

The effect of social & economic transitions on children & young people

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Developmental influences

- Children and young people are in constant change
- All aspects of the environment are potential determinants of how children develop
- Family environment, and affluence are two key candidate factors that determine development
- The experience of change itself may affect development



NILS Beta test

- Do changes in household affluence affect children living in the household in terms of:
 - Mental health
 - Physical health
 - Academic achievement



Northern Ireland Longitudinal Study Cohort

- Health card registration data
 - NILS members selected based on 104 dates of birth
 - Identifies individuals
 - Identifies home address
 - Change of address at 21 time points from Apr 2001 to Apr 2011
- NILS cohort comprises c.28% of NI population
- Cohort lives in c.50% of residential households in NI
 - Non cohort member Census returns provide household characteristics, and characteristics of family members

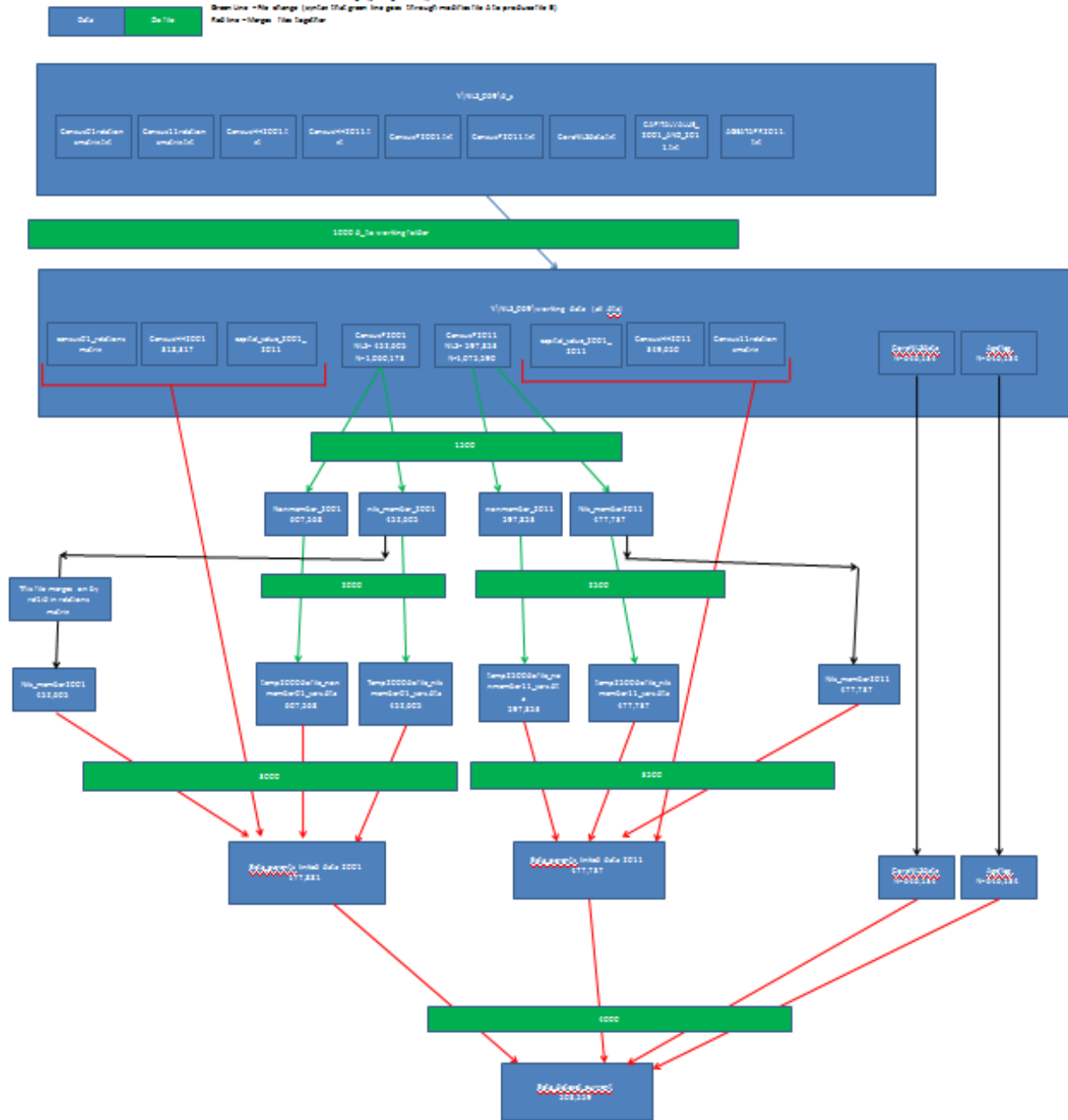


Data linkage

- Land and property services
 - The reasonable open market sale price of every property in Northern Ireland (as of 2005)
- Census 2001
 - Social/ private rented vs. owner occupier
- Census 2011
 - Social/ private rented vs. owner occupier
 - Mental & physical health
 - Educational qualifications
- Relationships within Census household



Blank line - Link two files with no change (joining line only)
 Green line - No change (joiner that goes line goes through modification to be produced by R)
 Red line - Merge files together



Study cohort

- 182,545 individuals
- Enumerated in both 2001 and 2011 Censuses
- Under the age of 18 in 2001

