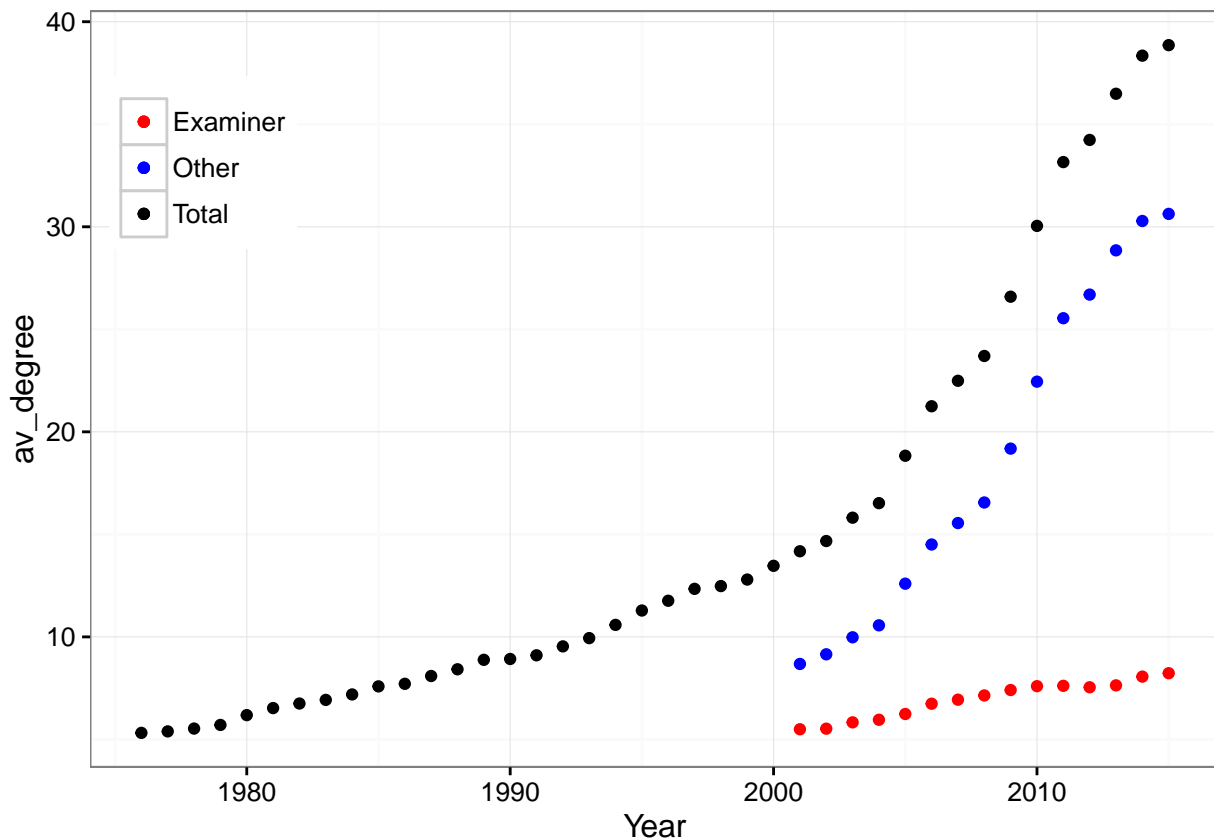


Mean degree per year

```
data <- read_csv("../DataFiles/Cleaned/patent_cat.csv")
data$Year <- year(data$Date2)
dsum <- data %>% group_by(Year) %>% summarise(av_degree = sum(Order) / n())

dat <- readRDS("Dat/orderFrequencies.rds")
dat <- dat %>% group_by(Year) %>% summarise(av_degree = sum(Total2 * Order) / sum(Total2), av_degree_Other = sum(Other2 * Order) / sum(Other2))
dsum <- full_join(dsum %>% filter(Year %in% 1976:2000), dat)

(gg <- ggplot(dsum, aes(x = Year)) +
  geom_point(aes(y = av_degree, col = "Total"))) +
  geom_point(aes(y = av_degree_Other, col = "Other")) +
  geom_point(aes(y = av_degree_Examiner, col = "Examiner")) +
  theme_bw() +
  scale_color_manual(values = c("Other" = "blue", "Examiner" = "red", "Total" = "black")) +
  theme(legend.title=element_blank(), legend.position = c(0.1,0.8)))
```



```
png("Figures/av_degree_vs_year.png"); gg; dev.off()
```

```
## pdf
## 2
```

Aging of patents