My Document

Histograms

```
params$sth
```

```
## [1] 100
```

```
params$ivs[2]
```

```
## [1] "disp"
```

```
params$dvs
```
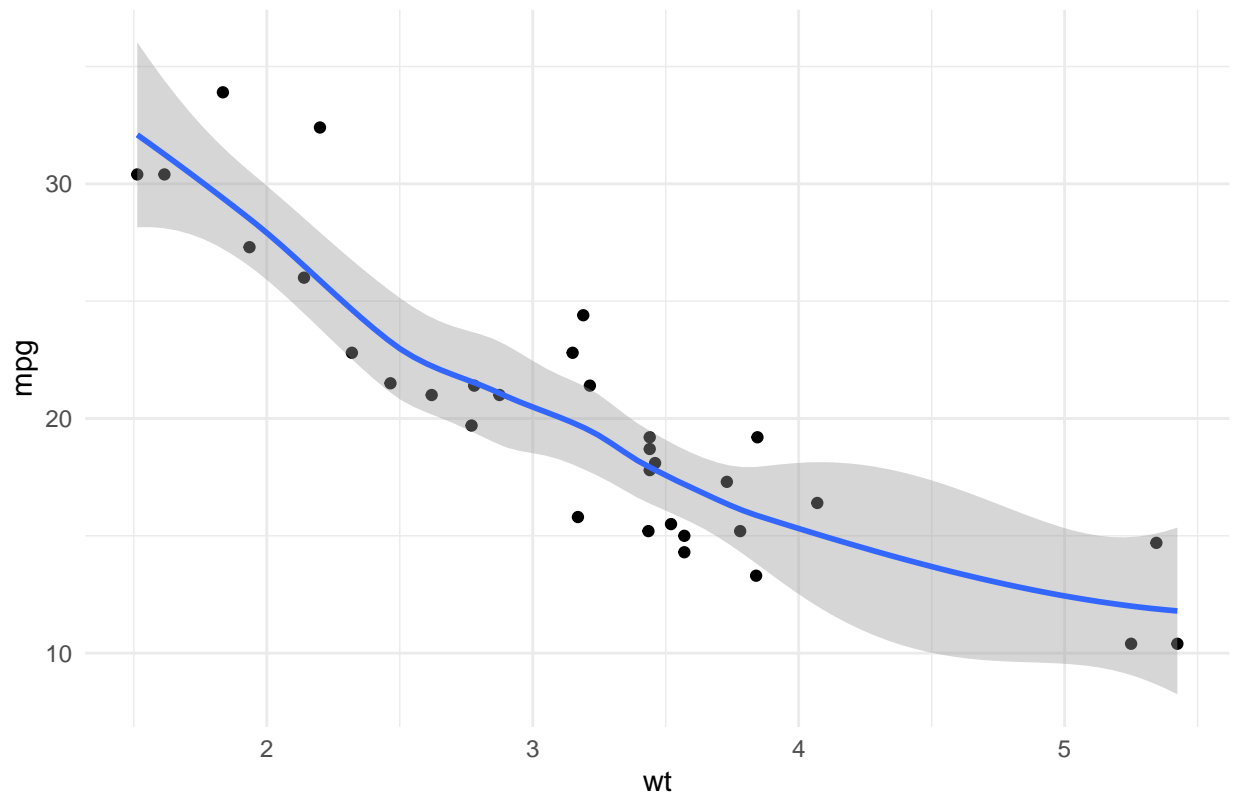
```
## [1] "mpg"  "qsec"
```
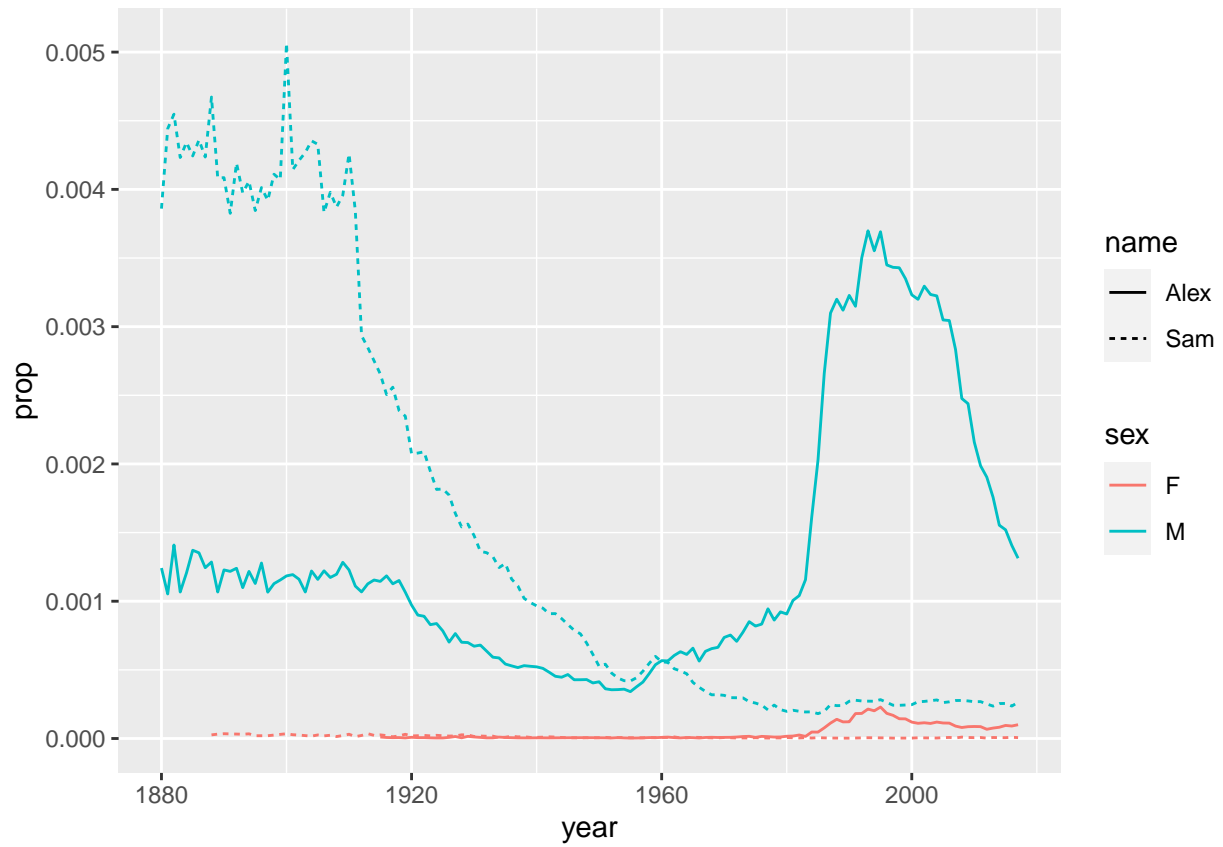
```
dat <- readRDS("Newdata.rds")

plotMaker1()
```

```
## 'geom_smooth()' using method = 'loess' and formula 'y ~ x'
```
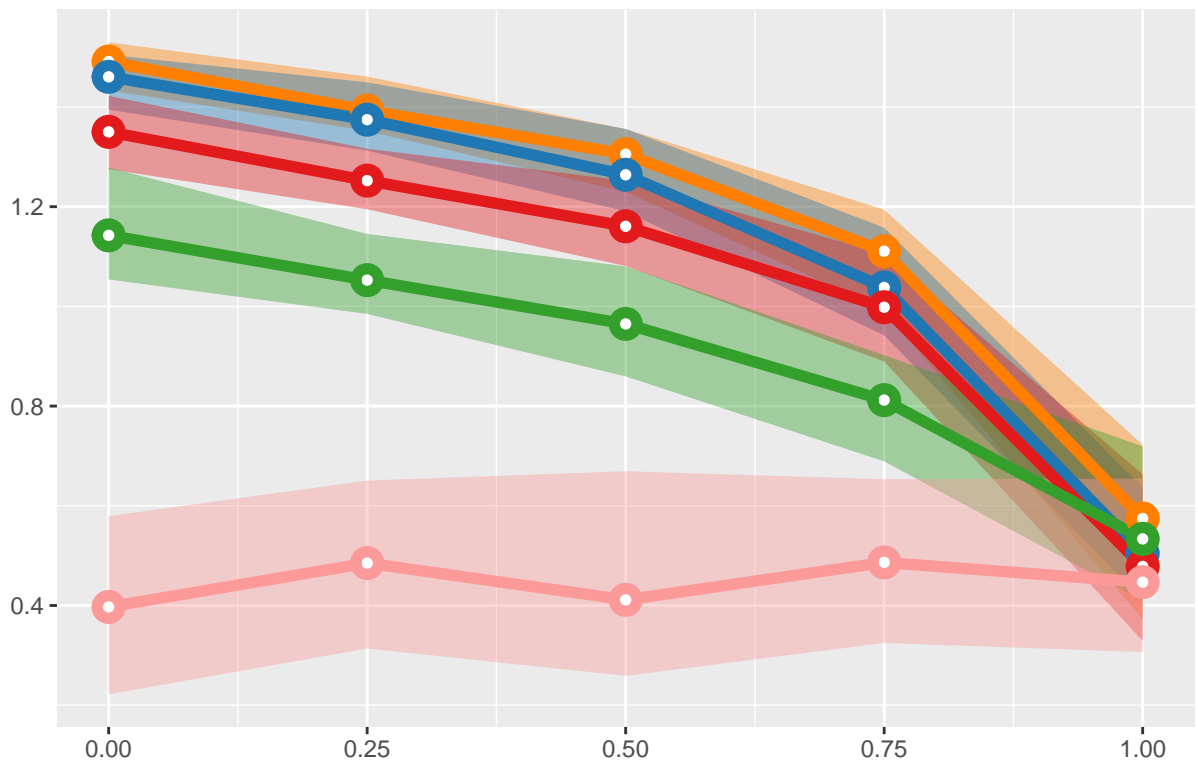
#python and #rstats: Comparing 1,000 random tweets


```
plotMaker2()
```

```