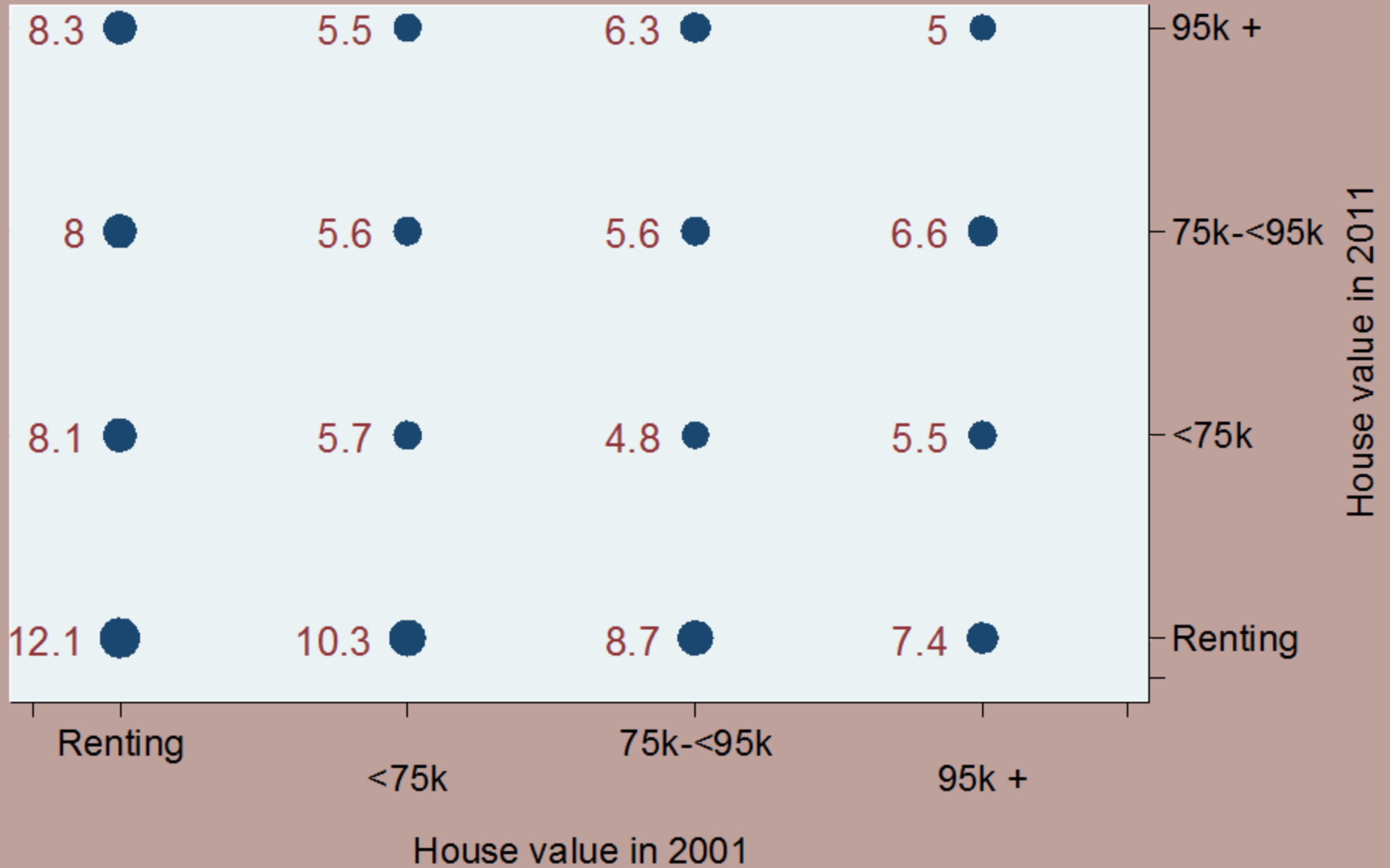


Study cohort

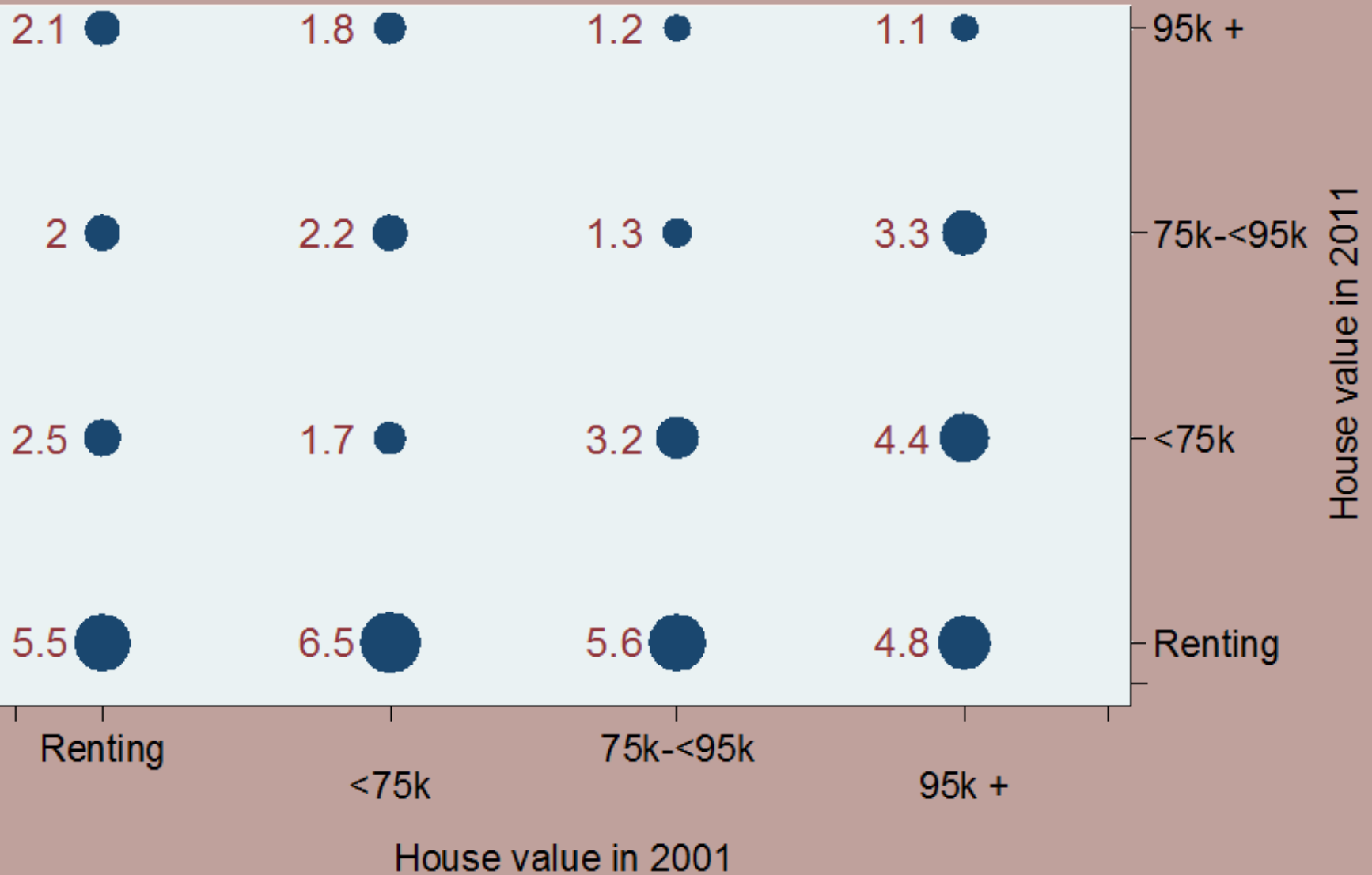
Variable		Frequency (%)
Mental health condition	No	176,680 (98)
	Yes	3,349 (2)
Physical health condition	No	169,049 (94)
	Yes	10,980 (6)
No qualifications	No	69,994 (87)
	Yes	10,887 (13)



