VR03_stat

December 15, 2015

1 Jump and Lag Stats

1.1 VR Bremen 2015

In [83]:
```
require (ggplot2)
```

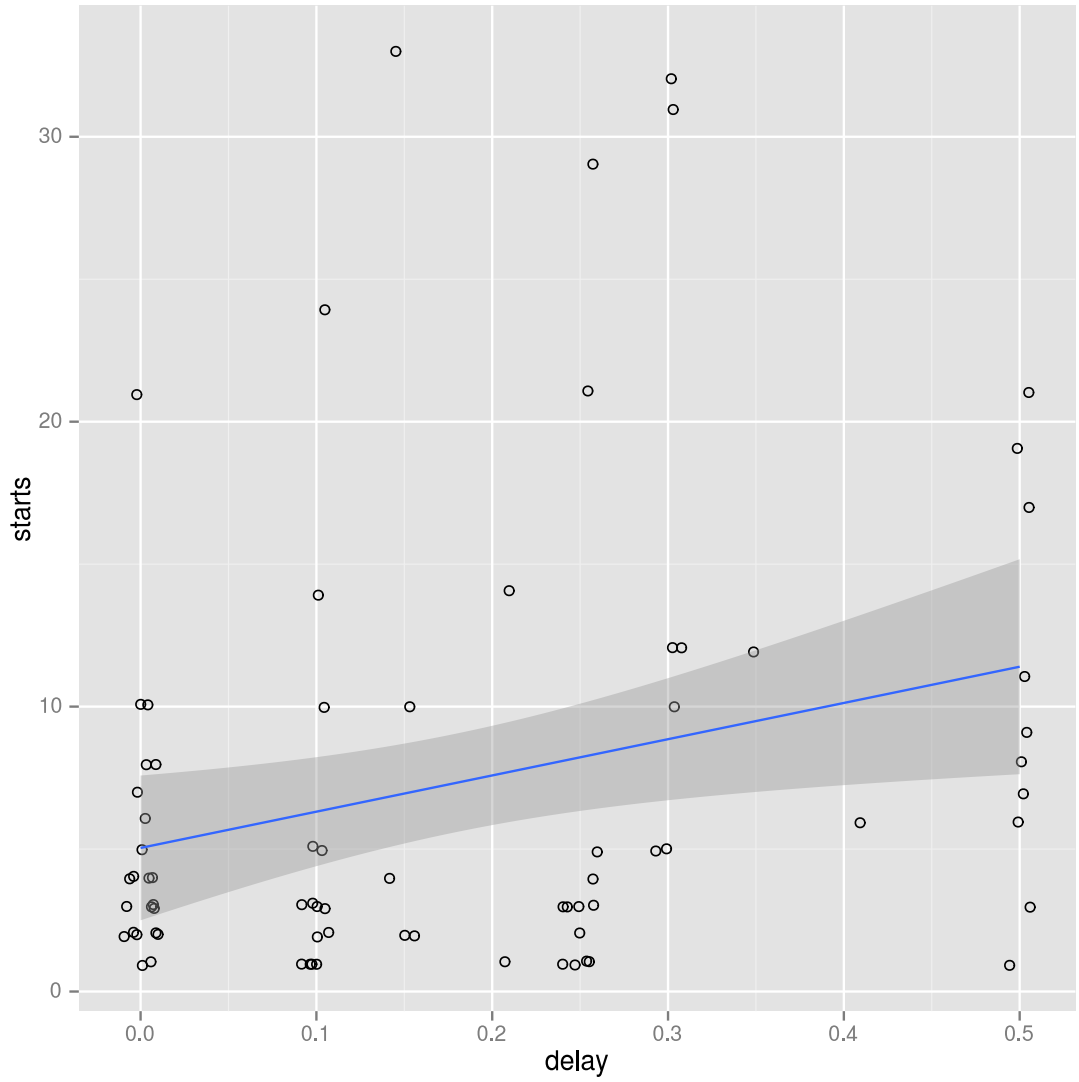
In [84]:
```
delays <- c(0,0.15,0.25,0,0.1,0.25,0,0.2,0.35,0,0.2,0.4,
            0,0.25,0.5,0,0.25,0.5,0,0.25,0.5,0,0.25,
            0,0.1,0.3,0,0.1,0.3,0,0.1,0.3,
            0,0.25,0.5,0,0.25,0.5,0,0.25,0.5,0,0.25,0.5,
            0.1,0.25,0.5,0.1,0.25,0.5,0.1,0.25,0.5,
            0,0.1,0.3,0,0.1,0.3,0,0.1,0.3,0,0.1,0.3,
            0,0.1,0.15,0,0.1,0.15,0,0.1,0.15,0,0.1,0.15)
starts <- c(2,33,21,10,24,1,21,14,12,1,1,6,
            3,1,11,3,4,3,2,1,21,8,3,
            4,5,10,2,1,5,7,10,12,
            3,3,9,2,3,7,1,2,19,2,3,6,
            3,1,1,1,5,8,14,29,17,
            10,2,12,6,3,32,5,1,5,4,5,31,
            8,3,10,4,1,4,3,3,2,4,2,2)
times <- c(55.418,50.612,46.693,84.642,75.656,71.557,31.216,64.679,80.630,28.406,31.000,76.466
           21.5,34.6,46.7,17.5,28.7,43.4,20.3,28.4,59.9,28.2,37.7,
           22.404,20.705,31.749,19.562,24.06,40.145,22.186,23.676,39.68,
           19.39,32.73,61.904,20.4,31.6,52.35,17.44,19.29,49.15,26.47,47.39,61.54,
           26.59,36.084,23.472,36.667,43.956,32.76,54.7,59.6,51.596,
           15.6,24.7,38.5,16.5,18.5,33.3,15.5,16.5,19,15.45,18.4,26,
           33,53,47,23,30,46,19,21,22,22,31,33)

if (length(delays) != length(starts)) stop("starts")
if (length(delays) != length(times)) stop("times")

dat <- data.frame(
    delay = delays,
    start = starts,
    time = times)
head(dat)
```

