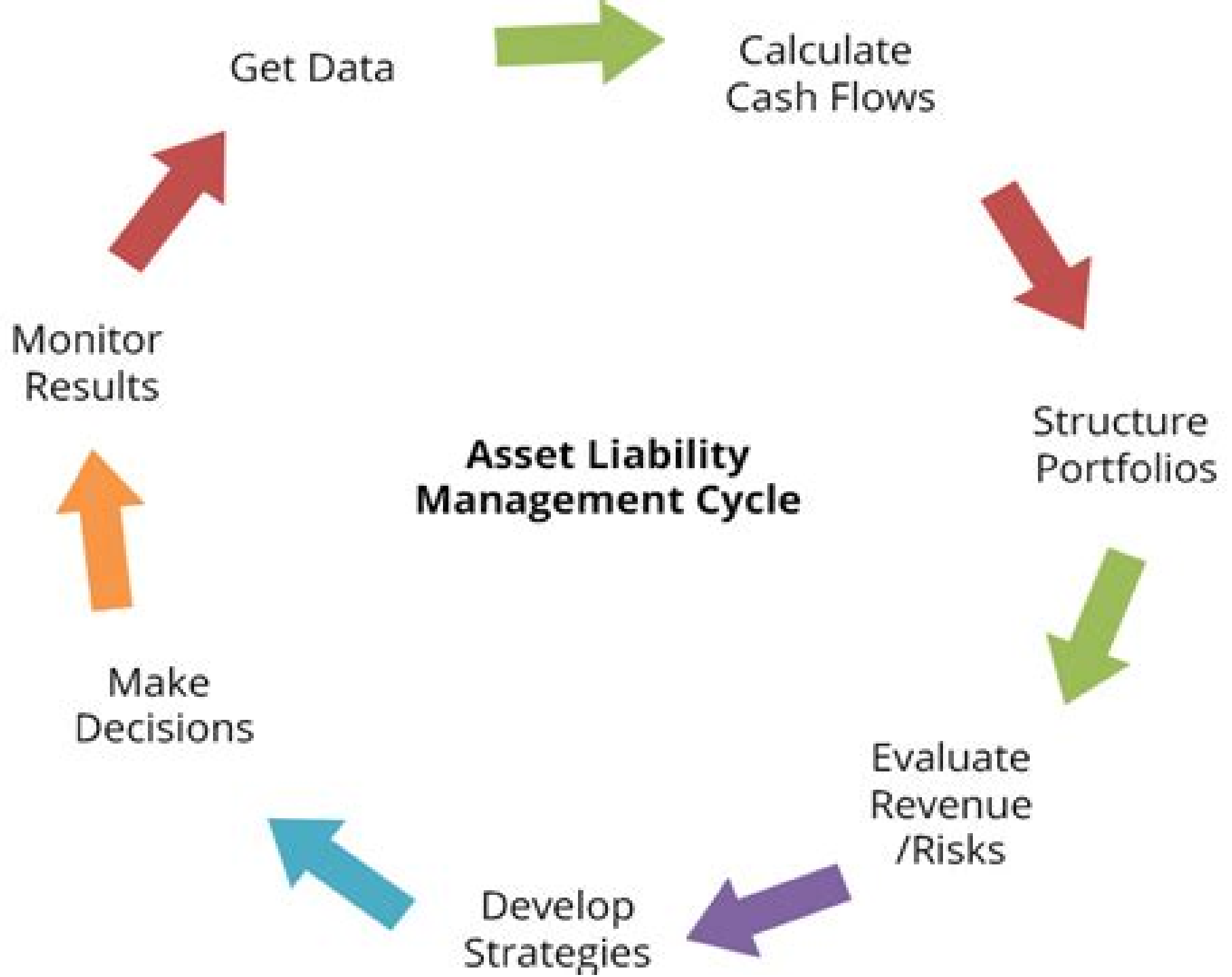




Asset Liability Management

Thomas A. Farin



Asset Liability Management:

