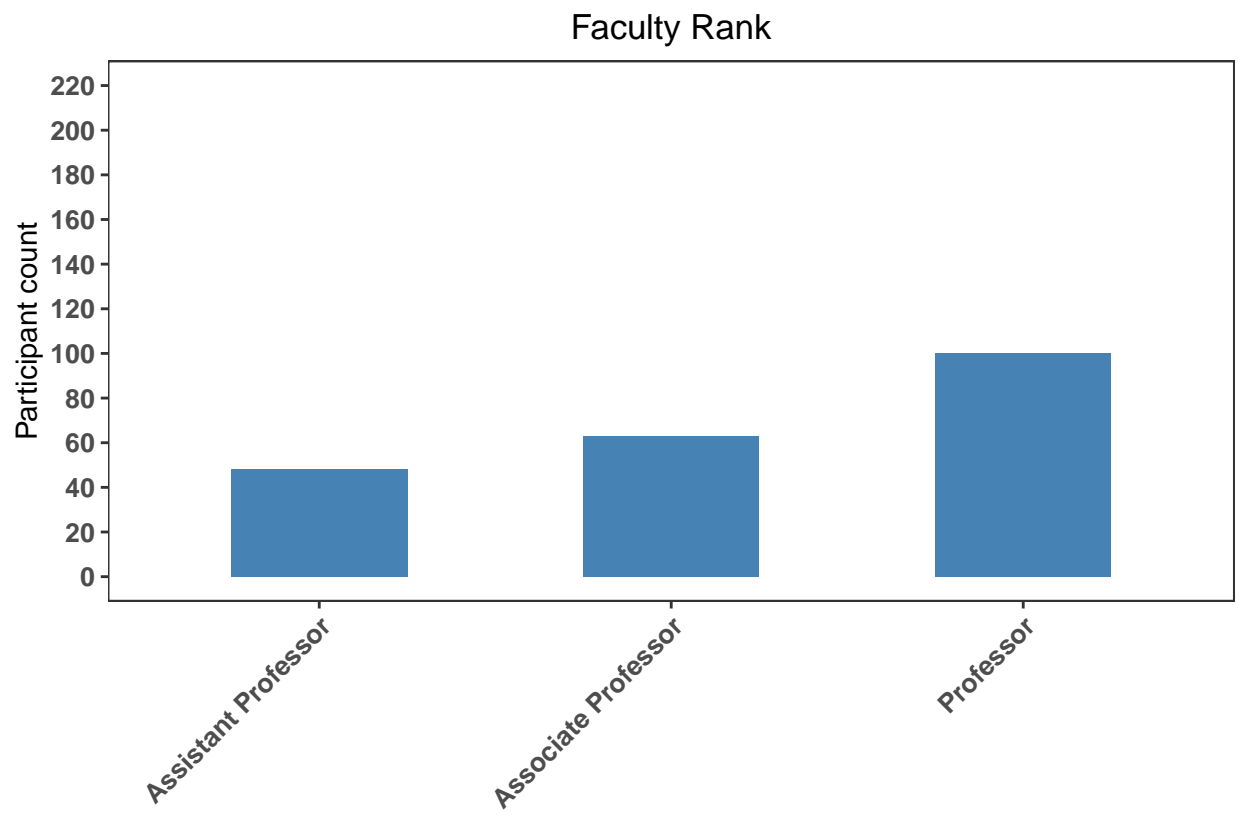
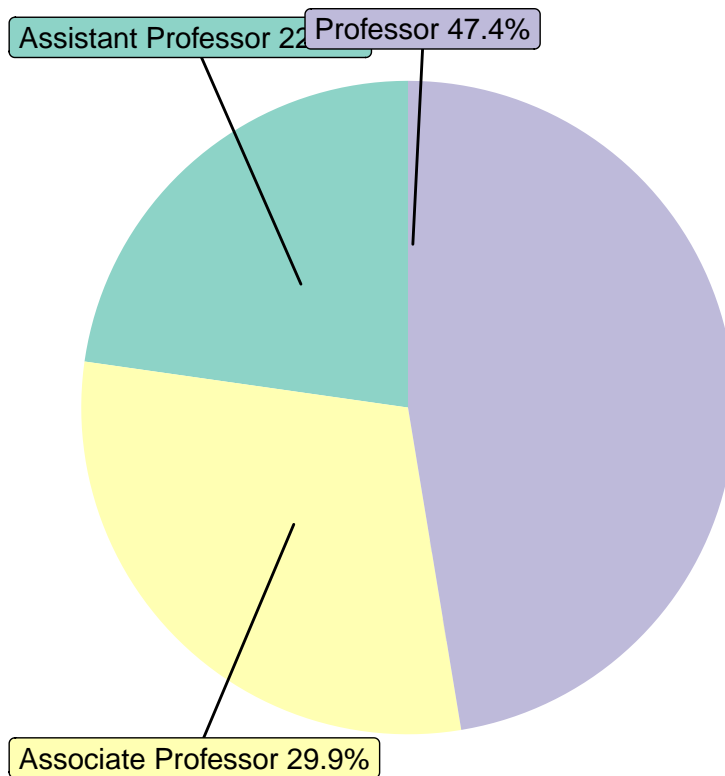