Out[84]:

	delay	start	time
1	0	2	55.418
2	0.15	33	50.612
3	0.25	21	46.693
4	0	10	84.642
5	0.1	24	75.656
6	0.25	1	71.557

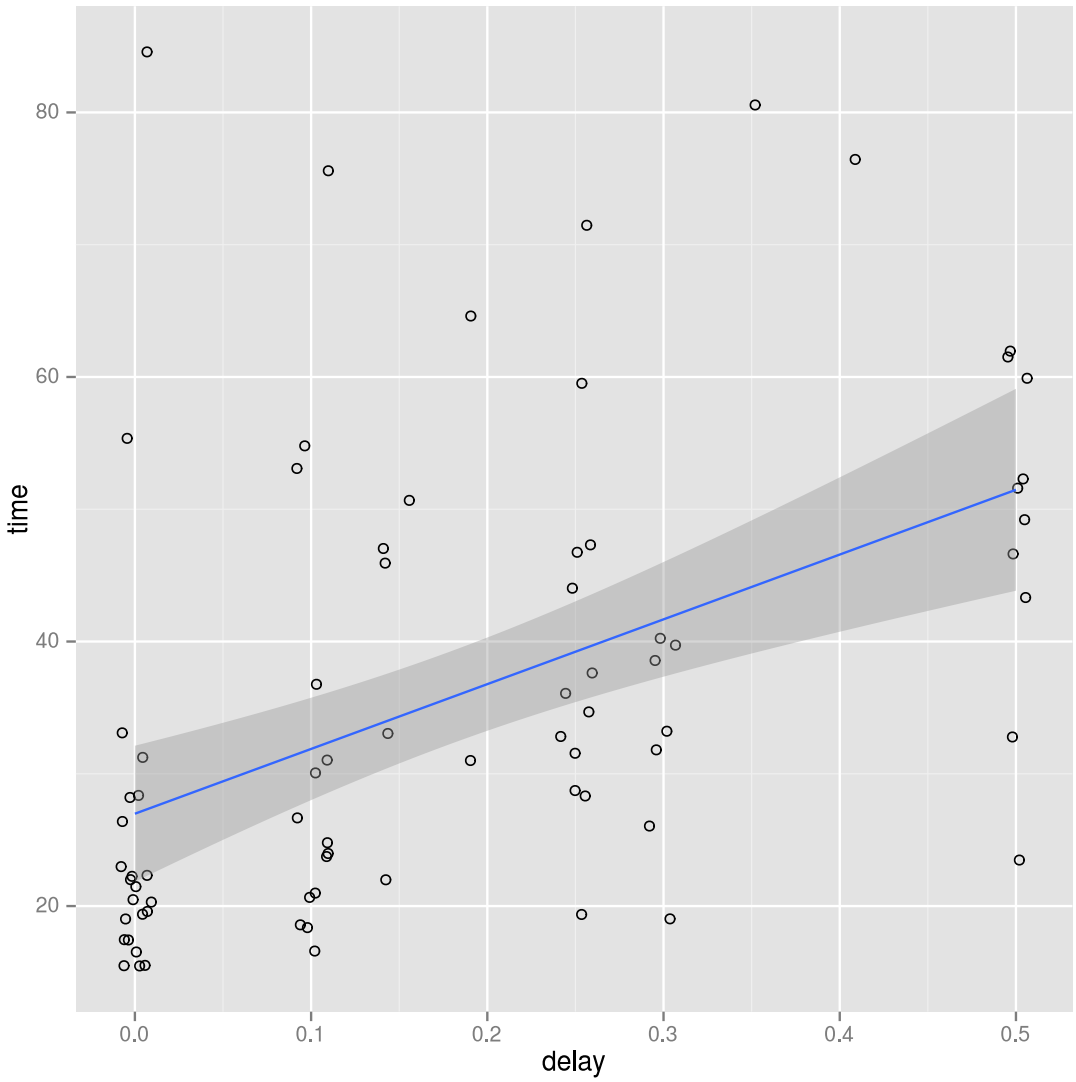
1.2 Attempts vs. Delay

In [85]:
```
ggplot(dat, aes(x=delay, y=starts)) +
geom_point(shape=1, position=position_jitter(width=0.01,height=.1))+
geom_smooth(method=lm)
```



1.3 Time vs. Delay

In [86]:
```
ggplot(dat, aes(x=delay, y=time)) +
geom_point(shape=1, position=position_jitter(width=0.01,height=.1))+
geom_smooth(method=lm)
```



In [ ]: