mds03−neg BetweenSS=0.986 Het_pvalue=5.79e−07 Window_cluster=4.08 Location=HanXRQChr03:54MB
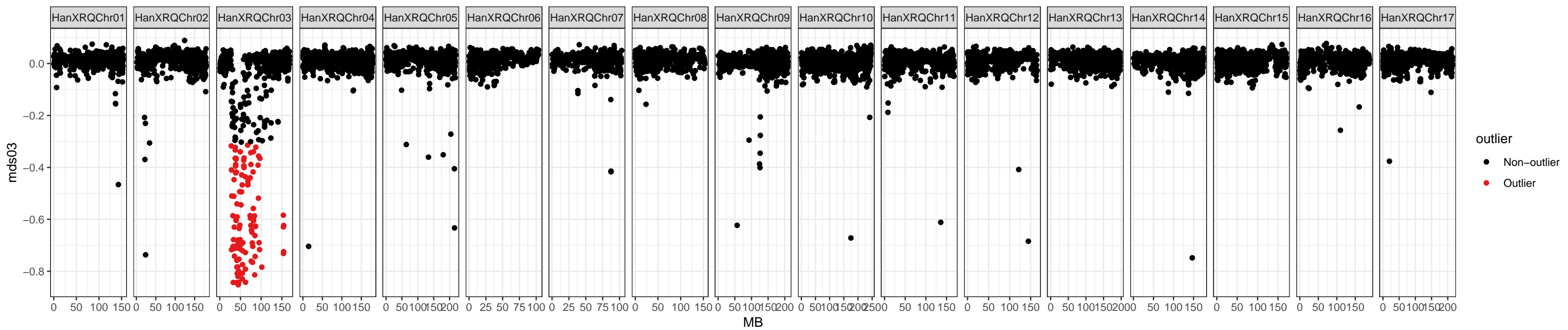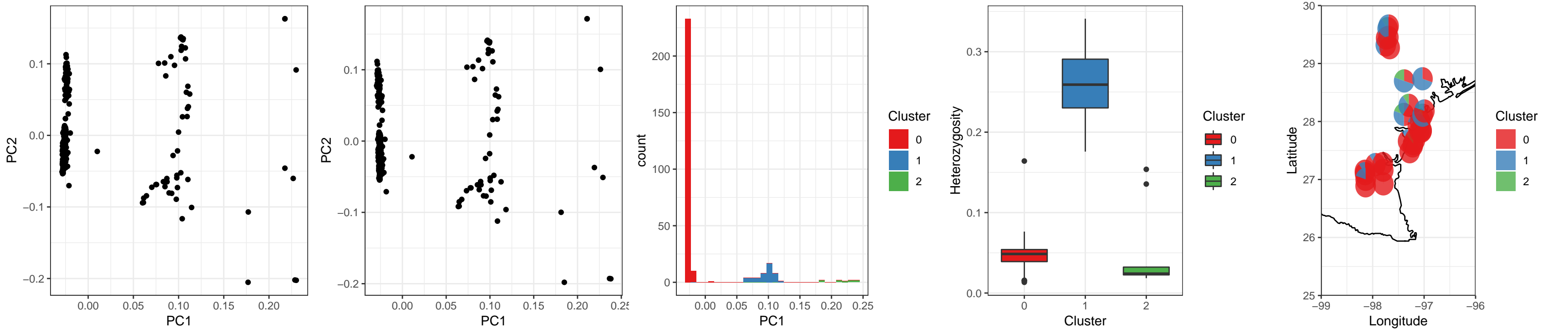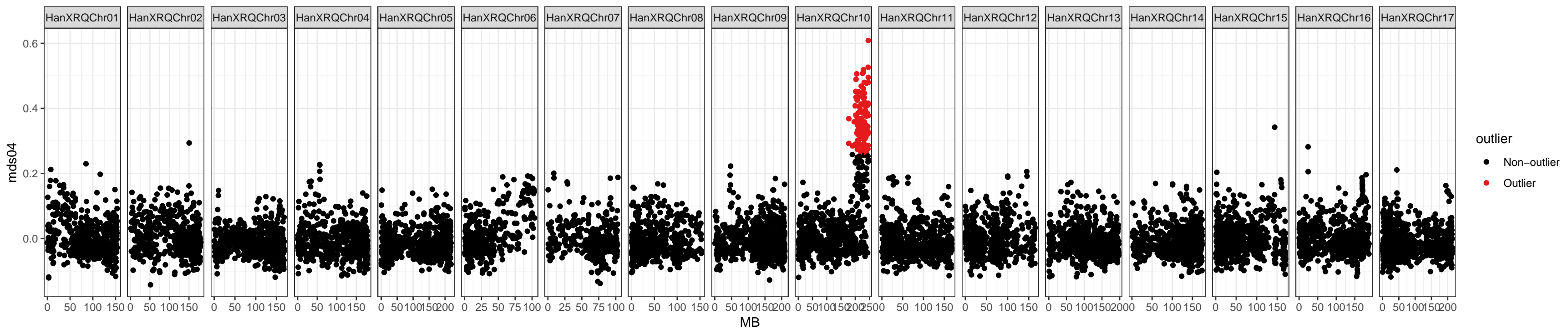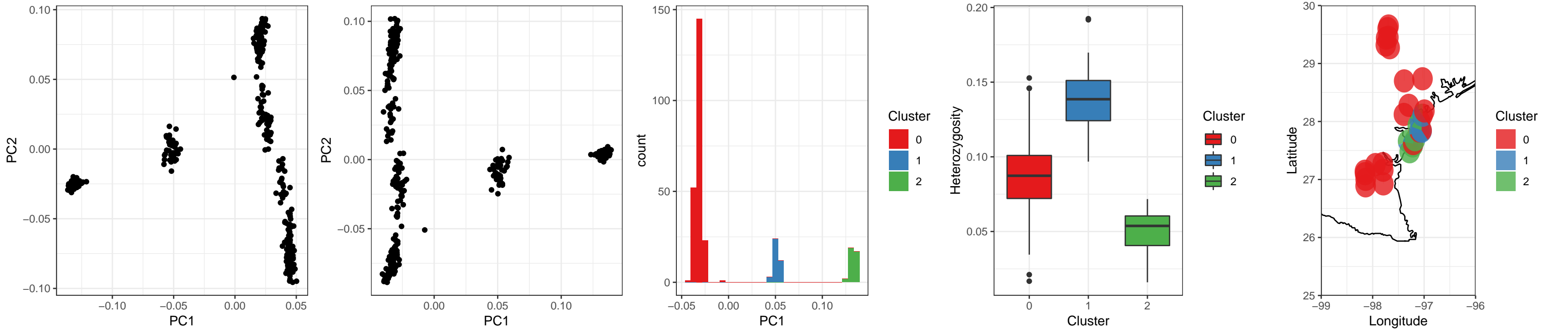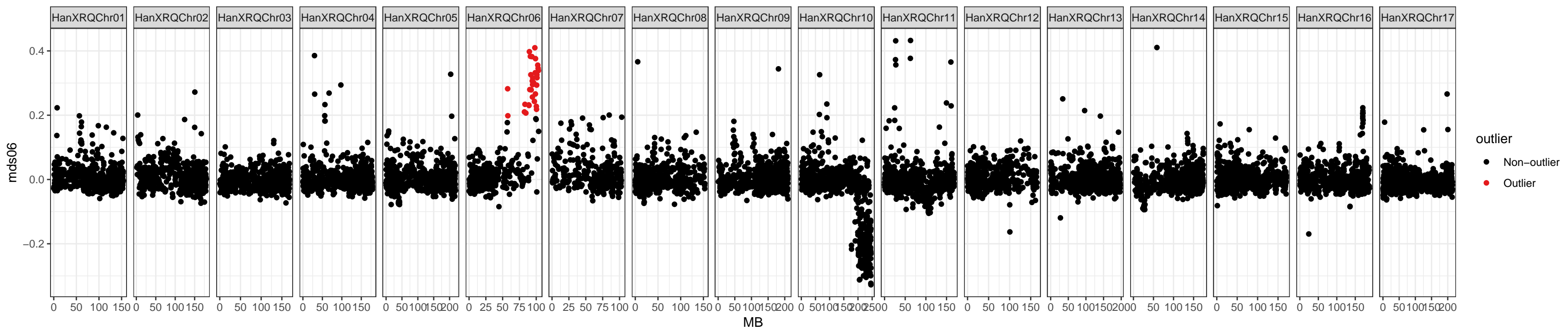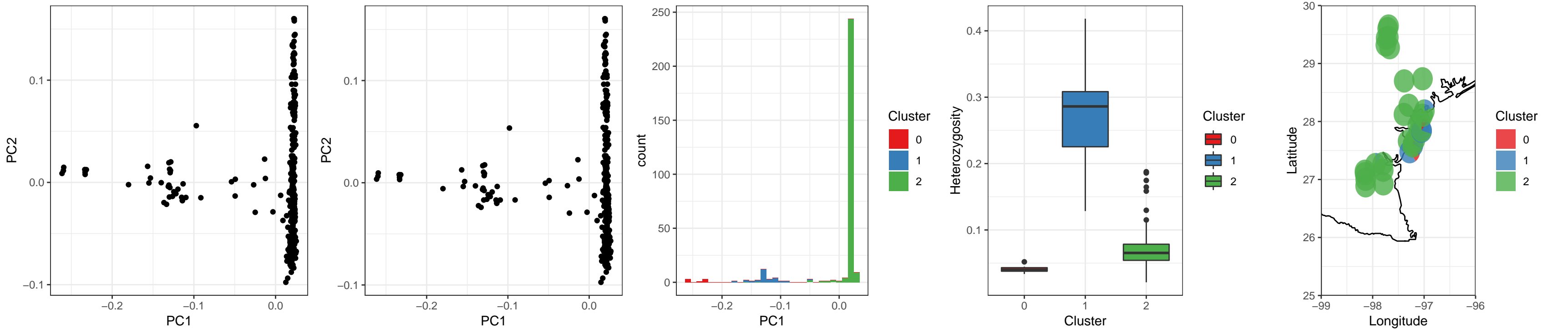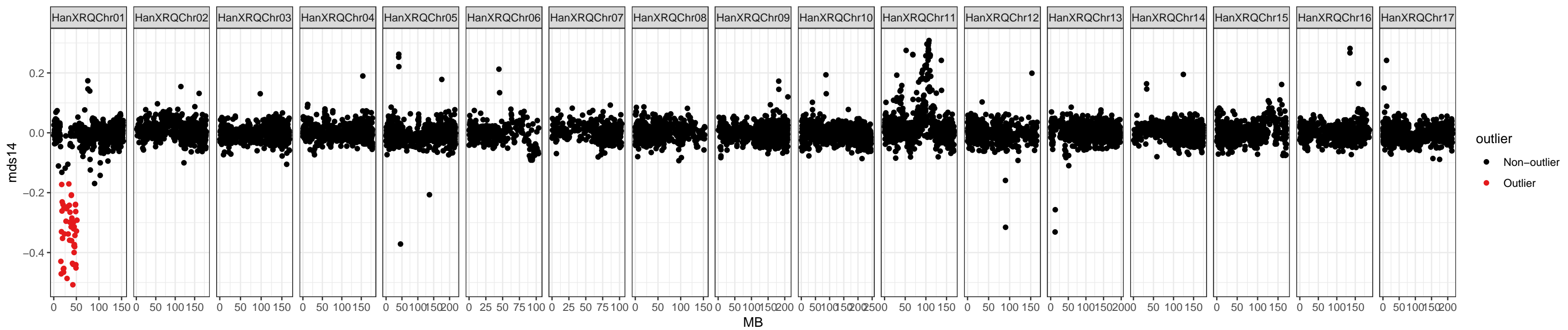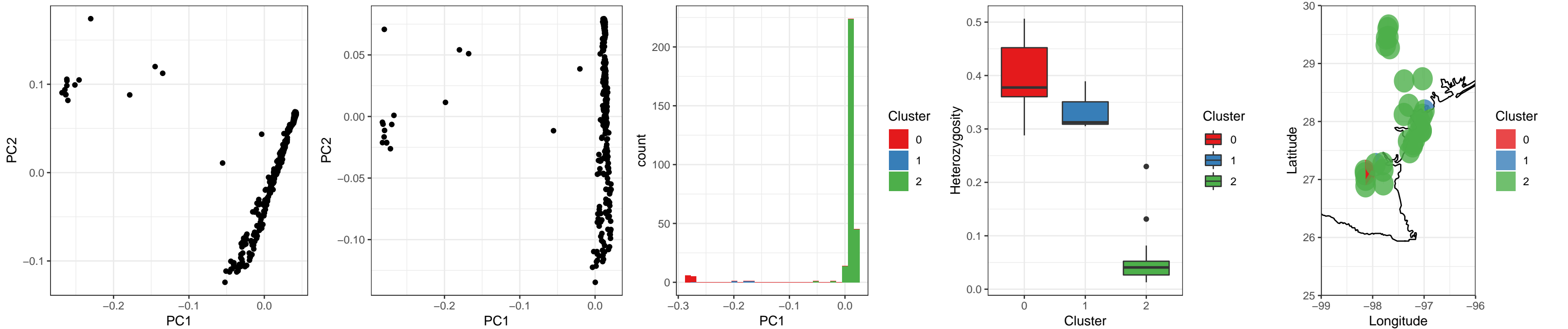
mds04-pos BetweenSS=0.996 Het_pvalue=1.14e−20 Window_cluster=2.39 Location=HanXRQChr10:227MB
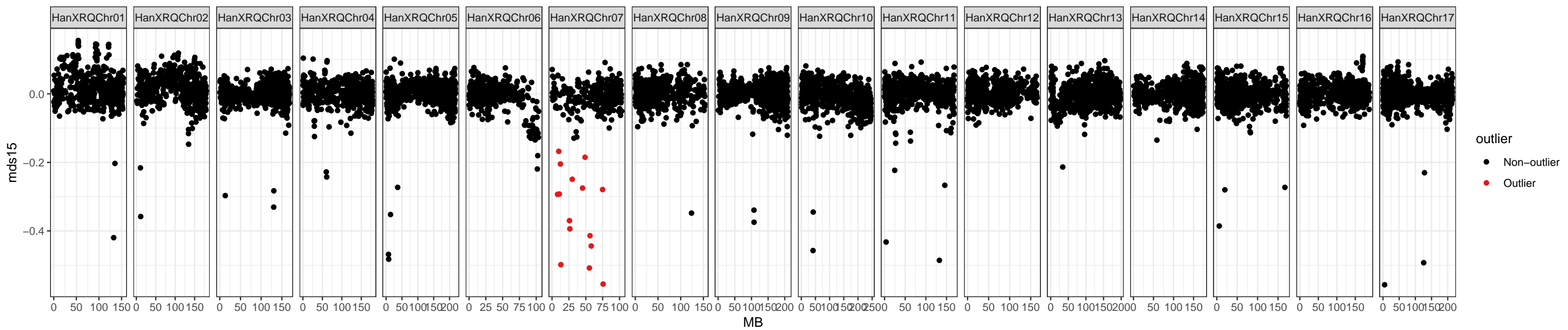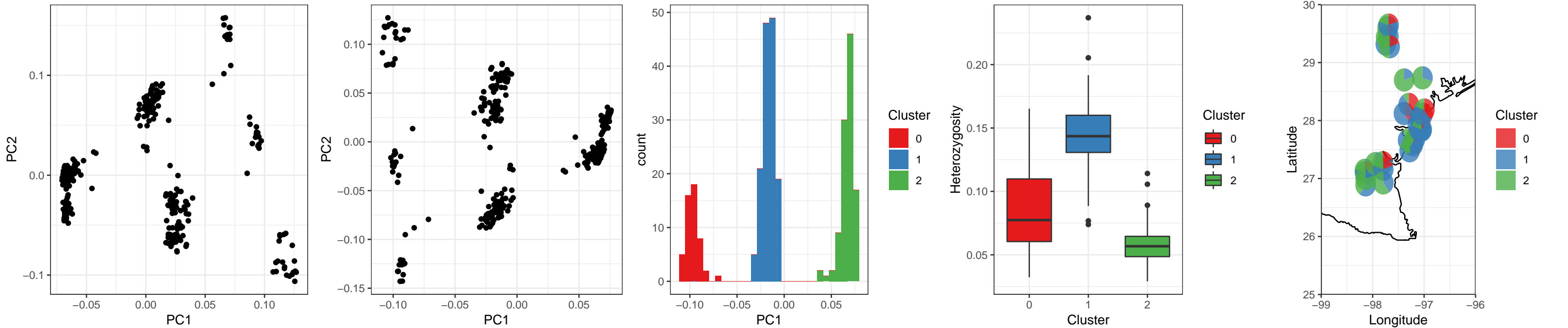
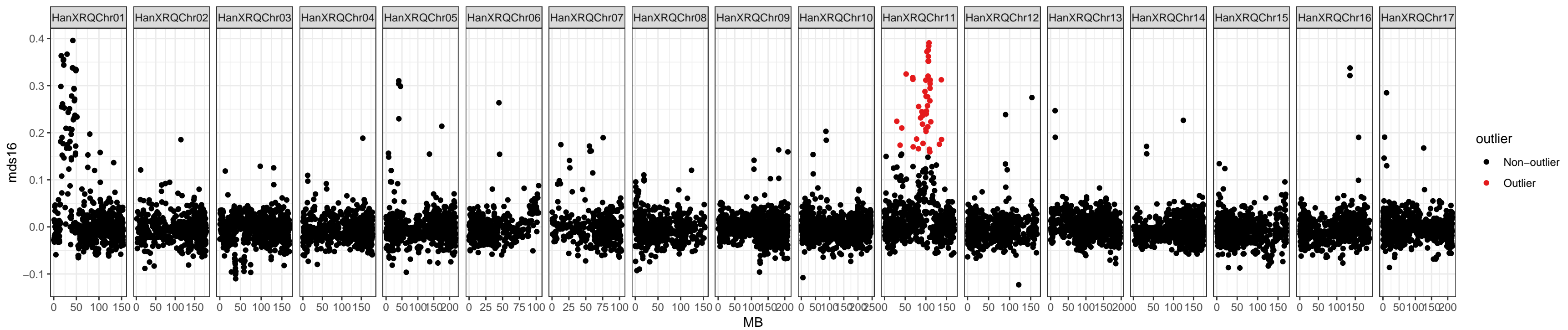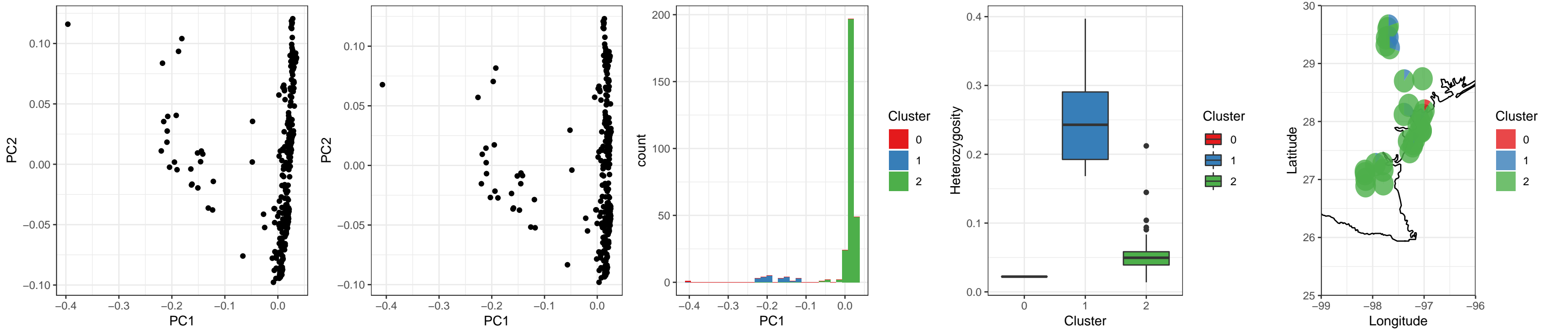mds06-pos BetweenSS=0.966 Het_pvalue=5.06e−16 Window_cluster=2.55 Location=HanXRQChr06:95MB

