mds03−neg BetweenSS=0.986 Het_pvalue=5.79e−07 Window_cluster=4.08 Location=HanXRQChr03:54MB
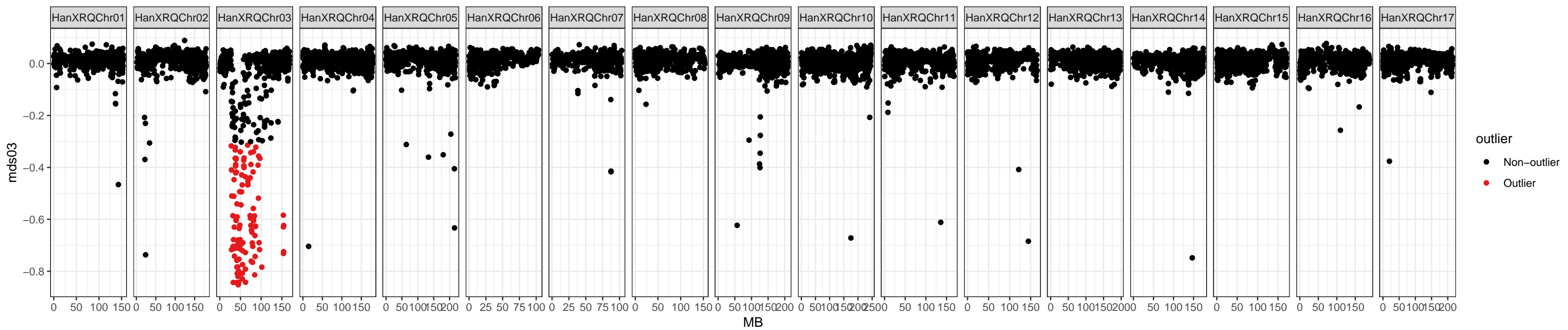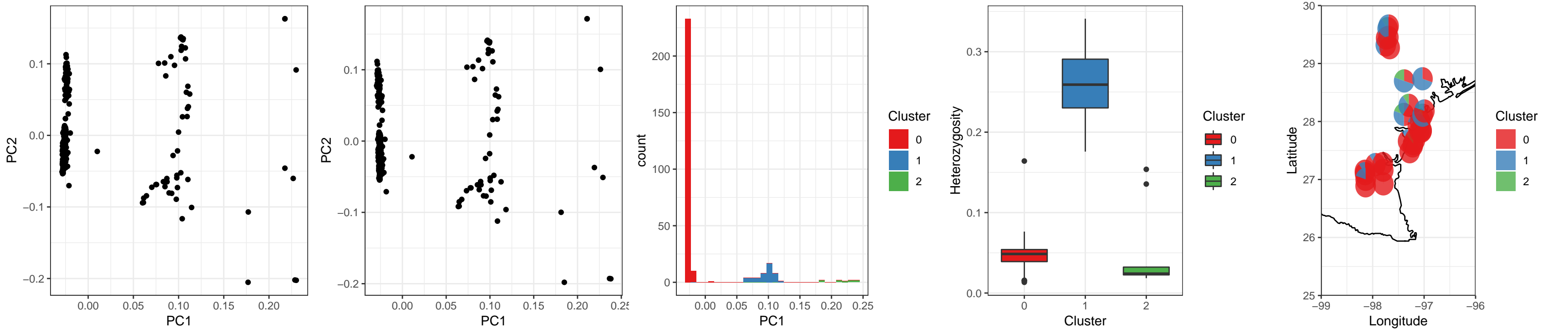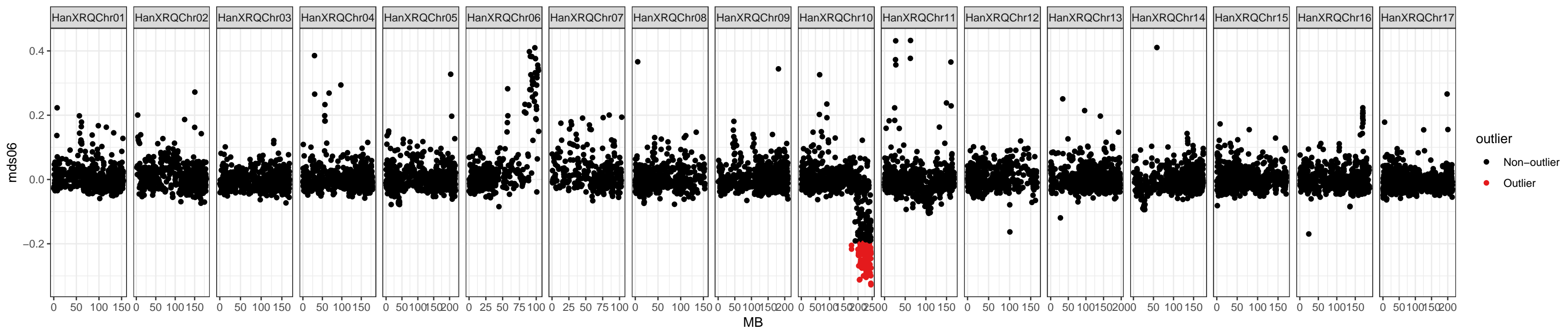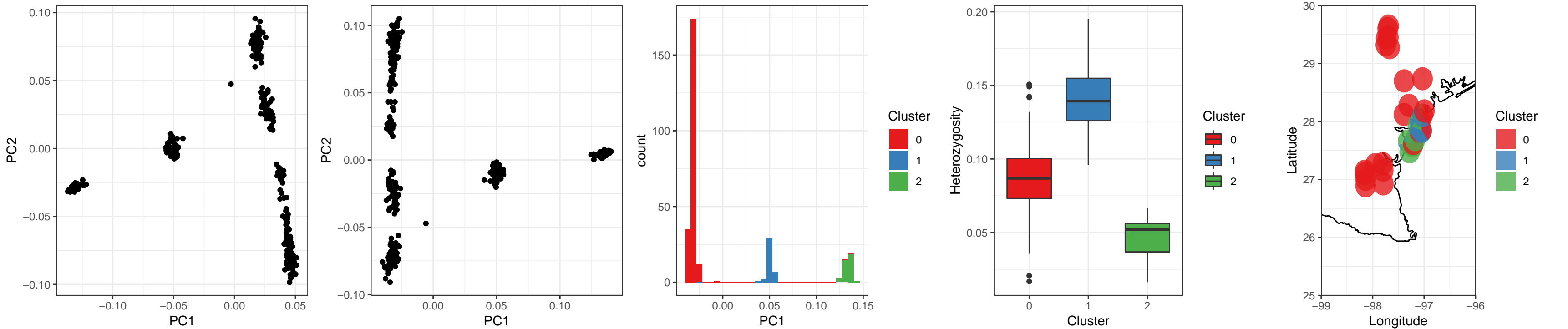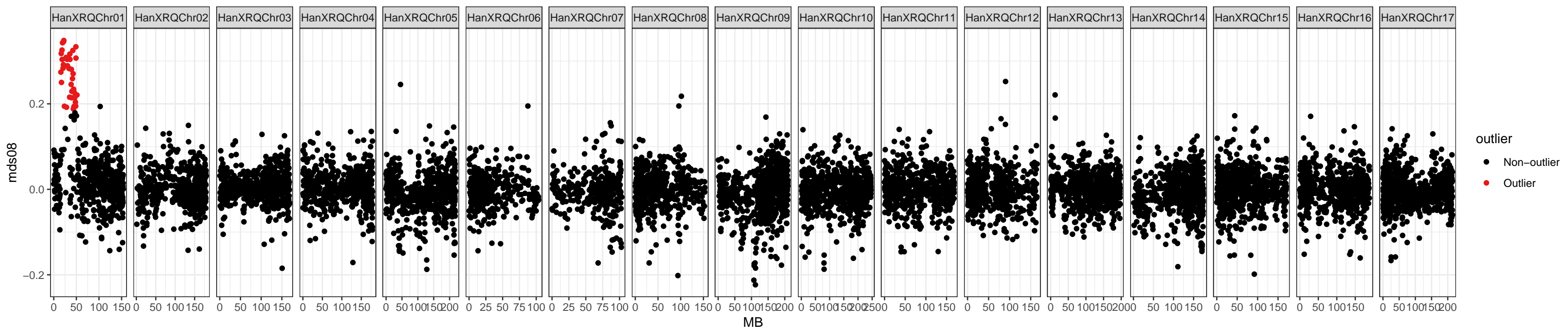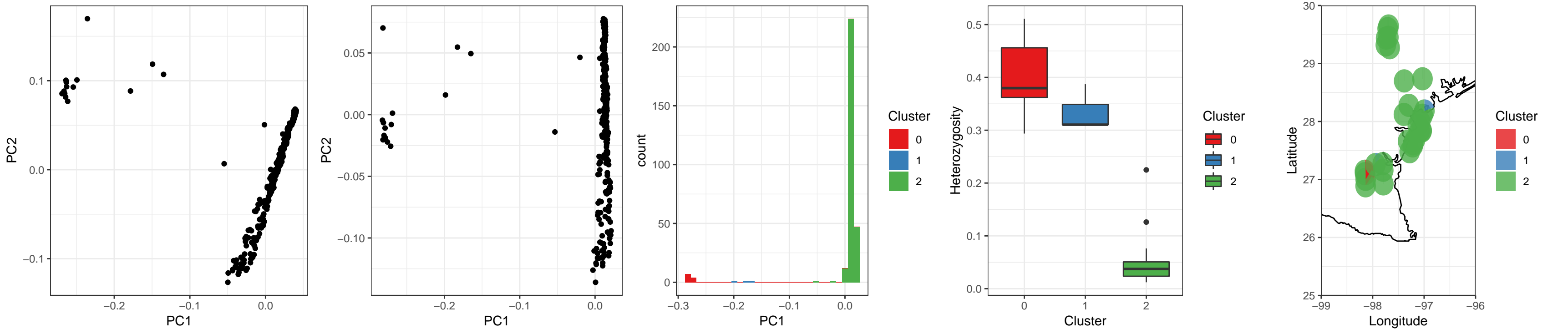
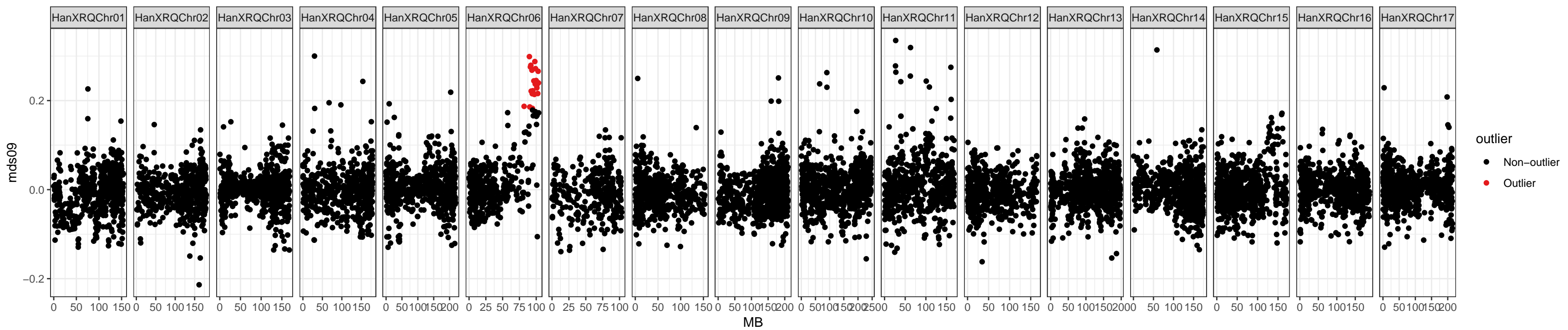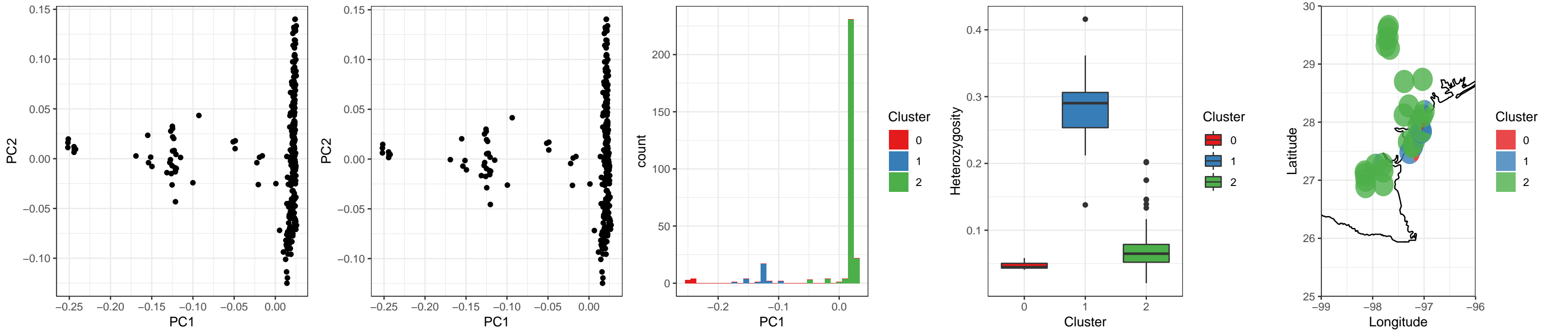mds06−neg BetweenSS=0.997 Het_pvalue=1.83e−20 Window_cluster=3.4 Location=HanXRQChr10:228MB
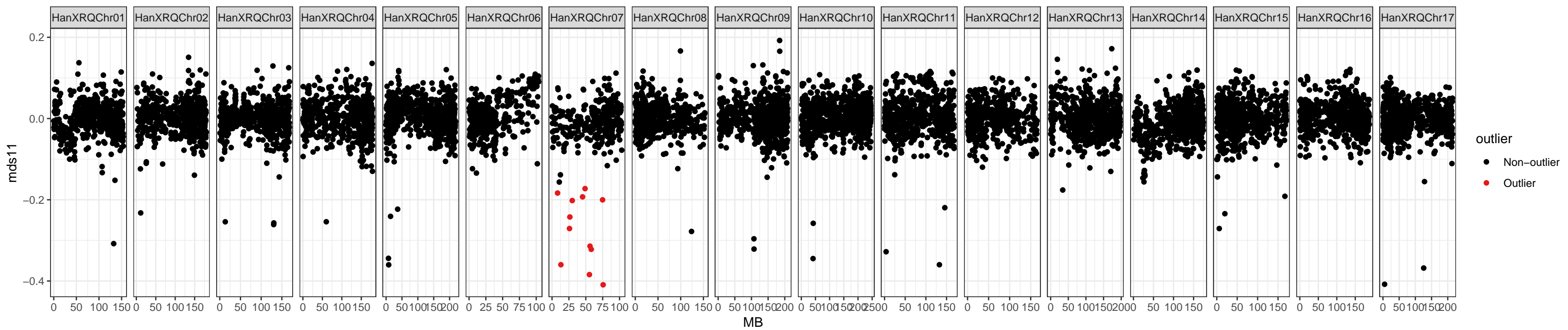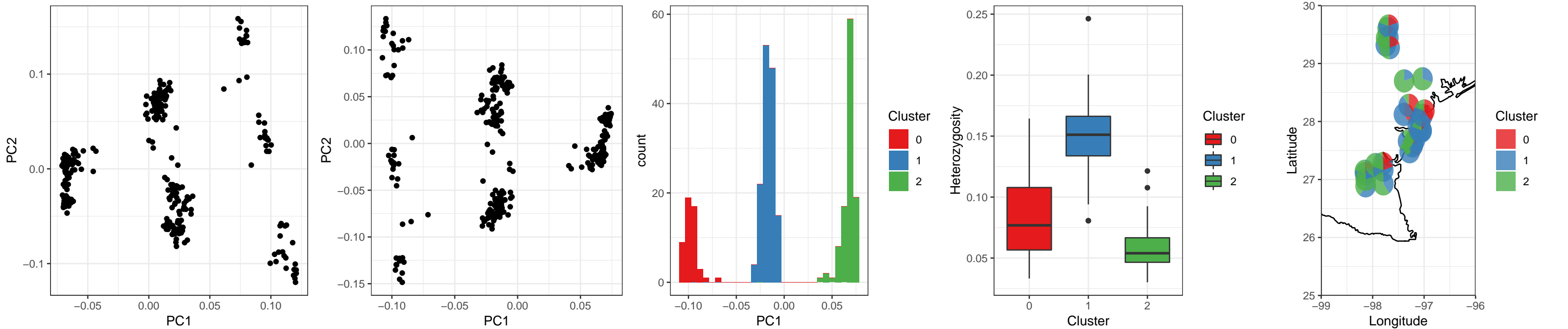
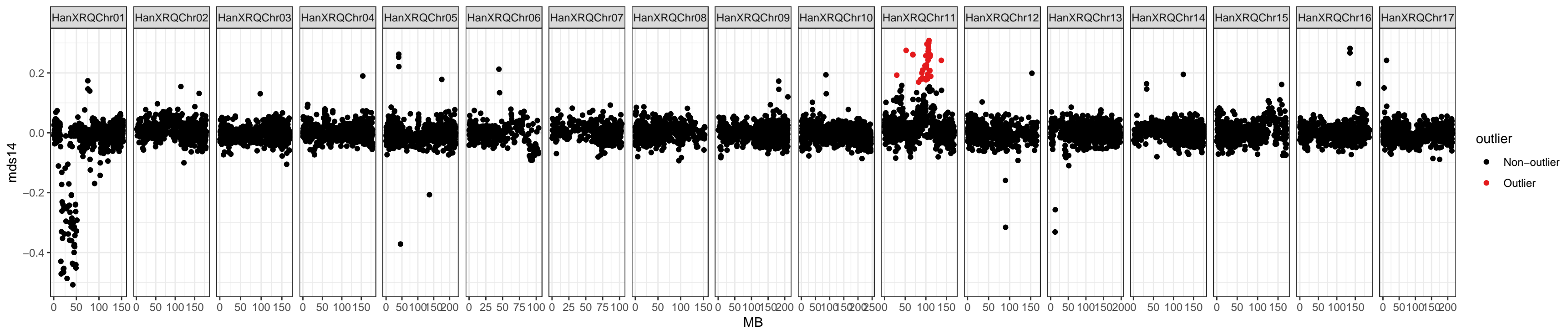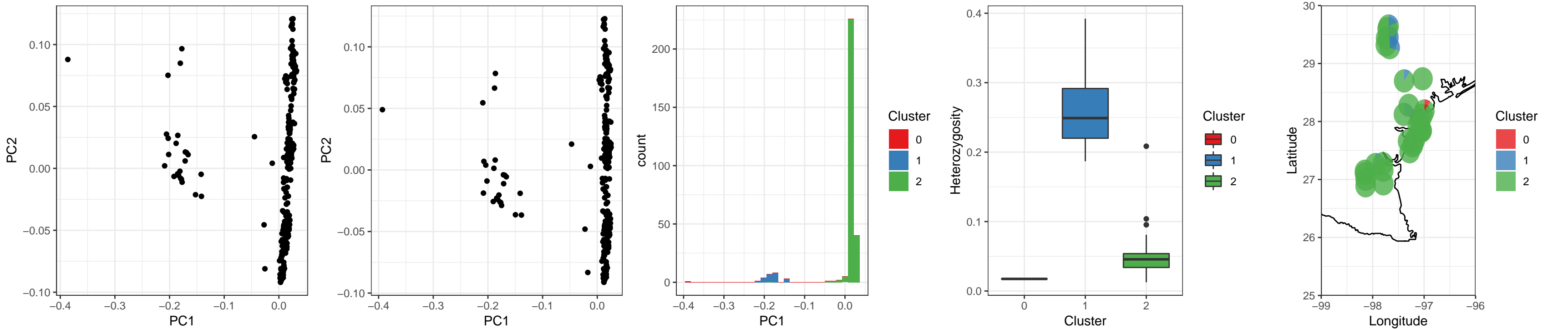mds08-pos BetweenSS=0.99 Het_pvalue=NA Window_cluster=1.59 Location=HanXRQChr01:36MB

