

*Final Report*

# **Linkages among housing assistance, residential (re)location, and use of community health and social care by old-old adults: shelter and non-shelter implications for housing policy development**

## **APPENDICES**

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## Appendix A: Summary of Measures

The following provides details of measures used in ALSA, which were assessed at each Wave, unless stated otherwise. A number of variables were reverse scored, so that all measures indicated a positive outcome. For example, high scores on self-appraisal of life expectancy indicated that participants were more likely to live another 10 years. A number of exceptions are noted below.

### Demographics

Listed below are a limited number of demographic indicators. The majority of measures were categorical variables, which do not need further explanation. Details of each variable can be located in Appendix B, which includes categories and numerical codings.

- **Education:** Assessed using the item “How old were you when you left school?” A dichotomous variable was created, indicating two groups: 14 years and under, and 15 years and over.
- **Country of Origin:** Assessed using the item “In which country were you born?” Responses included Australia, UK/Ireland, Italy, Greece, Yugoslavia, Holland, Germany, New Zealand, Poland, Middle East, South East Asia, Other European, South America, United States/Canada, South Africa. Countries were dichotomised into English-speaking, versus non-English speaking.
- **Total Assets:** Assessed using the item “Suppose you needed money quickly, and you cashed in all of your cheque and savings accounts, any stocks and bonds, and real estate (other than your principal home). About how much would this amount to?” Asset ranges are detailed in Appendix B.
- **Source of Income:** Participants were asked to list which sources of income they currently received, which included wages/salary, superannuation, income from own business/partnership, interest dividends or rent, workers compensation, age pension, carer’s pension, disability support pension, widowed person’s allowance, overseas pension, repatriation pension, repatriation TPI, other pension and other source of income. A dichotomous variable was created, combining all respondents who relied on a pension only, compared with those who had multiple sources of income (which may have included a part pension).

### Housing

Type of accommodation, home type, market value of home, weekly rent / home repayments, relocation, plans to move again, name down for age-specific accommodation, difficulties with home maintenance and household composition are detailed sufficiently in Appendix B. Below are housing items that have either been created using existing data, or need further explanation.

- **Tenure:** Tenure, which was assessed at all Waves, indicated whether participants lived in public rental, private rental, or owned their own home. The variable was created using responses to 2 items: “Is this house, flat or unit being paid off by you or is it owned by you or any other usual resident of the household?” and “Who is the rent paid to?” The latter was asked only of participants who indicated renting their accommodation in a previous item. Responses included South Australian Housing Trust, which was classified as public housing, and person in dwelling, landlord/real estate agent or other rent, which was classified as private rental. Respondents who indicated owning their home or paying it off in the first item were classified as home owners. A number of respondents were not stated for tenure, either because they were missing data on both items, or they had indicated both owning a home and renting, and it could not be determined which was their primary residence.

- **Duration of Residence:** Assessed by combining responses to the items “When did you move into this house, flat or unit (before 1970, 1970-1974, 1975-1979, after 1979)?” and “Please specify which year you moved into this house, flat or unit (if after 1979)”, which were only reported at Wave 1. Categories were computed according to the year stated and the year of the survey (ie. 1992, 1994 and 2000). For Wave 3 and Wave 6 variables, variables were duplicated from Wave 1, and recalculated for the change in survey year. In addition, participants who had indicated relocation between Waves 1 and 3 or 3 and 6 were reclassified as having less than 5 years duration of residence.
- **Difficulties with Home Maintenance:** Assessed using response to difficulties with Instrumental Activities of Daily Living, with home maintenance/gardening tasks being one activity amongst a list of ten. For further information, refer to IADLs in health and service use section below.
- **Comfort of Residence:** Assessed only at Wave 1 using the item “Would you say that you find living in this house, flat or unit very comfortable, comfortable or uncomfortable?” Responses ranged from uncomfortable (1) to very comfortable (3).
- **Condition of Residence:** Assessed only at Wave 1 using the item “Overall would you say this house, flat or unit is in good, average or poor condition?” Responses ranged from poor (1) to good (3).
- **Home Hazards:** Assessed only at Wave 1 using the item “Are there any things about your home that make daily living more difficult (such as poor lighting, steps, chair that is too low)?” with participants responding ‘yes’ or ‘no’.
- **Home Alterations for Independent Living:** Assessed only at Wave 6 using the item “Are there changes or alterations required to the home which would make it easier or safer for you to live here or to live more independently?”, with participants responding ‘yes’ or ‘no’. For those who responded ‘yes’ only, they were then asked to indicate which main alterations were necessary, from a list which included rails or bars straps; doors widened or door swing changed; ramps or changes to floors, steps, paths, drives; new or changed heating or air conditioning; security locks; general maintenance; structural changes; and multiple changes.

## Health and Service Use

The following section includes details of health and service measures utilised. The number of falls in the past year and medical conditions experienced by participants will not be addressed below, as sufficient explanation can be located in Appendix B.

**Self-rated Health:** Assessed using a single item based on Australian National University and Duke University Surveys. Participants were asked to rate their overall state of health at the time of the survey, with responses ranging from poor (1) to excellent (5).

- **Health Trajectory:** Based on the above surveys, health trajectory was assessed using the item “Is your health now better, about the same, or not as good as it was about twelve months ago?” Responses ranged from not as good (1) to better (3).
- **Activities of Daily Living (ADLs):** Limited capacity to perform ADLs (and IADLs below) are recognised to be associated with poor health, and were included as a measure of functional health status. Activities included bathing, personal grooming, dressing, eating, using the toilet, going to or getting around a place away from home, moving about inside the house, and getting from a bed to a chair. Participants were asked whether or not they had difficulty performing each activity, and scores were summed across activities, ranging from 0 – 8, with higher scores indicating poorer health (ie. more problems).



- **Instrumental Activities of Daily Living (IADLs):** Participants were asked to indicate difficulty with IADLs, which included laundry, light housework, heavy housework, home maintenance / gardening, preparing own meals, using the telephone, managing own money, writing letters, using public transport, and shopping for groceries or other necessities. Scores were summed across activities, and ranged from 0 – 10, with higher scores indicating poorer functional health.
- **Functional Ability:** Assessed using a combination of items according to Nagi (1976). Included self-assessment of difficulty to pull or push large objects (eg. living room chair), stoop crouch or kneel, lift or carry 10 pound weights (eg. heavy shopping bag), reach or extend arms above shoulders, writing or handling small objects, walk up and down stairs to the second floor, walk half a mile without help and conduct light housework. Response categories included 5-point, 4-point and 3-point likert scales. Each activity was dichotomised into difficulty versus no difficulty with a particular task. Scores were summed, and ranged from 0 – 8, with higher scores indicating better functional ability.
- **Nursing Home likely for self / spouse:** Assessed at Wave 1 and 3 only using the items “How likely do you think it is that you (your partner/spouse) will need long-term care in a nursing home at some point during your lifetime?” Responses ranged from very likely (1) to very unlikely (4), with higher scores indicating a better outcome.
- **Life Expectancy for self / spouse:** Self-appraisal of life expectancy was assessed at Wave 1 and 3 only using the item “How likely do you think it is that you (your partner/spouse) will live for another ten years?” Responses ranged from very unlikely (1) to very likely (4), with higher scores indicating a positive outcome.
- **Support Preference:** Assessed participants preferred choice of future housing / support using the single item “If you and your husband or wife or partner had health problems which made you very dependent on others, do you think you would want to stay at home with outside help, move in with children, move to a home for the aged, or move to a nursing home?”
- **Health Professionals Consulted:** Participants were asked to indicate which health professionals they had consulted in the year prior to survey, at Wave 1 and 6 only, in order to assess utilisation of medical and support services. The list of health professionals included seventeen different practitioners, including a GP, a district, home or community nurse, a dietician or a chiropractor to name a few. Scores were summed across each professional, ranging from 0 –17. Due to low responses, scores were reduced to consultation with 0, 1, 2, 3 or 4+ professionals. It may be noted that the frequency of consultation was not assessed by this item, only the diversity of practitioners visited.
- **Service Use:** Participants were asked to indicate whether or not they received help from care organisations for difficulties with ADLs and IADLs in the year prior to survey. Services included Domiciliary Care, local government or council, Meals on Wheels, private home care from nursing organisation, paid help, other help, Royal District Nursing Society, Royal Society for the Blind and Australian Hearing Service. Responses were combined across each specific ADL or IADL, classifying participants as either service users (1) or non-users (0). In addition, use of each specific service was also summed, determining the number of different community services accessed. Scores ranged from 0 – 3, indicating utilisation of 0, 1, 2, or 3 or more services. As noted with health professionals, this variable only indicated the diversity of service use, not the frequency.

## Psychological and Cognitive

Detailed below are psychological and cognitive measures included in the study. As variables have been previously utilised by many co-investigators of ALSA, assessment of internal consistency has been conducted and published on most indicators below. Therefore, Cronbach's alpha will only be reported for measures which have been specifically created for this study, which include social support variables in the proceeding section.

- **Depression:** Assessed using the 20-item Centre for Epidemiological Studies - Depression Scale (CES-D; Radloff, 1977). Examples of items included "I was bothered by things that usually don't bother me" and "I thought my life had been a failure." Participants were asked how often over the past week they had felt with respect to each statement. Responses ranged from rarely or none of the time (0) to most or all of the time (3), with summed scores between 0 and 60, with higher scores indicating more depression.
- **Morale:** Assessed using a 15-item version of the Philadelphia Geriatric Center Morale Scale (Lawton, 1975). Morale captures a more global aspect of psychological health, with participants responding to items such as "Life is difficult for you much of the time" and "You have a lot to be happy with." Respondents were asked to agree (1) or disagree (2), with summed scores ranging from 15 to 30, and higher scores indicating better morale.
- **Self-Esteem:** Assessed using the Bachman, O'Malley and Johnson (1978) revision of the Rosenberg (1965) self-esteem scale. Participants were asked to respond to items such as "I feel that I have a number of good qualities" and "I am a useful person to have around." The 10-item questionnaire was answered on a 5-point likert scale, from never true (1) to almost always true (5), with higher summed scores (range 10 – 50) indicating greater self-esteem.
- **Expectancy of Control:** Personal control was assessed using a 12-item version of the Expectancy of Control subscale of the Desired Control Measure (Reid and Ziegler, 1981). The subscale examines the degree of control an elder believes they possess in their involvement with others, daily activities, and health, with items including "I find that I am able to arrange for friends to come and visit me regularly." Responses ranged from strongly agree (1) to strongly disagree (5), with summed scores between 12 and 60, and lower scores indicating a greater (more internal) expectancy of control.
- **General Well-being:** This variable was created from existing data to capture the three main areas of well-being, which include cognitive ability, physical health, and affect (Lawton, 1991). Each construct was operationalised using the Mini Mental Status Examination (MMSE; Folstein, Folstein and McHugh, 1975), self-rated health and the CES-D (Radloff, 1977) respectively. The CES-D was reverse scored, so that higher scores indicated less depression (ie. a positive outcome). Scores for each measure were standardised, then summed to give an overall measure of general well-being. A constant of 10 was added, to obtain a range of scores between approximately 3 and 14, which differed slightly between Waves. Higher scores indicated better general well-being.
- **Personal Satisfaction:** Assessed at only Wave 1 and 6, participants were asked to indicate their general satisfaction with a number of life domains, which included place you live, physical health, finances, friendships, marriage, family life, handling problems and life in general. Responses ranged from very dissatisfied (1) to extremely satisfied (5).

- **Life Satisfaction:** Assessed at Wave 3 and 6 only, using two items from the Satisfaction with Life Scale (Diener, Emmons, Larsen and Griffin, 1985) which included “So far I have gotten all the important things I want in life” and “If I could live my life over I would change almost nothing.” Responses ranged from strongly disagree (1) to strongly agree (6), with summed scores between 2 and 12.
- **Personal Growth:** Assessed at Wave 3 only using 3 items, which included “I am the kind of person who likes to give new things a try,” “I gave up trying to make big improvements and changes in my life long ago” and “For me, life has been a continuous process of learning, changing and growth.” Responses ranged from strongly disagree (1) to strongly agree (6), with summed scores between 3 and 18, and higher scores indicating greater personal growth.
- **Purpose in Life:** Assessed at Wave 3 only using 3 items, which included “I have a sense of direction and purpose in life,” “I used to set goals for myself but now that seems like a waste of time” and “I enjoy making plans for the future and working to make them a reality.” Responses ranged from strongly disagree (1) to strongly agree (6), with summed scores between 3 and 18, and higher scores indicating greater purpose in life.
- **Cognitive Functioning:** Assessed using the Mini Mental Status Examination (MMSE; Folstein, Folstein and McHugh, 1975). The measure is used widely in ageing research to gauge general cognitive ability and screen for possible cognitive impairment. The questionnaire examines areas such as recall, orientation, and calculation, to name a few. Participants were assessed on whether or not their responses to each item (eg. “What is the date today” or “Spell WORLD backwards”) were correct. Summed scores ranged between 0 and 21 for Wave 1 (as a limited version of the MMSE was used at this Wave) and 0 and 30 for Waves 3 and 6. Higher scores indicated better cognitive functioning. Dichotomised variables were also created to indicate cognitive impairment, with participants receiving a score of less than 16 or 23 for Wave 1 or Waves 3 and 6 respectively displaying impairment.

## **Social Support, Activities and Life Events**

Family network and other network are detailed sufficiently in Appendix B, which refer to the size of both social networks, and were determined by summing the number of children and grandchildren, or friends and other relatives respectively. In addition, social membership, change in driving frequency and life events (assault, robbery and bereavement) can also be located in Appendix B. Variables detailed below require further explanation. As noted above, internal consistency was calculated for community residents only on all aggregate variables.

