



Retirement pathways and pensions inequality in China: A grounded theory study

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Retirement pathways and pensions inequality in China: a grounded theory study

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Abstract

Purpose: Existing research focuses on the pension systems and reforms in China from a macro-level and financial perspective. The expectations of mid-life Chinese people regarding their retirement and pensions have been ignored to date, and our research set out to address this lacuna.

Methodology: The application of qualitative research methods is relatively novel in Chinese social science. As a Grounded Theory (GT) study, the research reported here deployed semi-structured interviews to investigate middle-aged Chinese women's and men's perceptions of their pensions and retirement. Thirty-six interviews were conducted, following the constructivist GT method.

Findings: The data point to disparities between the choices and perceptions of individuals on the one hand and the official assumptions underlying the current pension regime on the other hand. Research participants had varying interpretations of the inequality in retirement incomes in China, the main division being between enterprise workers and public sector employees.

Originality: Although there are in principle rigidly fixed retirement ages for men and women in contemporary China, the phenomena of early retirement and working post-retirement are increasing. There are trade-offs between work/retirement and family needs which influence the choices of middle-aged citizens. Retirement pathways are increasingly individualised, reflecting broader patterns of individualisation and inequality in China.

Keywords:

Ageing; China; pensions; retirement; Grounded Theory

Introduction

With the ageing of the Chinese population, questions regarding pensions and retirement in contemporary China have drawn the attention of scholars around the world, with a distinct focus on systemic and economic issues (Feldstein, 1999; Beland and Yu, 2004; Frazier, 2004; Cai and Cheng, 2014; Song *et al.*, 2015). Consequently, we know little about how Chinese people view their retirement prospects, what they think about the pensions regime, and how they negotiate work and family considerations in planning for retirement. Focusing on middle-aged people in present-day urban China, this article elucidates their experiences, expectations and concerns regarding pensions and pathways to retirement. Given that qualitative social research on the middle-aged population in China has been minimal, this article contributes to filling a gap in understanding the pathways to retirement and views of the current pension regime in China. Considering the paucity of knowledge on this topic, the Grounded Theory approach was chosen to guide this study, and semi-structured interviews were selected as the research method. In keeping with the Grounded Theory method (Timonen *et al.*, 2018), our research proceeded in the absence of an overarching theoretical framework and took an inductive approach to understanding the lived experiences of mid-life individuals. To contextualise our findings, we offer some background information and sensitising concepts in the next section.

Background

China introduced a communist pension system after 1949. Working units contributed 3 per cent of the payroll, but this form of welfare only covered a few sectors (Zhang, 2009). In the "Cultural Revolution" between 1966 and 1976, this pension policy was interrupted and was

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3 followed by a period of economic reform. Since the 1970s, pension reforms in China have
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5 been aligned with the gradual movement towards a market-oriented economy (West,
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7 1999). Employers and employees have been required to make contributions to the pension
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9 system since the 1980s, with the employers' share outweighing employee contributions by a
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11 large margin (Salditt *et al.*, 2008). Following decreases in the burden on enterprises, the
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13 contributions are now 20 per cent for enterprises and 8 per cent for employees (Salditt *et*
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15 *al.*, 2008). The coverage of pensions in China expanded dramatically with the creation of
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17 pension schemes for rural dwellers and those urban residents who previously were not
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19 covered by pension schemes for workers (e.g. the unemployed) (Liu and Sun, 2016). As a
20
21 result, most individuals in China now have an entitlement to a pension. However, the
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23 pensions for rural dwellers and urban unemployed citizens are extremely low, with basic
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25 amounts of around 9 dollars per month (Liu and Sun, 2016).
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35 In addition to the pension scheme for enterprise workers, rural residents and urban
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37 dwellers who are not employed, there were two independent schemes for public officials
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39 and the members of public institutions. 'Federal officials' is a term that refers to the staff of
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41 various levels of government, while members of the public institutions are those who work
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43 for the other parts of the establishment such as schools, colleges, hospitals, media and
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45 other agencies that are controlled by the Chinese Communist Party. There used to be five
46
47 independent pension schemes in China. However, the separate pension schemes for public
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49 officials and state institutions were abolished in 2015 (Liu and Sun, 2016). These two
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51 schemes were considered to be unfair because the members did not need to contribute to
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53 the systems, yet they could receive pensions that had higher replacement rates than the
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55 pensions for enterprise workers. After the reform, staff at public institutions had to make
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3 contributions on terms similar to those of enterprise workers (Liu and Sun, 2016). However,
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5 in terms of pension entitlements, the gap between enterprise workers and public sector
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7 employees remains large. The implications of this will be interrogated in the findings.
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13 The one-child policy, introduced in 1979, has had a significant influence on the structure of
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15 Chinese families although it has been argued that "[t]he most dramatic decrease in the
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17 [fertility] rate actually occurred before the policy was imposed" (Hesketh *et al.*, 2005: 1172).
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20
21 The stringent one-child policy resulted in rapid ageing of the Chinese population and
22
23 increased dependency ratios (Hu and Yang, 2012). Most of the participants in this research
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25 were typical of their cohort in urban contexts in that they have one child. Due to the
26
27 relatively small number of adult children available to support their ageing parents, older
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29 people have come to rely more on themselves e.g. by making provision for formal care
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31 arrangements. Furthermore, expectations on adult children as care providers are now
32
33 considerably lower than in the past (Eklund, 2018). As neither family support nor the
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35 pension and care systems are meeting the needs of all older adults, income security and
