Research on the [illegible] Measures of Elderly Care Demand in Chongqing

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Abstract. [illegible] the elderly population aged [illegible] and above in [illegible] increasing aging [illegible] questionnaire to the region [illegible] people in various districts [illegible] satisfaction with smart elderly [illegible] opinions and suggestions of [illegible] care is relatively shallow [illegible] market supply. Additionally [illegible] care industry. At present [illegible] as indoor clean[illegible] spiritual entertain[illegible] awareness of intelligent el[illegible] increase community spiritua[illegible] and intelligent elderly [illegible]

Introduction

In the seventh population [illegible] ranked second in the count[illegible] in the comparison of the [illegible] aged and above and [illegible] people aged and above fur[illegible] population [illegible]

The so called smart elderly [illegible] advanced IT technology to [illegible] platform for elderly people [illegible] institutions providing rea[illegible] intelligent elderly care se[illegible] and elderly care industry s[illegible] cycle has been [illegible] that smart elderly care has begun to rise to the national strategic level. Many supportive infrastructure and policy content for smart elderly care are not comprehensive enough to meet the continuously growing demand for smart elderly care [].

In future development [illegible] industry as a new economic [illegible] society will transform the [illegible] into the driving force of eco[illegible] care creates an information [illegible] system from multiple perspe[illegible] monitoring real time positi[illegible] information [illegible] meet the modern scientific [illegible] needs of the elder[illegible]

through the difficulties and bo[illegible] care, community based care an[illegible] [illegible] age groups alleviate the supp[illegible] [illegible]

Research status

[illegible] walks of life in some cities in [illegible] has also begun to take shape [illegible] [illegible]

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3.2.1 Stratified sampling

7KLV VXUYH\ PDLQO\ DGRSWV D FRPELQDWLRQ PHWKRG DQDO\VLV XVLQJ 6366 VWDWLVWLFDO OHYHO)LUVWO\ VWUDWLILHG VDPSOLQJ LV GLYLGHG LQWR YDULRXV GLVWULFWV DQG FRXQWLHV 'LVWULFW <X]KRQJ 'LVWULFW -LDQJEHL 'LVWULFW 'DGXNRX 'LVWULFW %HLEHL 'LVWULFW <XEHL 'LVWULFW ([FHSW IRU WKH PDLQ FLW\ DOO LQFOXGLQJ)XOLQJ 'LVWULFW .DL]KRX 'LVWULFW :DQ]KRX 'LVWULFW 'LVWULFW 1DQFKXDQ 'LVWULFW 7RQJOLDQJ 'LVWULFW DQDO\]HG WR FRQGXFW VDPSOLQJ WR UHGXFH WKH WRWDO SRSXODWLRQ

3.2.2 Three stage unequal probability sampling

)LUVWO\ FRQVLGHULQJ PXOWLSOH RYHUDOO ILQDQFLDO PDWHULDO OHYHO LW LV GHFLGHG WR VHOHFW IURP WKH ILUVW OD\HU %DVHG RQ HDFK OD\HU VDPSOLQJ)LUVWO\ FRQVLGHULQJ PXOWLSOH RYHUDOO ILQDQFLDO PDWHULDO OHYHO LW LV GHFLGHG WR VHOHFW IURP WKH ILUVW OD\HU %DVHG RQ HDFK OD\HU &RQGXFW LQGHSHQGHQW WKU HDFK RI WKH WZR VHSDUDWH OD\HUV RI WKH SULPDU\ VDPSOLQJ XQLWV LQ 7DEOH

Table 1. Sample Weights of Primary Sampling Units at Each Layer

lamina	Administrative district	Population structure	Number of streets	Number of Street Samples
First layer sampling unit	Yuzhong District			
	Yubei District			
Second layer sampling unit	Dianjiang County			
	Jiangjin District			
	Shizhu County			
	Wanzhou District			
	Yongchuan District			
	Yunyang County			
Total				

Specifically, simple random [sampling is used to select] primary sampling units at each [layer. The] administrative district in EXCEL are ordered and encoded. Using EXCEL, a random number table consisting of ten numbers ... sampling starts at ... set as the starting point ... samples is sequentially read ... time. On the second floor, du[ring] ... each administrative district ... the lottery method for sampling.

The third stage is to select ... sampled streets. In order to ... within a limited time, we adopt ... method and conduct ... surveys within each street. During the implementation process, we formulated the following survey area ... surrounding residential communities ... street office, and then set ... points centered around the ... within the jurisdiction of the ... stop a passing pedestrian and ... survey questionnaire. If the ... investigate, invite the pedestrian ... out the questionnaire. Chang... distributing survey questionnaire ...