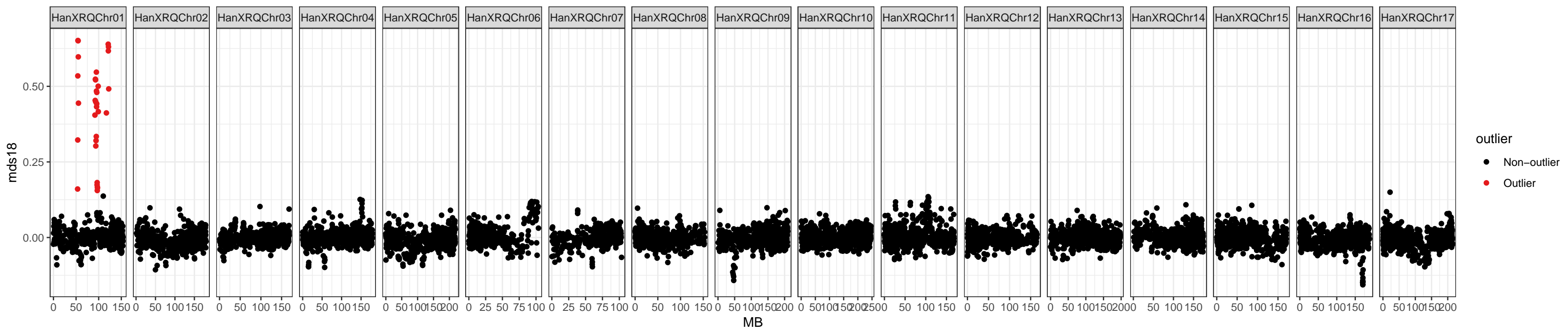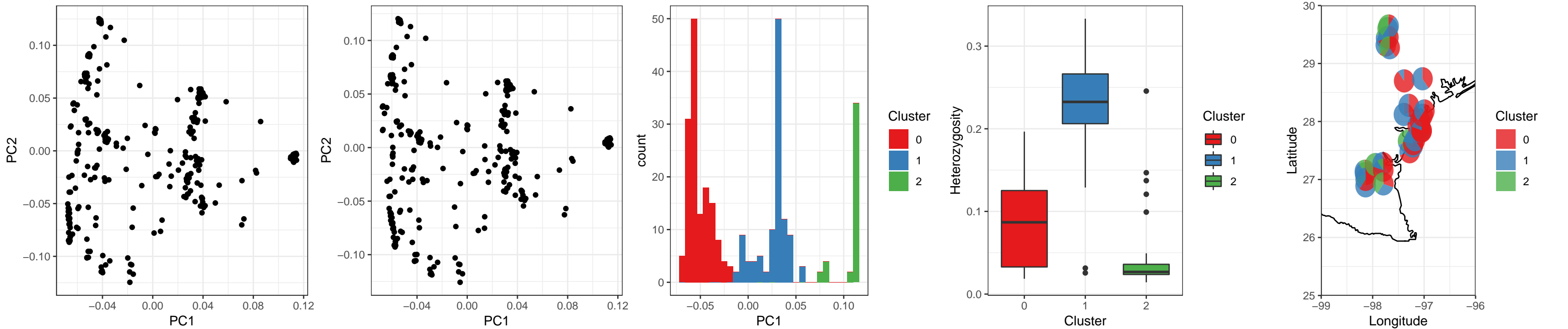mds14−neg BetweenSS=0.989 Het_pvalue=NA Window_cluster=1.38 Location=HanXRQChr01:37MB