RtBasedonAppAndManualForReport(dat,dp3[2,"lable"],dp3[3,"value"],dp3[4,"value"],dp3[5,"value"],dp3[6,"va
```

Adding missing grouping variables: 'R0', 'p.symp', 'iso_delay_traced_max', 'iso_delay_untraced_sd_ma

Colors show the level of app tracing


```
plotProducerForReport(dat,dp4[2,"lable"],dp4[3,"value"],dp4[4,"value"],
dp4[5,"value"],dp4[6,"value"],dp4[7,"value"],
dp4[8,"value"],dp4[9,"value"],dp4[10,"value"])
```

```
RtBasedonTwoPlotsForReport(dat,dp5[2,"lable"],dp5[3,"value"],dp5[4,"value"],dp5[5,"value"],dp5[6,"value"],
dp5[8,"value"],dp5[9,"value"],dp5[10,"value"],dp5[11,"value"],dp5[12,"value"],dp5[13,"value"],dp5[14,"va
dp5[16,"value"])
```
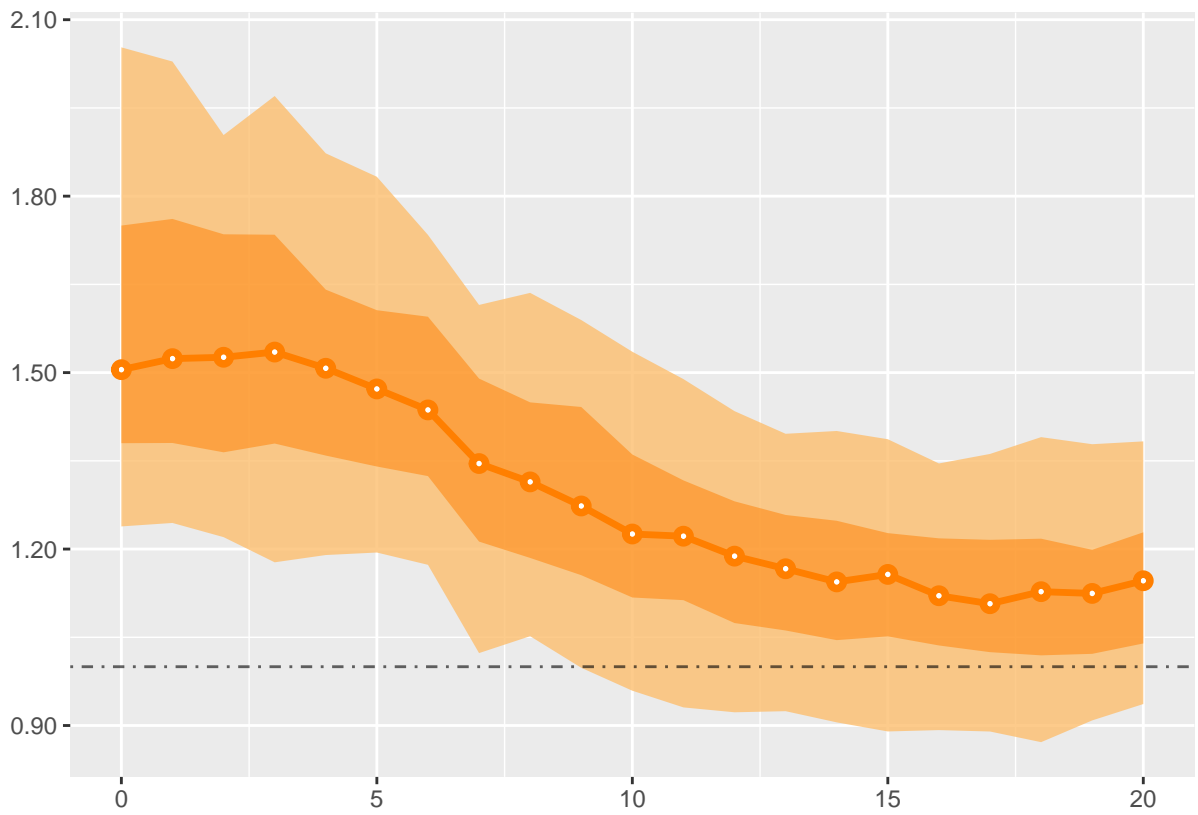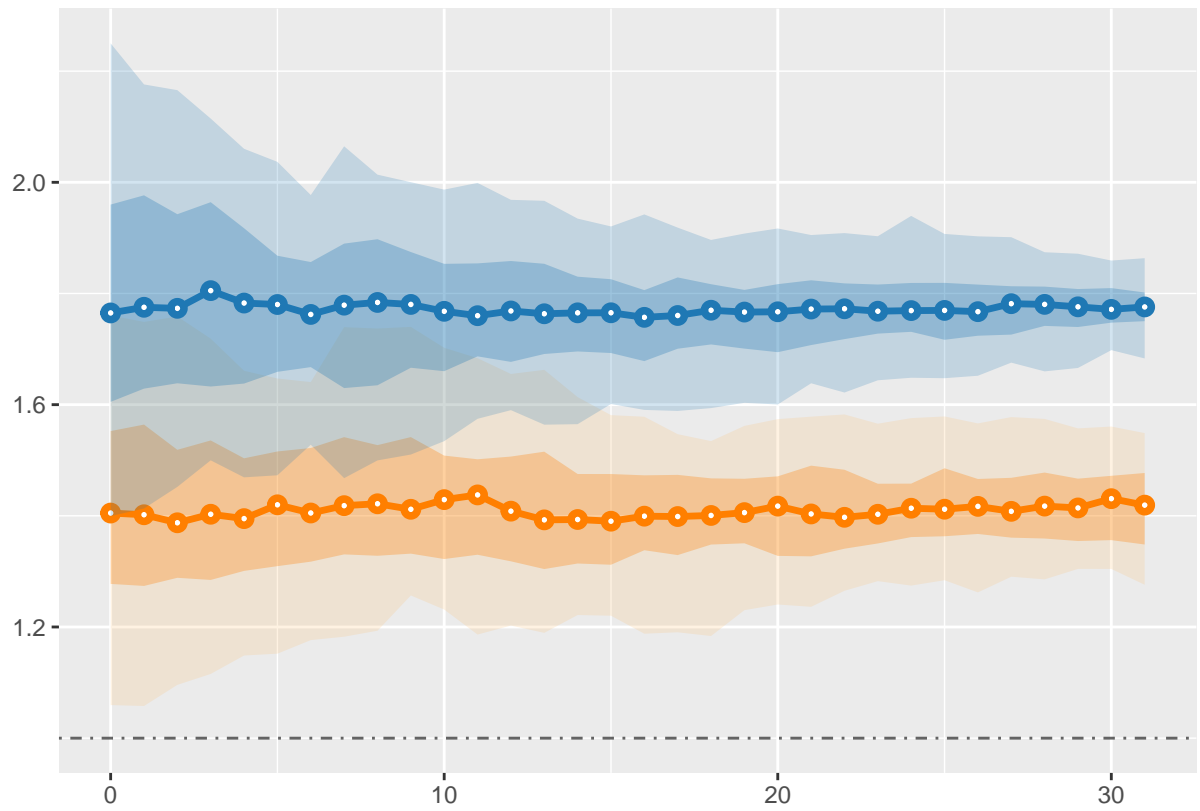
```
RtBasedonAppTraceForReport(dat,dp6[2,"lable"],dp6[3,"value"],dp6[4,"value"],dp6[5,"value"],dp6[6,"value"
```

Adding missing grouping variables: `R0`, `p.trace`, `p.symp`, `iso_delay_traced_max`, `sd_contact_ra

Colors show delay to isolation for untraced & distancing cases
