

Cognalysis™ Reserving System Version 3.0 Release Notes

Summary of Changes:

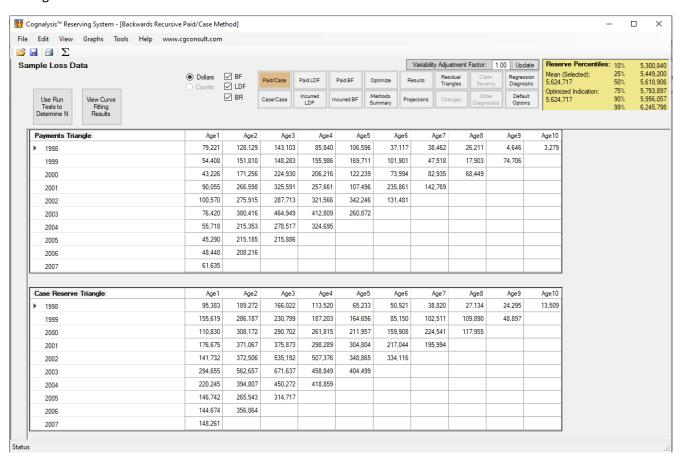
- Backwards Recursive Method
- Method Toggle
- Updated Optimization Method
- Graphical Updates
- Bug Fixes and UI Improvements

Backwards Recursive Method

Cognalysis™ Reserving 3.0 sees the addition of a new prediction method, backwards recursive. This method utilizes single time-step factors to develop ultimate reserves. This method uses both the payments triangle and case reserve triangle to derive its estimates.

Users can view, and adjust the method via the Paid/Case, and Case/Case tabs (Reported/Closed, Closed/Closed for counts). The backwards recursive method then uses both factors to arrive at an ultimate estimate.

A more in-depth look at the Backwards Recursive method can be found inside of the monograph, 'Individual Claim Development Models and Detailed Actuarial Reserves in Property-Casualty Insurance' written by Gross Consulting's CEO Chris Gross. The method is more closely discussed on pages 24 through 28.



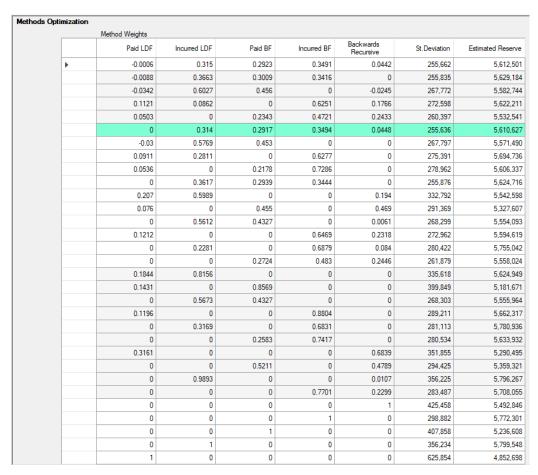
Method Toggle

Users now have the option to toggle methods on/off via the method toggle checkbox at the top of the software. When a method is toggled off, it will not appear in the optimize calculations, as well as any printed reports.



Updated Optimization Process

With the addition of the Backwards Recursive method, the "Optimize" tab has been updated to properly handle all 5 methods. There are now 31 combinations of methods.



Updated Graphs

Many of the graphs inside of reserving have been updated to include the backwards recursive method. This includes the perspective, seed ratio, and range and methods graphs.

