

Here's a chart depicting three different smoothing techniques on a dataset. Below, you'll see some R input, along with the resulting diagram:

```
> library('UsingR')
> attach(five.yr.temperature)
> scatter.smooth(temps~days,col="light blue",bty="n")
> lines(smooth.spline(temps~days),lty=2,lwd=2)
> lines(supsmu(days, temps),lty=3,lwd=2)
> legend(x=110,y=40,lty=c(1,2,3),lwd=c(1,2,2),
+       legend=c("scatter.smooth","smooth.spline","supsmu"))
> detach(five.yr.temperature)
```