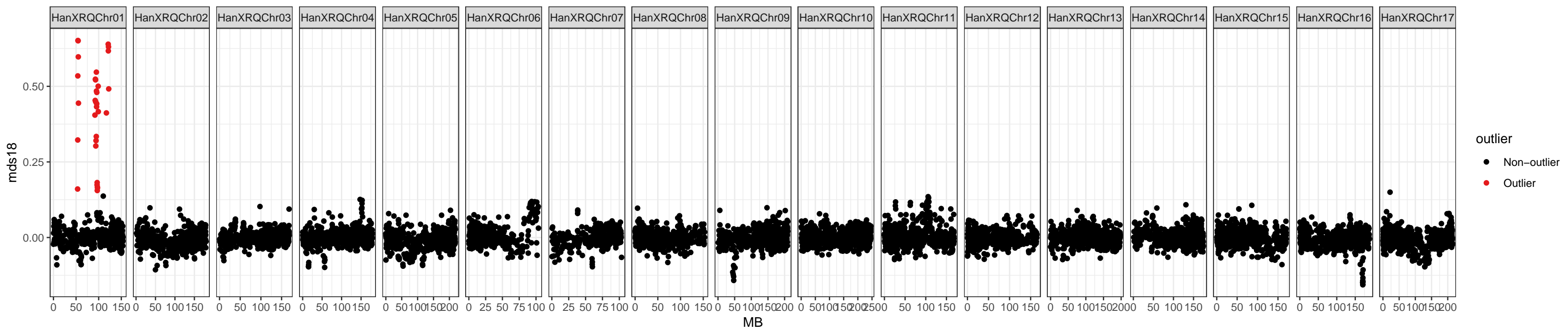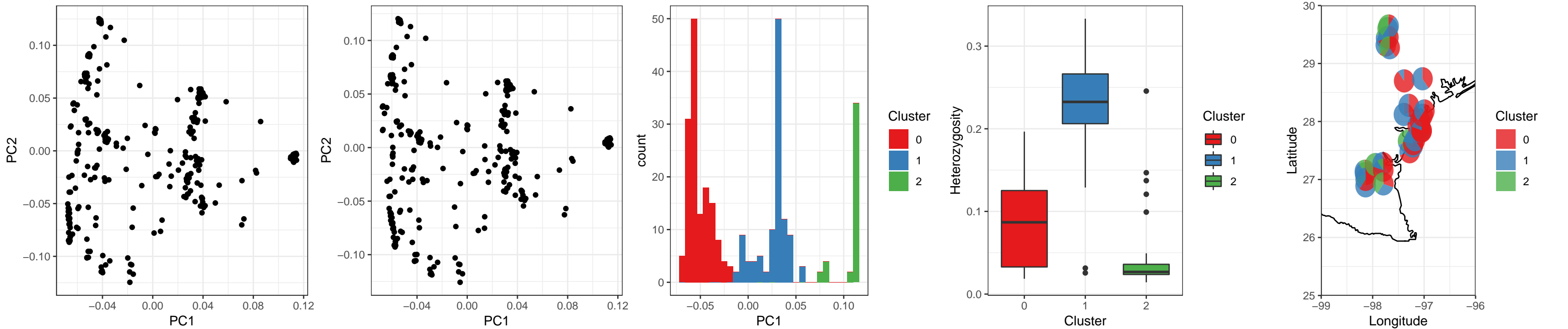mds09−pos BetweenSS=0.97 Het_pvalue=4.91e−18 Window_cluster=1.95 Location=HanXRQChr06:97MB

