

High Dimensional Statistics IV MATH4287 - Mini Project Report

qvns53

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Introduction

Objectives & Questions

Literature Review

Methods

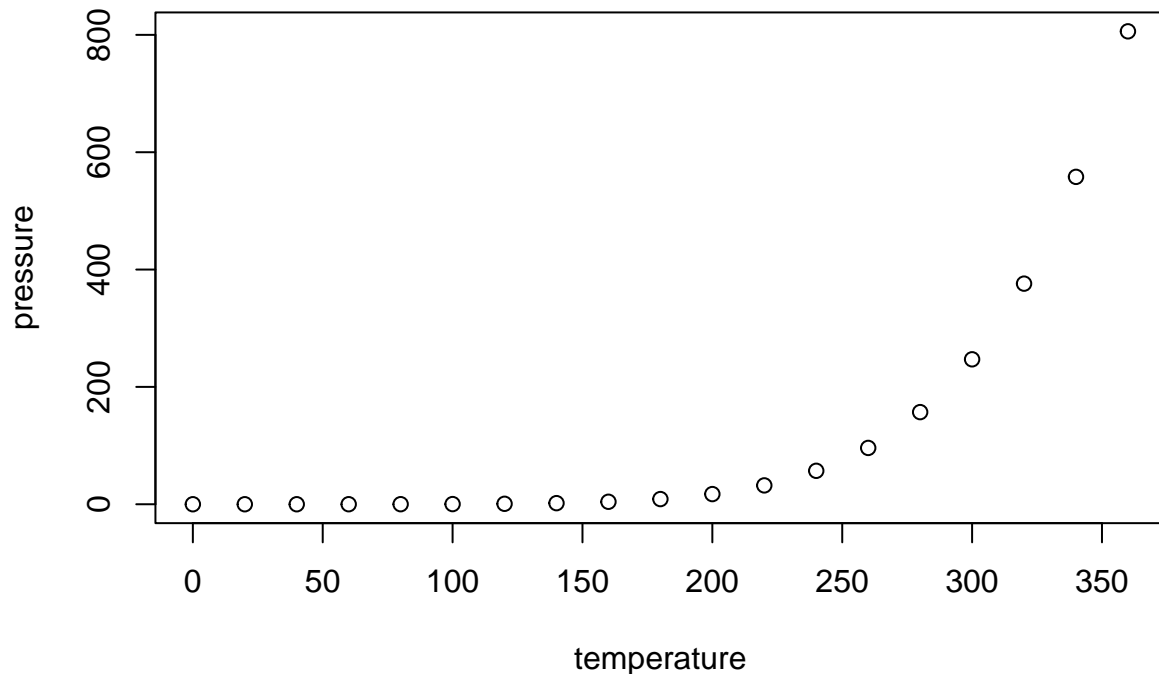
Results

Conclusion

Yeung and Ruzzo (2001) Hubert and Arabie (1985) Mukherjee and Zhang (2022) Ding and He (2004) Rand (1971) Chang (1983)

```
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
```



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- Hubert, Lawrence, and Phipps Arabie. 1985. "Comparing Partitions." *Journal of Classification* 2 (1): 193–218. <https://doi.org/10.1007/BF01908075>.
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- Yeung, Ka Yee, and Walter L Ruzzo. 2001. "An Empirical Study on Principal Component Analysis for Clustering Gene Expression Data."