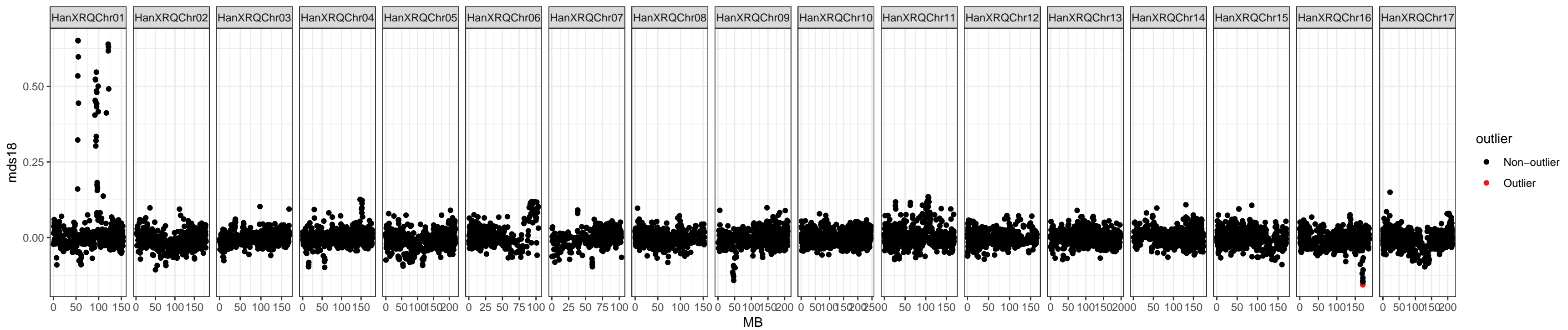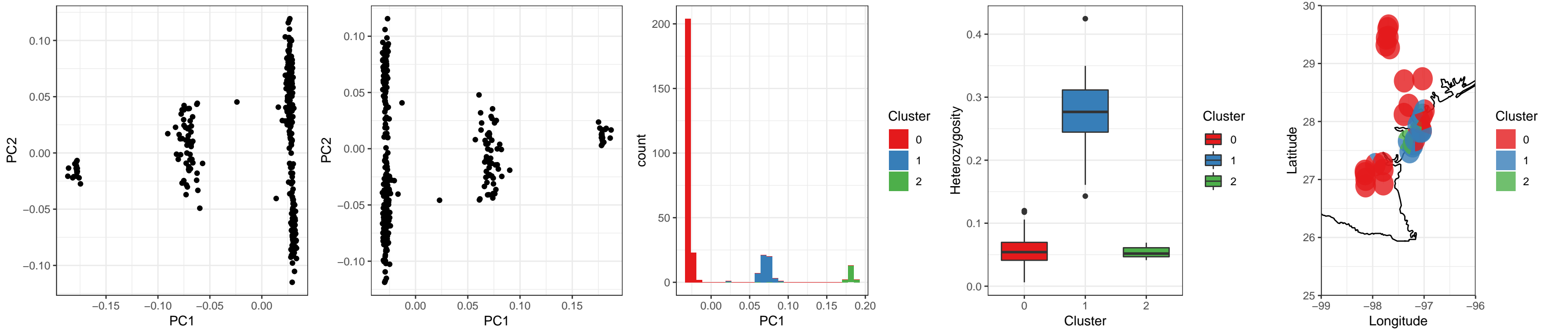mds15−neg BetweenSS=0.987 Het_pvalue=2.78e−18 Window_cluster=11.21 Location=HanXRQChr07:30MB

mds16−pos BetweenSS=0.947 Het_pvalue=NA Window_cluster=7.59 Location=HanXRQChr11:101MB