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37 care poverty in later lives are growing concerns.
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45 To supplement Western-centric welfare regimes (most notably Esping-Andersen 1990),
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47 authors such as Jones (1993) have proposed the notion of 'Confucian welfare state' to
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49 describe East Asian welfare. According to Abrahamson (2017), the term Confucian welfare
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51 state should also be applied to China. Although research on East Asian welfare systems
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53 partly abandoned the Confucian label in the 2000s, there is a revival of discussions on the
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55 Confucian welfare state in recent years (Abrahamson, 2017). The main feature of the
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57 Confucian welfare state is the vital importance of family in providing social care, and the low
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3 level of governmental involvement in welfare provision (Bambra, 2007). East Asian cultures
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5 traditionally viewed children as private assets and family responsibility as extending to care
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7 of its young and old members (Lin and Rantalaaho, 2003). In China, care is still primarily
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9 delivered by family members, and the role of the state in care provision remains limited
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11 (Zhu and Walker, 2017).
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18 Holliday (2000) focused on the productivist character of the East Asian welfare regime, and
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20 Kwon (2005) proposed the description of 'developmental welfare state'. Both studies argue
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22 that social welfare serves the purpose of economic development, which results in the
23
24 relatively modest welfare provision in East Asian countries (Abrahamson, 2017). However,
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26 Fisher and colleagues (2018) found that Shanghai has developed aged care services which
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28 are in many respects similar to those in Western developed countries; they argue that the
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30 differences in systems should be attributed to (regional) developmental stage instead of
31
32 Confucianism. Also, some researchers have pointed to changes of familism in East Asia in
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34 recent years. For instance, Lee (2018) argues that there is evidence of transition from
35
36 Confucian familism towards neo-familism. Neo-familism is a combination of conventional
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38 Confucianism and a new trend towards more equal relations between family members (Lee,
39
40 2018). The one-child policy is one of the factors that is driving the greater equality of
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42 relations. The one-child policy resulted in the imbalance in sex ratios (Ding and Hesketh,
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44 2006) but it also contributed to improving the situation of women in China: as many girls
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46 became the only child in the family, and more mothers could go to work due to the
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48 decrease in the number of children, the emphasis on the patrilineal and highly gendered
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50 traditions was lessened (Fong, 2002). Despite their improved position, majority of women
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52 are inclined to believe that the wellbeing of the family should be prioritised over the
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3 wellbeing of individuals (Chang and Song, 2010), an illustration of the limited prevalence of
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5 individualism in China.
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10 Hinrichs and Lynch (2010) divided the pension systems in the Western world into
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12 'Bismarckian' and 'Beveridgean' types. The Bismarckian approach is occupational or
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14 employment-centred, focusing on the maintenance of status after retirement. This
15
16 approach underpins pension systems in much of the continental Europe, Southern Europe,
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18 the USA, and some countries (Sweden, Finland, Norway and Canada) veered towards this
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20 approach since the 1960s (Hinrichs and Lynch, 2010). In contrast, Beveridgean universal flat-
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22 rate pensions formed the basis of the pension systems in many Anglo-Saxon nations (except
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24 the USA) (Hinrichs and Lynch, 2010). Yeh, Cheng and Shi (2020) divide the East Asian
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26 pension systems into statist (mainland China and Taiwan), individualist (Hong Kong and
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28 Singapore), and dualist (Japan and Korea). China has a minimum contribution-based
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30 pension scheme as the first tier, and a public funded defined contribution/notional defined
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32 contribution pension as the second tier (OECD, 2017). The Mercer report (2019) assessed 37
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34 pension regimes based on three principles: adequacy (benefits, system design, savings, tax
35
36 support, home ownership, growth assets), sustainability (pension coverage, total assets,
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38 contributions, demography, government debt, economic growth), and integrity (regulation,
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40 governance, protection, communication, operating costs). According to their assessment,
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42 the Chinese pension regime was given a grade D (along with Korea, Japan, India, Mexico,
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44 Philippines, Turkey, Argentina, and Thailand). The pension regime of China is considered to
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46 have major weaknesses, especially in sustainability and integrity (Mercer, 2019).
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3 Income inequality and consumption inequality among older people in China are
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5 comparative high (Bakkeli, 2020). Considering the contribution of pensions towards total
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7 household incomes, such contribution is much higher in urban China (nearly 80%) compared
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9 with rural China (2%) (Prince *et al.*, 2016). This figure illustrates the inequality in pensions
10
11 between urban and rural China, as well as differences in household composition. There are
12
13 also significant gender differences. The official retirement ages in China are 60 for men, 55
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15 for white collar women, and 50 for blue collar women (OECD, 2019). Considering the
16
17 average life expectancy at birth is 76.7, these retirement ages are rather low, especially for
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19 women (OECD, 2019). We positioned our inquiry in this context of significant societal
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21 transformations, and a pensions system that has not fully responded to changes in society
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23 and economy, asking: what are the perceptions of middle-aged adults in China in relation
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25 the pensions system, and their expectations regarding retirement pathways?
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36 **Methods**