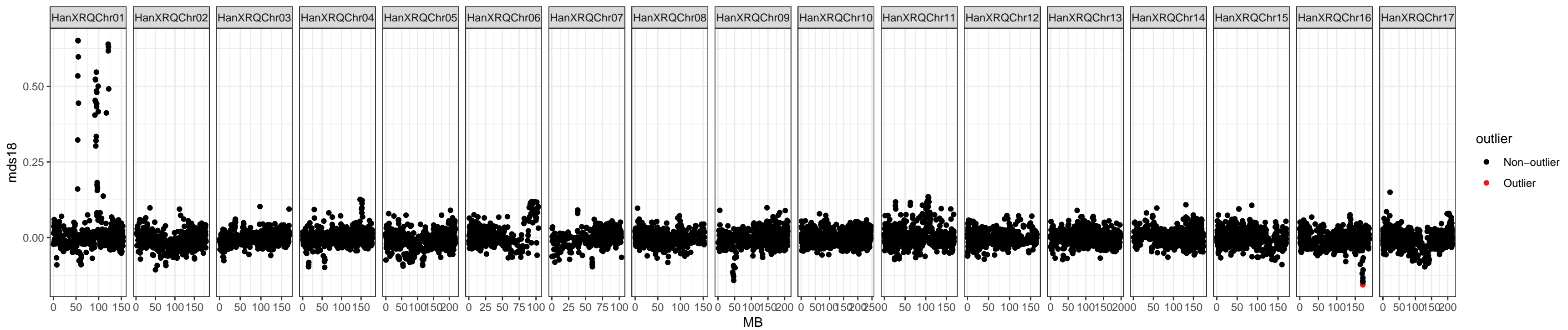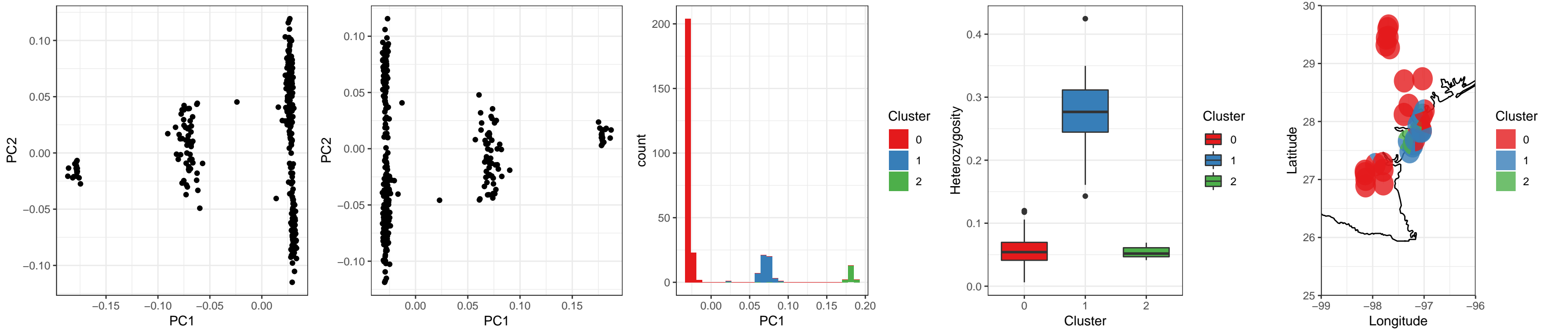mds11−neg BetweenSS=0.989 Het_pvalue=3.26e−20 Window_cluster=14.27 Location=HanXRQChr07:47MB

mds14-pos BetweenSS=0.979 Het_pvalue=NA Window_cluster=10.09 Location=HanXRQChr11:102MB

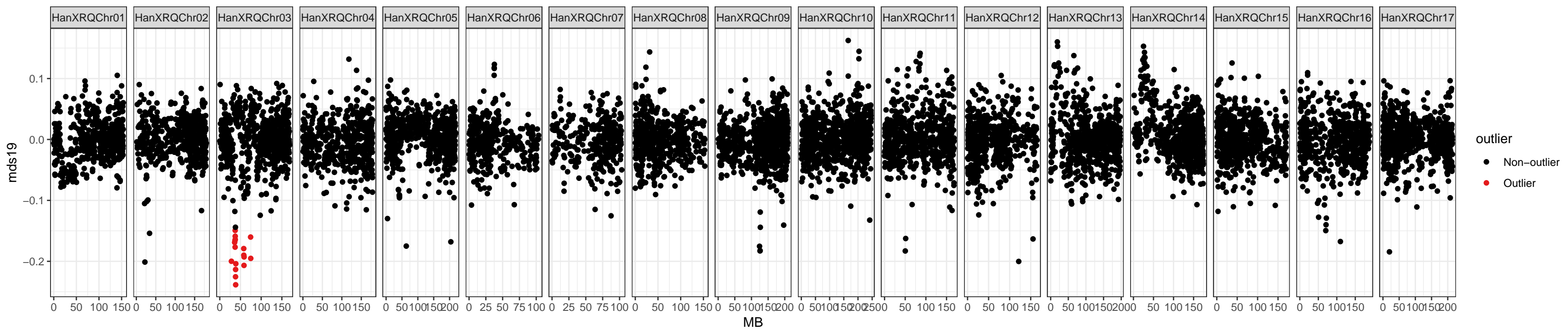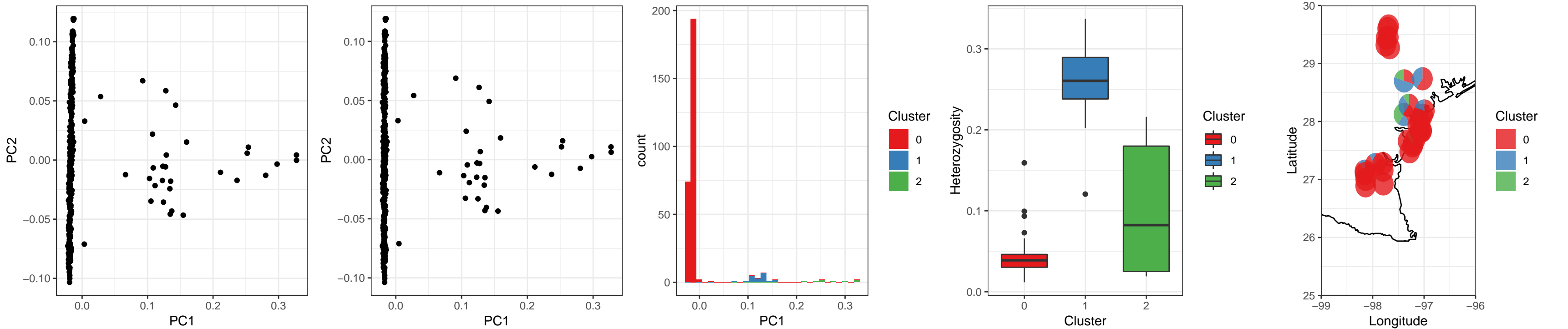mds18–pos BetweenSS=0.949 Het_pvalue=9.99e−38 Window_cluster=8 Location=HanXRQChr01:95MB

