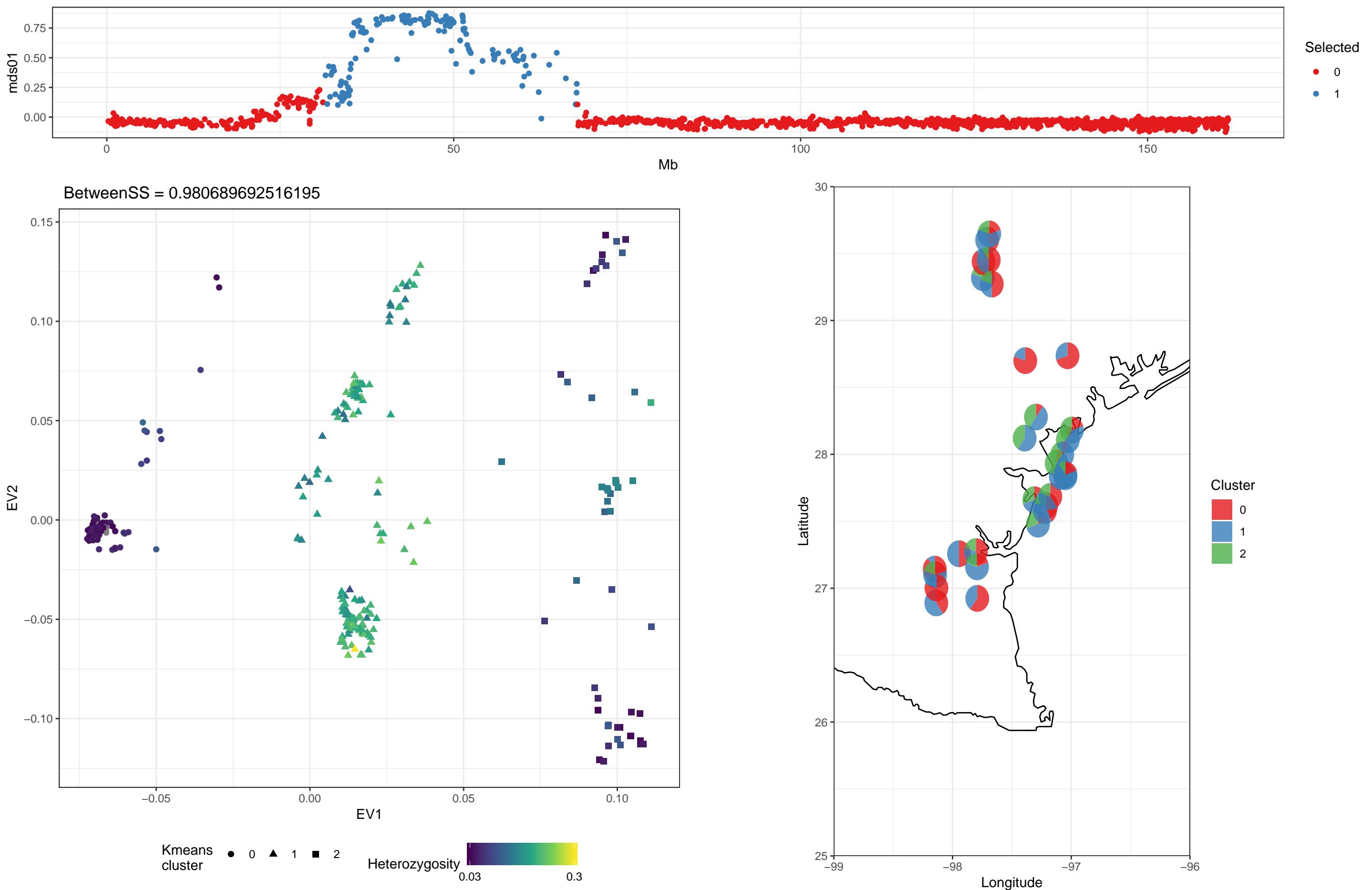
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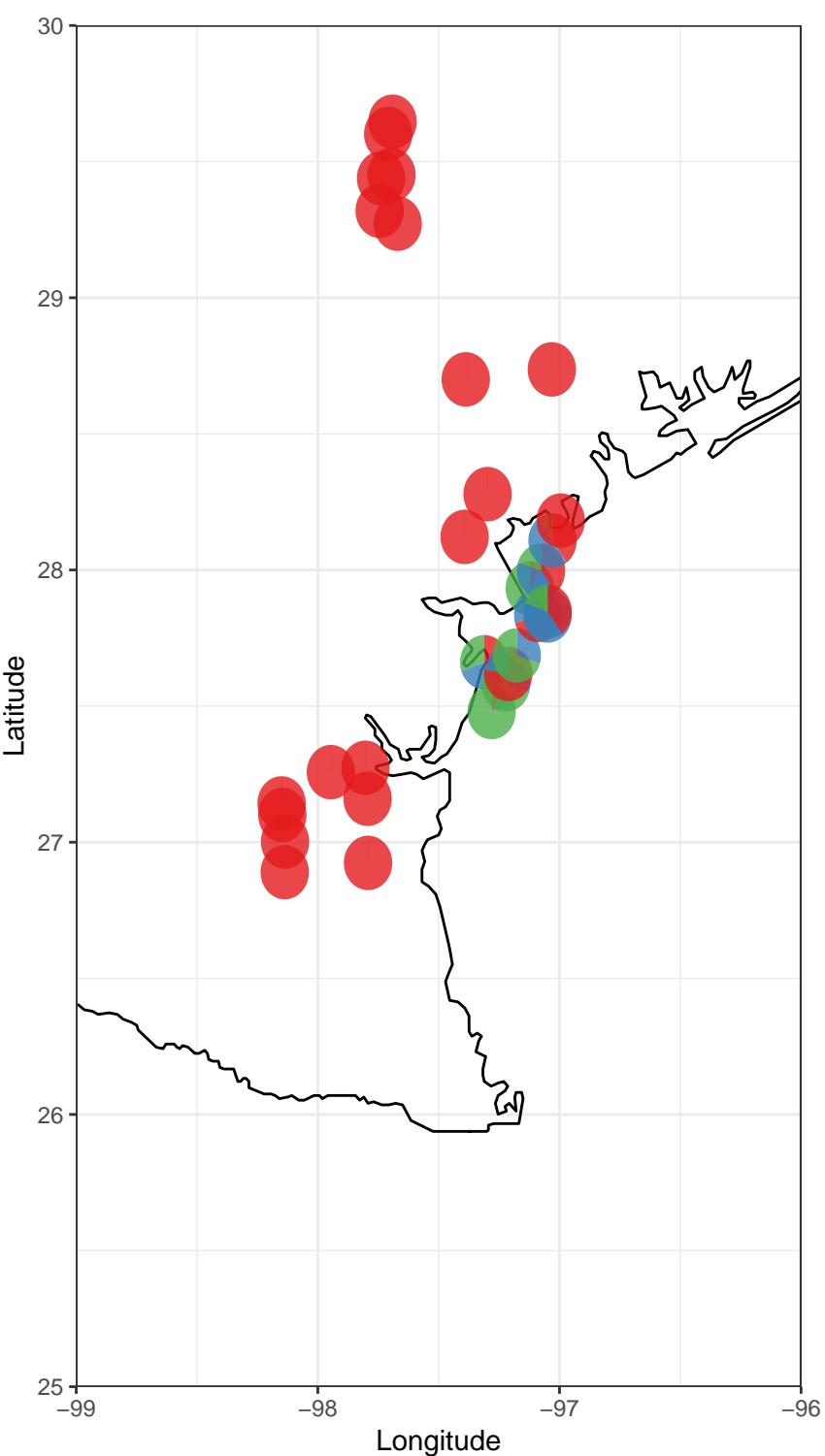
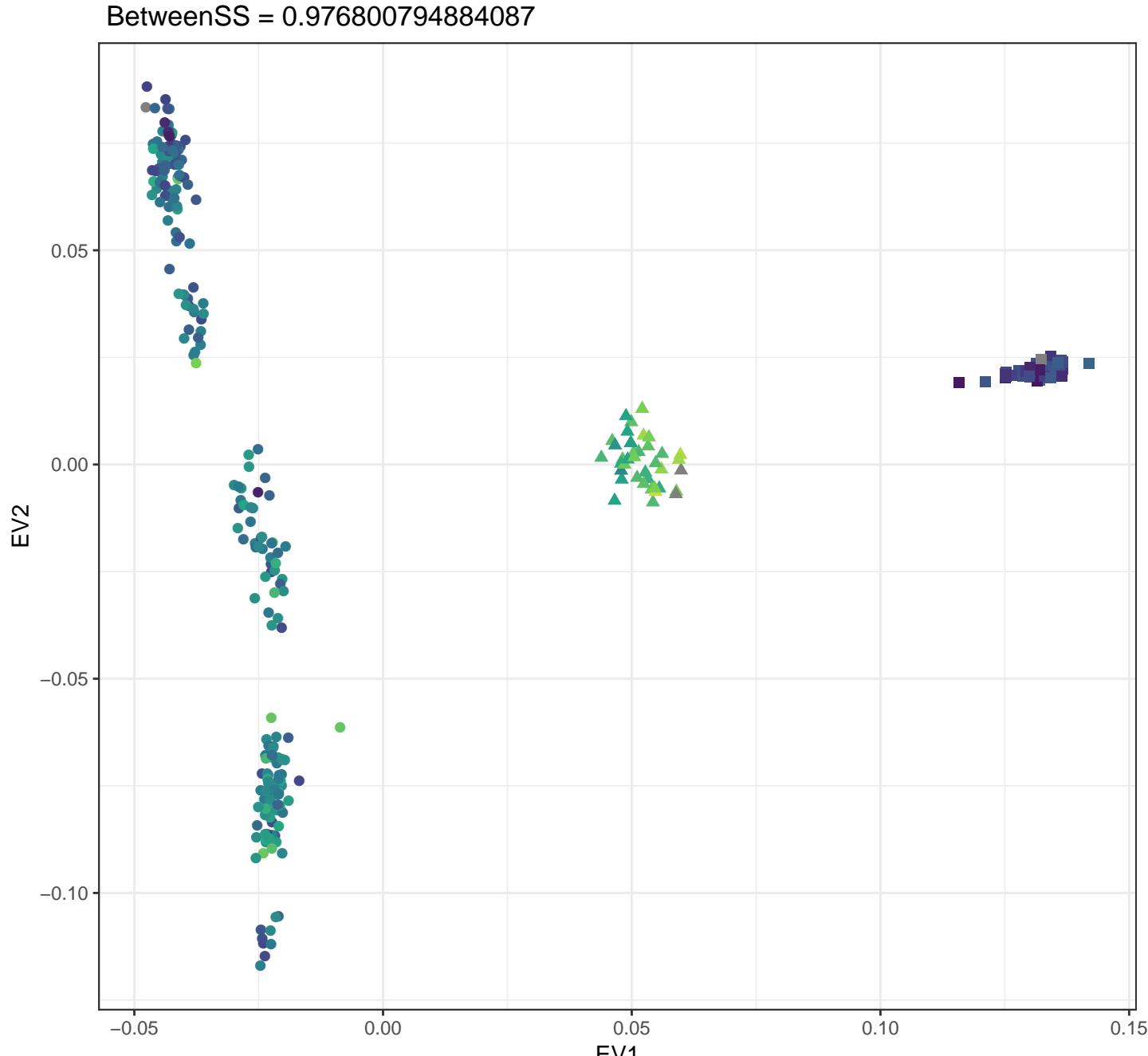
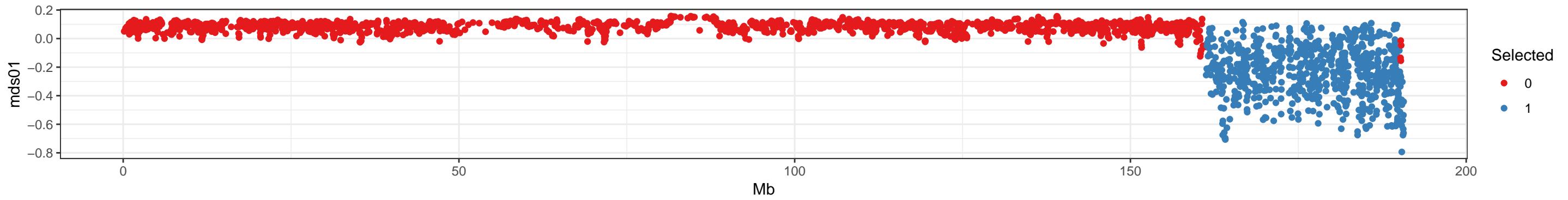