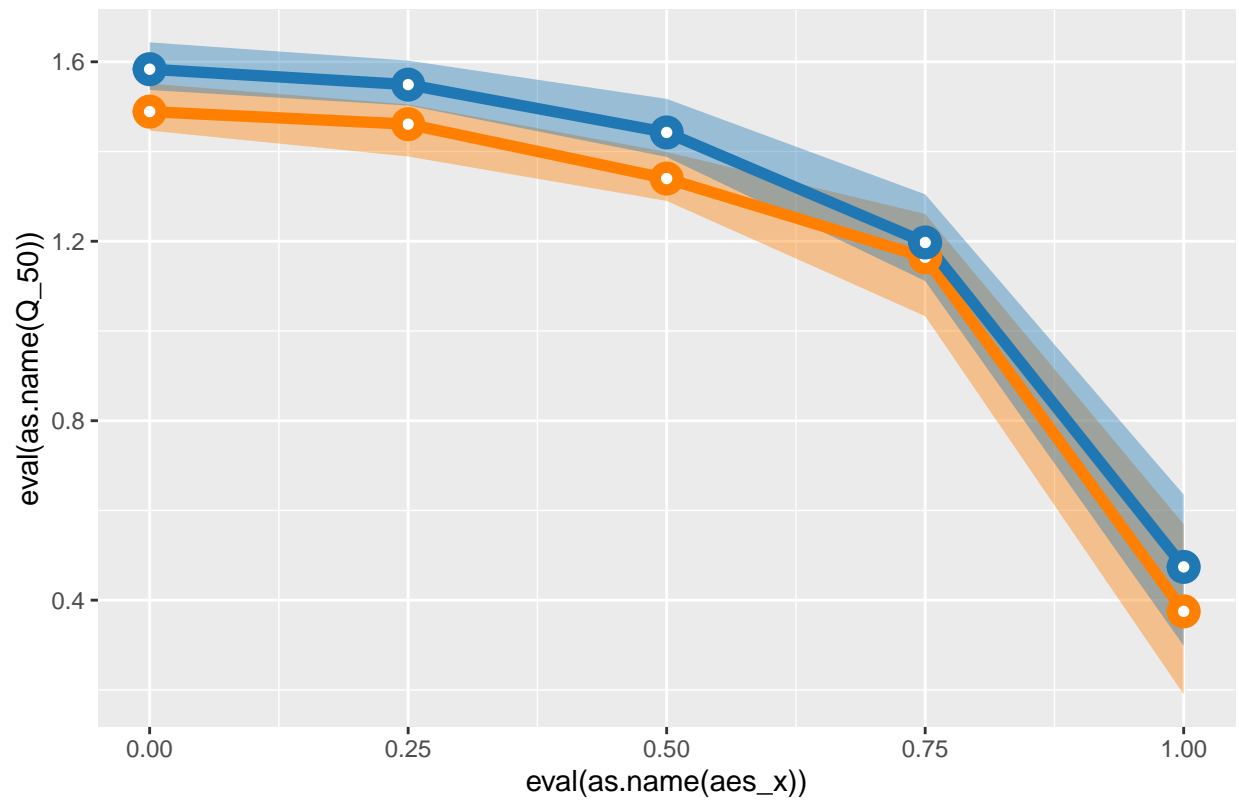

```
RtBasedonManualTraceForR(dat,dp7[2,"lable"],dp7[3,"value"],dp7[4,"value"],dp7[5,"value"],dp7[6,"value"]
```

```
## Adding missing grouping variables: 'R0', 'p.trace_app', 'p.symp', 'iso_delay_untraced_sd_max', 'sd_c
```

Colors show delay to isolation for traced cases (days)


```r
df <- data.frame(bucket = c("Omid Gheysar Gharamaki for the best table of the year is selected","1:11",
               value = c(-0.8125594, -0.7590050, -0.7189301, -0.7188391, -0.5047816,
