Barra Global Total Market Equity Trading Model Factor Details

September 2016

This document provides the description, motivation, and summary of factor risk and return performance for all factors in the Barra Global Total Market Equity Trading Model. For more details about each style factor descriptor, refer to the Barra Global Total Market Equity Trading Model Descriptor Details.

The model comprises 22 style factors:

- Analyst Sentiment
- Beta
- Book to Price
- Dividend Yield
- Earnings Quality
- Earnings Variability
- Earnings Yield
- Growth
- Industry Momentum
- Investment Quality
- Leverage
- Liquidity
- Long-Term Reversal
- Mid Capitalization
- Momentum
- News Sentiment
- Profitability
- Residual Volatility
- Seasonality

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John B Guerard Jr,William T Ziemba

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  Research in Finance John W. Kensinger,2012-05-16 The theme of this volume is Dealing with Volatility and Enhancing Performance During a time when there is much concern about the perceived volatility of global equity markets the insights offered here could be reassuring as well as useful   **Portfolio Construction, Measurement, and Efficiency** John B. Guerard, Jr.,2016-09-23 This volume inspired by and dedicated to the work of pioneering investment analyst Jack Treynor addresses the issues of portfolio risk and return and how investment portfolios are measured In a career spanning over fifty years the primary questions addressed by Jack Treynor were Is there an observable risk return trade off How can stock selection models be integrated with risk models to enhance client returns Do managed portfolios earn positive and statistically significant excess returns and can mutual fund managers time the market Since the publication of a pair of seminal Harvard Business Review articles in the mid 1960 s Jack Treynor has developed thinking that has greatly influenced security selection portfolio construction and measurement and market efficiency Key publications addressed such topics as the Capital Asset Pricing Model and stock selection modeling and integration with risk models Treynor also served as editor of the Financial Analysts Journal through which he wrote many columns across a wide spectrum of topics This volume showcases original essays by leading researchers and practitioners exploring the topics that have interested Treynor while applying the most current methodologies Such topics include the origins of portfolio theory market timing and portfolio construction in equity markets The result not only reinforces Treynor s lasting contributions to the field but suggests new areas for research and analysis   Investment Strategies Bill Jiang,2022-11-25 This book is a practical and unique investment resource designed to guide investors towards successful investing in the financial markets It provides a selection of time tested investment strategies to help investors enhance returns Factor investing is positioned between active management and passive investing to combine their advantages The book provides comprehensive coverage of common style factors such as quality and momentum in response to the rising investor interest in factor strategies It presents a detailed description of the multifactor approach regarding its principle investment merits and construction methods The book also covers sustainable investing as it continues to rise in prominence across the investment sector It employs an abundance of financial data real cases and practical examples to help the audience understand different investment strategies in an interesting and informative way The book is primarily written for private investors and investment practitioners such as equity analysts and investment advisors It is also suitable for university students who are interested in learning practical investment strategies and traditional asset classes   Advances in Active Portfolio Management: New Developments in Quantitative Investing Richard C. Grinold,Ronald N. Kahn,2019-09-13 From the leading authorities in their field the newest most effective tools for avoiding common pitfalls while maximizing profits through active portfolio management Whether you re a portfolio manager financial adviser or investing novice this important follow up to the classic guide to active portfolio

