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**KEMAMPUAN PEMILIKAN PERUMAHAN AWAM
DI KUALA LUMPUR**

NORIZAN BINTI RAMELI



UUM
Universiti Utara Malaysia

**IJAZAH DOKTOR FALSAFAH
UNIVERSITI UTARA MALAYSIA
2017**

**KEMAMPUAN PEMILIKAN PERUMAHAN AWAM
DI KUALA LUMPUR**

NORIZAN BINTI RAMELI (94123)



**Tesis ini dikemukakan kepada Ghazali Shafie Graduate School of Government,
bagi memenuhi syarat untuk Penganugerahan Ijazah Doktor Falsafah
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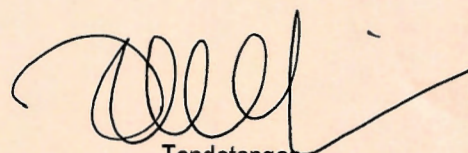
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KEBENARAN MENGGUNA

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Sebarang permohonan untuk menyalin atau mengguna mana-mana bahan dalam tesis ini, sama ada sepenuhnya atau sebahagiannya, hendaklah dialamatkan kepada:



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ABSTRAK

Kemampuan pemilikan rumah merupakan isu perumahan yang sering dibahaskan di peringkat global. Pertambahan golongan berpendapatan rendah di bandar telah menyebabkan tahap kemampuan pemilikan semakin berkurang. Tambahan pula, golongan berpendapatan rendah lebih cenderung untuk berhadapan dengan masalah kemampuan yang kritikal berbanding kelas pendapatan lain. Sehubungan itu, kajian ini memfokuskan secara spesifik isu kemampuan pemilikan rumah dengan menilai tahap kemampuan pemilikan rumah oleh golongan berpendapatan rendah di Kuala Lumpur di samping faktor yang mempengaruhi kemampuan pemilikan rumah oleh mereka. Faktor sosioekonomi menjadi tumpuan kajian merangkumi faktor jumlah pendapatan, jumlah perbelanjaan, jenis pekerjaan, tahap pendidikan, bilangan tanggungan, bayaran bulanan perumahan dan tabungan. Kaedah *mixed-method* diaplikasi untuk mengumpul dan menginterpretasi data. Teknik persampelan berstrata digunakan untuk data kuantitatif melibatkan 400 ketua isi rumah mengikut zon perumahan. Teknik persampelan bertujuan pula digunakan untuk pengumpulan data kualitatif yang melibatkan tiga orang partisipan. Seterusnya, data dianalisis menggunakan kaedah binari regresi logistik dan analisis kandungan. Hasil kajian mendapati golongan berpendapatan rendah berkemampuan memiliki rumah di perumahan awam Kuala Lumpur apabila isi rumah mempunyai baki pendapatan yang positif setelah menjelaskan perbelanjaan perumahan dan perbelanjaan bukan perumahan bulanan. Tahap kemampuan ini dikukuhkan dengan faktor jumlah pendapatan, jumlah perbelanjaan dan bilangan tanggungan yang mempengaruhi kemampuan pemilikan rumah secara signifikan. Justeru, intervensi kerajaan melalui program meningkatkan status sosioekonomi dan penyertaan aktif isi rumah didapati berupaya mengukuhkan dan meningkatkan kemampuan pemilikan rumah bagi golongan berpendapatan rendah di perumahan awam Kuala Lumpur.

Kata kunci: Kemampuan pemilikan rumah, perumahan awam, golongan berpendapatan rendah, Kuala Lumpur

ABSTRACT

Homeownership affordability is a housing issue frequently debated globally. An increase of low-income groups in urban areas has driven decreased the homeownership affordability. Furthermore, low-income groups are more inclined to face critical affordability issues rather than other income classes. Therefore, this study specifically focuses on affordability issue by analysing the homeownership affordability level of low-income groups in Kuala Lumpur and factors that affect homeownership affordability. Socioeconomic factors are the focus of this study which includes household income, household expenditures, type of employment, level of education, number of households, monthly housing costs and savings. This study utilizes mixed method approach towards data collection process and interpretation. Stratified sampling technique is used for quantitative data involving 400 households in residential zones. Purposive sampling technique is used for qualitative data collection which involving three participants. The data is analyzed using binary logistic regression method and content analysis. This study found that low-income groups can afford to own public housing units in Kuala Lumpur when household has positive residual income after housing expenditure and non-housing expenditures monthly. This affordability level is strengthen by factors of household income, household expenditures and number of households that significantly affects homeownership affordability. Therefore, policy intervention through programmes to increase sosio-economic status and active participation from households is seen to strenghten and improve homeownership affordability among low-income groups in Kuala Lumpur's public housing.

Keywords: Homeownership affordability, public housing, low income group, Kuala Lumpur

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SENARAI SINGKATAN

AKPK	Agensi Kredit dan Pengurusan Kewangan
CPF	Kumpulan Wang Tabungan Pusat
DBKL	Dewan Bandaraya Kuala Lumpur
EU	Kesatuan Eropah
ERG	Existence, Relatedness and Growth
HDB	Housing Development Board
HKHA	Lembaga Perumahan Hong Kong
HPF	Housing Provident Funds
HUD	Housing Urban Development
ICU	Unit Penyelarasan Pelaksanaan
IPT	Institusi Pengajian Tinggi
JKM	Jabatan Kebajikan Masyarakat
JPM	Jabatan Perdana Menteri
JPN	Jabatan Perumahan Negara
JPPPK	Jabatan Pengurusan Perumahan dan Pembangunan Komuniti
KIR	Ketua Isi Rumah
KL	Kuala Lumpur
KPKT	Kementerian Kesejahteraan Bandar, Perumahan dan Kerajaan Tempatan
kps	kaki per segi
KWSP	Kumpulan Wang Simpanan Pekerja
MTEN	Majlis Tindakan Ekonomi Negara
NGO	Non Government Organization
PA	Perumahan Awam
PBR	Program Bantuan Rumah
PEMANDU	Performance Management and Delivery Unit
PIR	Price to Income Ratio
POI	Percentage of Income
PPA1M	Perumahan Penjawat Awam 1Malaysia

PPR	Program Perumahan Rakyat
RIR	Rent to Income Ratio
RMK10	Rancangan Malaysia Kesepuluh
RMK11	Rancangan Malaysia Kesebelas
RMR1M	Rumah Mesra Rakyat 1Malaysia
SPNB	Syarikat Perumahan Negara Berhad
SPWP	Syarikat Perumahan Wilayah Persekutuan
UK	United Kingdom
US	United States



BAB 1

PENDAHULUAN

1.1 Pengenalan

Kemampuan pemilikan menjadi agenda penting bagi majoriti negara di peringkat global. Keperluan manusia untuk memiliki rumah sebagai keperluan asas yang perlu dipenuhi meletakkan isu kemampuan pemilikan sentiasa diberi tumpuan dan dibahaskan sepanjang tahun. Keperluan kepada rumah menjadi keutamaan masyarakat untuk meneruskan kehidupan. Rumah menjadi tempat berlindung, menjalinkan hubungan kekeluargaan dan lokasi penting untuk menenangkan fikiran dan beristirahat. Bukan itu sahaja, rumah juga menjadi salah satu indikator kesejahteraan hidup yang meliputi kestabilan sosial dan ekonomi masyarakat. Keperluan kepada rumah menjadi keutamaan masyarakat untuk meneruskan kehidupan terutama mereka yang telah berkeluarga.

Sehubungan itu, setiap masyarakat berusaha memiliki rumah yang selesa, selamat dan mampu dimiliki. Hal ini menyebabkan permintaan terhadap perumahan kian meningkat saban tahun terutamanya di bandar. Peningkatan ini dirangsang oleh kepesatan proses urbanisasi yang meningkatkan jumlah penduduk di kebanyakan bandar. Imigrasi penduduk terutamanya golongan berpendapatan rendah ke bandar menyumbang kepada kepadatan penduduk di bandar. Akses kepada infrastruktur dan

SENARAI RUJUKAN

- Aarland, K., & Nordvik, V. (2009). On the Path to Homeownership : Money, Family Composition and Low-income Households. *Housing Studies*, 24(1), 81–101. <https://doi.org/10.1080/02673030802547439>
- Agensi Kredit dan Pengurusan Kewangan. (2015). *Perbelanjaan berhemah tangani kos sara hidup*. Retrieved from <http://www.akpk.org.my/my>
- Alaghbari, W., Salim, A., Dola, K., & Ali, A. A. A. (2011). Developing affordable housing design for low income in Sana'a, Yemen. *International Journal of Housing Markets and Analysis*, 4(1), 84–98. <https://doi.org/10.1108/17538271111111857>
- Alderfer, Clayton. P. (1969). An Empirical Test of a New Theory of Human Needs. *Organization Behavior and Human Performance*. 4, 142 – 175.
- Aldrich, H. H., & Nelson, F. D. (1984). *Linear probability, logit and probit models*. London: Sage.
- Al-Homoud, M., Al-Oun, S., & Al-Hindawi, A.-M. (2009). The low-income housing market in Jordan. *International Journal of Housing Markets and Analysis*, 2(3), 233–252. doi:10.1108/17538270910977536
- Arimah, B. (1992). Hedonic Prices and the Demand for Housing Attributes in a Third World City: The Case of Ibadan, Nigeria. *Urban Studies*, 29(5), 639–651. <https://doi.org/10.1080/00420989220080601>
- Arimah, B.C. (1997). Determinants of housing tenure choice in Ibadan, Nigeria. *Urban Studies*, Vol. 34 No. 1, pp. 105-124.
- Ary, D., Jacobs, L. C., & Razavieh, A. (2002). *Introduction to research in education*. Sixth Edition. USA : Wadsworth Group.
- Atterhog, M. (2005). Importance of government policies for home ownership rates An international survey and analysis. *Swedish Royal Institute of Technology Stockholm*, 54.
- Atterhog, M., & Song, H. (2009). A Survey of Policies that may Increase Access to Home Ownership for Low Income Households. *Housing, Theory and Society*, 26(4), 248–270. <https://doi.org/10.1080/14036090802614479>

- Baker, E., Lester, L., & Beer, A. (2013). *Housing Assistance: Exploring Benefits Beyond Shelter*. SAGE Open. <https://doi.org/10.1177/2158244013491949>
- Barnett, V. (2002). *Sample survey: Principles & methods (3rd edition)*. Arnold London.
- Belsky, E. S. (2009). Demographics, Markets, and the Future of Housing Demand. *Journal of Housing Research*, 18(2), 99–119.
- Benjamin, L., Rubin, J. S., & Zielenbach, S. (2004). Community Development Financial Institutions: Current Issues and Future Prospects. *Journal of Urban Affairs*, 26(2), 177–195. <https://doi.org/10.1111/j.0735-2166.2004.00196.x>
- Bentzien, V., Rottke, N., & Zietz, J. (2012). Affordability and Germany's low homeownership rate. *International Journal of Housing Markets and Analysis*, 5(3), 289–312. <https://doi.org/10.1108/17538271211243616>
- Bentzinger, A. L., & Cook, C. C. (2012). On The Path To Homeownership: Low Income Owners And Renters In Rural Communities. *Housing and Society*, 39(1), 77–98.
- Blaauboer, M. (2010). Family Background, Individual Resources and the Homeownership of Couples and Singles. *Housing Studies*, 25(4), 441–461. <https://doi.org/10.1080/02673031003711493>
- Boehm, T. P., & Schlottmann, A. M. (2004). The dynamics of race, income, and homeownership. *Journal of Urban Economics*, 55(1), 113–130. <https://doi.org/10.1016/j.jue.2003.08.001>
- Bogdan, R.C., & Biklen, S.K. (2003). *Qualitative Research for Education: An Introduction to Theories and Method*. Boston: Allyn and Bacon. Inc.
- Bourassa, S. C. (1995). The Impacts of Borrowing Constraints on Home-ownership in Australia. *Urban Studies*, 32(7), 1163–1173.
- Bourassa, S. C. (1996). Measuring the Affordability of Home-ownership. *Urban Studies*, 33(10), 1867–1877.
- Bourassa, S. C., & Hoesli, M. (2008). Why Do the Swiss Rent? *The Journal of Real Estate Finance and Economics*, 40(3), 286–309. <https://doi.org/10.1007/s11146-008-9140-4>

- Bramley, G. (2011a). Affordability, poverty and housing need: triangulating measures and standards. *Journal of Housing and the Built Environment*, 27(2), 133–151. <https://doi.org/10.1007/s10901-011-9255-4>
- Bramley, G. (2011b). Affordability, poverty and housing need: triangulating measures and standards. *Journal of Housing and the Built Environment*, 27(2), 133–151. <https://doi.org/10.1007/s10901-011-9255-4>
- Burke, T., & Ralston, L. (2004). Measuring housing affordability. *Australian Housing and Urban Research Institute*, (45).
- Cameron, S., & Tracy, J. (1997). *The Transition to Homeownership: The Importance of Early Career Concerns*. Columbia University, Department of Economics and The Federal Reserve Bank of New York.
- Chaplin, R., & Freeman, A. (1999). Towards an accurate description of affordability. *Urban Studies*, 36(11), 1949–1957.
- Chi, P. S., & Laquatra, J. (1998). Profiles Of Housing Cost Burden In The United States. *Family And Economics Issues*, 19(2), 175-193.
- Chin, L. (2004). *Public Housing Governance in Singapore: Current Issues and Challenges*. National University of Singapore.
- Chiu, R. L. H. (2007). Planning, Land and Affordable Housing in Hong Kong. *Housing Studies*, 22(1), 63–81. doi:10.1080/02673030601024614
- Chiuri, M. C., & Jappelli, T. (2003). Financial market imperfections and home ownership: a comparative study. *European Economic Review*, 47(5), 857–875. [https://doi.org/10.1016/S0014-2921\(02\)00273-8](https://doi.org/10.1016/S0014-2921(02)00273-8)
- Clark, W. a. V., Deurloo, M. C., & Dieleman, F. M. (1994). Tenure Changes in the Context of Micro-level Family and Macro-level Economic Shifts. *Urban Studies*, 31(1), 137–154. <https://doi.org/10.1080/00420989420080081>
- Clark, W.A.V., M.C. Deurloo & F.M. Dieleman (1997) Entry to home-ownership in Germany: some comparisons with the United States. *Urban Studies*, 34: 7-19.
- Clarke, A., & Monk, S. (2011). Residualisation of the social rented sector: some new evidence. *International Journal of Housing Markets and Analysis*, 4(4), 418–437. <https://doi.org/10.1108/17538271111172184>

- Cochran, W. G. (1963). *Sampling Techniques*, 2nd Ed., New York: John Wiley and Sons, Inc.
- Collins, D. et al. (2009). *Portfolios of the Poor: How the World's Poor Live on \$2 a Day*. Princeton: Princeton University Press.
- Creswell, J. W. (1998). *Qualitative inquiry and research design: Choosing among five traditions*. Thousand Oaks: Sage.
- Cruz, P. (2006). Transaction costs and housing affordability in Asia. *International Real Estate Review*, 11(1), 128–150.
- Dani Salleh. (2007). *Urbanisasi Perancangan dan Kawalan*. Sintok, Kedah: Universiti Utara Malaysia.
- DBKL. (2015). *Dewan Bandaraya Kuala Lumpur*. Jabatan Pengurusan Perumahan dan Pembangunan Komuniti: Kuala Lumpur.
- De Groot, C., Manting, D., & Mulder, C. H. (2013). Longitudinal analysis of the formation and realisation of preferences to move into homeownership in the Netherlands. *Journal of Housing and the Built Environment*, 28(3), 469–488. <https://doi.org/10.1007/s10901-012-9320-7>
- Decker, P., & Dewilde, C. (2010). Home-ownership and asset-based welfare: the case of Belgium. *Journal of Housing and the Built Environment*, 25(2), 243–262. <https://doi.org/10.1007/s10901-010-9185-6>
- Demographia. (2015). *11th Annual Demographia International Housing Affordability Survey : 2015*. Canada: The Frontier Centre for Public Policy.
- Deng, L., Shen, Q., & Wang, L. (2009). *Housing Policy and Finance in China : A Literature Review*. U.S. Department of Housing and Urban Development.
- Dieleman, F. M., & Everaers, P. C. J. (1994). From renting to owning: Life course and housing market circumstances. *Housing Studies*, 9, 11–25.
- Dewilde, C. (2011). *The Interplay between Economic Inequality Trends and Housing Regime Changes in Advanced Welfare Democracies: A New Research Agenda*. Amsterdam, AIAS, GINI Discussion Paper 18.
- Doling, J., & Omar, R. (2012). Home Ownership and Pensions in East Asia: The Case of Malaysia. *Journal of Population Ageing*, 5(1), 67–85. <https://doi.org/10.1007/s12062-012-9056-x>

- DTZ Research. (2004). Housing costs and affordability in New Zealand. *Centre for Housing Research Aotearoa New Zealand-Kainga*, (June). Retrieved from <http://www.chranz.co.nz/pdfs/housing-costs-and-affordability-master-report.pdf>
- Fereidouni, H. G. (2012). The role of real estate agents on housing prices and rents: the Iranian experience. *International Journal of Housing Markets and Analysis*, 5(2), 134–144. <https://doi.org/10.1108/17538271211225896>
- Fisher, L. M., & Jaffe, A. J. (2003). Determinants of International Home Ownership Rates. *Housing Finance International*, (September), 34–42.
- Fitzpatrick, S., & Stephens, M. (2007). *An International Review of Homelessness and Social Housing Policy*. Centre for Housing Policy, London: University of York.
- Follain, J. R., & Ling, D. C. (1988). Another Look at Tenure Choice, Inflation and Taxes. *AREUEA Journal*, 16(3).
- Fraenkel, J. R., & Wallen, N. E. (1996). *How to design and evaluate research in education*. Mc Fraw-Hill Inc.
- Friedman, M. (1957). *A Theory of the Consumption*. Princeton: University Press.
- Freeman, A. R., Chaplin & C, Whitehead. (1997). *Rental affordability: A review of international literature*. Cambridge, Property Research Unit, University of Cambridge, Discussion Paper 88.
- Fu, Q. (2015). The persistence of power despite the changing meaning of homeownership: An age-period-cohort analysis of urban housing tenure in China, 1989-2011. *Urban Studies*. <https://doi.org/10.1177/0042098015571240>
- Gabriel, M., Jacobs, K., Arthurson, K., Burke, T., & Yates, J. (2005). Conceptualising and measuring the housing affordability problem. *Australian Housing and Urban Research Institute*, (May).
- Gan, C., Hu, B., Gao, C., Kao, B., & Cohen, D. a. (2014). An empirical analysis of homeownership in urban China. *Journal of Asia Business Studies*, 8(1), 1–17. <https://doi.org/10.1108/JABS-01-2012-0005>

- Gates, S. W., Perry, V. G. & Zorn, P. M. (2002). Automated underwriting in mortgage lending: Good news for the underserved? *Housing Policy Debate*, 13(2), pp. 369–392.
- Gibb, K. (2011). Delivering new affordable housing in the age of austerity: housing policy in Scotland. *International Journal of Housing Markets and Analysis*, 4(4), 357–368. <https://doi.org/10.1108/17538271111172157>
- Gibler, K. M., & Iii, J. S. C. (2011). Testing a forecast model to predict movement of older Americans into retirement housing. *International Journal of Housing Markets and Analysis*, 4(1), 18–30. <https://doi.org/10.1108/17538271111111811>
- Glaeser, E. L., & Gyourko, J. (2003). The Impact of Building Restrictions on Housing Affordability. *FRBNY Policy Review*, (June), 21–39.
- Goodman, A. (1988). An econometric model of housing price, permanent income, tenure choice and housing demand. *Journal of Urban Economics*, Vol. 23, pp. 327-54.
- Gujerati, D. N. (2003). *Basic Econometrics*. (4th Ed.) New York: McGraw Hill.
- Gwin, C. R., & Ong, S.-E. (2008). Do we really understand homeownership rates? An international study. *International Journal of Housing Markets and Analysis*, 1(1), 52–67. <https://doi.org/10.1108/17538270810861157>
- Gyourko, J. (2003). Access to home ownership in the United States: the impact of changing perspectives on constraints to tenure choice. In O’Sullivan, Tony, Gibb, Kenneth (Eds.), *Housing Economics & Public Policy*. Blackwell Science Ltd., Oxford.
- Gyourko, J. and Linneman, P. (1993) Affordability of the American Dream: an examination of last 30 years. *Journal of Housing Research*, 4(1), pp. 39-72.
- Gyourko, J. and Linneman, P. (1996). Analysis of Changing Influences on Traditional Households’ Ownership Patterns. *Journal of Urban Economics*, 39(3), 318–41.
- Gyourko, J. and Linneman, P. (1997). The Changing Influences of Education, Income, Family Structure and Race on Homeownership by Age over Time. *Journal of Housing Research*, 8: pp. 1-26.