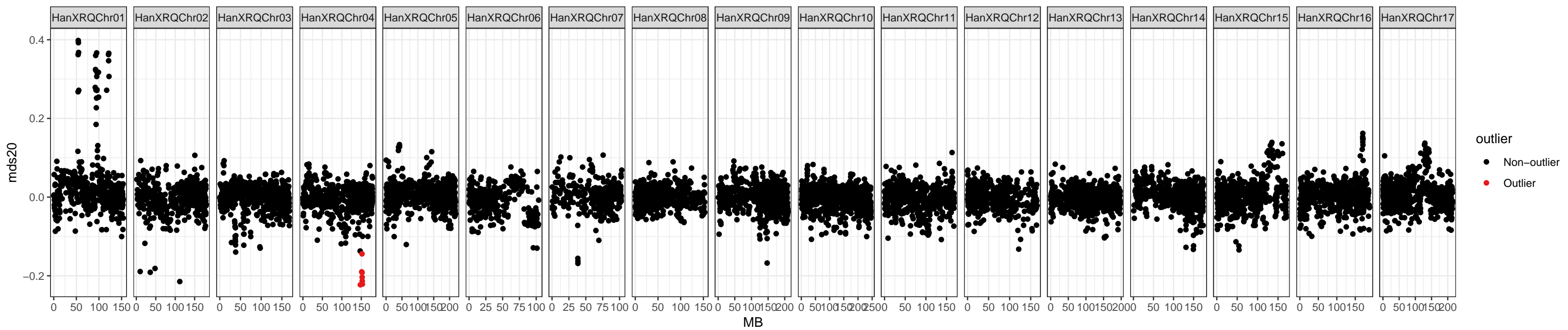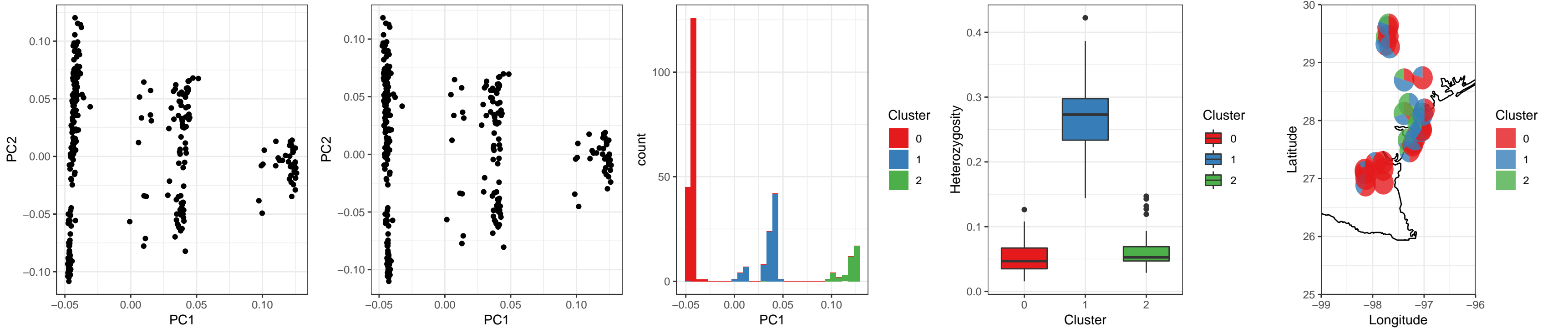mds18−pos BetweenSS=0.949 Het_pvalue=9.99e−38 Window_cluster=8 Location=HanXRQChr01:95MB

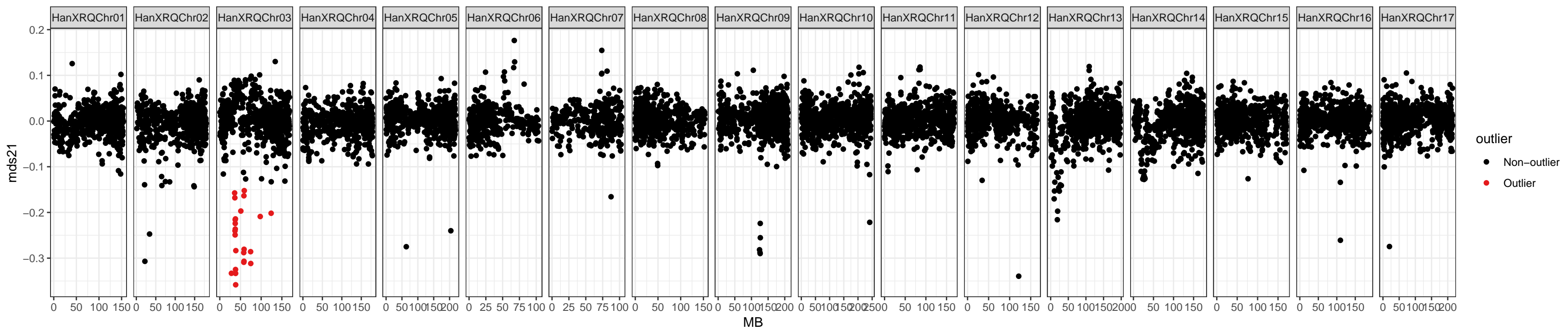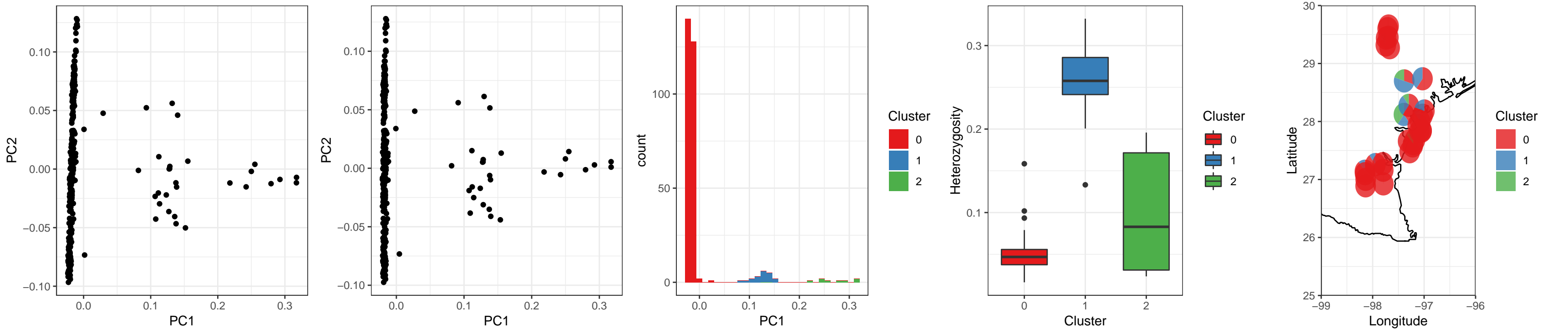mds18−neg BetweenSS=0.994 Het_pvalue=3.37e−37 Window_cluster=1.33 Location=HanXRQChr16:170MB

mds20-neg BetweenSS=0.987 Het_pvalue=5.13e-53 Window_cluster=2.83 Location=HanXRQChr04:152MB

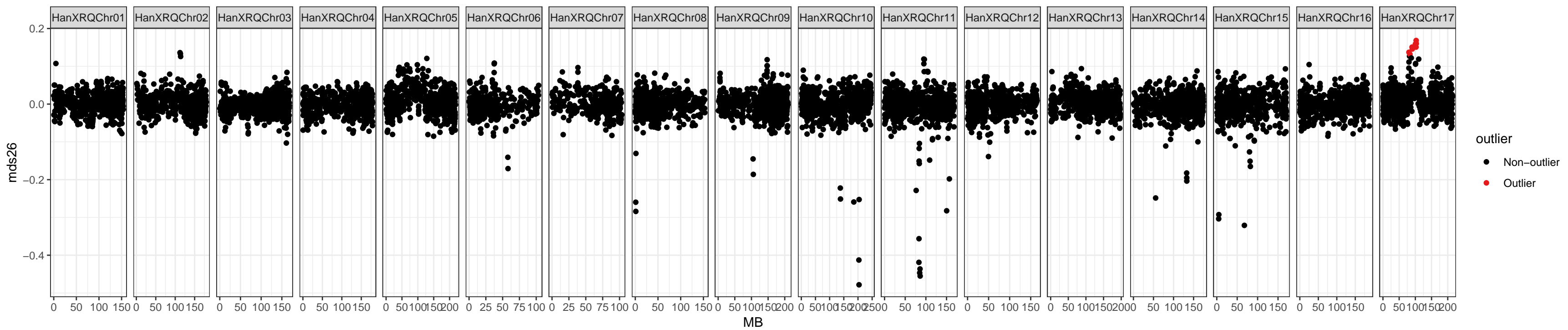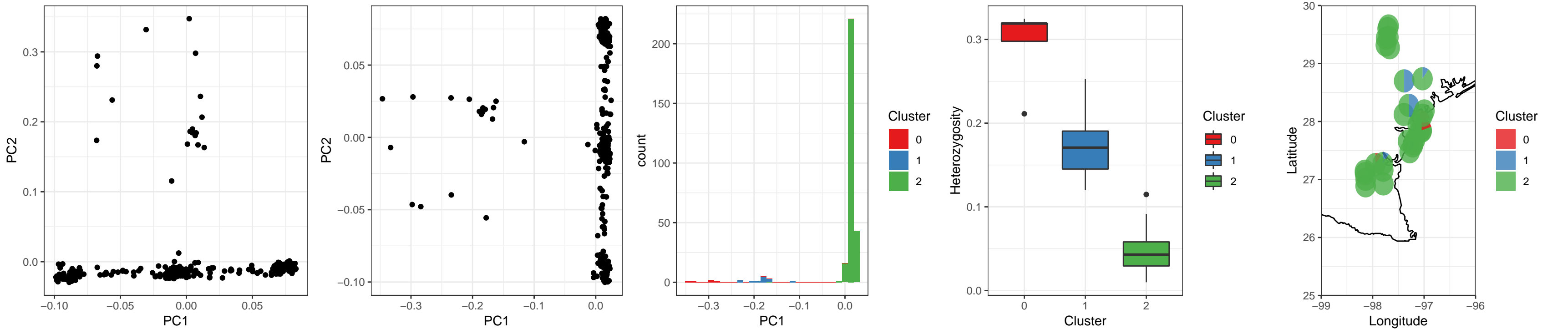# mds21−neg BetweenSS=0.981 Het_pvalue=0.000298 Window_cluster=12.87 Location=HanXRQChr03:39MB

