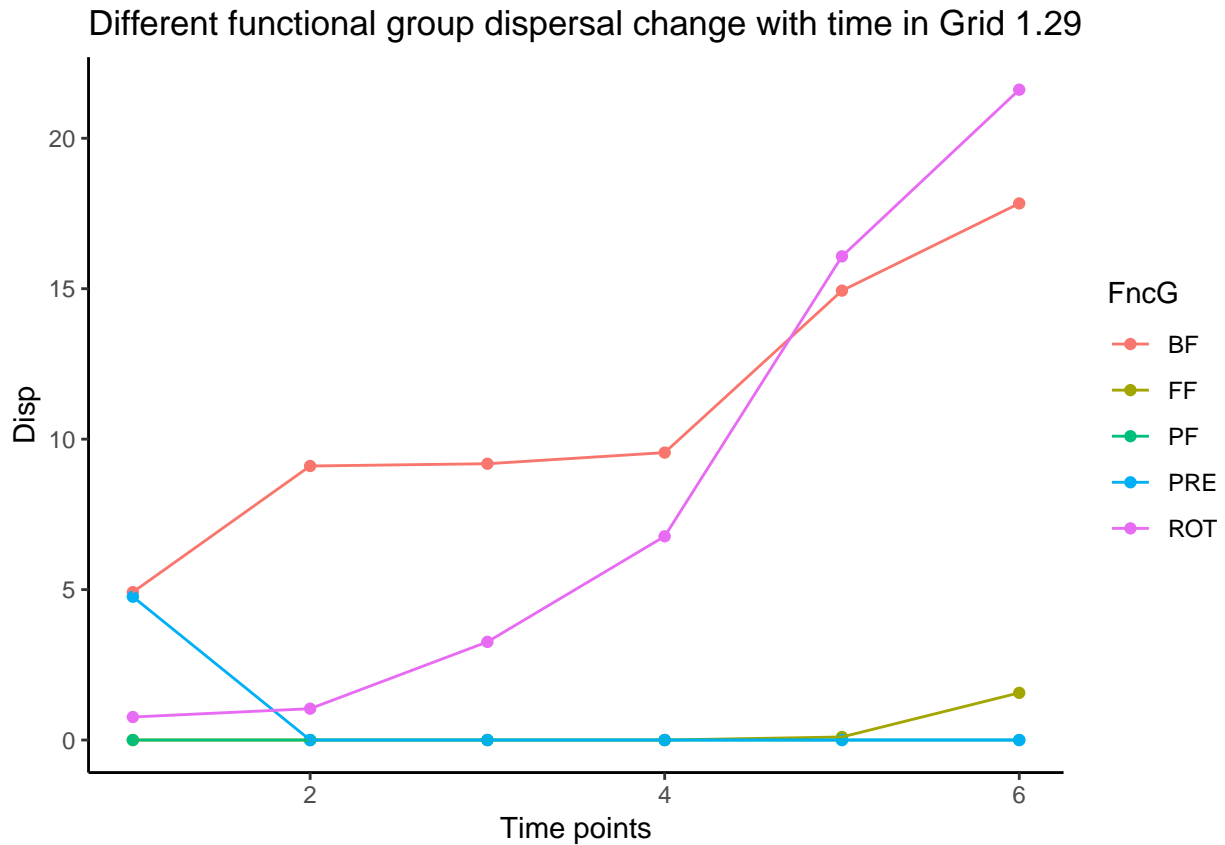# Disperal gradient

```
SPNETDISP <- read_excel("Desktop/SPATIAL NETWORK /SPATIONETWORK/SPNETDISP.xlsx")
#subset the data
SPNETDISP_BF<-subset(SPNETDISP,FncG=="BF") #Subset BF
SPNETDISP_G1<-subset(SPNETDISP,Grid=="R1.29")#SUBSET GRID 1.29
```
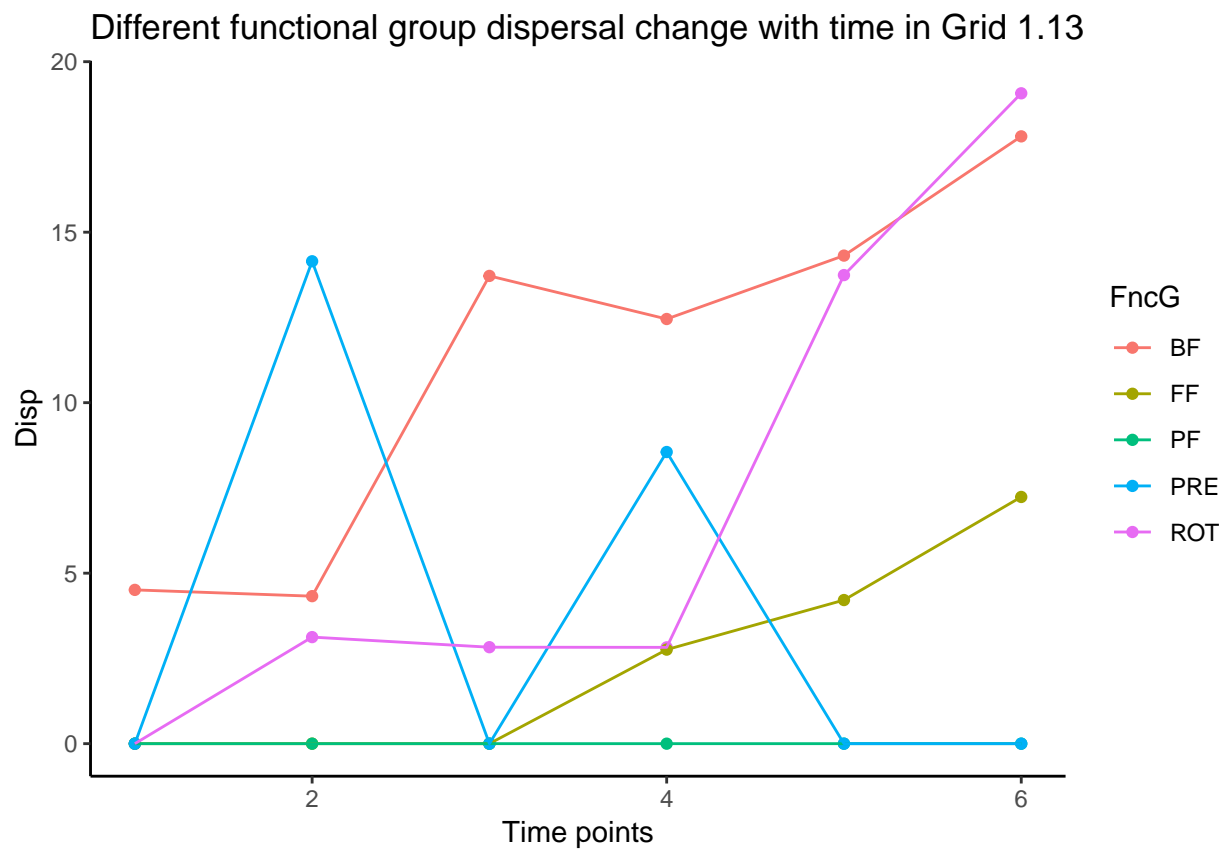
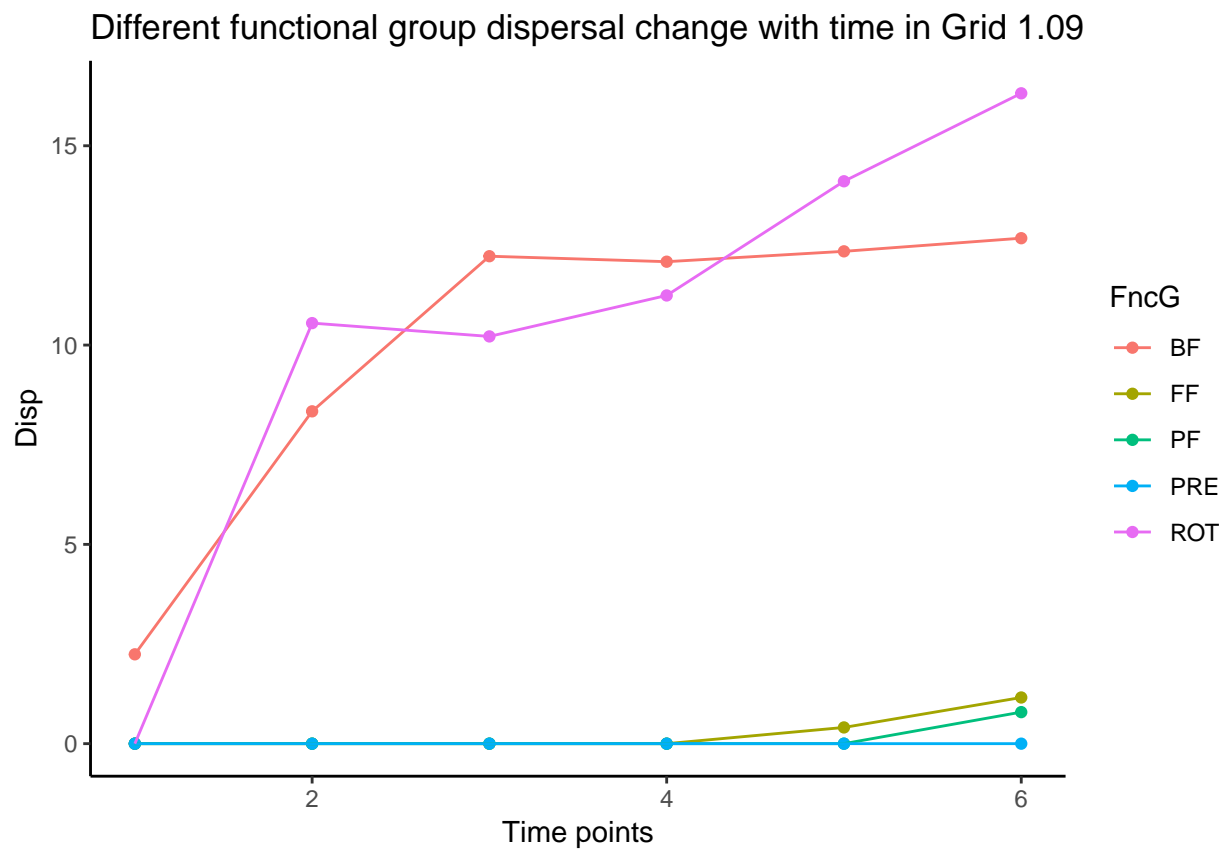## plot per functional group grid1