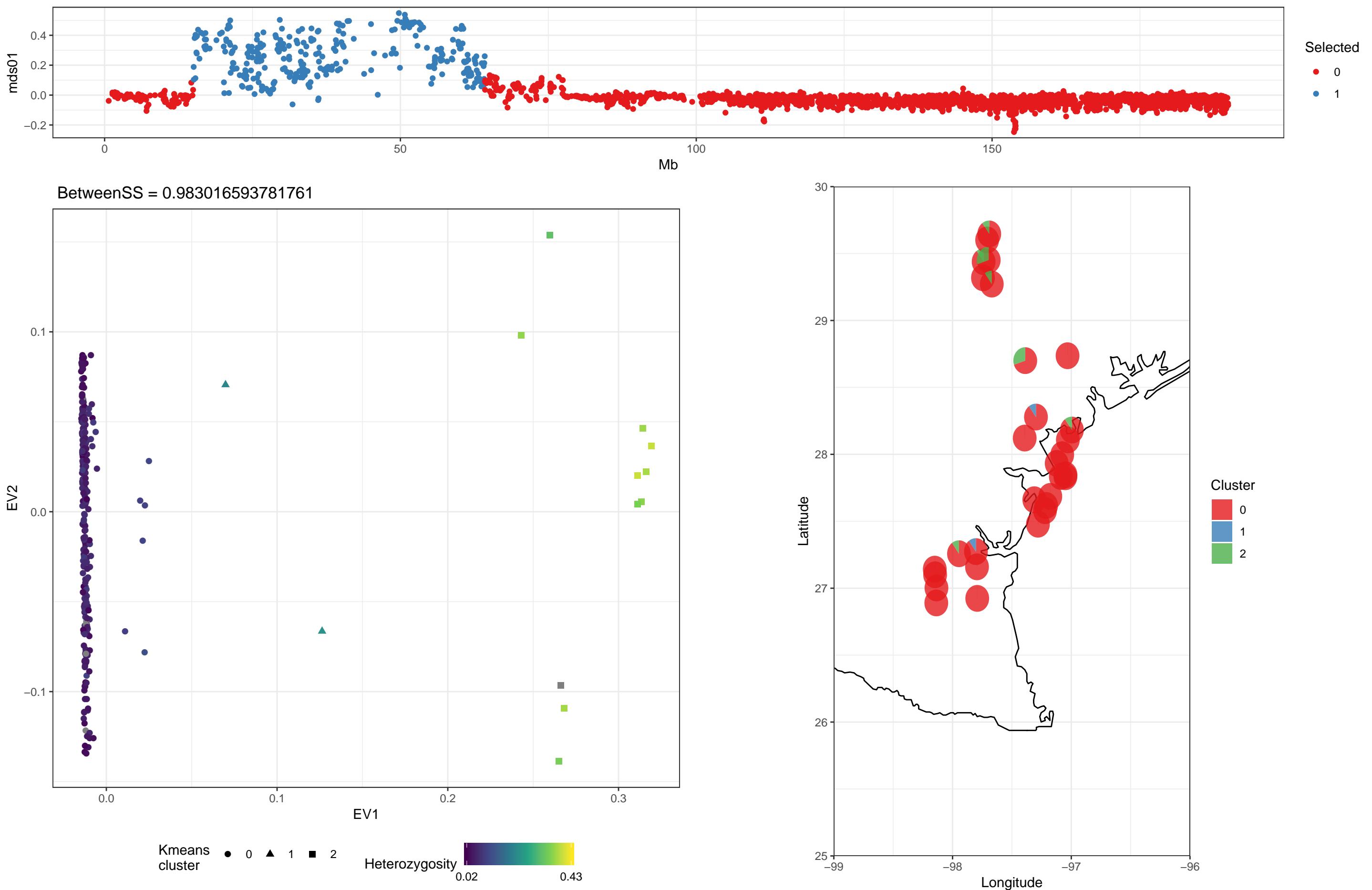


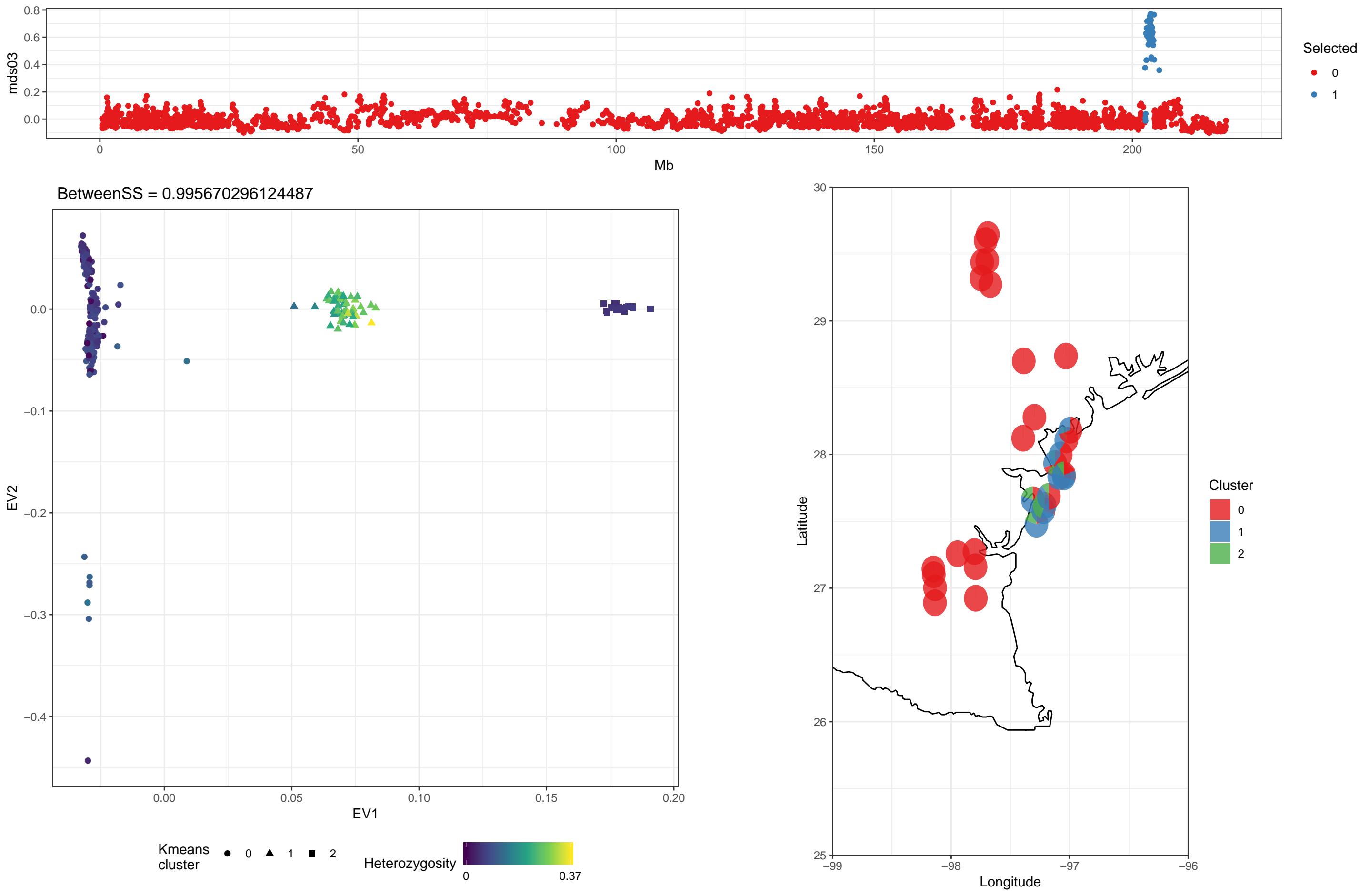
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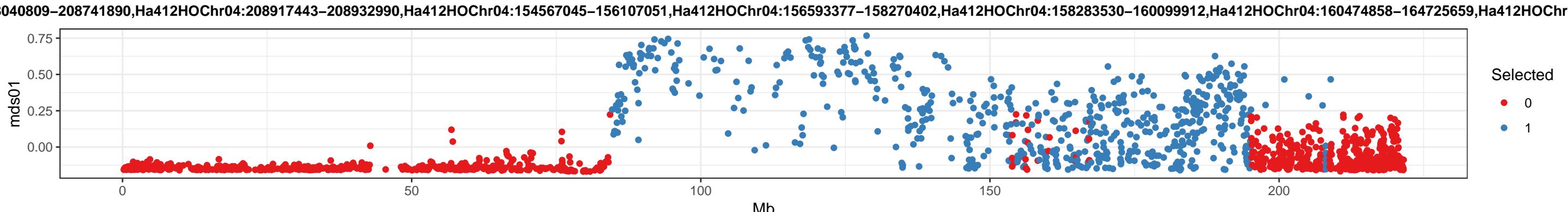




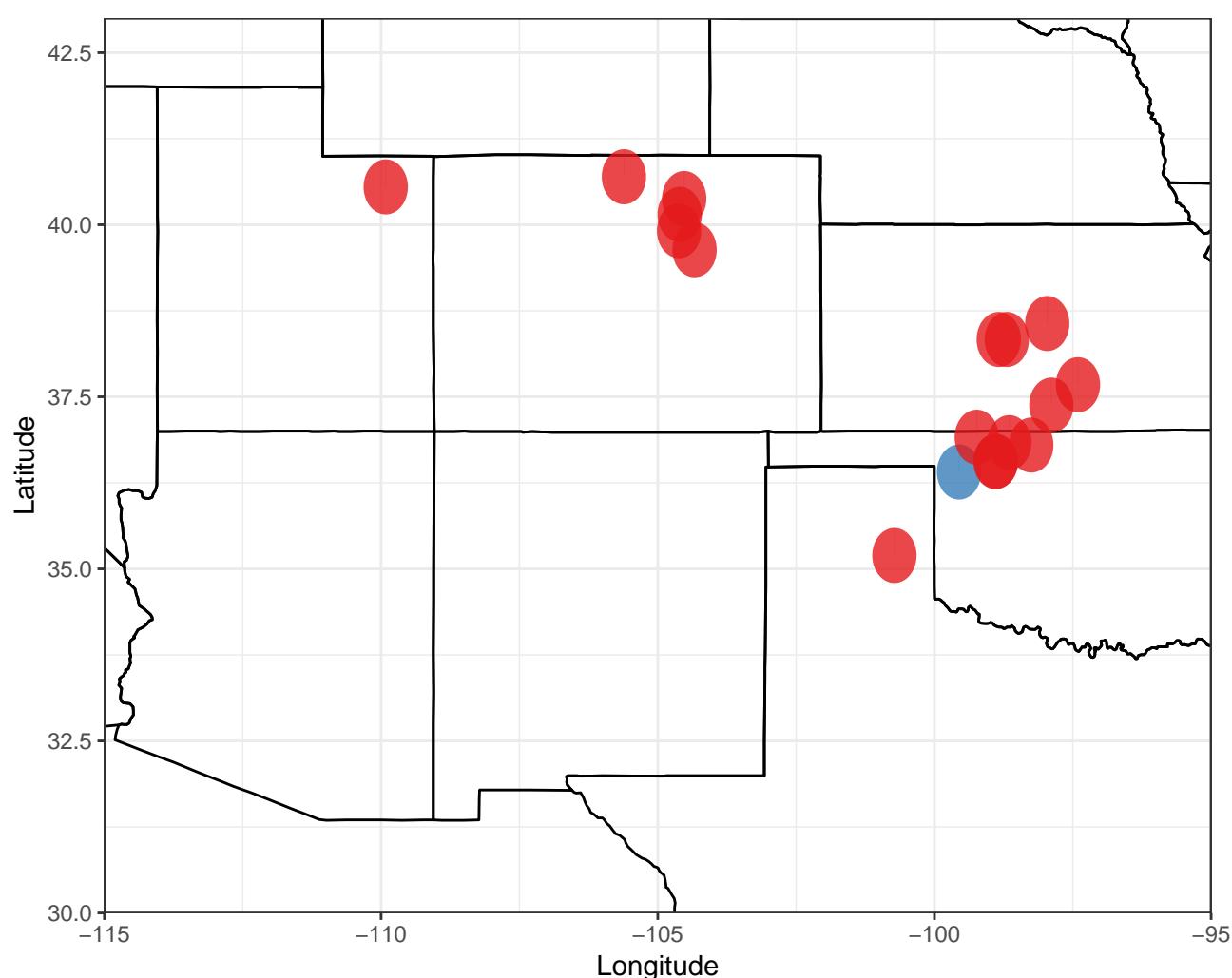
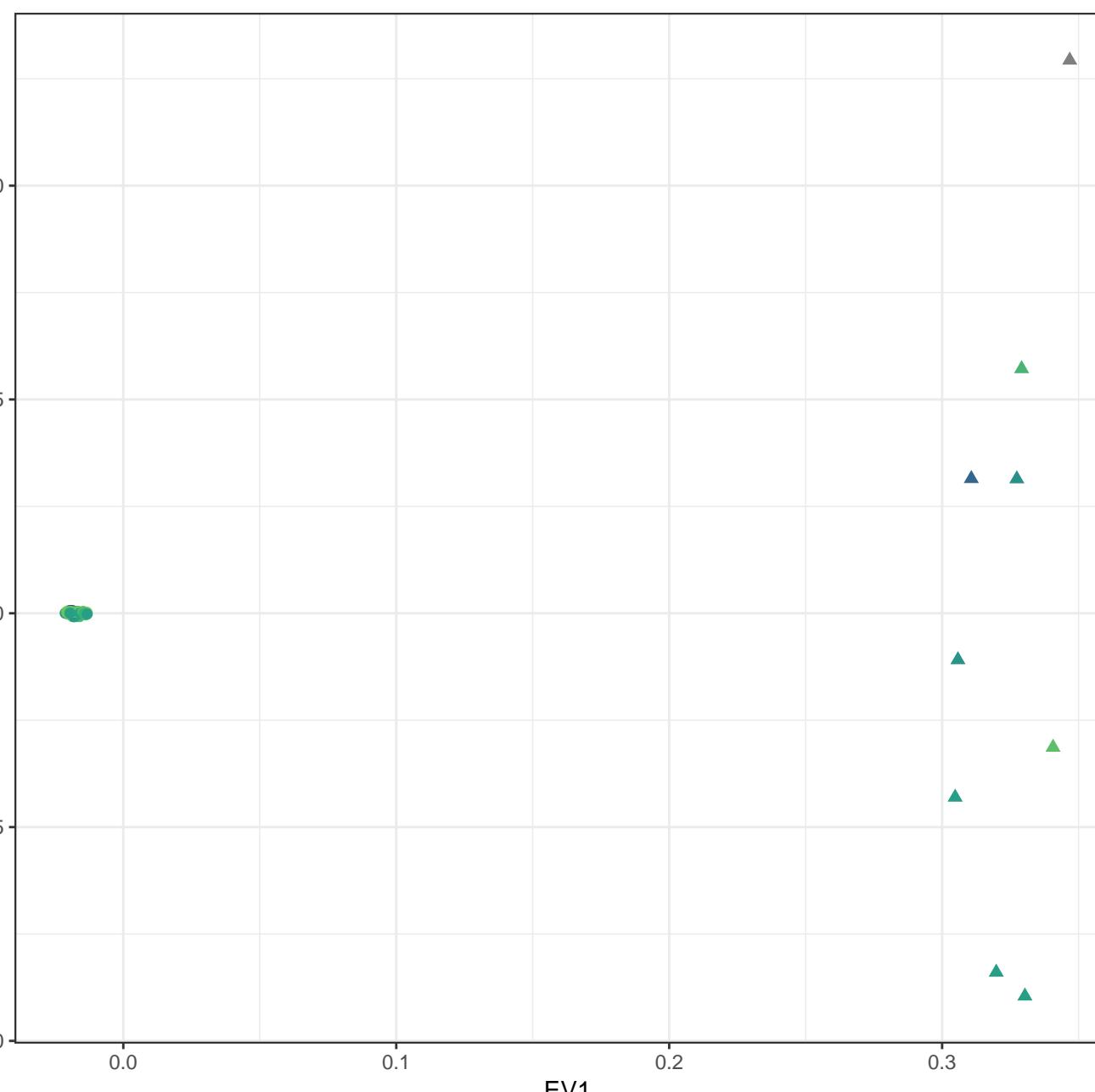