- **Social Contact with Family:** This variable was an aggregate of 6 social contact items, which measured the degree of contact with both children and grandchildren in person, on the phone and by mail. For example, participants were asked “Think of your children and and/or children-in-law who do not live with you. In the past twelve months, how often did you have personal contact with at least one of them?” Responses ranged from never (0) to more than once per week (5), with summed scores between 0 and 30. The variable had good internal consistency, with standardised Cronbach’s  $\alpha = .64$ ,  $.79$  and  $.79$  for Waves 1, 3 and 6 respectively.

- **Satisfaction with Contact with Children:** This variable was only assessed at Wave 1, which combined responses to two items which asked participants “Would you say you were very happy, reasonably happy, a little unhappy, or very unhappy with the contact you have with your children (grandchildren) or children-in-law?” Responses ranged from very unhappy (1) to very happy (4). Cronbach’s alpha was calculated which revealed good reliability,  $\alpha = .72$  (standardised).
- **Support from Children:** Assessed the level of support with everyday tasks that participants received from their children. This included helping when they were ill, giving gifts, shopping or running errands, helping with money, maintaining or cleaning the house, preparing meals and driving to places such as the doctor or church. Responses ranged from never (0) to often (3), with scores summed across the 7 items (range 0 – 21). Strong reliability was obtained, with standardised Cronbach’s  $\alpha = .82, .80$  and  $.83$  at Waves 1, 3 and 6 respectively.
- **Instrumental Support:** This variable was only assessed at Wave 1, which examined the amount of practical support that participants had available to them. An aggregate of three items was created, which asked participants whether they had someone to help around the house or take care of them if they were sick, if in an emergency they had someone to call on who could help straight away, and if they had someone they could count on for extra help with daily tasks such as shopping or cleaning. Scores for each item were summed across responses (yes (1) or no (0)), and ranged from 0 – 3. Good internal consistency was calculated, with standardised Cronbach’s  $\alpha = .74$ .
- **Emotional Support:** This variable was an aggregate of two items, which assessed the availability of confidants to provide emotional support. Participants were asked “From all the people you know, including your partner, relatives and friends, is there any one special person (any other special person) that you feel very close and intimate with – someone you can share confidences and feeling with, someone you feel you can depend on?” Scores for both items were summed across responses (yes (1) or no (0)), and ranged from 0 – 2. Good reliability was obtained, with standardised Cronbach’s  $\alpha = .67, .77$  and  $.73$  at Wave 1, 3 and 6 respectively.
- **Activity Levels:** Assessed using the Adelaide Activities Profile (AAP; Clark and Bond, 1995). The 21-item measure examined the extent of involvement in four areas of lifestyle activities: Domestic Chores, Household Maintenance, Social Activities and Service to Others. For example, participants were asked “How often have you invited people to your home” and “How often have you done household and/or car maintenance?” Response categories varied between items, but were all based on a 4-point scale, and indicated participation in each activity in a typical 3-month period. Scores were summed for each subscale, and standardised to a mean of 50.0 and standard deviation of 20.0.
- **Driving Frequency:** Assessed using the item “How often do you drive a motor vehicle?” Responses ranged from never (1) to at least once a day (5).

## Appendix B.1: Descriptive statistics for all variables used in Wave 1.

Variable	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
<b>Demographics</b>								
<b>Age</b>	1959 (100.0)	0 (.0)	77.61 (6.37)	65 / 103	2087 (100.0)	0 (.0)	78.16 (6.69)	65 / 103
65 – 69	140 (7.1)			1	140 (6.7)			1
70 – 74	560 (28.6)			2	562 (26.9)			2
75 – 79	509 (26.0)			3	524 (25.1)			3
80 – 84	407 (20.8)			4	429 (20.6)			4
Over 85	343 (17.5)			5	432 (20.7)			5
<b>Sex</b>	1959 (100.0)	0 (.0)			2087 (100.0)	0 (.0)		
Male	1002 (51.1)			1	1056 (50.6)			1
Female	957 (48.9)			2	1031 (49.4)			2
<b>Marital status</b>	1959 (100.0)	0 (.0)			2087 (100.0)	0 (.0)		
Married / De facto	1340 (68.4)			0 / 1	1367 (65.5)			0 / 1
Widowed	510 (26.0)			0 / 1	594 (28.5)			0 / 1
Not Married	109 (5.6)			0 / 1	126 (6.0)			0 / 1
<b>Co-resident status<sup>b</sup></b>	1937 (98.9)	22 (1.1)						
Lives alone	525 (26.8)			1				1
Not alone	1412 (72.1)			0				0
<b>Widowed past 2 years</b>	1959 (100.0)	0 (.0)			2087 (100.0)	0 (.0)		
Yes	79 (4.0)			1	89 (4.3)			1
No	1880 (96.0)			0	1998 (95.7)			0
<b>Country of origin</b>	1959 (100.0)	0 (.0)			2087 (100.0)	0 (.0)		
English speaking	1746 (89.1)			1	1872 (89.7)			1
Non-English speaking	213 (10.9)			0	215 (10.3)			0
<b>Born in Australia</b>	1959 (100.0)	0 (.0)			2087 (100.0)	0 (.0)		
Yes	1330 (67.9)			1	1424 (68.2)			1
No	629 (32.1)			0	663 (31.8)			0
<b>Religion</b>	1946 (99.3)	13 (.7)			2065 (98.9)	22 (1.1)		
Anglican	560 (28.6)			1	599 (28.7)			1
Catholic	288 (14.7)			2	303 (14.5)			2
Uniting	494 (25.2)			3	527 (25.3)			3

	Community Sample				Total Sample			
<i>Variable</i>	<b>N (%)</b>	<b>Missing (%)</b>	<b>Mean (SD)</b>	<b>Min. / Max. Score</b>	<b>N (%)</b>	<b>Missing (%)</b>	<b>Mean (SD)</b>	<b>Min. / Max. Score</b>
Orthodox	17 (.9)			4	17 (.8)			4
Other	346 (17.7)			5	369 (17.7)			5
No religion	241 (12.3)			6	250 (12.0)			6
<b>Education (age left school)</b>	1943 (99.2)	16 (.8)			2061 (98.8)	26 (1.2)		
< 14 years	1080 (55.1)			0	155 (55.3)			0
> 15 years	863 (44.1)			1	906 (43.4)			1
<b>Annual income</b>	1833 (93.6)	126 (6.4)	1.96 (.93)	1 / 5	1930 (92.5)	157 (7.5)	1.94 (.93)	1 / 5
12 000 or less	628 (32.1)				686 (32.9)			
12 001 – 20 000	839 (42.8)				864 (41.4)			
20 001 – 30 000	207 (10.6)				219 (10.5)			
30 001 – 50 000	135 (6.9)				136 (6.5)			
Over 50 000	24 (1.2)				25 (1.2)			
<b>Total assets</b>	1644 (83.9)	315 (16.1)	2.28 (1.17)	1 / 4	1732 (83.0)	355 (17.0)	2.26 (1.18)	1 / 4
10 000 or less	605 (30.9)				656 (31.4)			
10 001 – 20 000	333 (17.0)				342 (16.4)			
20 001 – 50 000	346 (17.7)				359 (17.2)			
Over 50 000	360 (18.4)				375 (18.0)			
<b>Source of income</b>	1959 (100.0)	0 (.0)			2087 (100.0)	0 (.0)		
Pension only	655 (33.4)			0	724 (34.7)			0
Multiple (incl. Pension)	1304 (66.6)			1	1363 (65.3)			1
<b>Domicile</b>	1959 (100.0)	0 (.0)			2087 (100.0)	0 (.0)		
Community	1959 (100.0)			1	1959 (93.9)			1
Institution	0 (.0)			2	128 (6.1)			2
<b>Housing and housing related</b>								
<b>Tenure<sup>o</sup></b>	1871 (95.5)	88 (4.5)						
Public Rental	213 (10.9)			0 / 1				
Private Rental	111 (5.7)			0 / 1				
Home Owner	1547 (79.0)			0 / 1				
<b>Type of accommodation<sup>o</sup></b>	1936 (98.8)	23 (1.2)						
Independent	1737 (88.7)			0 / 1				
Group	107 (5.5)			0 / 1				
Retirement Village	92 (4.7)			0 / 1				
<b>Home type<sup>o</sup></b>	1959 (100.0)	0 (.0)						

	Community Sample				Total Sample			
<i>Variable</i>	<b>N (%)</b>	<b>Missing (%)</b>	<b>Mean (SD)</b>	<b>Min. / Max. Score</b>	<b>N (%)</b>	<b>Missing (%)</b>	<b>Mean (SD)</b>	<b>Min. / Max. Score</b>
House	1381 (70.5)			1				
Unit / flat	578 (29.5)			2				
<b>Market value of home<sup>o</sup></b>	1439 (73.5)	489 (26.5)	2.66 (.88)	1 / 4				
74 000 or less	139 (7.1)							
75 000 – 100 000	470 (24.0)							
101 000 – 150 000	571 (29.1)							
Over 150 000	259 (13.2)							
<b>Weekly rent<sup>b</sup></b>	315 (16.1)	1644 (83.9)	1.48 (.67)	1 / 4				
5 – 40	195 (10.0)							
41 – 80	92 (4.7)							
81 – 120	26 (1.3)							
120+	2 (.1)							
<b>Weekly home repayment<sup>o</sup></b>	56 (2.9)	1903 (97.1)	2.00 (1.10)	1 / 4				
3 – 5	26 (1.3)							
16 – 30	11 (.6)							
31 – 45	12 (.6)							
45+	7 (.4)							
<b>Duration of residence</b>	1908 (97.4)	51 (2.6)	3.13 (1.11)	1 / 4	1924 (92.2)	163 (7.8)	3.12 (1.11)	1 / 4
5 years or less	268 (13.7)				275 (13.2)			
5 – 10 years	262 (13.4)				267 (12.8)			
11 – 20 years	332 (16.9)				334 (16.0)			
20+ years	1046 (53.4)				1048 (50.2)			
<b>Relocation in past 3 years</b>	1949 (99.5)	10 (.5)			2068 (99.1)	19 (.9)		
Yes	178 (9.1)			1	234 (11.2)			1
No	1771 (90.4)			0	1834 (87.9)			0
<b>Plans to move again</b>	1903 (97.1)	56 (2.9)			1917 (91.9)	170 (8.1)		
Yes	119 (6.1)			1	120 (5.7)			1
No	1784 (91.1)			0	1797 (86.1)			0
<b>Name down for age specific accommodation<sup>b</sup></b>	1873 (95.6)	89 (4.4)						
Yes	274 (14.0)			1				
No	1599 (81.6)			0				
<b>Comfort of residence<sup>o</sup></b>	1917 (97.9)	42 (2.1)	2.72 (.47)	1 / 3				
<b>Condition of residence<sup>o</sup></b>	1917 (97.9)	42 (2.1)	2.80 (.43)	1 / 3				

	Community Sample				Total Sample			
<i>Variable</i>	<b>N (%)</b>	<b>Missing (%)</b>	<b>Mean (SD)</b>	<b>Min. / Max. Score</b>	<b>N (%)</b>	<b>Missing (%)</b>	<b>Mean (SD)</b>	<b>Min. / Max. Score</b>
<b>Home Hazards<sup>b</sup></b>	1956 (99.8)	3 (.2)						
Yes	112 (5.7)			1				
No	1844 (94.1)			0				
<b>Difficulties with home Maintenance<sup>b</sup></b>	1959 (100.0)	0 (.0)						
Yes	438 (22.4)			1				
No	1521 (77.6)			0				
<b>Household composition<sup>b</sup></b>	1937 (98.9)	22 (1.1)	.80 (.55)	0 / 2				
0	525 (26.8)							
1	1281 (65.4)							
2+	131 (6.7)							
<b>Health and service use</b>								
<b>Self-rated health</b>	1955 (99.8)	4 (.2)	3.09 (1.11)	1 / 5	2081 (99.7)	6 (.3)	3.07 (1.11)	1 / 5
<b>Health trajectory</b>	1955 (99.8)	4 (.2)	1.84 (.64)	1 / 3	2079 (99.6)	8 (.4)	1.84 (.64)	1 / 3
<b>Activities of daily living (ADLs)<sup>a</sup></b>	1959 (100.0)	0 (.0)	.32 (.92)	0 / 8	2087 (100.0)	0 (.0)	.38 (1.05)	0 / 8
<b>Instrumental activities of daily living (IADLs)<sup>a</sup></b>	1959 (100.0)	0 (.0)	.79 (1.47)	0 / 9	2087 (100.0)	0 (.0)	.81 (1.53)	0 / 9
<b>Functional ability</b>	1959 (100.0)	0 (.0)	6.71 (1.89)	0 / 8	2087 (100.0)	0 (.0)	6.54 (2.03)	0 / 8
<b>Falls in past year<sup>a</sup></b>	1956 (99.8)	3 (.2)	.44 (.82)	0 / 3	2081 (99.7)	6 (.3)	.44 (.83)	0 / 3
<b>Medical conditions<sup>a</sup></b>	1959 (100.0)	0 (.0)	5.29 (2.96)	0 / 18	2087 (100.0)	0 (.0)	5.33 (3.00)	0 / 18
<b>Nursing home likely for self in future<sup>b</sup></b>	1735 (88.6)	224 (11.4)	2.85 (.80)	1 / 4				
<b>Nursing home likely for Spouse in future<sup>b</sup></b>	1224 (62.5)	735 (37.5)	2.77 (.82)	1 / 4	1248 (59.8)	839 (40.2)	2.76 (.83)	1 / 4
<b>Ten year life expectancy for self</b>	1803 (92.0)	156 (8.0)	2.83 (.85)	1 / 4	1917 (91.9)	170 (8.1)	2.79 (.86)	1 / 4
<b>Ten year life expectancy for spouse</b>	1265 (64.6)	694 (35.4)	2.95 (.83)	1 / 4	1290 (61.8)	797 (38.2)	2.94 (.83)	1 / 4
<b>Support preference if Become dependent<sup>b</sup></b>	1913 (97.7)	46 (2.3)						
Stay at home with help	1451 (74.1)			0 / 1				
Move in with children	61 (3.1)			0 / 1				
Move to home for aged	201 (10.3)			0 / 1				