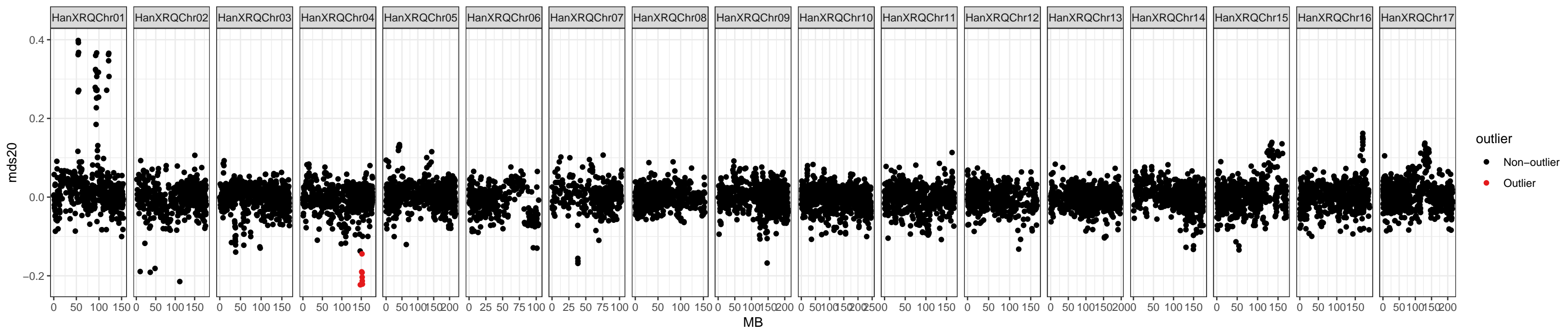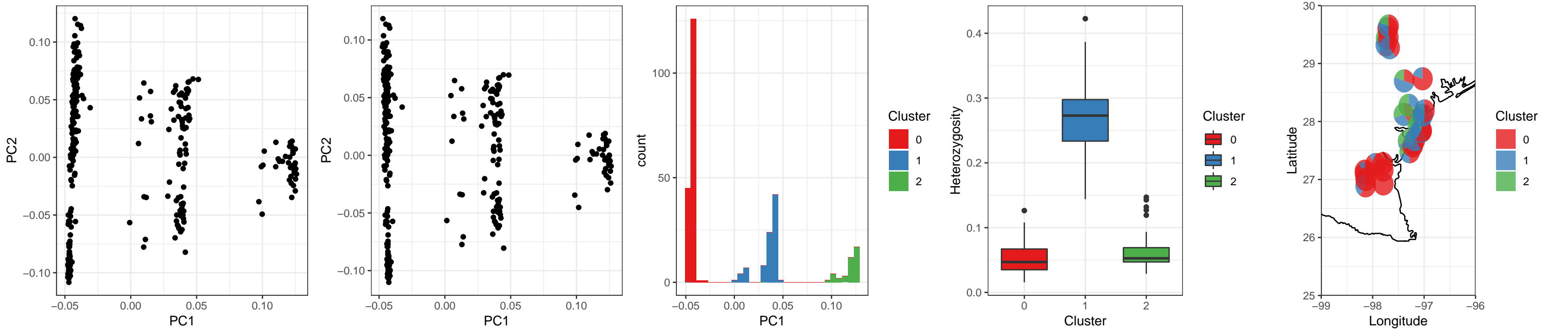mds18−neg BetweenSS=0.994 Het_pvalue=3.37e−37 Window_cluster=1.33 Location=HanXRQChr16:170MB

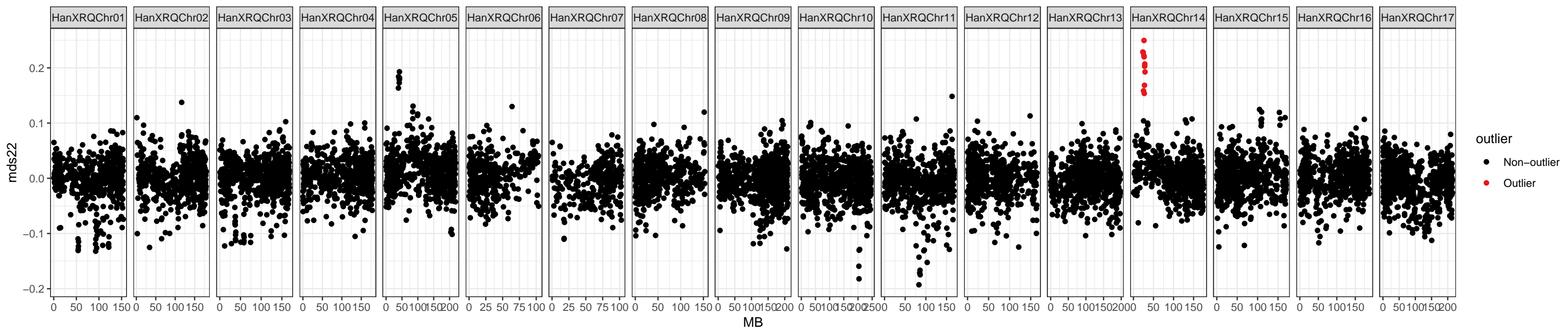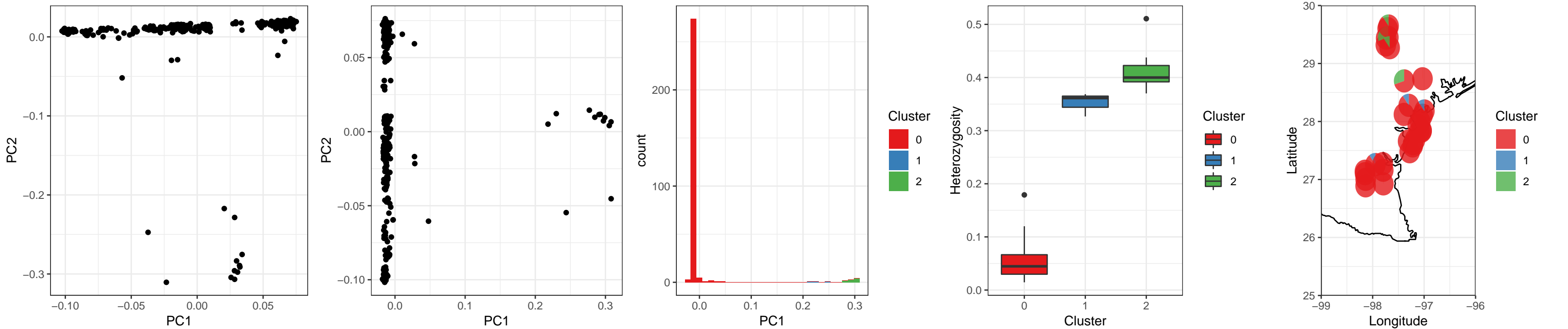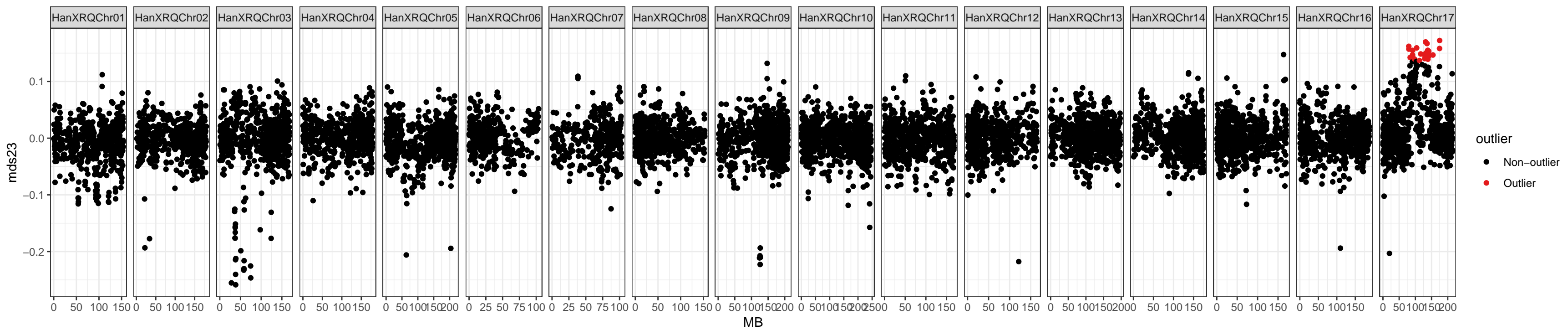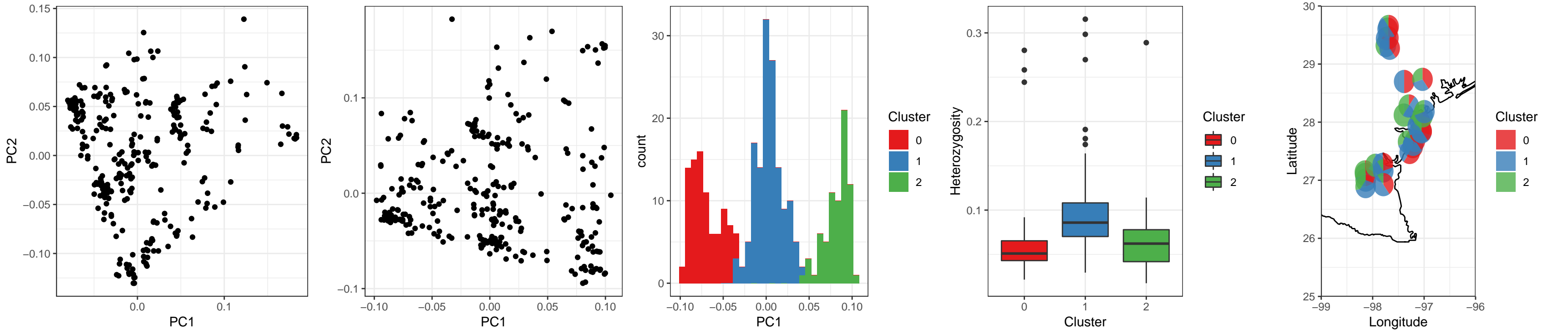mds19−neg BetweenSS=0.975 Het_pvalue=0.000857 Window_cluster=8.69 Location=HanXRQChr03:38MB

