

$\Sigma\Sigma$ Statistical Solutions

Making sense of your data

Statistical Validation of the Encoding Error Rate (Target 0.25% +/- 0.05%)

Sample Results

A random sample was drawn from the encoded records.

Each record sampled was classified as being in error or not.

The sample size was 33190 and the number of errors reported in the sample was 49.

Statistical Analysis

The estimated Encoding Error Rate is 0.1476%.

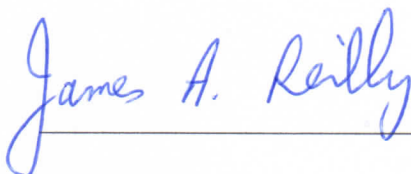
The exact margin of error for this estimate is 0.0397%.

The 95% confidence interval (upper bound) for the Encoding Error Rate is 0.1873%.

Conclusions

The validation sample has established, at the 95% confidence level, that the Encoding Error Rate is at most 0.1873%.

Therefore it can be asserted that the target of 0.25% +/- 0.05% for the Encoding Error Rate has been satisfied.



James Reilly
Chartered Statistician
14 November 2014