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40 Because of the paucity of literature on the experiences and opinions of the Chinese
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42 population regarding their retirement pathways and the pensions system, the Grounded
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44 Theory (GT) method was selected as the approach that best fits the purpose when
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46 broaching poorly-understood social patterns and processes. We chose the constructivist GT
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48 approach (Charmaz, 2014), where research is understood to be co-constructed by the
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50 researcher(s) and the research participants, “highlight[ing] the flexibility of the method and
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52 resist[ing] mechanical applications of it” (Charmaz, 2014: 13).
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3 Grounded Theory excels at generating new knowledge (Goulding, 1999). It is particularly
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5 suitable when knowledge is inadequate in some area (Flick, 2018). However, it is not
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7 necessary to ignore the existing literature before entering the field of research. In fact, only
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9 by reviewing relevant literature can the researcher identify the rationale for the research
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11 among the existing knowledge (Timmermans and Tavory, 2012). Therefore, we reviewed
12
13 relevant literature before conducting fieldwork and as pointed out above, identified
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15 individual experiences and understandings of the pensions systems and retirement
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17 pathways among middle-aged persons as a novel topic that has not been investigated and
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19 reported on in the Chinese context prior to our study.
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27 Semi-structured interviews were chosen as the data collection tool. While this was deemed
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29 the most suitable method for generating data about perceptions and experiences of
30
31 pensions and retirement, organising and conducting interviews in China presented a
32
33 number of challenges. The qualitative interview method and findings of qualitative studies
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35 are not something that the vast majority of the population in China are familiar with. Social
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37 trust can be very low among some groups, and the research had to be proceeded
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39 accordingly. Hence, the starting point was snowballing out from individuals personally
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41 known to the researcher who carried out the interviews (Wang). Once these participants
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43 had been through the interview process, they felt more comfortable referring other
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45 participants to the study. Nonetheless, in order to widen the sample, it was necessary to
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47 take steps to recruit individuals outside the field researcher's personal networks, and this
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49 task called for considerable efforts in establishing his credentials, generating trust, and
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51 assuring anonymity. However, we admit that we were unable and unwilling to entice people
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53 with the most trenchant critique of the system to take part in recorded interviews; indeed
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3 this is a challenge that could not be overcome in an ethical manner in China as expressing
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5 strong anti-regime opinions can have severe consequences. Nonetheless, we were able to
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7 elicit a range of opinions, expectations and pathways in a context where qualitative
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9 research is emergent.
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15 Theoretical sampling in GT necessitates identifying emergent patterns and discoveries in the
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17 data, and this was accomplished by two tranches of interviews. The first tranche of
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19 interviews started in January 2018 and ended in August 2018, i.e. this first phase of data
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21 collection lasted around eight months. There were two significant steps in this process. The
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23 first step was trying to achieve a degree of heterogeneity in the sample, including
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25 participants with different employment statuses and life experiences, and from different
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27 urban regions. Of course, this being qualitative research, we did not strive for
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29 representativeness of the extremely diverse population of China; rather the purpose was to
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31 start off with a reasonably diverse group of participants, whose views and experiences could
32
33 be investigated in depth. Concepts emerged after completing the data analysis. Based on
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35 these emerging concepts, the subsequent interviews were more targeted, in line with
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37 theoretical sampling, which is a key tenet of the Grounded Theory method (Conlon *et al.*
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39 2020).
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50 One important group for theoretical sampling in the second stage of the first phase (from
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52 May to August 2018) comprised individuals who do not have a definite retirement date such
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54 as shop owners. Considering that most of the previous interviewees were either already
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56 retired or had a specific retirement age, more people without definite retirement plans
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58 were targeted. Most of these respondents were people who have their own businesses.
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3 Comparing the information provided by those who do not have a specific retirement age
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6 with the stories of the earlier participants yielded further insights.
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10 Most of the respondents from these earlier fieldwork stages were middle-class, including
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12 teachers, managers, shop owners, and so on. These participants were either covered by the
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14 pension scheme for public institutions with relatively adequate pension entitlements, or
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16 they were in enterprises which can guarantee sufficient retirement incomes for the
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18 employees. Thus, at the first stage of fieldwork, there was an insufficient insight into the
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20 experiences of working-class participants or those with low incomes. Working-class
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22 participants with lower incomes were targeted at the second stage of sampling.
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26 Understanding their plans, whether they planned to keep working after retirement, and the
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28 effects of low income on their retirement decisions was necessary for broader
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30 understanding of the retirement experiences and expectations in China.
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36 In terms of the perspectives of the urban middle-aged Chinese people on pensions, different
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38 degrees of desire for greater equality were evident in the accounts of many participants.
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41 However, critique of those who criticise the current arrangements also occurred in some
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43 interviews. In the next step, we sought to understand nuances of these contrasting
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45 viewpoints. Participants' views on a market-oriented pension reform also called for further
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47 elucidation at this stage of fieldwork; some agreed with it while others had concerns over
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49 the process of privatising pension schemes. This stage of theoretical sampling was
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51 challenging because it was not possible to establish potential interviewees' opinions
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53 towards pensions before interviewing them. However, more targeted questions were asked
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55 during this stage: the views that had been expressed by the earlier research participants
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3 were cited in the questions posed during subsequent interviews so that we could get obtain
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5 further data to improve our understanding of views on this topic.
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10 The second tranche of interviews started from January 2019 and ended in March 2019, in
11 continuation of the theoretical sampling process. After the first round of interviews, two
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13 broad topic areas emerged throughout the interviews, pertaining to stances towards policy
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15 and retirement intentions. In order to look for the links between these two areas, the
16
17 second tranche of interviews sought to gain a better understanding of the
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19 interconnectedness between these domains. Furthermore, follow-up interviews were
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21 conducted with two participants in order to 'member check' our analysis of the
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23 relationships between key concepts.
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32 The resulting sample composition is diverse within the limits of a single qualitative research
33 project. As stated in the Introduction, middle-aged participants were targeted, middle age
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35 being defined as "the period between early adulthood and old age, usually considered as
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37 the years from about 45 to 65" (Oxford English Dictionary, 2017). Considering the official
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39 retirement ages in China, which are 60 for men and 55 or 50 for women, 45 to 65 would be
40
41 rather high in the Chinese context. Hence, we sampled for people who are facing transitions
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43 from employment to retirement currently or in the near future. Most of the participants
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45 were aged between 40 and 60 at the time of the interview as outlined in Table 1 below,
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47 which also presents other key participant characteristics, including their household
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49 composition.
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57 --- Table 1 here ---
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3 This research has some limitations. We did not set out to generate a representative sample,
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5 and the findings cannot be generalised to the middle-aged population of China, which is
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7 extremely diverse. Most interviews took place in Langfang, Hebei province, but 11
8
9 respondents were interviewed in other regions including Shanghai, Jiangsu, Hubei,
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11 Shandong, and Sichuan. Although there is a degree of similarity between these areas (all are
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13 urban centres with high scores on human development index), they are comparatively
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15 highly developed and hence our findings have limited transferability to rural dwellers, or to
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17 people who have tenuous connection to the social protection system (e.g. internal
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19 migrants).
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28 The process of interviewee recruitment was not straightforward. Due to the social trust
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30 issue flagged above, some participants felt hesitant about filling in the ethics/consent form
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32 (which for them was reminiscent of bureaucracy and officialdom) before they had
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34 established a connection with the field researcher. The research had ethics approval from
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36 the Research Ethics Approval Committee of the School of Social Work and Social Policy,
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38 Trinity College Dublin, and all key ethical tenets – voluntary informed consent, anonymity,
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40 confidentiality and non-maleficence - were adhered to. Some (potential) participants voiced
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42 thoughts such as “I am not well educated/I am not a scholar, how can I contribute to a
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44 study?”; “you should find somebody who is more educated than I am”; “since we are in an
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46 interview, I don’t think it’s proper to speak this issue now”; and similar sentiments indicative
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48 of feelings of inadequacy and caution. This demonstrates that the qualitative interview
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50 remains an unfamiliar practice in the Chinese context, especially among those who
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52 considered themselves “uneducated”. This obstacle made our task more difficult compared
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54 to conducting fieldwork in contexts where qualitative interviews have been used for
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3 decades and where levels of trust are generally higher. Due to the path-breaking nature of
4
5 this research project, it was more challenging to interact with potential participants who
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7 had these reservations and considerable time was spent assuring participants of their
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9 anonymity. Participants were given the opportunity to ask questions about the study and to
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11 read the information sheet in advance of the interview in order to ensure each person gave
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13 voluntary, informed consent. To protect the confidentiality of the interviewees,
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15 pseudonyms were assigned to replace the real names of the participants and any potential
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17 identifying characteristics have been anonymised. However, doubtless the fact that the
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19 interviews were recorded deterred the most vocal critics from participating in this research,
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21 which is another acknowledged but perhaps inevitable (in the Chinese context) limitation of
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23 this research.
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32 **Findings**