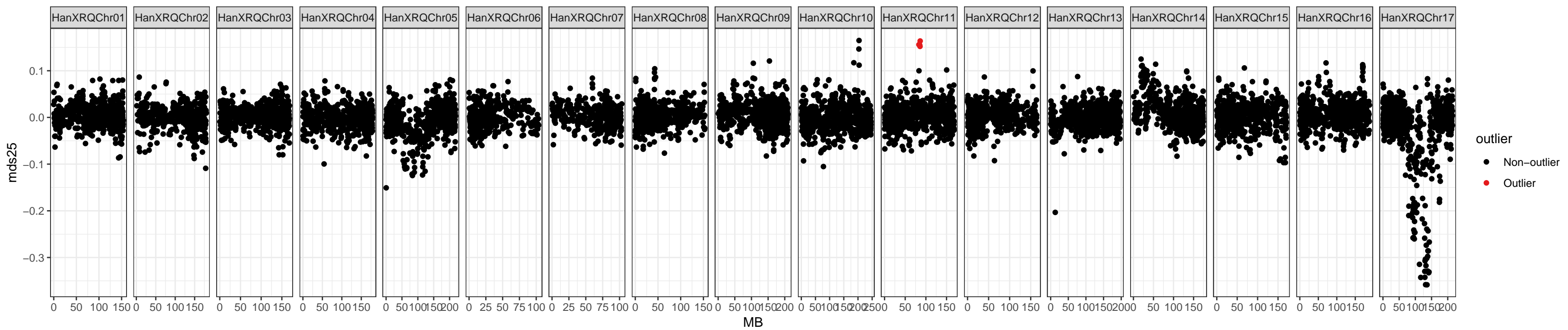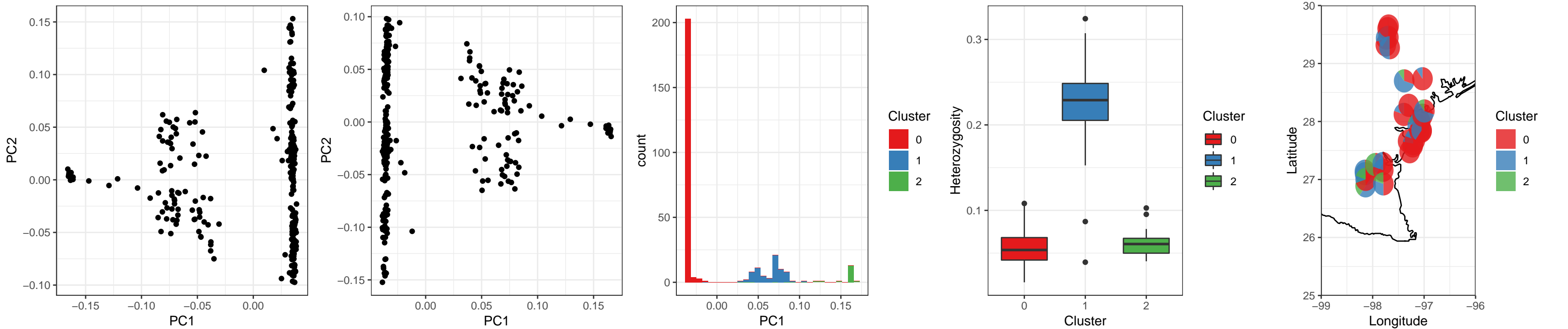# mds20−neg BetweenSS=0.987 Het_pvalue=5.13e−53 Window_cluster=2.83 Location=HanXRQChr04:152MB

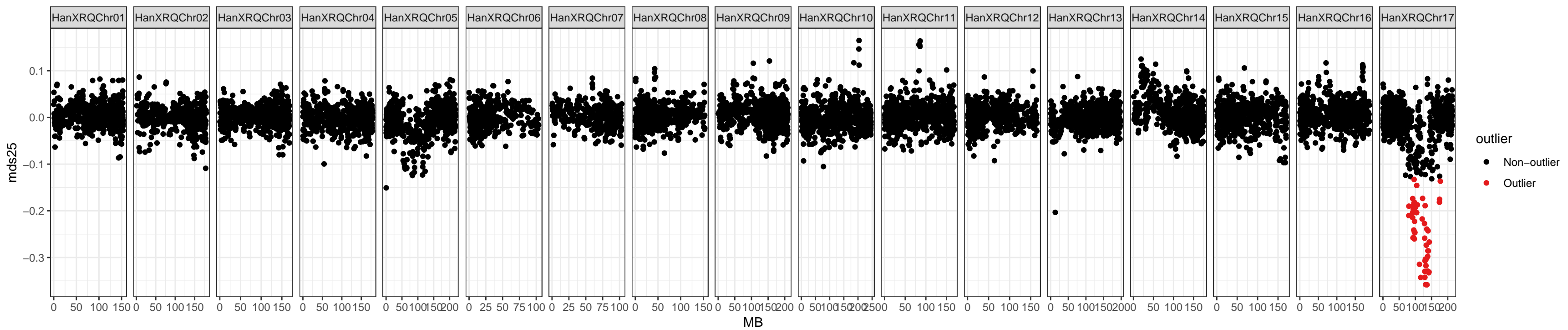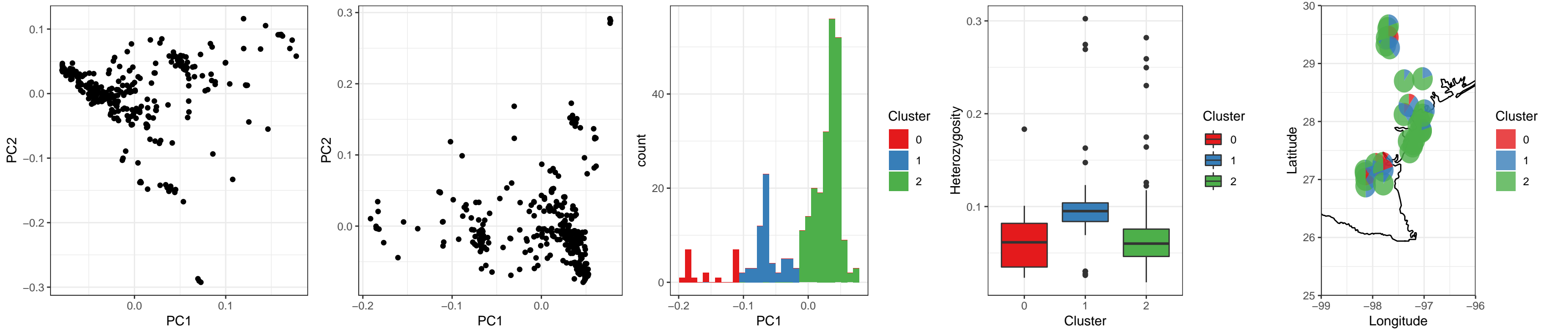mds22−pos BetweenSS=0.988 Het_pvalue=NA Window_cluster=1.2 Location=HanXRQChr14:27MB

