The linkage between the lifestyle of knowledge-workers and their intra-metropolitan residential choice: A clustering approach based on self-organizing maps

This study investigates the linkage between the lifestyle and the intra-metropolitan residential choice of knowledge-workers in terms of home-ownership, location, dwelling size and building type. Data are retrieved from a revealed-preferences survey among knowledge-workers in the Tel-Aviv metropolitan area and are analyzed with self-organizing maps for pattern recognition and classification. Five clusters are identified: nest-builders, bon-vivants, careerists, entrepreneurs and laid-back. Bon-vivants and entrepreneurs differ in their dwelling size and home-ownership, although both prefer the metropolitan core. Careerists prefer suburban large detached houses. Nest-builders and laid-back are attracted to central locations, conditional on the provision of affordable medium-size dwellings.

General information
State: Published
Organisations: Department of Transport, Traffic modelling and planning, Technion-Israel Institute of Technology
Contributors: Frenkel, A., Bendit, E., Kaplan, S.
Number of pages: 11
Pages: 151-161
Publication date: 2013
Peer-reviewed: Yes

Publication information
Journal: Computers, Environment and Urban Systems
Volume: 39
ISSN (Print): 0198-9715
Ratings:
BFI (2018): BFI-level 2
Web of Science (2018): Indexed yes
BFI (2017): BFI-level 1
Scopus rating (2017): CiteScore 4.45 SJR 1.271 SNIP 2.295
Web of Science (2017): Impact factor 3.724
Web of Science (2017): Indexed yes
BFI (2016): BFI-level 1
Scopus rating (2016): CiteScore 3.39 SJR 1.152 SNIP 1.929
Web of Science (2016): Impact factor 2.659
BFI (2015): BFI-level 1
Scopus rating (2015): CiteScore 3.43 SJR 1.158 SNIP 2.139
Web of Science (2015): Impact factor 2.092
Web of Science (2015): Indexed yes
BFI (2014): BFI-level 1
Scopus rating (2014): CiteScore 2.4 SJR 0.852 SNIP 1.762
Web of Science (2014): Impact factor 1.537
BFI (2013): BFI-level 1
Scopus rating (2013): CiteScore 2.95 SJR 1.082 SNIP 2.299
Web of Science (2013): Impact factor 1.52
ISI indexed (2013): ISI indexed yes
Web of Science (2013): Indexed yes
BFI (2012): BFI-level 1
Scopus rating (2012): CiteScore 2.62 SJR 1.001 SNIP 2.429
Web of Science (2012): Impact factor 1.674
ISI indexed (2012): ISI indexed yes
BFI (2011): BFI-level 1
Scopus rating (2011): CiteScore 2.92 SJR 1.131 SNIP 2.503
Web of Science (2011): Impact factor 1.795
ISI indexed (2011): ISI indexed yes
BFI (2010): BFI-level 1