**Clark, J** and Minton, J. Driving Segregation: Age, gender and emerging inequalities. Chapter for *Geographies of Transport and Ageing.*Palgrave.

**6-8000 words including references. End of April**

***Q: is the issue word count or space (ie a word equivalent per table or image)***

***Q: is there any online appendix we could link to? Would it be ok to include in image a link to colour versions***

**Mobility [inequality by age, class - implications]**

**Gender**

**Generation**

**Cohort (increasing equality followed by increasing inequality (moving equal high to equal low by gender….implications; convergence on lower mobility cohort, for the future?)**

**- sub-issue of conversion of license holding to driving**

1. **Schematic table?  (cohort,  gender, broad characterisation)**
2. **Numeric table proportion of driving licence by age…also conversion**

**Add urban space issue transport poverty/ forced car ownership/ pushed to the periphery**

**[rethink the ‘public’ aspect of public transport?] – implications of the sharing economy? Resource managed more efficiently used by more people**

**INTRO:**

**Establish mobility and inclusion, multiple conceptualization of ‘age’ and car as ultimate mobility**

**LIT:**

1. **Proxy for intergenerational disadvantage**

**RQs: key importance of mobility and accessibility in social exclusion; amplified in later years. Young people as old people in waiting and recursive relationship between urban space and transport implications. Infrastructure changes have long term implications**

**CORE DATA:**

1. **Schematic table?  (cohort,  gender, broad characterisation)**
2. **Numeric table proportion of driving licence by age…also conversion**

**DISCUSSION:**

* **Urban space and transport**
* **Q of Age and physical isolation**
* **£££ Funding of transport and spatial dispersion of amenities**

**THE FUTURE:**

* **Platform economics (blur of private and public) and sharing economy as potential cures (Under-utilisation of assets relative to full capacity; more self-driving cars?). Active travel and greater longevity**

**[281 WORDS]**

THE PURPOSE OF THIS NEXT CHUNK OF TIME IS TO START DEVELOPING UP TO AROUND 2000 WORDS WORTH OF MATERIAL FOR JULIE’S PAPER. THIS PAPER WILL INTRODUCE THE DATA FROM THE LEXIS SURFACES AND SHOW HOW THEY CAN BE USED TO ILLUSTRATE A NUMBER OF PATTERNS AND TRENDS THAT HAVE OCCURRED IN RECENT YEARS IN THE UK. THESE PATTERNS AND TRENDS RELATE FIRSTLY TO THE PROPORTION OF PEOPLE THAT HAVE DRIVING LICENCES, AND SECONDLY TO THE PROPORTION OF THOSE WITH DRIVING LICENCES THAT HAVE ACCESS TO A CAR OR OTHER VEHICLE. THE DATA USED ARE ALL BUT THE FIRST TWO WAVES OF THE BRITISH HOUSEHOLD PANEL SURVEY, COVERING THE YEARS 1993 TO 2008 INCLUSIVE.

AS I AM WRITING, I WILL FIRSTLY IMPORT AND DISCUSS SOME EXISTING FIGURES, AND WITHIN THESE PROVIDE ADDITIONAL COMMENTS TO MYSELF ABOUT THE KINDS OF ADDITIONAL MODIFICATIONS REQUIRED. I WILL ALSO LEAVE SOME COMMENTS FOR MYSELF ABOUT WHICH TYPES OF TABLE SHOULD BE PRODUCED TO GO ALONGSIDE THE FIGURES. I SHOULD CONSULT WITH THE MATERIAL WRITTEN ABOVE IN ORDER TO MAKE SURE I AM KEEPING ON TRACK. THERE ARE A NUMBER OF INTERESTING ISSUES TO COVER IN THE DISCUSSION SECTION BUT I SHOULD ADDRESS THIS LAST TO MAKE SURE THE MORE IMPORTANT AND NECESSARY MATERIAL, SUCH AS DISCUSSING THE DATA USED AND METHODS, IS COVERED AND IN PLACE. I WILL ALLOW MYSELF TO LOOK AT THE CODE TO ANSWER A NUMBER OF QUESTIONS ABOUT THE TYPES OF CATEGORISATION USED, BUT WILL TRY TO AVOID PRODUCING ADDITIONAL FRESH ANALYSES. AS IN THE WRITING RETREAT, I WILL PAY ATTENTION TO THE NUMBER OF WORDS I BEGIN AND START EACH SESSION WITH, AND WILL SAVE EACH SESSION AS A SEPARATE DOCUMENT. THESE WILL BE CONTAINED ON THE DRIVING SEGREGATION REPOSITORY RATHER THAN IN THE WRITING REPOSITORY FOR NOW, THOUGH I MAY CHANGE MY MIND LATER.