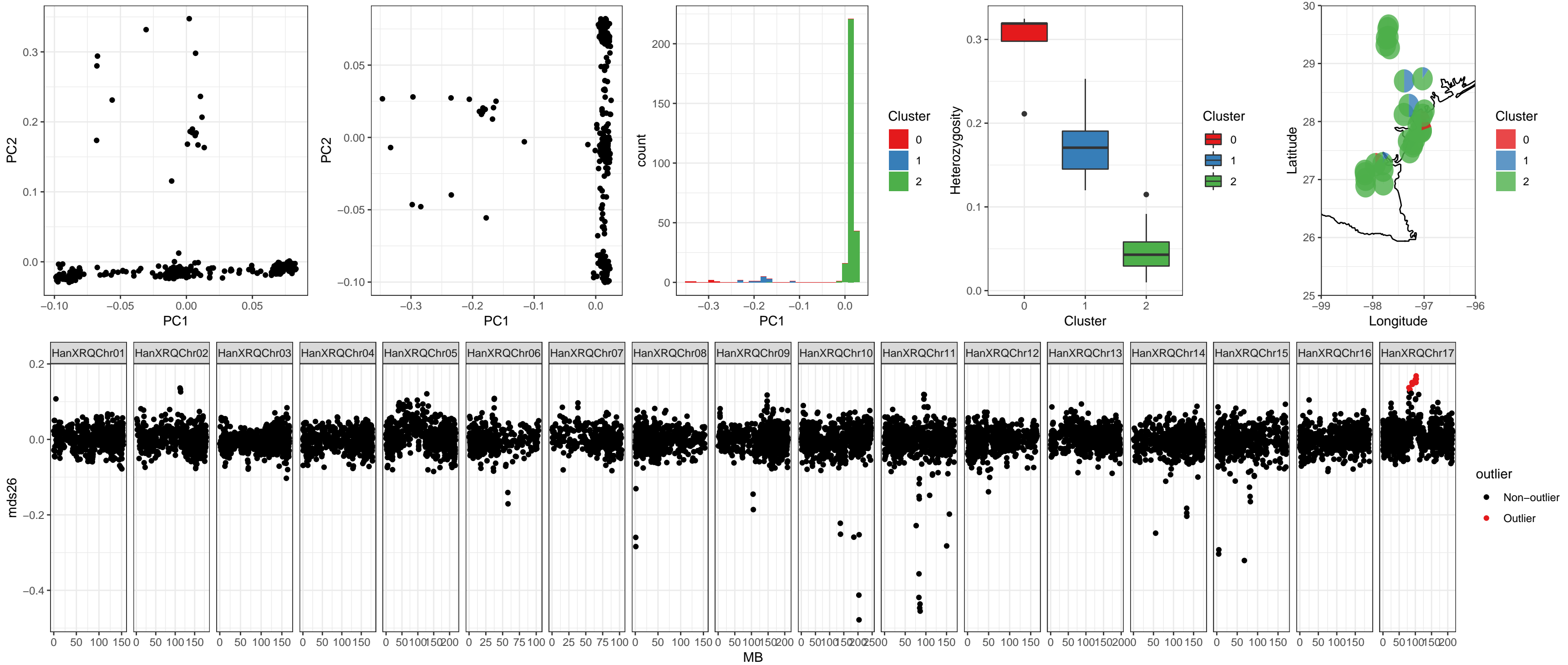mds23–pos BetweenSS=0.929 Het_pvalue=5.07e–07 Window_cluster=9.05 Location=HanXRQChr17:131MB

mds25-pos BetweenSS=0.978 Het_pvalue=5.35e−35 Window_cluster=2.67 Location=HanXRQChr11:85MB

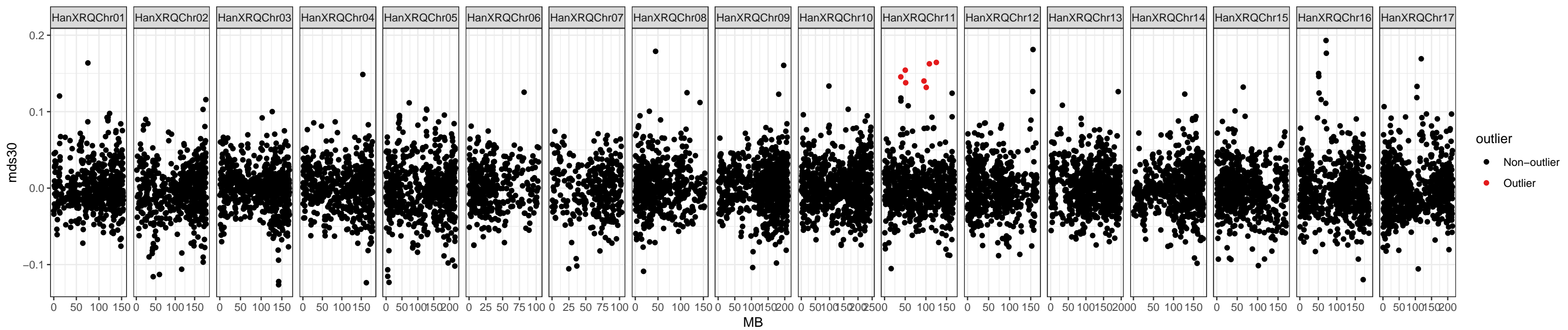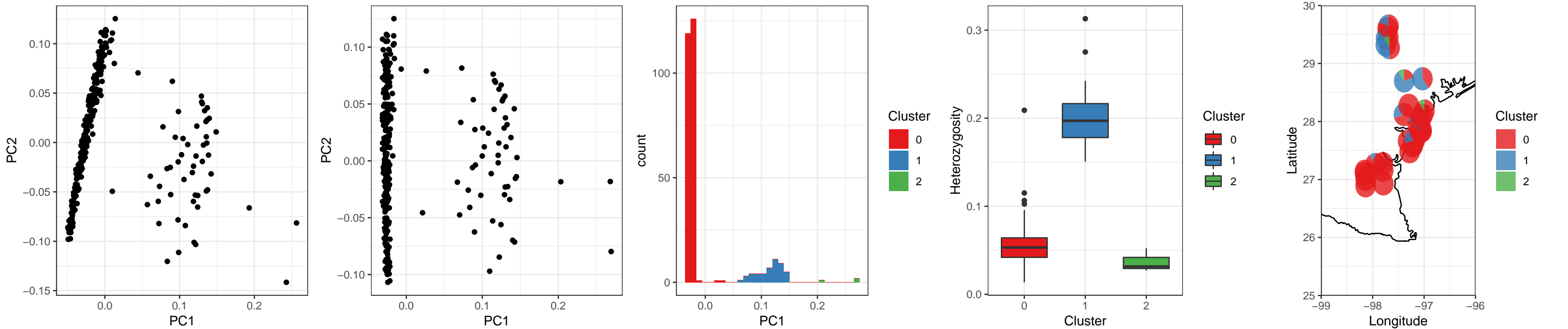mds25−neg BetweenSS=0.881 Het_pvalue=0.00115 Window_cluster=3.96 Location=HanXRQChr17:117MB

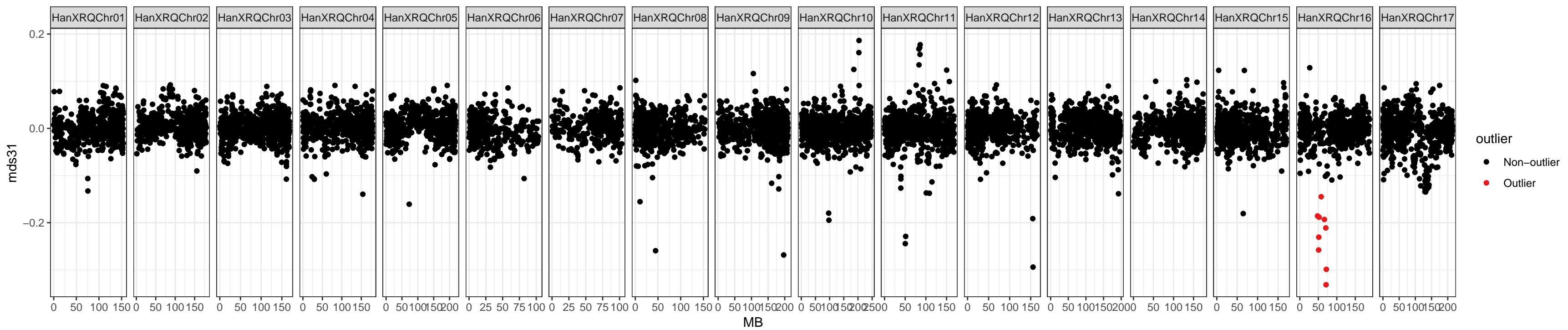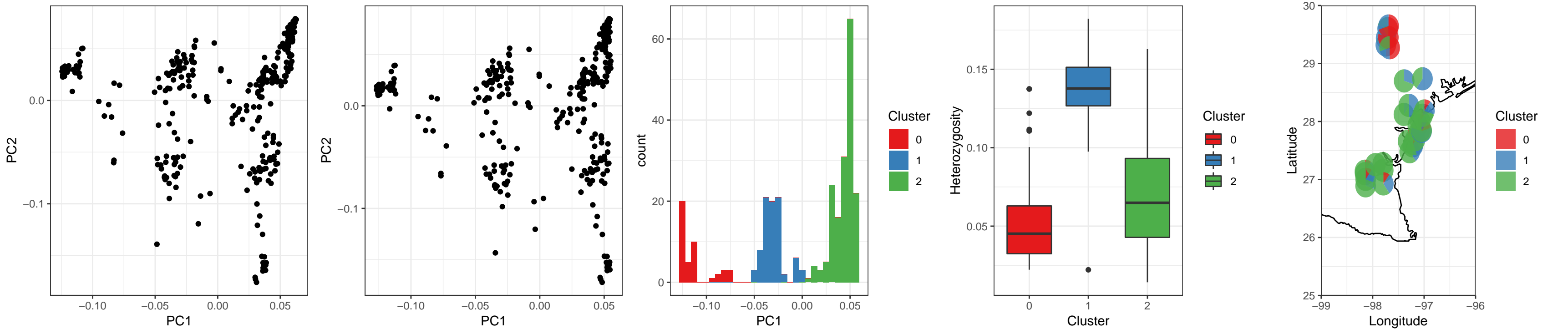mds26−pos BetweenSS=0.978 Het_pvalue=NA Window_cluster=7.14 Location=HanXRQChr17:95MB