<i>Variable</i>	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
Move to nursing home	200 (10.2)			0 / 1				
<b>Health professionals consulted in past year<sup>a</sup></b>	1956 (99.8)	3 (.2)	2.62 (1.13)	0 / 4	2079 (99.6)	8 (.4)	2.64 (1.13)	0 / 4
<b>Service user</b>	1959 (100.0)	0 (.0)			2087 (100.0)	0 (.0)		
Yes	316 (16.1)			1	357 (17.1)			1
No	1643 (83.9)			0	1730 (82.9)			0
<b>Services used in past year</b>	1959 (100.0)	0 (.0)	0.21 (.54)	0 / 3	2087 (100.0)	0 (.0)	0.22 (.54)	0 / 3
<b>Psychological and cognitive</b>								
<b>General well being</b>	1858 (94.8)	101 (5.2)	10.18 (1.95)	5.00 / 13.59	1968 (94.3)	119 (5.7)	10.10 (1.99)	5 / 13.59
<b>Depression<sup>a</sup></b>	1876 (95.8)	83 (4.2)	7.92 (7.19)	0 / 48	1993 (95.5)	94 (4.5)	8.23 (7.42)	0 / 48
<b>Morale</b>	1170 (59.7)	789 (40.3)	24.92 (3.44)	15 / 30	1207 (57.8)	880 (42.2)	24.87 (3.45)	15 / 30
<b>Self-esteem</b>	1199 (61.2)	760 (38.8)	41.49 (5.50)	21 / 50	1237 (59.3)	850 (40.7)	41.41 (5.50)	21 / 50
<b>Control expectancy<sup>a</sup></b>	1240 (63.3)	719 (36.7)	26.55 (5.16)	12 / 56	1278 (31.2)	809 (38.8)	26.60 (5.21)	12 / 56
<b>Personal satisfaction with:</b>								
Place you live	1941 (99.1)	18 (.9)	4.04 (.83)	1 / 5	2058 (98.6)	29 (1.4)	4.03 (.84)	1 / 5
Physical health	1942 (99.1)	17 (.9)	3.36 (.99)	1 / 5	2061 (98.7)	26 (1.3)	3.34 (1.00)	1 / 5
Finances	1942 (99.1)	17 (.9)	3.31 (.81)	1 / 5	2056 (98.5)	31 (1.5)	3.30 (.82)	1 / 5
Friendships	1920 (98.0)	39 (2.0)	3.61 (.78)	1 / 5	2035 (97.5)	52 (2.5)	3.61 (.79)	1 / 5
Marriage	1324 (67.6)	635 (32.4)	4.27 (.83)	1 / 5	1349 (64.6)	738 (35.4)	4.27 (.83)	1 / 5
Family life	1925 (98.3)	34 (1.7)	3.91 (.89)	1 / 5	2040 (97.7)	47 (2.3)	3.90 (.90)	1 / 5
Handling problems	1934 (98.7)	25 (1.3)	3.50 (.77)	1 / 5	2048 (98.1)	39 (1.9)	3.49 (.77)	1 / 5
Life in general	1939 (99.0)	20 (1.0)	3.67 (.81)	1 / 5	2056 (98.5)	31 (1.5)	3.65 (.82)	1 / 5
<b>Cognitive functioning</b>	1927 (98.4)	32 (1.6)	18.95 (2.74)	0 / 21	2044 (97.9)	43 (2.1)	18.81 (2.95)	0 / 21
<b>Cognitive impairment</b>	1927 (98.4)	32 (1.6)			2044 (97.9)	43 (2.1)		
Yes	239 (12.2)			1	279 (13.4)			1
No	1688 (86.2)			0	1765 (84.6)			0
<b>Social support, activities, and life events</b>								
<b>Family network (children and grandchildren)</b>	1959 (100.0)	0 (.0)	3.66 (3.27)	0 / 11	2087 (100.0)	0 (.0)	3.61 (3.26)	0 / 11
<b>Other social network (friends and other relatives)</b>	1959 (100.0)	0 (.0)	2.67 (2.56)	0 / 9	2087 (100.0)	0 (.0)	2.62 (2.56)	0 / 9
<b>Social contact with family</b>	1959 (100.0)	0 (.0)	12.40 (6.61)	0 / 29	2087 (100.0)	0 (.0)	12.23 (6.70)	0 / 29
<b>Satisfaction with contact</b>	1727 (88.2)	232 (11.8)	6.74 (1.49)	1 / 8	1820 (87.2)	267 (12.8)	6.74 (1.50)	1 / 8

Variable	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
<b>Support from children</b>	1959 (100.0)	0 (.0)	6.73 (5.06)	0 / 21	2087 (100.0)	0 (.0)	6.53 (5.03)	0 / 21
<b>Emotional support</b>	1959 (100.0)	0 (.0)	1.59 (.67)	0 / 2	2087 (100.0)	0 (.0)	1.58 (.68)	0 / 2
<b>Instrumental support</b>	1959 (100.0)	0 (.0)	2.69 (.73)	0 / 3	2087 (100.0)	0 (.0)	2.53 (.95)	0 / 3
<b>Should be able to depend on children (low=agree)</b>	1719 (87.7)	240 (12.3)	2.70 (.79)	1 / 4	1807 (86.6)	280 (13.4)	2.71 (.79)	1 / 4
<b>Social group memberships</b>	1959 (100.0)	0 (.0)	.88 (.99)	0 / 3	2087 (100.0)	0 (.0)	.85 (.98)	0 / 3
<b>Care provider to others<sup>a</sup></b>	1926 (98.3)	33 (1.7)						
Yes	126 (6.4)			1				
No	1800 (91.9)			0				
<b>Activity levels (Adelaide Activity Profile – AAP)<sup>b</sup></b>								
Domestic chores	1920 (98.0)	39 (2.0)	50.94 (19.90)	0 / 79				
Household maintenance	1891 (96.5)	68 (3.5)	50.36 (20.19)	8 / 87				
Service to others	1917 (97.9)	42 (2.1)	50.62 (20.19)	21 / 110				
Social activities	1905 (97.2)	54 (2.8)	49.43 (19.52)	12 / 99				
<b>Driving frequency</b>	1020 (52.1)	939 (47.9)	4.49 (.70)	1 / 5	1032 (49.4)	1055 (50.6)	4.49 (.71)	1 / 5
<b>Change in driving habits in past year</b>	1020 (52.1)	939 (47.9)			1032 (49.4)	1055 (50.6)		
Yes	161 (8.2)			1	164 (7.9)			1
No	859 (43.8)			0	868 (41.6)			0
<b>Victim of assault</b>	1947 (99.4)	12 (0.6)			2064 (98.9)	23 (1.1)		
Yes	142 (7.2)			1	146 (7.0)			1
No	1805 (92.1)			0	1918 (91.9)			0
<b>Victim of robbery in past 3 Years</b>	1949 (99.5)	10 (0.5)			2065 (98.9)	22 (1.1)		
Yes	268 (13.7)			1	273 (13.1)			1
No	1681 (85.8)			0	1792 (85.9)			0
<b>Bereavement in past 3 years (other than spouse)</b>	1948 (99.4)	11 (.6)			2066 (99.0)	21 (1.0)		
Yes	915 (46.7)			1	964 (46.2)			1
No	1033 (52.7)			0	1102 (52.8)			0

<sup>a</sup> Variables coded with high scores indicating a poor outcome

<sup>b</sup> Variables not reported for total sample, with participants in institutions not questioned for these items

## Appendix B.2: Descriptive statistics for all variables used in Wave 3.

Variable	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
<b>Demographics</b>								
<b>Age</b>	1522 (100.0)	0 (.0)	78.89 (6.15)	66 / 105	1679 (100.0)	0 (.0)	79.61 (6.51)	66 / 105
65 – 69	55 (3.6)			1	59 (3.3)			1
70 – 74	387 (25.4)			2	390 (23.2)			2
75 – 79	431 (28.3)			3	448 (26.7)			3
80 – 84	357 (23.5)			4	389 (23.2)			4
Over 85	292 (19.2)			5	397 (23.6)			5
<b>Sex</b>	1522 (100.0)	0 (.0)			1679 (100.0)	0 (.0)		
Male	750 (49.3)			1	825 (49.1)			1
Female	772 (50.7)			2	854 (50.9)			2
<b>Marital status</b>	1522 (100.0)	0 (.0)			1679 (100.0)	0 (.0)		
Married / De facto	951 (62.5)			0 / 1	993 (59.1)			0 / 1
Widowed	495 (32.5)			0 / 1	591 (35.2)			0 / 1
Not Married	76 (5.0)			0 / 1	95 (5.7)			0 / 1
<b>Co-resident status<sup>b</sup></b>	1356 (89.1)	166 (10.9)						
Lives alone	432 (28.4)			1				1
Not alone	924 (60.7)			0				0
<b>Widowed past 2 years</b>	1522 (100.0)	0 (.0)			1679 (100.0)	0 (.0)		
Yes	117 (7.7)			1	130 (7.7)			1
No	1405 (92.3)			0	1549 (92.3)			0
<b>Country of origin</b>	1522 (100.0)	0 (.0)			1679 (100.0)	0 (.0)		
English speaking	1355 (89.0)			1	1507 (89.8)			1
Non-English speaking	167 (11.0)			0	172 (10.2)			0
<b>Born in Australia</b>	1522 (100.0)	0 (.0)			1679 (100.0)	0 (.0)		
Yes	1026 (67.4)			1	1150 (68.5)			1
No	496 (32.6)			0	529 (31.5)			0
<b>Religion</b>	1516 (99.6)	6 (.4)			1665 (99.2)	14 (.8)		
Anglican	458 (30.1)			1	501 (29.8)			1
Catholic	223 (14.7)			2	236 (14.1)			2
Uniting	391 (25.7)			3	435 (25.9)			3

<i>Variable</i>	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
Orthodox	14 (.9)			4	14 (.8)			4
Other	245 (16.1)			5	280 (16.7)			5
No religion	185 (12.2)			6	199 (11.9)			6
<b>Education (age left school)</b>	1513 (99.4)	9 (.6)			1661 (98.9)	18 (1.1)		
< 14 years	832 (54.7)			0	910 (54.2)			0
> 15 years	681 (44.7)			1	751 (44.7)			1
<b>Annual income</b>	1297 (85.2)	225 (14.8)	1.85 (.89)	1 / 5	1368 (81.5)	311 (18.5)	1.83 (.89)	1 / 5
12 000 or less	509 (33.4)				559 (33.3)			
12 001 – 20 000	570 (37.5)				583 (34.7)			
20 001 – 30 000	131 (8.6)				136 (8.1)			
30 001 – 50 000	73 (4.8)				76 (4.5)			
Over 50 000	14 (.9)				14 (.8)			
<b>Total assets</b>	1216 (79.9)	306 (20.1)	2.35 (1.14)	1 / 4	1272 (75.8)	407 (24.2)	2.35 (1.15)	1 / 4
10 000 or less	398 (26.1)				421 (25.1)			
10 001 – 20 000	251 (16.5)				262 (15.6)			
20 001 – 50 000	308 (20.2)				318 (18.9)			
Over 50 000	259 (17.0)				271 (16.1)			
<b>Source of income</b>	1522 (100.0)	0 (.0)			1679 (100.0)	0 (.0)		
Pension only	550 (36.1)			0	655 (39.0)			0
Multiple (incl. pension)	972 (63.9)			1	1024 (61.0)			1
<b>Domicile</b>	1522 (100.0)	0 (.0)			1679 (100.0)	0 (.0)		
Community	1522 (100.0)			1	1522 (90.6)			1
Institution	0 (.0)			2	157 (9.4)			2
<b>Housing and housing related</b>								
<b>Tenure<sup>b</sup></b>	1450 (95.3)	72 (4.7)						
Public Rental	164 (10.8)			0 / 1				0 / 1
Private Rental	83 (5.5)			0 / 1				0 / 1
Home Owner	1203 (79.0)			0 / 1				0 / 1
<b>Home type<sup>b</sup></b>	1517 (99.7)	5 (.3)						
House	1041 (68.4)			1				1
Unit / flat	476 (31.3)			2				2
<b>Market value of home<sup>b</sup></b>	1130 (74.2)	392 (25.8)	2.67 (.86)	1 / 4				
74 000 or less	100 (6.6)							
75 000 – 100 000	366 (24.0)							

Variable	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
101 000 – 150 000	469 (30.8)							
Over 150 000	195 (12.8)							
<b>Weekly rent<sup>b</sup></b>	242 (15.9)	1280 (84.1)	1.50 (.70)	1 / 4				
5 – 40	147 (9.7)							
41 - 80	71 (4.7)							
81 –120	22 (1.4)							
120+	2 (.1)							
<b>Weekly home repayment<sup>b</sup></b>	1469 (96.5)	53 (3.5)	2.04 (1.11)	1 / 4				
3 – 5	24 (1.6)							
16 – 30	10 (.7)							
31 – 45	12 (.8)							
45+	7 (.5)							
<b>Duration of residence</b>	1487 (97.7)	35 (2.3)	3.09 (1.12)	1 / 4	1587 (94.5)	92 (5.5)	2.96 (1.19)	1 / 4
5 years or less	220 (14.5)				315 (18.8)			
5 – 10 years	208 (13.7)				211 (12.6)			
11 –20 years	277 (18.2)				278 (16.6)			
20+ years	782 (51.4)				783 (46.6)			
<b>Relocation Wave 1 to Wave 3</b>	1522 (100.0)	0 (.0)			1679 (100.0)	0 (.0)		
Yes	89 (5.8)			1	180 (10.7)			1
No	1433 (94.2)			0	1499 (89.3)			0
<b>Relocation destination</b>	89 (5.8)	1433 (94.2)			180 (10.7)	1499 (89.3)		
Retirement Village	20 (1.3)			1	20 (1.2)			1
Home unit / flat	43 (2.8)			2	43 (2.6)			2
House	26 (1.7)			3	26 (1.5)			3
Nursing home / hostel	0 (.0)			4	91 (5.4)			4
<b>Housing Transitions Wave 1 to Wave 3</b>	1522 (100.0)	0 (.0)			1679 (100.0)	0 (.0)		
Stayed in community	1433 (94.2)			1	1433 (85.3)			1
Moved within community	89 (5.8)			2	89 (5.3)			2
Moved to institution	0 (.0)			3	81 (4.8)			3
Stayed in institution	0 (.0)			4	66 (3.9)			4
Moved within institution	0 (.0)			5	10 (.6)			5
<b>Plans to move again</b>	1329 (87.3)	193 (12.7)			1330 (79.2)	349 (20.8)		

