```
for (i in 2:length(muni))
{
     for (j in 1:(length(muni)-1))
     {
       if(i<j)
       {
               if(r[i,j]>=0.8){color<-colarray[1]}
               else if(r[i,j]>=0.5 && r[i,j]<0.8){color<-colarray[2]}
               else if(r[i,j]>=0.2 && r[i,j]<0.5){color<-colarray[3]}
               else if(r[i,j]>=0.0 && r[i,j]<0.2){color<-colarray[5]}

               if(args[5]=="0"){
                  cat(paste("{\"showInLegend\": false,\"someText\": \"",ann[i,j],"\",\"enableMouseTracking
\": false,\"color\": \"",color,"\", \"data\": ", "[","[",p[i,j],", ",q[i,j],"], ","[",p[i,j+1],", ",q[i,j
+1],"], ","[",p[i-1,j+1],", ",q[i-1,j+1],"], ","[",p[i-1,j],", ",q[i-1,j],"]","]",
" }",sep=""),append=T,file=outfile,"\n")
               } else {
                  cat(paste("{\"showInLegend\": false,\"someText\": \"",ann[i,j],"\", \"color\":
\"",color,"\", \"data\": ", "[","[",p[i,j],", ",q[i,j],"], ","[",p[i,j+1],", ",q[i,j+1],"], ","[",p[i-1,j
+1],", ",q[i-1,j+1],"], ","[",p[i-1,j],", ",q[i-1,j],"]","]", " }",sep=""),append=T,file=outfile,"\n")
               }
               if(i!=length(muni)-2) {cat(",",append=T,file=outfile)}
       }
     }
}

if(args[4]=="0")
{
     cat(",{\"name\": \"Variant Position\",\"enableMouseTracking\": false,\"lineColor\":
\"","#008000","\", \"data\": [",append=T,file=outfile)
     for (i in 1:(length(muni)))
     {
         cat("[",muni[i],",0","]",append=T,file=outfile)
         if(i!=length(muni)) {cat(",",append=T,file=outfile)}
     }
     cat("],\"marker\": {\"enabled\" : true,\"fillColor\" : \"green\",\"radius\" :
3}",append=T,file=outfile)
     cat("}",append=T,file=outfile)
}

if(args[4]!="0")
{
  cat("]",append=T,file=outfile)
}
```