

## MDR-PDT changes

| <i>Version</i> | <i>Date</i> | <i>Issue</i>   | <i>Solution</i>  |
|----------------|-------------|--|--|
| 1.1            | 11/20/06    | Compiling / execution issues on solaris.   | Removed Blitz library  |
| 1.1.2          | 12/15/06    | 0% Affected/Unaffected & 100% missing data were reported in final reports.   | The mask associated with missing data had been flipped.  |
|                |             | P-Test scores were always being reported as best achievable score considering the number of tests run if they were larger than the worst test in the distribution. | Sorting for distribution had been ordered differently and the evaluation hadn't been updated to reflect the correct order                                      |
|                |             | Data files containing uneven numbers were being reported using a cryptic warning and execution continued with only completed genotypes.                            | Application was altered to abort under this condition with a more understandable error message.  |
|                |             | Changes were made in the distribution output to reflect changes in the trunk application required for parallel processing  | Removed dependency on the presence of a valid model object to report the details of the model (such as the ID).  |
| 1.1.3          | 1/08/07     | Application Segfaulted when encountering single affected individual pedigrees  | Added a check for empty genotypes to GenotypeData::CountGenotypesPresent()   |
|                | 1/09/07     | Abort when data has no affected individuals (due to non-default status assignment)   | Added an error message indicating that the data has no meaningful information and suggest that the status in the configuration file might need to be adjusted. |
| 1.1.4          | 1/09/07     | Abort when encountering carriage returns from MS-DOS style returns   | Updated tokenizer to consider /r as whitespace   |
|                |             | There was some inconsistency with the implementation with random seeds   | Updated application to use a macro to determine which srand to use based on compiler definitions.  |
|                | 1/25/07     | Classification Error was incorrectly labelled as Prediction Error.   | Corrected the labels.  |