Variable	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
Yes	78 (5.1)			1	78 (4.6)			1
No	1251 (82.2)			0	1252 (74.6)			0
<b>Name down for age Specific accommodation<sup>b</sup></b>	1334 (87.6)	188 (12.4)						
Yes	127 (8.3)			1				
No	1207 (79.3)			0				
<b>Difficulties with home maintenance<sup>b</sup></b>	1100 (72.3)	422 (27.7)						
Yes	429 (28.2)			1				
No	671 (44.1)			0				
<b>Household composition<sup>b</sup></b>	1356 (89.1)	166 (10.9)	375 (.57)	0 / 2				
0	432 (28.4)							
1	835 (54.9)							
2+	89 (5.8)							
<b>Health and service use</b>								
<b>Self-rated health</b>	1471 (96.6)	51 (3.4)	3.06 (1.05)	1 / 5	1582 (94.2)	97 (5.8)	3.03 (1.05)	1 / 5
<b>Health trajectory</b>	1469 (96.5)	53 (3.5)	1.73 (.64)	1 / 3	1578 (94.0)	101 (6.0)	1.72 (.65)	1 / 3
<b>Activities of daily living (ADLs)<sup>a</sup></b>	1513 (99.4)	9 (.6)	.84 (1.52)	0 / 8	1667 (99.3)	12 (.7)	1.11 (1.87)	0 / 8
<b>Instrumental activities of Daily living (IADLs)<sup>a</sup></b>	1505 (98.9)	17 (1.1)	1.25 (1.46)	0 / 7	1615 (96.2)	64 (3.8)	1.23 (1.44)	0 / 7
<b>Functional ability</b>	1514 (99.5)	8 (.5)	5.83 (1.79)	0 / 8	1671 (99.5)	8 (.5)	5.58 (2.01)	0 / 8
<b>Falls in past year<sup>a</sup></b>	1518 (99.7)	4 (.3)	.58 (.91)	0 / 3	1672 (99.6)	7 (.4)	.62 (.95)	0 / 3
<b>Medical conditions<sup>a</sup></b>	1522 (100.0)	0 (.0)	1.51 (1.50)	0 / 10	1679 (100.0)	0 (.0)	1.55 (1.54)	0 / 10
<b>Nursing home likely for Self in future<sup>b</sup></b>	1382 (90.8)	140 (9.2)	2.89 (.78)	1 / 4				
<b>Nursing home likely for Spouse in future<sup>b</sup></b>	851 (55.9)	671 (44.1)	2.82 (.91)	0 / 4				
<b>Ten year life expectancy For self</b>	1383 (90.9)	139 (9.1)	2.75 (.87)	1 / 4	1481 (88.2)	198 (11.8)	2.72 (.87)	1 / 4
<b>Ten year life expectancy For spouse</b>	864 (56.8)	658 (43.2)	2.96 (.82)	1 / 4	883 (52.6)	796 (47.4)	2.94 (.83)	1 / 4
<b>Support preference if Become dependent<sup>b</sup></b>	1319 (86.7)	203 (13.3)						

Variable	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
Stay at home with help	1017 (66.8)			0 / 1				
Move in with children	31 (2.0)			0 / 1				
Move to home for aged	103 (6.8)			0 / 1				
Move to nursing home	168 (11.0)			0 / 1				
<b>Service user</b>	1522 (100.0)	0 (.0)			1679 (100.0)	0 (.0)		
Yes	436 (28.6)			1	504 (30.0)			
No	1086 (71.4)			0	1175 (70.0)			
<b>Services used in past year</b>	1522 (100.0)	0 (.0)	.37 (.65)	0 / 3	1679 (100.0)	0 (.0)	.38 (.66)	0 / 3
<b>Psychological and cognitive</b>								
<b>General well being</b>	1343 (88.2)	179 (11.8)	10.18 (2.11)	.71 / 13.97	1431 (85.2)	248 (14.8)	10.07 (2.17)	.71 / 13.97
<b>Depression<sup>a</sup></b>	1377 (90.5)	145 (9.5)	7.83 (7.15)	0 / 42	1472 (87.7)	207 (12.3)	8.14 (7.27)	0 / 42
<b>Morale</b>	922 (60.6)	600 (39.4)	25.20 (3.56)	15 / 30	951 (56.6)	728 (43.4)	25.15 (3.57)	15 / 30
<b>Self-esteem</b>	968 (63.6)	554 (36.4)	42.36 (5.59)	18 / 50	1000 (59.6)	679 (40.4)	42.29 (5.66)	18 / 50
<b>Control expectancy<sup>a</sup></b>	963 (63.3)	559 (36.7)	25.70 (5.66)	12 / 54	995 (59.3)	684 (40.7)	25.82 (5.71)	12 / 54
<b>Personal growth</b>	1388 (91.2)	134 (8.8)	12.50 (2.93)	3 / 18	1481 (88.2)	198 (11.8)	12.45 (2.93)	3 / 18
<b>Purpose in life</b>	1389 (91.3)	133 (8.7)	12.14 (3.45)	3 / 18	1486 (88.5)	193 (11.5)	12.02 (3.50)	3 / 18
<b>Life satisfaction (Diener)</b>	1409 (92.6)	113 (7.4)	9.64 (2.28)	2 / 12	1507 (89.8)	172 (10.2)	9.64 (2.28)	2 / 12
<b>Cognitive functioning</b>	1408 (92.5)	114 (7.5)	27.49 (2.56)	13 / 30	1502 (89.5)	177 (10.5)	27.35 (2.69)	13 / 30
<b>Cognitive impairment</b>	1408 (92.5)	114 (7.5)			1502 (89.5)	177 (10.5)		
Yes	89 (5.8)			1	113 (6.7)			
No	1319 (86.7)			0	1389 (82.7)			
<b>Social support, activities, and life events</b>								
<b>Family network (children And grandchildren)</b>	1522 (100.0)	0 (.0)	2.29 (1.46)	0 / 5	1679 (100.0)	0 (.0)	2.20 (1.49)	0 / 5
<b>Social contact with family</b>	1522 (100.0)	0 (.0)	12.19 (6.68)	0 / 30	1679 (100.0)	0 (.0)	11.64 (6.93)	0 / 30
<b>Support from children</b>	1522 (100.0)	0 (.0)	6.18 (4.89)	0 / 20	1679 (100.0)	0 (.0)	5.98 (4.93)	0 / 20
<b>Emotional support</b>	1522 (100.0)	0 (.0)	1.60 (.70)	0 / 2	1679 (100.0)	0 (.0)	1.55 (.74)	0 / 2
<b>Should be able to depend on Children (low=agree)</b>	1446 (95.0)	76 (5.0)	2.65 (.85)	1 / 4	1552 (92.4)	127 (7.6)	2.64 (.85)	1 / 4
<b>Social group memberships</b>	1522 (100.0)	0 (.0)	.59 (.90)	0 / 3	1679 (100.0)	0 (.0)	.59 (.89)	0 / 3
<b>Activity levels (Adelaide Activity Profile – AAP)<sup>b</sup></b>								

Variable	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
Domestic chores	1331 (87.5)	191 (12.5)	52.24 (19.63)	0 / 79				
Household maintenance	1327 (87.2)	195 (12.8)	51.01 (19.22)	8 / 87				
Service to others	1331 (87.5)	191 (12.5)	53.21 (20.86)	21 / 124				
Social activities	1327 (87.2)	195 (12.8)	47.87 (18.00)	12 / 115				
<b>Driving frequency</b>	1456 (95.7)	66 (4.3)	2.84 (1.82)	1 / 5	1560 (92.9)	119 (7.1)	2.72 (1.81)	1 / 5
<b>Change in driving habits in Past year</b>	762 (50.1)	760 (49.9)			766 (45.6)	913 (54.4)		
Yes	160 (10.5)			1	161 (9.6)			1
No	602 (39.6)			0	605 (36.0)			0
<b>Victim of assault</b>	1458 (95.8)	64 (4.2)			1562 (93.0)	117 (7.0)		
Yes	15 (1.0)			1	15 (.9)			1
No	1443 (94.8)			0	1547 (92.1)			0
<b>Victim of robbery in past 2 Years</b>	1458 (95.8)	64 (4.2)			1562 (93.0)	117 (7.0)		
Yes	162 (10.6)			1	166 (9.9)			1
No	1296 (85.2)			0	1396 (83.1)			0
<b>Bereavement in past 2 years (including spouse)</b>	1456 (95.7)	66 (4.3)			1560 (92.9)	119 (7.1)		
Yes	702 (46.1)			1	745 (44.4)			1
No	754 (49.5)			0	815 (48.5)			0

<sup>a</sup> Variables coded with high scores indicating a poor outcome

<sup>b</sup> Variables not reported for total sample, with participants in institutions not questioned for these items



### Appendix B.3: Descriptive statistics for all variables used in Wave 6.

Variable	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
<b>Demographics</b>								
<b>Age</b>	656 (100.0)	0 (.0)	82.47 (5.00)	72 / 101	779 (100.0)	0 (.0)	83.56 (5.60)	72 / 101
65 – 69	0 (.0)			1	0 (.0)			1
70 – 74	24 (3.7)			2	24 (3.1)			2
75 – 79	189 (28.8)			3	191 (24.5)			3
80 – 84	240 (36.6)			4	265 (34.0)			4
Over 85	203 (30.9)			5	299 (38.4)			5
<b>Sex</b>	656 (100.0)	0 (.0)			779 (100.0)	0 (.0)		
Male	278 (42.4)			1	332 (42.6)			1
Female	378 (57.6)			2	447 (57.4)			2
<b>Marital status</b>	656 (100.0)	0 (.0)			779 (100.0)	0 (.0)		
Married / De facto	332 (50.6)			0 / 1	352 (45.2)			0 / 1
Widowed	300 (45.7)			0 / 1	395 (50.7)			0 / 1
Not Married	24 (3.7)			0 / 1	32 (4.1)			0 / 1
<b>Co-resident status<sup>b</sup></b>	610 (93.0)	46 (7.0)						
Lives alone	297 (45.3)			1				1
Not alone	313 (47.7)			0				0
<b>Widowed past 2 years</b>	656 (100.0)	0 (.0)			779 (100.0)	0 (.0)		
Yes	68 (10.4)			1	74 (9.5)			1
No	588 (89.6)			0	705 (90.5)			0
<b>Country of origin</b>	656 (100.0)	0 (.0)			779 (100.0)	0 (.0)		
English speaking	589 (89.8)			1	706 (90.6)			1
Non-English speaking	67 (10.2)			0	73 (9.4)			0
<b>Born in Australia</b>	656 (100.0)	0 (.0)			779 (100.0)	0 (.0)		
Yes	462 (70.4)			1	555 (71.2)			1
No	194 (29.6)			0	224 (28.8)			0
<b>Religion</b>	656 (100.0)	0 (.0)			778 (99.9)	1 (.1)		
Anglican	198 (30.2)			1	233 (29.9)			1
Catholic	83 (12.7)			2	96 (12.3)			2
Uniting	185 (28.2)			3	218 (28.0)			3

<i>Variable</i>	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
Orthodox	10 (1.5)			4	10 (1.3)			4
Other	108 (16.5)			5	136 (17.5)			5
No religion	72 (11.0)			6	85 (10.9)			6
<b>Education (age left school)</b>	656 (100.0)	0 (.0)			777 (99.7)	2 (.3)		
< 14 years	331 (50.5)			0	395 (50.7)			0
> 15 years	325 (49.5)			1	382 (49.0)			1
<b>Annual income</b>	506 (77.1)	150 (22.9)	2.21 (1.06)	1 / 5	536 (68.8)	243 (31.2)	2.18 (1.05)	1 / 5
12 000 or less	146 (22.3)				161 (2.7)			
12 001 – 20 000	190 (29.0)				200 (25.7)			
20 001 – 30 000	105 (16.0)				109 (14.)			
30 001 – 50 000	50 (7.6)				51 (6.5)			
Over 50 000	15 (2.3)				15 (1.9)			
<b>Total assets</b>	438 (66.8)	218 (33.2)	2.54 (1.21)	1 / 4	463 (59.4)	316 (40.6)	2.53 (1.21)	1 / 4
10 000 or less	131 (20.0)				142 (18.2)			
10 001 – 20 000	71 (10.8)				74 (9.5)			
20 001 – 50 000	104 (15.9)				107 (13.7)			
Over 50 000	132 (20.1)				140 (18.0)			
<b>Source of income</b>	656 (100.0)	0 (.0)			779 (100.0)	0 (.0)		
Pension only	278 (42.4)			0	375 (48.1)			0
Multiple (incl. pension)	378 (57.6)			1	404 (51.9)			1
<b>Domicile</b>	656 (100.0)	0 (.0)			779 (100.0)	0 (.0)		
Community	656 (100.0)			1	656 (84.2)			1
Institution	0 (.0)			2	123 (15.8)			2
<b>Housing and housing related</b>								
<b>Tenure<sup>o</sup></b>	628 (95.7)	28 (4.3)						
Public Rental	41 (6.3)			0 / 1				
Private Rental	49 (7.5)			0 / 1				
Home Owner	538 (82.0)			0 / 1				
<b>Type of accommodation<sup>o</sup></b>	656 (100.0)	0 (.0)						
Independent	532 (81.1)			0 / 1				
Group	73 (11.1)			0 / 1				
Retirement Village	51 (7.8)			0 / 1				
<b>Home type<sup>o</sup></b>	656 (100.0)	0 (.0)						
House	457 (69.7)			1				

