



Report Title

Some Subtitle

Report By

{Your Name}

Supervised By

{Supervisors}

August 2025





Declaration of Original Work

I declare that this report is my own original work. All sources, data, and materials used have been properly acknowledged and referenced. The experimental data was provided by collaborators as specified in the acknowledgements, but all analysis, interpretation, modeling, and writing presented in this report are entirely my own work. I have not submitted this work, or any part of it, for assessment in any other course or institution.

Acknowledgements

I would like to express my sincere gratitude to my supervisors for their invaluable guidance, expertise, and support throughout this project. Their insights into statistical modeling and bioinformatics respectively were instrumental in shaping both the analytical approach and biological interpretation of this work.

Some more acknowledgments.

Word Count

This report contains **X** words. This includes the Executive Summary and Keywords, and excludes captions of tables, figures, table of contents and the appendix.



Executive Summary

— Small Executive Summary —

Keywords

— Some Important Keywords —



Contents

1	Introduction	4
2	Background	5
2.1	Some Subsection	5
2.2	Some Subsection 2	5
3	Experiment Design and Data Overview	6
3.1	Experimental Setup	6
3.2	Sample Structure and Variables	6
4	Analysis and Insights	7
4.1	Exploratory Data Analysis	7
5	Results and Discussion	8
5.1	Theme 1 of Findings	8
5.2	Theme 2 of Findings	8
6	Conclusion	9
7	Future Work	10
8	References	11
9	Appendix	12



1 | Introduction

Some introduction text. This is how citation looks like [1].



2 | Background

2.1 | Some Subsection

Lorem Ipsum

2.2 | Some Subsection 2

Lorem Ipsum

3 | Experiment Design and Data Overview

3.1 | Experimental Setup

Lorem Ipsum

3.2 | Sample Structure and Variables

Refer Table 3.1 for more details on tables.

Variable	Description	Example Values
SampleID	Unique sample identifier	ID001, ID002, ID003
Condition1	Primary experimental condition	A, B, C
Condition2	Secondary experimental condition	X, Y, Z
Replicate	Biological replicate number	1, 2, 3
Strain	Genetic background or strain type	WT, Mutant1, Mutant2
SampleLabel	Condition-specific identifier	WT_A_X_1
GeneStatus	Status of relevant gene	Present, Knockout

Table 3.1: Generic structure of sample metadata table

4 | Analysis and Insights

Note: Code implementation details may be referred to in the Appendix.

4.1 | Exploratory Data Analysis

4.1.1 | Step 1 of EDA

Refer Figure 4.1 for the visualisation.

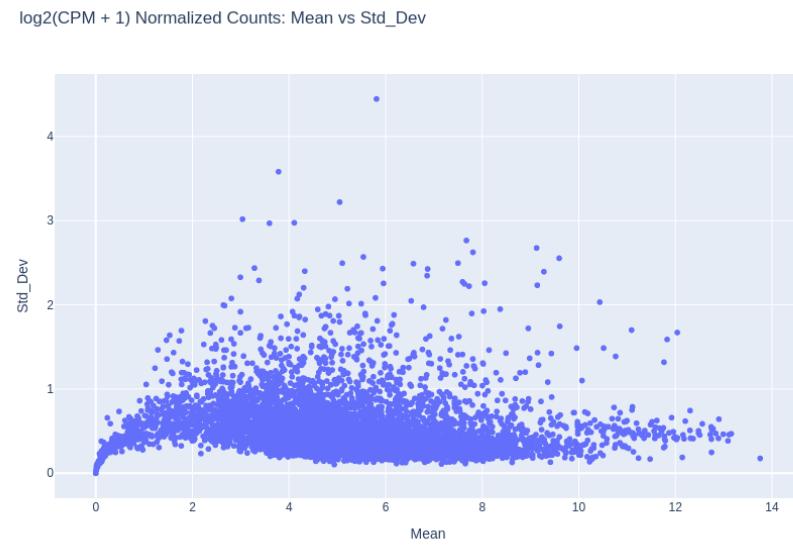


Figure 4.1: Some Scatter Plot

4.1.2 | Step 2 of EDA

Some more text.



5 | Results and Discussion

5.1 | Theme 1 of Findings

Some insights.

5.2 | Theme 2 of Findings

Some more insights.

Future work should explore certain more aspects in depth.



6 | Conclusion

Some conclusion.



7 | Future Work

Put your points of future work.

- **Idea 1:** Small Description
- **Idea 2:** Small Description
- **Idea 3:** Small Description

Ideal report ends here.

8 | References

- [1] Robin C May, Neil R H Stone, Darin L Wiesner, Tihana Bicanic, and Kirsten Nielsen. Cryptococcus: from environmental saprophyte to global pathogen. *Nature Reviews Microbiology*, 14(2):106–117, 2016.



9 | Appendix

Something extra here!

```
for some_ideas in code:  
    print(here)
```