# Standard Part Visualization

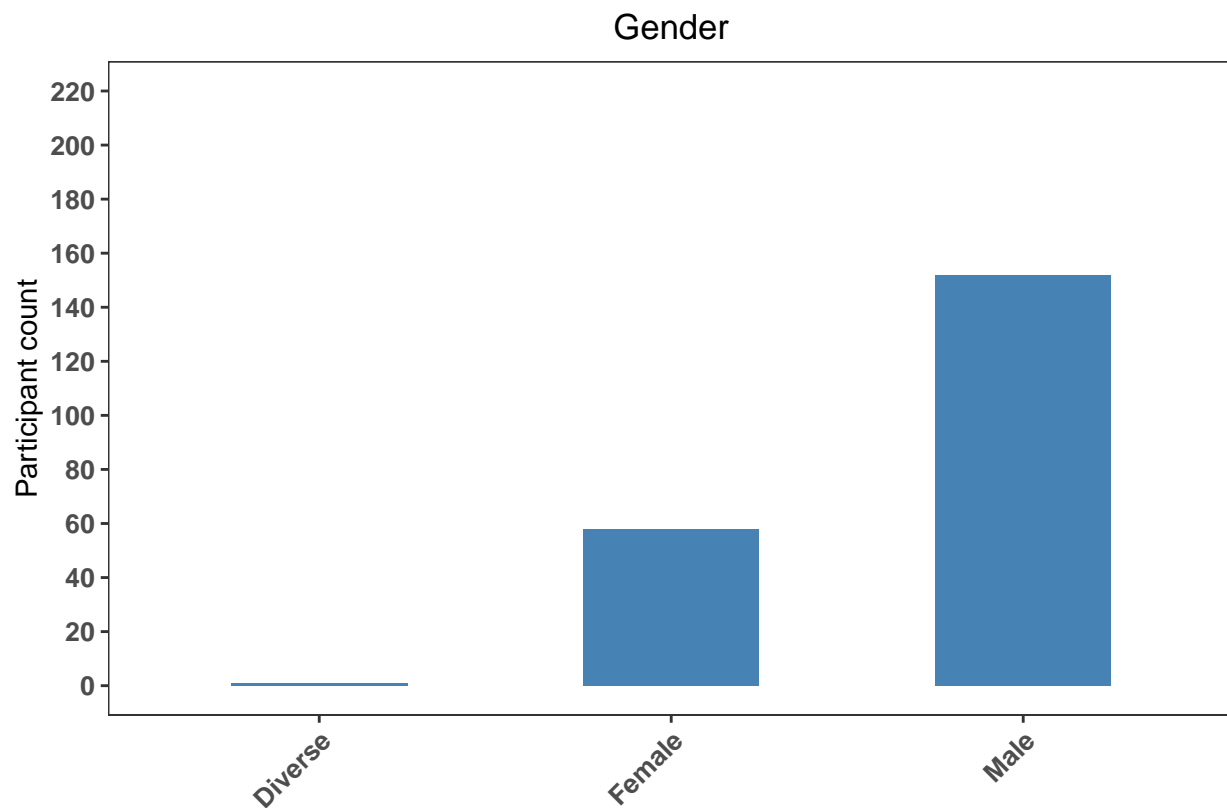




```
temp <- count(StandardPart$gender)
colnames(temp) <- c("item", "cou")
temp <- temp[!(temp$item == ""),]
temp <- temp[order(temp$cou), ]

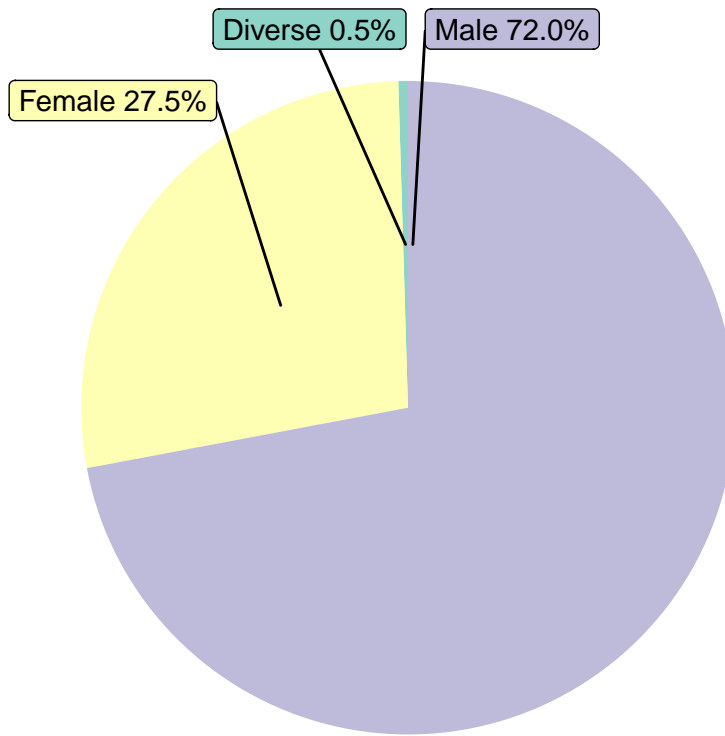
bar_plot <- ggplot(data = temp, aes(x = item, y = cou)) +
  geom_bar(stat = "identity",
    width = 0.5,
    fill = "steelblue") +
  theme_bw() +
  scale_y_continuous(breaks = seq(0, ylimit, by = 20),
    limits = c(0, ylimit)) +
  labs(x = "", y = "Participant count", title = "Gender") +
  theme(
    panel.grid.major = element_blank(),
    panel.grid.minor = element_blank(),
    plot.title = element_text(hjust = 0.5),
    axis.text.x = element_text(
      face = "bold",
      size = 10,
      angle = 45,
      hjust = 1
    ),
  ),
  axis.text.y = element_text(face = "bold", size = 10)
```

```
)  
bar_plot
```



```
temp <- temp %>%  
mutate(  
  cs = rev(cumsum(rev(cou))),  
  prop = percent(cou / sum(cou)),  
  pos = cou/2 + lead(cs, 1),  
  pos = if_else(is.na(pos), cou/2, pos))  
temp$pos[is.na(temp$pos)] <- 1  
  
# temp<-temp[match(order_list[[1]], temp$item),]  
  
Gender<-ggplot(temp, aes(x = "" , y = cou, fill = item)) +  
  geom_col(width = 1) +  
  coord_polar(theta = "y", start = 0 ) +  
  scale_fill_brewer(palette = "Set3", direction = -4) +  
  geom_label_repel(aes(y = pos, label =paste0(item," " ,prop)), data = temp, size=4, show.legend = F, n  
  theme_void() +  
  theme(legend.position = "none", legend.title = element_blank())+  
  labs(title = "")+  
  theme(panel.grid.major = element_blank(),panel.grid.minor = element_blank(),plot.title = element_text
```

## Gender



```
plot = ggarrange(bar_plot, Gender, nrow = 2, ncol = 1)

filename <- "Gender.pdf"
full_path <- file.path(plot_dir, filename)
ggsave(full_path,
        plot,
        width = 8.5,
        height = 11,
        units = "in")
```

