An introduction to lifecontingencies package

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1   Overview

I've decided to submit to the cran package to perform life contingencies calculation in order to fill a current lack within the CRAN archive. I will fill this vignette further, nevertheless I anticipate the structure:

1. Section 2 provides an overview of R usage within actuarial fields and describes the package structure.

2. Section 3 gives a wide choice of lifecontingencies packages example.

3. Finally section will provide a discussion of results and further potential developments.

2   Lifecontingencies package description

2.1   Current R actuarial packages

2.2   The structure of the package

3 Examples

3.1 Classical financial mathematics example

3.2 Working with lifetable objects

3.3 Classical actuarial mathematics examples

3.4 A thorough examples

4 Discussion

4.1 Analysis of software capabilities

4.2 Prospective developments