- Gyourko, J., Linneman, P., & Wachter, S. (1999). Analyzing the Relationships among Race, Wealth, and Home Ownership in America. *Journal of Housing Economics*, 8, 63–89.
- Haffner, M. E. A., & Boumeester, H. J. F. M. (2010). The Affordability of Housing in the Netherlands: An Increasing Income Gap Between Renting and Owning?. *Housing Studies*, 25(6), 799–820. <https://doi.org/10.1080/02673037.2010.511472>
- Haffner, M., & Heylen, K. (2011). User Costs and Housing Expenses. Towards a more Comprehensive Approach to Affordability. *Housing Studies*, 26(04), 593–614. <https://doi.org/10.1080/02673037.2011.559754>
- Hancock, K. E. (1993). Can't pay? Won't pay? The economic principles of affordability. *Urban Studies*, 30(1), 127–145.
- Haurin, Donald R. (1991). Income Variability, Homeownership, and Housing Demand. *Journal of Housing Economics*, 1, 60- 74.
- Helderman, A. C. (2007). Once a homeowner, always a homeowner? An analysis of moves out of owner-occupation. *Journal of Housing and the Built Environment*, 22(3), 239–261. <https://doi.org/10.1007/s10901-007-9085-6>
- Helderman, A. C., Ham, M. Van, & Mulder, C. H. (2000). Homeownership and migration. *Centre for Urban and Communities Studies*. University of Toronto.
- Herbert, C. E., & Belsky, E. S. (2006). *The Homeownership Experience of Low-Income and Minority Families A Review and Synthesis of the Literature*. Retrieved from http://www.huduser.org/publications/pdf/hisp_homeown9.pdf
- Herzberg, Frederick. (1966). *Work and the Nature of Man*. Cleveland: World Publishing Company.
- Ho, D. K. H., & Hui, E. C. M. (2008). Public housing policy: The gradual privatization of the HDB (Housing and Development Board) mortgage loan. *Property Management*, 26(3), 152–170. <https://doi.org/10.1108/02637470810879215>
- Hoek-Smit, M. C. (2011). Government Policies and Their Implications for Housing Finance. In D. Köhn & J. D. Pischke (Eds.), *Housing Finance in Emerging Markets* (pp. 49–81). Berlin, Heidelberg: Springer Berlin Heidelberg. <https://doi.org/10.1007/978-3-540-77857-8>

- Hoekstra, J., Heras Saizarbitoria, I., & Etxezarreta Etxarri, A. (2009). Recent changes in Spanish housing policies: subsidized owner-occupancy dwellings as a new tenure sector? *Journal of Housing and the Built Environment*, 25(1), 125–138. <https://doi.org/10.1007/s10901-009-9169-6>
- Hulchanski, J. D. (2002). *Housing Policy for Tomorrow's Cities*. Retrieved May 9, 2015, from <http://www.urbancenter.utoronto.ca/pdfs/elibrary/CPRNHousingPolicv.pdf>.
- Hulchanski, J. D. (1995). The Concept of Housing Affordability - 6 Contemporary Uses of the Housing Expenditure-To-Income Ratio. *Housing Studies*, 10(4), 471–491. <https://doi.org/10.1080/02673039508720833>
- Hui, E.C.M. (2001). Measuring affordability in public housing from economic principles: Case study of Hong Kong. *Journal of Urban Planning and Development*, 127(1): 34–49.
- Ibem, E. O. (2012). Residents' perception of the quality of public housing in urban areas in Ogun State, Nigeria. *International Journal of Quality & Reliability Management*, 29(9), 1000–1018. <https://doi.org/10.1108/02656711211272917>
- Ingaramo, L., & Sabatino, S. (2011). Social housing: new demand, new tools: Affordable finance for affordable housing through real estate ethical funds. *International Journal of Housing Markets and Analysis*, 4(4), 369–393. <https://doi.org/10.1108/17538271111172166>
- Israel, G.D. (2009). Determining Sample Size. Program Evaluation and Organizational Development, IFAS, University of Florida. PEOD6.
- Jabatan Perangkaan Malaysia. (2009). Laporan Penyiasatan Pendapatan Isi Rumah dan Kemudahan Asas. Jabatan Perangkaan Malaysia. Putrajaya.
- Jabatan Perdana Menteri. (2004). Kualiti Hidup Malaysia. Kuala Lumpur: Malaysia.
- Jabatan Perumahan Negara. (2010). Dasar Perumahan Negara. Kuala Lumpur: Kementerian Perumahan dan Kerajaan Tempatan.
- Jabatan Perumahan Negara (2016) Laporan Perangkaan Suku Tahun Pertama 2016. Kementerian Kesejahteraan Bandar, Perumahan dan Kerajaan Tempatan. Kuala Lumpur.

- Jacobs, K., Atkinson, R., Colic-peisker, V., Berry, M., Spinney, A., & Dalton, T. (2010). What future for public housing? A critical analysis. *Australian Housing and Urban Research Institute*, (February).
- Jewkes, M. D., & Delgadillo, L. M. (2010). Weaknesses of Housing Affordability Indices Used by Practitioners. *Association for Financial Counseling and Planning Education*, 43–52.
- Jones, C., Watkins, C., & Watkins, D. (2011). Measuring local affordability: variations between housing market areas. *International Journal of Housing Markets and Analysis*, 4(4), 341–356. <https://doi.org/10.1108/17538271111172148>
- Junaidi Awang Besar, Rosmadi Fauzi, & Amer Saifude Ghazali. (2012). Penilaian awal impak pelaksanaan Dasar Perumahan Negara terhadap sektor perumahan di Kuala Lumpur Preliminary assessment of the impact of the National Housing Policy on the housing sector in Kuala Lumpur. *Malaysia Journal of Society and Space*, 6(6), 90–108.
- Kementerian Kesejahteraan Bandar, Perumahan dan Kerajaan Tempatan. (2016). Dasar Perbandaran Negara. Kuala Lumpur.
- Kementerian Wilayah Persekutuan dan Kesejahteraan Bandar. (2013). Dasar Rumah Mampu Milik Wilayah Persekutuan (RUMAWIP). Malaysia.
- Krejcie, R., & Morgan, D. (1970). Determining Sample Size for Research Activities. *Educational and Psychological Measurement*, 30, 607-610.
- Kuang, W., & Li, X. (2012). Does China face a housing affordability issue? Evidence from 35 cities in China. *International Journal of Housing Markets and Analysis*, 5(3), 272–288. <https://doi.org/10.1108/17538271211243607>
- Kupke, V., & Rossini, P. (2011). Housing affordability in Australia for first home buyers on moderate incomes. *Property Management*, 29(4), 357–370. <https://doi.org/10.1108/02637471111154809>
- Kutty, N. K. (2005). A new measure of housing affordability: Estimates and analytical results. *Housing Policy Debate*, 16(February), 113–142. <https://doi.org/10.1080/10511482.2005.9521536>
- Lau, K. M., & Li, S.-M. (2006). Commercial housing affordability in Beijing, 1992–2002. *Habitat International*, 30(3), 614–627.

- Lauridsen, J., Nannerup, N., & Skak, M. (2008). Dynamic and Geographic Variation in Determinant Effects on Home Ownership. Discussion Papers on Business and Economics, 5.
- Lerman, D.L. & Reeder, W.J. (1987). The affordability of adequate housing. *American Real Estate and Urban Economics Association Journal*, 15(4), 389–404.
- Lerman, R. I., & Hendey, L. (2011). Improving Home Affordability through Low Interest Rates. *Urban Institute*, 19.
- Li, R. Y. M. (2015). Generation X and Y's demand for homeownership in Hong Kong. *Pacific Rim Property Research Journal*, 21(1), 15–36. <https://doi.org/10.1080/14445921.2015.1026195>
- Linneman, P. & Megbolugbe, I. (1992) Housing affordability: myth or reality?, *Urban Studies*, 29(3/4), pp. 369–392.
- Linneman, P., & Megbolugbe, I. (1994). Privatisation and Housing Policy. *Urban Studies*, 31(4-5), 635–651. <https://doi.org/10.1080/00420989420080611>
- Linneman, P., Megbolugbe, I. F., Wachter, S. M., & Cho, M. (1997). Do Borrowing Constraints Change U.S. Homeownership Rates? *Journal of Housing Economics*, 6, 318–333.
- Linneman, P., & Wachter, S. (1989). The Impacts of Borrowing Constraints on Homeownership. *Real Estate Economics*, 17(4), 389–402. <https://doi.org/10.1111/1540-6229.00499>
- Luffman, J. (2006). Measuring housing affordability. *Perspective*. Canada.
- Malpezzi, S., & Stephen K. Mayo. (1987). The Demand for Housing in Developing Countries: Empirical Estimates from Household Data. *Economic Development and Cultural Change World Bank*, 687–721.
- Manfred, C., & Bergman, M. (2013). 5 Methodological Issues in Conducting Mixed Methods Research Designs. In M. M. Bergman (Ed.), *Advances in Mixed Methods Research* (pp. 66–84). London: SAGE Publications Ltd.
- Maslow, A.H. (1954). *Motivation and Personality*. New York: Harper & Row.

