

Examples of Some Other Types of Plots

Study These as Guides

Plot Type:

- 1 Stacked plots sharing the same time axis. (But see also the faceted plots below.)
- 2 Standard scatterplot.
- 3 Density plot
- 4 Contour plot

R code and result:

```
## Another technique: bin and contour
## Same data as previous plots
colors <- c('gray', 'skyblue', 'forestgreen',
            'darkorange', 'black')
ix <- iy <- rep(0, nrow(D))
xlim <- seq(-65,10,by=1); ylim <- seq(-2.5,2.5,by=0.1)
for (i in 1:nrow(D)) {
  ix[i] <- which(xlim > D$ATX[i])[1]-1
  iy[i] <- which(ylim > D$WIC[i])[1]-1
}
A <- rep(0, length(xlim)*length(ylim))
dim(A) <- c(length(xlim), length(ylim))
for (i in 1:nrow(D)) {
  A[ix[i],iy[i]] <- A[ix[i],iy[i]]+1
}
filled.contour(xlim, ylim, A,
               levels=c(1,10,20,50,100,160), col=colors)
```