Bank Asset and Liability Management Moorad Choudhry, 2011-12-27 Banks are a vital part of the global economy and the essence of banking is asset liability management ALM This book is a comprehensive treatment of an important financial market discipline A reference text for all those involved in banking and the debt capital markets it describes the techniques products and art of ALM Subjects covered include bank capital money market trading risk management regulatory capital and yield curve analysis Highlights of the book include detailed coverage of Liquidity gap and funding risk management Hedging using interest rate derivatives and credit derivatives Impact of Basel II Securitisation and balance sheet management Structured finance products including asset backed commercial paper mortgage backed securities collateralised debt obligations and structured investment vehicles and their role in ALM Treasury operations and group transfer pricing Concepts and techniques are illustrated with case studies and worked examples Written in accessible style this book is essential reading for market practitioners bank regulators and graduate students in banking and finance Companion website features online access to software on applications described in the book including a yield curve model cubic spline spreadsheet calculator and CDO waterfall model Asset & Liability Management Jean Dermine, Youssef F. Bissada, 2002 As institutional shareholders increase pressure on value creation and as central banks around the world are forcing banks to improve their ALM capabilities the time has come for every banker to master the tools of Asset and Liability Management and the control of value creation and risk Written for a general business audience by Jean Dermine an INSEAD expert Asset and Liability Management is a complete toolbox for those wishing to get to grips with the subject Unique in its concise clear and accessible presentation of the concepts the book steers clear of complex mathematics and presents the tools in an intuitive and simple way by using modern visual educational techniques The book sheds light on questions such as how do the various pieces of the bank puzzle fit with one another how does each piece of the bank contribute to value creation how does one ensure that risks are being controlled how do you evaluate performances on a risk adjusted basis how do you price loans to secure the creation of value It also includes discussions on profit center management pricing credit risk and loan provisioning and the management of interest rate and liquidity risks Threading through the book are a set of exercises with solutions to measure understanding of the concepts as they build on each other Packaged with the book is a step by step tutorial CD ROM that focuses on visuals and exercises with built in solutions This can be used as a stand alone self learning device or as a tool after reading the book to test and reinforce the concepts learnt **Asset-Liability and Liquidity Management** Pooya Farahvash, 2020-05-21 Asset Liability and Liquidity Management distils the author's extensive experience in the financial industry and ALM in particular into concise and comprehensive lessons Each of the topics are covered with a focus on real world applications based on the author's own experience in the industry The author is the Vice President of Treasury Modeling and Analytics at American Express He is also an adjunct Professor at New York

University teaching a variety of analytical courses Learn from the best as Dr Farahvash takes you through basic and advanced topics including The fundamentals of analytical finance Detailed explanations of financial valuation models for a variety of products The principle of economic value of equity and value at risk The principle of net interest income and earnings at risk Liquidity risk Funds transfer pricing A detailed Appendix at the end of the book helps novice users with basic probability and statistics concepts used in financial analytics

Asset-Liability Management for Financial Institutions

Bob Swarup,2012-05-24 Effective asset liability management ALM of a financial institution requires making informed strategic and operational decisions Ever more important in the wake of the corporate bailouts and collapses of the financial crisis ALM encompasses the formulation implementation monitoring and revision of strategies often on a daily basis due to the fast moving nature of the related risks and constraints This approachable book features up to date practitioner and academic perspectives to provide you with the knowledge you need Key foundation information is backed up by the latest research and thought leadership to form a comprehensive guide to ALM for today and into the future with case studies and worked examples Detailed coverage includes Successful risk management frameworks Coherent stress testing Modeling market risk Derivatives and ALM Contingency funding to manage liquidity risks Basel III capital adequacy standard Investment management for insurers Property and casualty portfolio management Funds transfer pricing Problem loan modeling