- Maziah Ismail & Noralfishah Sulaiman. (2005). Conceptual Overview in Providing Affordable Quality Housing for Malaysia: Policies and Legal Perspective. *Housing Research Centre (HRC) Buletin*. Universiti Putra Malaysia. Kuala Lumpur.
- McClelland, David. C. (1961). *The Achieving Society*. New York: Van Nostrand & Company.
- McCord, M., McGreal, S., Berry, J., Haran, M., & Davis, P. (2011). The implications of mortgage finance on housing market affordability. *International Journal of Housing Markets and Analysis*, 4(4), 394–417. <https://doi.org/10.1108/17538271111172175>
- McKee, K. (2012). Young People, Homeownership and Future Welfare. *Housing Studies*, 27(6), 853–862. <https://doi.org/10.1080/02673037.2012.714463>
- Mengjie, L., Reed, R., & Wu, H. (2008). Challenges facing housing affordability in Beijing in the twenty-first century. *International Journal of Housing Markets and Analysis*, 1(3), 275–287. <https://doi.org/10.1108/17538270810895114>
- Merriam, S.B. (1998). *Case Study Research in Education: A Qualitative Approach*. California: Jossey Bass Publishers.
- Merriam, S. B. (2001). *Qualitative research & case study applications in education*. San Francisco: Jossey – Bass Pub.
- Miles, M.B. & Huberman, A.M. (1994). *Qualitative Data Analysis: An Expanded Sourcebook*. Thousand Oaks, CA: Sage Publications.
- Miller, J. D. (2004). Public Understanding of, and Attitudes toward, Scientific Research: What We Know and What We Need to Know. *Public Understanding of Science*, 13(3), 273–294. <https://doi.org/10.1177/0963662504044908>
- Modigliani, F. & R. Brumberg. (1954). Utility Analysis and the Consumption Function: An Interpretation of Cross-section Data, Chapter 15 in K. Kurihara (ed.), *Post-Keynesian Economics*. Rutgers University Press: New Brunswick, New Jersey, pp. 388-436.
- Mohd Razali Agus. (2001). *Perumahan Awam di Malaysia: Dasar dan Amalan*. Kuala Lumpur: Utusan Publications and Distributors Sdn. Bhd.

- Mohd Razali Agus. (2002). The role of state and market in the Malaysian housing sector. *Journal of Housing and the Built Environment*, 17(1), 49.
- Mohit, M. A., & Nazyddah, N. (2011). Social housing programme of Selangor Zakat Board of Malaysia and housing satisfaction. *Journal of Housing and the Built Environment*, 26(2), 143–164. <https://doi.org/10.1007/s10901-011-9216-y>
- Monk, S. (2009). Understanding the demand for social housing in the United Kingdom: Some implications for policy. *International Journal of Housing Markets and Analysis*, 2(1), 21–38. <https://doi.org/10.1108/17538270910939547>
- Moore, D. J. (1990). Forecasting the Probability of Homeownership : A Cross-Sectional Regression Analysis. *Journal of Housing Research*, 2(2), 125–143.
- Mulder, C. H., & Smits, A. (2012). Inter-generational ties, financial transfers and home-ownership support. *Journal of Housing and the Built Environment*. <https://doi.org/10.1007/s10901-012-9302-9>
- Newstrom, John. W. and Davis, Keith. (1993). *Organization Behavior, Human Behavior at Work*, 9th ed. New Jersey: McGraw-Hill
- Niu, Y. (2008). The performance and problems of affordable housing policy in China: The estimations of benefits, costs and affordability. *International Journal of Housing Markets and Analysis*, 1(2), 125–146. <https://doi.org/10.1108/17538270810877763>
- Nor Aini Salleh. (2011). *Kemampuan dan Kepuasan Penyewa di Perumahan Awam dan Kaitannya dengan Tunggakan Sewa*. Thesis Ph.D, Universiti Sains Malaysia, Pulau Pinang.
- Nor'aini Yusof (2007). *Pemaju Swasta dan Perumahan Kos Rendah*. Penerbit Universiti Sains Malaysia. Pulau Pinang.
- Noraliah Idrus & Ho Chin Siong (2008, June). *Affordable and quality housing through the low cost housing provision in Malaysia*. In Seminar of Sustainable development and Governance. Department of Civil Engineering, and Architecture, Toyohashi University of Technology.
- Nor Ermawati Hussain, Norehan Abdullah, & Hussin Abdullah. (2015). Hubungan Migrasi Dalaman dengan Faktor-Faktor Penarik. *Jurnal Ekonomi Malaysia*, 49(2).

- Nor Malina, M., & Azrina, H. (2012). Pemilikan Rumah dalam Kalangan Masyarakat Bandar Berpendapatan Sederhana dan Rendah di Malaysia. *Sosiohumanika*, 5(2), 269–284.
- Norazmawati Md. Sani. (2012). Affordable House in Kuala Lumpur, Malaysia. *International Journal of Academic Research*, 4(3), 75–83.
- Norazmawati, M. S. (2007). *Kemampuan pemilikan rumah kos rendah di Kuala Lumpur*. Thesis Ph.D, Universiti Sains Malaysia, Pulau Pinang.
- Nunnally, J. (1978). *Psychometric theory*. McGraw-Hill, New York, NY.
- Nwuba, C. C., Kalu, I. U., & Umeh, J. a. (2015). Determinants of homeownership affordability in Nigeria's urban housing markets. *International Journal of Housing Markets and Analysis*, 8(2), 189–206. <https://doi.org/10.1108/IJHMA-06-2014-0020>
- Oakley, D., Ward, C., Reid, L., & Ruel, E. (2011). The Poverty Deconcentration Imperative and Public Housing Transformation. *Sociology Compass*, 9(5), 824–833.
- Othman Talib. (2013). *Asas Penulisan Tesis Penyelidikan & Statistik (1st Ed.)*. Serdang, Selangor: Universiti Putra Malaysia.
- Othman Talib. (2016). *SPSS Analisis Data Kuantitatif untuk Penyelidik Muda*. Bandar Baru Bangi, Selangor: MPWS Rich Publication.
- Palomera, J. (2014). How Did Finance Capital Infiltrate the World of the Urban Poor? Homeownership and Social Fragmentation in a Spanish Neighborhood. *International Journal of Urban and Regional Research*, 38(1), 218–235. <https://doi.org/10.1111/1468-2427.12055>
- Paris, C. (2007). International perspectives on planning and affordable housing. *Housing Studies*, Vol. 22 No. 1, pp. 1-9.
- Patton, M. Q. (2002). *Qualitative research and evaluation methods*. Thousand Oaks: Sage Publications.
- PEMANDU (2012). *Program Transformasi Kerajaan: Pelan Hala Tuju*. Putrajaya: Kerajaan Malaysia.
- Phang, S.Y. (2001). Housing Policy, Wealth Formation and the Singapore Economy. *Housing Studies*, 16(4), 443–459. <https://doi.org/10.1080/0267303012006654>

