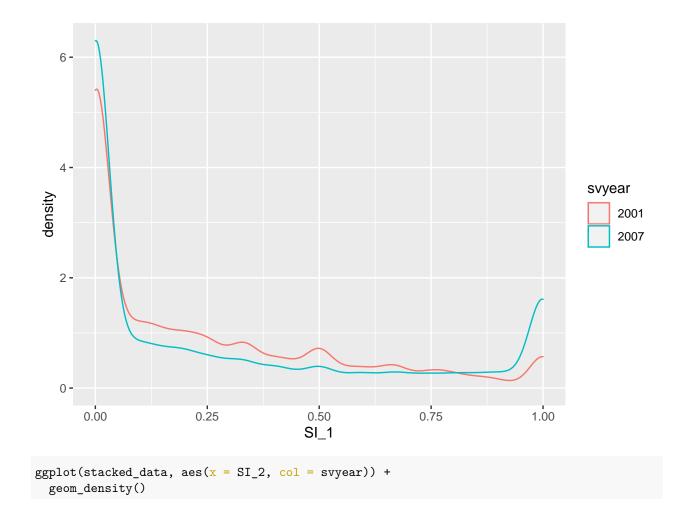
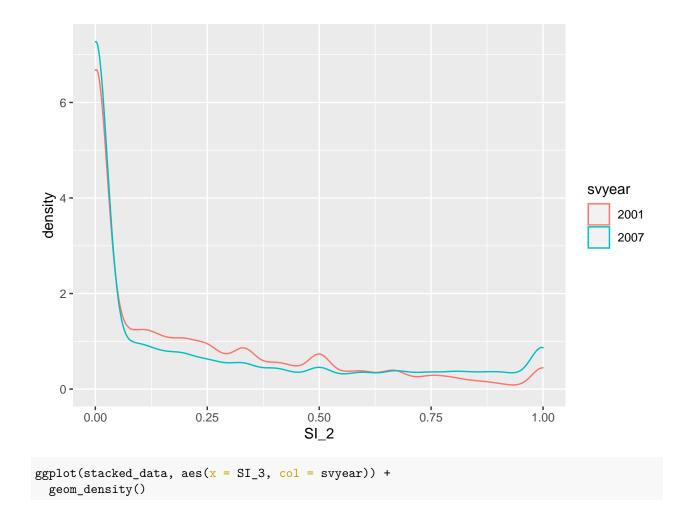
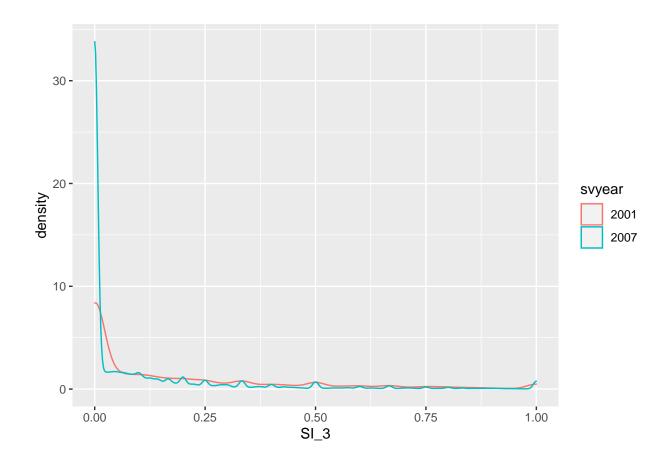
Skill intensity over years

Contents

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   1.1 Convert wage bill to USD . . . . . . . . . . . . . . . .
library(VNFirmSurvey)
library(data.table)
library(ggplot2)
library(DataExplorer)
library(here)
#> here() starts at /Users/nghiem/Documents/data-projects/VNFirmSurvey
library(haven)
library(labelled)
data("skill_07_dta")
data("skill_01_dta")
dta_list <- list(skill_07_dta, skill_01_dta)</pre>
stacked_data <- rbindlist(dta_list)</pre>
stacked_data$svyear <- as.factor(stacked_data$svyear)</pre>
ggplot(stacked_data, aes(x = SI_1, col = svyear)) +
  geom_density()
```







1 Wage Data

1.1 Convert wage bill to USD

Let's get exchange rate from the World Bank (PA.NUS.FCRF) $\,$

```
library(WDI)
exchange_rate_US_VN <- WDI(country = "VN",
    indicator = "PA.NUS.FCRF",
    start = 1999,
    end = 2019)

ggplot(exchange_rate_US_VN,
    aes(x = year, y = PA.NUS.FCRF)) +</pre>
```

```
geom_line() +
geom_point()
```