Variable	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
Unit / flat	199 (30.3)			2				
<b>Market value of home<sup>b</sup></b>	479 (73.0)	177 (27.0)	3.04 (1.04)	1 / 5				
74 000 or less	28 (4.3)							
75 000 – 100 000	116 (17.7)							
101 000 – 150 000	196 (29.9)							
150 000 – 200 000	89 (13.6)							
Over 200 000	50 (7.6)							
<b>Weekly rent<sup>b</sup></b>	65 (9.9)	591 (90.1)	2.02 (.80)	1 / 4				
5 – 40	15 (2.3)							
41 – 80	39 (5.9)							
81 –120	6 (.9)							
120+	5 (.8)							
<b>Weekly home repayment<sup>b</sup></b>	13 (2.0)	643 (98.0)	1.69 (.75)	1 / 3				
5 – 50	6 (.9)							
51 – 100	5 (.8)							
100+	2 (.3)							
<b>Duration of residence</b>	649 (98.9)	28 (4.3)	3.12 (1.14)	1 / 4	760 (97.6)	19 (2.4)	2.82 (1.28)	1 / 4
5 years or less	106 (16.2)				210 (27.0)			
5 – 10 years	65 (9.9)				72 (9.2)			
11 –20 years	120 (18.3)				120 (15.4)			
20+ years	358 (54.6)				358 (46.0)			
<b>Relocation in past 3 years</b>	656 (100.0)	0 (.0)			779 (100.0)	0 (.0)		
Yes	106 (16.2)			1	210 (27.0)			1
No	550 (83.8)			0	569 (73.0)			0
<b>Relocation destination</b>	106 (16.2)	550 (83.8)			210 (27.0)	569 (73.0)		
Retirement Village	19 (2.9)			1	19 (2.4)			1
Home unit / flat	42 (6.4)			2	42 (5.4)			2
House	45 (6.9)			3	45 (5.8)			3
Nursing home / hostel	0 (.0)			4	104 (13.4)			4
<b>Housing Transitions Wave 1 to Wave 3</b>	656 (100.0)	0 (.0)			779 (100.0)	0 (.0)		
Stayed in community	550 (83.8)			1	550 (70.6)			1
Moved within community	106 (16.2)			2	106 (13.6)			2
Moved to institution	0 (.0)			3	93 (11.9)			3

<i>Variable</i>	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
Stayed in institution	0 (.0)			4	19 (2.4)			4
Moved within institution	0 (.0)			5	11 (1.4)			5
<b>Plans to move again</b>	464 (70.7)	138 (21.0)			506 (65.0)	273 (35.0)		
Yes	49 (7.5)			1	50 (6.4)			1
No	415 (63.3)			0	456 (58.5)			0
<b>Name down for age specific accommodation<sup>b</sup></b>	333 (50.8)	323 (49.2)						
Yes	33 (5.0)			1				
No	300 (45.7)			0				
<b>Property needs alterations for independent living<sup>b</sup></b>	579 (88.3)	77 (11.7)						
Yes	113 (17.2)			1				
No	466 (71.0)			0				
<b>Difficulties with home Maintenance<sup>b</sup></b>	645 (98.3)	11 (1.7)						
Yes	318 (48.5)			1				
No	327 (49.8)			0				
<b>Household composition<sup>o</sup></b>	610 (93.0)	46 (7.0)	.55 (.56)	0 / 2				
0	297 (45.3)							
1	292 (44.5)							
2+	21 (3.2)							
<b>Health and service use</b>								
<b>Self-rated health</b>	600 (91.5)	56 (8.5)	3.17 (1.04)	1/5	644 (82.7)	135 (17.3)	3.14 (1.05)	1 / 5
<b>Health trajectory</b>	597 (91.0)	59 (9.0)	1.73 (.64)	1 / 3	639 (82.0)	140 (18.0)	1.72 (.63)	1 / 3
<b>Activities of daily living (ADLs)<sup>a</sup></b>	649 (98.9)	7 (1.1)	.87 (1.52)	0 / 8	765 (98.2)	14 (1.8)	1.39 (2.13)	0 / 8
<b>Instrumental activities of daily living (IADLs)<sup>a</sup></b>	641 (97.7)	15 (2.3)	1.86 (1.75)	0 / 8	734 (94.2)	45 (5.8)	1.99 (1.91)	0 / 9
<b>Functional ability</b>	651 (99.2)	5 (.8)	6.18 (2.09)	0 / 8	774 (99.4)	5 (.6)	5.62 (2.49)	0 / 8
<b>Falls in past year<sup>a</sup></b>	653 (99.5)	3 (.5)	.64 (.98)	0 / 3	775 (99.5)	4 (.5)	.71 (1.02)	0 / 3
<b>Medical conditions<sup>a</sup></b>	651 (99.2)	5 (.8)	4.00 (2.82)	0 / 14	770 (98.8)	9 (1.2)	4.04 (2.83)	0 / 14
<b>Support preference if become dependent<sup>b</sup></b>	557 (84.9)	99 (15.1)						

Variable	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
Stay at home with help	435 (66.3)			0 / 1				
Move in with children	7 (1.1)			0 / 1				
Move to home for aged	64 (9.8)			0 / 1				
Move to nursing home	51 (7.8)			0 / 1				
<b>Health professionals consulted in past year<sup>a</sup></b>	606 (92.4)	50 (7.6)	3.25 (1.03)	0 / 4	653 (83.8)	126 (16.2)	3.26 (1.02)	0 / 4
<b>Service user</b>	656 (100.0)	0 (.0)			779 (100.0)	0 (.0)		
Yes	302 (46.0)			1	353 (45.3)			1
No	354 (54.0)			0	426 (54.7)			0
<b>Services used in past year</b>	656 (100.0)	0 (.0)	.65 (.84)	0 / 3	779 (100.0)	0 (.0)	.65 (.84)	0 / 3
<b>Psychological and cognitive</b>								
<b>General well being</b>	523 (79.7)	133 (20.3)	10.21 (1.98)	2.91 / 13.97	557 (71.5)	222 (28.5)	10.10 (2.04)	2.91 / 13.97
<b>Depression<sup>a</sup></b>	540 (82.3)	116 (17.7)	8.99 (6.71)	0 / 39	575 (73.8)	204 (26.2)	9.10 (6.74)	0 / 39
<b>Morale</b>	357 (54.4)	299 (45.6)	24.47 (3.62)	15 / 30	369 (47.4)	410 (52.6)	24.45 (3.61)	15 / 30
<b>Self-esteem</b>	565 (86.1)	91 (13.9)	41.22 (4.18)	25 / 50	605 (77.7)	174 (22.3)	41.07 (4.25)	25 / 50
<b>Control expectancy<sup>a</sup></b>	341 (52.0)	315 (48.0)	26.63 (5.64)	13 / 48	351 (45.1)	428 (54.9)	26.69 (5.65)	13 / 48
<b>Personal satisfaction with:</b>								
Place you live	599 (91.3)	57 (8.7)	4.09 (.81)	1 / 5	645 (82.8)	134 (17.2)	4.06 (.82)	1 / 5
Physical health	599 (91.3)	57 (8.7)	3.46 (.92)	1 / 5	644 (82.7)	135 (17.3)	3.45 (.92)	1 / 5
Finances	598 (91.2)	58 (8.8)	3.54 (.79)	1 / 5	643 (82.5)	136 (17.5)	3.52 (.78)	1 / 5
Friendships	585 (89.2)	71 (10.8)	3.70 (.77)	1 / 5	630 (80.9)	149 (19.1)	3.68 (.77)	1 / 5
Marriage	341 (52.0)	315 (48.0)	4.22 (.84)	1 / 5	352 (45.2)	427 (54.8)	4.22 (.83)	1 / 5
Family life	566 (86.3)	90 (13.7)	3.86 (.84)	1 / 5	600 (77.0)	179 (23.0)	3.85 (.84)	1 / 5
Handling problems	595 (90.7)	61 (9.3)	3.55 (.73)	1 / 5	638 (81.9)	141 (18.1)	3.53 (.73)	1 / 5
Life in general	597 (91.0)	59 (9.0)	3.68 (.81)	1 / 5	641 (82.3)	138 (17.7)	3.66 (.80)	1 / 5
<b>Life satisfaction (Diener)</b>	381 (58.1)	275 (41.9)	7.41 (1.59)	2 / 10	394 (50.6)	385 (49.4)	7.43 (1.59)	2 / 10
<b>Cognitive functioning</b>	586 (89.3)	70 (10.7)	28.22 (2.05)	17.59 / 30	628 (80.6)	151 (19.4)	28.06 (2.29)	17 / 30
<b>Cognitive impairment</b>	586 (89.3)	70 (10.7)			628 (80.6)	151 (19.4)		
Yes	20 (3.0)			1	32 (4.1)			1
No	566 (86.3)			0	596 (76.5)			0
<b>Social support, activities, and life events</b>								
<b>Family network (children</b>	656 (100.0)	0 (.0)	2.35 (1.49)	0 / 5	779 (100.0)	0 (.0)	2.08 (1.58)	0 / 5

Variable	Community Sample				Total Sample			
	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score	N (%)	Missing (%)	Mean (SD)	Min. / Max. Score
<b>and grandchildren)</b>								
<b>Social contact with family</b>	656 (100.0)	0 (.0)	11.39 (6.41)	0 / 25	779 (100.0)	0 (.0)	10.09 (6.97)	0 / 25
<b>Support from children</b>	656 (100.0)	0 (.0)	7.26 (5.26)	0 / 20	779 (100.0)	0 (.0)	6.46 (5.40)	0 / 20
<b>Emotional support</b>	656 (100.0)	0 (.0)	1.44 (.78)	0 / 2	779 (100.0)	0 (.0)	1.29 (.85)	0 / 2
<b>Should be able to depend on children (low=agree)</b>	551 (84.0)	105 (16.0)	2.56 (.72)	1 / 4	584 (75.0)	195 (25.0)	2.55 (.73)	1 / 4
<b>Social group meetings in past month</b>	359 (54.7)	297 (45.3)	1.53 (.82)	1 / 4	387 (49.7)	392 (50.3)	1.53 (.82)	1 / 4
<b>Activity levels (Adelaide Activity Profile – AAP)<sup>b</sup></b>								
Domestic chores	539 (82.2)	117 (17.8)	52.10 (16.59)	0 / 79				
Household maintenance	447 (68.1)	209 (31.9)	51.41 (17.06)	8 / 87				
Service to others	473 (72.1)	183 (27.9)	52.94 (18.37)	21 / 109				
Social activities	442 (67.4)	214 (32.6)	53.43 (18.30)	12 / 115				
<b>Driving frequency</b>	368 (56.0)	288 (44.0)	3.90 (1.42)	1 / 5	372 (47.8)	407 (52.2)	3.87 (1.45)	1 / 5
<b>Change in driving habits in past year</b>	600 (91.5)	56 (8.5)			647 (83.0)	132 (17.0)		
Yes	89 (13.6)			1	90 (11.6)			1
No	511 (77.9)			0	557 (71.5)			0
<b>Victim of assault</b>	600 (91.5)	56 (8.5)			646 (82.9)	133 (17.1)		
Yes	5 (.8)			1	5 (.6)			1
No	595 (90.7)			0	641 (82.3)			0
<b>Victim of robbery in past 2 Years</b>	599 (91.3)	57 (8.7)			645 (82.8)	134 (17.2)		
Yes	54 (8.2)			1	57 (7.3)			1
No	545 (83.1)			0	588 (75.5)			0
<b>Bereavement in past 2 years (including spouse)</b>	593 (90.4)	63 (9.6)			638 (81.9)	141 (18.1)		
Yes	302 (46.0)			1	322 (41.3)			1
No	291 (44.4)			0	316 (40.6)			0

<sup>a</sup> Variables coded with high scores indicating a poor outcome

<sup>b</sup> Variables not reported for total sample, with participants in institutions not questioned for these items

## Appendix C: Membership of the Reference Group and Participants in the State Focus Groups

Name	Position / Organisation
<b>Reference Group</b>	<b>3 February 2001</b>
Rod Plant	Executive Director, Shelter NSW
Jane Fletcher	Housing Strategy, Dept of Human Services SA
Catherine Bridge	Lecturer, University of Sydney
Pam Jones	Manager, Commonwealth Dept of Family and Community Services
Brian Fleming	Manager Planning, Commonwealth Dept of Health and Aged Care
Glenys Raveane	Office for the Ageing SA
Michele Slatter	Acting Director, AHURI SA/NT
Professor Gary Andrews	Director, Centre for Ageing Studies
Professor Mary Luszcz	Deputy Director, Centre for Ageing Studies; Acting Head, School of Psychology, Flinders University
Dr Sam Davis	Projects Co-ordinator, Centre for Ageing Studies
Debbie Faulkner	Research Project Officer, Centre for Ageing Studies
<b>Focus Group – Perth</b>	<b>30 November 2000</b>
Gary Ellender	Principal Policy Officer, Corporate Development, Ministry of Housing
Kathy Bell	Policy Officer, Rental Services, Ministry of Housing
Ian Hakekost	Senior Policy Officer, Social Housing, Office of Housing Policy
Stuart McKnight	Project Manager, Industry and Infrastructure, Ministry for Planning
Dr Andrew Montgomery	Project Manager, Industry and Infrastructure, Ministry for Planning
Ken Marston	Policy Officer, Council on the Ageing (WA) Inc
Stephen Boylen	Office of Seniors Interests
Helen Close	Office of Seniors Interests
Sharon Staines	Executive Director, Aged Care
Alma Digweed	Vice President, Older Women's Network
Ruth Kershaw	Older Women's Network
<b>Focus Group – Brisbane</b>	<b>26 April 2001</b>
Yvonne Zardini	Australian Pensioners' and Superannuants' League
Ms V Aylett	Australian Pensioners' and Superannuants' League
Tracey Douglas	Connect the Coast – Gold Coast City
Glenda McChesney-Clark	Vice President, Policy and Advocacy, Council on the Ageing
Trevor Fleming	HACC and ACAT Teams – Department of Health
Arthur Marshman	Ethnic Communities Council
Lyn Sawtell	Hostel Industry Development Unit
Shirley Maisey	Member of Ministerial Council of Older Persons; Regional Communities Forum
Sarah Saunders	Media/Policy Officer, National Seniors Association
Joan Cameron	New Farm Community Options
Jacqui de la Rue	Case Manager, New Farm Community Options
Jeff Manitzky	Policy Officer, Office of Ageing
Mike Myers	Manager, Qld Community Housing Coalition
Jeremy Hill	Qld Shelter
Karen Barnett	PhD student, QUT
Mark Powney	Planning Officer, Redland Shire Council
Joan Rodgers	St Vincent's Community Services