Different functional group dispersal change with time in Grid 1.29

plot per functional group grid2

Different functional group dispersal change with time in Grid 1.18
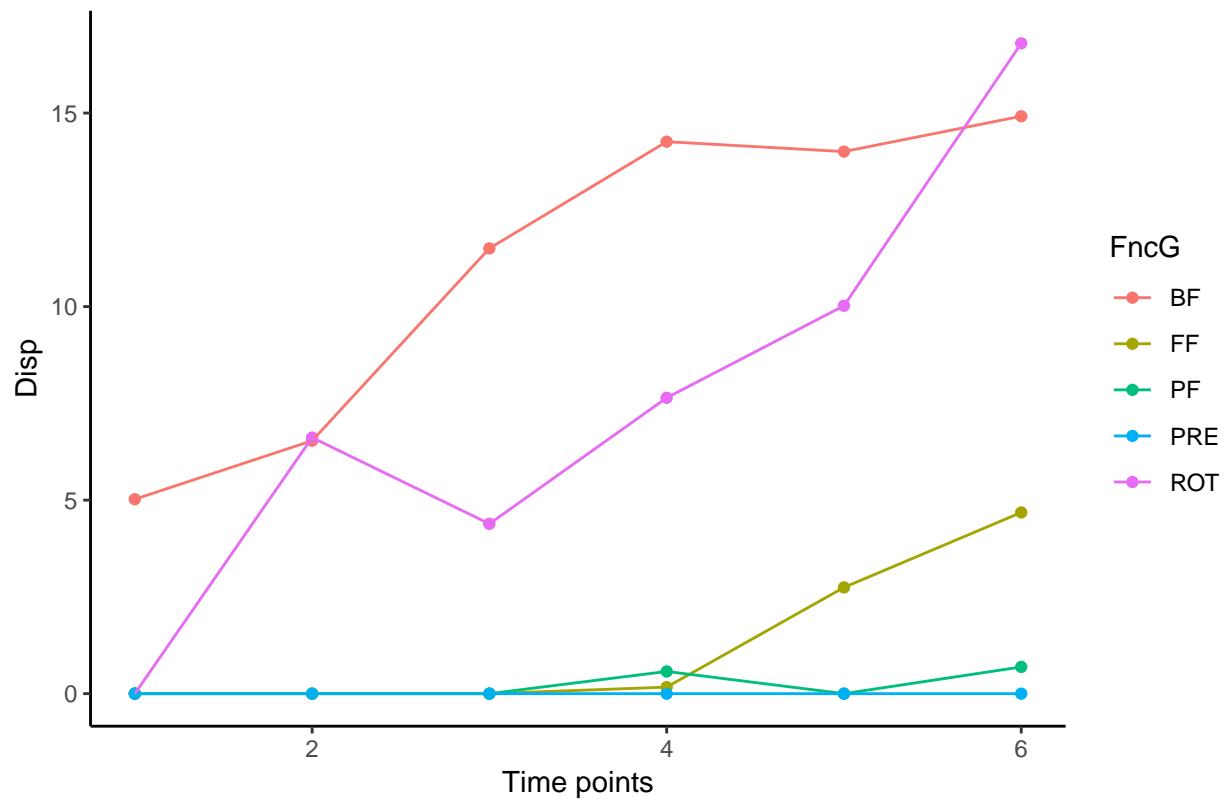
plot per functional group grid3

Different functional group dispersal change with time in Grid 1.13

plot per functional group grid4

Different functional group dispersal change with time in Grid 1.09

plot per functional group grid5
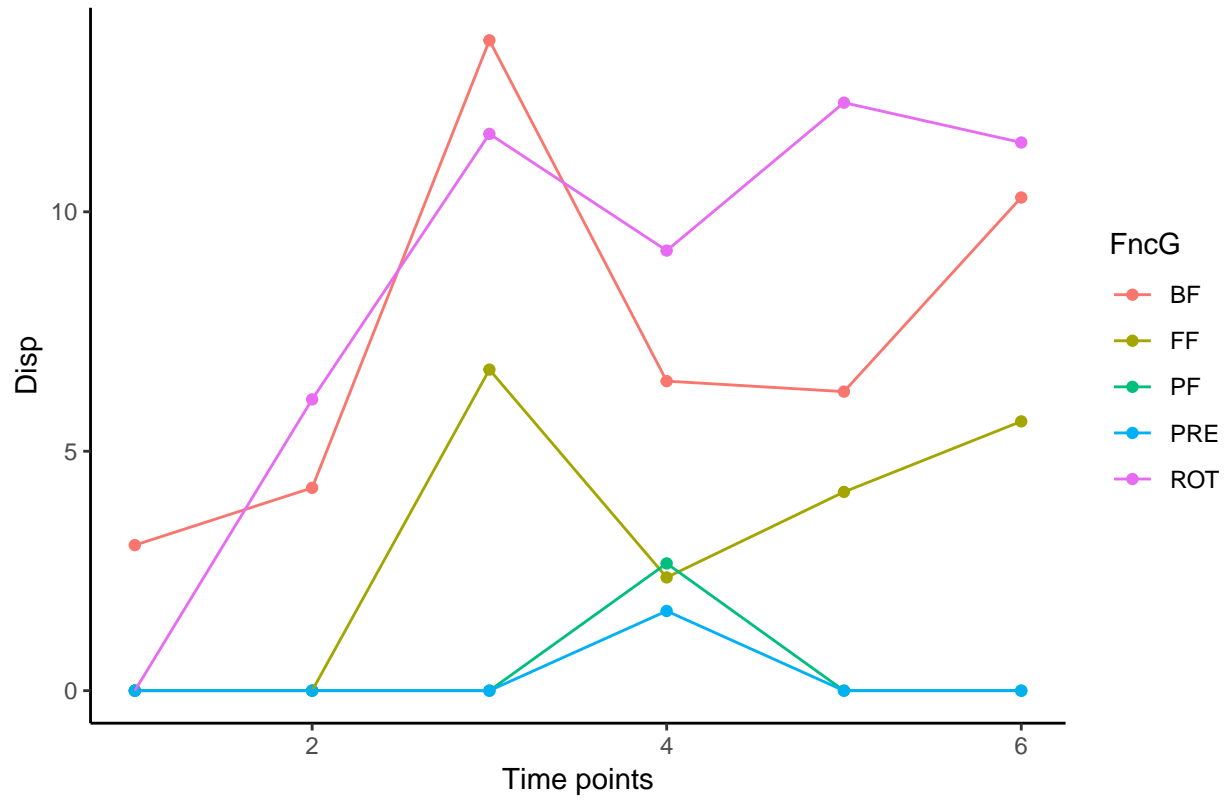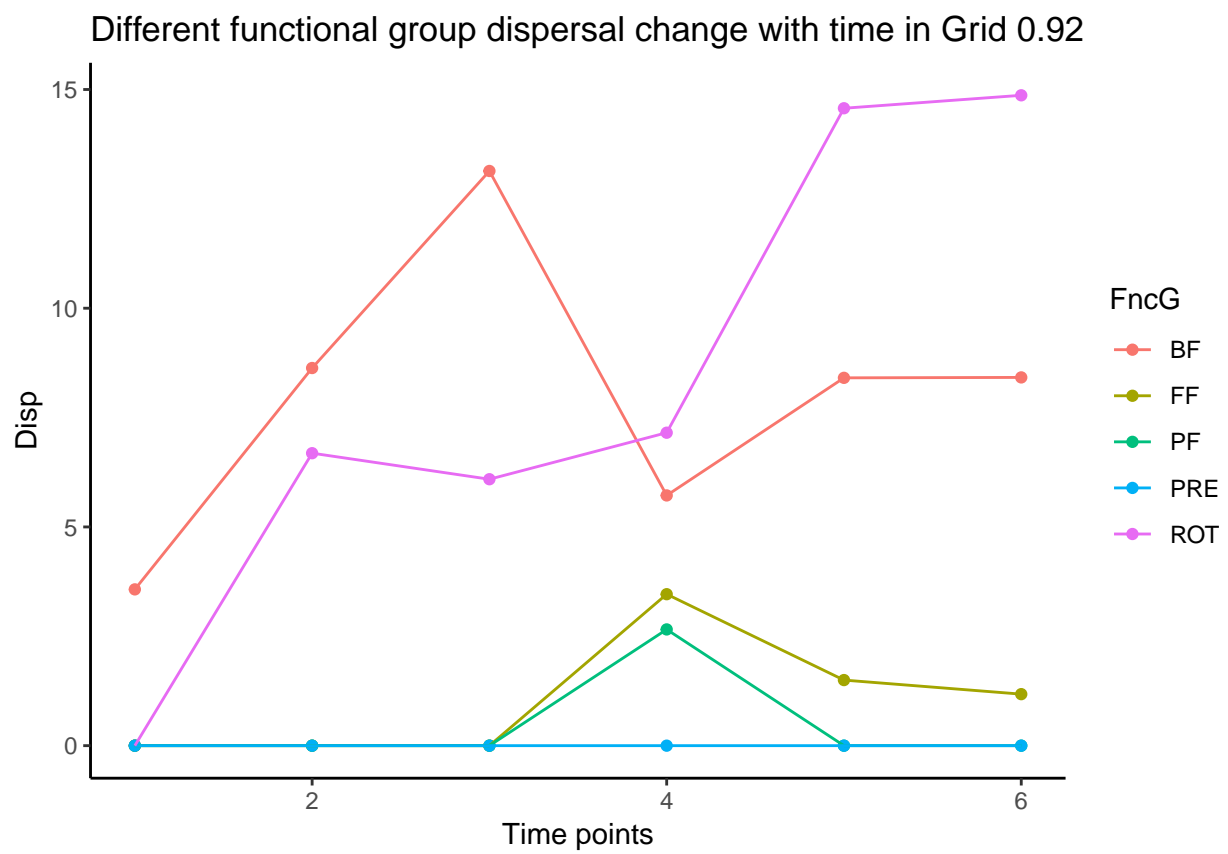
Different functional group dispersal change with time in Grid 1.02