- Phang, S.Y. (2007). The Singapore Model of Housing and the Welfare State. In Groves, R., Murie, A. and Watson, C. (Eds.). *Housing and the New Welfare State, Perspectives from East Asia and Europe*. Ashgate:England.
- Phang, S.Y. (2010). Affordable homeownership policy: Implications for housing markets. *International Journal of Housing Markets and Analysis*, 3(1), 38–52. <https://doi.org/10.1108/17538271011027069>
- Pindyck, R. S. & Rubinfeld, D. L. (1976). *Econometric Models and Economic Forecasts*. Mc Graw- Hill.
- Poon, J., & Garratt, D. (2012). Evaluating UK housing policies to tackle housing affordability. *International Journal of Housing Markets and Analysis*, 5(3), 253–271. <https://doi.org/10.1108/17538271211243599>
- Porteous, D. (2011). Housing Finance and Financial Inclusion. In D. Köhn & J. D. Pischke (Eds.), *Housing Finance in Emerging Markets: Connecting Low-Income Groups to Markets* (pp. 7–48). Berlin, Heidelberg: Springer Berlin Heidelberg. <https://doi.org/10.1007/978-3-540-77857-8>
- Proxenos, S. (2002). Homeownership Rates: A Global Perspective. *Housing Finance International*, 17(2), 3–7.
- Quigley, J. M., & Raphael, S. (2004). Is Housing Unaffordable? Why Isn't It More Affordable?. *Journal of Economic Perspectives*, 18(1), 191–214. <https://doi.org/10.1257/089533004773563494>
- Riley, S. F., Ru, H., & Feng, Q. (2013). The User Cost of Low-Income Homeownership. *The Journal of Regional Analysis and Policy*, 43(2), 123–137.
- Robbins, S., Bergman, R., Stagg, I., & Coulter, M. (2006). *Management (4th ed.)*. Frenchs Forest, NSW: Pearson.
- Robinson, M., Scobie, G. M., & Hallinan, B. (2006). *Affordability of Housing : Concepts, Measurement and Evidence*. New Zealand Treasury: New Zealand.
- Rozmi Ismail. (2015). *Metodologi Penyelidikan Teori dan Praktis*. Bangi, Selangor: Universiti Kebangsaan Malaysia.

- Scalon, K., & Whitehead, C. (2004). *International trends in housing tenure and mortgage finance*. London: The Council of Mortgage Lenders (CML). Retrieved from www.cml.org.uk/cml/filegrab/pdf_pub_resreps_51full.pdf.pdf?ref=3870
- Schwartz, A. (2011). The credit crunch and subsidized low-income housing: the UK and US experience compared. *Journal of Housing and the Built Environment*, 26(3), 353–374. <https://doi.org/10.1007/s10901-011-9227-8>
- Sekaran, U. (2003). *Research Methods for Business: A Skill Building Approach*. 4th.ed. Singapore: John Wiley & Sons (ASIA) Pte.Ltd.
- Shlay, A. B. (2006). Low-income Homeownership : American Dream or Delusion ? *Urban Studies*, 43(3), 511–531.
- Silverman, R. M. (2009). Nonprofit perceptions of local government performance in affordable housing. *International Journal of Housing Markets and Analysis*, 2(3), 253–262. <https://doi.org/10.1108/17538270910977545>
- Sirat, Morshidi et al (1999). *Low-Cost Housing in Urban Industrial Centres of Malaysia: Issues and Challenges*. Penang: Penerbit USM.
- Skinner, B.F. (1969). *Contingencies of Reinforcement*. New York: Appleton Century Crofts.
- Stone, M. E. (2006a). A Housing Affordability Standard for the UK. *Housing Studies*, 21(4), 453–476. <https://doi.org/10.1080/02673030600708886>
- Stone, M. E. (2006b). What is housing affordability? The case for the residual income approach. *Housing Policy Debate*, 17(1), 151–184. <https://doi.org/10.1080/10511482.2006.9521564>
- Sulong Mohamad. (1984). *Perumahan awam kos rendah di Terengganu: Isu, masalah dan penerimaan masyarakat*. Bangi: Penerbit Universiti Kebangsaan Malaysia
- Swidler, S. (2011). Homeownership: yesterday, today and tomorrow. *Journal of Financial Economic Policy*, 3(1), 5–11. <https://doi.org/10.1108/17576381111116786>
- Tan, T. H. (2007). *Determinants of Homeownership in Malaysia*. Thesis Ph.D, Multimedia University.

- Tan, T. H. (2009). Homeowning Motivation in Malaysia. *Journal of Accounting-Business & Management*, 16(1), 93–112.
- Tan, T. H. (2011). Neighborhood preferences of house buyers: the case of Klang Valley, Malaysia. *International Journal of Housing Markets and Analysis*, 4(1), 58–69. <https://doi.org/10.1108/17538271111111839>
- Tan, T. H. (2012a). Meeting first-time buyers' housing needs and preferences in greater Kuala Lumpur. *Cities*, 29(6), 389–396. <https://doi.org/10.1016/j.cities.2011.11.016>
- Tan, T. H. (2012b). Housing satisfaction in medium- and high-cost housing : The case of Greater Kuala Lumpur, Malaysia. *Habitat International*, 36(1), 108–116. <https://doi.org/10.1016/j.habitatint.2011.06.003>
- Tandoh, F., & Tewari, D. D. (2013). The Determinants of Housing Tenure Choice: Evidence from Micro Data. *Mediterranean Journal of Social Sciences*, 4(13), 597–608. <https://doi.org/10.5901/mjss.2013.v4n13p597>
- Tang, C. P. Y. (2012). Measuring the affordability of housing association rents in England: a dual approach. *International Journal of Housing Markets and Analysis*, 5(3), 218–234. <https://doi.org/10.1108/17538271211243571>
- Thalmann, P. (2003). “House poor” or simply “poor”? *Journal of Housing Economics*, 12(4), 291–317. <https://doi.org/10.1016/j.jhe.2003.09.004>
- Tinsley, H.E.A., & Tinsley, D.J. (1987). Uses of factor analysis in counseling psychology research. *Journal of Counseling Psychology*, 34, 414–424.
- Tu, Y. (1999). *Public Homeownership, Housing Finance and Socioeconomic Development in Singapore*. In The Applied Regional Science Conference (ARSC) (Vol. 11, pp. 100–113). USA: Blackwell Publishers Ltd.
- Turner, T. M., & Luea, H. (2009). Homeownership, wealth accumulation and income status. *Journal of Housing Economics*, 18(2), 104–114. <https://doi.org/10.1016/j.jhe.2009.04.005>
- UN Habitat. (2002). Housing Rights Legislation. Review of International and Legal Instruments. *UN- Habitat*. Nairobi, Kenya.
- UN Habitat. (2005). Homeownership through mortgage finance. *United Nations Human Settlements Programme*. Kenya.