<b>Name</b>	<b>Position / Organisation</b>
David Bargaquast	Co-ordinator, Assistance with Care and Housing for the Aged Services, St Vincent's Community Services
<b>Focus Group – Sydney</b>	<b>22 May 2001</b>
Tony Androvic	Association to Resource Co-Op Housing
Andrew Clark	Dept of Ageing, Disability and Home Care
Susan Sky	Dept of Urban Affairs and Planning
Sue Aujard	Training and Resource Worker, Federation of Housing Associations
Jenny Carleton	Research and Policy Worker, Federation of Housing Associations
Stephanie Smith	Housing Officer, Local Government and Shires Association
Maree Conway	Policy Officer, Ageing and Disability, Local Government and Shires Association
Margaret Tucker	Senior Policy Officer, NSW Committee on Ageing
Pam Ledden	Older Women's Network
Christine O'Rourke	Assistance with Care and Housing for the Aged, The Benevolent Society
<b>Focus Group – Melbourne</b>	<b>29 May 2001</b>
Julie Skilbeek	Aged and Community Health, Dept of Human Services
Neale Gerlach	Aged and Community Health, Dept of Human Services
Fiona Reidy	Social Planner, City of Melbourne
Narada Lawson	Co-Ordinator Aged Care and Rehabilitation Program, Inner South Community Health Centre
Helen Thomas	Office of Housing, Dept of Human Services
Michelle Marvin	Tenants Union of Victoria
Ruth Spielman	City of Whittlesea
Mike Kelly	Policy Officer, Sacred Heart Mission
<b>Focus Group - Hobart</b>	<b>30 May 2001</b>
Gary Bennett	Outreach Support Worker, Colony 47
Barrie Byrne	Acting Co-Ordinator, Aged Care Assessment Team
Patti Chugg	Shelter Tasmania
Rebecca Essex	Community Development Officer, Glenorchy City Council
Jan Forbes	Housing Analyst, Housing Tasmania
Greg Hill	Local Development Officer, Housing Tasmania
Marianne Holford	Community Worker, HACC, Migrant Resource Centre
Leo Hurst	State Representative, Australian Abbeyfield Society
Linda Jamieson	Manager, Seniors Bureau
Peter Limb	Program Manager, Community Care and Assessment, Commonwealth Dept of Health and Aged Care
Kitty Madeson	Women Tasmania
Jacquie Maginnis	Primary Health Care Co-Ordinator, Dept of Health and Human Services
Kevin O'Loughlin	Senior Aged Care Advisor, Aged, Rural and Community Health, Dept of Health and Human Services
<b>Focus Group – Adelaide</b>	<b>26 June 2001</b>
Rochelle Woodley Baker	Planner Policy, City of Salisbury
Julie Falco	Researcher, Centre for Applied Health Research, University of South Australia
Olympia Giatras	Housing Support Officer, City of Salisbury
Tricia Hart	Chief Project Officer, Metropolitan Division,



Name	Position / Organisation
	Department of Human Services
Judy Harvey	Southern Domiciliary Care and Rehabilitation Service
Bev Iadarola	Anglicare SA
Gail Jackson	City of Tea Tree Gully
Phil Saunders	Carers Association
David Stevens	Aged Care and Housing Group
Kristin Stewart	Social Planner/Researcher, City of Marion
Mrs Joan Stone	President, South Australian Retirement Villages Residents Association
Peta Stump	Strategic Planner/Social Planning, City of Onkaparinga
Sue Upton	Helping Hand Aged Care Inc
Jayne Wilkie	Customer Involvement Unit, South Australian Housing Trust
Paul Willey	Department of Human Services
<b><i>Focus Group – South Australian Older Persons Housing Advisory Network 12 April 2001</i></b>	
Patricia Beck	Housing Trust Tenant, Regional Advisory Board
Edith Hahnhauser	Housing Trust Tenant
Dennis Cripps	Housing Trust Tenant, Member of Taskforce for Ageing in Salisbury
Connie Cox	Housing Trust Tenant, Member of Taskforce for Ageing in Salisbury
Beryl Kopczynski	Housing Trust Tenant, Regional Advisory Board
June Pavier	Housing Trust Tenant, Murray Regional Advisory Board
Cath Slee	Marion Tenants Association
Nan Gibson	Community Housing
Colin Whitford	Community Housing
Ray Hollis	SA Retirement Village Association
Joan Stone	SA Retirement Village Association
John Read	

## Appendix D.1: Correlations of housing related items with total measures conducted cross-sectionally at Wave 1

<i>Variable<sup>a</sup></i>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Demographics</b>															
Age	.04	.11**	-.10**	-.10**	.06**	.07**	.15**	-.02	.05*	.02	.03	-.02	.18**	-.24**	-.30**
Sex	.05	.01	-.05*	-.06*	.06*	.02	.09**	-.01	-.02	.07*	.02	.04	.08**	-.06**	-.23**
Marital status															
Married / De facto	-.14**	-.09**	.17**	.12**	-.12**	-.04	-.21**	.06*	.05*	.04	.07**	-.02	-.12**	.68**	.10**
Widowed	.10**	.04	-.11**	-.10**	.09**	.05*	.16**	-.07**	-.04	.00	-.05*	.01	.12**	-.61**	-.08**
Not Married	.09**	.11**	-.14**	-.05*	.06**	-.01	.11**	.01	-.02	-.07**	-.04	.02	.02	-.21**	-.04
Widowed past 2 years	.02	.01	-.02	-.03	.02	.02	.03	-.01	.00	.02	.02	.01	.03	-.24**	.00
Country of origin	.05*	.05*	-.08**	-.06**	.03	.05*	.12**	.02	-.05*	.05*	.01	.04	.01	-.09**	.03
Born in Australia	-.15**	.06**	.09**	-.05*	.00	.07**	.01	.16**	.06**	.09**	.04	.00	-.02	-.08**	-.01
Education (age left school)	-.12**	.04	.08**	-.05*	.04	.03	.02	.16**	-.01	.04	.02	.00	-.03	.02	.02
Annual income	-.06**	-.07**	.17**	.05*	-.08**	.01	-.11**	.29**	.01	.05*	.10**	-.01	-.08**	.30**	.08**
Assets	-.28**	-.02	.25**	.00	-.04	.04	-.07**	.34**	.02	.14**	.06*	-.02	-.11**	.08**	.13**
Source of income	-.24**	-.03	.22**	-.04	-.03	.08**	-.02	.17**	.02	.09**	.07**	-.03	-.04	.04	.08**
<b>Housing and housing related</b>															
Tenure <sup>b</sup>															
1 Public Rental	...	-.09**	-.78**	-.08**	.17**	-.07**	.28**	...	-.14**	-.17**	-.05*	.03	.06*	-.10**	-.05
2 Private Rental	...	...	-.55**	-.44**	.24**	.35**	.36**	...	-.19**	-.01	.06*	.06*	-.04	-.13**	-.13**
3 Home Owner	...	...	...	.33**	-.29**	-.16**	-.47**	...	.23**	.15**	.01	-.06*	-.02	.17**	.12**
Type of accommodation <sup>d</sup>															
4 Independent	-.08**	-.44**	.33**	...	-.71**	-.66**	-.50*	.11**	.32**	.10	-.07**	-.04	.04	.16**	.12**
5 Group	.17**	.24**	-.29**	...	...	-.05*	.36**	-.05	-.19**	-.03	.03	.04	-.04	-.13**	-.09**
6 Retirement Village	-.07**	.35**	-.16**	...	...	...	.32**	-.10**	-.26**	.01	.07**	.02	-.02	-.08**	-.06**
7 Home type	.28**	.36**	-.47**	-.50**	.36**	.32**	...	-.15**	-.48**	.00	.13**	.02	-.06**	-.25**	-.19**
8 Market value of home	...	...	...	.11**	-.05	-.10**	-.15**	...	.06*	.15**	.16**	-.04	-.01	.09**	.07*
Weekly rent	-.14*	.14*	...	.06	-.05	-.05	-.10	...	-.10	.01	-.10	-.04	-.05	.31**	.09

<i>Variable<sup>a</sup></i>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Weekly home repayment</b>	...	...	...	-.12	-.12	...	.30*	...	-.56**	.11	.16	.00	-.13	-.03	.16
<b>9 Duration of residence</b>	-.14**	-.19**	.23**	.32**	-.19**	-.26**	-.48**	.06*	...	-.02	-.17**	-.03	.07**	.05*	.04
<b>Plans to move again</b>	.01	-.02	.01	.03	-.02	-.02	.00	.02	-.03	-.08**	-.08**	.06**	-.02	.02	.04
<b>Name down for age Specific accommodation</b>	-.03	.06*	-.01	-.09**	.08**	.05*	.11**	.01	-.02	.06*	-.01	-.03	-.03	-.12**	-.02
<b>10 Comfort of residence</b>	-.17**	-.01	.15**	.01	-.03	.01	.00	.15**	-.02	...	.31**	-.10**	.03	.01	.03
<b>11 Condition of residence</b>	-.05*	.06*	.01	-.07**	.03	.07**	.13**	.16**	-.17**	...	...	-.11**	-.05*	.13**	.04
<b>12 Home Hazards</b>	.03	.06*	-.06*						-.03	-.10**	-.11**	...	.04	.01	-.03
<b>13 Difficulties with home Maintenance</b>	.06*	-.04	-.02	.04	-.04	-.02	-.06**	-.01	.07**	.03	-.05*	.04	...	-.09**	-.30**
<b>14 Household composition</b>	-.10**	-.13**	.17**	.16**	-.13**	-.08**	-.25**	.09**	.05*	.01	.02	.01	-.09*	...	.04
<b>Health and service use</b>															
<b>Self-rated health</b>	-.07**	.00	.06*	.01	-.01	.00	-.03	.11**	.01	.08**	.08**	-.07**	-.22**	-.02	.33**
<b>Health trajectory</b>	-.04	-.01	.04	.02	-.03	.00	-.01	-.02	.01	.05*	.04	-.03	-.53**	.08**	.14**
<b>Activities of daily living (ADLs)</b>	.05*	.02	-.05*	-.02	.01	.02	.03	-.10**	-.01	-.01	-.03	.09**	.28**	.00	-.35**
<b>Instrumental activities of daily living (IADLs)</b>	.10**	.01	-.08**	-.02	.02	.01	.04	-.05	.01	-.01	-.04	.08**	.66**	-.08**	-.47**
<b>Functional ability</b>	-.09**	-.05*	.11**	.04	-.07**	.01	-.07**	.11**	-.03	.00	.05*	-.12**	-.34**	.08**	.57**
<b>Falls in past year</b>	.03	-.01	-.02	-.01	.01	.00	.03	-.05	.03	-.02	-.07**	.03	.10**	-.06**	-.15**
<b>Medical conditions</b>	.08**	.00	-.06**	-.04	.03	.03	.07**	-.01	-.03	-.05*	-.01	.10**	.16**	-.01	-.11**
<b>Nursing home likely for self in future</b>	.00	-.06*	.03	.09**	-.05*	-.08**	-.13**	.01	.07**	.03	.01	.00	-.08**	.08**	.12**
<b>Nursing home likely for spouse in future</b>	-.06*	-.07*	.10**	.07*	-.08**	-.02	-.15**	-.02	.06*	.07*	.01	-.02	-.01	.18**	.01
<b>Ten year life expectancy for self</b>	-.01	-.04	.03	.08**	-.06*	-.06*	-.07**	.03	-.01	.05	.07**	-.01	-.17**	.12**	.29**
<b>Ten year life expectancy for spouse</b>	.01	-.03	.01	.002	.01	-.04	-.08**	.01	-.05	.07*	.06*	.03	-.07**	.14**	.12**
<b>Health professionals consulted in past year</b>	.01	.02	-.02	-.08**	.06**	.04	.07**	-.02	.07**	.03	.01	.07**	.13**	-.07**	-.17**
<b>Services used in past year</b>	.06**	.08**	-.10**	-.09**	.06**	.06**	.09**	-.03	.02	-.03	-.02	.05*	.44**	-.17**	-.31**

