36-402 Midterm

Eu Jing Chua
eujingc

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EDA

Histogram of data$exports

Histogram of data$schooling

Histogram of data$growth

Histogram of data$peace

Histogram of data$concentration
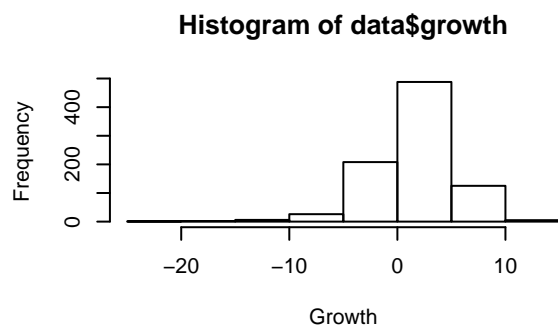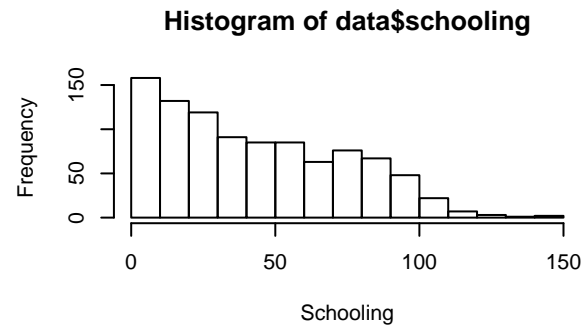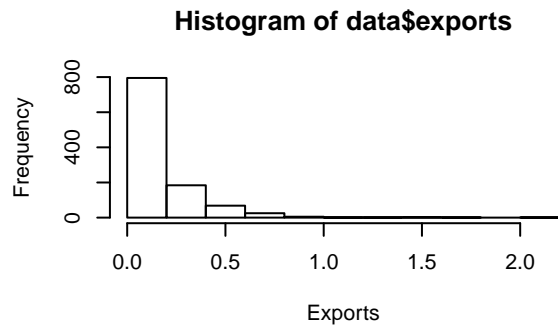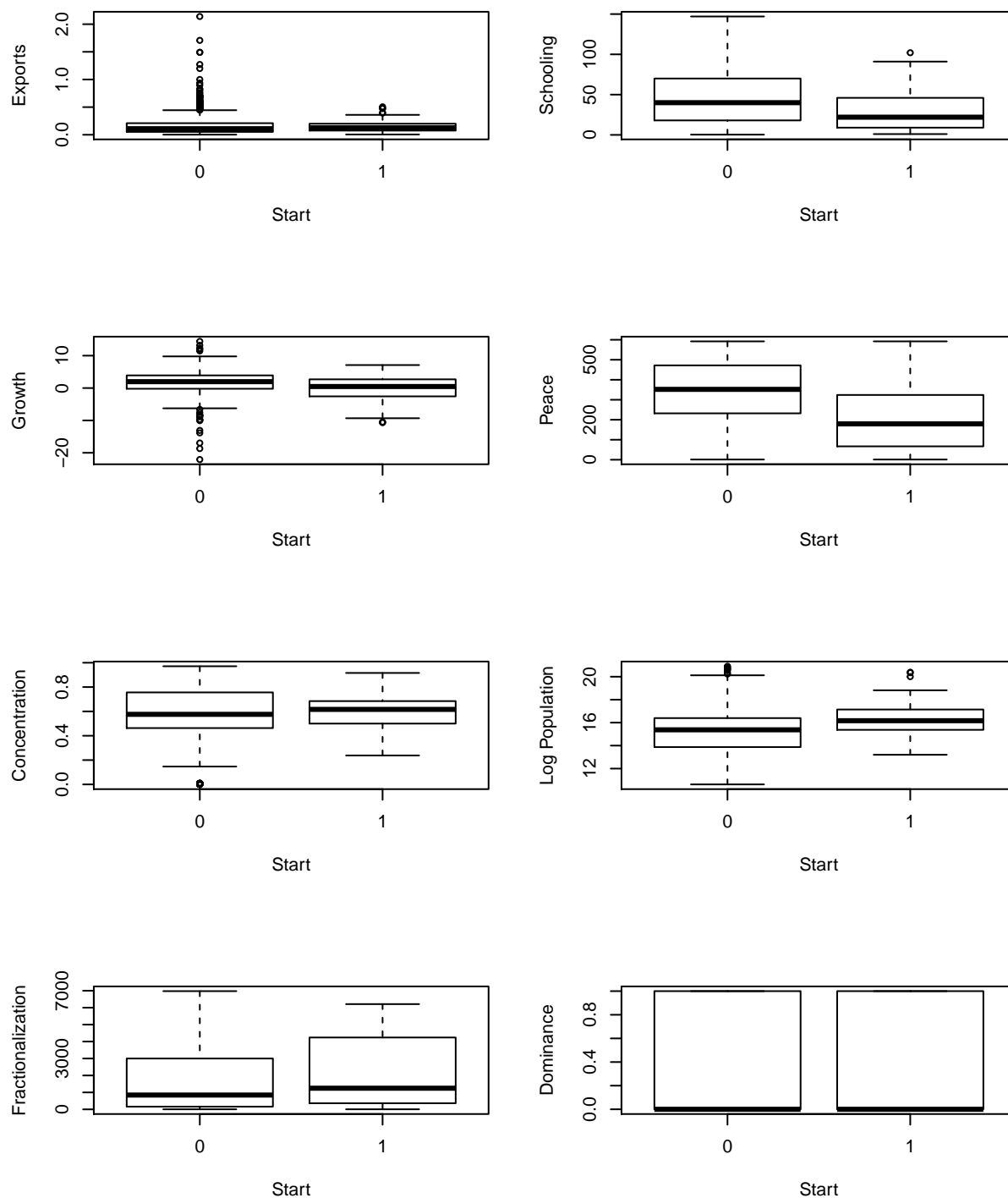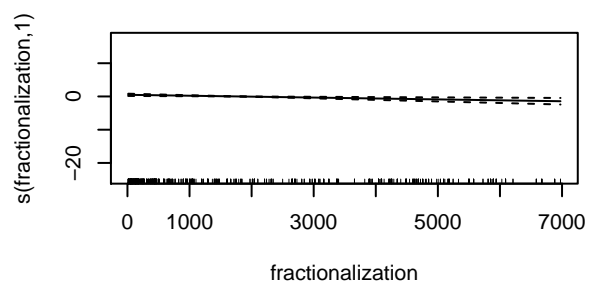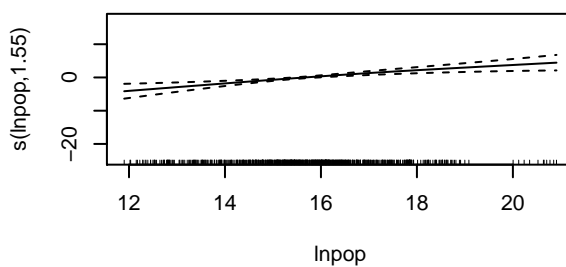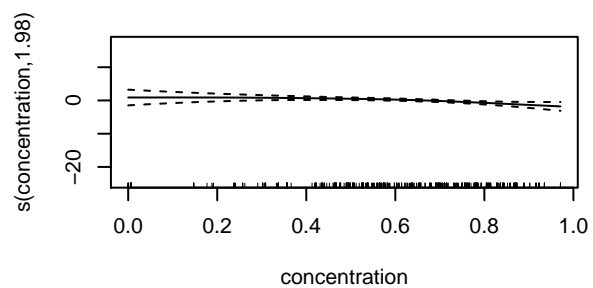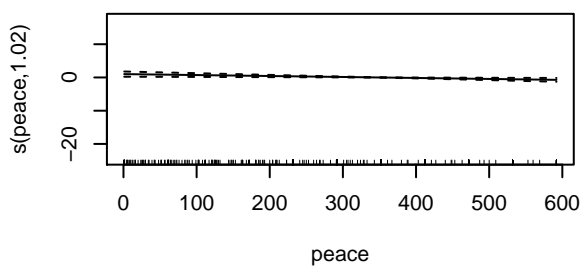