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34 The findings are divided into two sections; we will begin by examining attitudes towards the
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36 current pensions system, before turning to the participants' choices and pathways towards
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38 work/retirement.
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45 *Attitudes towards the current pensions system*

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48 The enterprise workers - who are entitled to relatively modest pensions - were generally
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50 dissatisfied with the current pension policy. They tended to think the pension policy in China
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52 is unfair:
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3 What can you do with the [typical pension for enterprise workers] in our country?
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5 Perhaps just eat, but not anything good. You cannot have anything else. If you
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7 are going to do some other things, or [something unexpected] happens... [the
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9 pension] will be absolutely inadequate. That is why we are so dissatisfied with it.
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11 - Qinhong, female, 48, retired enterprise worker
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16 The inequality between pension schemes and the low expectations regarding their pensions
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18 among enterprise workers put some of them under pressure to increase their retirement
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20 incomes: they felt compelled to find other ways to improve their economic security after
21
22 retirement. For instance, Qinhong had found other work after retiring, and Xueyan focused
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24 on saving money for her retirement as well as purchasing commercial insurances. Xueyan
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26 had been an enterprise worker before leaving her working unit. She estimated that her
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28 pension would be around 3000 yuan [EUR 375] per month, an amount that would not be
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30 sufficient for her living expenses in an urban area, especially if care needs were to arise, and
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32 this prospect was a concern for her:
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40 ...Do not speak of the future, for now, 3000 yuan will not be enough. I suppose,
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42 how to say, I will have to wait and see, right? So, I buy some commercial
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44 insurances when I can, I save as much money as possible while I still have the
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46 ability to do so. If you only rely on the pension, 3000 yuan, that will definitely not
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48 be enough.
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50 - Xueyan, female, 40, shop owner
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55 Divided by the pension schemes, the workers who are benefiting from the better pension
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57 schemes have a different view. For instance, when talking about the pension reform, Shuli
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59 stated that she wants her pension to remain unchanged and that she would be unhappy
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3 with any pension reform that decreased her retirement income. However, she also
4
5 mentioned the pension gaps between different groups. Although the expectations and
6
7 levels of satisfaction with the pension reform are diverse, even the relatively advantaged
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9 participants generally acknowledged that the pensions inequality between different social
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11 groups is a significant social problem. Shuli's response demonstrates both awareness of
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13 inequalities and inclination to accept them in order to protect one's own entitlements:
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20 I think I should be able to enjoy the relatively good policy...of course, the income
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22 gaps between enterprise workers and us [who work in] public institutions are
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24 relatively significant...but as for whether all the citizens can be treated the same,
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26 I think for China, with such a huge population, [pension inequalities] may not
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28 change in the future... Many things in China cannot be achieved in one step. It
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30 would be better if everyone received more. (...) [Pension reforms had] better not
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32 have any impact on me. Maintaining the current system would be good...I am
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34 relatively content.

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36 - Shuli, female, 54, administrative worker in a hospital
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40 As a public institution employee, Shuli's opinion stands in contrast to that of the enterprise
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42 workers such as Qinhong who was quoted above. Benefiting from relatively generous
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44 pension entitlements, Shuli expects to receive an adequate pension after retiring. Although
45
46 she is aware of the inequality between different groups of workers, she knows that she has
47
48 a vested interest in the current system. In other words, she realises that she is benefiting
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50 from an unfair pension system, which in turn makes her unwilling to accept major changes
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52 to current pension arrangements, especially when the changes may threaten her vested
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54 interest by weakening her pension entitlements.
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3 The voice of Guofeng is also a contrast to that of Qinhong. Contrary to the frustration of
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5 Qinhong towards the current pension schemes, Guofeng criticised the actions of those who
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7 protest and campaign for greater pensions equality. Drawing on nationalist ideology,
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9 Guofeng believes that the interests of the state are higher than the interests of individuals,
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11 and that individuals should bolster the state. As a proponent of anti-American ideas, he
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13 expressed the belief that the state should spend more money on the military even at the
14
15 expense of social welfare such as pensions. Nationalism motivated some middle-aged
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17 workers to dismiss inequalities in pension entitlements and even to despise those who
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19 protest against the such inequalities. They pitted their core value of nationalism as an
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21 argument against reforming the current pension arrangements. Guofeng's standpoint
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23 illustrates the impact of nationalist and resonates with Armeanu's (2010) argument that
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25 nationalism can be related to views on pensions:
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For the people at my level, we are not like some other levels [people with lower incomes]. Of course, I am not discriminating against them. I mean, we cannot only care about ourselves and ignore others...you should consider the state...the Yankees still provoke us regularly. If our national defence declined, we might regress a century, right? So... I will obey the government; I will accept how much they give me. I will certainly not follow some people...[who]...protested in front of the government. I will certainly not take part [in such protests]. I may also do some propaganda for the government. Perhaps my voice is relatively weak, but my voice represents positive energy.

- Guofeng, male, 53, doctor

57 Shuli and Guofeng illustrate the views of those who are unwilling to see pension reforms,
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59 especially any reforms that might decrease their pensions in the future. According to
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3 Wenhua, a shop owner, criticism of protesting enterprise workers is not based on concerns
4
5 over public interests, but on privileged people's inclination to defend their privileges. She
6
7 rejected the nationalist line of argument adhered to by Guofeng. Interestingly, although
8
9 they held opposite opinions, both Guofeng and Wenhua claimed that people should try to
10
11 understand the standpoints of others. Wenhua tended to consider the interests of
12
13 enterprise workers who are suffering from unfairness while Guofeng argued on behalf of
14
15 the state, or what he considered represents the nation. Wenhua also attacked some elites
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17 who consider themselves superior and claim privileges even after retirement:
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25 Oh, those who are full cannot know the feeling of those who experience hunger.

26 (...) Humans should think of others, but some feel that since they started to work,
27
28 they went to a better working unit, so they consider themselves better than
29
30 others. But when they are retired, they are still better off than others. So, for them,
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32 really, they don't want to be the same as enterprise workers.
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35 - Wenhua, female, 53, shop owner
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40 Different from the debates of the left and the right in most democratic countries, the main
41
42 fault line concerning the pension policy in contemporary China illustrates the division
43
44 between nationalist ideology and more redistributive logic. Divided by the discriminatory
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46 pension policy, the enterprise workers generally criticised current pension policy on equality
47
48 grounds. Based on a nationalist ideology, the public sector employees among the
49
50 participants tended to think that enterprise workers are "selfish and do not consider the
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52 state" (Guofeng). The unequal pension policy catalyses such divisions.
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3 Another strand of criticism directed by enterprise (private sector) workers against the public
4
5 sector employees pertained to what was seen as a large 'army' of public officials whose
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7 incomes might have been modest, but whose pensions were now comparatively generous
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10 in view of their small pension contributions:
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14 Why the pensions are in debt in China? First, it's the massive public officials' army, right? Over
15
16 20 million public officials...They used to receive relatively low pay in the past, the salaries of
17
18 the public officials are indeed not high...but now they get high pensions, right?
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20
21 - Wengu, male, 49, manager of an enterprise
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25
26 Some expressed the view that pensions of public officials are increased surreptitiously, while even
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28 modest increases for enterprise sector workers are accompanied by high-profile publicity:
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31
32 Every year, when they increased the [enterprise sector] pensions, all kinds of newspapers
33
34 are writing about it... But when they increase the pensions of public institutions employees,
35
36 have you seen this in the news? They can get three or four thousand when they just retire.
37
38 Have you seen this advertised? When the enterprise workers get extra tens of yuan, they
39
40 advertise this around the whole country. But when they really raise the pensions
41
42 dramatically for some people [employees in public sectors], there is no mention of this...'
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46 - Wenhua, female, 53, shop owner
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51 Such views reflect the resentment that enterprise sector employees and small business
52
53 owners feel towards those who are entitled to public sector pensions. Lack of transparent
54
55 communication about changes in pensions adds to such resentment.
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60 *Diverse retirement modes in urban China*