management delivers everything you need to beat the market at every turn Advances in Active Portfolio Management gets you fully up to date on the issues trends and challenges in the world of active management and shows how to apply advances in the Grinold and Kahn s legendary approach to meet current challenges Composed of articles published in today s leading management publications including several that won Journal of Portfolio Management s prestigious Bernstein Fabozzi Jacobs Levy Award this comprehensive guide is filled with new insights into Dynamic Portfolio Management Signal Weighting Implementation Efficiency Holdings based attribution Expected returns Risk management Portfolio construction Fees Providing everything you need to master active portfolio management in today s investing landscape the book is organized into three sections the fundamentals of successful active management advancing the authors framework and applying the framework in today s investing landscape The culmination of many decades of investing experience and research Advances in Active Portfolio Managementmakes complex issues easy to understand and put into practice It s the one stop resource you need to succeed in the world of investing today **Portfolio and Investment Analysis with SAS** John B. Guerard,Ziwei Wang,Ganlin Xu,2019-04-03 Choose statistically significant stock selection models using SAS Portfolio and Investment Analysis with SAS Financial Modeling Techniques for Optimization is an introduction to using SAS to choose statistically significant stock selection models create mean variance efficient portfolios and aggressively invest to maximize the geometric mean Based on the pioneering portfolio selection techniques of Harry Markowitz and others this book shows that maximizing the geometric mean maximizes the utility of final wealth The authors draw on decades of experience as teachers and practitioners of financial modeling to bridge the gap between theory and application Using real world data the book illustrates the concept of risk return analysis and explains why intelligent investors prefer stocks over bonds The authors first explain how to build expected return models based on expected earnings data valuation ratios and past stock price performance using PROC ROBUSTREG They then show how to construct and manage portfolios by combining the expected return and risk models Finally readers learn how to perform hypothesis testing using Bayesian methods to add confidence when data mining from large financial databases **Handbook Of Applied Investment Research** John B Guerard Jr,William T Ziemba,2020-10-02 This book introduces the readers to the rapidly growing literature and latest results on financial fundamental and seasonal anomalies stock selection modeling and portfolio management Fifty years ago finance professors taught the Efficient Markets Hypothesis which states that the average investor could not outperform the stock market based on technical seasonal and fundamental data Many if not most faculty and investors no longer share that opinion In this book the authors report original empirical evidence that applied investment research can produce statistically significant stock selection and excess portfolio returns in the US and larger excess returns in international and emerging markets **Optimizing Environmental, Social and Governance Factors in Portfolio Construction** Zoltán Nagy,2013 Institutional investors wanting to integrate Environmental Social and Governance ESG factors in their investment strategies

need the right tools to measure portfolio risk characteristics and performance MSCI s BarraOne and Barra Portfolio Manager can provide this utility with Intangible Value Assessment IVA ratings from MSCI ESG Research In this study we examine the use of IVA ratings with the Barra Global Equity Model GEM3 to build optimized portfolios with improved ESG ratings while keeping risk performance country industry and style characteristics similar to conventional benchmarks such as the MSCI World Index The currently available dataset of IVA scores allowed us to compare three strategies during the period between February 2008 and December 2012 using current IVA ratings methodology Of the three strategies we found the best active returns during this period were achieved by overweighting firms whose IVA ratings improved over the recent time period showing ESG momentum Underweighting assets with low ESG ratings also raised portfolio performance during this period The highest ESG rated assets had more uneven performance they generally did better in periods of limited risk appetite during this volatile market cycle   **Global Momentum** MSCI. Inc.,2009 This is the fourth in a series of research bulletins marking the launch of the new and enhanced Barra Global Equity Model GEM2 In this piece we focus on characteristics of the global momentum factor Under varying market conditions the performance of the momentum factor will be examined especially in bull versus bear markets In addition the global diversification benefits for this strategy will be analyzed We also consider the implied country and sector tilts in a momentum strategy as well as the interaction between momentum and other style factors such as value and growth   *Global Equity Selection Strategies* Ross Paul Bruner,2014-01-27 Over the past several years the field of international investing has been transformed by a host of new state of the art techniques Quantitative Investing for the Global Markets is the definitive handbook for money and portfolio managers research analysts pension consultants corporate treasurers and other professionals seeking a competitive edge in the global investment marketplace Topics include international asset allocation optimum diversification levels style analysis and evaluation market neutral strategies global stock valuation advanced strategies for hedging currency risk international benchmarking etc

   The Third Quarter Ends with a Blast MSCI. Inc.,2014 The US equity markets showed their strongest gains for any September on record in the 40 year history of the MSCI USA Index Here we highlight a few main observations through the lens of the Barra US Equity Model The Growth story was really a Technology story The Small Cap story was partially a real small cap effect but in fact had an important Volatility story behind it i e small caps benefited from being high beta and high volatility Certain sectors like Health Care and Financial benefited indexes across the board   **The Long-run Performance of Global Equity Offerings** Stephen R. Foerster,G. Andrew Karolyi,Richard Ivey School of Business,1998

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