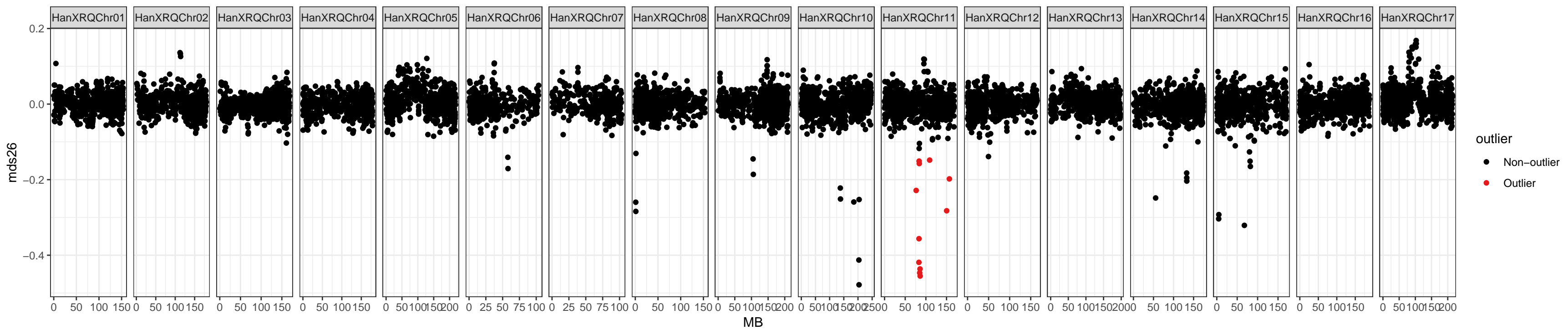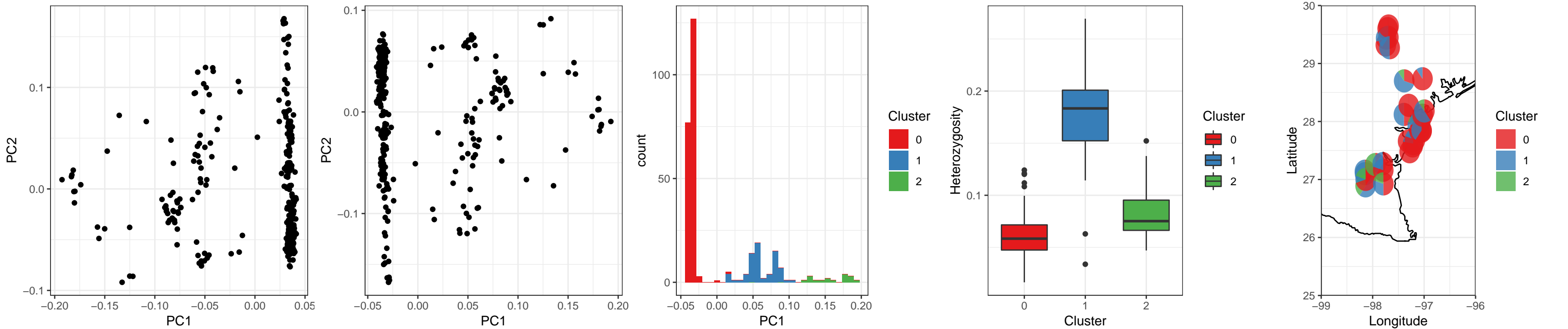mds23-pos BetweenSS=0.929 Het_pvalue=5.07e−07 Window_cluster=9.05 Location=HanXRQChr17:131MB
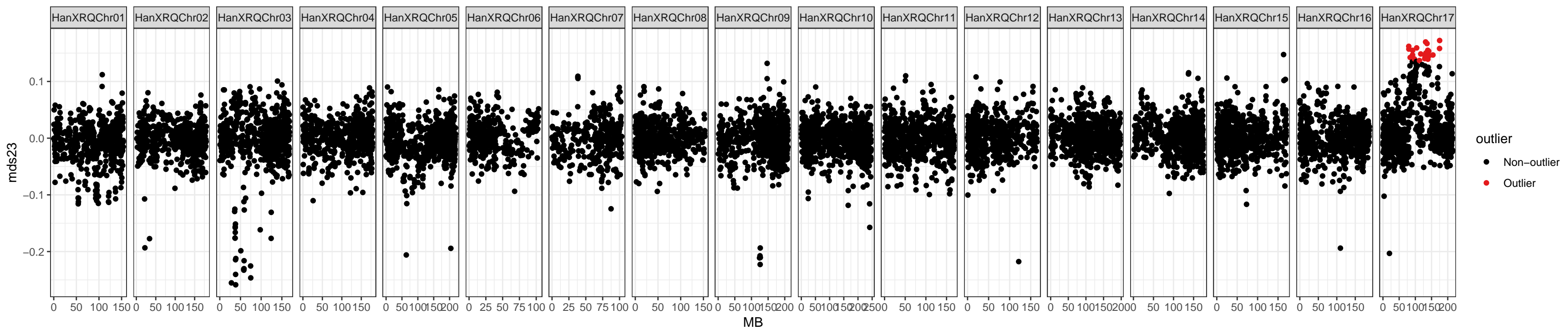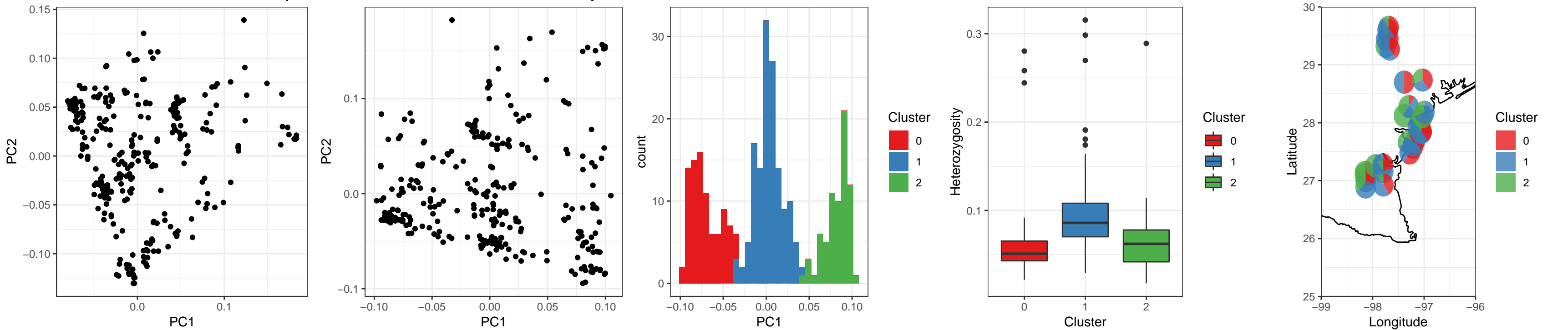
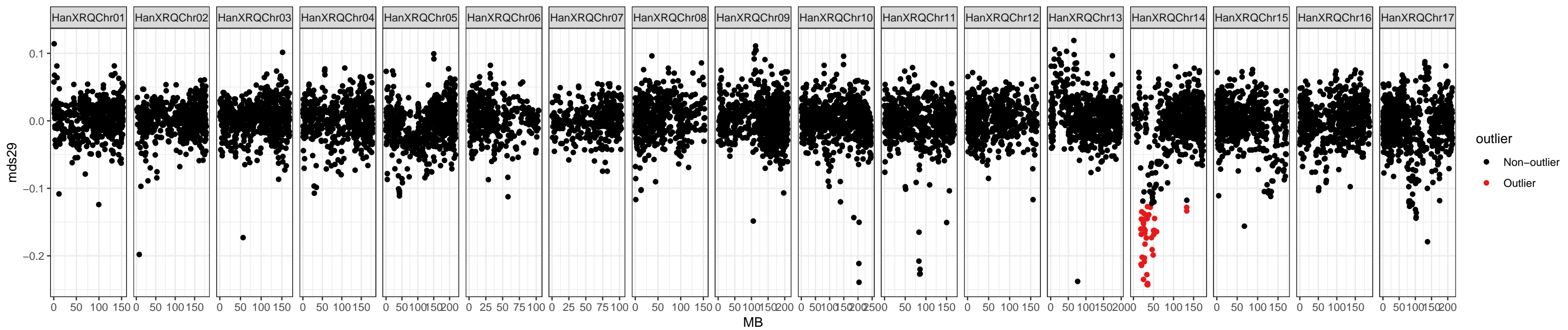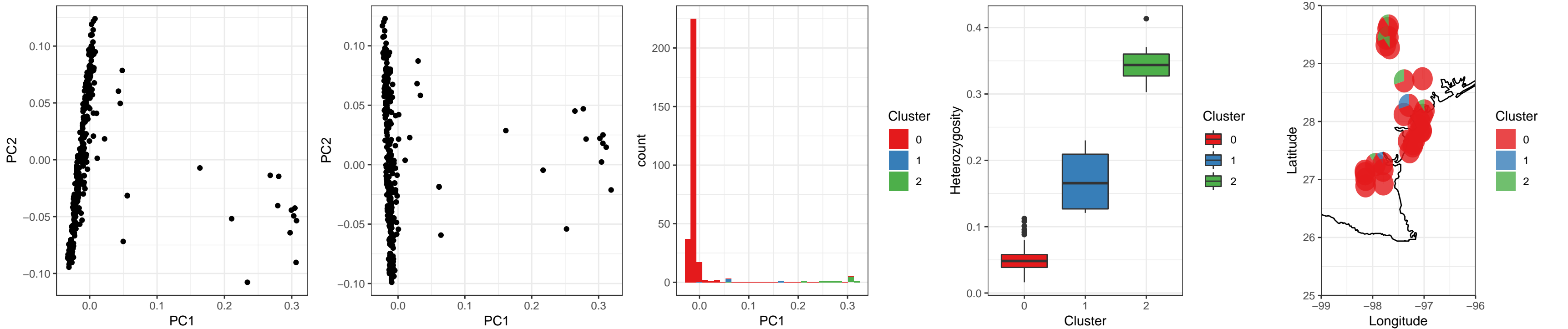mds25−neg BetweenSS=0.881 Het_pvalue=0.00115 Window_cluster=3.96 Location=HanXRQChr17:117MB
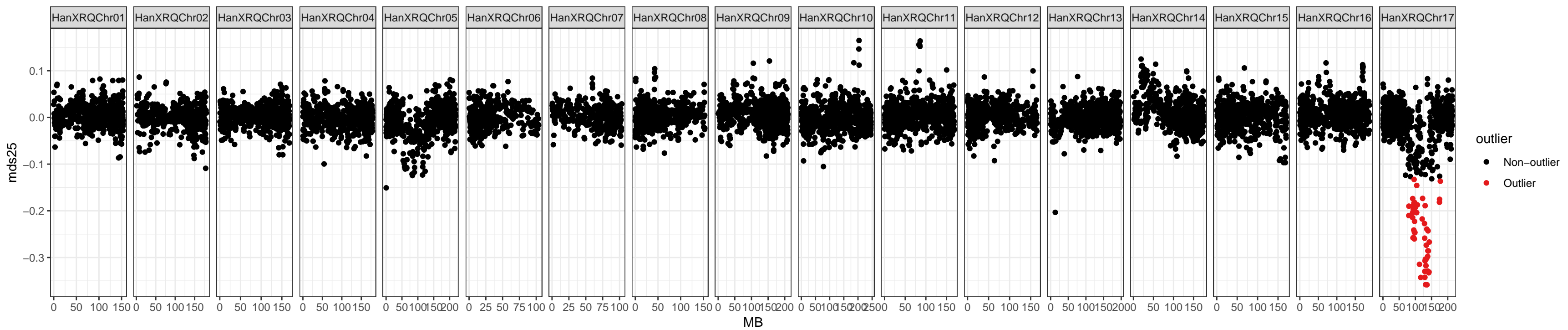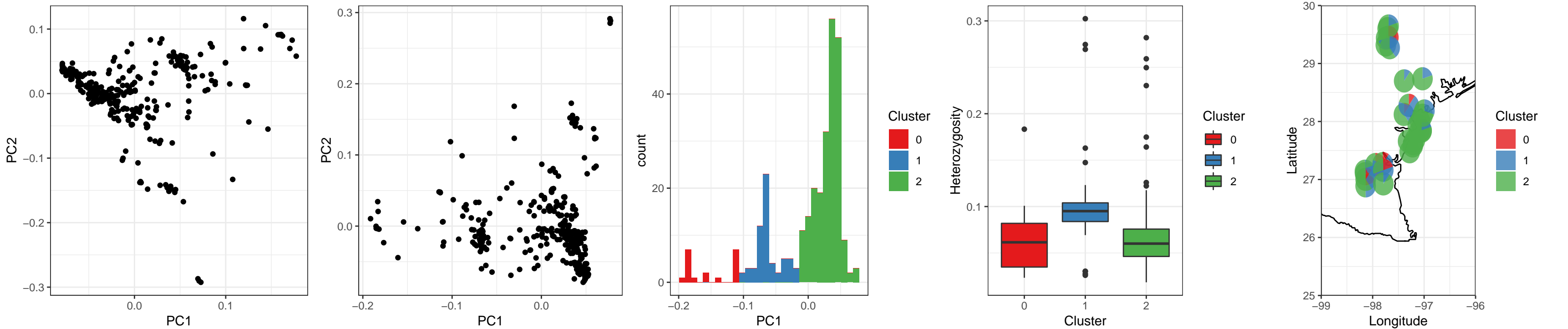
mds26−pos BetweenSS=0.978 Het_pvalue=NA Window_cluster=7.14 Location=HanXRQChr17:95MB