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6 We will now turn to discussing the findings pertaining to the retirement modes in
7
8 contemporary China which contrast with the rigidly fixed official retirement ages. Early
9
10 retirement, working post-retirement, and work without fixed retirement ages have become
11
12 common in urban China. For instance, retired at 45 - very young age compared with the
13
14 official retirement age of 60 for men - Lianyu was happy with his early retirement, and spent
15
16 a lot of his time on housework and caring for family members since he was free from the
17
18 pressure of paid employment:
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25 I take care of my wife and my child. Also, my mum...she is 91 this year. (...)

26 Buying vegetables and cooking, that is what I do. It is because in Shanghai,
27
28 normally men do the housework at home.

29
30 - Lianyu, male, 55, retired enterprise worker
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35 In contrast to Lianyu's choice, many others had chosen to work beyond their official
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37 retirement ages. For instance, Baocai worked for a few years after reaching his retirement
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39 age:
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45 [In my work place there were] two or three generations of managers, they did
46
47 not want me to retire. They said I'd better stay and help: we still lack good people
48
49 like you. They required me to stay [as long as my] health situation was ok, and the
50
51 department had the [need for my inputs]. After all, I was a member of the CCP
52
53 [Communist Party], right? You need to obey the demands of the organisation,
54
55 right?
56

57 - Baocai, male, 63, public official (returned to work after retirement)
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1
2
3 Baocai specifically mentioned that a reason for him to remain working was his identity as a
4
5 member of the CCP. In China, it is important for party members to remain loyal to their
6
7 organisations as well as their “socialist” careers. Many members of the CCP would be willing
8
9 to respond to the demands of the Party when summoned. This phenomenon occurred
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11 among some participants who were public officials, suggesting that the CCP still has some
12
13 influence on the decisions of some mature workers to continue working beyond their
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15 official retirement.
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23 What does retirement mean for older workers and the newly retired in China? We argue
24
25 that there are two dimensions when people talk about retirement in contemporary China.
26
27 The first dimension is the official retirement age of the enterprises or working units. When
28
29 people reach the official retirement age or the retirement age of the working unit, they start
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31 to receive pensions. This transition can bring significant changes to some citizens, such as
32
33 the enterprise workers who may suffer a major loss of income after they retire.
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40 However, the influence of another dimension upon individuals also exists, namely the
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42 transition from working to a different, retired lifestyle. Different from the first one, this
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44 dimension is gauged by the individuals themselves instead of the working units or the
45
46 establishment. They can deliberate whether to look for a new job after retirement and in
47
48 some cases even when to stop working regardless of the retirement ages. At present,
49
50 retirees in China can still receive their pensions if they choose to start a new job after
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52 retirement. The independence of the incomes from pensions and work encouraged some
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54 participants to look for post-retirement jobs. Some older workers draw down generous
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pensions and salaries at the same time, which further exacerbates the disparity of retirement incomes.

Furthermore, these two dimensions were well-aligned for some participants. They kept working until they retired and enjoyed their later lives after reaching the official retirement age. The timing and conditions of working and retiring were clear for these respondents. For others, however, the transitions happened at less regular points in time. Some gave up work in their 40s (such as Lianyu who was quoted above). In contrast, others kept working into their 60s after reaching their official retirement ages (for instance Baocai). Also, there is an overlap between these two phenomena, as illustrated by Liyan. Not entirely happy with the retired lifestyle, she sought other work after retirement. She reflected on her fears regarding retirement and reasons for working beyond retirement:

I always think that the social security now, it is not as good as people think. You see I have many people living nearby; they are sick or something else, they spend all their savings [and] it may still not be enough. So now I feel that if I do not have the money to be old, to be sick, to seek medical support, it is like I cannot feel relaxed about the prospect of my life in retirement. I am now worrying, because you see the tuition fees of the child are rather high, or if the seniors are sick, the expenses would also be high. This makes it hard to imagine that ... I can survive if I am not able to work or have no income. I cannot imagine this situation. So, I am constantly wondering how I can do some work, have a stable income, maybe then I can afford my life in retirement.

- Liyan, female, 47, shop owner

For the individuals who have been or are currently in employment, the transitions in the second dimension would happen eventually. However, retirement in the first dimension

