







Q

Home ▶ All Journals ▶ Economics, Finance & Business ▶ North American Actuarial Journal ▶ List of Issues ▶ Volume 12, Issue 4 ▶ Securitization of Longevity Risk in Reve

North American Actuarial Journal > Volume 12, 2008 - Issue 4

318 52

Views CrossRef citations to date Altmetric

Original Articles

Securitization of Longevity Risk in Reverse Mortgages

Liang Wang, Emiliano A. Valdez FSA, PhD & John Piggott FASSA, PhD

Pages 345-371 | Published online: 28 Dec 2012

⚠ https://doi.org/10.1080/10920277.2008.10597529 **66** Cite this article

> Sample our Economics, Finance, Business & Industry Journals

References

66 Citations

Metrics

➡ Reprints & Permissions

Read th

Abstra

The reve recent v

househo

Increasi

interes

hinder t

method the form

alternati

construc

tradition

We Care About Your Privacy

We and our 907 partners store and access personal data, like browsing data or unique identifiers, on your device. Selecting "I Accept" enables tracking technologies to support the purposes shown under "we and our partners process data to provide," whereas selecting "Reject All" or withdrawing your consent will disable them. If trackers are disabled, some content and ads you see may not be as relevant to you. You can resurface this menu to change your choices or withdraw consent at any time by clicking the ["privacy preferences"] link on the bottom of the webpage [or the floating icon on the bottom-left of the webpage, if applicable]. Your choices will have effect within our Website. For more details, refer to our Privacy Policy. Here

We and our partners process data to provide:

I Accept Reject All nomies in mber of Show Purpose peal. er stimulated

at may

esses one

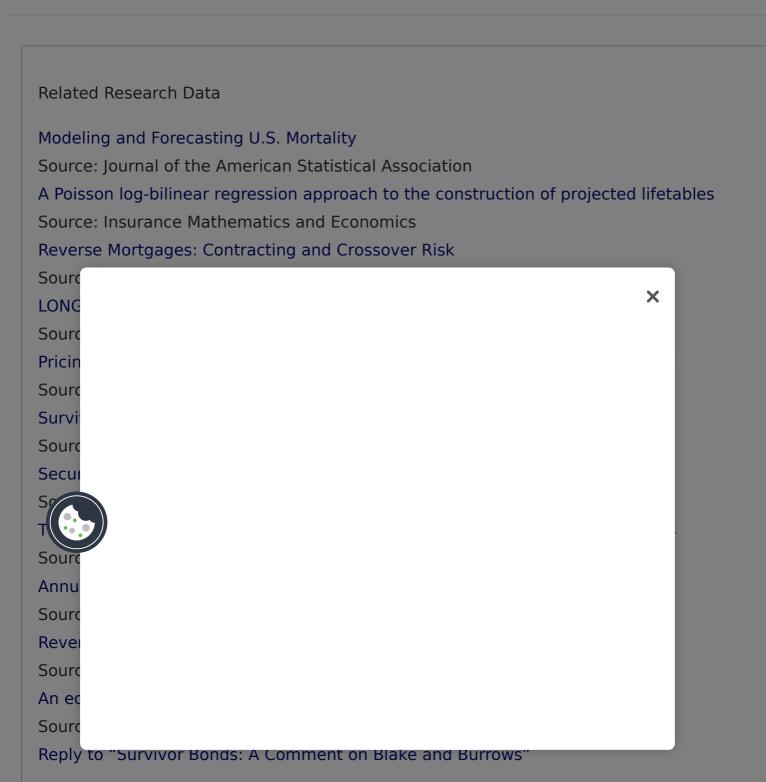
ts through

ve.

e how to

applied in

Specifically, we investigate the merits of developing survivor bonds and survivor swaps for reverse mortgage products. In the case of survivor bonds, for example, we are able to compute premiums, both analytically and numerically through simulations, and to examine how the longevity risk may be transferred to the financial investors. Our numerical calculations provide an indication of the economic benefits derived from developing survivor bonds to securitize the "longevity risk component" of reverse mortgage products. Moreover, some sensitivity analysis of these economic benefits indicates that these survivor bonds provide for a promising tool for investment diversification.



Source: Journal of Risk & Insurance
Securitization of Mortality Risks in Life Annuities

Source: Journal of Risk & Insurance

Survivor Bonds: A Comment on Blake and Burrows

Source: Journal of Risk & Insurance

Securitization of Life Insurance Assets and Liabilities

Source: Journal of Risk & Insurance

Moral Hazard in Home Equity Conversion

Source: Unknown Repository

An Analysis of Criteria for Investment and Financing Decisions Under Certainty

X

Source: Management Science

Optimal asset allocation in life annuities: a note Source: Insurance Mathematics and Economics

Catastrophe Risk Bonds

Source: North American Actuarial Journal

Survivor Bonds: Helping to Hedge Mortality Risk

Source: Journal of Risk & Insurance

Premium Calculation by Transforming the Layer Premium Density

Source: Astin Bulletin

Natural Hedging of Life and Annuity Mortality Risks

Source: North American Actuarial Journal
Economic Aspects of Securitization of Risk

Sourc

Risk a

Sourc

An In

Sourc

Linkir



Information for Open access **Authors** Overview R&D professionals Open journals Editors **Open Select** Librarians **Dove Medical Press** Societies F1000Research Opportunities Help and information Reprints and e-prints Advertising solutions Newsroom Accelerated publication Corporate access solutions Books Keep up to date Register to receive personalised research and resources by email Sign me up X or & Francis Group Copyright