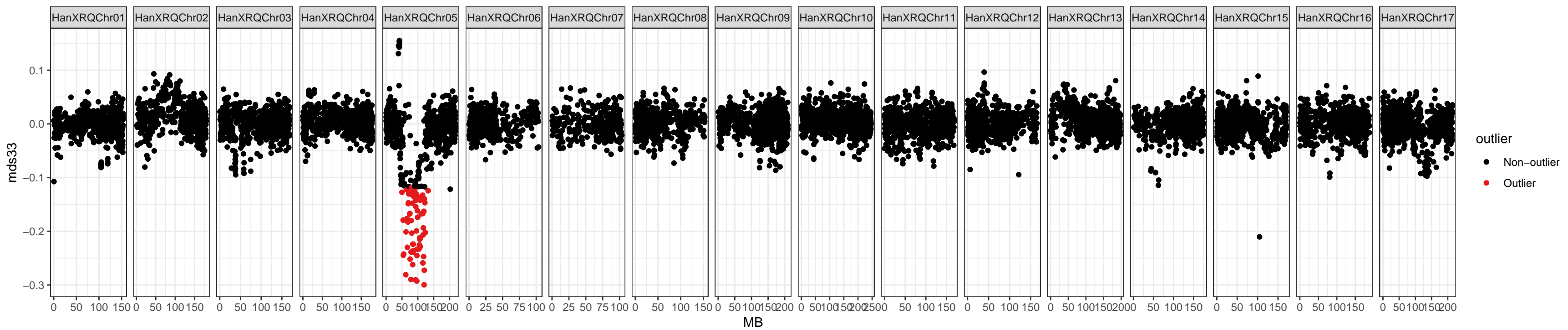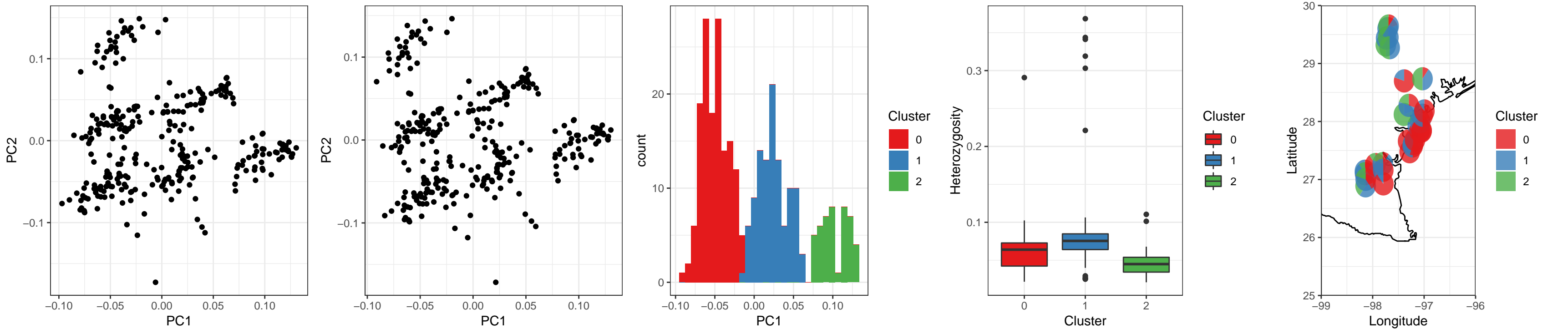mds30−pos BetweenSS=0.967 Het_pvalue=0.000101 Window_cluster=44 Location=HanXRQChr11:95MB

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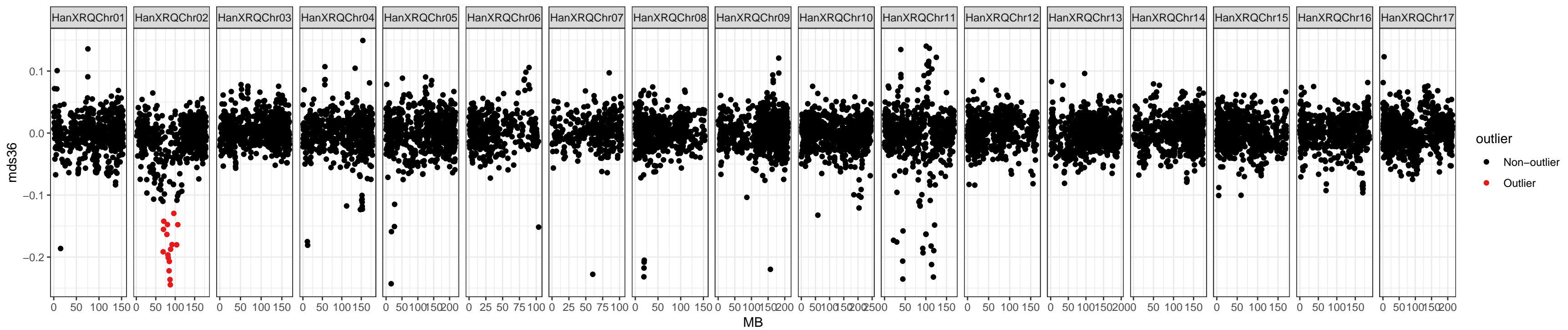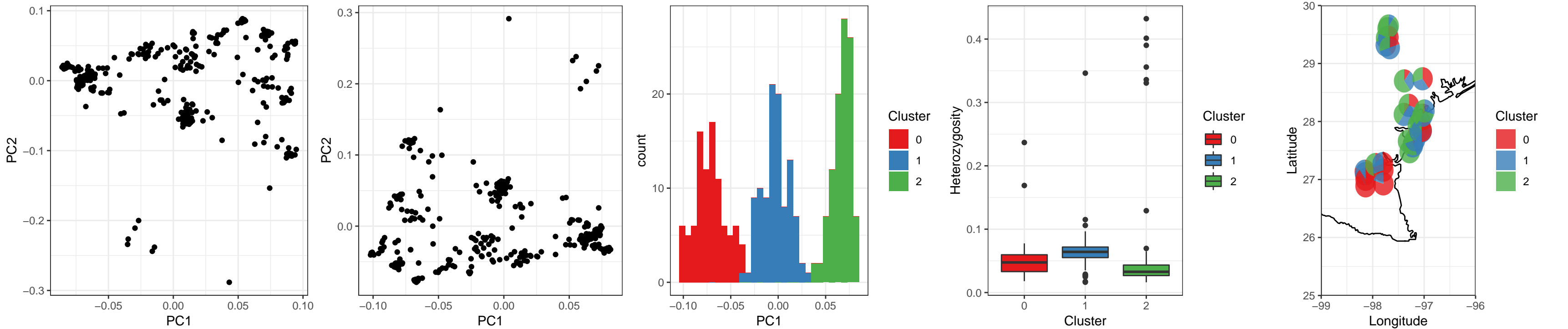
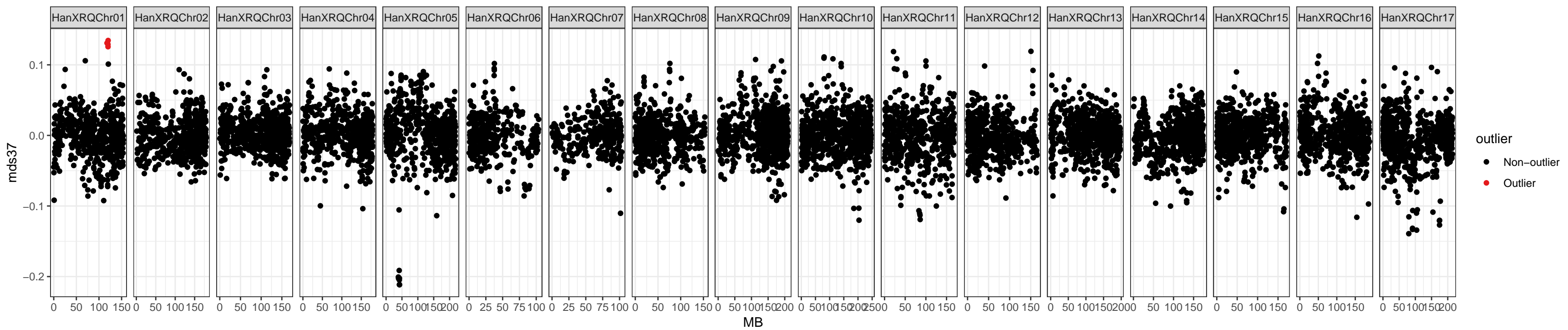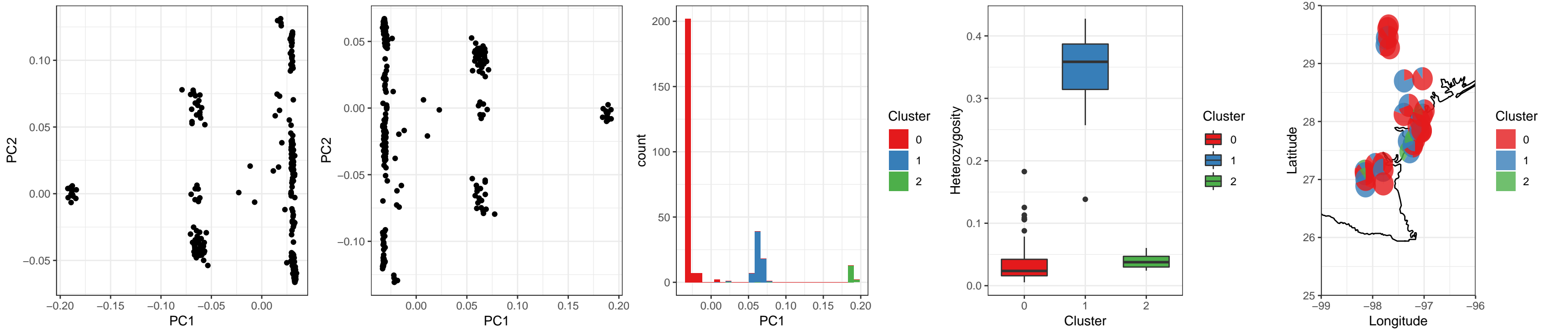mds33−neg BetweenSS=0.911 Het_pvalue=3.55e−05 Window_cluster=1.95 Location=HanXRQChr05:89MB