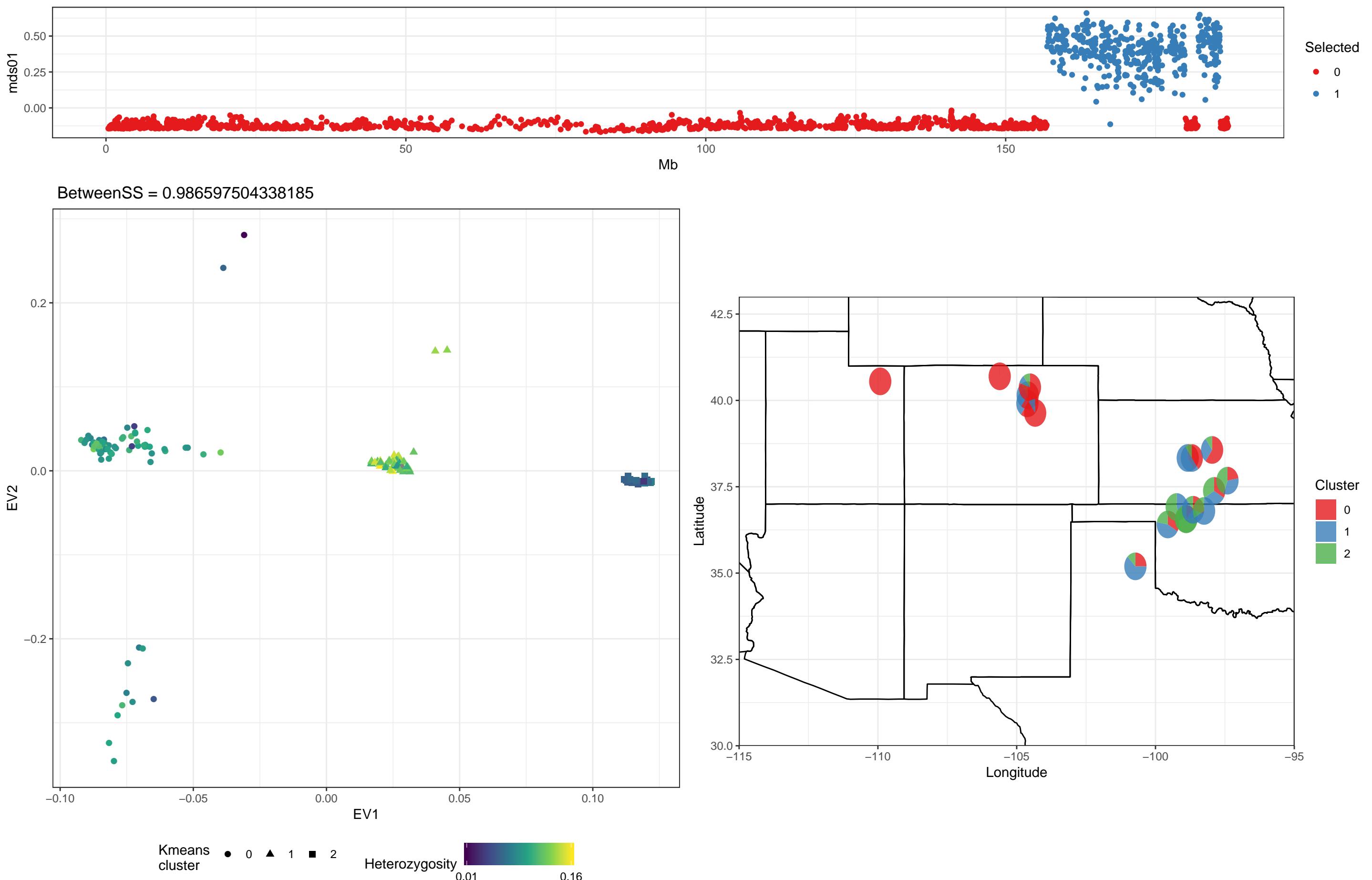


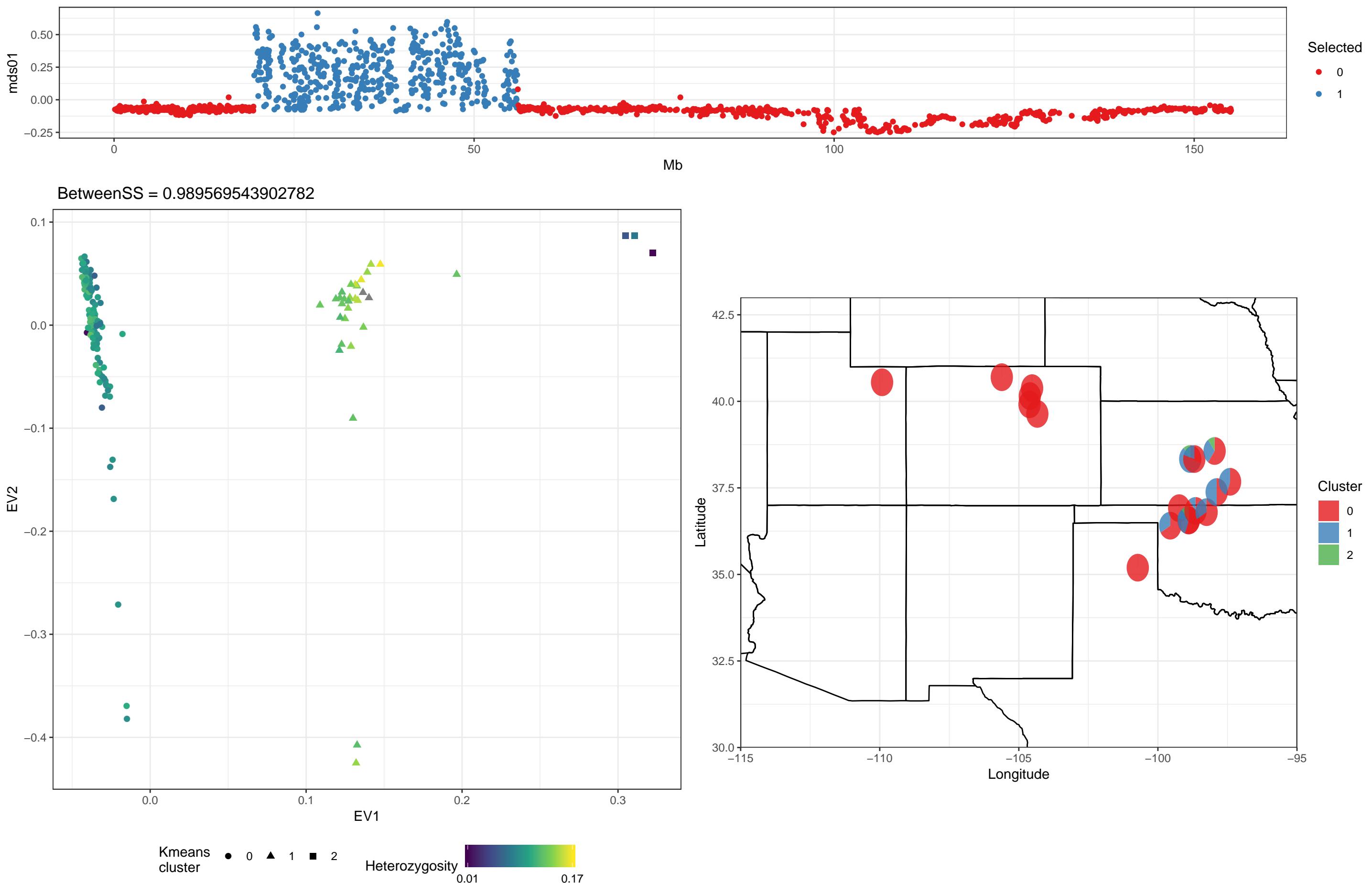


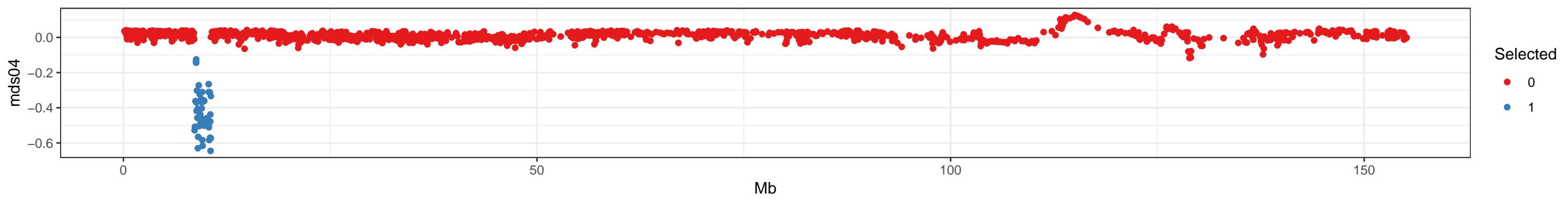


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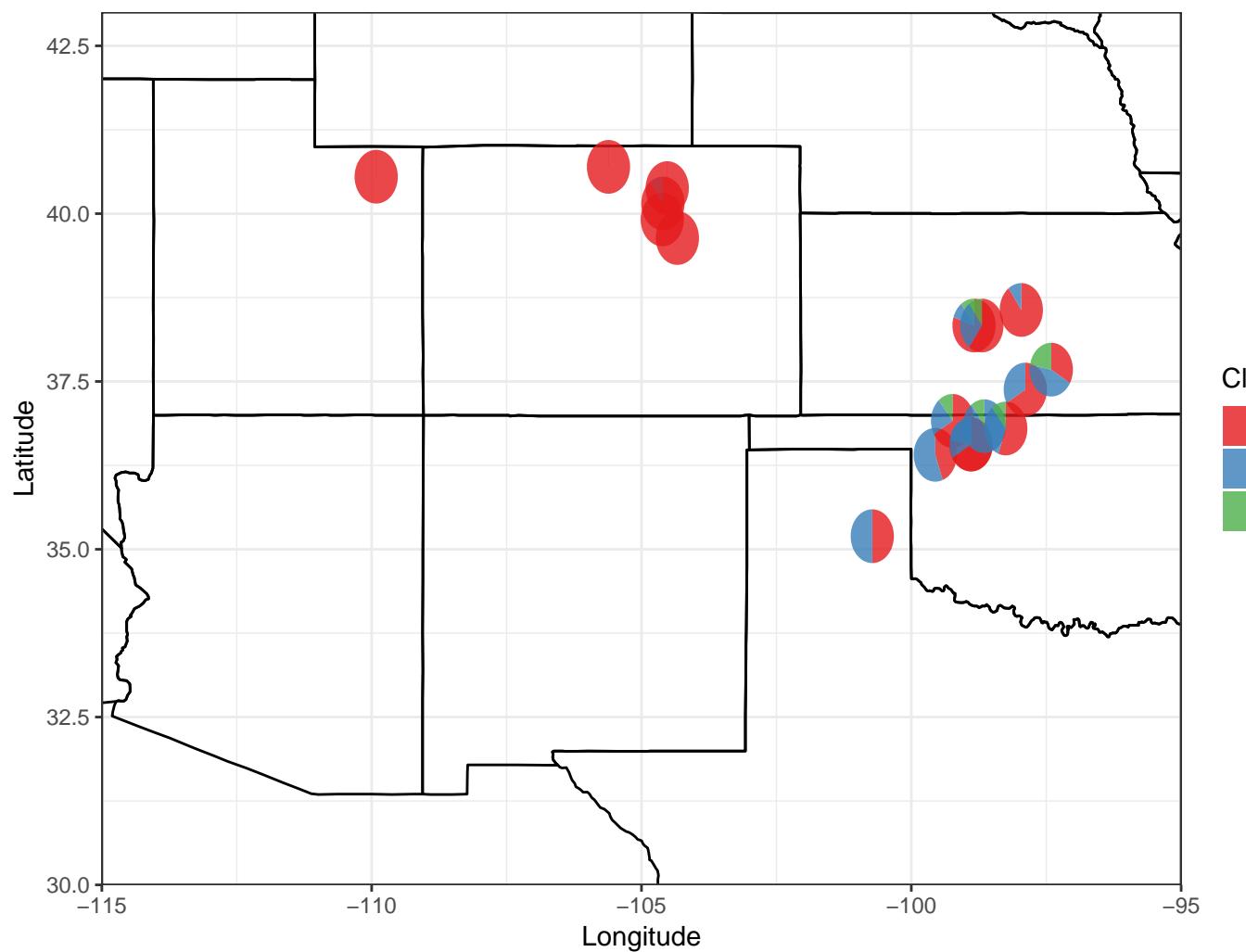
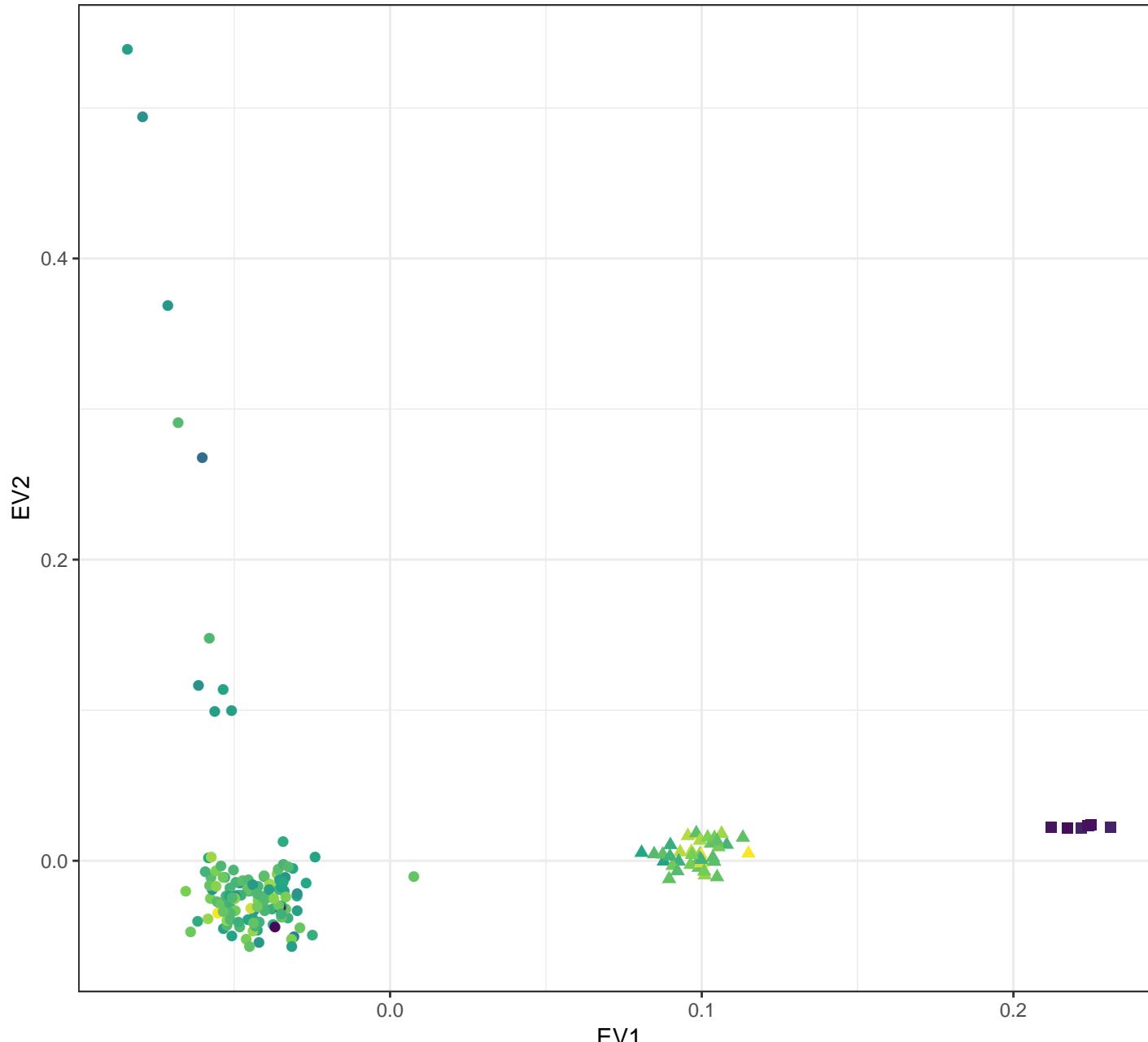