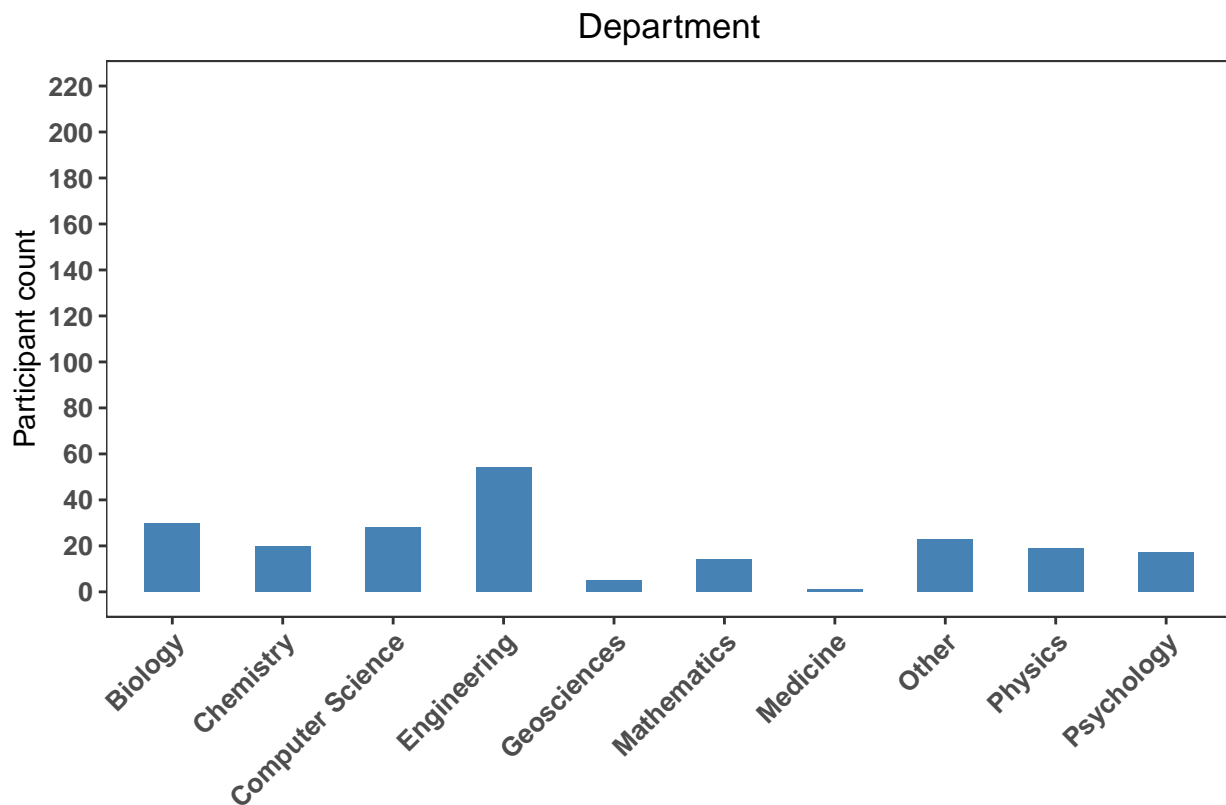
```
temp <- count(StandardPart$departmental_affiliation)
colnames(temp) <- c("item", "cou")
temp <- temp[!(temp$item == ""),]
# temp <- temp[order(temp$cou), ]

bar_plot <- ggplot(data = temp, aes(x = item, y = cou)) +
  geom_bar(stat = "identity",
           width = 0.5,
           fill = "steelblue") +
  theme_bw() +
```

```

scale_y_continuous(breaks = seq(0, ylimit, by = 20),
                   limits = c(0, ylimit)) +
labs(x = "", y = "Participant count", title = "Department") +
theme(
  panel.grid.major = element_blank(),
  panel.grid.minor = element_blank(),
  plot.title = element_text(hjust = 0.5),
  axis.text.x = element_text(
    face = "bold",
    size = 10,
    angle = 45,
    hjust = 1
  ),
  axis.text.y = element_text(face = "bold", size = 10)
)
bar_plot

```



```

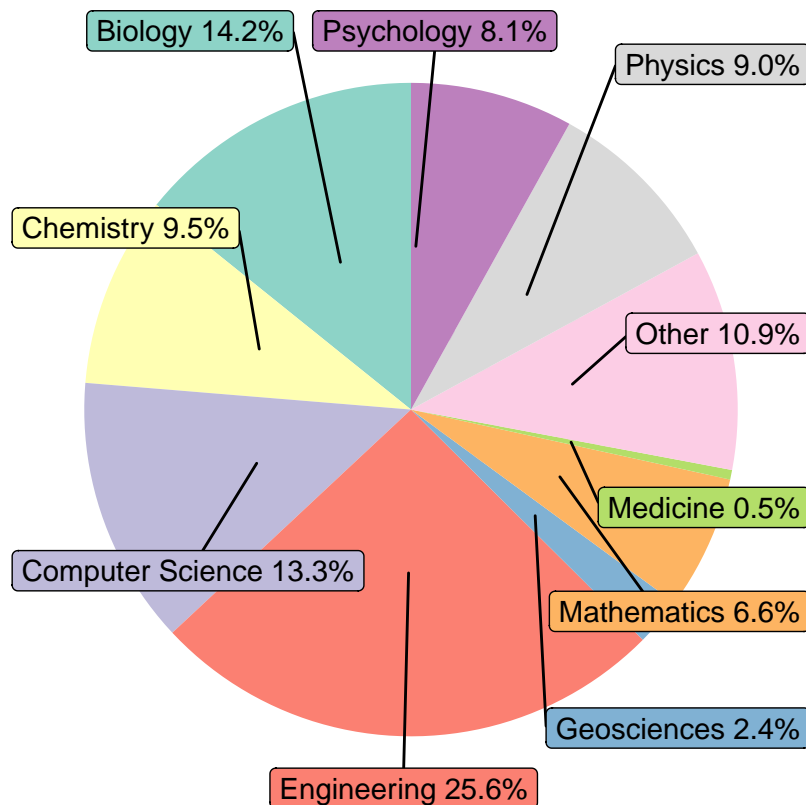
temp <- temp %>%
mutate(
  cs = rev(cumsum(rev(cou))),
  prop = percent(cou / sum(cou)),
  pos = cou/2 + lead(cs, 1),
  pos = if_else(is.na(pos), cou/2, pos))
temp$pos[is.na(temp$pos)] <- 1

```

```
# temp<-temp[match(order_list[[1]], temp$item),]

Departmnet<-ggplot(temp, aes(x = "" , y = cou, fill = item)) +
  geom_col(width = 1) +
  coord_polar(theta = "y", start = 0 ) +
  scale_fill_brewer(palette = "Set3", direction = -4) +
  geom_label_repel(aes(y = pos, label =paste0(item," " ,prop)), data = temp, size=4, show.legend = F, n
  theme_void() +
  theme(legend.position = "none", legend.title = element_blank())+
  labs(title = "")+
  theme(panel.grid.major = element_blank(),panel.grid.minor = element_blank(),plot.title = element_text
```