                         -0.3439579, -0.4376782, -0.1300217, 0.9145718, 2.1844290,
                         4.8374356))
db <- data.frame(bucket = c("Omid Gheysar Gharamaki for the best","1:11","1:11","1:11",
"1:11","1:11","1:11","1:11","1:11","1:11","1:11"),
               value = c(-0.8125594, -0.7590050, -0.7189301, -0.7188391, -0.5047816,
                         -0.3439579, -0.4376782, -0.1300217, 0.9145718, 2.1844290,
                         4.8374356))
library(knitr)
kable(db)
```

bucket	value
Omid Gheysar Gharamaki for the best	-0.8125594
1:11	-0.7590050
1:11	-0.7189301
1:11	-0.7188391
1:11	-0.5047816
1:11	-0.3439579
1:11	-0.4376782
1:11	-0.1300217
1:11	0.9145718
1:11	2.1844290
1:11	4.8374356

```r
kable(df)
```

bucket	value
Omid Gheysar Gharamaki for the best table of the year is selected	-0.8125594
1:11	-0.7590050
1:11	-0.7189301
1:11	-0.7188391
1:11	-0.5047816
1:11	-0.3439579
1:11	-0.4376782
1:11	-0.1300217
1:11	0.9145718
1:11	2.1844290
1:11	4.8374356