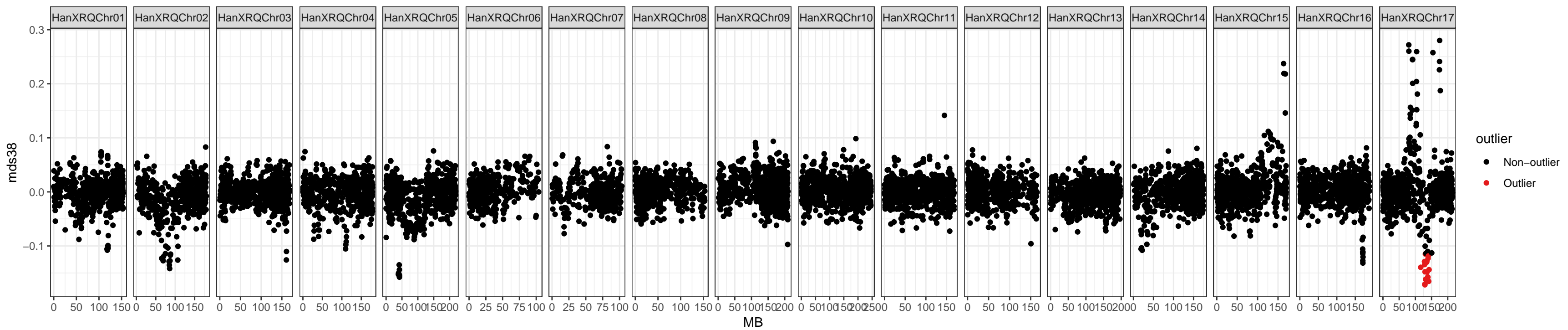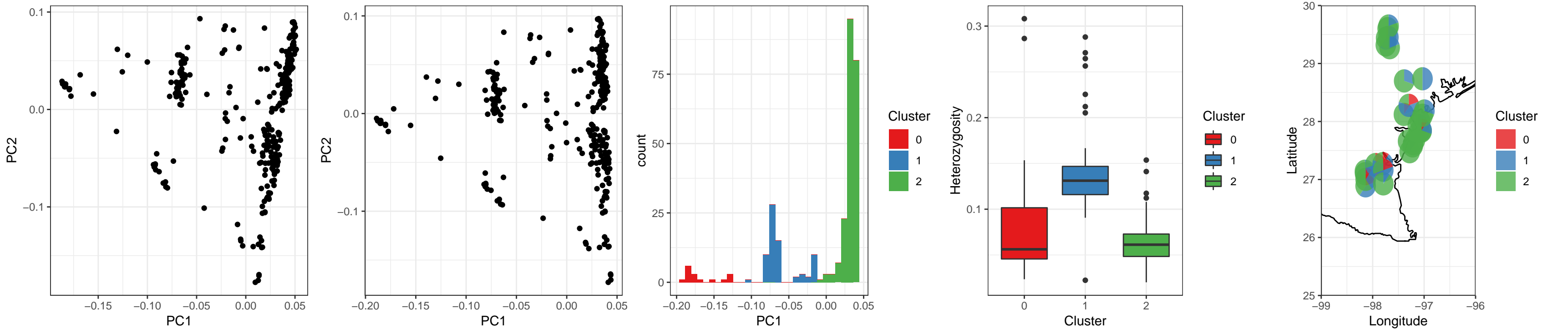mds36−pos BetweenSS=0.969 Het_pvalue=3.51e−14 Window_cluster=22.67 Location=HanXRQChr11:108MB
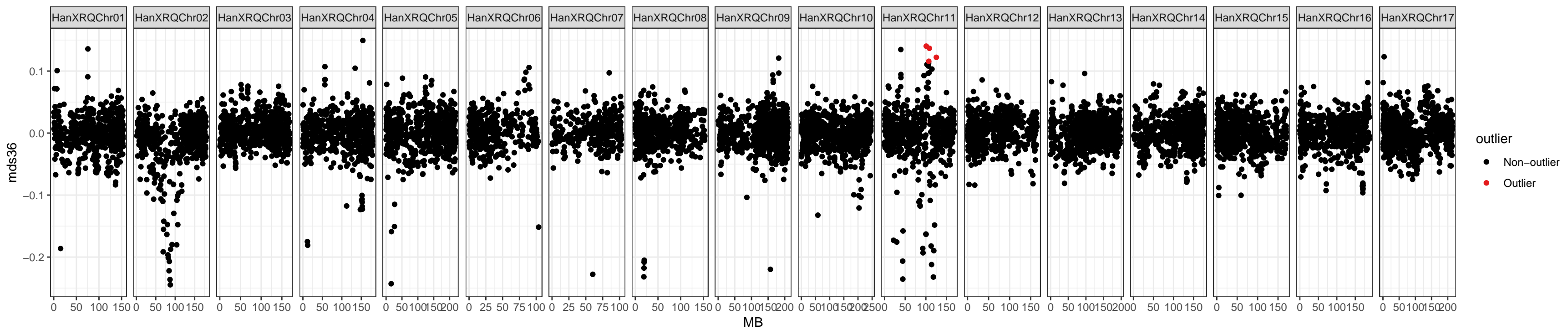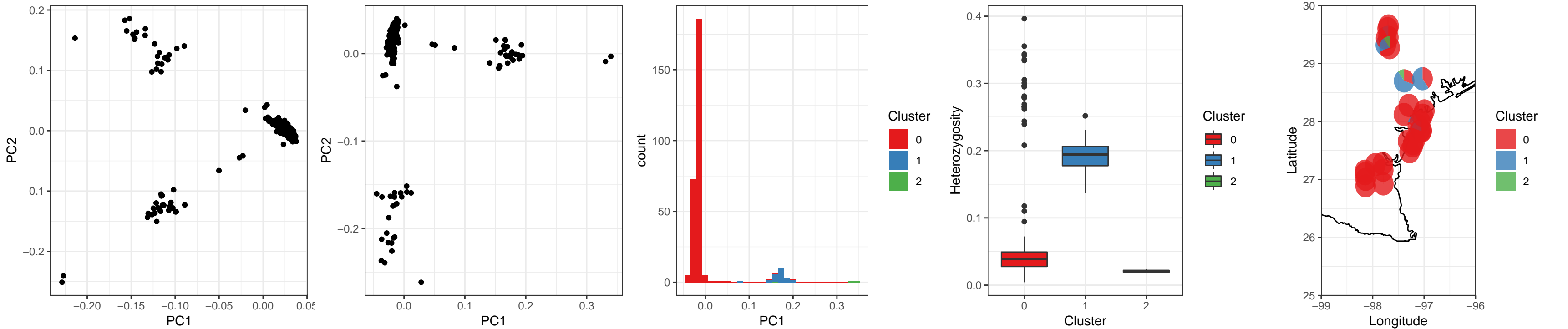
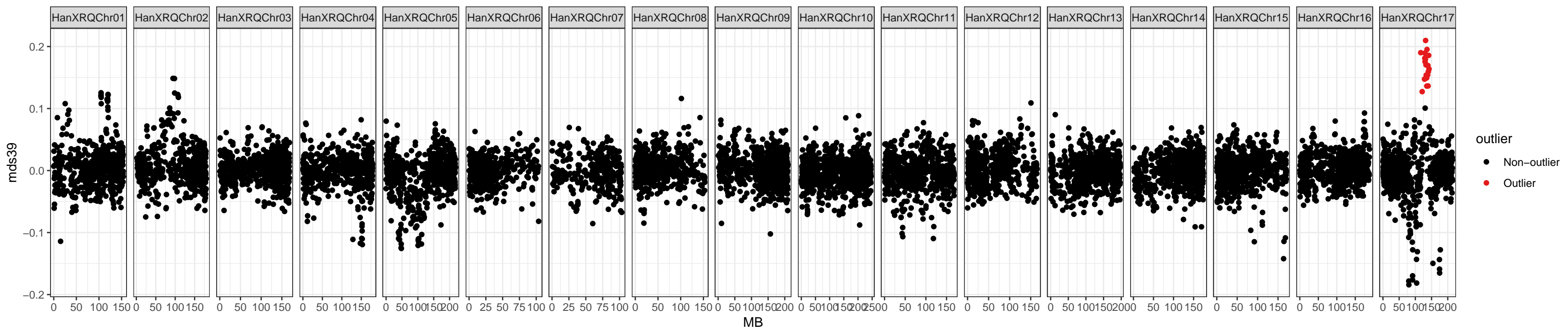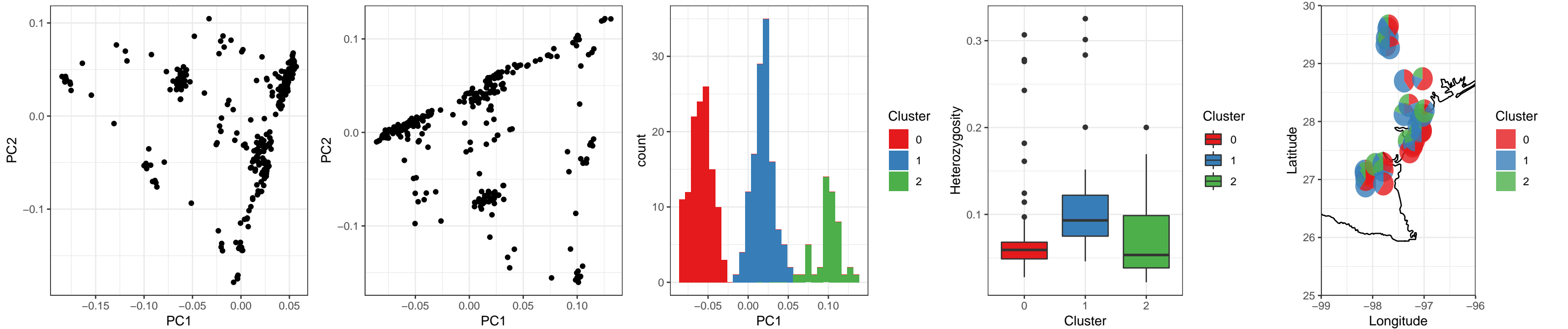mds36−neg BetweenSS=0.947 Het_pvalue=0.198 Window_cluster=3.87 Location=HanXRQChr02:85MB

mds37–pos BetweenSS=0.991 Het_pvalue=7.49e−58 Window_cluster=2.5 Location=HanXRQChr01:120MB

mds38−neg BetweenSS=0.944 Het_pvalue=0.0519 Window_cluster=2.25 Location=HanXRQChr17:135MB

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