Triage Against the Machine: Can AI Reason Deliberatively?

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Generate LLM data

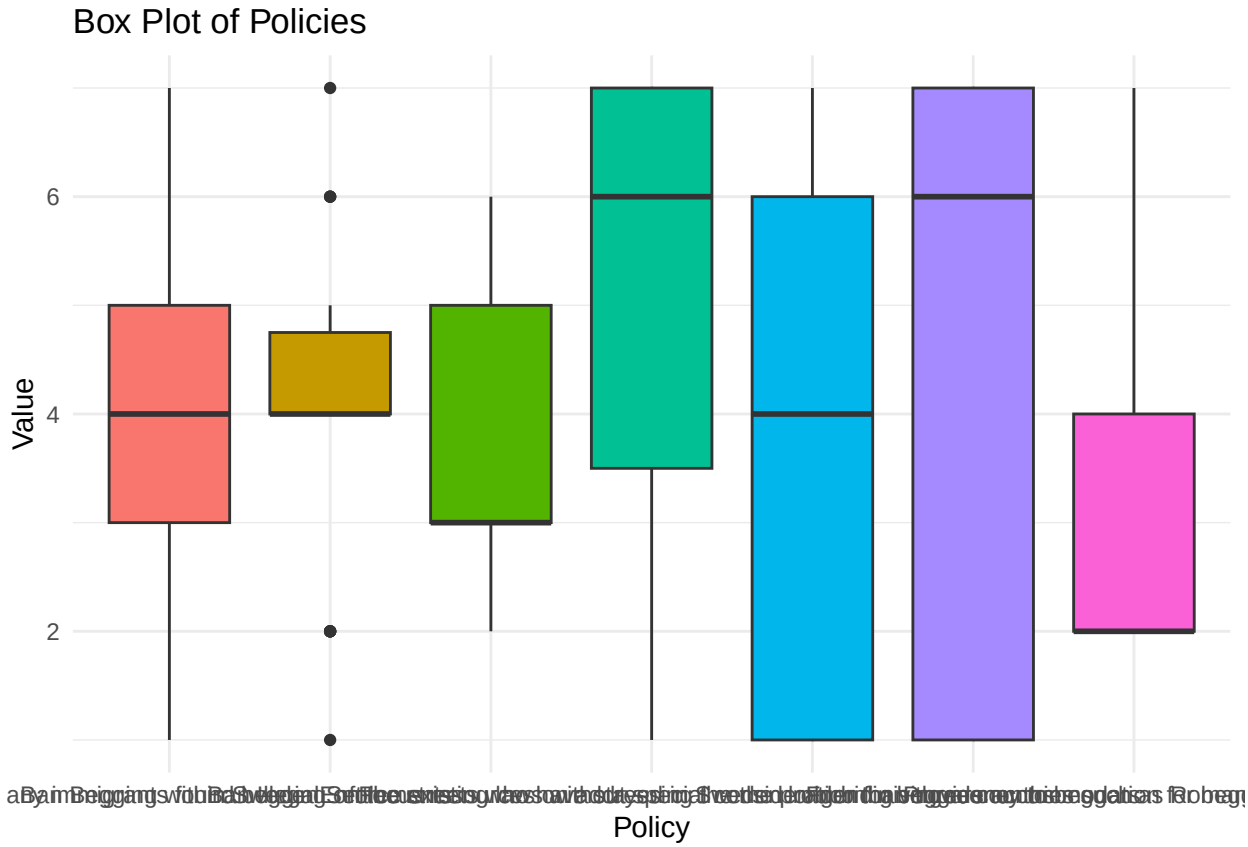
```
# py_run_file("py/test.py")
```

Read LLM data

```
policies <- read_excel("llm_data/1.Uppsala Speaks_policies.xlsx")

long_data <- pivot_longer(policies, cols = c(5:11), names_to = "Policy", values_to = "Value")

# Create a box plot using ggplot2
ggplot(long_data, aes(x = Policy, y = Value, fill = Policy)) +
  geom_boxplot() +
  labs(title = "Box Plot of Policies",
       x = "Policy",
       y = "Value") +
  theme_minimal() +
  theme(legend.position = "none")  # Remove legend since x-axis labels suffice
```