plot per functional group grid6

Different functional group dispersal change with time in Grid 0.92

plot per functional group grid7

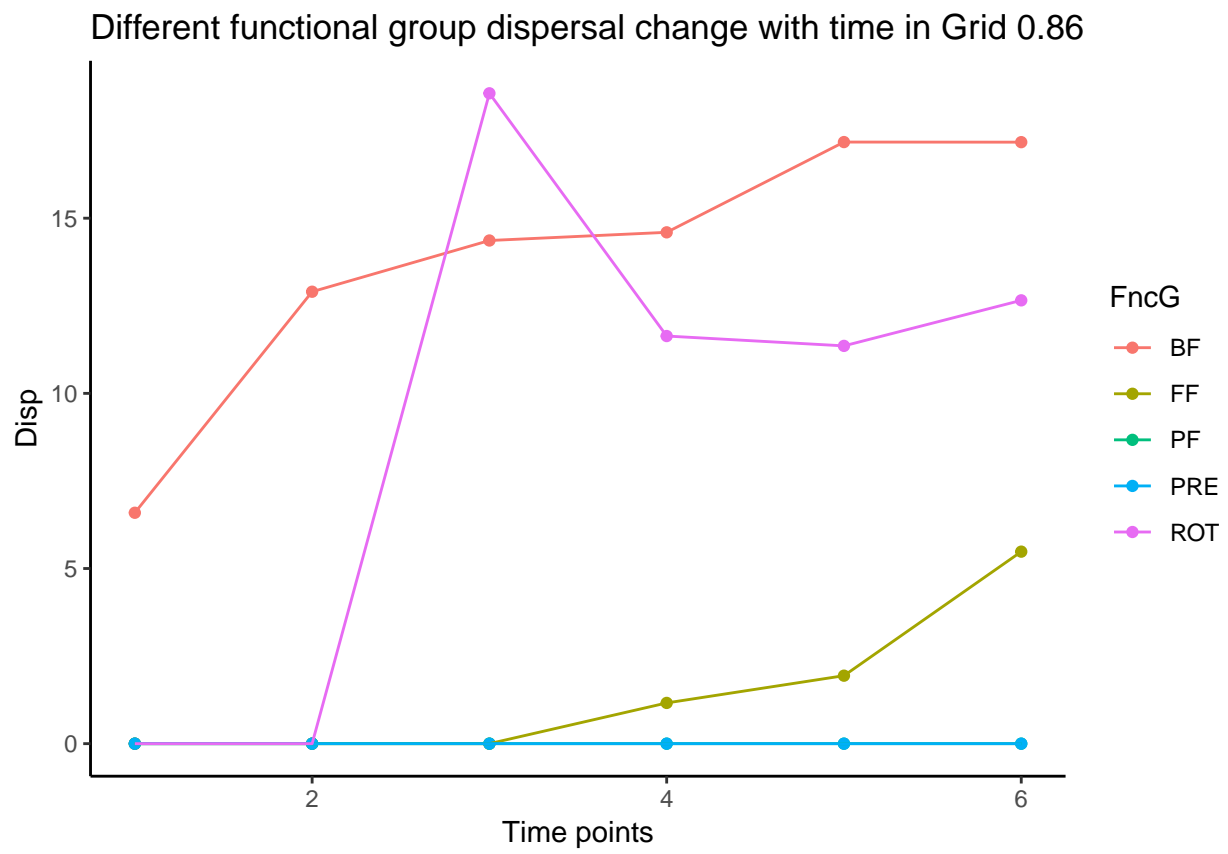Different functional group dispersal change with time in Grid 0.86