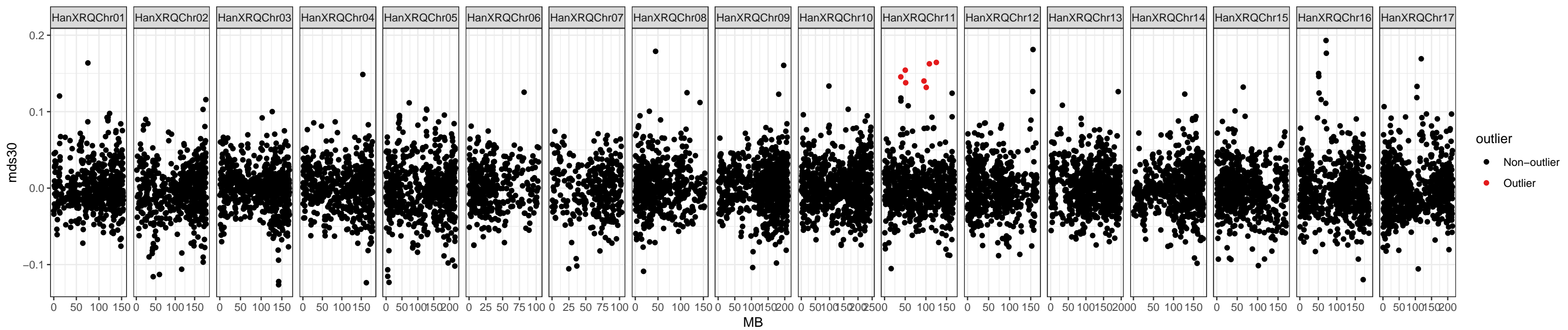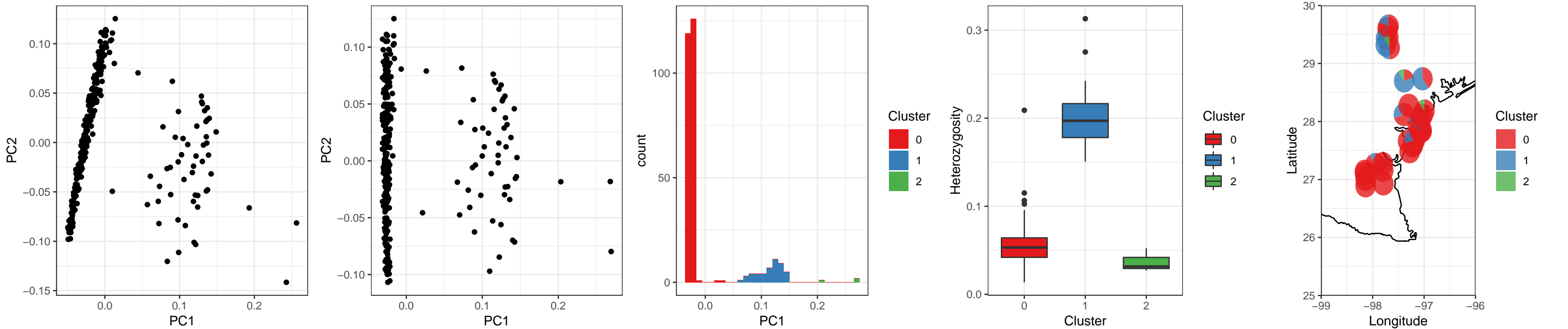mds26−neg BetweenSS=0.956 Het_pvalue=1.13e−10 Window_cluster=24.4 Location=HanXRQChr11:85MB

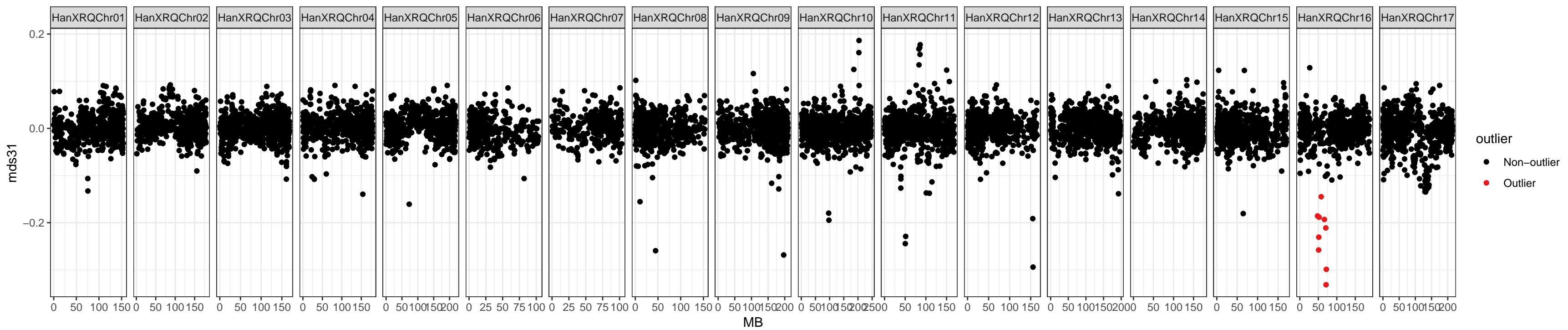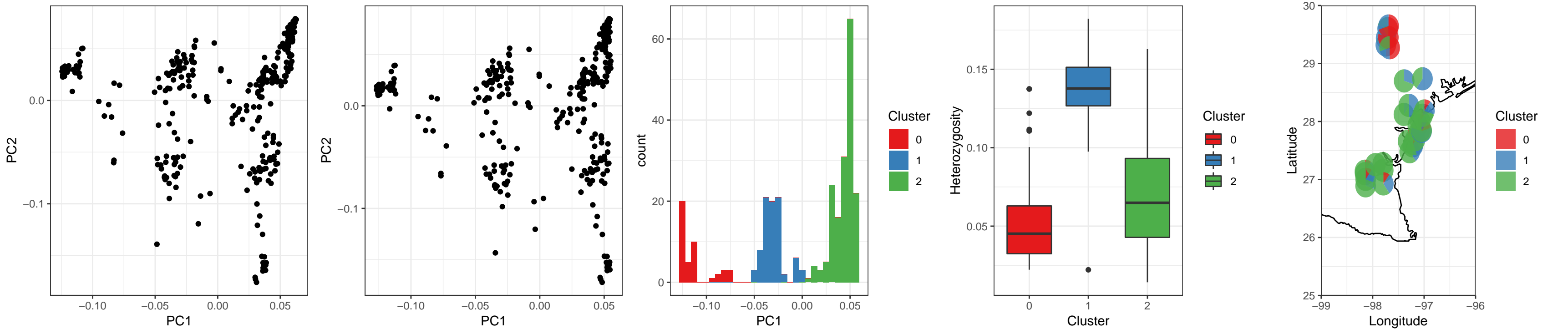mds29−neg BetweenSS=0.97 Het_pvalue=NA Window_cluster=8.34 Location=HanXRQChr14:32MB