Asset/liability Management Jerry Hartzog,1983

Asset and Liability Management for Banks and

Insurance Companies Marine Corlosquet-Habart,William Gehin,Jacques Janssen,Raimondo Manca,2015-09-21 This book introduces ALM in the context of banks and insurance companies Although this strategy has a core of fundamental frameworks models may vary between banks and insurance companies because of the different risks and goals involved The authors compare and contrast these methodologies to draw parallels between the commonalities and divergences of these two services and thereby provide a deeper understanding of ALM in general

Bank Asset Liability Management Best

Practice Polina Bardaeva,2021-04-19 As bankers incorporate more and more complicated and precise calculations and models a solely mathematical approach will fail to confirm the viability of their business This book explains how to combine ALM concepts with the emotional intelligence of managers in order to maintain the financial health of a bank and quickly react to external environment challenges and banks microclimate changes ALM embraces not only balance sheet targets setting instruments and methodologies to achieve the targets but also the correct and holistic understanding of processes that should be set up in a bank to prove its prudence and compliance with internal and external constraints requirements and limitations and the ongoing continuity of its operations Bank Asset Liability Management Best Practice delves into the philosophy of ALM discusses the interrelation of processes inside the bank and argues that every little change in one aspect of the bank processes has an impact on its other parts The author discusses the changing role of ALM and its historical and current concepts its strengths and weaknesses and future threats and opportunities

Asset Liability Management

Optimisation Beata Lubinska,2020-02-24 An advanced method for financial institutions to optimize Asset Liability Management for maximized return and minimized risk Financial institutions today are facing daunting regulatory and economic challenges As they manage bank regulation and competition institutions are also optimizing their Asset Liability Management ALM operations The function of the ALM unit today goes beyond risk management related to the banking book into managing regulatory capital and positioning the balance sheet to maximize profit Asset Liability Management Optimization A Practitioner s Guide to Balance Sheet Management and Remodelling offers a step by step process for modeling and reshaping a bank s balance sheet Based on the author s extensive research it describes how to apply a quantifiable optimization method to help maximize asset return and minimize funding cost in the banking book ALM ranks as a key component of any financial institution s overall operating strategy Now financial professionals can use an advanced solution for optimizing ALM This book takes a closer look at the evolving role of the ALM function and the target position of the banking book It provides strategies for active management structuring and hedging of a bank balance sheet while also exploring additional topics related to ALM A description of the Funds Transfer Pricing FTP process related to a bank s target position Detailed examinations of interest rate risk in the banking book IRRBB Discussion of Basel III regulatory requirements and maturity gap analysis Overview of customer behavior along with its impact on interest rate and liquidity risk Practical spreadsheet models NII sensitivity and EVE volatility IRRBB model simplified optimization model for minimization of average funding cost for a bank and an example of behavioral model for Non Maturing Deposits Explorations of model risk sensitivity analysis and case studies The optimization techniques found in Asset Liability Management Optimization can prove vital to financial professionals who are tasked with maximizing asset return and reducing funding costs as a critical part of business objectives

The Essentials of Risk Management, Chapter 8 - Asset-Liability

Management Michel Crouhy,Dan Galai,Robert Mark,2005-12-14 Here is a chapter from The Essentials of Risk Management a practical non ivory tower approach that is necessary to effectively implement a superior risk management program Written by three of the leading figures with extensive practical and theoretical experience in the global risk management and corporate governance arena this straightforward guidebook features such topics as governance compliance and risk management how to implement integrated risk management measuring managing and hedging market and more