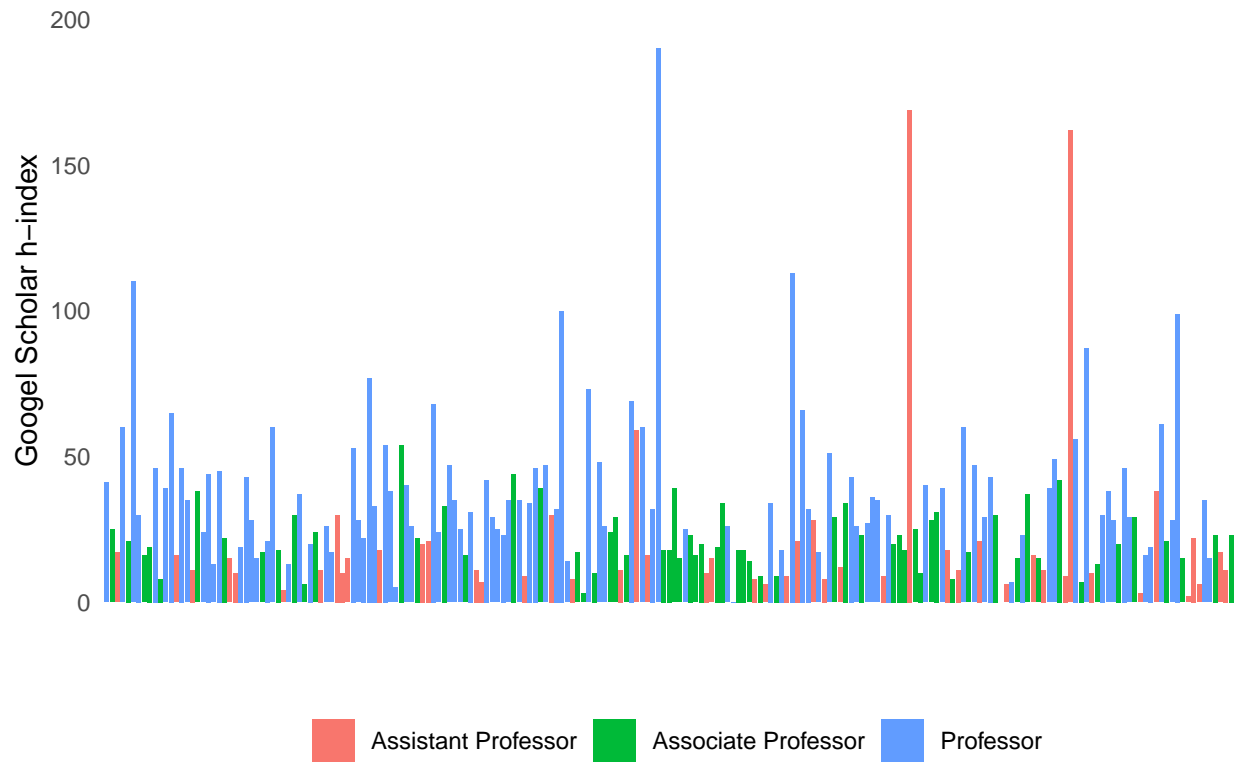
Departmnet



```
plot = ggarrange(bar_plot, Departmnet, nrow = 2, ncol = 1)

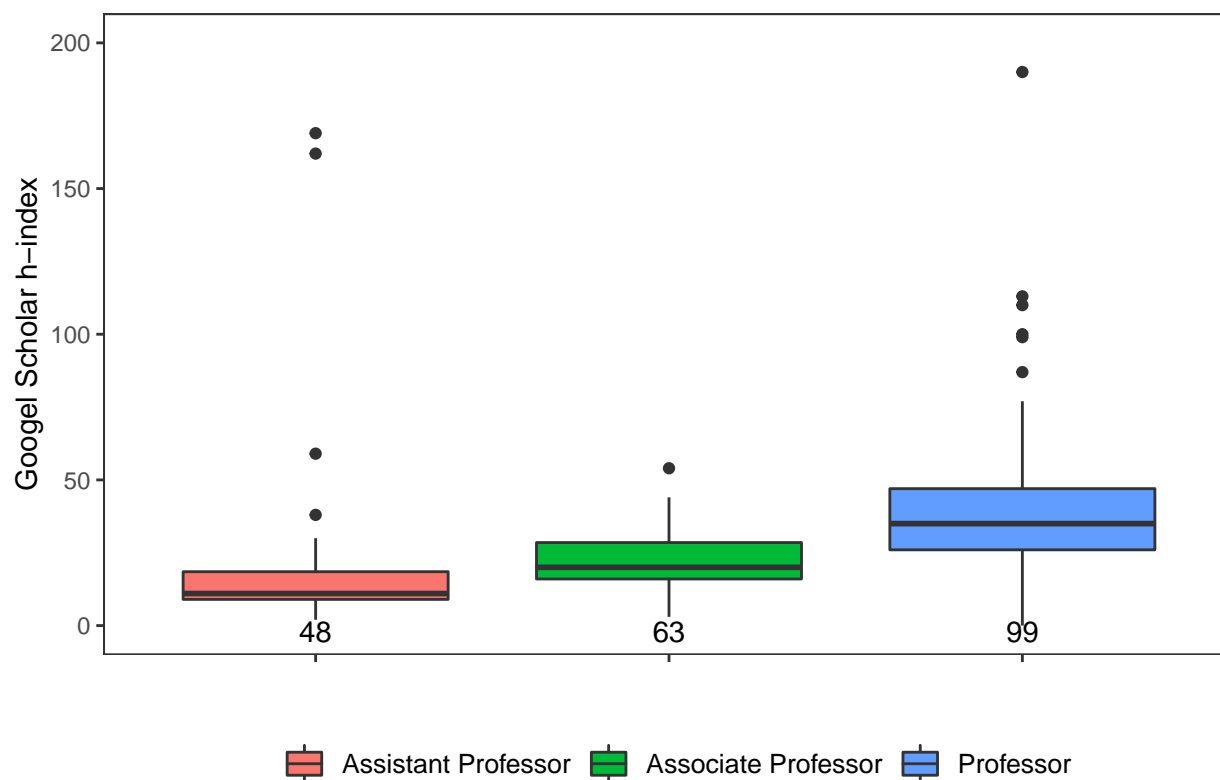
filename <- "Department.pdf"
full_path <- file.path(plot_dir, filename)
ggsave(full_path,
  plot,
  width = 8.5,
  height = 11,
  units = "in")
```

```
## Warning: Removed 1 rows containing missing values (position_stack).
```



```
## Warning: Removed 1 rows containing non-finite values (stat_boxplot).
```

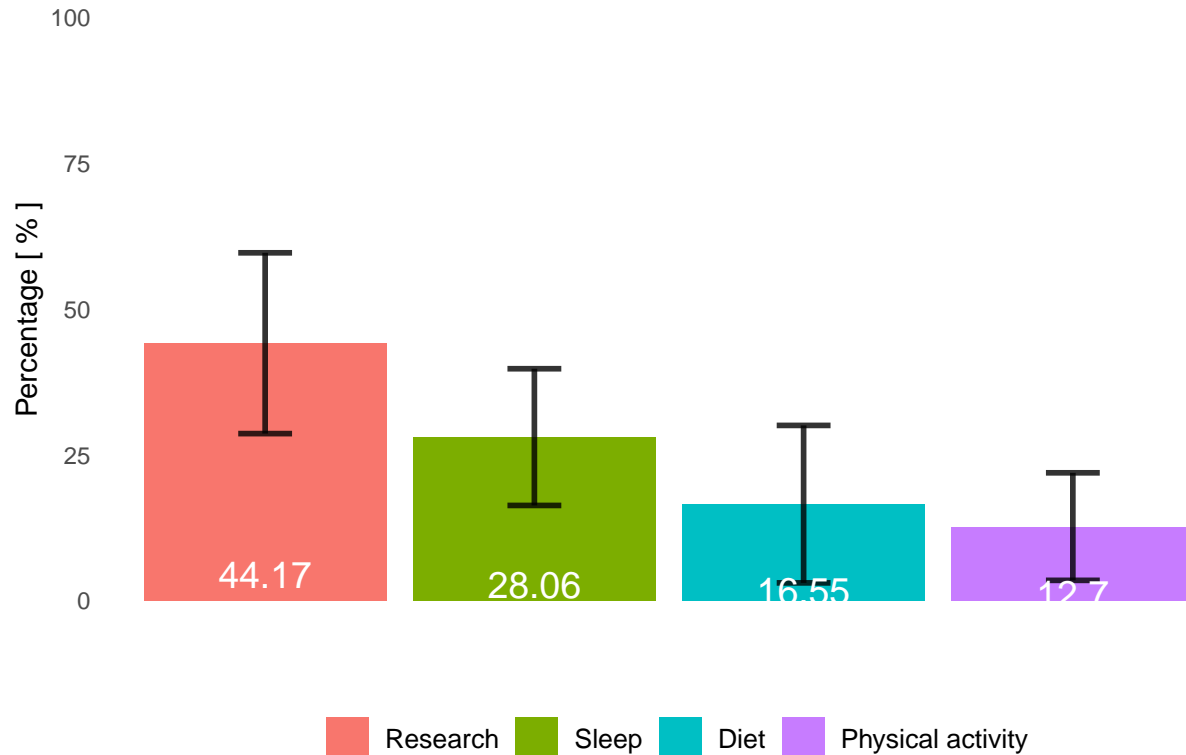
```
## Warning: Removed 1 rows containing non-finite values (stat_summary).
```



```
## Warning: Removed 1 rows containing missing values (position_stack).
## Warning: Removed 1 rows containing missing values (position_stack).
## Warning: Removed 1 rows containing non-finite values (stat_boxplot).
## Warning: Removed 1 rows containing non-finite values (stat_summary).
## `summarise()` ungrouping output (override with `.groups` argument)
```



