Tech Graduate Case

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Henting av data

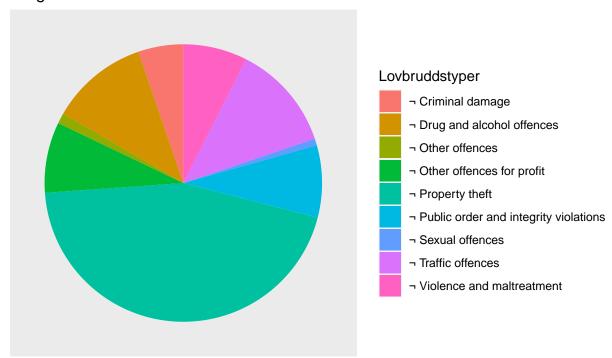
Data er hentet fra ssb.no ved hjelp av JSON-spørringer. Dataene inneholder informasjon om anmeldte lovbrudd, sortert etter lovbruddsype og gjerningssted.

```
data <- fromJSONstat(content(response, "text"))</pre>
```

${\bf Lovbruddsgrupper~i~2003}$

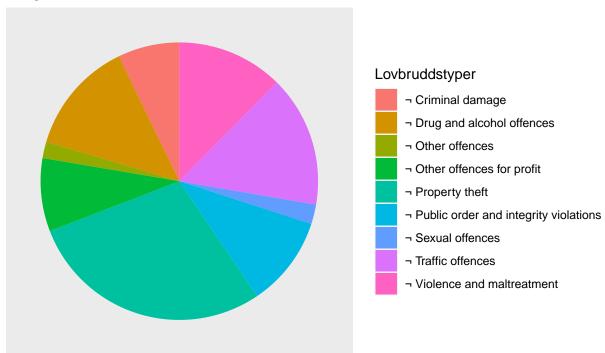
Diagrammet viser andelen rapporterte lovbrudd innenfor hver lovbruddstype. Tallene er på landsbasis.

Error : 'format_warning' is not an exported object from 'namespace:cli'

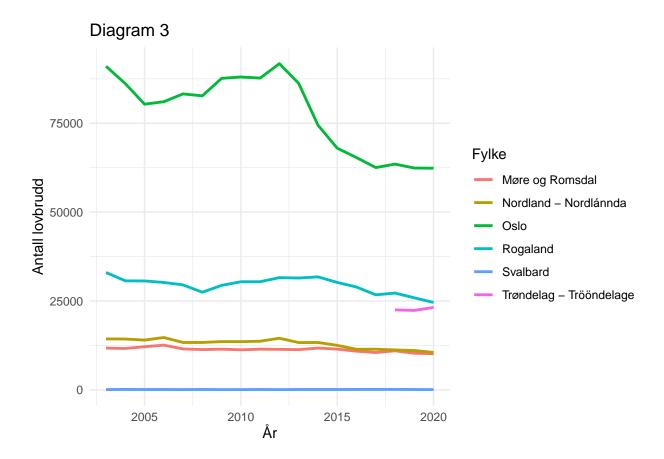


${\bf Lovbruddsgrupper~i~2020}$

Diagrammet viser andelen rapporterte lovbrudd innenfor hver lovbruddstype. Tallene er på landsbasis.



Utviklingen av antall lovbrudd per fylke



Appendix

Diagram 1

```
data <- data %>%
  select(-contents) %>%
  filter(is.na(value) == FALSE)
norge <- data %>%
  filter('scene of crime' == "The whole country") %>%
  filter(!'type of offence' %in% c("All groups of offences")) %>%
  filter(year == "2003")
norge_plot <- ggplot(norge, aes(x="", y=value, fill='type of offence')) +</pre>
  geom_bar(width = 1, stat = "identity") +
  coord_polar("y", start=0) +
  ggtitle("Diagram 1") +
  labs(fill="Lovbruddstyper") +
  theme(axis.title.x = element_blank(),
  axis.title.y = element_blank(),
  panel.border = element_blank(),
  panel.grid=element_blank(),
  axis.ticks = element_blank(),
  axis.text.x=element_blank())
norge_plot
```

```
norge <- data %>%
  filter('scene of crime' == "The whole country") %>%
  filter(!'type of offence' %in% c("All groups of offences")) %>%
  filter(year == "2020")
norge_plot <- ggplot(norge, aes(x="", y=value, fill='type of offence')) +</pre>
  geom_bar(width = 1, stat = "identity") +
  coord_polar("y", start=0) +
  ggtitle("Diagram 2") +
  labs(fill="Lovbruddstyper") +
  theme(axis.title.x = element_blank(),
  axis.title.y = element_blank(),
  panel.border = element_blank(),
  panel.grid=element_blank(),
  axis.ticks = element_blank(),
  axis.text.x=element_blank())
norge_plot
```