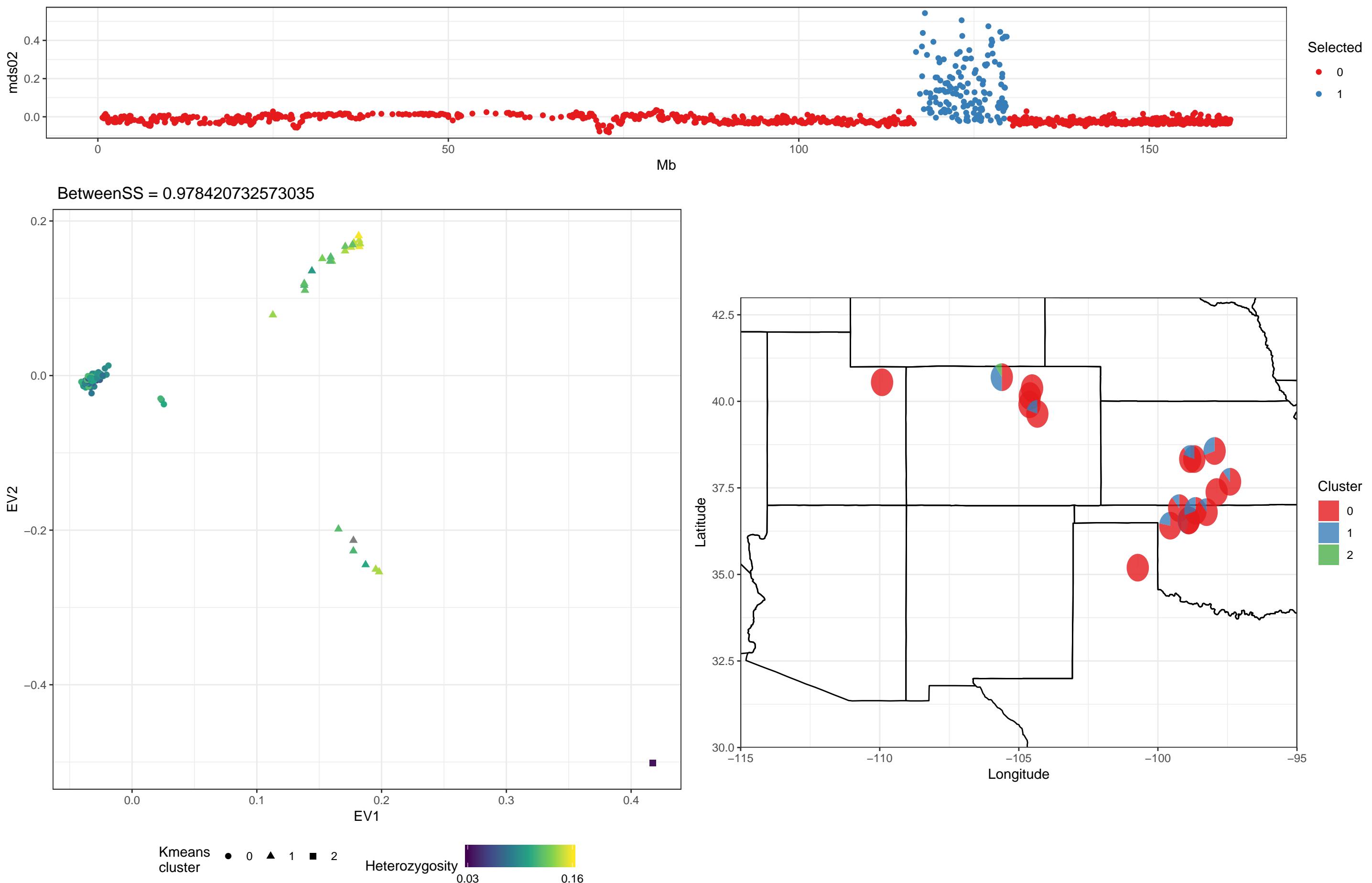




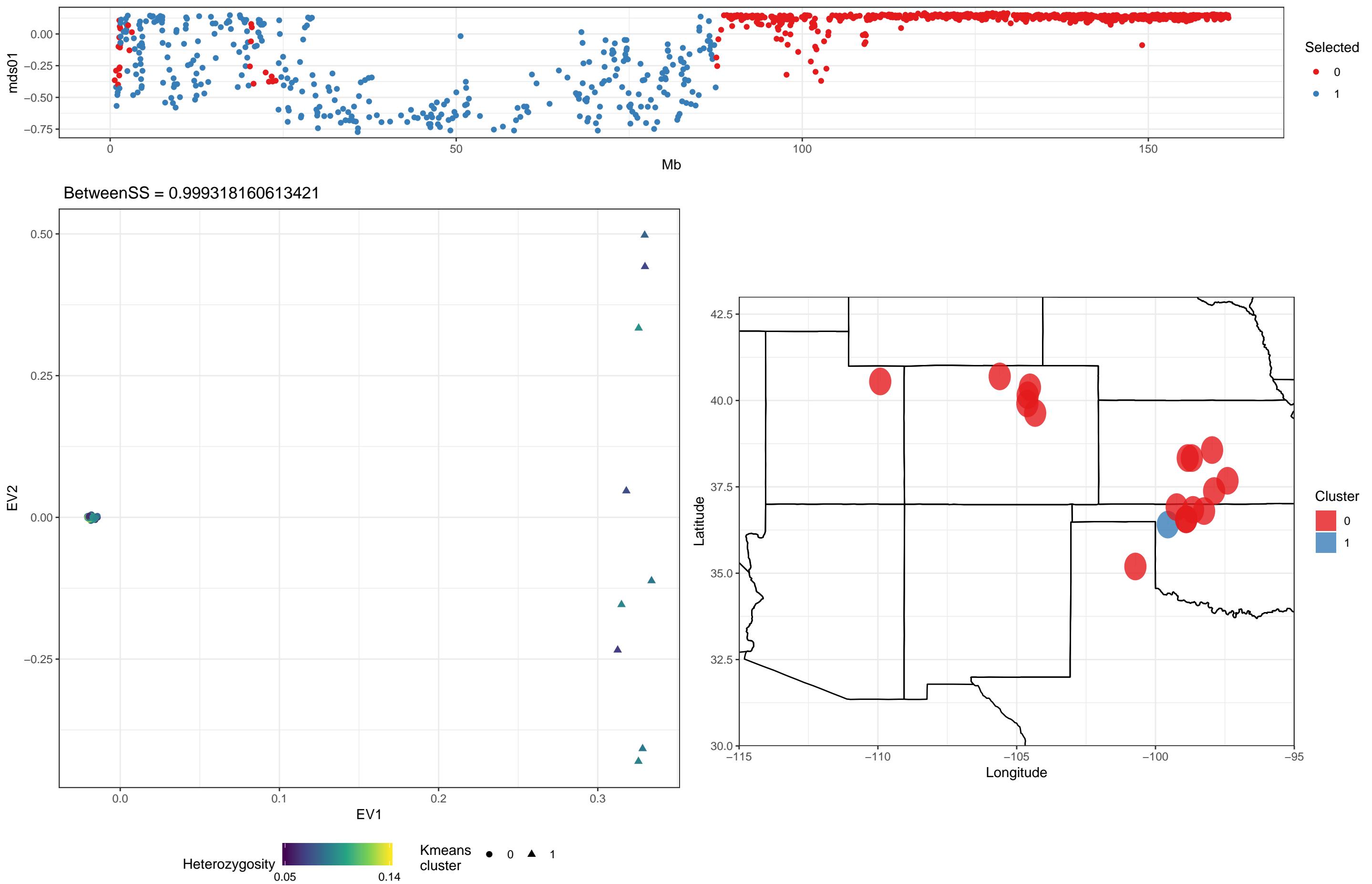


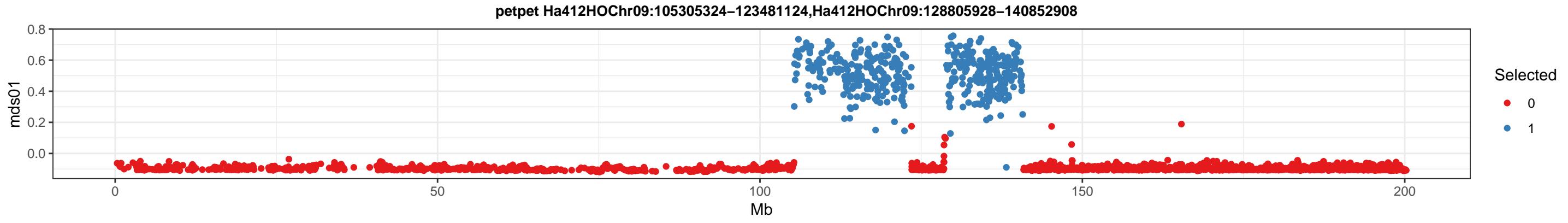
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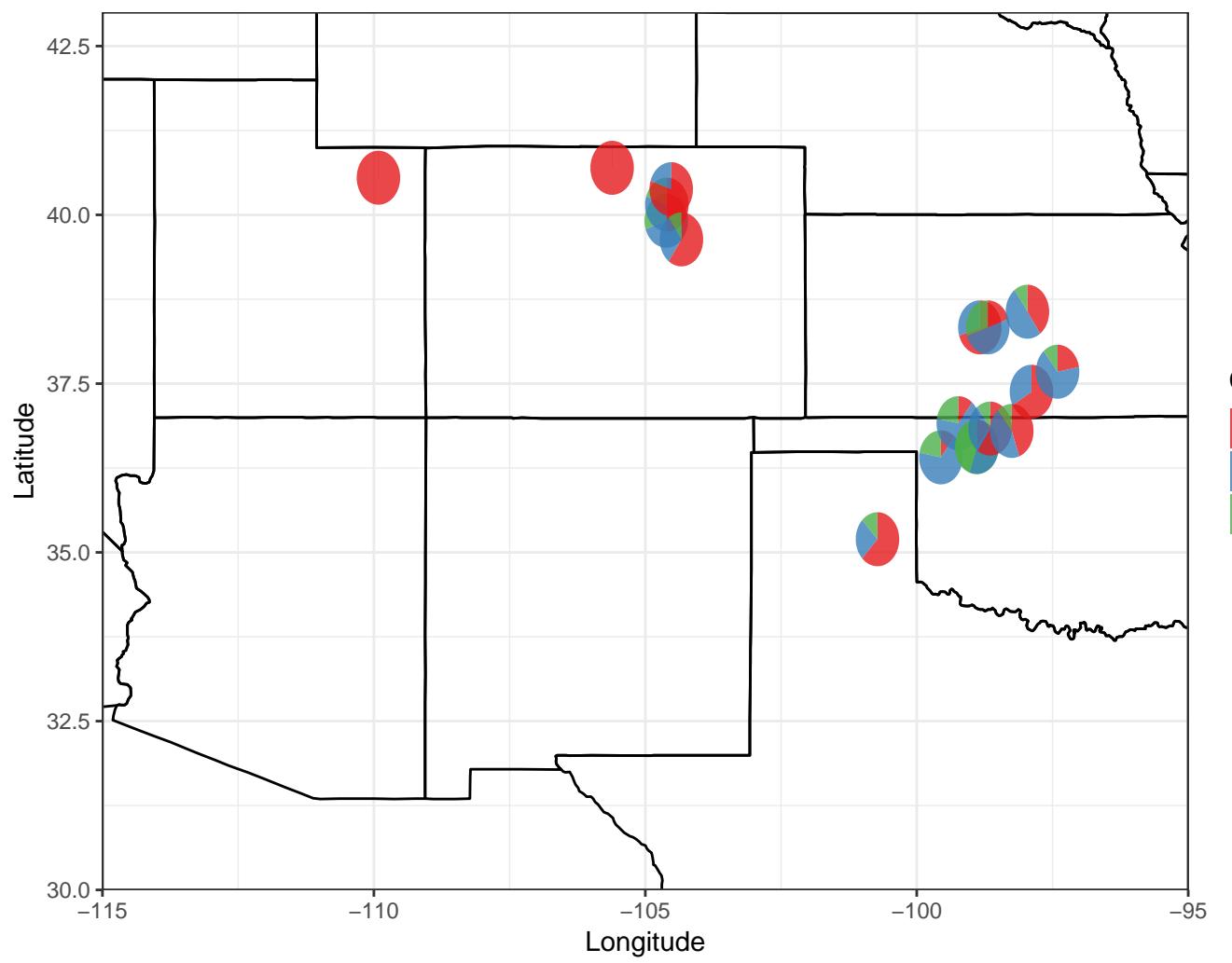
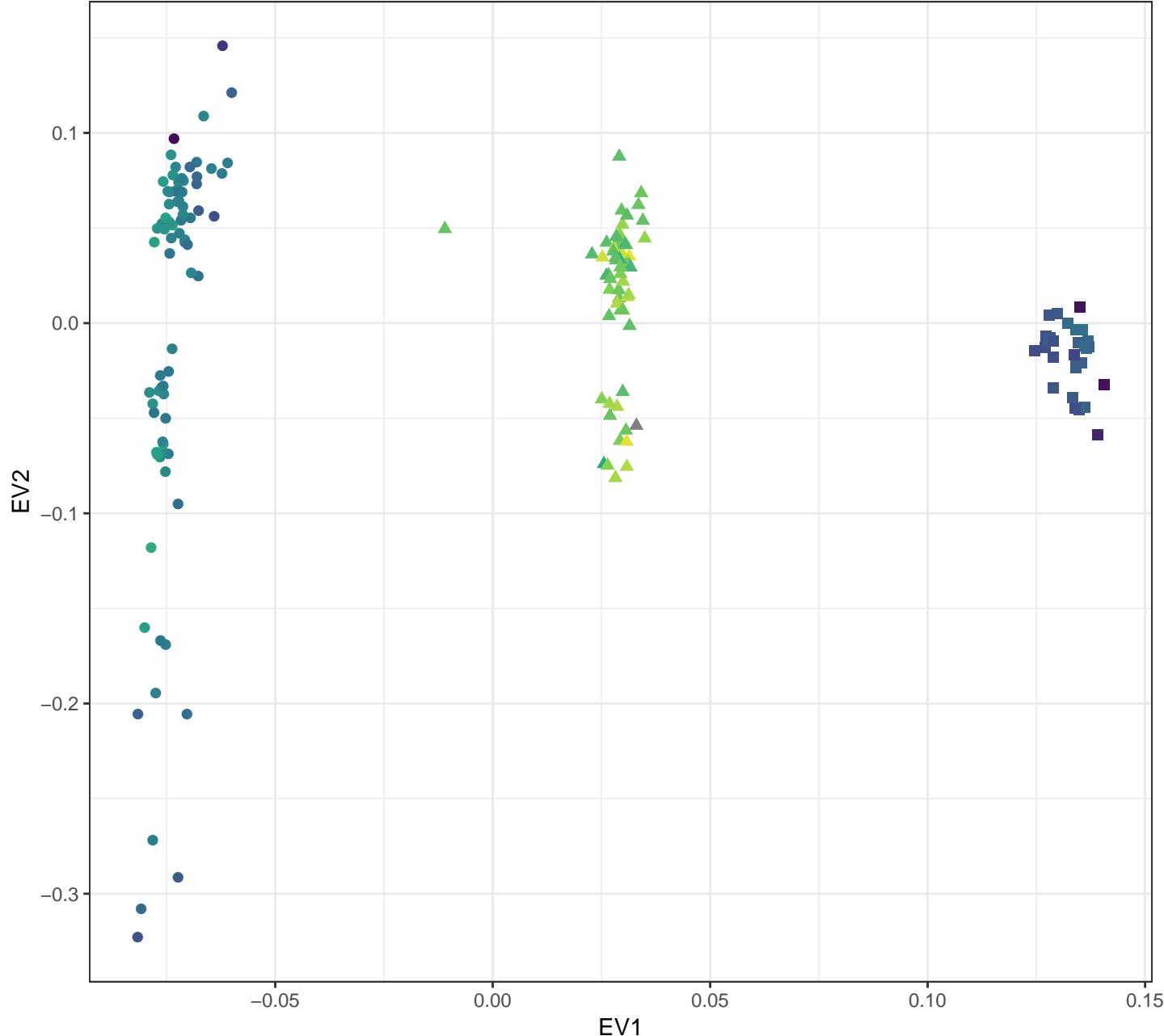


petpet Ha412HOChr07:851380–1103431,Ha412HOChr07:1329987–1363052,Ha412HOChr07:1470322–2583099,Ha412HOChr07:3311568–20040028,Ha412HOChr07:20874265–22295908,Ha412HOChr07:24284243–87532733





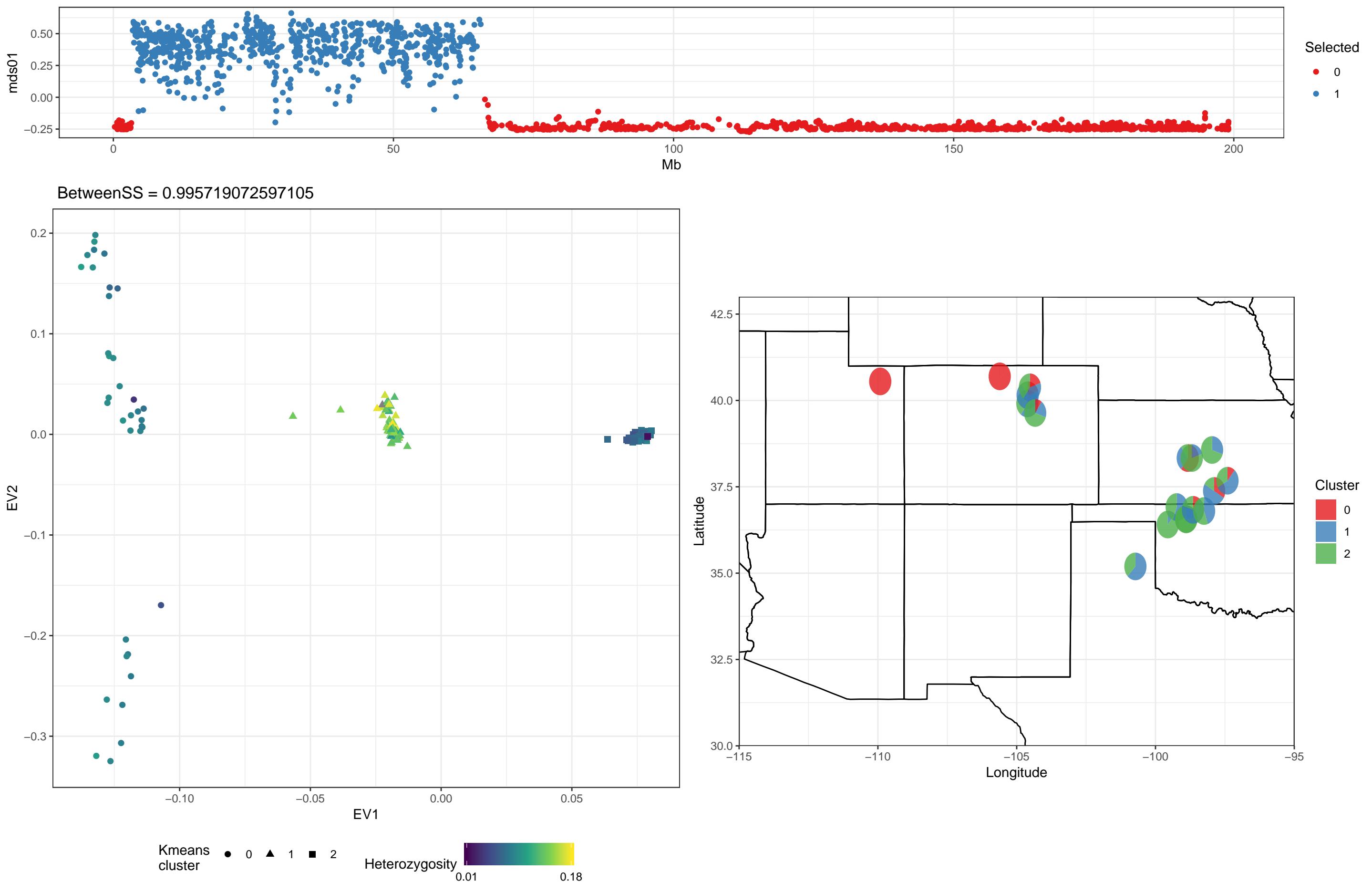
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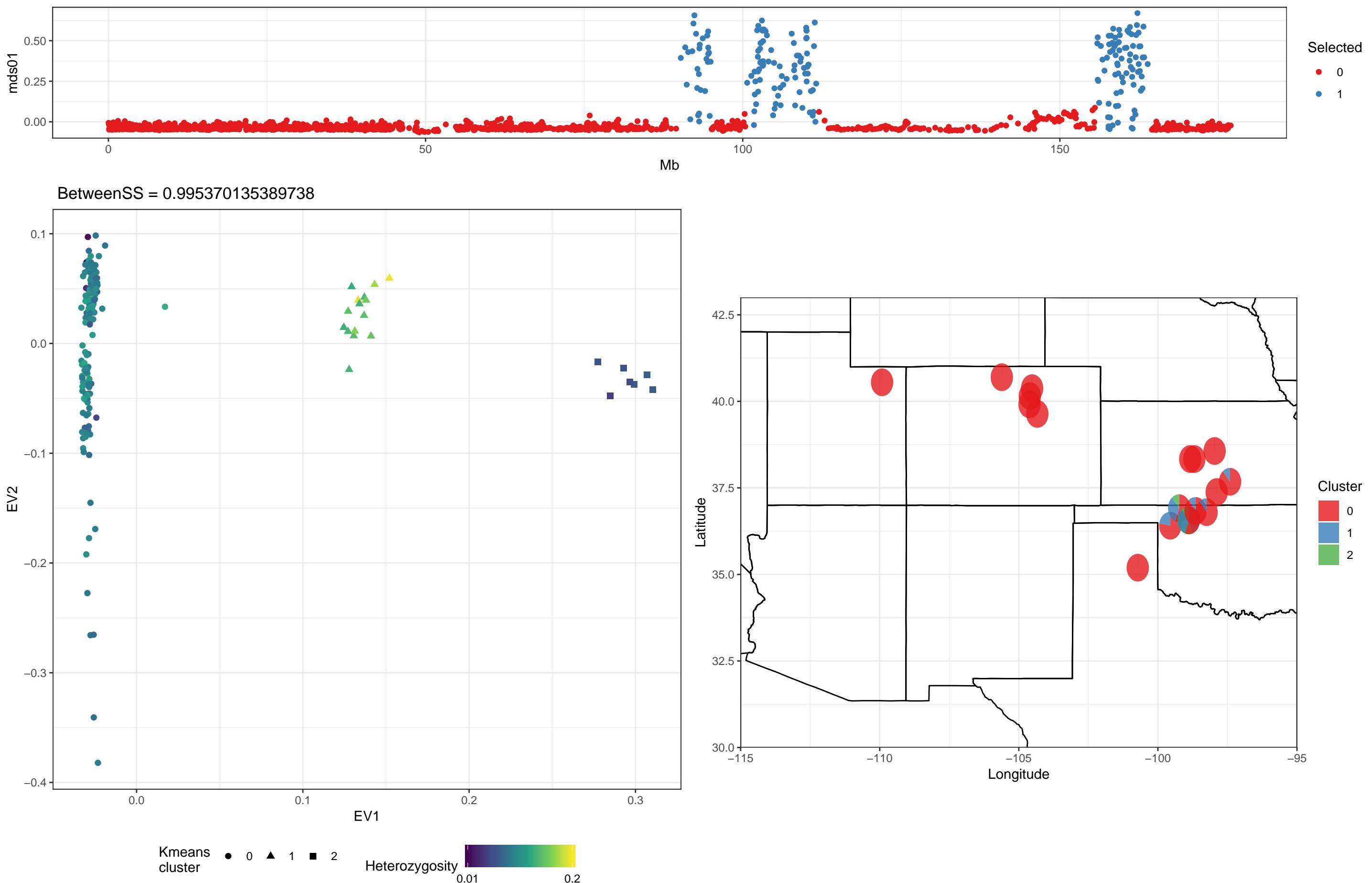


