

# ZIWEI RAO

ziweirao.github.io | z.rao(at)rug.nl | Chinese | 01<sup>st</sup> October, 1995

## CURRENT POSITION

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**Ph.D. candidate** at Faculty of Economics and Business

*University of Groningen*

Supervisors: R.J.M. (Rob) Alessie and Max Groneck

**Lecturer** at Faculty of Economics and Business

*University of Groningen*

Sept. 2018 – Fall 2022 (expected)

*Groningen, the Netherlands*

Dec. 2021 – Aug. 2022

*Groningen, the Netherlands*

## EDUCATION

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**Research Master in Economics**

*University of Groningen*

Thesis: Parental marriage transfer and old age support: evidence from China

Sept. 2016 – Sept. 2018

*Groningen, The Netherlands*

**B.A. in Economics**

*Zhejiang Gongshang University*

Sept. 2012 – July 2016

*Hangzhou, P.R. China*

## RESEARCH INTERESTS

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My primary field of research is applied microeconomics, with an emphasis on labor economics and family studies. I am interested in economics of aging, intra-family relations, child development, and social inequality.

## RESEARCH

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### WORKING PAPERS

- **“Should I Stay or Should I Go? Intergenerational Transfers and Residential Choice: Evidence from China”** with Max Groneck and Rob Alessie, (R&R at China Economic Review) [[Link](#)].

*Q: Do different kinds of early-life transfers received from parents influence the location decision of the child and, hence, the differential caregiving at older ages?*

- **“Children or Work? The Impact of Fertility on Old-age Labour Supply”** (JMP) [[Link](#)].

*Q: Does having more children or more male descendants, potentially as old-age security, save elder parents from “working until you drop”?*

### WORK IN PROGRESS

- **“Adaptation to weather shocks: rural-urban migration, human capital, and consumption smoothing”** with Zichen Deng.

*Q: How do households’ adaptation strategies to weather shocks shape rural-urban migration and influence human capital development and consumption smoothing?*

## CONFERENCE PRESENTATIONS

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- German Economic Association (VfS) Annual Conference (online); European Association of Labour Economics Annual Conference (EALE) (online); Pension Day of Network for Studies on Pensions, Aging and Retirement (Netspar), Utrecht, the Netherlands; SOM PhD conference (online). 2021

- Annual Congress of European Economics Association (EEA) (online); New Paper Session of the Royal Dutch Economic Association (online); EEF brownbag seminar, Groningen, the Netherlands. 2020
- Pension Day of Network for Studies on Pensions, Aging and Retirement (Netspar), Utrecht, the Netherlands. 2019
- SOM PhD conference, Groningen, the Netherlands. 2018
- Accepted (canceled due to COVID-19): Symposium of Junior Researchers of Royal Economic Society (RES), Annual Meeting of Society of the Economics of the Household (SEHO), Annual Conference of the European Society for Population Economics (ESPE).

## TEACHING AND SUPERVISION EXPERIENCE

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- Master level: Research Methods in Finance, STATA Computer Practical 2018/19
- Bachelor level: Statistics II for International Business, Tutorial 2018/19, 2019/20, 2020/21
- Scheduled: Economics for IB and Statistics I for IB, Tutorial 2021/22
- Thesis supervision: Bachelor's Thesis E&BE-Economics (6) and Master's Thesis Economics (6) 2021/22

## HONORS, AWARDS AND FELLOWSHIP

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- Full Scholarship of Research Master, University of Groningen 2016/17, 2017/2018
- Excellent Graduate of Zhejiang province 2016
- Outstanding scholarships, Zhejiang Gongshang University 2013/14, 2014/15, 2015/16
- ARC Centre of Excellence in Population Ageing Research (CEPAR) affiliate Since 2021

## LANGUAGE

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Chinese (native), English (fluent), Dutch (A1).

## OTHER SKILLS

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STATA, Matlab, SPSS, Latex.

## REFERENCES

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### **R.J.M. (Rob) Alessie**

Full Professor  
EEF, Faculty of Economics and Business,  
University of Groningen, The Netherlands  
<https://www.rug.nl/staff/r.j.m.alessie/>  
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### **Max Groneck**

Associate Professor  
EEF, Faculty of Economics and Business,  
University of Groningen, The Netherlands  
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### **Viola Angelini**

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ABSTRACTS

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- **Should I Stay or Should I Go? Intergenerational Transfers and Residential Choice: Evidence from China**

We study the impact of parental transfers to their children in early life on the child's support to the parents at older ages either in time or with money. We conjecture that the type of transfer from the parents has an impact on what kind of help they receive from their children. Using data from the China Health and Retirement Longitudinal Study (CHARLS) we find that transfers in children's education are associated with higher financial help at older ages. In contrast, transfers to support the children's marriage are positively linked with time support, such as more visits, from children to their parents. The children's residential decisions are identified as an important mechanism: transfers into education tend to let children move further away whereas marital transfers are associated with children staying closer to one's parents.

- **Children or Work? The Impact of Fertility on Old-age Labour Supply**

In this paper, I study the causal effect of fertility outcomes on the old-age labor supply in China. I employ an instrumental variable method exploiting the regional variation in family planning policies and the sex of the firstborn within families. Results show that an additional child (son) significantly reduces the probability of working at post-retirement age by 17.7 (19.8) percentage points for rural parents. The impact of having children is particularly present among the more vulnerable groups with worse health and low pension benefits. As a potential mechanism, I find a positive impact of family sizes on the total financial support by children. Overall, my results suggest that population policies that aim at reducing fertility might jeopardize the well-being of the elderly by compelling old-age parents in poor health to continue working.