plot per functional group grid8

Different functional group dispersal change with time in Grid 0.77

plot per functional group grid9

Different functional group dispersal change with time in Grid 0.72
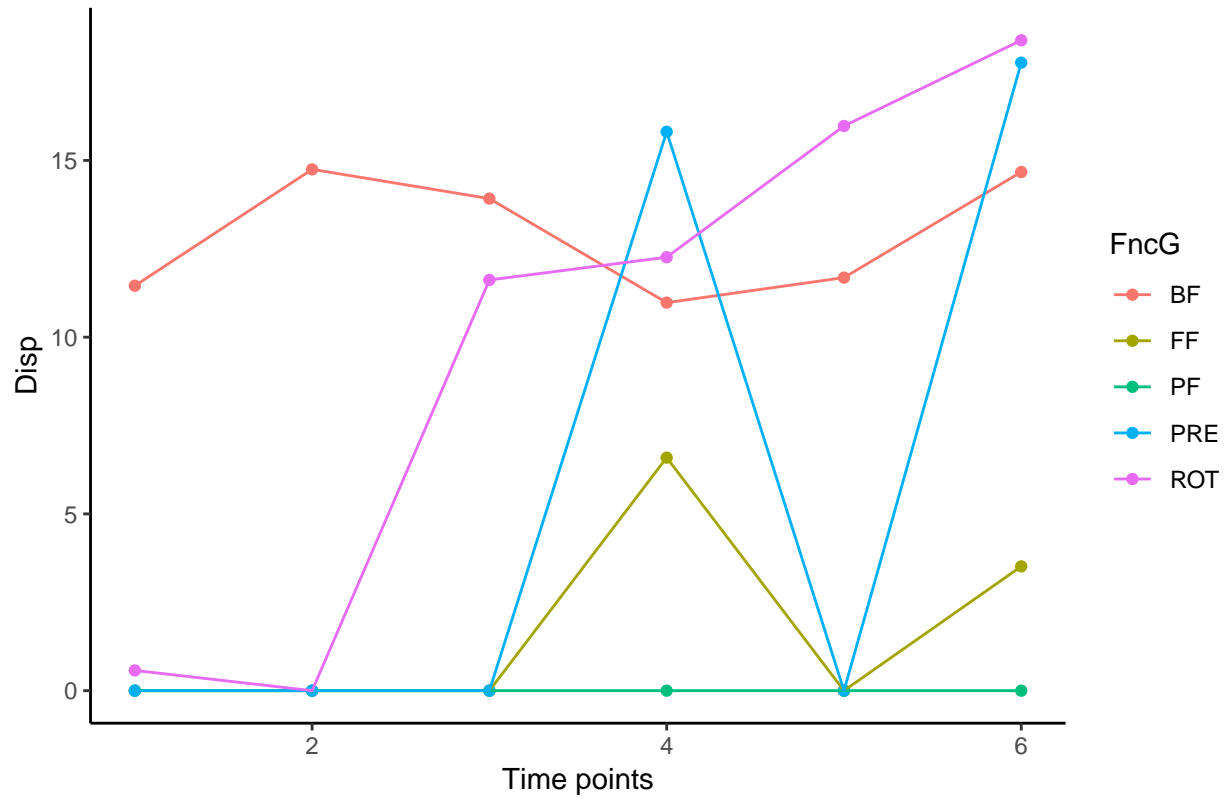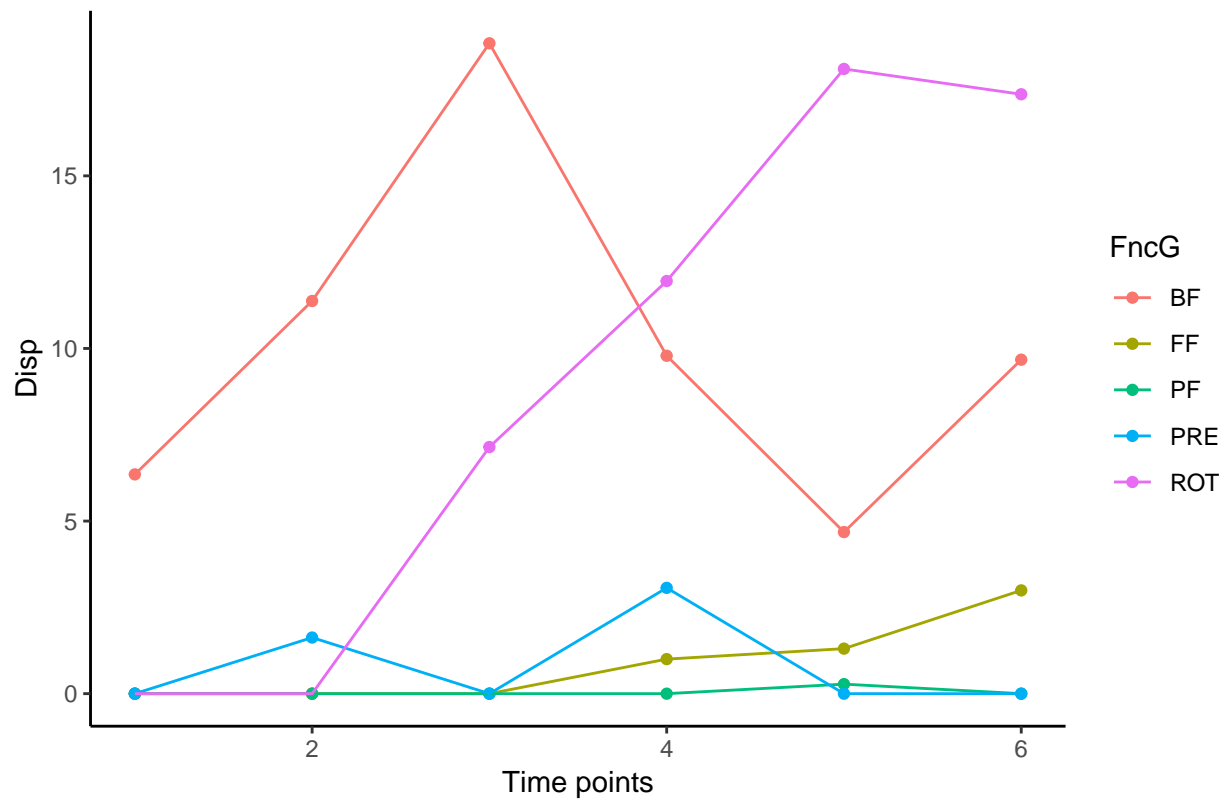