## Mean of work distribution in a typical week



```
## Warning: Removed 22 rows containing missing values (position_stack).  
## Warning: Removed 22 rows containing missing values (position_stack).  
## `summarise()` ungrouping output (override with `.groups` argument)  
## Warning: Removed 105 rows containing missing values (position_stack).  
## Warning: Removed 1 rows containing missing values (geom_bar).  
## Warning: Removed 105 rows containing missing values (position_stack).  
## Warning: Removed 1 rows containing missing values (geom_bar).  
## `summarise()` ungrouping output (override with `.groups` argument)  
## Warning: Removed 165 rows containing missing values (position_stack).  
## Warning: Removed 165 rows containing missing values (position_stack).  
## `summarise()` ungrouping output (override with `.groups` argument)  
## Warning: Removed 502 rows containing missing values (position_stack).
```

```
## Warning: Removed 502 rows containing missing values (position_stack).

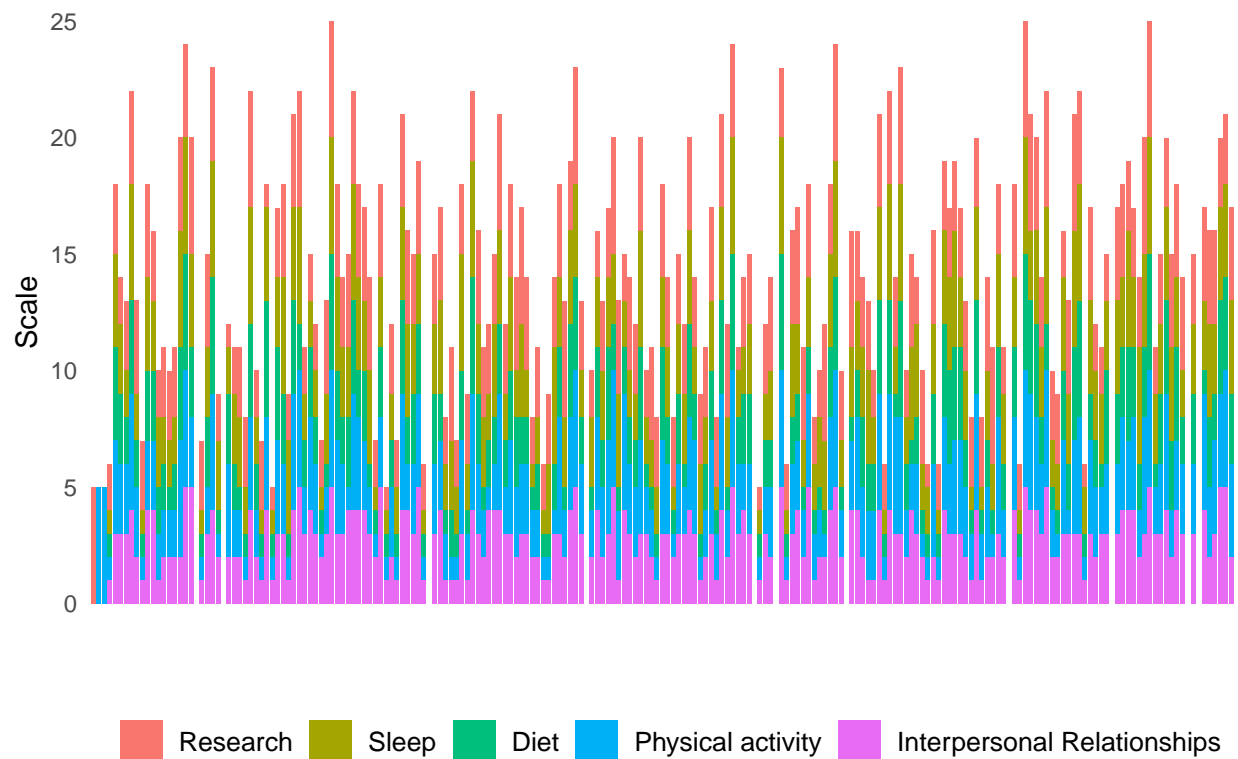
## `summarise()` ungrouping output (override with `.groups` argument)

## Warning: Removed 515 rows containing missing values (position_stack).

## Warning: Removed 515 rows containing missing values (position_stack).

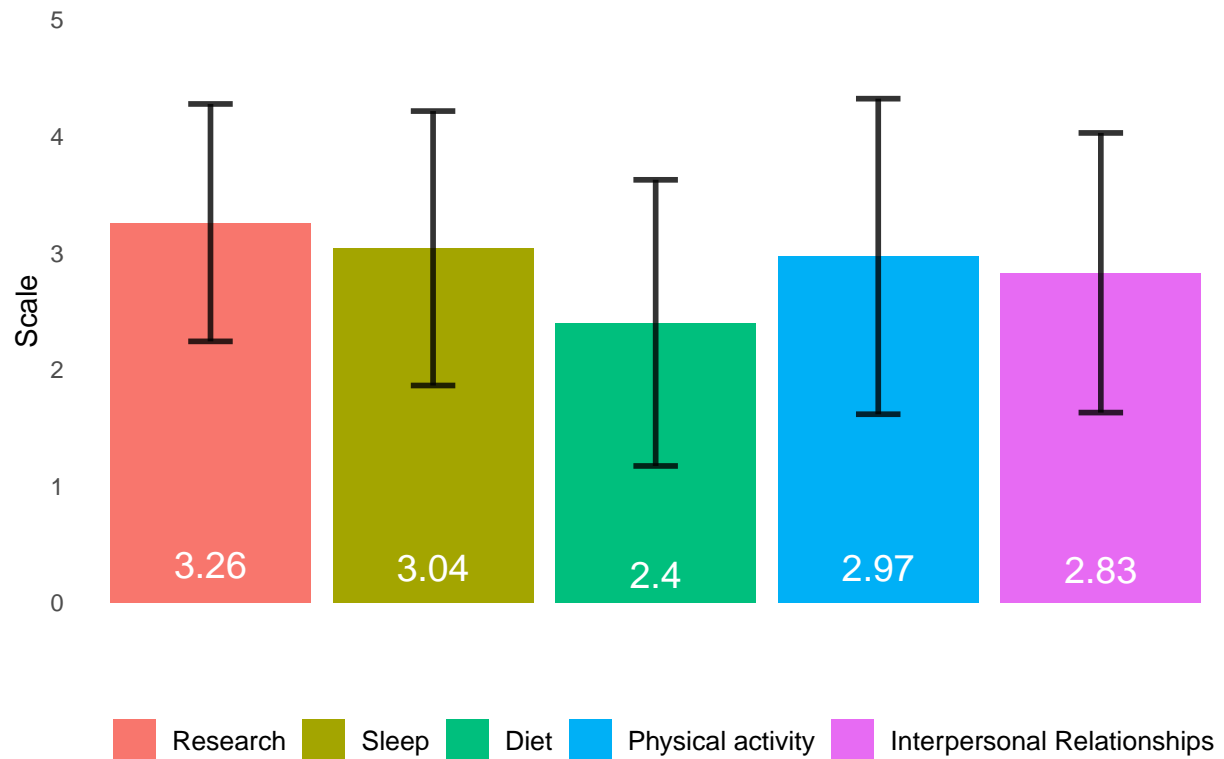
## Warning: Removed 67 rows containing missing values (position_stack).
```

