Simple Regression Analysis

Elly Wang

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Abstract

Introduction

Data

Methodology

Results

```
load("../data/regression.RData")
library(xtable)
tb1 <- xtable(regression)
print(tb1, comment= FALSE)
```

	Estimate	Std. Error	t value	Pr(>|t|)
(Intercept)	7.0326	0.4578	15.36	0.0000
TV	0.0475	0.0027	17.67	0.0000

```
sumtb <- data.frame(c("Residual standard error", "R Squared", "F-Statistics") ,c(round(reg_summary$sigma
sumtb <- data.frame(c("Residual standard error", "R Squared", "F-Statistics") ,c(reg_summary$sigma, reg_
#rownames(sumtb) <- NA
colnames(sumtb) <- c("Quantity", "Value")
tb2 <- xtable(sumtb, digits = 2)
print(tb2, comment =FALSE,include.rownames=FALSE)
```

Quantity	Value
Residual standard error	3.26
R Squared	0.61
F-Statistics	312.14

Conclusions