

540 Views | 59 CrossRef citations to date | 0 Altmetric

Original Articles

Modeling Surrender and Lapse Rates With Economic Variables

Changki Kim PhD

Pages 56-70 | Published online: 03 Jan 2013

 Cite this article  <https://doi.org/10.1080/10920277.2005.10596225>

Sample our
Mathematics & Statistics
Journals
>> **Sign in here** to start your access
to the latest two volumes for 14 days

 References

 Citations

 Metrics

 Reprints & Permissions

Read this article

Abstract

This paper presents surrender rate models with explanatory variables such as the difference between reference and crediting rates, policy age since issue, financial crises, unemployment and economy growth rates, and seasonal effects. The logit function

This paper
perform
also sho
types, a
plan



We Care About Your Privacy

We and our 845 partners store and/or access information on a device, such as unique IDs in cookies to process personal data. You may accept or manage your choices by clicking below, including your right to object where legitimate interest is used, or at any time in the privacy policy page. These choices will be signaled to our partners and will not affect browsing data. [Privacy Policy](#)

We and our partners process data to provide:

Use precise geolocation data. Actively scan device characteristics for identification. Store and/or access information on a device. Personalised advertising and content, advertising and content measurement, audience research and services development.

[List of Partners \(vendors\)](#)

 I Accept

Essential Only

Show Purpose

Some Truths about Ostriches: Who Doesn't Prepay Their Mortgages and Why They Don't☆

Source: Elsevier BV

Lapse tables for lapse risk management in insurance: a competing risk approach

Source: HAL CCSD

Determine Life Insurance Lapse

Source: Wiley

On the market risk involved in the public financial system in Japan: A theoretical and numerical investigation

Source: Elsevier BV

Generalized Linear Models

Source: Springer US

ECONOMIC AND MARKET PREDICTORS OF INSOLVENCIES IN THE LIFE-HEALTH INSURANCE INDUSTRY

Source: JSTOR

Bayesian Modeling of Shock Lapse Rates Provides New Evidence for Emergency Fund Hypothesis

Source: Informa UK Limited

Generalized, Linear, and Mixed Models: McCulloch/Generalized, Linear, and Mixed Models

Source: Wiley

Financial optimization: An economic approach to valuation of single premium deferred annuities

Source: Cambridge University Press

Computing durations for bond portfolios

Source: Pageant Media US

Prepa

Source

The E

Source

Dorm

Source

D

So

THE I

COMF

Source

Contr

Source

Financial optimization: Methodologies



Source: Cambridge University Press

Life Insurance Lapse Behavior

Source: Informa UK Limited

Categorical data analysis

Source: John Wiley & Sons, Inc.

Premium allocation and risk avoidance in a large firm: a continuous model

Source: Elsevier BV

Incorporation of Stochastic Policyholder Behavior in Analytical Pricing of GMABs and GMDBs

Source: MDPI AG

Predicting large US commercial bank failures

Source: Elsevier BV

Categorical data analysis

Source: John Wiley & Sons, Inc.

A Simple Prepayment Model of Commercial Mortgages

Source: Elsevier BV

Decision analysis using multinomial logit models: Mortgage portfolio valuation

Source: Elsevier BV

On the Propensity to Surrender a Variable Annuity Contract

Source: Wiley

Categorical data analysis

Source: John Wiley & Sons, Inc.

An analytical comparison of the durations and price sensitivities of fixed-rate, constant payment and constant amortization mortgages

Source: Elsevier BV

Main Determinants of Lapse in the German Life Insurance Industry

Source

Prepa

Source

Categ

Source

With

S

Pre

multi

Source

Logit

bank

Source

Rational Prepayment and the Valuation of Mortgage-Backed Securities



Source: Oxford University Press (OUP)

EXOGENOUS AND ENDOGENOUS RISK FACTORS MANAGEMENT TO PREDICT SURRENDER BEHAVIOURS

Source: HAL CCSD

Markov chain modeling of policyholder behavior in life insurance and pension

Source: Springer Science and Business Media LLC

Complete prepayment models for mortgage-backed securities


Source: Institute for Operations Research and the Management Sciences (INFORMS)

Relationship Between Insurance and Economic Development

Source: Wiley

Racial and Ethnic Disparities in Mortgage Prepayment

Source: Elsevier BV

Linking provided by 

Related research

People also read

Recommended articles

Cited by
59



Information for

Authors

R&D professionals

Editors

Librarians

Societies

Opportunities

Reprints and e-prints

Advertising solutions

Accelerated publication

Corporate access solutions

Open access

Overview

Open journals

Open Select

Dove Medical Press

F1000Research

Help and information

Help and contact

Newsroom

All journals

Books

Keep up to date

Register to receive personalised research and resources by email



Sign me up



Copyright © 2024 Informa UK Limited [Privacy policy](#) [Cookies](#) [Terms & conditions](#)



Taylor & Francis Group
an informa business

Accessib



Registered
5 Howick Pl