<i>Variable<sup>a</sup></i>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b><i>Psychological and cognitive</i></b>															
General well being	-.12**	-.02	.11**	.06**	-.04	-.05*	-.08**	.13**	.03	.12**	.11**	-.09**	-.24**	.11**	.38**
Depression	.12**	.01	-.10**	-.07**	.05	.04	.08**	-.07**	-.03	-.12**	-.11**	.10**	.19**	-.14**	-.28**
Morale	-.09**	.00	.08*	.04	-.06*	.00	-.04	.10**	-.01	.15**	.12**	-.06*	-.19**	.14**	.26**
Self-esteem	-.05	-.04	.07*	.05	-.07*	.00	-.04	.05	.01	.10**	.11**	-.06	-.02	.00	.20**
Control expectancy	.06*	.01	-.06*	-.06	.04	.03	.04	-.13**	.04	-.10**	-.07*	.00	.04	.05	-.19**
Personal satisfaction with:															
Place you live	-.17**	.03	.12**	.03	-.05*	.02	-.03	.20**	.06**	.32**	.16**	-.05*	-.03	.03	.06*
Physical health	-.05*	.00	.05	.01	-.02	.00	-.02	.10**	.02	.14**	.10**	-.06**	-.22**	.02	.31**
Finances	-.10**	.02	.07*	-.02	-.01	.04	.04	.09**	.03	.19**	.13**	-.05*	-.07**	-.02	.01
Friendships	-.09**	.02	.06*	.00	.00	-.01	.00	.12**	.01	.19**	.11**	-.01	-.04	.02	.12**
Marriage	-.02	-.01	.03	-.02	-.03	.05	.04	.06	-.02	.13**	.13**	-.07*	.02	.04	.07*
Family life	-.09**	-.05*	.11**	.04	-.04	-.01	-.04	.11**	.07**	.17**	.13**	-.09**	.01	.15**	.07**
Handling problems	-.03	-.01	.03	.02	-.03	.00	-.01	.11**	.02	.14**	.11**	-.06*	-.03	.02	.10**
Life in general	-.07**	.01	.05*	.00	.00	.00	.00	.14**	.02	.23**	.14**	-.06*	-.13**	.08**	.14**
Cognitive functioning	-.06*	-.02	.06*	.07**	-.04	-.05*	-.05*	.09**	.01	.08**	.07**	.01	-.07**	.05*	.21**
<b><i>Social support, activities, and life events</i></b>															
Family network (children and grandchildren)	.09**	-.04	-.05*	.02	.01	-.04	-.02	-.05*	-.03	-.01	-.03	.04	.00	.11**	.04
Other social network (friends & other relatives)	-.09**	.02	.06**	.01	-.04	.02	-.04	.09**	.03	.04	.03	.02	.00	.02	.10**
Social contact with family	-.02	-.08**	.07**	.04	-.03	-.02	-.04	.02	-.03	.02	.05*	.01	-.04	.12**	.13**
Satisfaction with contact	-.05*	.01	.04						.05*	.12**	.11**	-.07**	.00	.01	.05*
Support from children	.05*	-.07**	.00	.03	-.02	-.02	-.04	-.03	-.01	.04	-.02	.03	.18**	.02	-.13**
Emotional support	-.03	-.02	.03	.05*	-.06**	-.01	-.03	.04	.04	.08**	.08**	-.01	-.01	.08**	.06**
Instrumental support	-.05*	-.05	.07**	.07**	-.07**	-.01	-.13**	.05	.02	.06*	.07**	.00	.00	.21**	.00
Should be able to depend on children (low=agree)	-.03	.00	.02	-.05	.06*	.01	.04	-.01	-.02	.03	-.01	.01	-.06*	-.04	.09**
Social group membership	-.07**	.03	.04	-.07**	.04	.05*	.08**	.10**	-.05*	.05*	.05*	.01	-.02	-.04	.14**
Care provider to others	.02	.00	-.01	.02	.01	-.04	.00	.04	.02	.02	.04	-.01	-.02	.08**	.06*
Activity levels (Adelaide Activity Profile – AAP)															
Domestic chores	.05*	-.01	-.04	-.03	.04	.01	.06*	.01	-.03	.04	.01	.01	-.12**	-.26**	.30**

<b>Variable<sup>a</sup></b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
<b>15</b> Household maintenance	-.05	-.13**	.12**	.12**	-.09**	-.06**	-.19**	.06*	.04	.03	.04	-.03	-.30**	.04	...
Service to others	-.04	.00	.03	-.02	.02	.02	.03	.11**	-.04	.09**	.03	.01	-.03	-.02	.18**
Social activities	-.03	.03	.01	-.08**	.03	.08**	.10**	.02	-.10**	.05*	.06*	.03	-.09**	-.07**	.16**
<b>Driving frequency</b>	.01	.00	-.01	.02	.02	-.05	.04	.06	-.03	.05	.03	-.03		-.02	.20**
<b>Victim of assault</b>	.03	-.01	-.02	.03	-.04	-.01	-.01	.00	.00	.01	.02	.01	-.01	.01	.03
<b>Victim of robbery</b>	.04	.00	-.03	.03	-.02	-.02	-.06**	-.02	.08**	-.02	-.07**	.00	.01	.00	.04
<b>Bereavement</b>	.00	-.03	.02	.01	.01	-.01	.00	.00	.04	-.04	.03	.02	.01	.03	.02

<sup>a</sup> Numbers refer to housing items correlated

<sup>b</sup> Dummy variables calculated for tenure and type of accommodation, and must be interpreted (for example) public rental (coded 1) versus private rental and home ownership (coded 0)

# Pearson (*r*) correlation was conducted between continuous variables, Point-biserial (*r<sub>pb</sub>*) correlation was conducted between dichotomous and continuous variables, and Phi ( $\phi$ ) correlation was conducted between dichotomous variables

\* Significance < .05 \*\* Significance < .01

## Appendix D.2: Correlations of housing related items with total measures conducted cross-sectionally at Wave 3

<i>Variable<sup>a</sup></i>	1	2	3	4	5	6	7	8	9
<b><i>Demographics</i></b>									
Age	.06*	.09**	-.11**	.15**	.00	.03	.14**	-.24**	-.32**
Sex	.04	.05	-.06*	.12**	-.01	-.04	.17**	-.09**	-.27**
<b>Marital status</b>									
Married / De facto	-.13**	.08**	.16**	-.22**	.04	.04	-.17**	.71**	.13**
Widowed	.10**	.05	-.11**	.18**	-.05	-.04	.18**	-.65**	-.13**
Not Married	.09**	.08	-.13**	.08**	.01	-.01	.00	-.19**	.01
<b>Widowed past 2 years</b>	-.03	.02	.01	.05	.02	-.02	.09**	-.30**	-.02
<b>Country of origin</b>	.05*	.05	-.08**	.12**	.04	-.07*	.06*	-.08**	.07*
<b>Born in Australia</b>	-.15**	.04	.10**	.03	.18**	.05	.07*	-.08**	.01
<b>Education (age left school)</b>	-.11**	.04	.07**	.05	.16**	-.03	.11**	.00	.06*
<b>Annual income</b>	-.16**	-.03	.16**	-.12**	.26**	.04	.00	.30**	.11**
<b>Assets</b>	-.27**	.03	.21**	-.01	.27**	.02	.01	.07**	.15**
<b>Source of income</b>	-.19**	-.02	.17**	.01	.12**	-.05*	.02	-.01	.11**
<b><i>Housing and housing related</i></b>									
<b>Tenure<sup>b</sup></b>									
1 Public Rental	...	-.09**	-.79**	.24**	...	-.10**	-.04	-.10**	-.06*
2 Private Rental	...	...	-.55**	.32**	.03	-.18**	-.05	-.08**	-.08**
3 Home Owner	...	...	...	-.40**	-.03	.20**	.07*	.13**	.10**
4 <b>Home type</b>	.24**	.32**	-.40**	...	-.13**	-.50**	-.02	-.28**	-.07**
5 <b>Market value of home</b>	...	.03	-.03	-.13**	...	.01	.16**	.04	.02
<b>Weekly rent</b>	-.10	.10	...	-.23**	...	-.08	-.17*	.30**	.16*
<b>Weekly home repayment</b>	...	.26	-.26	.32*	...	-.45**	-.43**	-.17	.15
6 <b>Duration of residence</b>	-.10**	-.18**	.20**	-.50**	.01	...	.10**	.03	-.02
<b>Plans to move again</b>	-.03	.00	.02	-.08**	.07*	-.03	.01	.02	.03

<i>Variable<sup>a</sup></i>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
Name down for age specific accommodation	-.02	.06*	-.02	.11**	.02	-.05	.12**	-.06*	-.05
<b>7</b> Difficulties with home Maintenance	-.04	-.05	.07*	-.02	.16**	.10**	...	-.19**	-.25**
<b>8</b> Household composition	-.10**	-.08**	.13**	-.28**	.04	.03	-.19**	...	.01
<i>Health and service use</i>									
Self-rated health	-.05	.01	.04	.01	.03	-.09**	-.17**	.01	.37**
Health trajectory	-.06*	-.02	.06*	-.02	.00	-.06*	-.07*	-.02	.15**
Activities of daily living (ADLs)	.06*	.05	-.08**	.04	-.01	.04	.28**	-.05	-.47**
Instrumental activities of daily living (IADLs)	-.02	.06*	-.02	.07**	.12**	.05	.68**	-.14**	-.27**
Functional ability	-.10**	-.05	.11**	-.05	.05	-.03	-.19**	.07**	.58**
Falls in past year	.05	.02	-.05	-.04	-.02	.08**	.09**	-.04	-.19**
Medical conditions	-.01	.01	.00	.08**	.01	-.01	.09**	-.05	-.10**
Nursing home likely for self in future	.01	-.12**	.07**	-.16**	.04	.10**	-.15**	.08**	.11**
Nursing home likely for spouse in future	-.03	-.09*	.08*	-.19**	.02	.09*	-.06	.15**	-.01
Ten year life expectancy for self	-.01	-.05	.04	-.09**	-.03	-.03	-.09**	.09**	.28**
Ten year life expectancy for spouse	-.07	-.03	.08*	-.08*	.01	-.04	-.10**	.10**	.08*
Services used in past year	.04	.04	-.06*	.14**	.01	-.01	.49**	-.25**	-.18**
<i>Psychological and cognitive</i>									
General well being	-.12**	-.01	.11**	-.05	.03	-.10**	-.19**	.09**	.44**
Depression	.11**	.07*	-.13**	.09**	.00	.04	.18**	-.12**	-.34**
Morale	-.11**	-.01	.10**	-.03	.02	-.03	-.18**	.13**	.30**
Self-esteem	-.04	-.08*	.08*	-.03	.04	.00	-.13**	.03	.23**
Control expectancy	.07*	.01	-.06	.00	-.11**	.04	.02	.05	-.21**
Personal growth	.02	-.02	.00	.01	.02	-.06*	-.03	.00	.20**
Purpose in life	-.05	-.04	.07*	-.06*	.05	-.03	-.03	.05	.27**
Life satisfaction (Diener)	-.03	.02	.02	-.06*	.05	-.03	-.03	.03	.05
Cognitive functioning	-.10**	.03	.07*	-.02	.03	-.10**	-.05	.07*	.26**

<i>Variable<sup>a</sup></i>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b><i>Social support, activities, and life events</i></b>									
Family network (children and grandchildren)	.05	-.02	-.03	-.04	-.02	-.04	-.06*	.17**	.08**
Social contact with family	-.04	-.05	.07*	-.02	.02	.00	.00	.06*	.16**
Support from children	.03	-.05*	.01	-.02	.01	-.02	.15**	.02	-.14**
Emotional support	.02	.01	-.02	.05	-.06*	-.06*	-.10**	.04	.01
Should be able to depend on children (low=agree)	-.04	.02	.02	.01	-.02	-.05	-.01	.02	.05
Social group membership	-.04	.02	.02	.00	.03	.07*	-.02	-.03	-.01
Activity levels (Adelaide Activity Profile – AAP)									
Domestic chores	.04	.01	-.04	.11**	.00	-.03	.03	-.28**	.31**
<b>9</b> Household maintenance	-.06*	-.08**	.10**	-.07**	.02	-.02	-.25**	.01	...
Service to others	-.06*	-.03	.07*	.01	.12**	-.02	.13**	-.01	.21**
Social activities	.00	.00	.00	.11**	.01	-.10**	-.07*	-.09**	.13**
Driving frequency	-.17**	-.06*	.18**	-.10**	.19**	.19**	-.12**	.05	.52**
Victim of assault	-.02	-.03	.03	-.06*	.06	-.04	.00	.06*	.02
Victim of robbery	-.01	-.02	.02	-.09**	.06	.10**	.05	.00	.03
Bereavement	-.06*	.00	.05	.01	-.04	.06	.04	-.08**	-.02

<sup>a</sup> Numbers refer to housing items correlated

<sup>b</sup> Dummy variables calculated for tenure, and must be interpreted (for example) public rental (coded 1) versus private rental and home ownership (coded 0)

# Pearson (*r*) correlation was conducted between continuous variables, Point-biserial (*r<sub>pb</sub>*) correlation was conducted between dichotomous and continuous variables, and Phi ( $\phi$ ) correlation was conducted between dichotomous variables