### Disruption of different aspects of life on Proposal Deadlines



```
## `summarise()` ungrouping output (override with `.groups` argument)
```

### Mean of disruption of different aspects of life on Proposal Deadlines

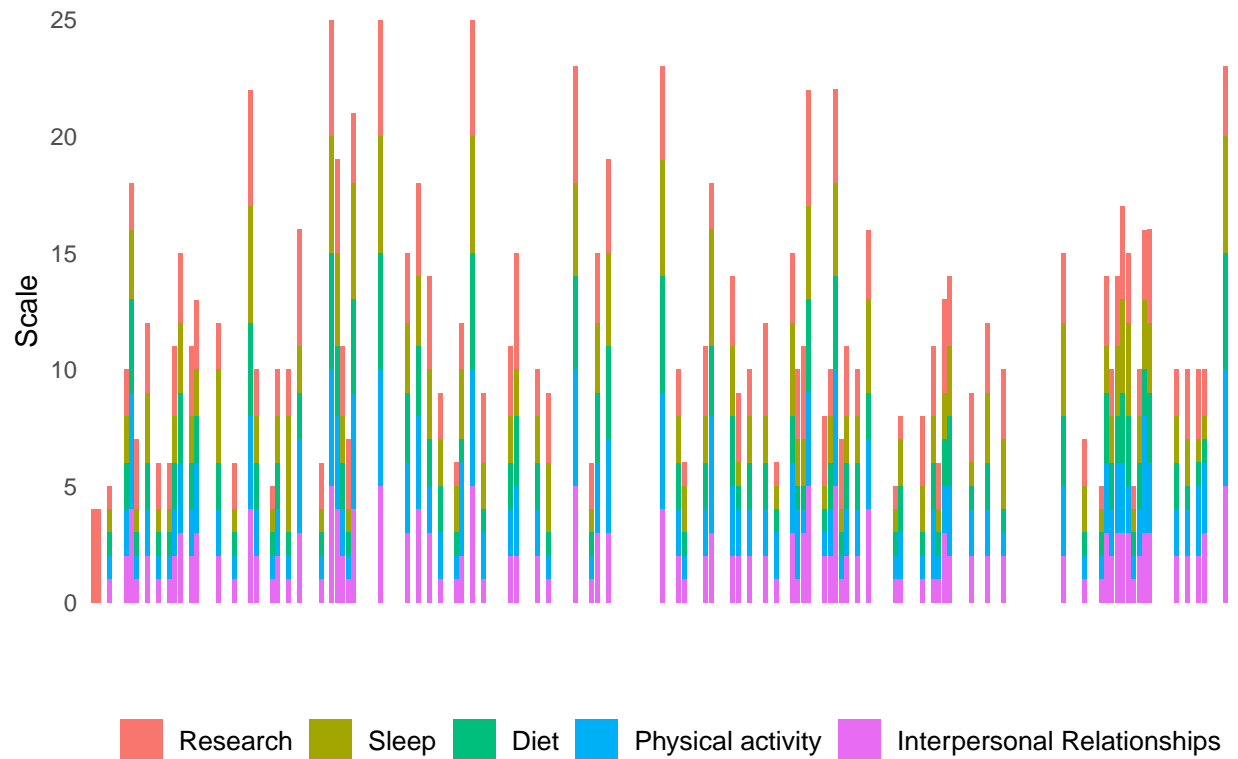


```
## Warning: Removed 67 rows containing missing values (position_stack).
```

```
## Warning: Removed 67 rows containing missing values (position_stack).
```

```
## Warning: Removed 603 rows containing missing values (position_stack).
```

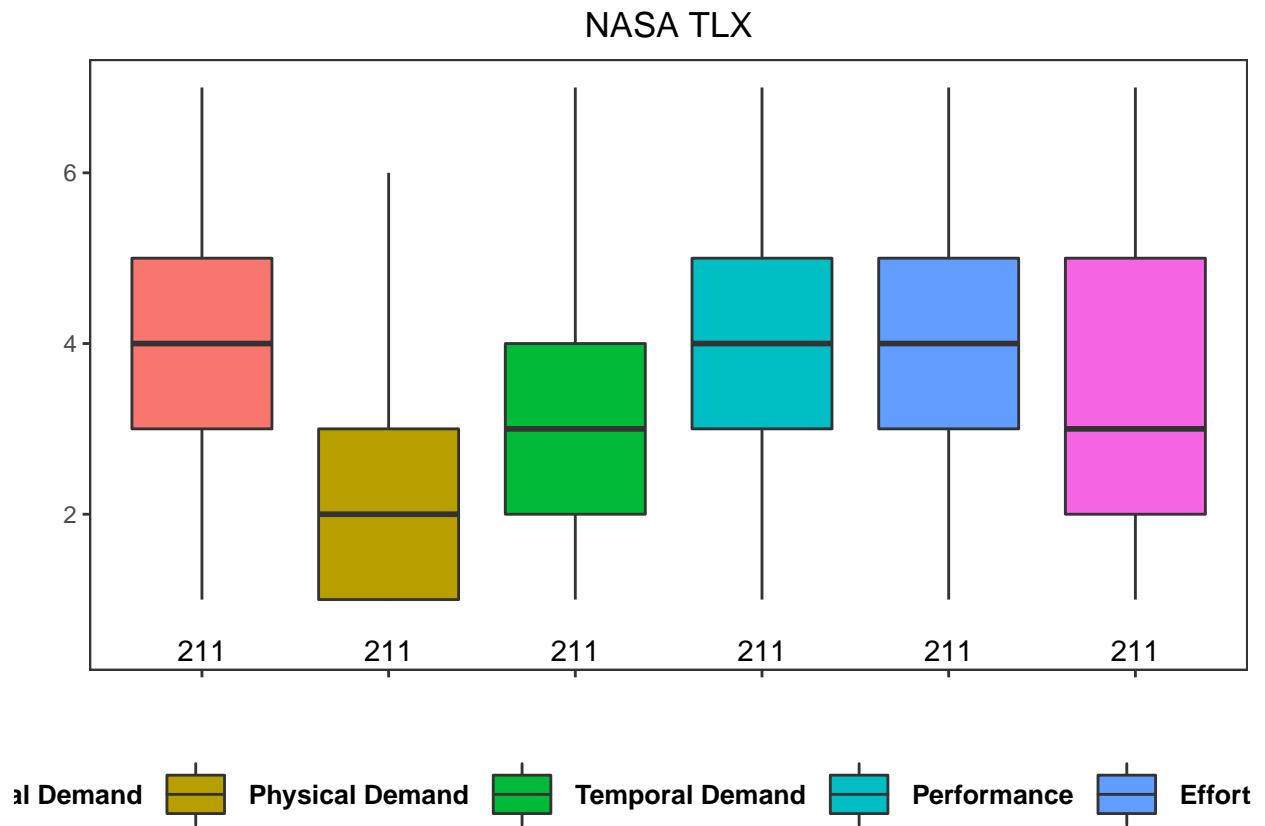
## Disruption of different aspects of life on Conference Deadlines