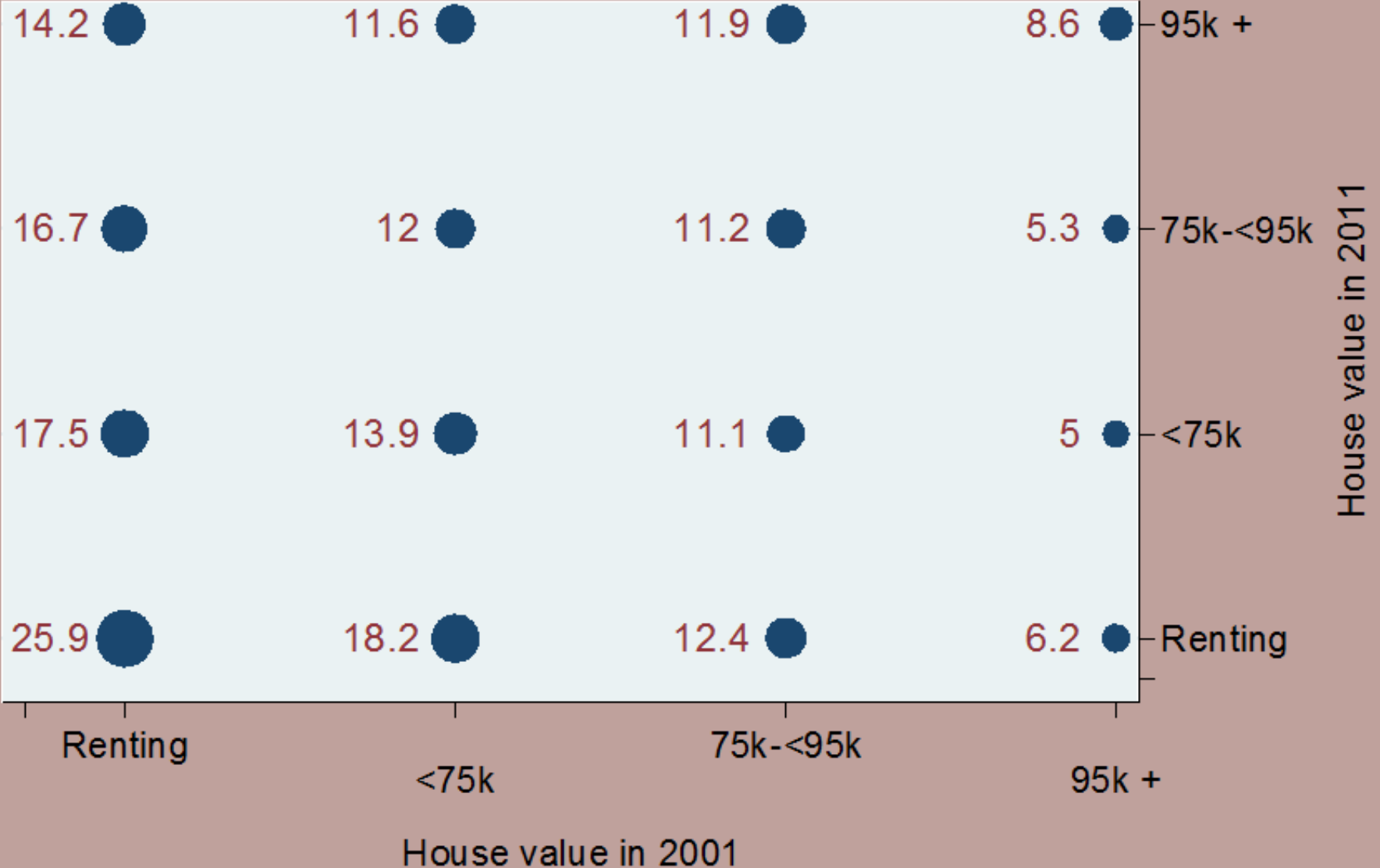
Percentage with a physical disability by economic transitions