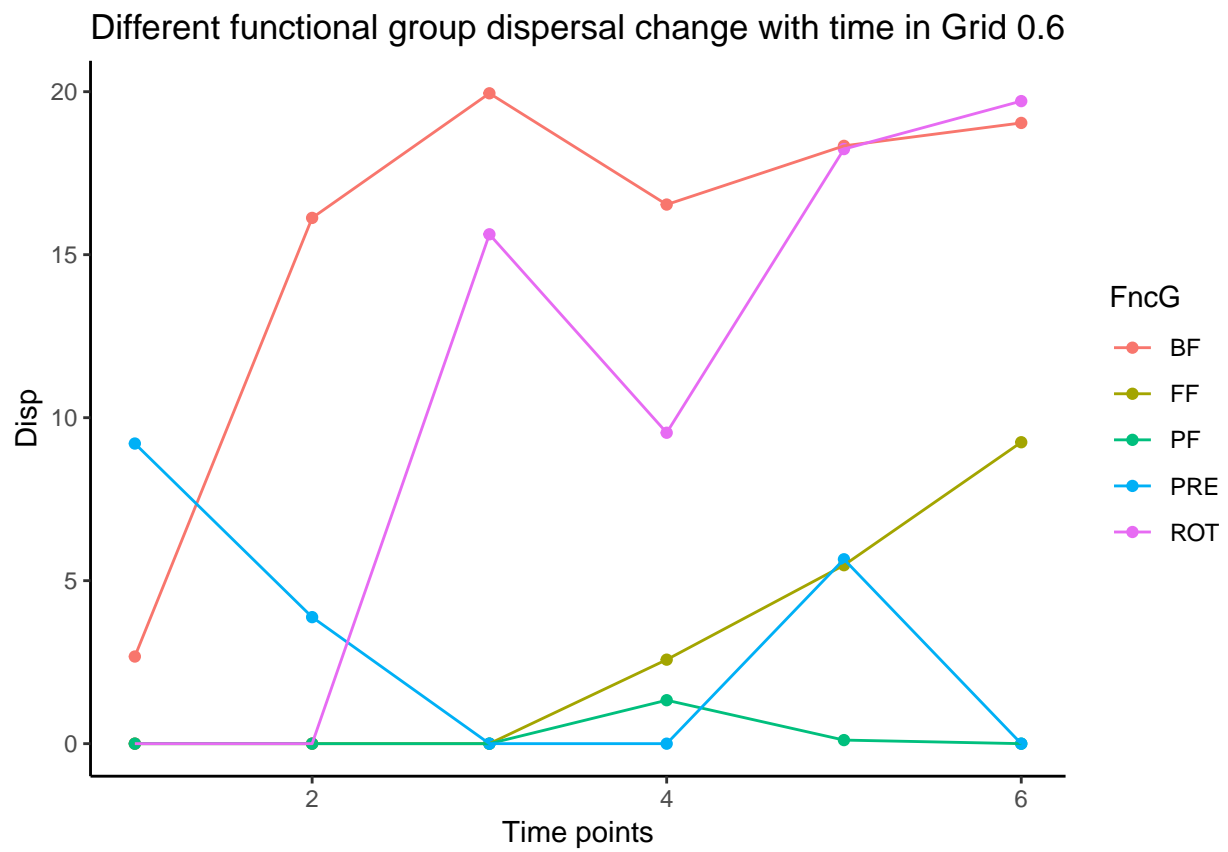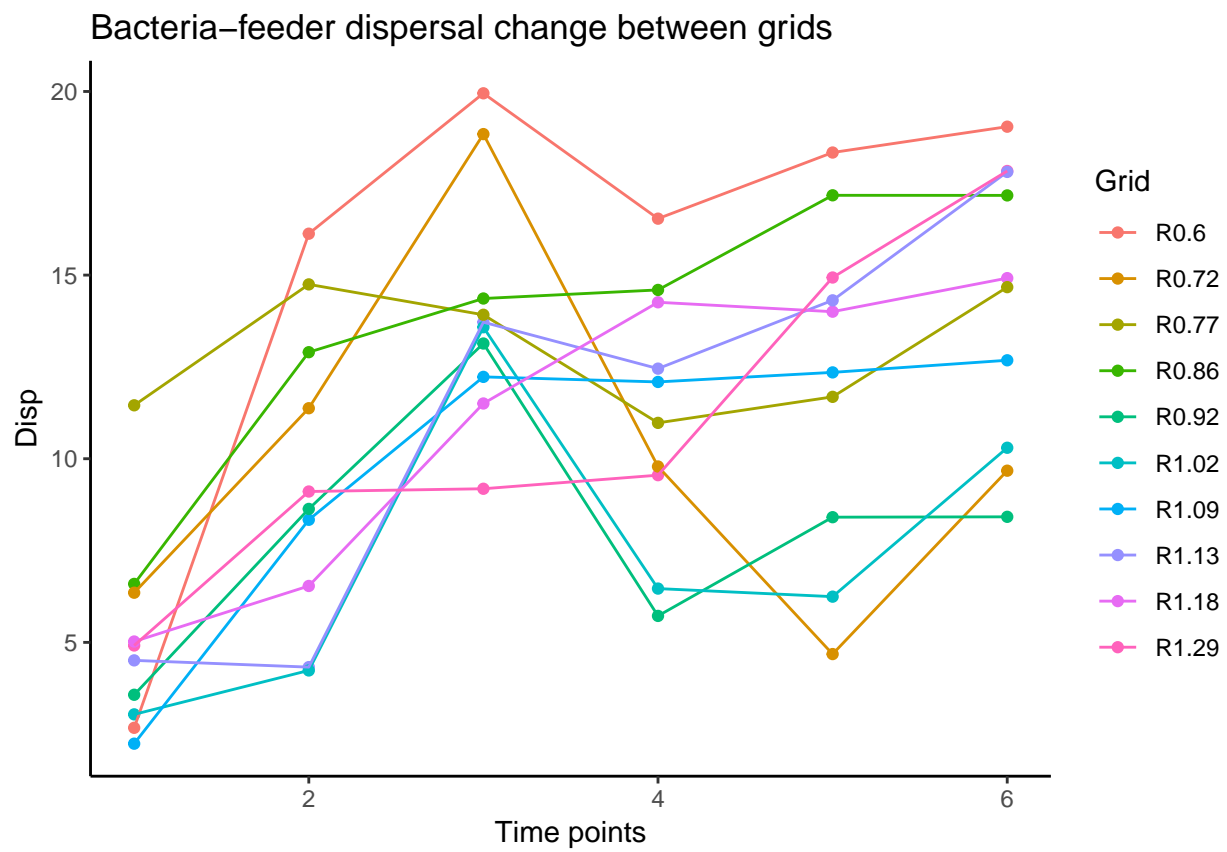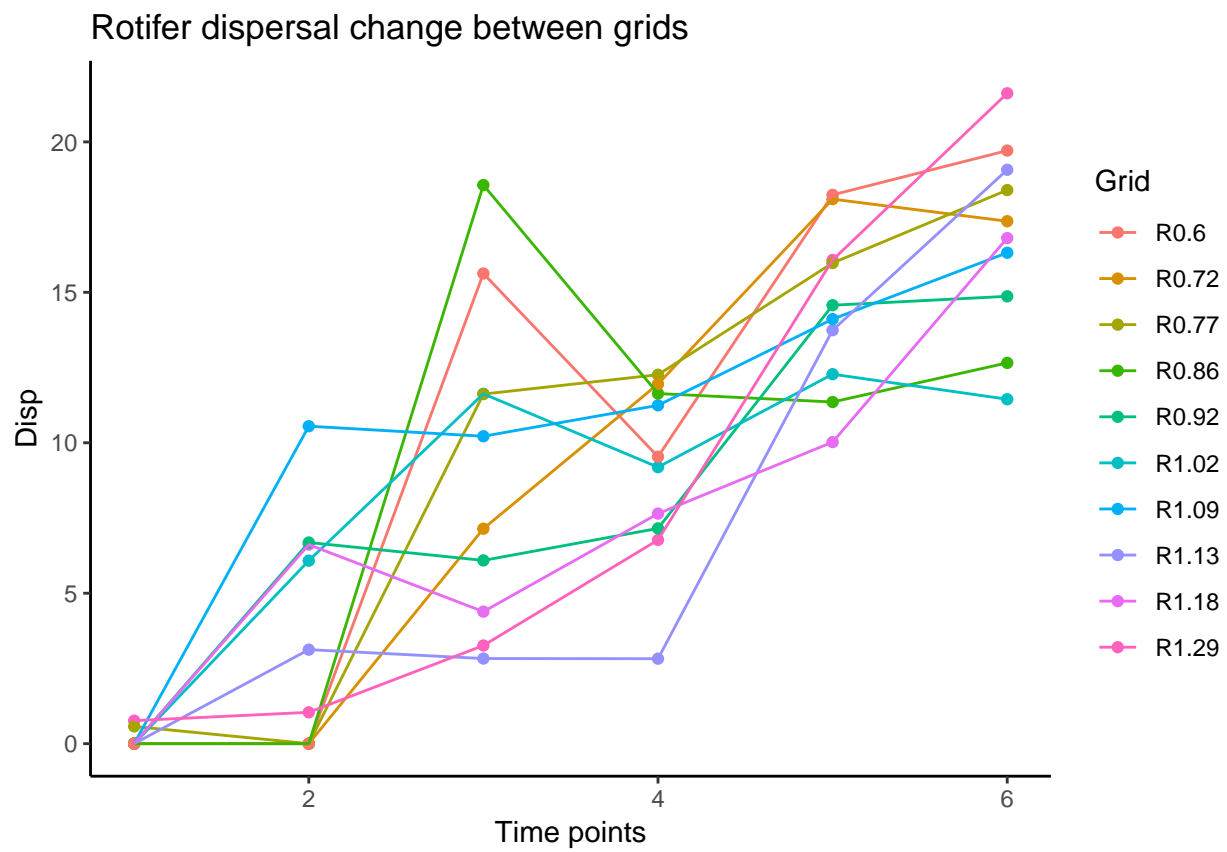
plot per functional group grid10

