

Figures

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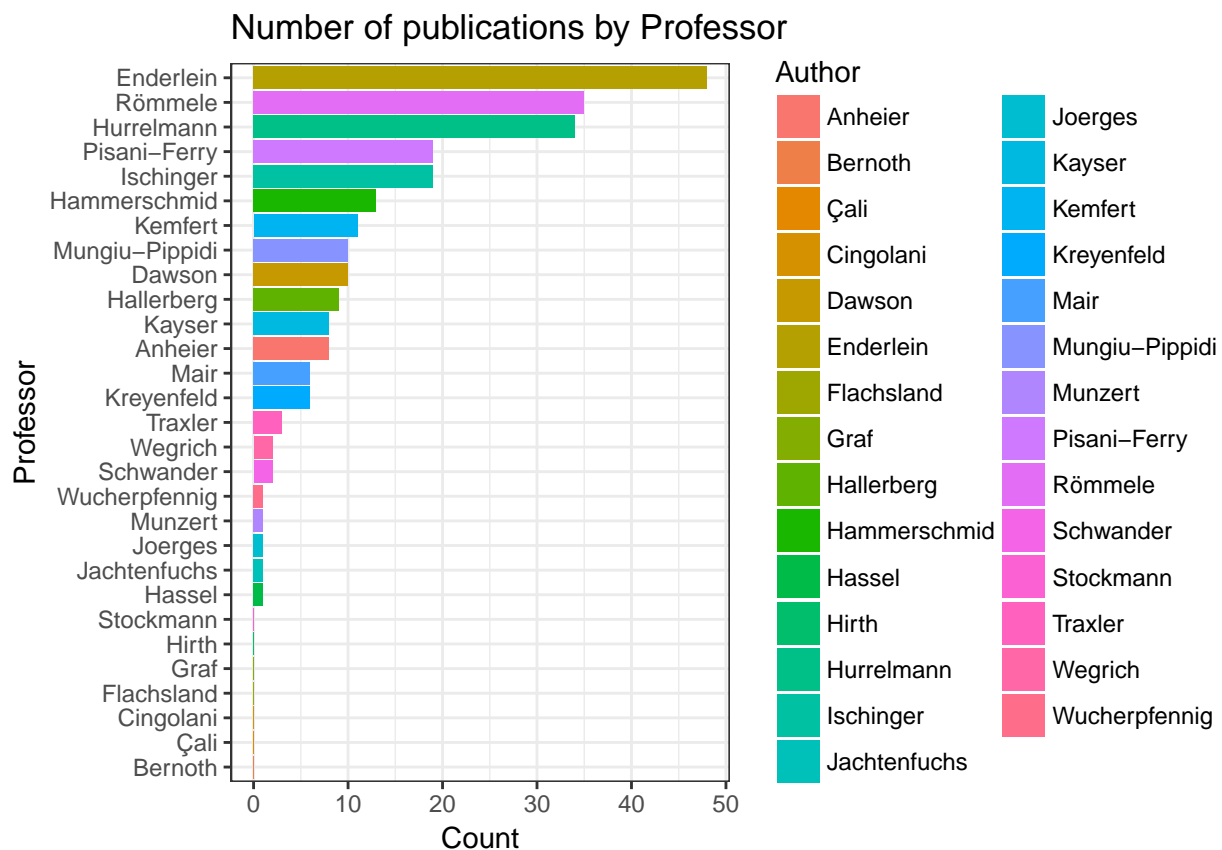
Figures

Below one finds the code and figures of the different plots.