- UN Habitat. (2012). Rental Housing an essential for the urban poor in developing countries. *United Nations Human Settlements Programme*, 1–228.
- Unit Perancang Ekonomi. (1980). *Rancangan Malaysia ke-4 (1981-1985)*. Putrajaya: Percetakan Nasional Malaysia Berhad.
- Unit Perancang Ekonomi. (1985). *Rancangan Malaysia ke-5 (1986-1990)*. Putrajaya: Percetakan Nasional Malaysia Berhad.
- Unit Perancang Ekonomi. (1990). *Rancangan Malaysia ke-6 (1991-1995)*. Putrajaya: Percetakan Nasional Malaysia Berhad.
- Unit Perancang Ekonomi. (1995). *Rancangan Malaysia ke-7 (1996-2000)*. Putrajaya: Percetakan Nasional Malaysia Berhad.
- Unit Perancang Ekonomi. (2000). *Rancangan Malaysia ke-8 (2001-2005)*. Putrajaya: Percetakan Nasional Malaysia Berhad.
- Unit Perancang Ekonomi. (2005). *Rancangan Malaysia ke-9 (2006-2010)*. Putrajaya: Percetakan Nasional Malaysia Berhad.
- Unit Perancang Ekonomi. (2010). *Rancangan Malaysia ke-10 (2011-2015)*. Putrajaya: Percetakan Nasional Malaysia Berhad.
- Unit Perancang Ekonomi. (2015). *Rancangan Malaysia ke-11 (2016-2020)*. Putrajaya: Percetakan Nasional Malaysia Berhad.
- Vale, L. J., & Freemark, Y. (2012). From Public Housing to Public-Private Housing. *Journal of the American Planning Association*, 78(4), 379–402. <https://doi.org/10.1080/01944363.2012.737985>
- Van Leuvensteijn, M., & Koning, P. (2004). The effect of home-ownership on labor mobility in the Netherlands. *Journal of Urban Economics*, 55(3), 580–596. <https://doi.org/10.1016/j.jue.2003.12.001>
- Vroom, Victor. H. (1964). *Work and Motivations*. New York: John Wiley and Sons.
- Whitehead, C., & Monk, S. (2011). Affordable home ownership after the crisis: England as a demonstration project. *International Journal of Housing Markets and Analysis*, 4(4), 326–340. <https://doi.org/10.1108/17538271111172139>

- Whitehead, C.M.E. & Scanlon, K. (2007). *Social Housing in Europe*, London. School of Economics and Political Sciences: London.
- Wiesel, I., Pawson, H., & Stone, W. (2014). Social housing exits: incidence , motivations and consequences authored by. *Australian Housing and Urban Research Institute*, (229).
- Wilcox, S. (2001). *Housing Finance Review 2000/2001*. York: The Chartered Institute of Housing Joseph.
- Winters, S., & Elsinga, M. (2008). The future of Flemish social housing. *Journal of Housing and the Built Environment*, 23(3), 215–230. <https://doi.org/10.1007/s10901-008-9113-1>
- Wood, G., & Ong, R. (2011). Factors Shaping the Dynamics of Housing Affordability in Australia 2001–06. *Housing Studies* (Vol. 26). <https://doi.org/10.1080/02673037.2011.615156>
- Worthington, A. C. (2012). The quarter century record on housing affordability, affordability drivers, and government policy responses in Australia. *International Journal of Housing Markets and Analysis*, 5(3), 235–252. <https://doi.org/10.1108/17538271211243580>
- Yates, J. (2000). Is Australia's home-ownership rate really stable? An examination of change between 1975 and 1994. *Urban Studies*, Vol. 37 No. 2, pp. 319-42.
- Yates, J., Berry, M., Burke, T., Keith Jacobs, Milligan, V., & Randolph, B. (2004). Housing affordability for lower-income Australians: plan. *Australian Housing and Urban Research Institute*, (August).
- Yates, J., & Gabriel, M. (2006). Housing affordability in Australia National Research Venture 3: Housing Affordability for Lower Income Australians. *Australian Housing and Urban Research Institute*, (February), 1–70.
- Yates, J., Randolph, B., Holloway, D. and Murray, D. (2006), Housing Affordability, Occupation and Location in Australian Cities and Regions, *AHURI*, Melbourne.
- Yates, J., Milligan, V., Berry, M., Burke, T., Gabriel, M., Phibbs, P., Randolph, B. (2007). Housing affordability: a 21st century problem. *Australian Housing and Urban Research Institute*, (105), 1–63.

- Yau, Y. (2011). Homeowners' participation in management of multi-storey residential buildings: The Hong Kong's case. *Property Management*, 29(4), 345–356. <https://doi.org/10.1108/02637471111154791>
- Yin, R.K. (2003). *Case study research: Design and methods (2ns ed.)*. Thousand Oaks, CA: Sage
- Yip, N. M.&Lau, K. Y. (2002) Setting rent with reference to tenants' affordability: public housing rent policy in Hong Kong, *Journal of Housing and the Built Environment*, 17(4), pp. 409–418.
- Zhang, S. (2013). Urban Competitiveness and Public Housing. *Asian Social Science*, 9(5), 94–98. <https://doi.org/10.5539/ass.v9n5p94>



LAMPIRAN A



GHAZALI SHAFIE
GRADUATE SCHOOL of GOVERNMENT
UNIVERSITI UTARA MALAYSIA

Borang Soal Selidik

KEMAMPUAN PEMILIKAN PERUMAHAN AWAM DI KUALA LUMPUR

Tuan/Puan,

Dengan hormatnya izinkan saya menarik perhatian Tuan/Puan terhadap perkara di atas.

Untuk makluman Tuan/Puan, saya merupakan pelajar Doktor Falsafah (Pengurusan Pembangunan) Universiti Utara Malaysia yang sedang menjalankan satu kajian berkaitan Kemampuan Pemilikan Perumahan Awam di Kuala Lumpur. Sehubungan itu, sukacita sekiranya pihak Tuan/Puan dapat memberi kerjasama dengan melengkapkan borang soal selidik ini dan memberikan pandangan dan cadangan tambahan, sekiranya ada. Penemuan kajian ini amat berguna untuk mengenalpasti tahap kemampuan pemilikan rumah oleh golongan berpendapatan rendah di Kuala Lumpur.

Kaji selidik ini hanya memerlukan masa sebanyak 10 minit. Maklumat yang dikumpulkan adalah sulit dan akan digunakan untuk penyelidikan akademik sahaja.