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2
3 may never happen to some people. This type includes the employer, the shop owners, the
4
5 self-employed, and so on. Chunxian is the owner of a jade shop: he can work as long as he
6
7 wishes. Covered by the urban resident pension system, he will get a small pension monthly
8
9 when he reaches the formal retirement age. However, he envisaged continuing to work
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11 both due to the nature of his employment (it is not dependent on physical strength) and the
12
13 stream of additional income it provides:
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18 My job is not constrained by age; I can do this work as long as my body is still
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20 able to move. Maybe when I turn 80, if I am still well, I can carry on doing some
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22 things...I may focus more on leisure and not put so much effort into running this
23
24 shop. But... the later life requires some money...So, running this shop, why I chose
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26 to do this in my middle age, this career, because age is not very important in this
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28 job, unlike the jobs that require heavy labour, if I was really old, definitely I could
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30 not do those kinds of work.
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32 Chunxian, male, 43, shop owner
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37 Due to the retirement policy in present-day China, some middle-aged participants had
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39 retired rather early and enjoyed their retirement at a relatively young age. In contrast,
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41 usually driven by economic pressure, others chose to work beyond their retirement ages.
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43 Without an official retirement age, some workers such as the self-employed can be rather
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45 flexible in their working and retirement. Hence, there is no unified retirement pathway for
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47 all or even the majority of the citizens in present-day urban China.
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52 Notwithstanding the diverse retirement modes in contemporary China, there are some
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54 structural factors regarding individuals' freedom on deciding their own retirement ages. The
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56 personal financial situation influences the degree of freedom in making decisions on the
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3 timing of retirement. Again, we detected differences between enterprise workers and the
4
5 public sector. Having different scenarios of pension contributions and pension entitlements,
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7 employees of public institutions and public officials have obvious advantages over
8
9 enterprise workers concerning their economic situations after retirement. Having the
10
11 prospect of higher retirement incomes, public sector workers felt they had more freedom in
12
13 their retirement lives. Pension policies influenced the latitude that individuals had regarding
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15 work/retirement choices, again reflecting unequal pension entitlements.
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23 Although the economic situations of the public sector employees and retirees varied, none
24
25 of the participants were living in poverty. Some public sector employees chose to work
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27 beyond retirement, but in these cases non-financial factors such as commitment to and
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29 bonds with the working units were their primary reasons for the postponement of
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31 retirement. Constrained by the fixed official retirement ages, the employees of public
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33 institutions generally have limited scope to retire early even where they have a strong
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35 preference for retirement. In contrast, the choices of enterprise workers are more affected
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38 by their financial situation.
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45 Economic inequality exists not only between the public sector and the private sector but
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47 also among the enterprise workers. Unlike among the public institution employees, financial
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49 situations varied significantly among the enterprise workers. For enterprise workers,
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51 financial considerations were the primary factor shaping their retirement decisions. Their
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53 work/retirement arrangements were generally more negotiable with their managers or
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55 employers, and their pension entitlements were relatively modest, creating incentives for
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57 staying in or returning to work. In the contemporary era, the rigidly fixed retirement policy
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3 no longer serves the diverse and individualised needs of urban workers in China. The
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5 current context of urban China requires a more flexible retirement policy which would be
6
7 better aligned with the diverse needs and wishes of middle-aged and older workers and
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9 retirees.
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15 While space here prohibits us from marshalling more data, it is also important to point to a link
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17 between the family situations of the middle-aged and their choices on work/retirement. The needs
18
19 of younger and older family generations are a factor that can influence the decisions of the middle-
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21 aged citizens on when to retire and whether to continue working. With the parents of many middle-
22
23 aged workers still alive, they expressed concerns over the health status of their parents and the
24
25 need to be available, if called upon to help. Grandparents who face the transition to retirement have
26
27 to balance between work/retirement choices and family (childcare) needs (Goh, 2009). Others were
28
29 concerned about the incomes of younger family generations and wanted to be able to contribute to
30
31 their household and educational expenses. This finding resonates with that of Bovenberg (2008),
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33 who argues that longer working lives can provide mature workers with the chance to support their
34
35 children and also fulfil their career ambitions. As an alternative, retiring early or on time can provide
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37 middle-aged citizens with the opportunity to spend more time in supporting the younger generation
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39 with childcare.
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46 **Conclusions**

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50 The pension and retirement policy is the most significant reason for the inequality in later
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52 lives in contemporary China. By setting different criteria of pension entitlements between
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54 enterprise workers and public sector employees, the pension policy in China generates
55
56 significant inequality between different groups. Combined with the cumulative
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3 (dis)advantages of the individuals accrued over the life course, the discriminative policy
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5 arrangements make disparities in later lives inevitable (see also Hanewald *et al.*, 2019). To
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7 work as an employee of a public institution is an advantage compared with those who work
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9 in enterprises. In terms of incomes, this advantage is not very obvious before retirement.
10
11 However, the advantages of working in the public sector are magnified after retirement. In
12
13 other words, the benefit of public sector employees increases along with the life course,
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15 and the inequality in later lives becomes distinctive.
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23 Public sector employees - who can receive relatively high pension entitlements - are inclined
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25 to defend their privileges in pension entitlements. This phenomenon chimes with Armeanu
26
27 (2010) who argues that influential opposition to pension reform often comes from the
28
29 groups who are benefiting from current pension arrangements. Although most participants
30
31 in this group were aware of the inequality in retirement incomes, they were resistant to the
32
33 idea that their benefits could be reduced. Their inclination to justify pensions inequality
34
35 resonates with the argument of O'Donnell and Tinios (2003) that opinions reflect the
36
37 pension system. Notably, some employees in public institutions criticised those who protest
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39 against inequality in pensions (even though pensions-related protests in China are rare at
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41 present).
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50 The Confucian welfare state also plays a part in the maintenance of inequality in later lives
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52 (Abrahamson, 2017). Influenced by the Confucian tradition, families play an essential part in
53
54 providing financial support and care for older adults. Despite the officially socialist polity of
55
56 China, the problem of inequality in later lives is significant. As employees of the public
57
58 sector, policymakers may have little interest in tackling inequalities in pensions and
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3 retirement. In fact, the Chinese government does not publish the details of spending on
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5 pensions. This lack of transparency illustrates the reluctance of policymakers to bring about
6
7 greater equality in old-age incomes, which might be partly attributed to the influence of
8
9 Confucian ideation where family continues to retain a central position of responsibility for
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11 its members' welfare.
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18 The findings also point to a significant leeway between the official retirement ages, which
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20 are regulated by the government, and the actual retirement ages in China. Although the
21
22 official retirement ages are relatively low, there are many workers who retire much earlier
23
24 than the official retirement ages, through negotiations with their working units. Meanwhile,
25
26 others choose to continue working, or even look for other jobs after reaching their official
27
28 retirement age. In addition, without a working unit, many citizens do not have a fixed
29
30 retirement age, and their pathways to retirement are not regulated by the government. All
31
32 these pathways illustrate the disparity between the government policies and the behaviours
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34 of individuals. The transitions to retirement are becoming increasingly individualised,
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36 instead of collective or unified.
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45 The diverse retirement modes are a reflection of the inequality in later lives in present-day
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47 China. While the collective and fixed transitions to retirement have weakened in urban
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49 areas of contemporary China, the disparity in later lives is related to the transformation of
50
51 society and economy but also to elements of continuity, as manifested for instance in
52
53 fervent nationalism and party loyalty that continue to motivate longer working lives for
54
55 some. Inequality (in later lives) contributes to the diversity of transitions to retirement. The
56
57 disparity between workers/pensioners under different pension systems and the variation
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3 among workers/pensioners under the same pension systems both add to the variety of
4
5 retirement modes. Driven by the unequal pension policy, those inside the establishment
6
7 (employees of the public sector) and those outside the establishment (enterprise workers,
8
9 self-employed) have different situations and considerations regarding their transitions to
10
11 retirement, differences that are likely to persist and become more pronounced in the
12
13 absence of further extensive pensions reform in China.
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58
59
60