Number of publications by Professor:

```
ggplot(data=publications,mapping=aes(x=reorder(Author,count),y=count,fill=Author)) +  
  geom_bar(stat='identity') +  
  coord_flip() +  
  labs(x="Professor",y="Count") +  
  ggtitle("Number of publications by Professor") +  
  theme_bw()
```

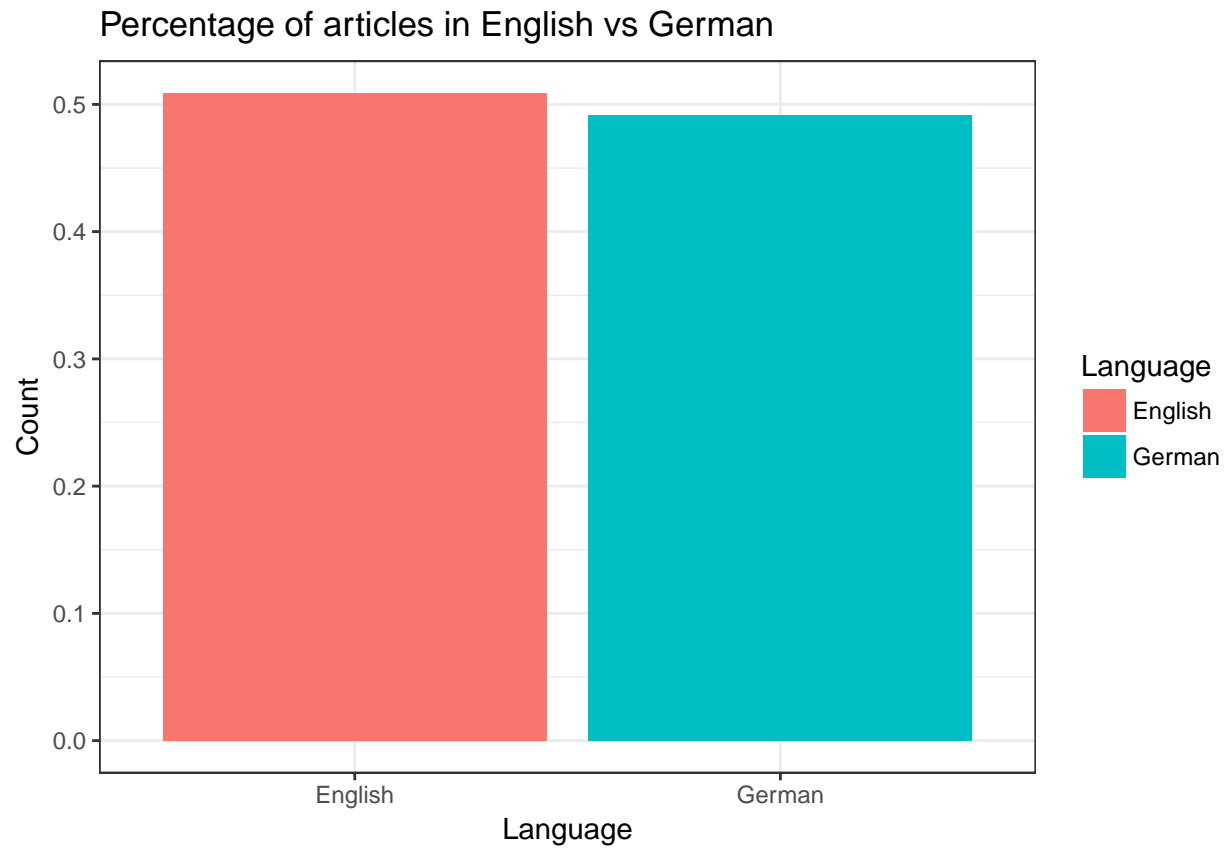
```
## Warning in grid.Call(L_stringMetric, as.graphicsAnnot(x$label)): font  
## metrics unknown for character 0xa
```



Article languages:

```
ggplot(data=article_languages,mapping=aes(x=Language, y=percentage,fill=Language)) +  
  geom_bar(stat='identity') +  
  labs(x="Language",y="Count") +
```

```
ggtitle("Percentage of articles in English vs German") +  
theme_bw()
```



Sentiment analysis:

```
ggplot(data=hertie_sentiment,mapping= aes(index, sentiment, fill = sentiment)) +  
  geom_bar(alpha = 0.5, stat = "identity", show.legend = FALSE) +  
  ggtitle("Sentiment analysis of Hertie headlines") +  
  theme_bw()
```