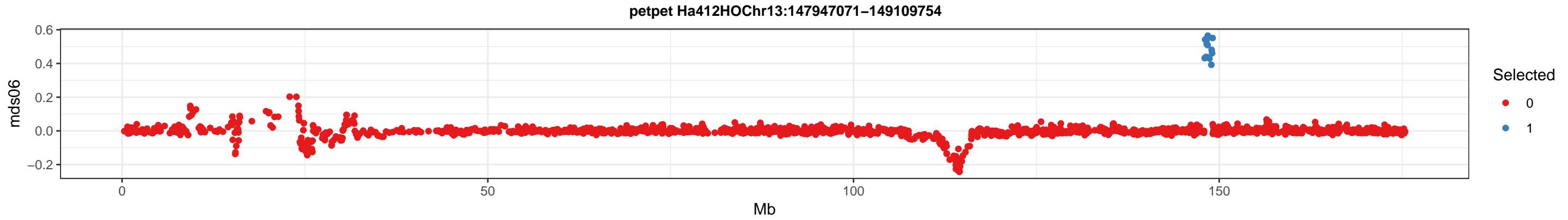
Kmeans cluster

Heterozygosity

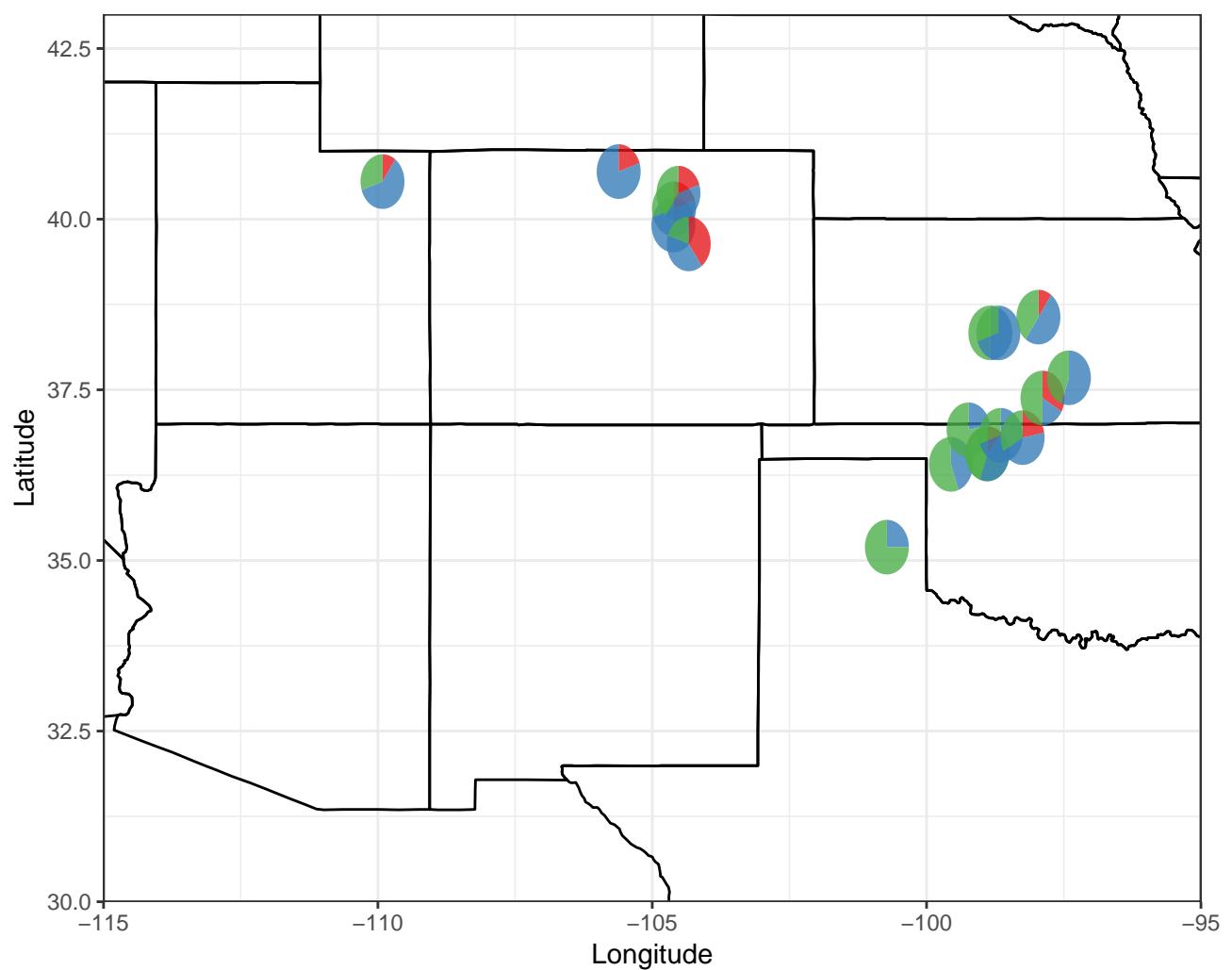
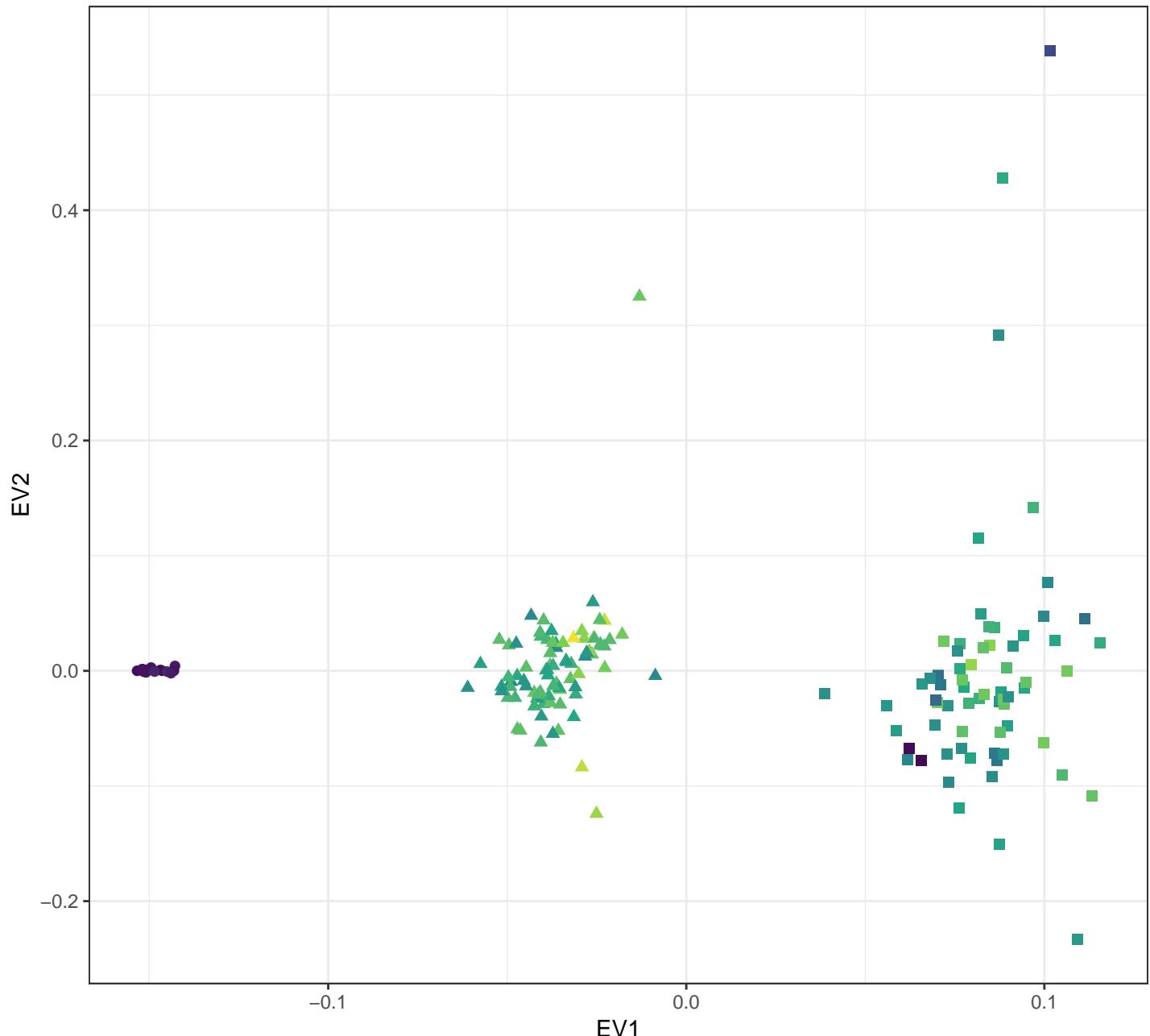
0.01 0.19







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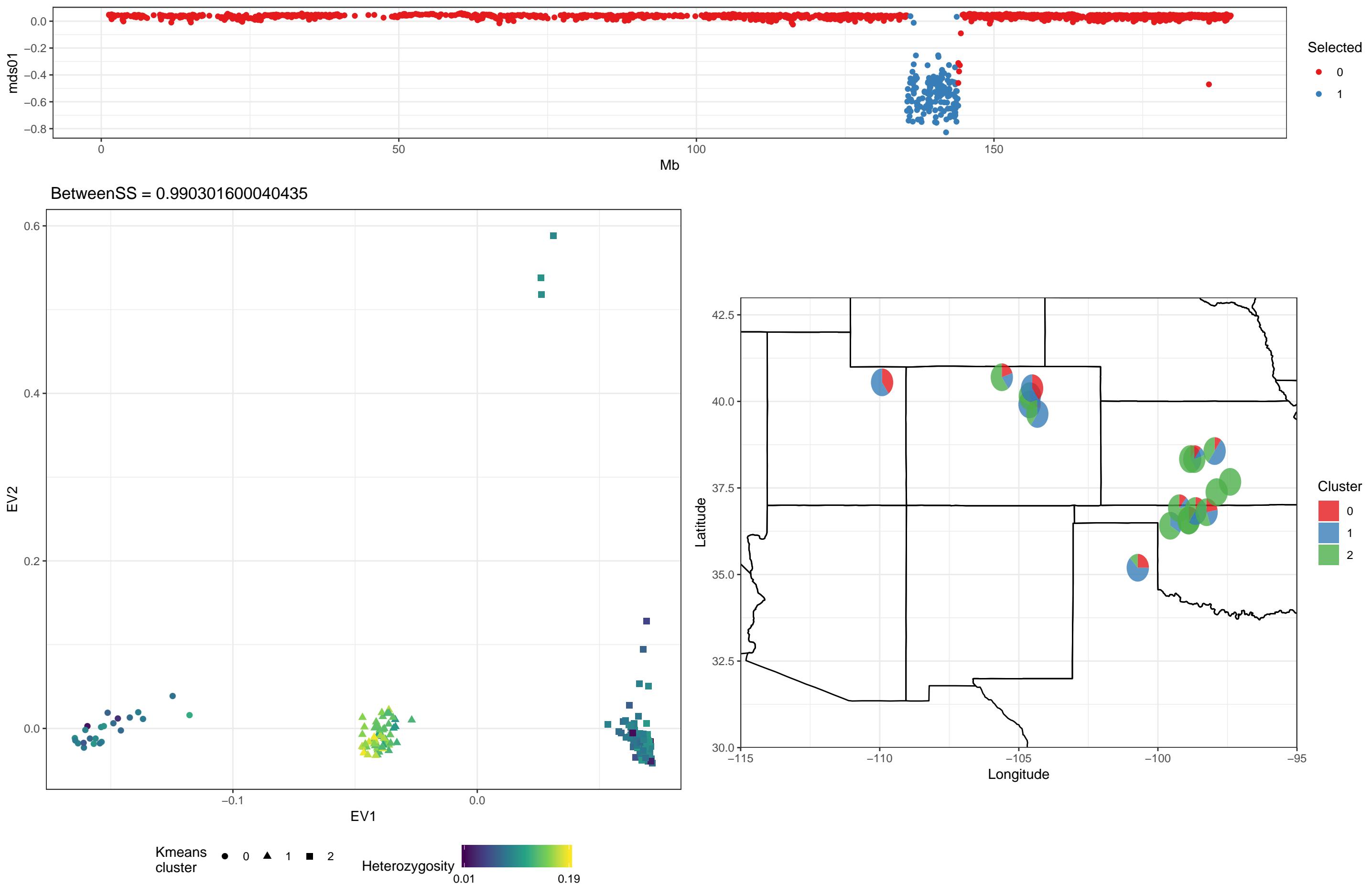
Kmeans cluster