Managing Financial Institutions Mona J. Gardner,Dixie L. Mills,1988 **Bank Asset-Liability Management** Fidelio Tata,2025-01-31 This book provides a practical and intuitive view of how European banks manage asset liability mismatch risk from both a practitioner and supervisory perspective After a prolonged period of zero interest rate policy ZIRP by central banks around the world the period from Q1 2022 to Q2 2023 has seen the largest fastest and most widespread increase in interest rates since the 1980s with 1 year euro yields rising by more than 400 bp The recent market turmoil has exposed the increased vulnerability of banks particularly those with significant exposures to long term fixed income assets fueled by

shorter term less stable funding This challenging interest rate environment reinforces the strategic importance of asset liability management ALM for banks Indeed a bank s survival now depends more than ever on prudent ALM This book introduces the most common components of interest rate risk management within a bank s asset liability management framework including the concepts of economic value of equity EVE net interest income NII funds transfer pricing FTP and the replicating model In addition to bridging the gap between widely used general interest rate risk management techniques in the fixed income area and what is best practice in European banks the book also provides an update on recent changes in the regulatory framework for European banks management of interest rate risk in the banking book IRRBB including new EBA guidelines It also covers the latest developments in interest rate risk management such as rapidly changing interest rates and modeling bank customers behavior

An Introduction to Banking Moorad Choudhry, 2011-09-07 A great write up on the art of banking Essential reading for anyone working in finance Dan Cunningham Senior Euro Cash OBS Dealer KBC Bank NV London Focused and succinct review of the key issues in bank risk management Graeme Wolvaardt Head of Market Risk Control Europe Arab Bank plc London The importance of banks to the world s economic system cannot be overstated The foundation of consistently successful banking practice remains efficient asset liability management and liquidity risk management This book introduces the key concepts of banking concentrating on the application of robust risk management principles from a practitioner viewpoint and how to incorporate these principles into bank strategy Detailed coverage includes Bank strategy and capital Understanding the yield curve Principles of asset liability management Effective liquidity risk management The role of the bank ALM committee Written in the author s trademark accessible style this book is a succinct and focused analysis of the core principles of good banking practice

Asset Liability Management. 3rd Edition, 2014-08-05 The book begins with a description of how the revenue generation mechanism of a bank works Asset liability management ALM and associated interest rate and liquidity risks are defined and other measures such as duration and convexity are calculated In order to understand the various yield curve shapes shifts and outlooks a review of the historical US yield term structures is conducted This is followed by a look at various ALM strategies in view of future expected interest rate outlooks and their impact on the maturity distributions of assets liabilities of banks Next the various assumptions used in an ALM model are assessed followed by an explanation of price and rate gaps with some basic illustrations to understand the concepts of net interest income at risk and market value at risk ALM reports profile cash flows by maturity or reset buckets A methodology for building maturity and liquidity profiles for banks advances and deposits portfolios using the Pivot table chart functionality in EXCEL is discussed Step by step methodologies for various ALM measurement tools follow These include Fall in Market Value of Equity Earnings at Risk Cost to Close liquidity gap Cost to Close interest rate gap Rate Sensitive Gap Duration Gap An overview of other ALM reports such as price sensitive gap net interest income NII and liquidity gap is given Applications for explaining immunization and portfolio dedication are presented An EXCEL Solver based fixed income

portfolio optimization model is discussed and scenarios for minimizing duration and maximizing convexity of the portfolio are presented A discussion of liquidity risk management measures including ratios and analyses for measuring liquidity risk limits for managing the risk general and specific requirements for developing a contingency funding plan and liquidity enhancement tactics for company specific and systemic crisis A methodology for stress testing liquidity using a Value at Risk VaR based approach for a fixed income portfolio is also discussed The book concludes with a case study for assessing why bank regulations fail This simulation results based study looks at the efficacy of Capital Adequacy Ratio CAR as an indicator of bank performance and seeks to identify a more valuable leading indicator or target account for monitoring bank performance and health

ALM Spelled Out Bill Goedken, 2004-01-01 *Successful Bank Asset/Liability Management* John W. Bitner, Robert A. Goddard, 1992-08-04