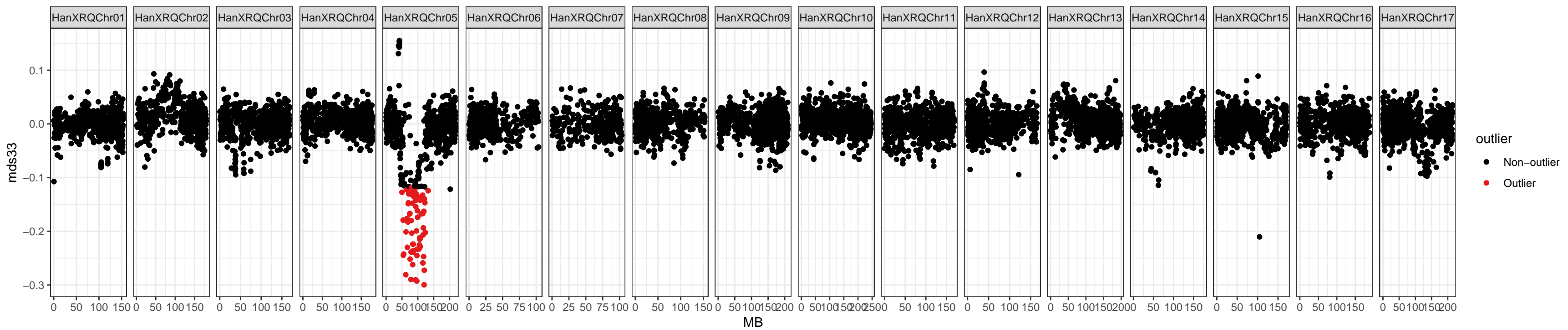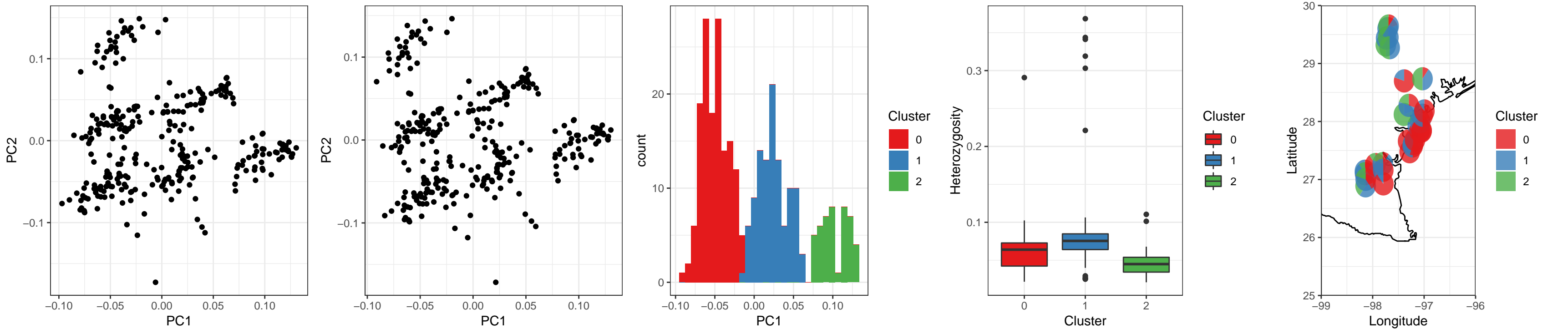mds30–pos BetweenSS=0.967 Het_pvalue=0.000101 Window_cluster=44 Location=HanXRQChr11:95MB

mds31−neg BetweenSS=0.959 Het_pvalue=9.13e−24 Window_cluster=4.62 Location=HanXRQChr16:58MB
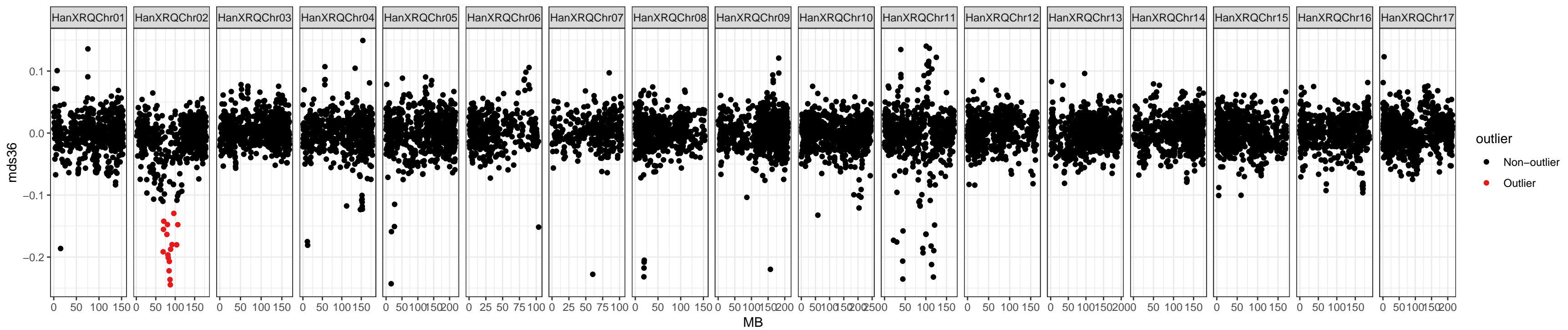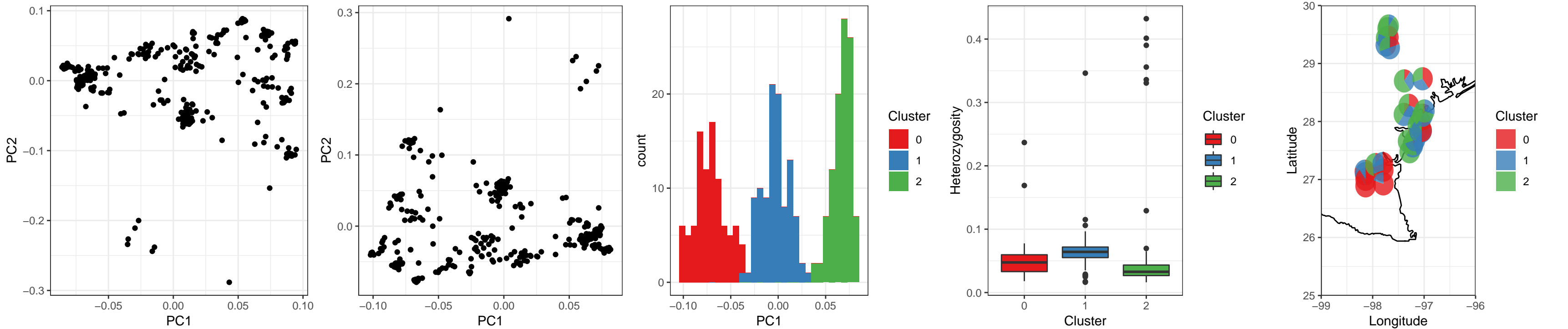
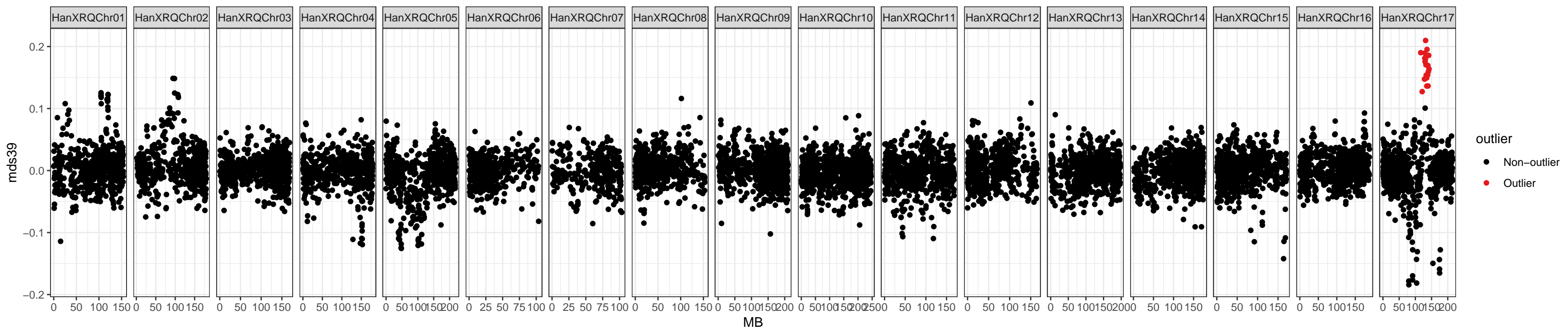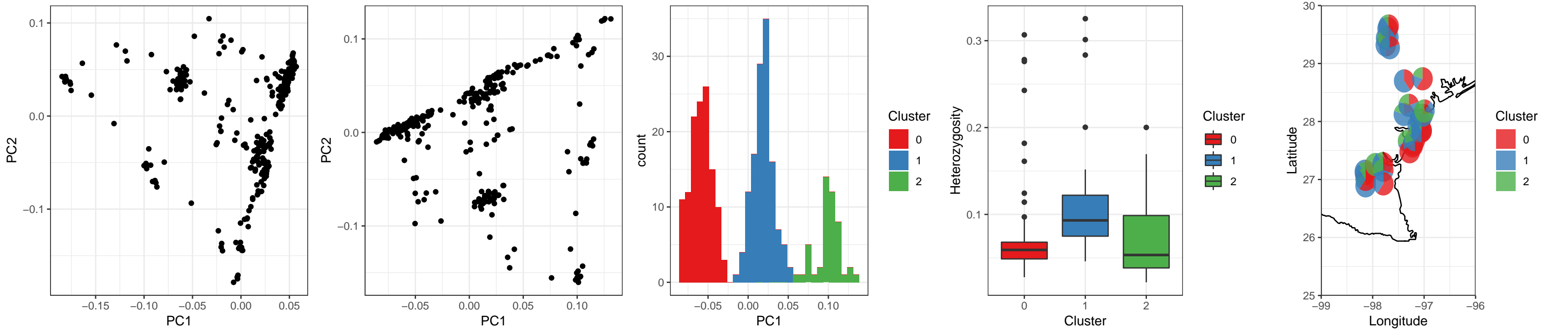mds33−neg BetweenSS=0.911 Het_pvalue=3.55e−05 Window_cluster=1.95 Location=HanXRQChr05:89MB