References

- 1
2
3
4
5
6 Abrahamson, P. (2017), 'East Asian welfare regime: obsolete ideal-type or diversified
7 reality', *Journal of Asian Public Policy*, Vol. 10 No. 1, pp. 90-103.
8
9
10
11 Armeanu, O. (2010), 'The Battle over Privileges and Pension Reform: Evidence from
12 Legislative Roll Call Analysis in Poland', *Europe-Asia Studies*, Vol. 62 No. 4, pp. 571-595.
13
14
15
16 Bakkeli, N. Z. (2020), 'Older adults' mental health in China: Examining the relationship
17 between income inequality and subjective wellbeing using panel data analysis', *Journal of*
18 *Happiness Studies*, Vol. 21 No. 4, pp. 1349-1383.
19
20
21
22 Bambra, C. (2007), 'Going beyond the three worlds of welfare capitalism: regime theory and
23 public health research', *Journal of Epidemiology & Community Health*, Vol. 61 No. 12, pp.
24 1098-1102.
25
26
27
28
29 Beland, D. and Yu, K. (2004), 'A Long Financial March: Pension Reform in China', *Journal of*
30 *Social Policy*, Vol. 33 No. 2, pp. 267-288.
31
32
33
34 Bovenberg, A. (2008), 'The Life-course Perspective and Social Policies: An Overview of the
35 Issues', *CESifo Economic Studies*, Vol. 54 No. 4, pp.593-641.
36
37
38
39 Cai, Y. and Cheng, Y. (2014), 'Pension Reform in China: Challenges and
40 Opportunities', *Journal of Economic Surveys*, Vol. 28 No. 4, pp. 636-651.
41
42
43
44 Chang, K. and Song, M. (2010), 'The stranded individualiser under compressed modernity:
45 South Korean women in individualisation without individualism', *The British Journal of*
46 *Sociology*, Vol. 61 No. 3, pp.539-564.
47
48
49
50
51 Charmaz, K. (2014), *Constructing grounded theory* (2nd edition), SAGE, London.
52
53
54
55 Conlon, C., Timonen, V., Elliott O'Dare, C., O'Keeffe, S. and Foley, G. (2020), 'Confused About
56 Theoretical Sampling? Engaging Theoretical Sampling in Diverse Grounded Theory
57 Studies', *Qualitative Health Research*, Vol. 30 No. 6, pp. 947-959.
58
59
60

1
2
3 Ding, Q. and Hesketh, T. (2006), 'Family size, fertility preferences, and sex ratio in China in
4 the era of the one child family policy: results from national family planning and reproductive
5 health survey', *BMJ*, Vol. 333 No. 7564, pp. 371-373.
6
7
8

9
10 Eklund, L. (2018), 'Filial Daughter? Filial Son? How China's Young Urban Elite Negotiate
11 Intergenerational Obligations', *NORA - Nordic Journal of Feminist and Gender
12 Research*, Vol. 26 No. 4, pp.295-312.
13
14

15
16 Esping-Andersen, G. (1990), *The Three Worlds of Welfare Capitalism*, Polity, London.
17
18

19
20 Feldstein, M. (1999), 'Social security pension reform in China', *China Economic Review*, Vol.
21 10 No. 2, pp. 99-107.
22
23

24
25 Fisher, K., Zhang, X. and Alston, M. (2018), 'Shanghai aged care and Confucian
26 welfare', *International Journal of Sociology and Social Policy*, Vol. 38 No. 9/10, pp. 722-735.
27
28

29
30 Flick, U. (2018), *Doing grounded theory* (2nd edition), SAGE, London.
31
32

33
34 Fong, V. (2002), 'China's One-Child Policy and the Empowerment of Urban
35 Daughters', *American Anthropologist*, Vol. 104 No. 4, pp. 1098-1109.
36
37

38
39 Frazier, M. (2004), 'After pension reform: Navigating the "Third Rail" in China', *Studies in
40 Comparative International Development*, Vol. 39 No. 2, pp. 45-70.
41
42

43
44 Goh, E. (2009), 'Grandparents as childcare providers: An in-depth analysis of the case of
45 Xiamen, China', *Journal of Aging Studies*, Vol. 23 No. 1, pp.60-68.
46
47

48
49 Goulding, C. (1999), 'Grounded Theory: some reflections on paradigm, procedures and
50 misconceptions', working paper, University of Wolverhampton, UK.
51
52

53
54 Hanewald, K., Jia, R. and Liu, Z. (2019), 'Why is inequality higher among the old? Evidence
55 from China', research working paper 2019/10, Australian Research Council Centre of
56 Excellence in Population Ageing Research.
57
58
59
60

1
2
3 Hesketh, T., Lu, L., et al. (2005), 'The Effect of China's One-Child Family Policy after 25
4 Years', *New England Journal of Medicine*, Vol. 353 No. 11' pp. 1171-1176.

5
6
7
8 Hinrichs, K. and Lynch, J. (2010), 'Old-Age Pensions', Castles, F. *et al.*, (Eds.), *The Oxford*
9 *Handbook of the Welfare State*, Oxford University Press, Oxford.

10
11
12
13 Holliday, I. (2000), 'Productivist Welfare Capitalism: Social Policy in East Asia', *Political*
14 *Studies*, Vol. 48 No. 4, pp. 706-723.

15
16
17
18 Hu, N. and Yang, Y. (2012), 'The Real Old-Age Dependency Ratio and the Inadequacy of
19 Public Pension Finance in China', *Journal of Population Ageing*, Vol. 5 No. 3, pp. 193-209.

20
21
22
23 Jones, C. (1993), 'The Pacific challenge: Confucian welfare states', Jones, C. (Ed.) *New*
24 *perspectives on the welfare state in Europe*, Routledge, London, pp. 198–217.

25
26
27
28 Kwon, H. (2005), 'An overview of the study, the developmental welfare state and policy
29 reforms in East Asia', Kwon, H. (Ed.) *Transforming the developmental welfare state in East*
30 *Asia*, Palgrave Macmillan, New York, pp. 1–23.

31
32
33
34 Lee, D. (2018), 'The evolution of family policy in South Korea: from Confucian familism to
35 Neo-familism', *Asian Social Work and Policy Review*, Vol. 12 No. 1, pp. 46-53.

36
37
38
39 Lin, K. and Rantalaiho, M. (2003), 'Family policy and social order - comparing the dynamics
40 of family policy-making in Scandinavia and Confucian Asia', *International Journal of Social*
41 *Welfare*, Vol. 12 No. 1, pp. 2-13.