Two virtuosos of risk management show you how to close up the holes in your gap defenses before the regulators call BankersMonthly dubbed them virtuosos of risk management who have raised A L management to an art And this hands on approach to asset liability management from Bitner and Goddard is exactly what you expect from such banking leaders It is the first true action book in the field moving beyond simple gap analysis theory and fundamentals to show you how to apply the full range of today's sophisticated A L management techniques and comply with the latest banking regulations You will find Full discussions of interest rate exposures not measured by gap but of vital interest to institutions and regulators alike basis risk the difference in the change of interest rates between instruments of identical maturities and imbedded options loan payoffs and early deposit withdrawals Helpful and informative insights from leading A L management practitioners consultants and software developers Whether you're involved with a commercial bank savings and loan association or credit union you can't afford to ignore the gap in your institution's risk defenses any longer Put the virtuosos of risk management to work today

Asset/Liability Management of Financial Institutions Leo M. Tilman, 2014-05-14

As the first ever definitive guide to Asset Liability Management ALM across financial institutions this book is essential in developing consistent frameworks for risk management Leveraging the experience of 38 senior industry practitioners it provides a unique and practical perspective on the practice of ALM covering The management techniques and practices of ALM in financial institutions The challenges facing depository institutions the insurance industry pension and mortgage providers The regulatory and accounting aspects of ALM options and decisions For financial and corporate executives treasurers portfolio managers investment bankers traders actuaries modelers academics and regulators this book brings you face to face with the leading experts and is a valuable reference for anyone involved in the business of ALM at this critical juncture This book has been cited as a reference in the Basel Committee on Banking Supervision's Consultative Document The Application of Basel II to Trading Activities and the Treatment of Double Default Effects April 2005 Building upon his acclaimed text on risk management Leo Tilman has assembled an exceptional group of contributors to create an authoritative volume on asset liability management Finance professionals regulators investors and academics now have a

definitive reference on perspectives and practices of leading institutions Tetsuya Miyagawa General Manager International Investment Department Nippon Life Insurance Company ALM plays a central role in uniting corporate finance and risk management Grounded in practical realities this book builds an intellectual bridge between ideas and tools critical for players across the financial industry Professor Harry H Panjer President Society of Actuaries A timely discussion of the most important asset liability management issues financial institutions will undoubtedly continue to face William H Gross Chief Investment Officer and Managing Director Pacific Investment Management Company A terrific text that provides important insights on asset liability management by evaluating existing theory within a rich institutional setting This book fills an important market niche and is a must for anyone dealing with A L at financial institutions and corporations Professor Stephen A Ross Franco Modigliani Professor of Finance and Economics MIT Sloan School of Management Leo M Tilman has brought together a collection of authors that frame a comprehensive ALM discipline to protect against the next possible storm Mark Bursinger Vice President Risk Management AEGON USA Investment Management LLC

Asset/liability Management for Savings Institutions Thomas A. Farin,1989 *Asset/liability Management* William M. Glavin,1982 **Handbook of Asset and Liability Management** Stavros A. Zenios,William T. Ziemba,2007-08-08 The Handbooks in Finance are intended to be a definitive source for comprehensive and accessible information in the field of finance Each individual volume in the series presents an accurate self contained survey of a sub field of finance suitable for use by finance and economics professors and lecturers professional researchers graduate students and as a teaching supplement It is fitting that the series Handbooks in Finance devotes a handbook to Asset and Liability Management Volume 2 focuses on applications and case studies in asset and liability management The growth in knowledge about practical asset and liability modeling has followed the popularity of these models in diverse business settings This volume portrays ALM in practice in contrast to Volume 1 which addresses the theories and methodologies behind these models In original articles practitioners and scholars describe and analyze models used in banking insurance money management individual investor financial planning pension funds and social security They put the traditional purpose of ALM to control interest rate and liquidity risks into rich and broad minded frameworks Readers interested in other business settings will find their discussions of financial institutions both instructive and revealing Focuses on pragmatic applications Relevant to a variety of risk management industries Analyzes models used in most financial sectors

Asset/Liability Management Basics for Community Financial Institutions James T. Wilkinson,2004-01-01

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