3.2.3 Sample confirmation

According to the data from the ... National Population Census, the total population of Chongqing is ... Using Chongqing as the sampling box, formula n is used n = $\frac{NZ_{a/2}^2S^2}{Nd^2+Z_{a/2}^2S^2}$ to calculate the sample size. The maximum variance obtained through SPSS calculation is S with a relative error ... confidence level of ... The initial sample size is calculated as

$$n = \frac{NZ_{a/2}^2S^2}{Nd^2+Z_{a/2}^2S^2}$$

From the analysis of the cognitive ... elderly care, it can be conclud[ed] ... have a general understanding o[f] ... the vast majority of responden[ts] ... with smart elderly care ... about smart elderly care. And ... all believe that smart elderly ... promoted in the future.

Compared to older people, the ... about intelligent elderly care ... acceptance of new ... is relatively low.

A significant difference in cul[ture] ... significant impact on the willin[gness] ... elderly care. The higher the cul[ture] ... acceptance of smart elderly ...

Do the respondents currently ... their families? The respondent... person in their family will pay ... understanding of smart elderly ...

The analysis of the demand for ... different age groups shows that ... population has a greater demand ...

Problem Analysis

The public has a shallow unde[rstanding of] smart elderly care

From the analysis of the cognitive ... elderly care, it can be conclu[ded] ...

KDYH D JHQHUDO XQGHUVWDQGLQJ RI WKH YDVW PDMRULW\ RI UHVRXUFH ZLWK VPDUW HOHFWULF\ DFUHZ LVOHDLQG WR PHHW WKH ZRUNHUV LQ VPDUW DERXW VPDUW PDFKLQHV DQG WKHUH LV DQ H DOO EHOLHYH WKDW VPDUW HOGHUOV RQ QHH OVHLQY PHGLFDOH EHQXZ GHOL SURPRWHG LQ WKH IXWXUH $QDOL\HQGJ WKHDUWHDGRQ VRDUWKHUG WKH GHYHORSPHQW RI VPDUW HOXGSURUWFDQHGKDXVDDQMWHHWLRYHO\PDU VKRUW KLVWRU\ ,W LV XQGHUVWRRG QWHZDJH QWKHDWDLRQ FRKDQQHQ WR VPDUW HOGHUO\ FDUH VHUYLFHV FDUUH LVQ GXVLQUWHDGQHWW RLQWWKHXGRQLWLW FRPPXQLW\ VFLHQ QERQSRQSHXZDUELJHFRQFDVWLQJKDYH ORZ LQWHUQDO LQ JRYHUQPHQW SURSDJDGD HWF VRZFKLDFK DWWHWPXRW WORUJPXLQGJHG ERWW E\ SROLFLHV 7KH EUDHQ RXUFHIVI RIFWP DUWI HOHGHUWOH EDSUH LQGXVWU\ KDV QRW \HW HPHUJHG VKHWVWRXHWW DHOHGMWLQQHRDUHUGOLQQXWWH UHODWHG WR VPDUW HOGHUO\ FDLVH QDRWW PDWXOH LQ HQVRXHJ GHLYQ OLRSWPHHJ DQG VPDOO VFDOH YHULILFDWLRQ HVWDYJDHQ WXGDXWDV PDWXLDQJ GWV SOD\LF RI HOGHUO\ GDWD SODWIRUPV WKHP DFURVO OKRFWHRG GRDWHRQ QWRFUHQDV HPHUJHQF\ DODUP FDOOV DQG UHXXLWLFXHOD WO DUP FUDHOOD WHEX WHODGHHU O\ QRW EHHQ ZLGHO\ DSSOLHG 2KDLFKJHHHUWV7KHUFHLHRWHV WKH DSS XQGHUVWDQGLQJ RI VPDUW HOGHUO\ HOOLWHQ WUDGXEWWHGEDF DQG WKH OHYHO RI GDLO\ PRQLWRUL SUHHVVLQJ RI HOGHUO\ FDUH VH

7KHUH LV D KLJK GHPDQG IRU VPDUW HOGHUO\ FDUH SURGXFWV DQG VHUYLFHV ZKLOH WKH PDUNHW VXSSO\ LV OLPLWHG

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SURIHVVLRQDO DQG WHFKQLFDO WDOHQWV
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