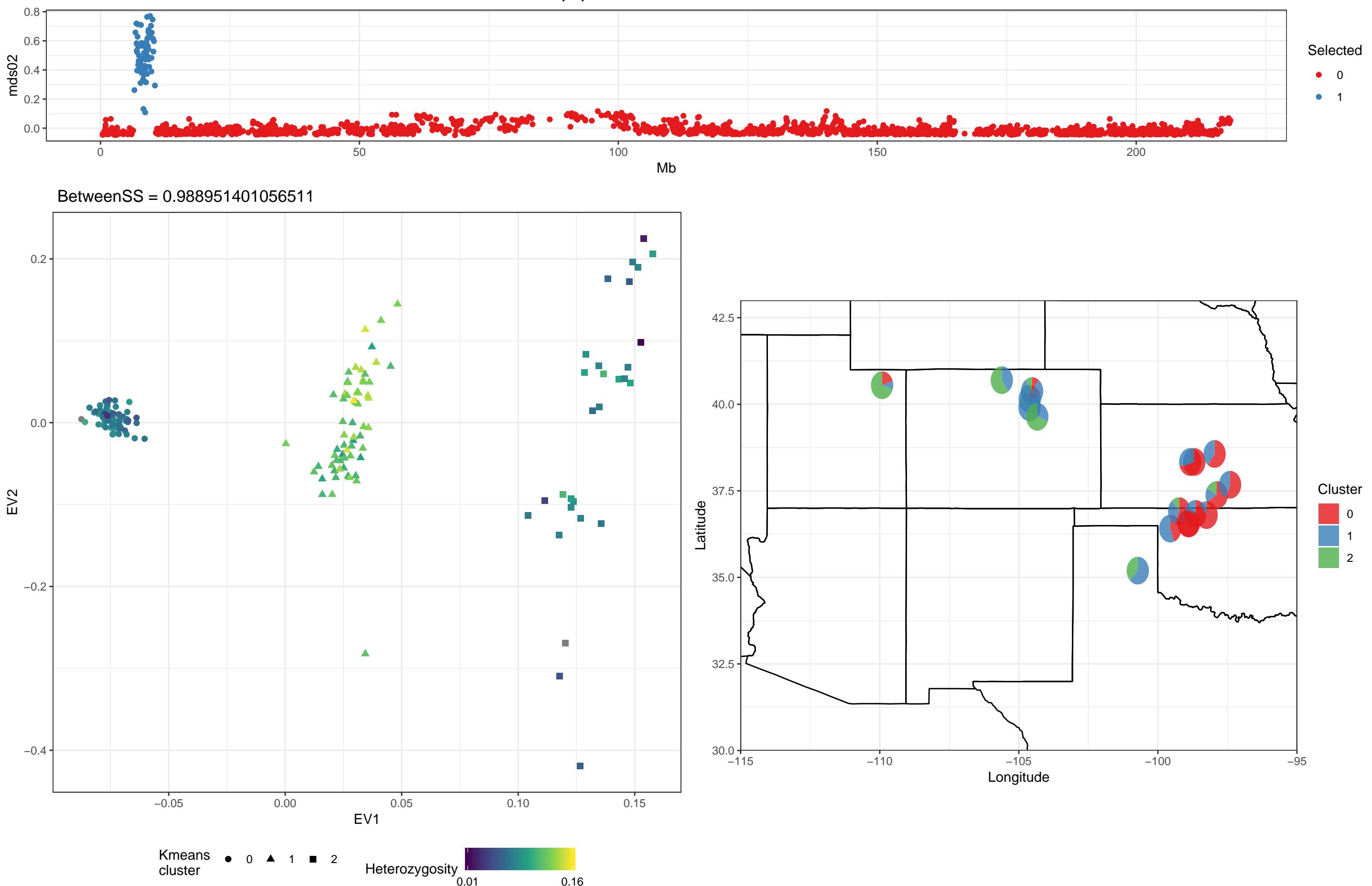
● 0 ▲ 1 ■

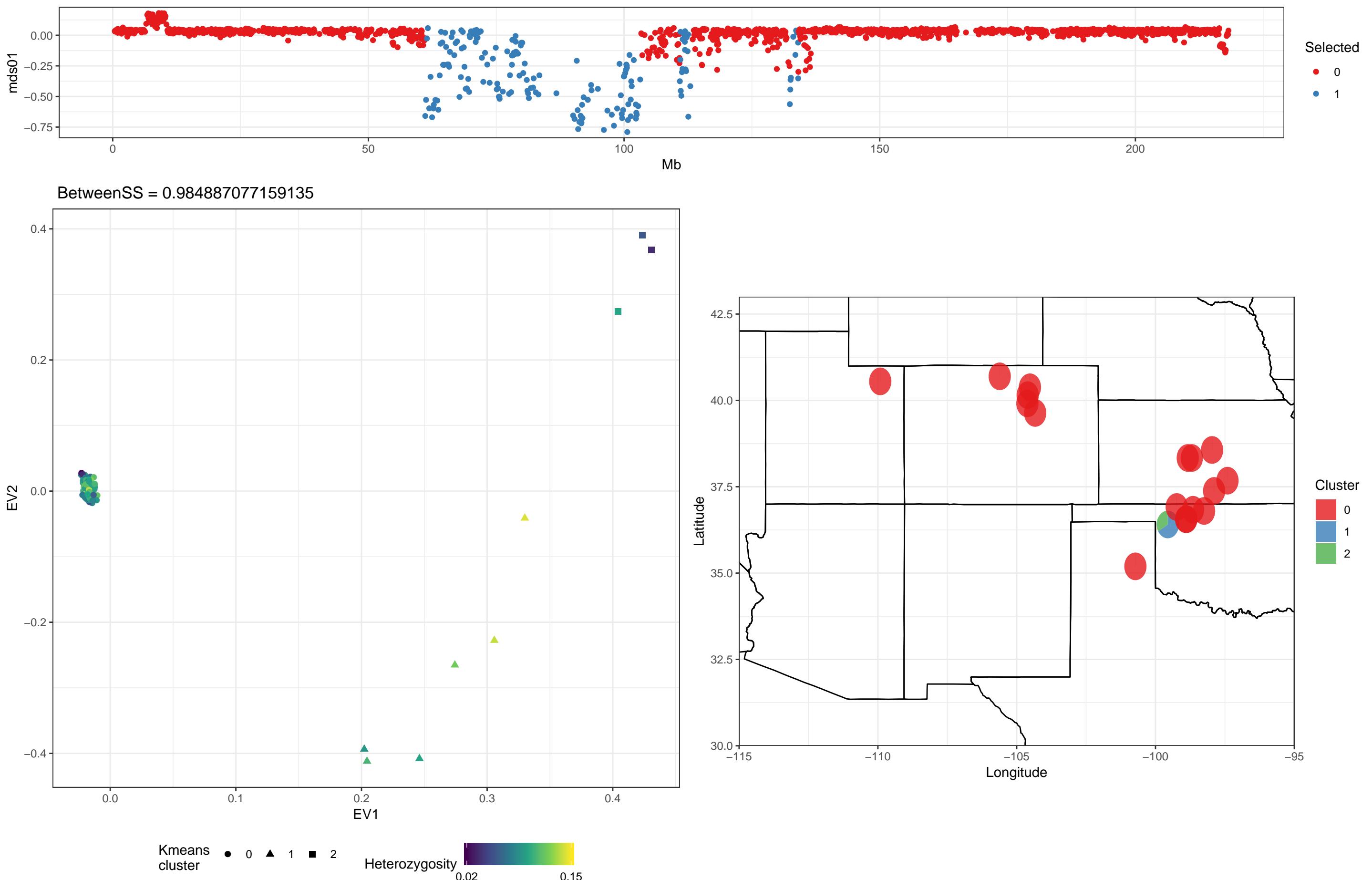
Heterozygosity

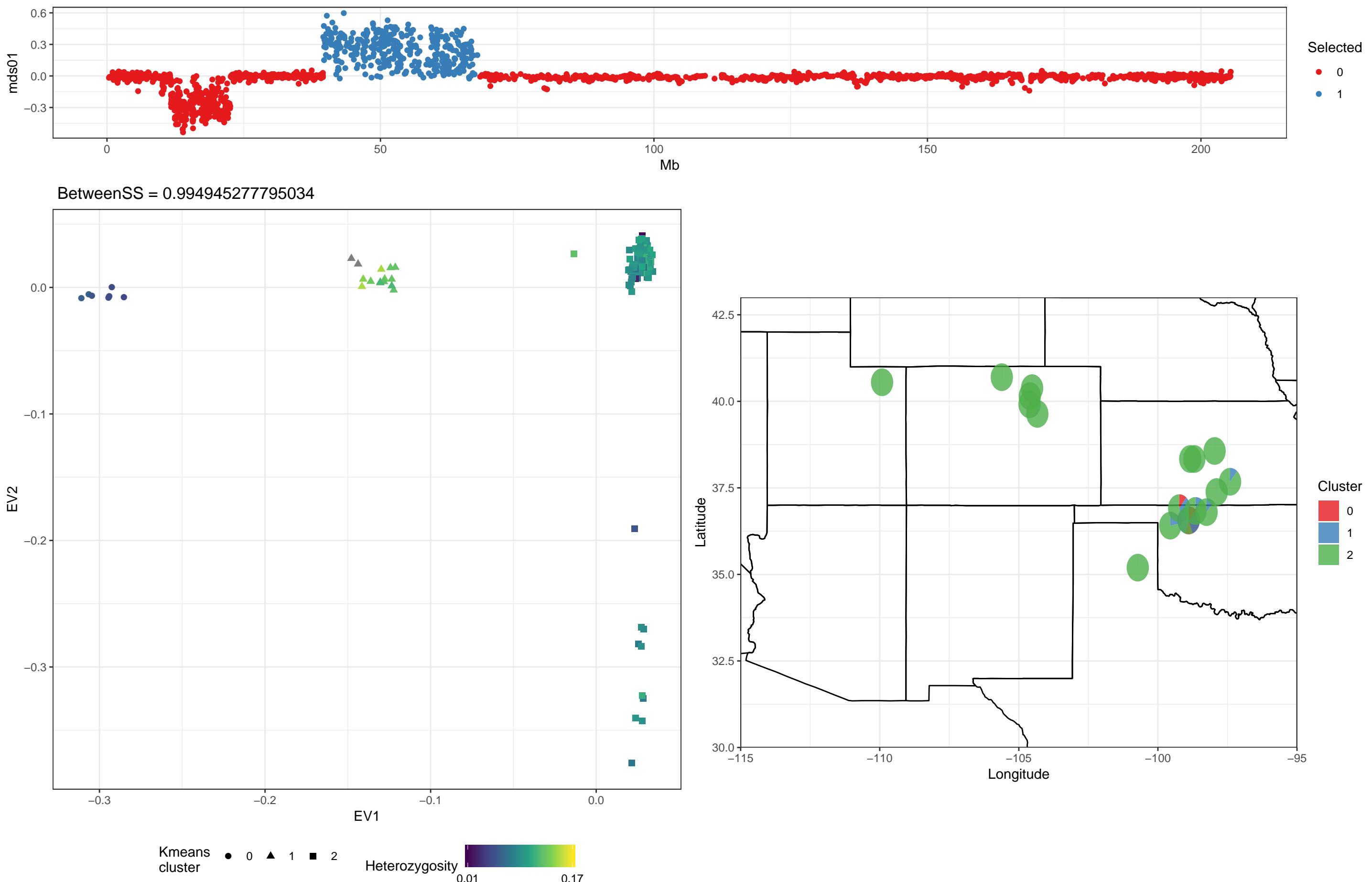
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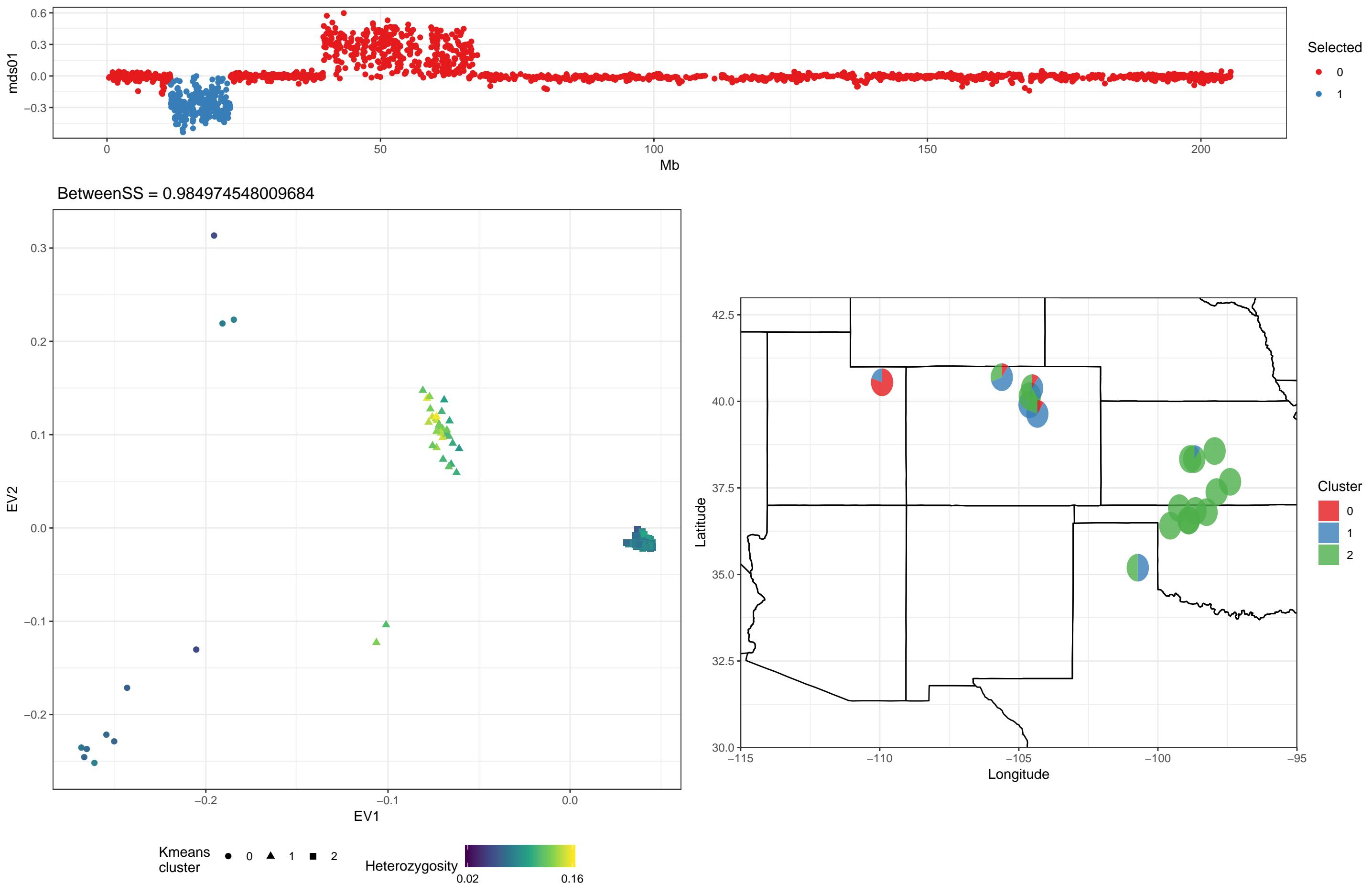
petpet Ha412HOChr14:135376473–144002322

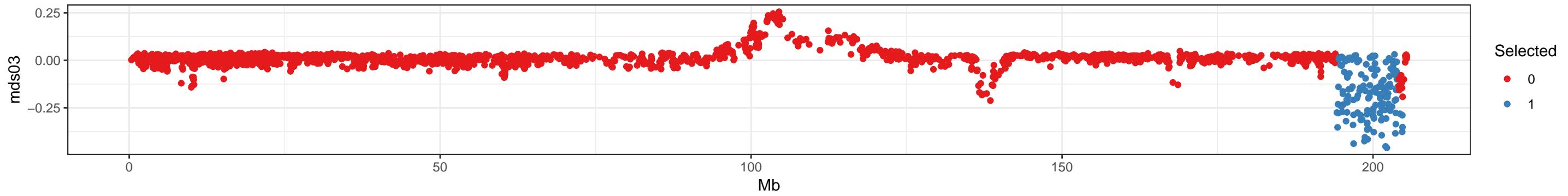




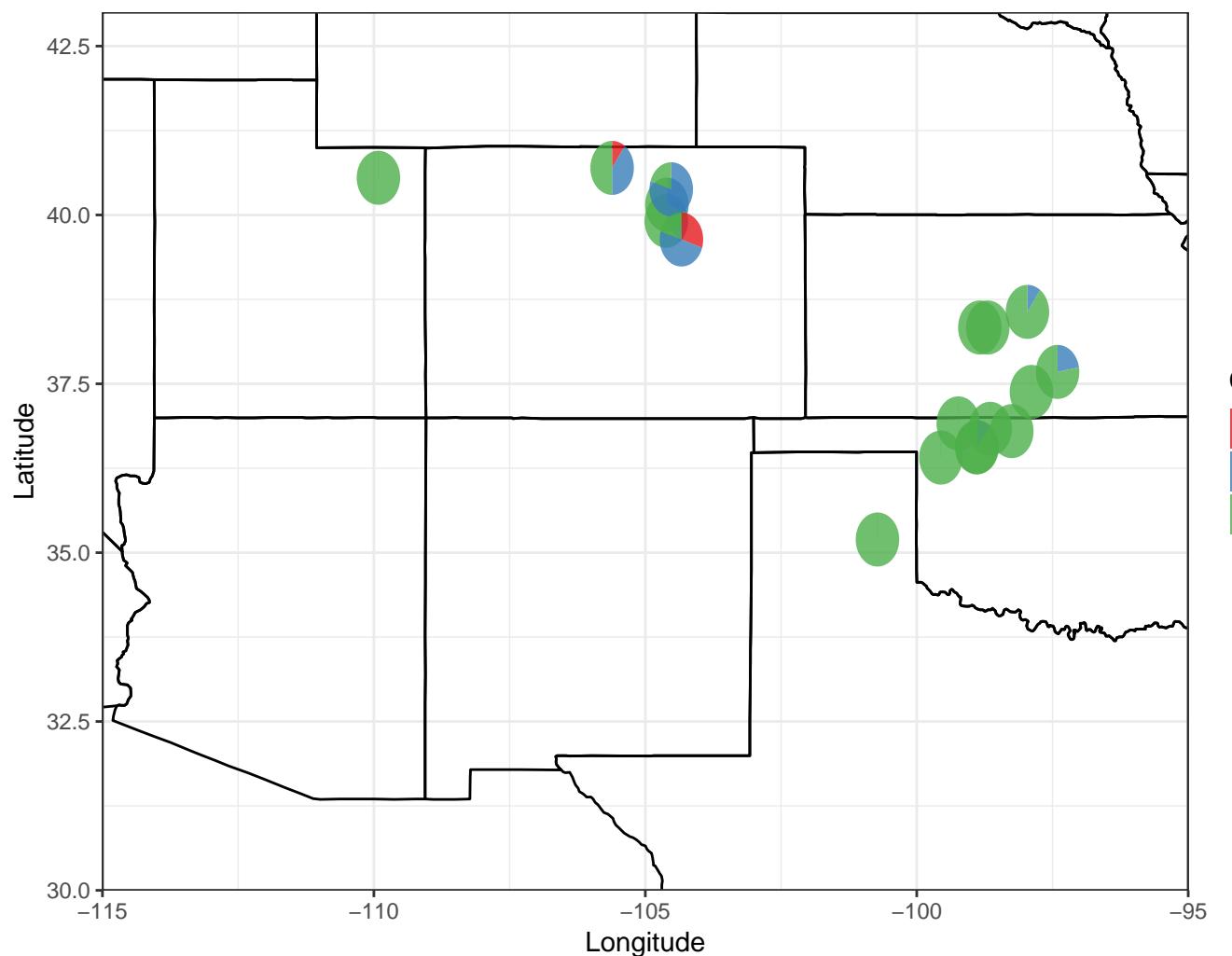
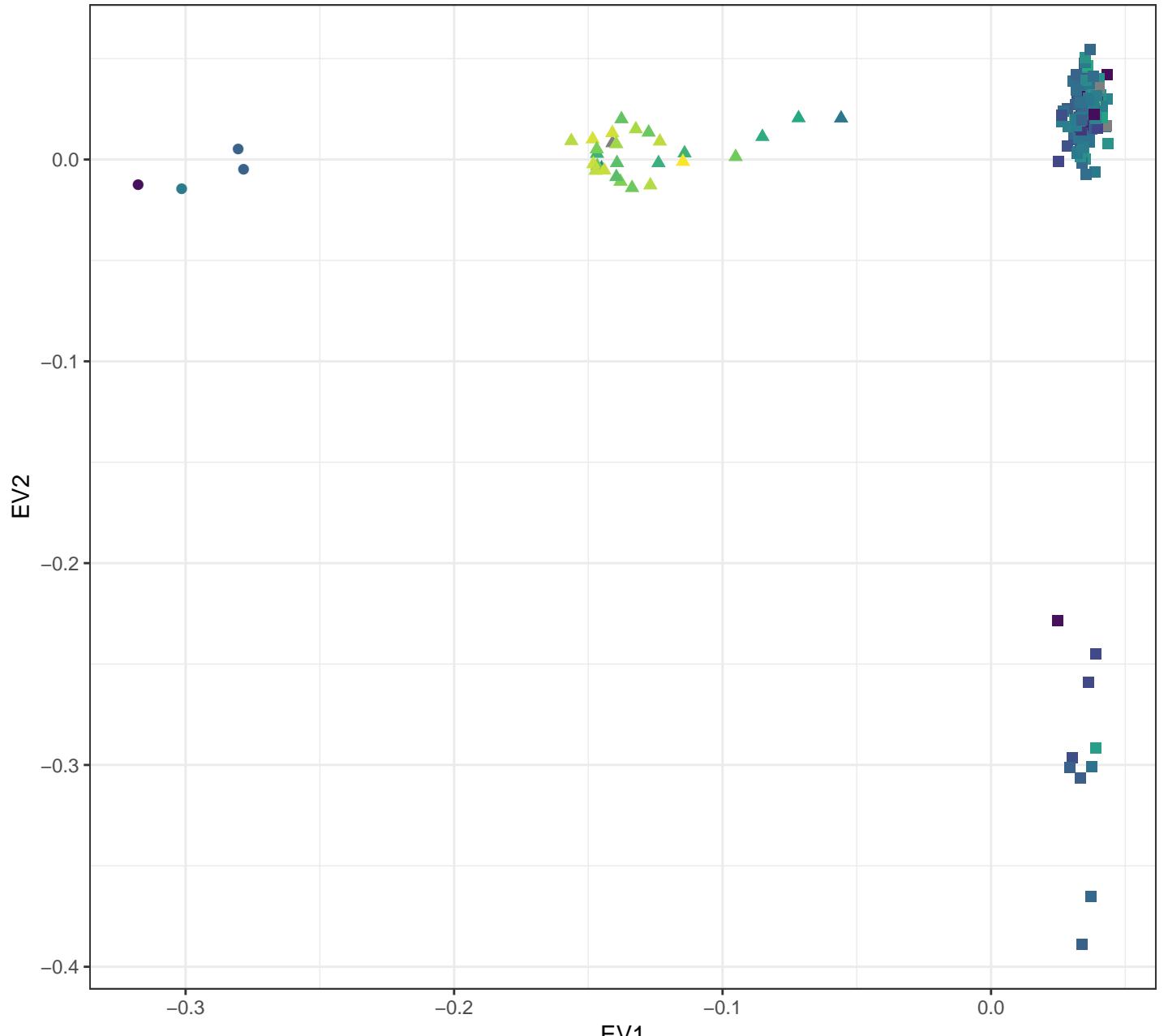








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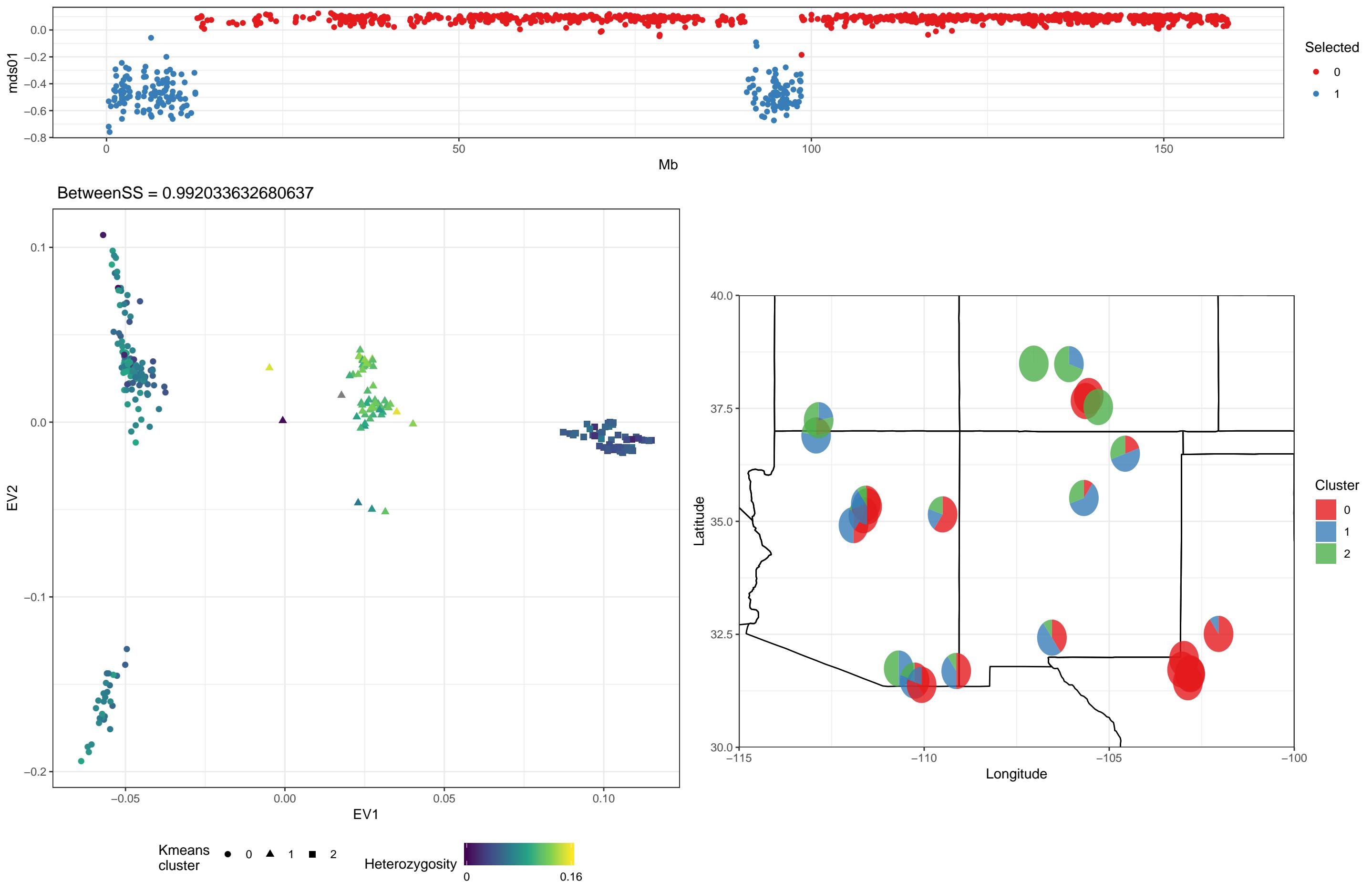