42
43
44
45 Liu, T. and Sun, L. (2016), 'Pension Reform in China', *Journal of Aging & Social Policy*, Vol. 28
46 No. 1, pp. 15-28.

47
48
49
50 Mercer (2019), *Melbourne Mercer Global Pension Index*, Monash Centre for Financial
51 Studies, Melbourne, Australia.

52
53
54
55 O'Donnell, O. and Tinios, P. (2003), 'The Politics of Pension Reform: Lessons from Public
56 Attitudes in Greece', *Political Studies*, Vol. 51 No. 2, pp. 262-281.

1
2
3 OECD (2017), *Pensions at a Glance 2017: OECD and G20 Indicators*, OECD Publishing, Paris.

4
5
6 OECD (2019), *China: Pension System In 2018*, OECD Publishing, Paris.

7
8
9 Oxford Dictionaries | English. (2017). *middle age - definition of middle age in English* |

10 Oxford Dictionaries. [online] Available at:

11
12 https://en.oxforddictionaries.com/definition/middle_age [accessed 19.08.2017].

13
14
15
16 Prince, M., Lloyd-Sherlock, P. et al. (2016), 'The economic status of older people's
17 households in urban and rural settings in Peru, Mexico and China: a 10/66 INDEP study
18 cross-sectional survey', *SpringerPlus*, Vol. 5 No. 258.

19
20
21
22 Salditt, F., Whiteford, P. and Adema, W. (2008), 'Pension reform in China', *International
23 Social Security Review*, Vol. 61 No. 3, pp. 47-71.

24
25
26
27 Song, Z., Storesletten, K., Wang, Y. and Zilibotti, F. (2015), 'Sharing High Growth across
28 Generations: Pensions and Demographic Transition in China', *American Economic Journal:
29 Macroeconomics*, Vol. 7 No. 2, pp. 1-39.

30
31
32
33 Timmermans, S. and Tavory, I. (2012), 'Theory Construction in Qualitative
34 Research', *Sociological Theory*, Vol. 30 No. 3, pp. 167-186.

35
36
37
38
39
40
41
42
43
44
45
46 Timonen, V., Foley, G. and Conlon C. (2018), 'Challenges when using Grounded Theory: A
47 pragmatic introduction to doing GT research', *International Journal of Qualitative Methods*
48 Vol. 17 No. 1, pp. 1-10.

49
50
51
52
53
54
55
56
57
58
59
60 West, L. (1999), 'Pension reform in China: Preparing for the future', *Journal of Development
60 Studies*, Vol. 35 No. 3, pp. 153-183.

Yeh, C., Cheng, H. and Shi, S. (2020), 'Public-private pension mixes in East Asia: institutional
diversity and policy implications for old-age security', *Ageing and Society*, Vol. 40 No. 3, pp.
604-625.

1
2
3 Zhang, X. (2009), 'Enterprise Pensions in China: History and Challenges', *Public Finance and*
4 *Management*, Vol. 9 No. 1, pp. 76-96.
5
6
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8 Zhu, H. and Walker, A. (2017), 'The gap in social care provision for older people in
9 China', *Asian Social Work and Policy Review*, Vol. 12 No. 1, pp. 17-28.
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Table 1: Sample composition and key characteristics

Interview number and pseudonym	Gender	Place of residence	Employment status	Age	Interview setting	Household/family status
1 Yaping	F	Hebei	Teacher in primary school	50	Private residence	Living as a couple
2 Zilin	F	Hebei	Teacher in college	55	Private residence	Living as a couple
3 Jialing	F	Hebei	Teacher in college	55	Private residence	Living alone
4 Qinrong	F	Hebei	Retired enterprise worker	48	Private Residence	Living as a couple
5 Zuyin	F	Hebei	Teacher in college	53	Private residence	Living with an adult child
6 Shuzhi	F	Hebei	Manager in medical enterprise	38	Meeting room of the enterprise	Living with an adolescent child
7 Chunxian	M	Hebei	Shop owner	43	Shop (quiet, no customers)	Living with an adolescent child
8 Guofeng	M	Hebei	Doctor	53	Participant's living room	Living as a couple
9 Baocai	M	Hebei	Public official (retired but went back to work)	63	Office of the governmental building	Living as a couple
10 Qinlin	M	Hebei	Public official (retired but went back to work)	64	Office of the governmental building	Living as a couple
11 Zexi	M	Hebei	Public official (retired but went back to work)	64	Office of the governmental building	Living as a couple
12 Lianyu	M	Shanghai	Retired enterprise worker	55	Starbucks	Living with an adult child
13 Shuli	F	Jiangsu	Administrative worker of a hospital	54	Café	Living as a couple
14 Baosheng	M	Jiangsu	Professor	48	Audio talk online	Living with an adolescent child
15 Ping	M	Hubei	Security staff (coming back to work)	65	Office	Living as a couple
16 Longping	M	Hubei	Security staff	58	Home of the participant	Living with an adult child
17 Liyan	F	Hebei	Shop owner	47	Café	Living as a couple
18 Wengu	M	Shandong	Manager of an enterprise	49	Private residence	Living alone
19 Caihu	M	Shandong	Manager of an enterprise	45	Private residence	Living alone
20 Wenhua	F	Hebei	Shop owner	53	Café	Living as a couple
21 Wanying	F	Hebei	Retired enterprise worker	63	Neighbourhood garden	Living with an adult child
22 Yongqing	F	Hebei	Retired teacher	63	Neighbourhood garden	Living with an adult child
23 Huibo	M	Hebei	Baker	50	Roadside, under a tree	Living alone
24 Xu	M	Hebei	Safety supervision	58	Neighbourhood garden	Living with an adult child
25 Bojun	F	Hebei	Housewife	53	Participant's living room	Living with an adult child
26 Lizhi	M	Hebei	Driver	60	Office	Living with an adult child
27 Zeming	M	Hebei	Warehouse keeper	68	Warehouse	Living as a couple
28 Xueyan	F	Hebei	Shop owner	40	Tea shop	Living with an adolescent child
29 Zhaodi	F	Hebei	Chef	44	Café	Living alone
30 Liyan	see 17				Café	
31 Huibo	see 23				Café	
32 Chaoting	M	Hebei	Cleaner	63	Empty dance studio	Living with an adult child

33 Geng	M	Sichuan	Teacher in secondary school	51	Participant's living room	Living with an adolescent child
34 Rui	F	Sichuan	Statistician	40	Participant's living room	Living with an adolescent child
35 Jinya	F	Sichuan	Housewife	50	Participant's living room	Living alone
36 Jiangyan	F	Sichuan	Retired factory worker	53	Tea room	Living alone