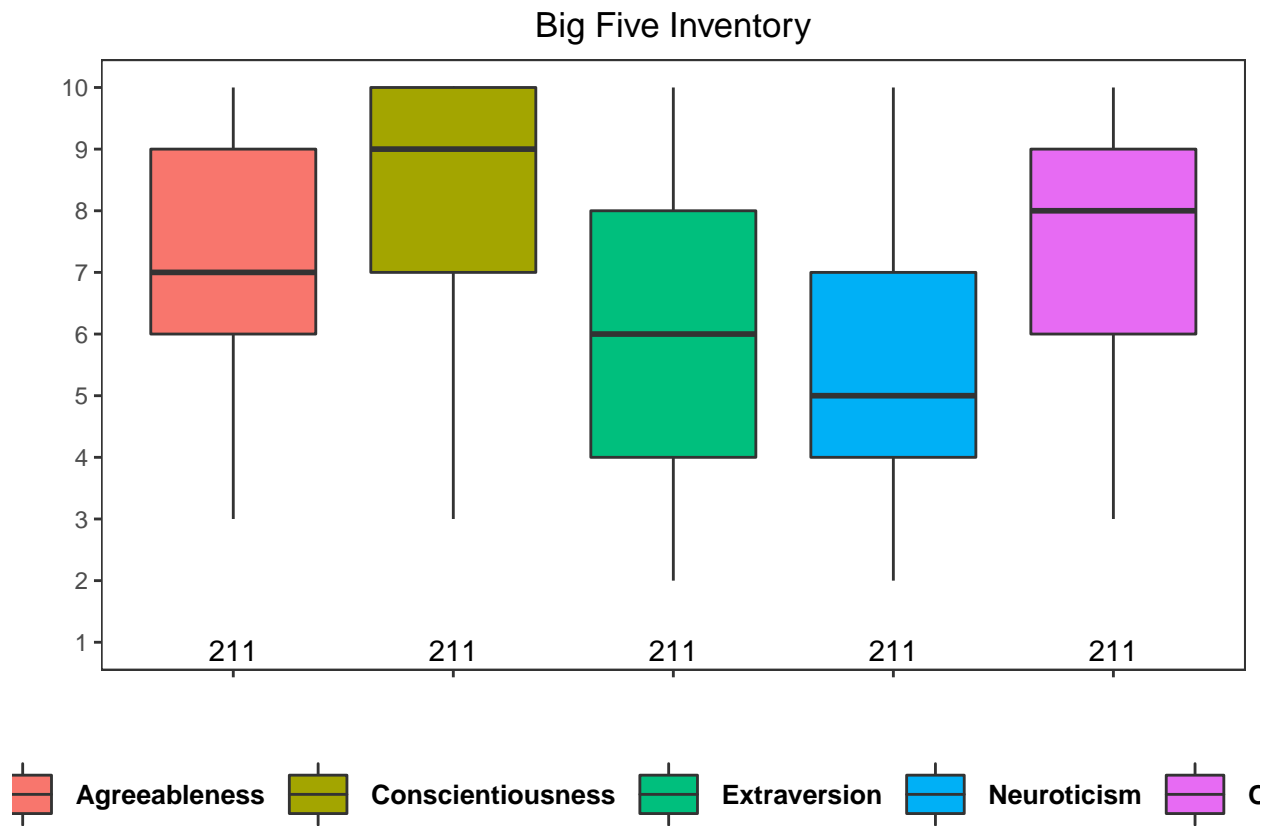


```
## `summarise()` ungrouping output (override with `.groups` argument)

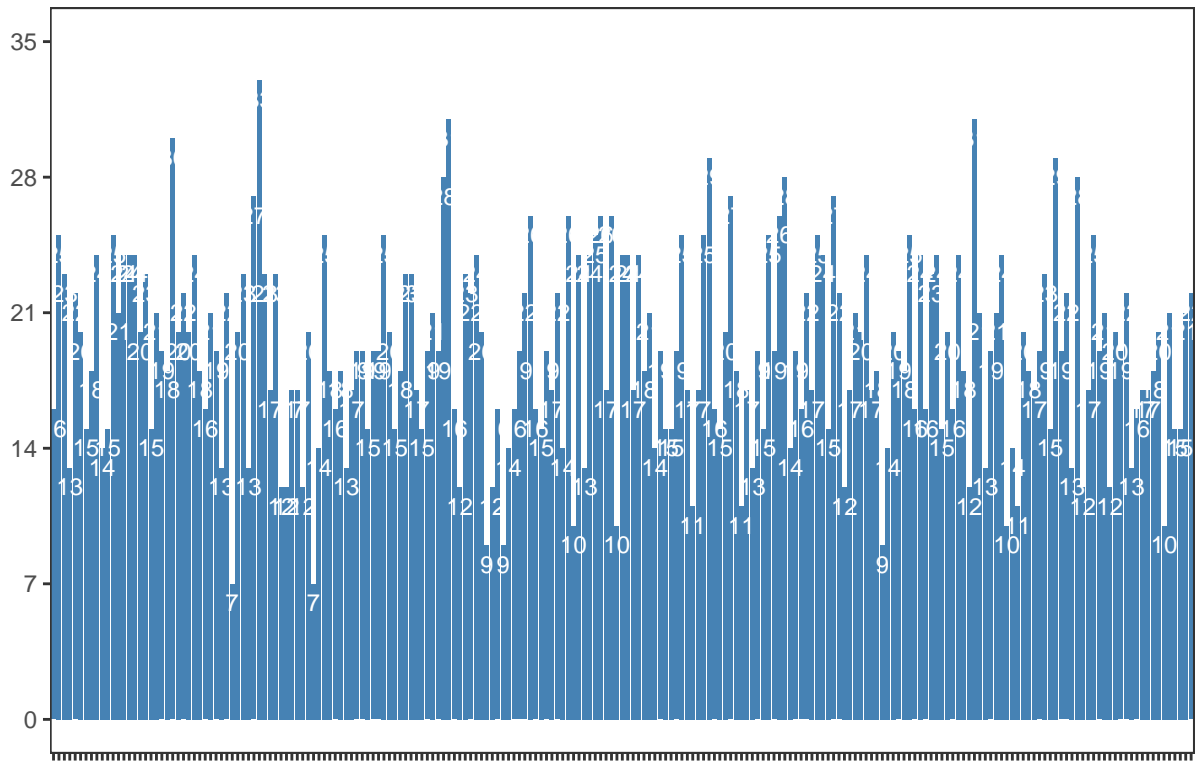
## Warning: Removed 603 rows containing missing values (position_stack).

## Warning: Removed 603 rows containing missing values (position_stack).
```