THE ABOVE SECTIONS ARE WORTH WRITING DOWN AGAIN TO STRUCTURE THE UPCOMING TASKS. WRITING SOME TOPIC SENTENCES MAY BE A GOOD WAY TO DEVELOP THIS MATERIAL WHILE STILL WRITING IN SENTENCES AND PARAGRAPHS RATHER THAN A SERIES OF BULLET POINTS AND LISTS.

[348 WORDS]

# Introduction [300-600 words]

Many preferences, attitudes, skills, competencies, propensities, proclivities, vulnerabilities and behaviours become established at a particular age or stage in the life course, then are largely maintained without substantial modification throughout later life. Stages in the life course in which these sustained patterns of being are particularly likely to be established, and then subsequently maintained, have been called ‘critical periods’ in life course epidemiology, in which the first few days, weeks, months and years of life are often considered of particular importance. The transition from childhood to adulthood should also be considered a critical period for adoption of a great many social skills and habits, including both the acquisition of a vehicle driving licence, and the propensity, amongst those licenced to drive, to own a car and drive on a daily basis.

The concept of critical periods in a life course perspective highlights the importance of understanding the conditions which people are exposed to at key life course stages. Exposure to favourable conditions during a critical period can help ensure a positive transition leading to better outcomes at all subsequent stages in the lifecourse; conversely poor conditions during a critical period can lead to individuals setting off on a much less favourable lifecourse trajectory. The concept of critical period within the life course can therefore provide important insights into two related substantive issues: firstly, the many differences in behaviour and outcomes that are often observed to operate across generational lines; and secondly, the persistence and apparent transmission of relative advantage or disadvantage from one generation to the next. Thinking about critical periods is therefore vital for helping to understand both large scale patterns of persistent differences, and persistent continuity, which exist when comparing generations.

In the UK, as in much of the rest of the affluent world, the acts of learning to drive, acquiring a driving licence, and subsequently owning a car and adopting a car-dependent lifestyle, all tend to begin around the critical period of the transition from childhood to adulthood, with the 17 the age at which people can first apply for, take, and potentially pass, a driving licence test. At this age both one’s peers and one’s parents comprise much of the ‘environment’ within which the critical period occurs, with both peers and parents likely exerting strong influence on the habits and preferences of young adults, and parents – through additional intermingling paths of genetic and economic transmission – likely a key influence on whether these preferences can be acted upon. In the case of learning to drive, a key factor is therefore affordability, and whether, regardless of the level of mobility preference in those making the transition from childhood to adulthood, the level of opportunity to act on such mobility preferences, to afford the increasing and increasingly expensive number of lessons required to pass a UK driving test, is equally available to all wishing to acquire this skill, and if not whether these inequalities of opportunity at a critical period have changed over time.

We also argue that placing an emphasis on childhood-to-adulthood as a key critical period for the acquisition of a driving licence, and subsequently to drive, is important for thinking about the kinds of mobility challenges and opportunity that may emerge over subsequent decades. From a critical-period focused life course perspective, the young adult is the parent of the middle aged adult and the grandparent of the pensioner. If vehicle-related mobility is not acquired by someone as a young adult, therefore, what might the implications be for mobility at older ages?

[585 WORDS]

NEXT STEPS: TO WRITE THE METHODS SECTION. TO MAKE SURE TO COVER EACH SECTION IN AS MUCH DEPTH AS NEEDED AND NOT ANY MORE. TO START TO FLESH OUT SOME OF THE SUBSECTIONS IN THE RESULTS SECTION.

# Methods [1000 words]

## Lexis Surfaces [250-500 words]

## Data [500-750 words]

### Origins of survey

### Questions used

### Educational Groupings

### Urban-rural groupings

# Results

# Discussion