What can JMP Clinical do for you?

JMP Clinical can do more than AE Narratives. Here are some interesting ways it can help you with your work.

**Variable Report**
This should be the first report that you run on a new study. It performs initial data checks and confirms which reports you can subsequently run. It adds values by highlighting missing variables which might indicate issues with data mapping.

**Constant Findings**
This report quickly shows tests from findings domains that have the same result for the entire study.

The green section is telling us that we can run reports on Adverse Events as the core requirements are met.

The red section is telling us that we cannot run reports for the 'Enrolled' population, as the expected variable is not present.

The report can run on all Findings domains, or on selected tests.

The Question Mark icon opens up the online Help to explain all of the options.

The report can be filtered for specific subjects or populations.

**Duplicate Records**
This report identifies sets of records that have identical values on more than one occasion within a subject.

The report output looks similar to the Constant Findings report, and in the same way, by selecting a subject, we can drill down to see the actual data.

This report offers a ‘Show Duplicates’ button. Having selected a subject we see a subset of the duplicate dataset.

The view below has filtered out many of the columns for ease of viewing.

It is possible to drill down from the Constant Findings report (and all JMP Clinical reports) to see the underlying data.

In this case, we select subject 31, who appears to have 12 different constant results. With the data selected, we can then click on the Profile Patients button.

**Birthdays and Initials**
This report can help identify subjects that might be identical based on birthdate or initials. We have the option to match on birthdate or initials, and to consider sex, race and ethnicity in the matching.

**Weekdays and Holidays**
This report identifies the weekday of study visits and determines if they fall on a major holiday. A violin plot is produced as well as distribution details.

There are many more reports that could be useful. Two more that we will look at here are ‘Birthdays and Initials’ and ‘Weekdays and Holidays’.

Birthdays and Initials
This report can help identify subjects that might be identical based on birthdate or initials. We have the option to match on birthdate or initials, and to consider sex, race and ethnicity in the matching.

The report output shows all of the subjects with the same sex, race and date of birth. In this example they are all enrolled at different investigator sites, so there may not be any issues to resolve. If the two sites were geographically close together or two subjects were enrolled at the same site then further investigation may be justified.

Weekdays and Holidays
This report identifies the weekday of study visits and determines if they fall on a major holiday. A violin plot is produced as well as distribution details.

This site appears to have a higher likelihood of subjects visits on a holiday. This particular study involved daily visits, and we can see that three of the four holidays highlighted above are all clustered together at Easter.

For a different study, a higher likelihood of study visits occurring on a holiday could be due to other reasons, which may merit investigation.