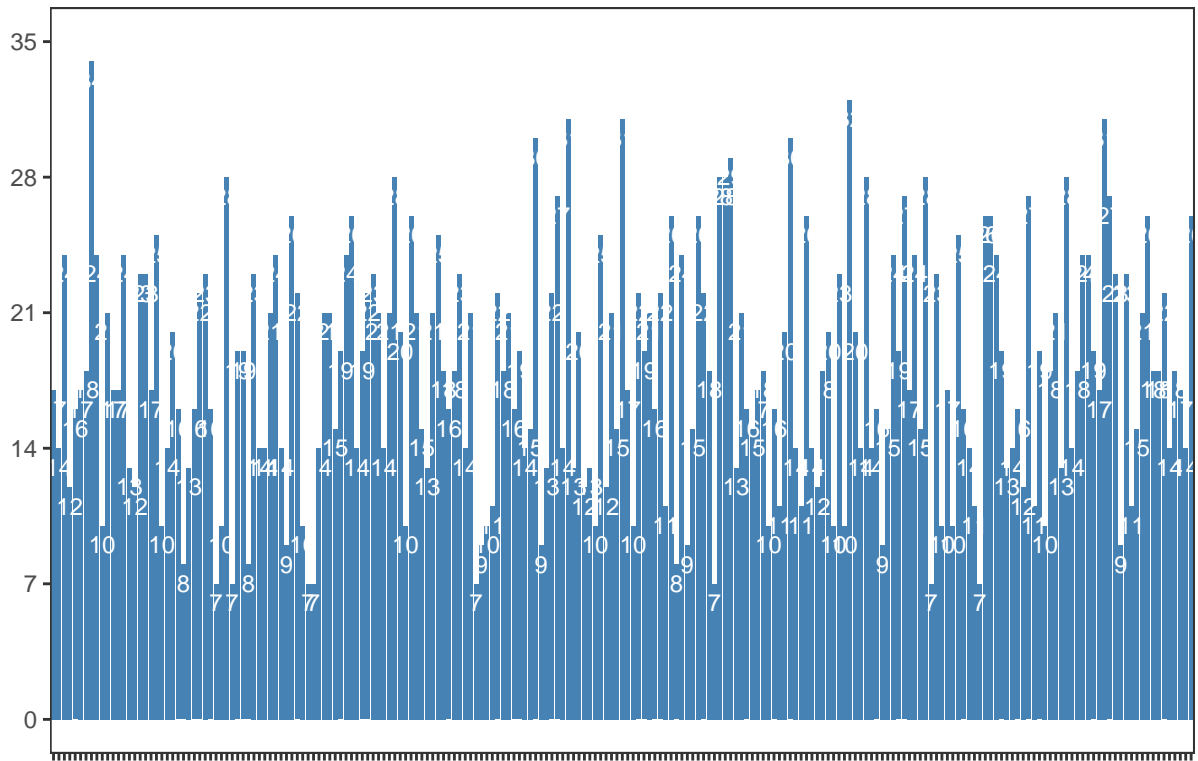




## Avoidance Coping

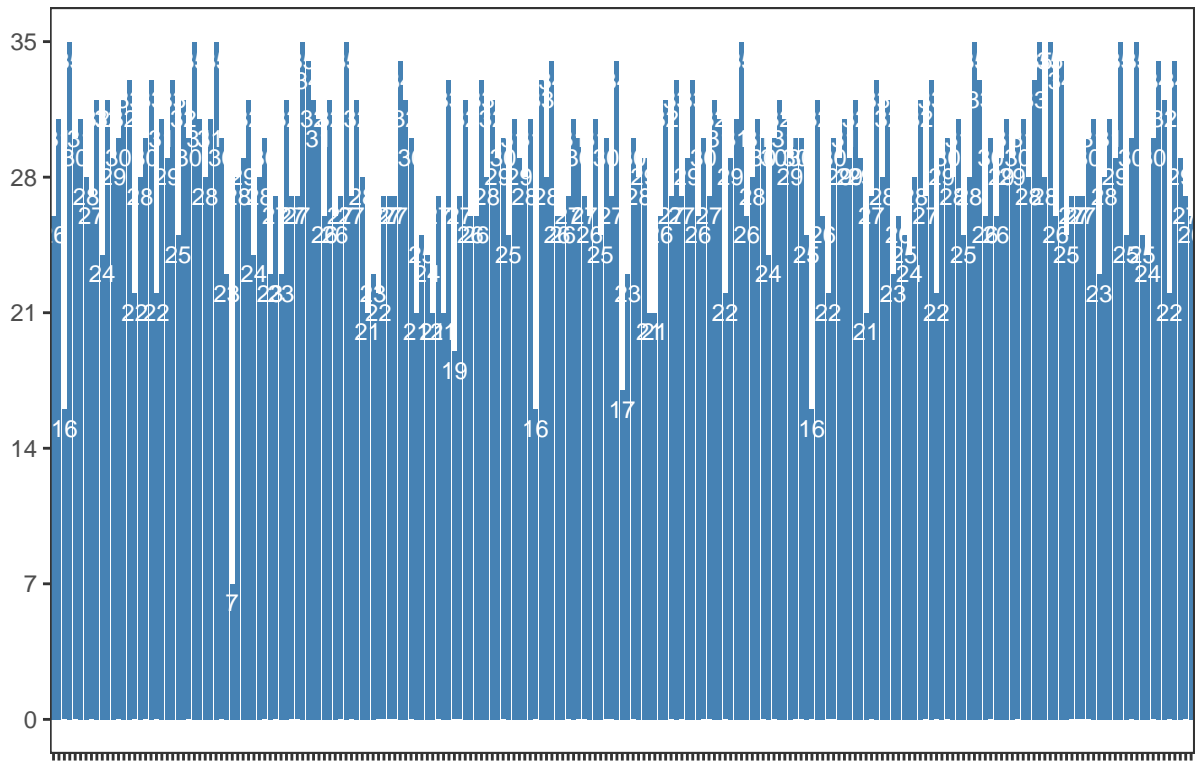


## Emotion-oriented Coping





# Task-oriented Coping



Coping Inventory for Stressful Situations

