

An Empirical Evaluation of Dynamic vs. Static Withdrawal Strategies: It's a Dynamic Small World After All.

Ken Johnston
Berry College
Campbell School of Business
Department of Accounting, Economics and Finance
2277 Martha Berry Hwy NW
Mount Berry, GA 30149
kjohnston@berry.edu
(706) 290-2687

John Hatem
Georgia Southern University
College of Business
Department of Finance and Economics
Statesboro, GA30460
jhatem@georgiasouthern.edu
(912) 681-0754

Thomas Carnes
Berry College
Campbell School of Business
Department of Accounting, Economics and Finance
2277 Martha Berry Hwy NW
Mount Berry, GA 30149
tcarnes@berry.edu
(706) 238-7948

Abstract

This study compares simple dynamic withdrawal strategies with the static withdrawal method, examining not only failure rates and ending wealth but also spending. In addition, this study investigates the use of small company stocks in place of large company stocks. Results indicate that use of small stocks is superior to using large stocks in the portfolios. When U.S. historical stock returns are adjusted downward, there is the potential that some dynamic strategies will not ensure income for life. This study demonstrates that the simplest dynamic strategy is superior to two popular dynamic strategies.

JEL classification: G11

Keywords: Retirement Planning; Withdrawals; Small Stock