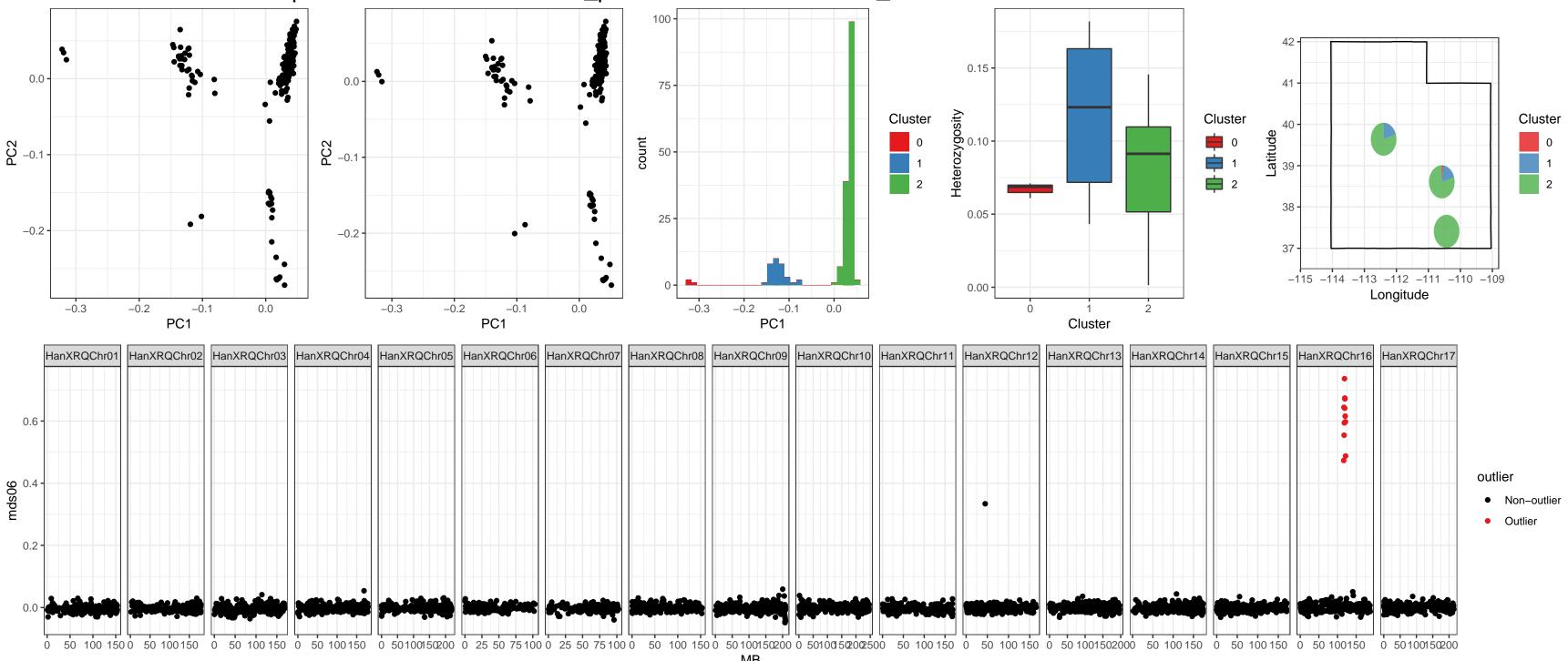
mds04-pos BetweenSS=0.948 Het_pvalue=0.0911 Window_cluster=10.25 Location=HanXRQChr11:140MB 0.20 Cluster Cluster 25 _{0.1} -115 -114 -113 -112 -111 -110 -109 Longitude PC1 Cluster HanXRQChr05 HanXRQChr06 HanXRQChr07 HanXRQChr08 HanXRQChr09 HanXRQChr10 HanXRQChr11 HanXRQChr12 HanXRQChr13 HanXRQChr14 HanXRQChr15 HanXRQChr16 HanXRQChr17

mds05-neg BetweenSS=0.957 Het_pvalue=7.53e-10 Window_cluster=10.56 Location=HanXRQChr03:75MB 0.15 -Cluster Cluster Cluster PC2 -115 -114 -113 -112 -111 -110 -109 Longitude -0.2PC1 PC1 PC1 Cluster HanXRQChr05 HanXRQChr06 HanXRQChr12 HanXRQChr13 HanXRQChr14 outlier **908pu** -0.2

mds06-pos BetweenSS=0.981 Het_pvalue=0.000524 Window_cluster=1.1 Location=HanXRQChr16:119MB



mds12-neg BetweenSS=0.983 Het_pvalue=0.0885 Window_cluster=2.5 Location=HanXRQChr05:90MB 0.15 -Cluster Cluster Cluster -115 -114 -113 -112 -111 -110 -109 Longitude -0.10.0 PC1 PC1 PC1 Cluster **Sp** -0.2

mds13-neg BetweenSS=0.965 Het_pvalue=5.54e-07 Window_cluster=2.71 Location=HanXRQChr14:51MB