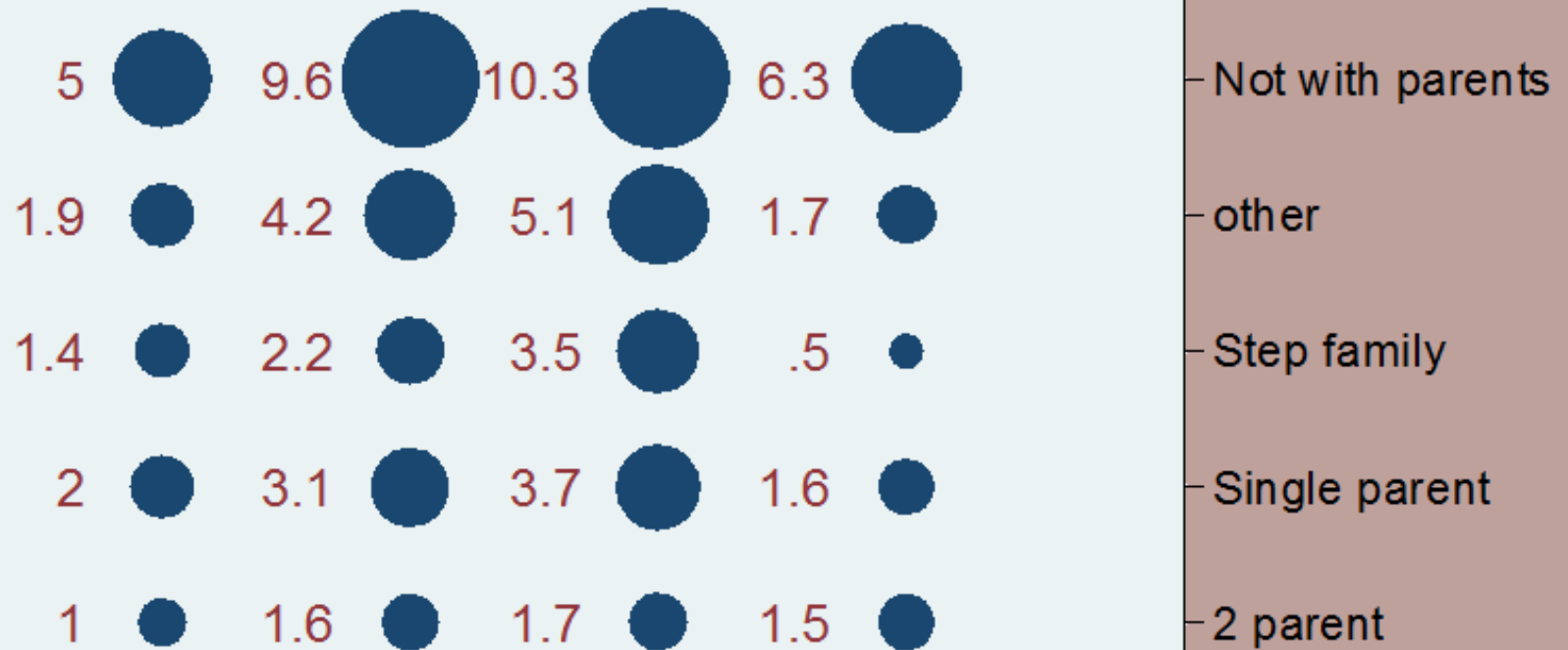
Percentage in poor mental health by economic transitions



Percentage with no qualifications by economic transitions



Percentage in poor mental health by family transitions



Living arrangements 2011

2 parent

Single parent

Step family

other

Living arrangements in 2001

Next steps

- Direction of effect
 - Does child health affect economic position or vice versa?
- Reason for transition
 - Parental separation, parent death, job loss
- Timing of transition
 - Critical developmental periods, economic downturn
- Reason for effect
 - Parental mental health, family conflict, financial resource
- Questions for SDAI Phase 2:
 - Families, Adolescents and Children in Transition



Thank you

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