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Bahagian A : LATAR BELAKANG KETUA ISI RUMAH

A1. Jantina

1. Lelaki 2. Perempuan

A2. Bangsa

1. Melayu 2. Cina 3. India 4. Lain-lain (Sila nyatakan).

A3. Umur _____ tahun

A4. Taraf perkahwinan

1. Bujang 2. Berkahwin 3. Duda 4. Janda 5. Berpisah

A5. Jenis pekerjaan _____

A6. Sektor pekerjaan

1. Kerajaan 2. Swasta 3. Kerja sendiri 4. Pesara
5. Lain-lain (Nyatakan) _____

A7. Tahap pendidikan

1. Tidak Bersekolah 2. Sekolah Rendah
3. Sekolah Menengah 4. Kolej/Politeknik (Sijil/Diploma)
5. Universiti (Ijazah/Sarjana/Phd) 6. Lain-lain (Nyatakan) _____

A8. Tahap kesihatan

1. Sihat 2. Sedikit kecacatan 3. Hilang keupayaan

Bahagian B : ISI RUMAH

B1. Bilangan Isi Rumah	B2. Bilangan Isi Rumah (Bekerja)	B3. Bilangan Isi Rumah Tidak Bekerja (Tidak Bersekolah)	B4. Bilangan Isi Rumah Tidak Bekerja (Bersekolah)
Hubungan (Nyatakan) :			

B5. Bilangan Isi Rumah Yang Menghidap Penyakit Berpanjangan ? _____

Bahagian C : KEWANGAN KELUARGA

	Pendapatan (RM)		C1. Jumlah Pendapatan (RM)
	Tetap	Sampingan	
Ketua Isi Rumah			
Isteri			
Anak (1)			
Anak (2)			

C2. Sumber Utama Pendapatan :

- | | | |
|----------------------|-------------------------------|----------------------|
| 1. Gaji, Upah, Bonus | 2. Pencen | 3. Bantuan Perumahan |
| 4. Wang Pelaburan | 5. Lain-lain (Nyatakan) _____ | |

C3. Anggaran Kos Perumahan (Bulanan) :

PERKARA	JUMLAH (RM)
Rumah/ Caj penyelenggaraan	
Bil Air	
Bil Elektrik	
Bil Pembentungan	
Lain- lain Kos (Nyatakan) :	
JUMLAH KESELURUHAN (RM)	

C4. Anggaran Perbelanjaan Untuk Bukan Perumahan (Bulanan) :

PERKARA	JUMLAH (RM)
Makanan dan minuman	
Perbelanjaan Sekolah Anak	
Pengangkutan (Petrol, tambang dan tol)	
Penjagaan Anak	
Perubatan	
Pakaian	
Barang-barang Keperluan Diri	
Lain-lain Perbelanjaan (Nyatakan) :	
Bil telefon	
Bayaran pinjaman kenderaan	
Bayaran pinjaman peribadi	
JUMLAH KESELURUHAN (RM)	

C5. Anggaran simpanan bulanan (RM) : _____

Bahagian D: PEMBELIAN RUMAH

- D1. Tahun membeli rumah yang diduduki sekarang _____.
D2. Tahun rumah ini mula diduduki _____.
D3. Harga rumah ketika itu _____.
D4. Pekerjaan tuan/puan ketika membeli rumah ini ? _____.
D5. Pekerjaan sampingan ketika membeli rumah ini? _____.
D6. Pendapatan tuan/puan ketika membeli rumah ini ? _____.
D7. Pendapatan sampingan lain ketika membeli rumah ini? _____.
D8. Bilangan anak ketika membeli rumah ini ? _____ orang.
D9. Anggaran perbelanjaan bulanan keluarga semasa membeli rumah _____.
D10. Anggaran lebihan pendapatan bulanan semasa membeli rumah _____.
D11. Bayaran pendahuluan ketika membeli rumah ini ? _____.
D12. Sumber untuk bayaran pendahuluan ketika membeli rumah ini _____.
D13. Jumlah bayaran bulanan perumahan _____sebulan.
D14. Sumber pinjaman perumahan untuk membeli rumah ini _____.
D15. Tahun pinjaman perumahan dibuat _____ tahun.
D16. Kadar faedah pinjaman ketika pinjaman dibuat _____.
D17. Pengeluaran wang simpanan untuk membiayai rumah ? Ya Tidak
D18. Pengeluaran dana KWSP untuk membiayai rumah ? Ya Tidak

Bahagian E : PANDANGAN RESPONDEN

E1. Kesukaran yang dihadapi ketika membeli rumah ini.

PERKARA	YA	TIDAK
1. Harga rumah yang tinggi.		
2. Bayaran pendahuluan yang tinggi.		
3. Bayaran bulanan perumahan yang tinggi.		
4. Masalah mendapatkan pinjaman perumahan.		
5. Bentuk dan saiz rumah yang tidak memuaskan.		
6. Rumah kos rendah yang tidak mencukupi.		
7. Lokasi perumahan yang tidak strategik.		
8. Wang simpanan KWSP tidak mencukupi.		
9. Wang simpanan peribadi tidak mencukupi.		

E2. Sila beri cadangan yang boleh meningkatkan kemampuan untuk memiliki rumah.

- SEKIAN TERIMA KASIH -

LAMPIRAN B

Logistic Regression
Case Processing Summary

Unweighted Cases ^a		N	Percent
Selected Cases	Included in Analysis	356	100.0
	Missing Cases	0	0.0
	Total	356	100.0
Unselected Cases		0	0.0
Total		356	100.0

a. If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
tidak mampu	0
mampu	1

Block 0: Beginning Block

Classification Table^{a,b}

Observed			Predicted		
			Tahap kemampuan		Percentage Correct
			tidak mampu	mampu	
Step 0	Tahap kemampuan	tidak mampu	0	151	0.0
		mampu	0	205	100.0
	Overall Percentage				57.6

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	0.306	0.107	8.128	1	0.004	1.358

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	jumlahgaji	93.239	1	.000
		bayaranrumah	2.569	1	.109
		jumlahbelanja	2.129	1	.145
		tabungan	7.492	1	.006
		tanggungan	3.760	1	.053
		pekerjaan	2.729	1	.099
		pendidikan	6.079	1	.014
	Overall Statistics		223.989	7	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	435.752	7	0.000
	Block	435.752	7	0.000
	Model	435.752	7	0.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	49.546 ^a	0.706	0.949

a. Estimation terminated at iteration number 11 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	20.062	8	.010

Contingency Table for Hosmer and Lemeshow Test

		Tahap kemampuan = tidak mampu		Tahap kemampuan = mampu		Total
		Observed	Expected	Observed	Expected	
Step 1	1	36	36.000	0	0.000	36
	2	36	36.000	0	0.000	36
	3	35	35.954	1	0.046	36
	4	35	34.055	2	2.945	37
	5	9	8.873	27	27.127	36
	6	0	0.118	36	35.882	36
	7	0	0.001	36	35.999	36
	8	0	0.000	37	37.000	37
	9	0	0.000	36	36.000	36
	10	0	0.000	30	30.000	30

Classification Table^a

Observed			Predicted		
			Tahap kemampuan		Percentage Correct
			Tidak Mampu	Mampu	
Step 1	Tahap kemampuan	tidak mampu	147	4	97.4
		mampu	4	201	98.0
	Overall Percentage				97.8

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1 ^a	Jumlahgaji	.025	0.005	22.536	1	0.000	1.025
	Bayaranrumah	-.004	0.003	2.251	1	0.134	0.996
	Jmlahbelanja	-.024	0.005	21.558	1	0.000	0.976
	Tabungan	-1.323	0.868	2.324	1	0.127	0.266
	Tanggungan	-1.708	0.893	3.658	1	0.056	0.181
	Pekerjaan	3.995	26.109	0.023	1	0.878	54.348
	Pendidikan	1.314	1.588	0.685	1	0.408	3.722
	Constant	2.096	1.191	3.096	1	0.078	8.132

a. Variable(s) entered on step 1: jumlahgaji, bayaranrumah, jumlahbelanja, tabungan, tanggungan, pekerjaan, pendidikan.

