

# Title of my Ph.D. Dissertation

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# Section 1

## 1 Chapter 1

- Case 1
- Case 2

## 2 Chapter 2

- Existing Algorithms
- My Algorithm

# My model

- 1 Let  $X_{i1}, \dots, X_{in}$ ,  $i = 1, \dots, q$ , are observations generated from the following model:
- 2  $X_{ij} \sim N(\mu_i, \sigma_i^2)$ ,  $i = 1, \dots, q$ ,  $j = 1, \dots, n$ .

# Homoscedasticity

- 1 Assume  $\sigma_1^2 = \dots = \sigma_q^2 = \sigma^2$  (known).

# Heteroscedasticity

- 1  $\sigma_1^2, \dots, \sigma_q^2$  are all known but different.



# Section 2

## 1 Chapter 1

- Case 1
- Case 2

## 2 Chapter 2

- Existing Algorithms
- My Algorithm

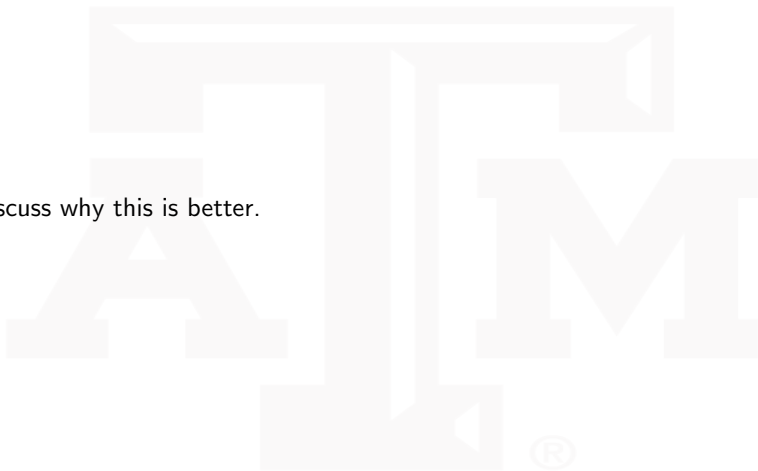
# Old Algorithms

- 1 Algorithm 1
- 2 Algorithm 2



# My Algorithm

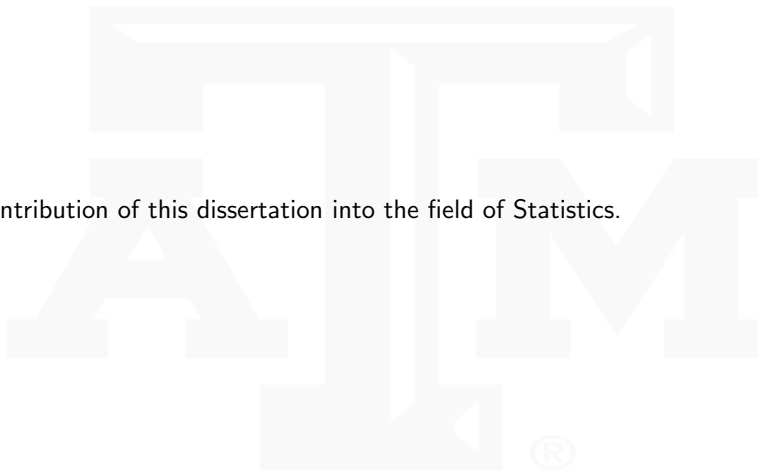
- 1 Discuss why this is better.





# Conclusion

- 1 Contribution of this dissertation into the field of Statistics.



# References



John Doe (2012)

Title of the Publication

*Journal Name* 1(1), 11 – 111.





*Thank You!*