Calculate Cronbach's Alpha

```
res <- alpha(policies[5:11], check.keys = TRUE)
```

```
## Warning in log(det(m.inv.r)): NaNs produced
```

```
## Warning in alpha(policies[5:11], check.keys = TRUE): Some items were negatively correlated with the
##  This is indicated by a negative sign for the variable name.
```

```
## In smc, smcs < 0 were set to .0
## In smc, smcs < 0 were set to .0
```

```
# Print the result
print(res$total$raw_alpha)
```

```
## [1] 0.4390209
```

R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

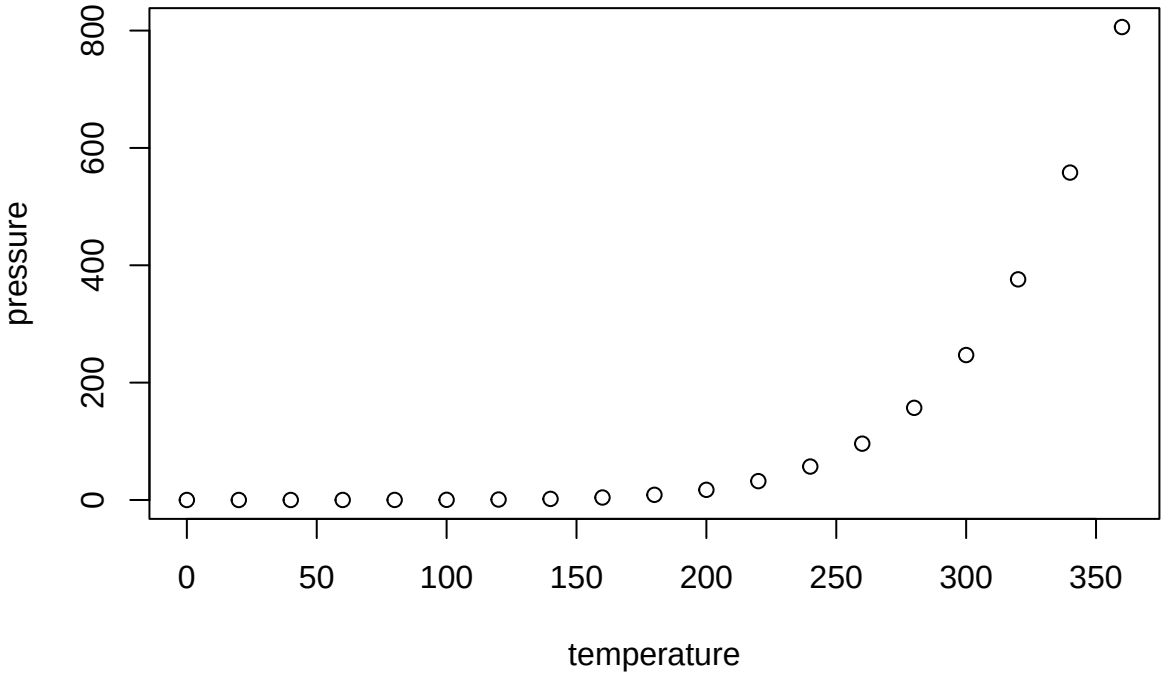
```
summary(cars)
```

```
##      speed           dist
##  Min.   : 4.0   Min.   :  2.00
##  1st Qu.:12.0   1st Qu.: 26.00
```

```
##  Median :15.0   Median : 36.00
##  Mean   :15.4   Mean   : 42.98
##  3rd Qu.:19.0   3rd Qu.: 56.00
##  Max.   :25.0   Max.   :120.00
```

Including Plots

You can also embed plots, for example:



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.