Histogram of data$lnpop

Histogram of data$fractionalization

Histogram of data$dominance
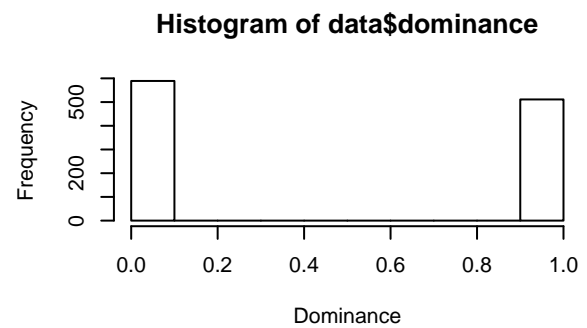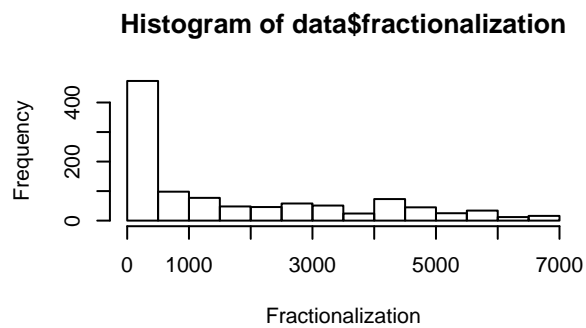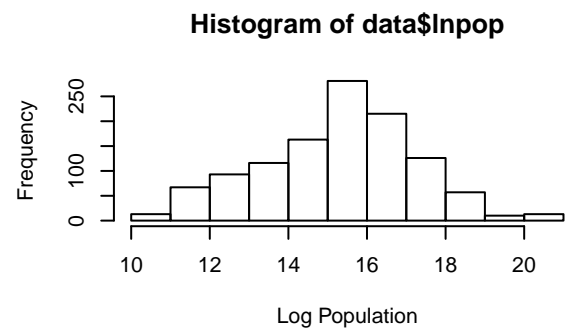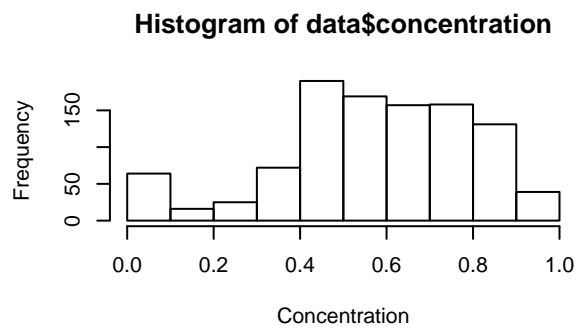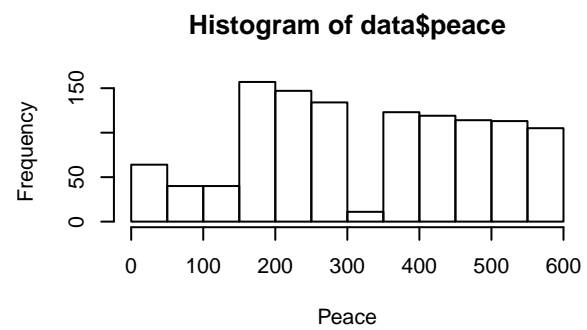
Bootstrap 95% C.I for coefficients

	lower	upper
(Intercept)	-12.4983431	-4.7302052
exports	1.0540424	5.1485595
schooling	-0.0367468	-0.0081859
growth	-0.2007148	-0.0448775
peace	-0.0058085	-0.0021974
concentration	-3.1880930	0.0859067
lnpop	0.2933985	0.7327675
fractionalization	-0.0002731	0.0000440
dominance	0.0421631	1.1580241

Model checking against GAM

```
## [1] 0.13
```

GAM partial-responses

New model

```
## [1] 0.36
```