Kmeans
cluster

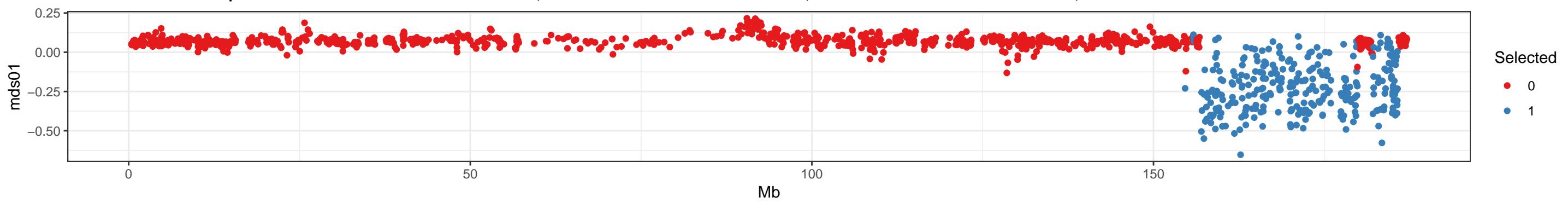
• 0 ▲ 1 ■ 2

Heterozygosity

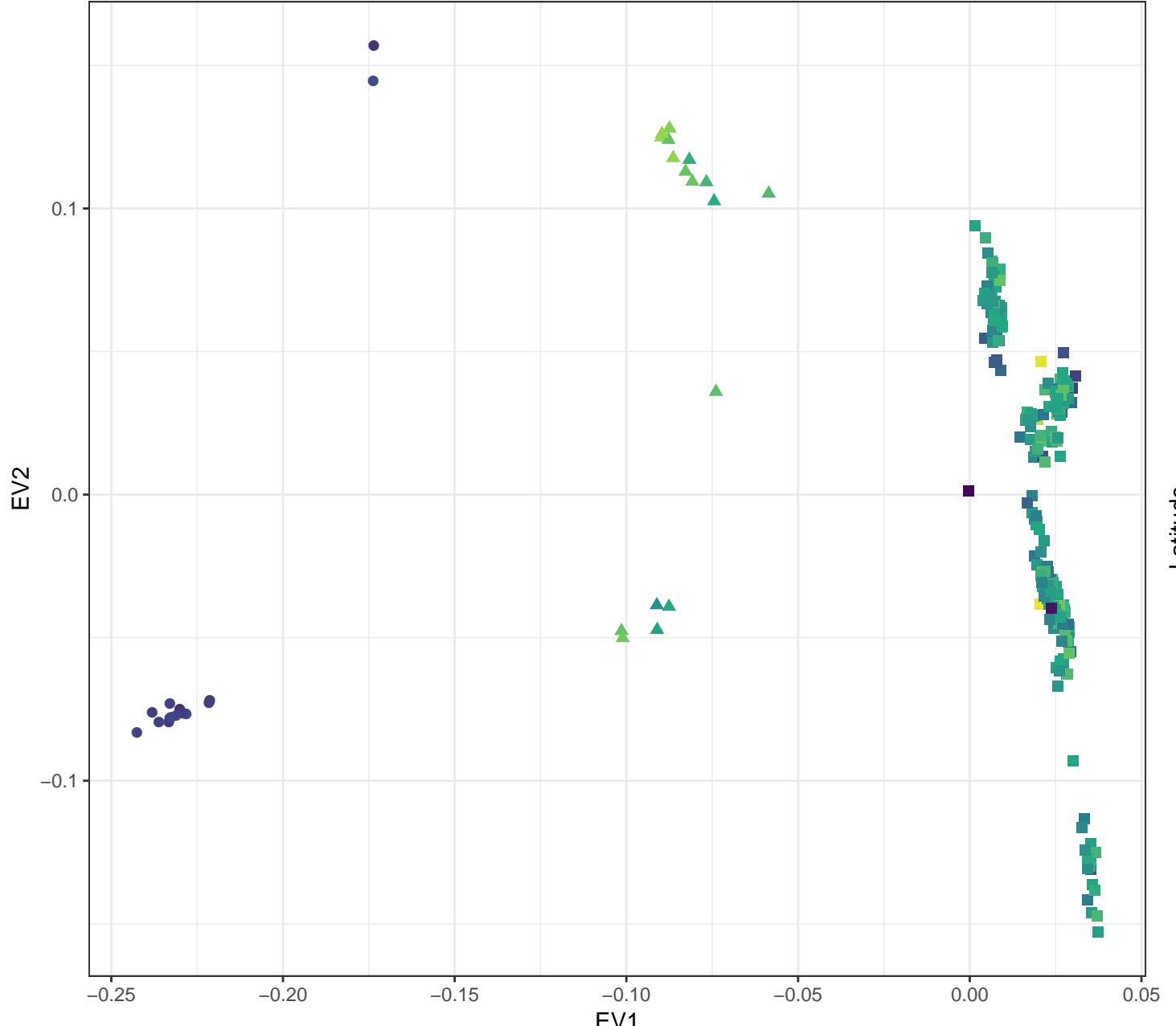




petfal Ha412HOChr05:154541712–154721601,Ha412HOChr05:155829994–156343352,Ha412HOChr05:156989835–179841131,Ha412HOChr05:182120488–185737096

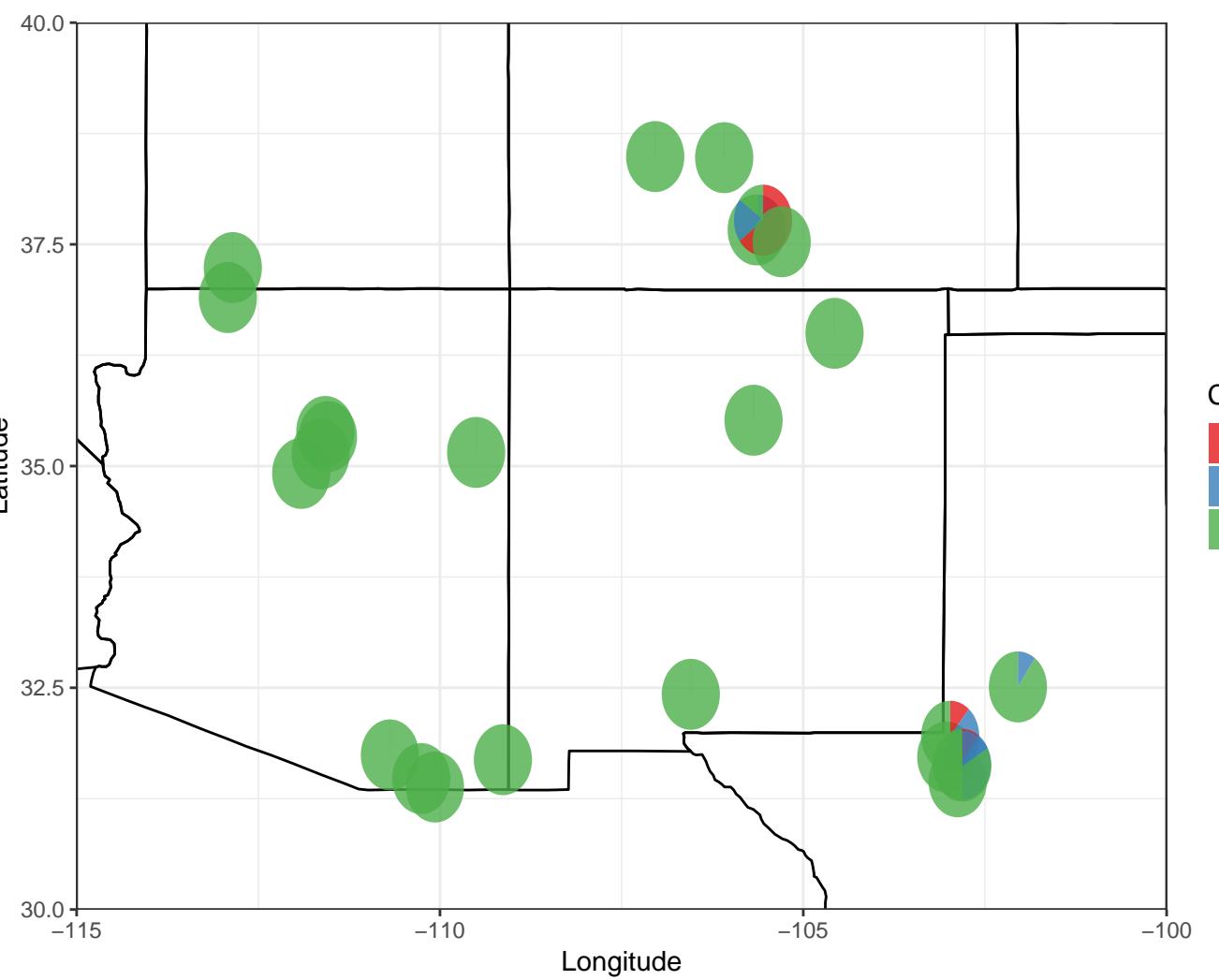


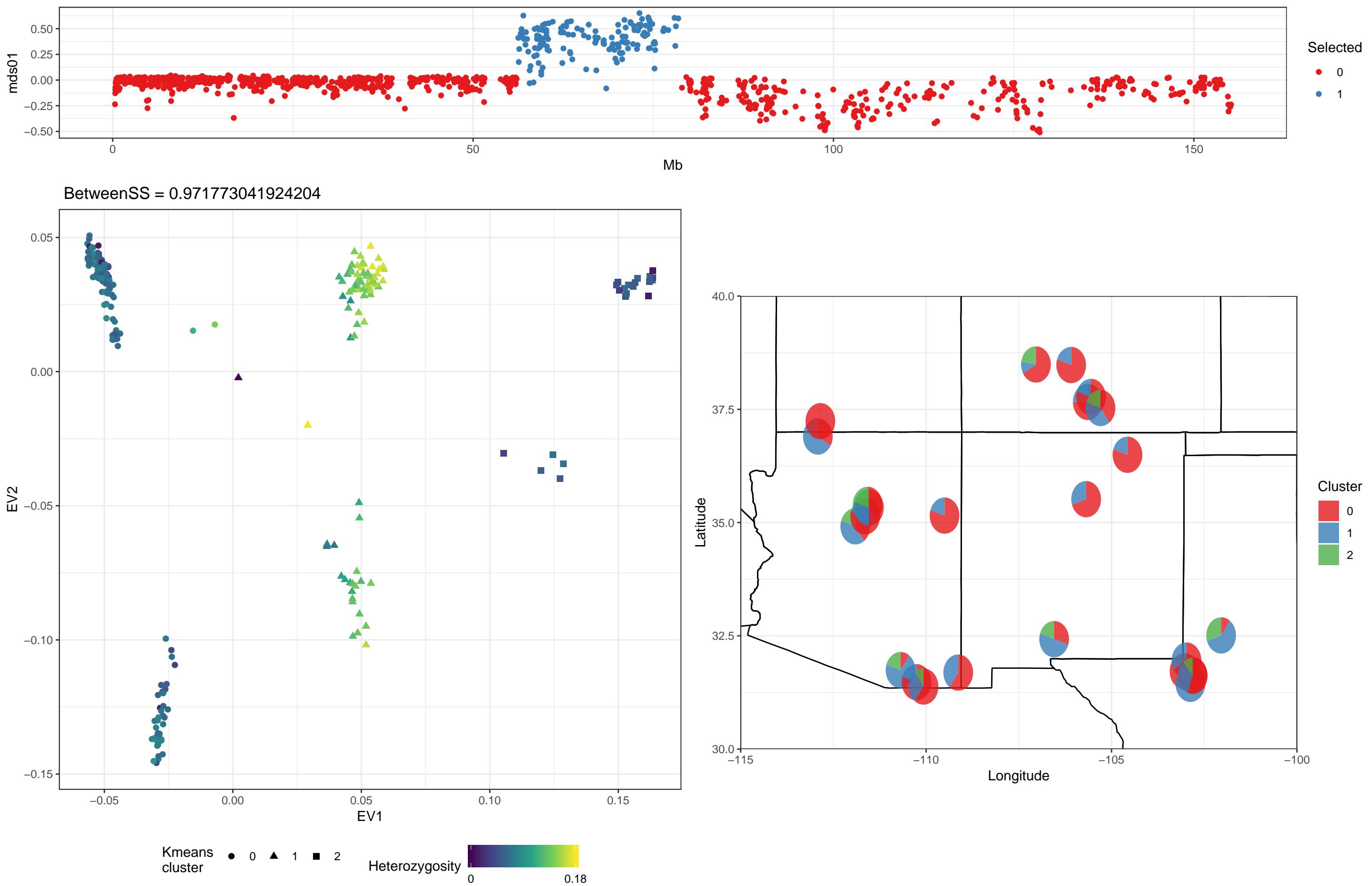
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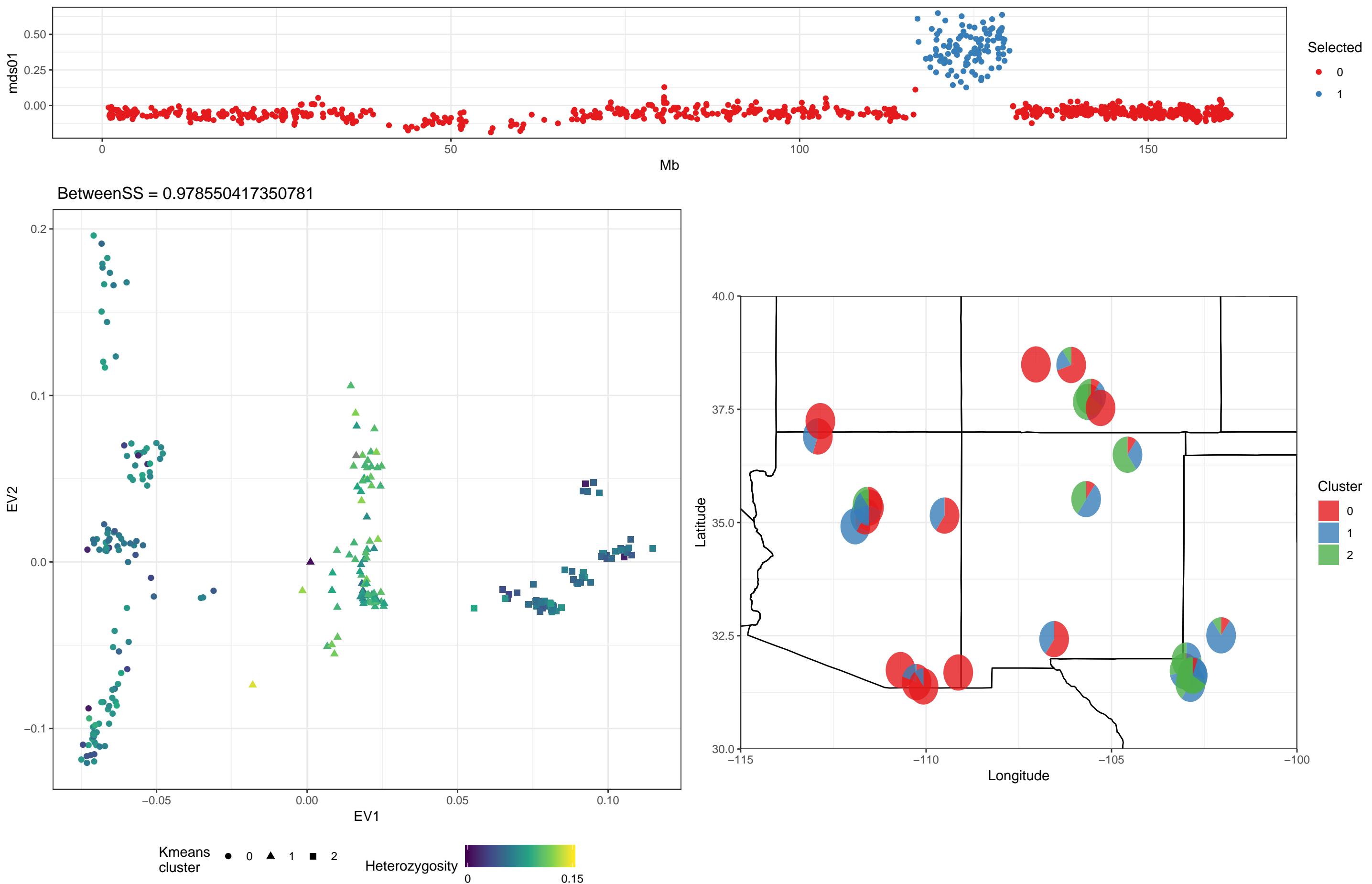