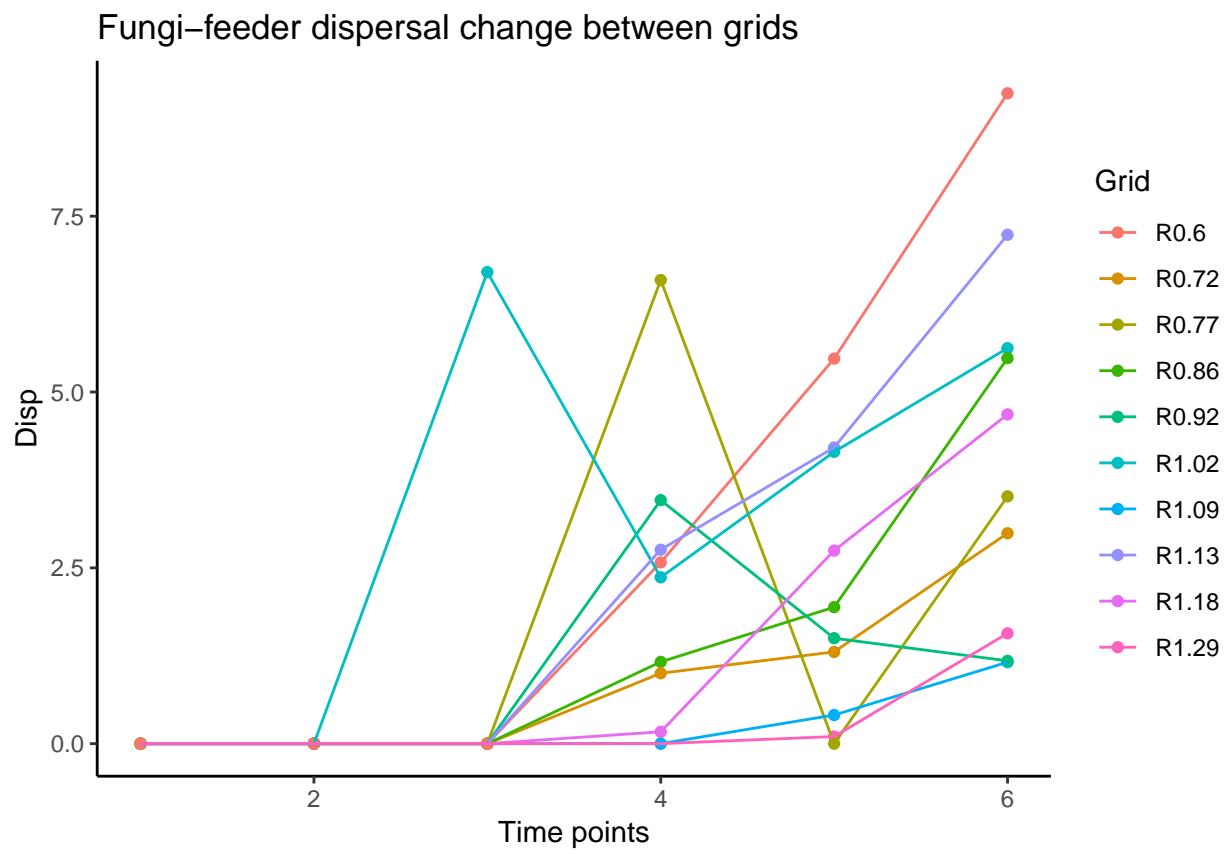Different functional group dispersal change with time in Grid 0.6

