Journal of Quality Measurement and Analysis *JQMA* 21(1) 2025, 217-235
e-ISSN: 2600-8602 *http://www.ukm.my/jqma*
https://doi.org/10.17576/jqma.2101.2025.14

ANALYSIS OF EARLY RETIREMENT EXPENSES BALANCE FROM THE PERSPECTIVE OF AGE GROUPS

(Analisis Baki Perbelanjaan Awal Persaraan daripada Perspektif Kumpulan Umur)

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ABSTRACT

Many households have trouble managing their finances due to low income, growing living costs and poor saving habits. Effective early retirement planning influences long-term financial stability. Therefore, this study endeavors to examine the pattern of household income influence expenditure across five distinct age cohorts to assess retirement savings adequacy. Specifically investigating whether the income-expenditure differentials at different life stages allow for enough wealth accumulation to support sustainable retirement living standards. A total of 1870 household were chosen in this research focus on Selangor state, the most economically significant state in the country with the highest prevalence of bankruptcy. Selangor state with high population density, varied economic environment, and diversified demographic make it perfect microcosm of Malaysia larger socioeconomic fabric, which improves the findings' applicability to the country. This study used non-parametric methods to ensure robust statistical analysis due to the non-normal distribution of data, as identified by the Shapiro-Wilk test and confirmed by the ineffectiveness of transformations. Since income, expenses, and balance were not normal across age groups, even though the sample size was big, non-parametric tests had to be used to make sure the analysis was precise and trustworthy. The results show that household income has a significant impact on balance and spending. This study contributes insightful information to the field of retirement and personal finance studies in providing a foundation for future investigations.

Keywords: retirement planning; saving; income; expenses; non-parametric

ABSTRAK

Sistem pengurusan kewangan tidak terurus di kalangan isi rumah berleluasa dewasa ini ekoran daripada pendapatan yang tidak mencukupi, kos sara hidup yang meningkat dan tiada amalan menyimpan yang betul. Perancangan persaraan awal yang berstruktur memberikan kesan yang mendalam terhadap kestabilan kewangan jangka panjang. Kajian ini bertujuan mengenalpasti corak pendapatan isi rumah terhadap perbelanjaan di kalangan lima kohort umur yang berbeza bagi menilai kecukupan simpanan untuk persaraan. Kajian secara khusus melihat sama ada terdapat perbezaan ketara antara pendapatan dan perbelanjaan pada pelbagai peringkat umur yang membolehkan pengumpulan kekayaan mencukupi untuk menyokong standard kehidupan selepas bersara. Sebanyak 1870 isi rumah telah dipilih dalam penyelidikan ini dimana hanya fokus kepada negeri Selangor, negeri yang paling signifikan dari segi ekonomi di negara ini dengan jumlah kebankrapan tertinggi. Negeri Selangor mempunyai kepadatan penduduk yang tinggi dengan kepelbagaian persekitaran ekonomi serta keadaan demografi yang pelbagai menjadikan ianya mikrokosm yang terbaik bagi sosioekonomi Malaysia yang lebih besar secara tidak langsung menjadi penanda aras kepada negara secara keseluruhan. Kajian ini menggunakan kaedah bukan parametrik untuk memastikan analisis statistik yang kukuh disebabkan oleh taburan data yang tidak normal setelah dikenalpasti dalam ujian Shapiro-Wilk dan disahkan di ketidakberkesanan transformasi. Memandangkan pendapatan, perbelanjaan, dan baki tidak normal merentasi kumpulan umur walaupun saiz sampel yang besar, ujian bukan parametrik lebih sesuai digunakan untuk memastikan analisis adalah lebih tepat dan boleh dipercayai. Penemuan kajian menunjukkan kepentingan pendapatan isi rumah dalam mempengaruhi perbelanjaan dan baki perbelanjaan. Penyelidikan ini menyumbang pandangan terhadapat kewangan individu dan kajian persaraan dengan menyediakan asas terhadap penyelidikan akan datang.

Kata kunci: perancangan persaraan; simpanan; pendapatan; perbelanjaan; bukan parametrik

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Received: 28 October 2024
Accepted: 14 December 2024

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