artes_Ilms

Preprocessing, cleaning etc.

```
#"IndE" = "Indian English"))

dialect_LLMs_tidy_corr$correction<- factor(
    dialect_LLMs_tidy_corr$correction,
    levels = c("yes", "no")
)</pre>
```

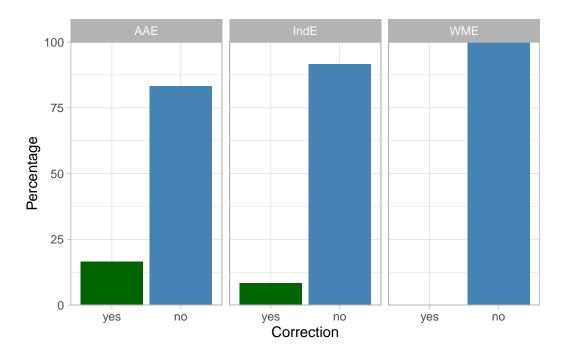
```
dialect_LLMs_tidy_model <- dialect_LLMs_tidy |>
    group_by(model, variety) |>
    count(correction) |>
    mutate(percentage = proportions(n) * 100)

dialect_LLMs_tidy_model <- dialect_LLMs_tidy_model |>
    mutate(
        correction = case_when(
            correction == "y" ~ "yes",
            correction == "n" ~ "no"))

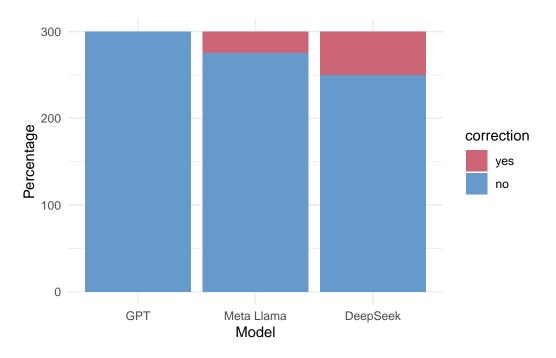
dialect_LLMs_tidy_model$correction<- factor(
        dialect_LLMs_tidy_model$correction,
        levels = c("yes", "no")
)

dialect_LLMs_tidy_model$model<- factor(
        dialect_LLMs_tidy_model$model,
        levels = c("GPT", "Meta Llama", "DeepSeek")
)</pre>
```

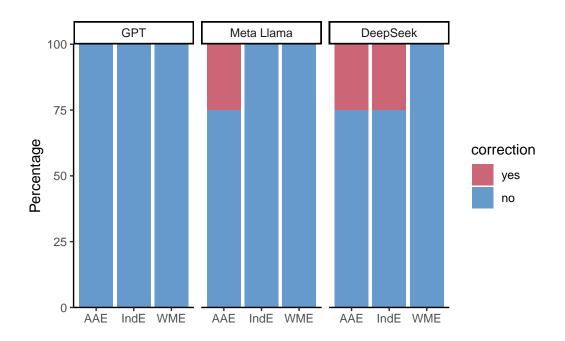
Plots



gg_correction2



Plotting for model



Table

```
corr_table <- table(dialect_LLMs_tidy$variety, dialect_LLMs_tidy$correction, dialect_LLMs_tidy
kbl(corr_table, col.names = c("Variety", "Correction", "Model", "Frequency"), booktabs = T)
   kable_styling(latex_options = "striped")</pre>
```

#table(dialect_LLMs_tidy_corr\$variety, dialect_LLMs_tidy_corr\$n)

Variety	Correction	Model	Frequency
AAE	n	DeepSeek	3
IndE	n	DeepSeek	3
WME	n	DeepSeek	8
AAE	у	DeepSeek	1
IndE	У	DeepSeek	1
WME	у	DeepSeek	0
AAE	n	GPT	4
IndE	n	GPT	4
WME	n	GPT	8
AAE	У	GPT	0
IndE	у	GPT	0
WME	у	GPT	0
AAE	n	Meta Llama	3
IndE	n	Meta Llama	4
WME	n	Meta Llama	8
AAE	У	Meta Llama	1
IndE	У	Meta Llama	0
WME	У	Meta Llama	0