plot per Grid BF

Bacteria−feeder dispersal change between grids

plot per Grid BF

Bacteria−feeder dispersal change between grids

plot per Grid ROTIFER

Rotifer dispersal change between grids

plot per Grid FF

Fungi−feeder dispersal change between grids

plot per Grid PF

Plant–feeder dispersal change between grids
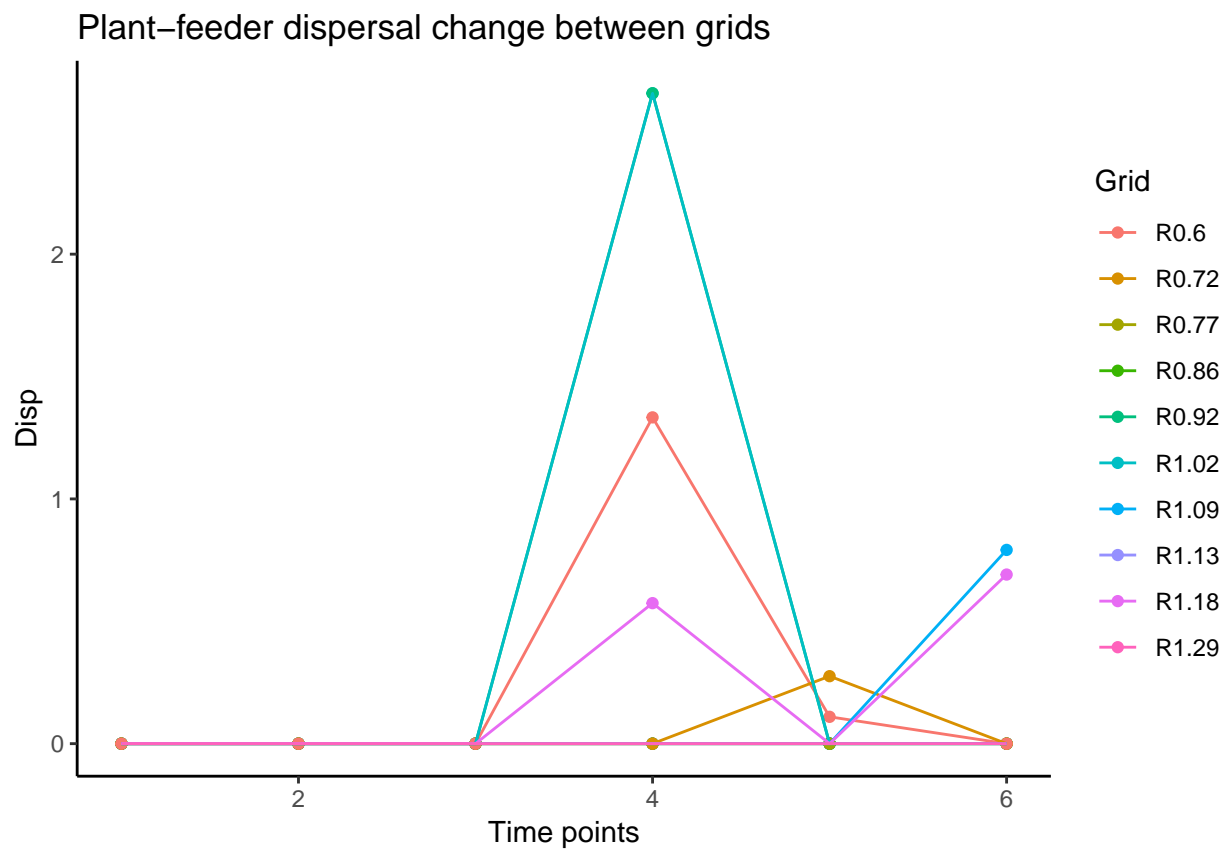
plot per Grid predator

```
ggplot(data= SPNETDISP_PRE, mapping = aes(x= Time, y= Disp, color = Grid, group= Grid)) +
geom_point()+geom_line()+
  labs(title ="Predator dispersal change between grids ", x ="Time points")+
theme_classic()
```

Predator dispersal change between grids