Kmeans
cluster

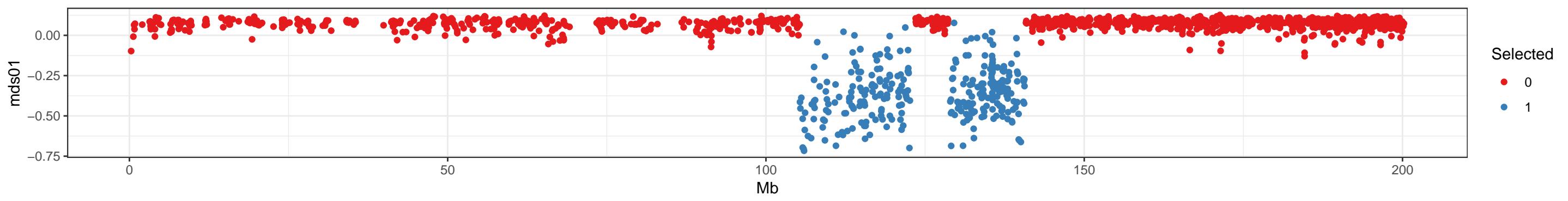
● 0 ▲ 1 ■ 2
Heterozygosity
0 0.13



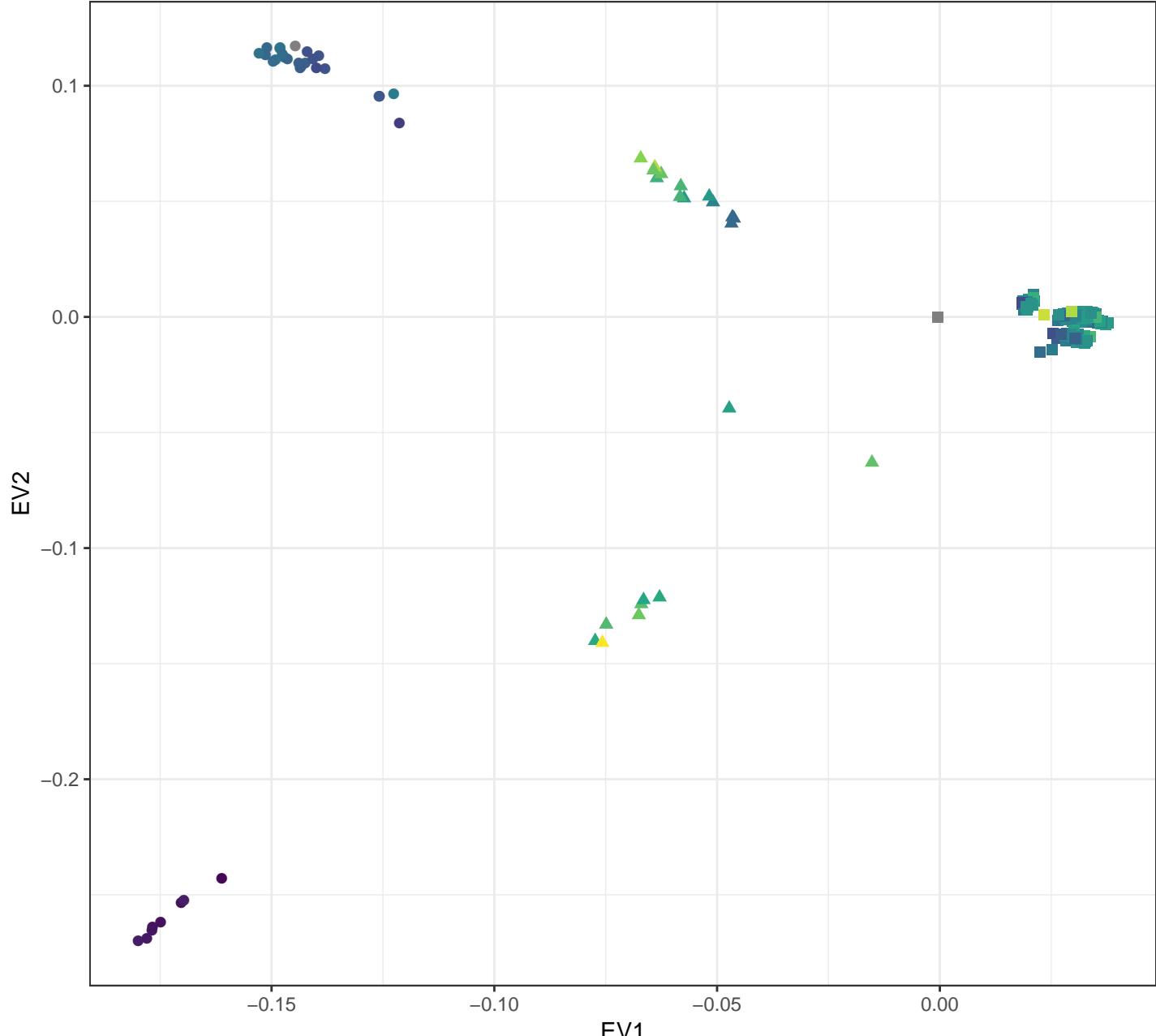




petfal Ha412HOChr09:105308630–122623536,Ha412HOChr09:128856133–140632242



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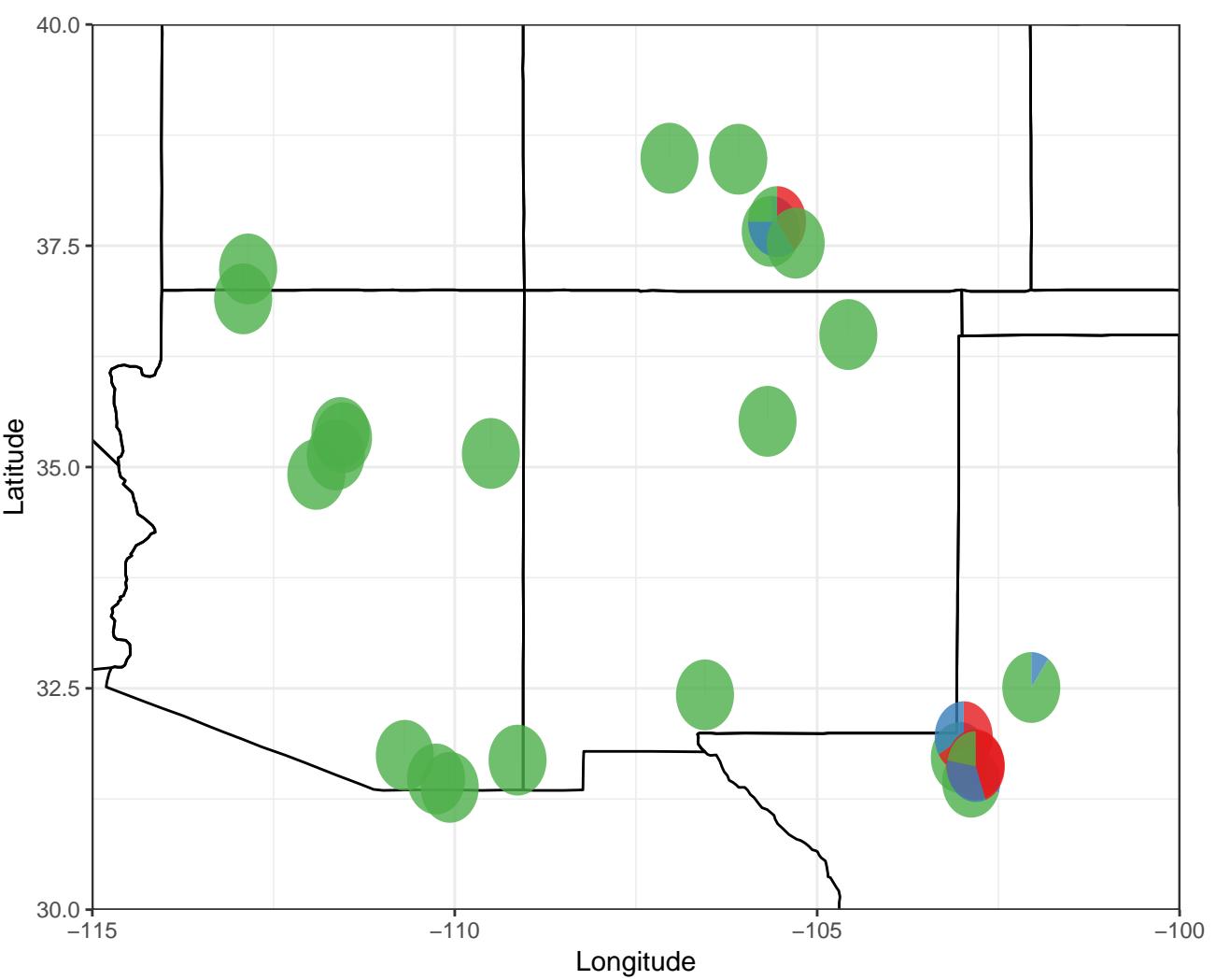


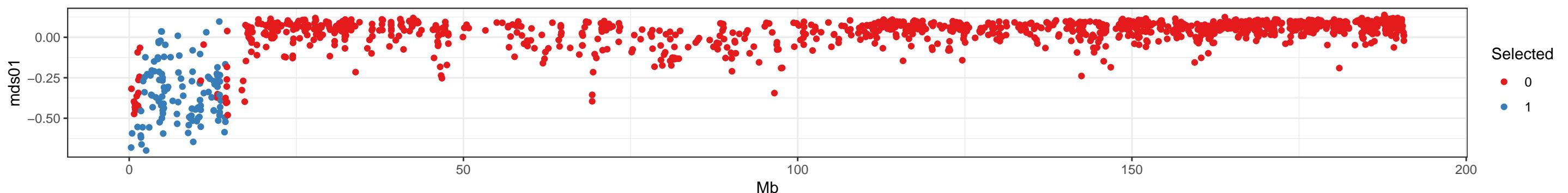
Kmeans
cluster

- 0
- 1
- 2

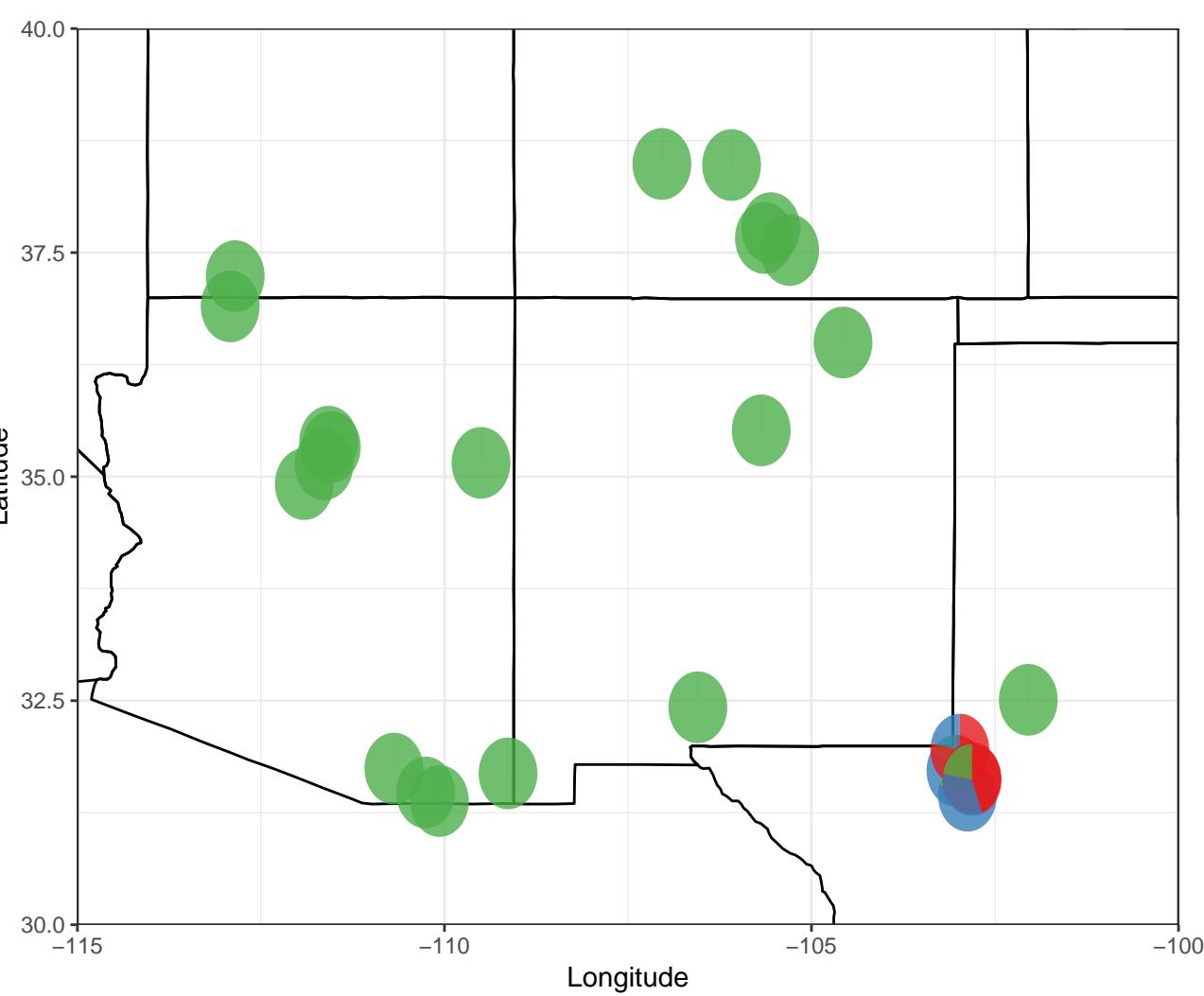
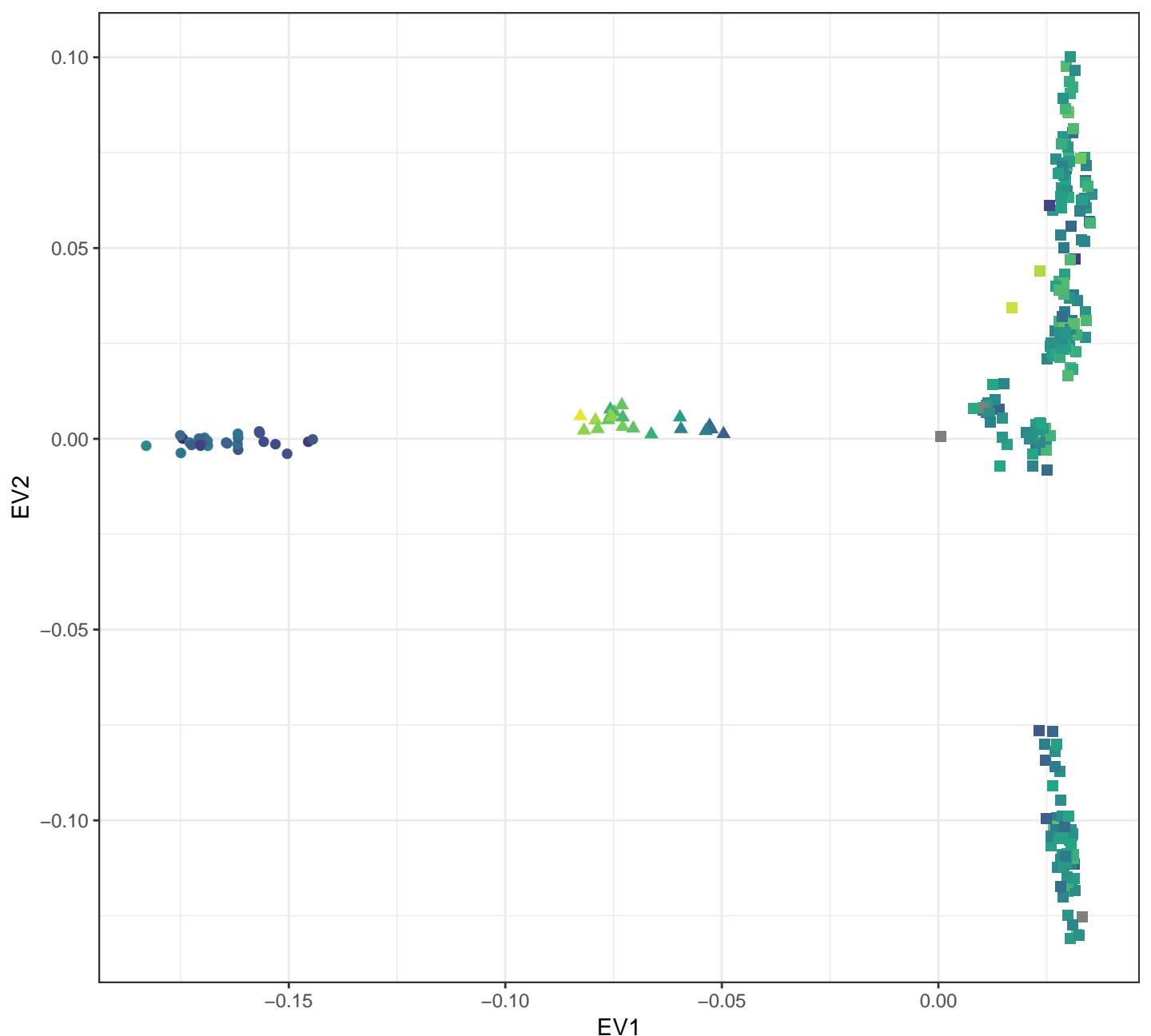
Heterozygosity

0.01 0.14





BetweenSS = 0.988924044082118



Kmeans
cluster

● 0 ▲ 1 ■ 2

Heterozygosity

0.01 0.12

