Development Notes

Project / Work Package Name

# How to use this document

This development notes template document is intended to act as an informal changelog, to keep note of the changes being made at a given time, as well as the changes that have been made, the reason behind the change and how the implementation was checked.

This differs to the commit history, as it shows the approaches tried as well as what has actually been implemented.

Use this completed document to assist with writing pull requests, documentation, or to back up design decisions. This is also a useful learning resource as you can look back at past approaches.

| Date | Description of implementation | Reason | Did it work | Pros / cons | How was it checked? |
| --- | --- | --- | --- | --- | --- |
| 7/11/24 | Changed the statistics function to return a dataframe instead of nested dicts.  Created additional functions to return single values if needed by reporting. | Better maintainability, easier debugging, checking and testing. | Yes | Cleaner and more readable approach. Drawback is inability to store single values which may make reporting more difficult. | Manual calculations to back up the statistics output. |
| 7/11/24 | Do something… | For some reason | No | Drawback of this approach was… | It was checked |
| 7/11/24 | Use apply instead of looping through dataframe in x function | Take better advantage of pandas | Ongoing |  |  |
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