
Analytics for the Australian Grains Industry - Curtin University (AAGI-CU) Technical Report Series: 123

**Descriptive title for report
Report for AAA–BBB**

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Executive summary

What was provided by AAGI and the main results?

Introduction

- Goals of the research project.
- Background, context and rationale behind the research.

Experimental/Trial Design

- Trial design type and layout.
- Treatments, number of replicates.
- Specific considerations for small plots, glasshouse, genetics, breeding trials, OFE projects, or bioinformatics.

Exploratory Data Analysis and Data Visualisation

- Interpretation of plots and data.
- Rationale behind specific methods used.

Methods

- Detailed description of the procedures and methodologies used.
- Include versions/commits on developed pipelines, scripts, and input/output details if applicable.

Analysis (if separate from Methods)

Approach taken for data analysis.

Results and Discussion

Findings and their implications.

Figure example



Figure 1: An example figure using {ggplot2}.

Table example

Table 1: An example table using {flextable}.

| Ozone | Solar.R | Wind | Temp | Month | Day |
|-------|---------|------|------|-------|-----|
| 41 | 190 | 7.4 | 67 | 5 | 1 |
| 36 | 118 | 8.0 | 72 | 5 | 2 |
| 12 | 149 | 12.6 | 74 | 5 | 3 |
| 18 | 313 | 11.5 | 62 | 5 | 4 |
| | | 14.3 | 56 | 5 | 5 |

| Ozone | Solar.R | Wind | Temp | Month | Day |
|-------|---------|------|------|-------|-----|
| 28 | | 14.9 | 66 | 5 | 6 |

Metadata and Datasets (Optional)

- md5sums for input data and outputs (if applicable).
- Git commit numbers and tags.
- Location of outputs (FAIR Data).
- DOI for AAGI outputs.

Map (Location, Optional)

Include if relevant to the project.

References

Cited works and literature. Box (1976)

Box, G.E.P. (1976) [Science and statistics](#). *Journal of the American Statistical Association*, **71**, 791–799.

Appendix (Optional)

Additional supporting information.