Supplement to Introducing R

R Interest Group

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Note: We will refer to the 4 default RStudio pane layout as UL(Upper Left), UR (Upper Right), LR(Lower Right), LL(Lower Left) in this document. Be sure to install the packages: `ggplot2` *and* `splines`.

... Section 2

R is updated frequently, if you want to know the current version, visit http://cran.r-project.org.

R is installed on the PRI lab computers, however RStudio is currently only available on the PRI windows servers (kiev and moscow) and the PRI linux server (finland).

... Section 2.2

Programming languages deal with zero division differently. In some cases any opertation attempting division by zero is prohibited. R will allow you to proceed, but results vary. Consider these calcuations...

```
> 1/0
> 0/0
> -1/0
> 1/0 == 0/0
> (1/0) == (-1/0)
> (1/0) == (2/0)
> 1/0==0/0

> # Store these values in a dataframe and print a table
> v<-data.frame(c(0/0,1/0,-1/0,1/0==0/0))
> table(v)

v
-Inf  Inf
   1    1

> table(v,useNA='always')
```

```
v
-Inf  Inf  NaN <NA>
   1    1    1    1
```

```
> load(file="fpe.Rdata")
> library(stargazer)
> stargazer(fpe)
```

Table 1:

Statistic	N	Mean	St. Dev.	Min	Max
setting	20	72.100	15.738	35	91
effort	20	9.550	7.550	0	23
change	20	14.300	11.810	0	40

```
> stargazer(fpe[1:4,],summary=FALSE)
```

Table 2:

setting	effort	change
46	0	1
74	0	10
89	16	29
77	16	25