mds36-pos BetweenSS=0.969 Het_pvalue=3.51e-14 Window_cluster=22.67 Location=HanXRQChr11:108MB
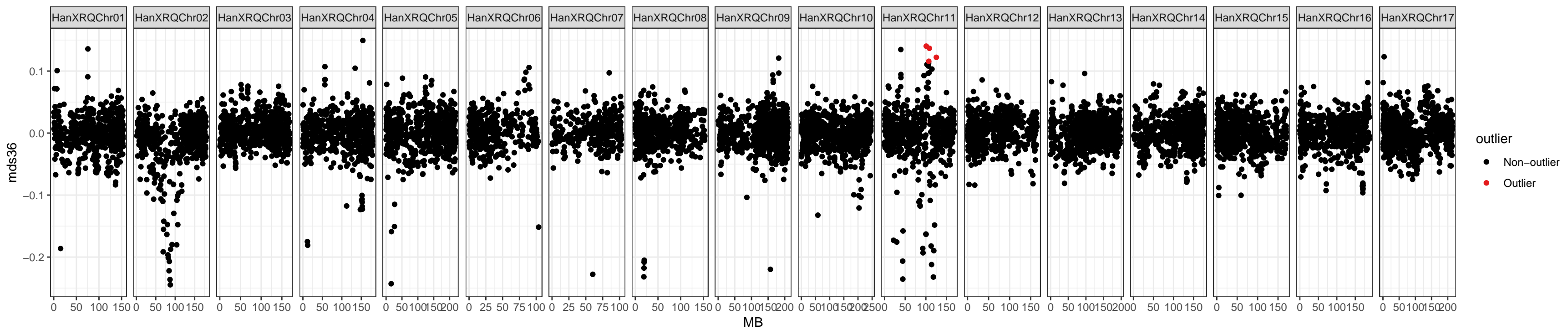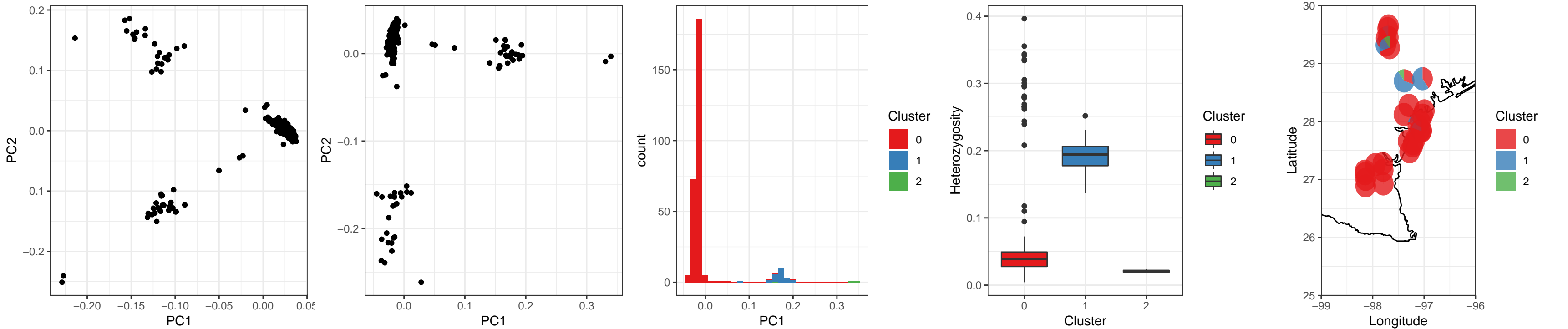
mds36−neg BetweenSS=0.947 Het_pvalue=0.198 Window_cluster=3.87 Location=HanXRQChr02:85MB

mds39−pos BetweenSS=0.947 Het_pvalue=1.81e−06 Window_cluster=1.8 Location=HanXRQChr17:134MB

mds40-pos BetweenSS=0.935 Het_pvalue=3.57e−08 Window_cluster=39.25 Location=HanXRQChr11:100MB
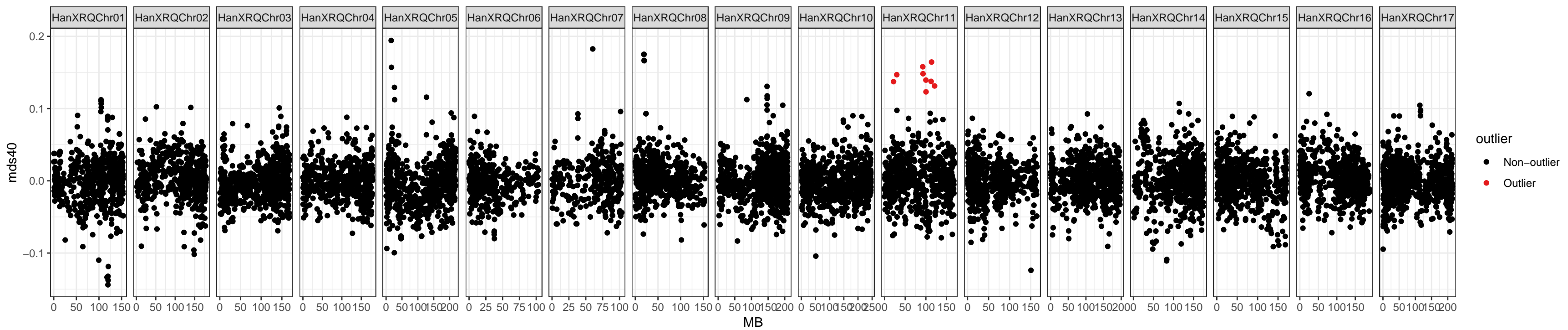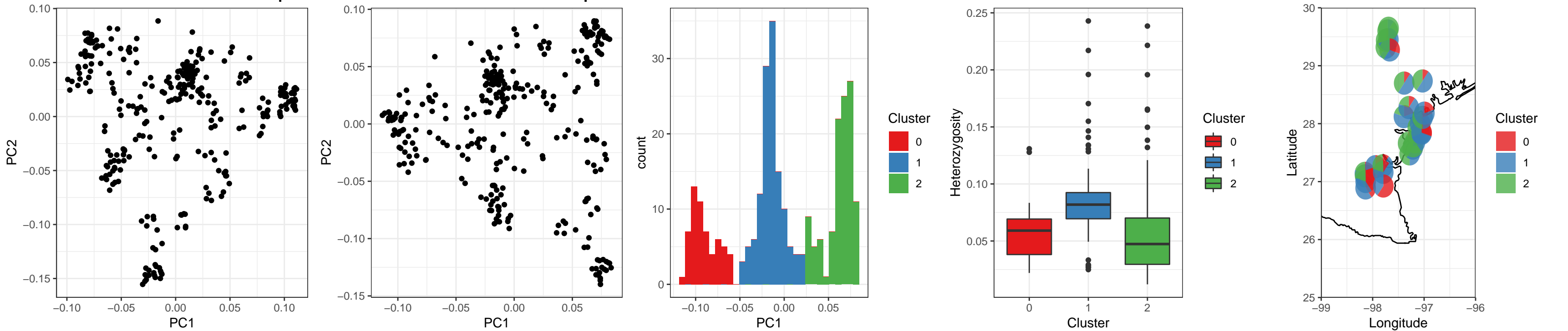
mds40−neg BetweenSS=0.991 Het_pvalue=7.44e−57 Window_cluster=2.2 Location=HanXRQChr01:120MB