\* Significance < .05 \*\* Significance < .01



### Appendix D.3: Correlations of housing related items with total measures conducted cross-sectionally at Wave 6

<i>Variable<sup>a</sup></i>	1	2	3	4	5	6	7	8	9	10	11	12	13
<b><i>Demographics</i></b>													
Age	.03	.11**	-.11**	-.11**	.09*	.06	.14**	-.08	.01	-.06	.04	-.23**	-.28**
Sex	.02	.03	-.03	-.08*	.10*	.01	.12**	.00	.00	.00	.22**	-.19**	-.25**
Marital status													
Married / De facto	-.17**	-.18**	.25**	.19**	-.21**	-.03	-.22**	.09	.08*	.04	-.18**	.78**	.06
Widowed	.12**	.16**	-.21**	-.17**	.18**	.03	.20**	-.10*	-.09*	-.05	.18**	-.71**	-.06
Not Married	.12**	.04	-.11**	-.07	.09*	.00	.07	.03	.01	.04	.00	-.18**	.00
Widowed past 2 years	.10*	.04	-.10*	-.03	-.01	.05	.07	-.05	-.08*	-.06	.08	-.26**	.03
Country of origin	.05	.10*	-.11**	-.07	.06	.04	.04	-.01	-.10*	-.02	.03	-.03	-.01
Born in Australia	-.06	.04	.01	-.13**	.07	.10**	.05	.15**	.01	-.01	.03	-.05	-.07
Education (age left school)	-.11**	-.02	.09*	-.08*	.08	.03	.13**	.17**	.01	.02	-.03	-.05	-.06
Annual income	-.13**	-.11*	.18**	.05	-.07	.01	-.08	.30**	.07	.02	-.10*	.33**	.07
Assets	-.21**	-.07	.20**	.06	-.05	-.03	-.10*	.23**	-.01	.01	-.08	.17**	.21**
Source of income	-.14**	.01	.10*	-.08*	.08*	.03	.03	.21**	.04	.03	.05	-.04	.04
<b><i>Housing and housing related</i></b>													
Tenure <sup>b</sup>													
1 Public Rental	...	-.08	-.65**	-.03	.05	-.02	.04	-.13**	-.03	-.01	.02	-.15**	-.04
2 Private Rental	...	...	-.71**	-.43**	.31**	.28**	.38**	-.14**	-.27**	.01	-.05	-.16**	-.09
3 Home Owner	...	...	...	.35**	-.27**	-.20**	-.32**	.19**	.22**	.00	.03	.23**	.10*
Type of accommodation <sup>b</sup>													
4 Independent	-.03	-.43**	.35**	...	-.73**	-.60**	-.68**	.10*	.32**	.08	-.01	.24**	.23**
5 Group	.05	.31**	-.27**	...	...	-.10**	.51**	-.09	-.18**	-.03	.02	-.22**	-.22**
6 Retirement Village	-.02	.28**	-.20**	...	...	...	.40**	-.05	-.27**	-.07	-.01	-.09*	-.08
7 Home type	.04	.38**	-.32**	-.68**	.51**	.40**	...	-.22**	-.45**	-.14**	-.03	-.29**	-.25**
8 Market value of home	...	...	.19**	.10*	-.09	-.05	-.22**	...	...	.02	-.05	.10*	.04
Weekly rent	-.13	.13	...	.06	-.14	.10	...	...	...	.33**	-.13	.25*	.09
Weekly home repayment	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Duration of residence	-.03	-.27**	.22**	.32**	-.18**	-.27**	-.45**	.13**	...	-.10*	.08*	.05	.02

<i>Variable<sup>a</sup></i>	1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Plans to move again</b>	-.05	-.01	.05	.06	-.02	-.06	-.07	.01	.03	.04	-.04	.02	.05
<b>Name down for age specific accommodation</b>	-.02	.10	-.06	-.12*	.13*	.00	.15**	.04	.09	-.03	-.01	-.10	-.17**
<b>10 Property needs alterations for independent living</b>	-.01	.01	.00	.08	-.03	-.07	-.15**	.02	.10*	...	.06	.04	.02
<b>11 Difficulties with home maintenance</b>	.02	-.05	.03	-.01	.02	-.01	-.03	-.05	.08*	.06	...	-.20**	-.16**
<b>12 Household composition</b>	-.15**	-.16**	.23**	.24**	-.22**	-.09*	-.29**	.10*	.05	.04	-.20**	...	.06
<i>Health and service use</i>													
<b>Self-rated health</b>	-.04	-.02	.04	-.03	.04	.00	.00	.11*	.02	-.11**	-.04	-.02	.27**
<b>Health trajectory</b>	-.01	-.03	.03	.00	.00	-.01	.00	.02	-.03	-.14**	-.03	.04	.17**
<b>Activities of daily living (ADLs)</b>	.09*	.05	-.10*	-.02	.02	.01	.04	-.14**	-.09*	.03	.05	-.12**	-.33**
<b>Instrumental activities of daily living (IADLs)</b>	.08	.00	-.05	-.06	.08	.00	.06	-.09*	.05	.05	.45**	-.11**	-.45**
<b>Functional ability</b>	-.07	-.06	.09*	.03	-.02	-.01	-.05	.17**	.04	-.03	-.09*	.07	.40**
<b>Falls in past year</b>	-.01	-.01	.01	-.03	.03	.01	.05	-.01	-.03	.02	.05	-.08	-.13**
<b>Medical conditions</b>	.02	.14**	-.13**	-.07	.08*	.01	.07	.00	-.07	.10*	.04	-.05	-.16**
<b>Health professionals consulted in past year</b>	.04	.06	-.08	-.09*	.06	.06	.10*	.05	-.07	.04	.11**	-.12**	-.10*
<b>Services used in past year</b>	.12**	.09*	-.15**	-.16**	.14**	.07	.13**	-.12**	.00	.00	.38**	-.31**	-.32**
<i>Psychological and cognitive</i>													
<b>General well being</b>	-.09*	.02	.05	-.06	.04	.03	.01	.13**	-.01	-.11*	-.10*	.03	.28**
<b>Depression</b>	.13**	-.04	-.06	-.01	.02	-.01	.03	-.04	.00	.13**	.12**	-.12**	-.24**
<b>Morale</b>	-.12*	.04	.05	.02	-.04	.02	.03	.02	-.02	-.08	-.10	.11*	.20**
<b>Self-esteem</b>	-.08	.04	.03	.00	-.04	.04	-.03	.02	.04	-.08	-.02	.02	.15**
<b>Control expectancy</b>	.08	-.02	-.05	.02	-.04	.02	.03	-.12	.03	-.01	-.04	.07	-.10
<b>Personal satisfaction with:</b>													
Place you live	-.07	.03	.03	-.02	-.01	.04	.01	.22**	.07	-.11**	-.01	-.02	.05
Physical health	-.01	.04	-.02	-.07	.05	.04	.04	.09	.01	-.11**	-.12**	-.04	.24**
Finances	-.04	.04	-.01	-.08*	.06	.05	.05	.12**	.03	-.09*	-.02	-.04	.04
Friendships	-.03	.03	.00	-.07	.04	.05	.03	.14**	.03	-.08	-.01	-.04	.06
Marriage	-.07	.00	.04	.00	-.02	.02	.01	.00	-.02	-.05	-.09	-.02	.06

<i>Variable<sup>a</sup></i>	1	2	3	4	5	6	7	8	9	10	11	12	13
Family life	.00	.02	-.02	-.02	.03	-.01	-.01	.05	-.06	-.02	.00	.02	.08
Handling problems	-.03	.02	.00	-.10*	.11**	.02	.01	.03	.03	-.03	-.10*	-.07	.04
Life in general	-.04	.08	-.03	-.10*	.08	.04	.02	.14**	.02	-.06	-.12**	.02	.07
<b>Life satisfaction (Diener)</b>	.00	.01	-.01	.01	-.04	.03	.01	.05	.09	-.07	.05	-.02	-.08
<b>Cognitive functioning</b>	-.05	.06	-.02	-.04	.05	-.01	.01	.10*	.01	.05	-.01	-.04	.10*
<b>Social support, activities, and life events</b>													
<b>Family network (children and grandchildren)</b>	.09*	.06	-.11**	-.09*	.04	.09*	.06	-.01	-.03	.06	-.07	.14**	.07
<b>Social contact with family</b>	.03	.04	-.05	-.08*	.05	.06	.03	.01	-.02	-.01	-.01	.01	.15**
<b>Support from children</b>	.09*	.07	-.12**	-.10*	.11**	.01	.04	.00	-.02	.03	.10*	-.05	-.08
<b>Emotional support</b>	.01	.08*	-.07	-.10**	.13**	.01	.07	.08	.02	-.02	-.01	.09*	-.05
<b>Should be able to depend on children (low=agree)</b>	-.02	.06	-.03	-.13**	.09*	.09*	.07	.00	.03	-.02	.07	.01	.05
<b>Social group meetings</b>	.09	.04	-.08	-.04	.03	.03	.08	-.07	-.05	-.08	.09	-.15**	.17**
<b>Activity levels (Adelaide Activity Profile – AAP)</b>													
Domestic chores	.08	.01	-.06	-.04	.05	.00	.06	.05	.01	-.07	.08	-.23**	.24**
<b>13 Household maintenance</b>	-.04	-.09	.10*	.23**	-.22**	-.08	-.25**	.04	.02	.02	-.16**	.06	...
Service to others	-.05	.00	.04	-.03	.06	-.03	.05	.09	-.04	-.07	.02	-.02	.15**
Social activities	-.06	.10*	-.05	-.07	-.03	.14**	.06	.01	-.14**	-.14**	-.03	-.15**	.24**
<b>Driving frequency</b>	-.01	-.01	.02	-.05	.09	-.02	.05	.17**	.01	.00	-.10	-.23**	.30**
<b>Victim of assault</b>	-.03	.04	-.01	.00	.02	-.03	.02	-.03	.04	.05	-.02	.04	.02
<b>Victim of robbery</b>	-.04	-.01	.03	.09*	-.05	-.07	-.10*	.04	.12**	.09*	.01	-.01	.00
<b>Bereavement</b>	.07	.03	-.07	-.03	-.02	.07	.00	-.01	-.02	.08	.08	-.07	.01

<sup>a</sup> Numbers refer to housing items correlated

<sup>b</sup> Dummy variables calculated for tenure and type of accommodation, and must be interpreted (for example) public rental (coded 1) versus private rental and home ownership (coded 0)

# Pearson (*r*) correlation was conducted between continuous variables, Point-biserial (*r<sub>pb</sub>*) correlation was conducted between dichotomous and continuous variables, and Phi ( $\phi$ ) correlation was conducted between dichotomous variables

\* Significance < .05 \*\* Significance < .01

## Appendix D.4: Summary of Partial correlations for comfort and condition of residence at Wave 1

Psychological Variables	Partial correlation controlling for income		Partial correlation controlling for assets	
	Comfort <sup>a</sup>	Condition <sup>b</sup>	Comfort <sup>c</sup>	Condition <sup>d</sup>
General Well-being	.11**	.10**	.10**	.09**
Depression	-.11**	-.09**	-.10**	-.09**
Morale	.14**	.10**	.14**	.09**
Self-esteem	.10**	.10**	.10**	.09**
Control expectancy	-.10**	-.05	-.10**	-.04
Personal satisfaction with:				
Place you live	.31**	.15**	.31**	.14**
Physical health	.13**	.09**	.12**	.09**
Finances	.17**	.11**	.16**	.11**
Friendships	.18**	.11**	.17**	.11**
Marriage	.11**	.11**	.08**	.12**
Family life	.17**	.12**	.16**	.13**
Handling problems	.13**	.09**	.13**	.10**
Life in general	.21**	.12**	.22**	.13**

<sup>a</sup> Correlation with income,  $r = .05$ ,  $p < .05$  (\*)

<sup>b</sup> Correlation with income,  $r = .10$ ,  $p < .01$  (\*\*)

<sup>c</sup> Correlation with assets,  $r = .14$ ,  $p < .01$

<sup>d</sup> Correlation with assets,  $r = .06$ ,  $p < .05$

It may be noted that because partial correlation excludes cases listwise if missing, the number of cases are reduced by approximately 10% compared with zero-order correlations due to missing data on assets and income.

## Appendix E: Summary of Multiple Linear Regressions to examine contribution of housing towards well-being at Wave 1

Criterion	Predictor <sup>a</sup>	$\beta$	$t$	$R^2$	F	df
<b>Depression</b>	Home type	.007	.19	.057	8.78***	12, 1759
	Independent living vs RV <sup>b</sup>	-.059	-1.58			
	Group housing vs RV <sup>b</sup>	-.014	-.41			
	Number of rooms	-.023	-.75			
	Duration of residence	.000	-.01			
	Household composition	-.120	-4.92***			
	Tenure – public vs private <sup>b</sup>	.106	2.59**			
	Tenure – owner vs private <sup>b</sup>	.041	.93			
	Comfort of residence	-.080	-3.21***			
	Condition of residence	-.074	-2.98**			
	Home Hazards	.081	3.44***			
<b>Cognitive Ability</b>	Home type	-.022	-.64	.015	2.23**	12, 1806
	Independent living vs RV	.092	2.43*			
	Group housing vs RV	.046	1.37			
	Number of rooms	.010	.34			
	Duration of residence	-.010	-.38			
	Household composition	.000	.01			
	Tenure – public vs private	-.060	-1.48			
	Tenure – owner vs private	-.024	-.55			
	Comfort of residence	.048	1.90			
	Condition of residence	.050	1.98*			
	Home Hazards	.011	.47			
<b>Self-esteem</b>	Home type	-.008	-.17	.032	3.06***	12, 1119
	Independent living vs RV	-.014	-.32			
	Group housing vs RV	-.063	-1.58			
	Number of rooms	.003	.08			
	Duration of residence	.002	.05			
	Household composition	-.026	-.85			
	Tenure – public vs private	.034	.65			
	Tenure – owner vs private	.076	1.40			
	Comfort of residence	.073	2.32*			
	Condition of residence	.086	2.74**			
	Home Hazards	-.036	-1.22			
<b>Expectancy of Control</b>	Home type	.028	.66	.042	4.27***	12, 1160
	Independent living vs RV	-.065	-1.47			
	Group housing vs RV	.002	.05			
	Number of rooms	-.114	-2.94**			
	Duration of residence	.106	3.10***			
	Household composition	.108	3.60***			
	Tenure – public vs private	.033	.65			
	Tenure – owner vs private	.020	.38			
	Comfort of residence	-.085	-2.77**			
	Condition of residence	-.028	-.90			
	Home Hazards	-.010	-.33			
<b>Morale</b>	Home type	.031	.72	.059	5.66	12, 1092
	Independent living vs RV	-.023	-.52			
	Group housing vs RV	-.061	-1.49			
	Number of rooms	.085	2.16*			
	Duration of residence	-.008	-.23			
	Household composition	.118	3.82***			
	Tenure – public vs private	-.053	-1.04			
	Tenure – owner vs private	-.024	-.45			
	Comfort of residence	.110	3.54***			
	Home Hazards	-.033	-1.10			
	Condition of residence	.071	2.28*			
<b>General well-Being</b>	Home type	-.009	-.27	.049	7.54***	12, 1747
	Independent living vs RV	.074	1.96*			
	Group housing vs RV	.035	1.04			
	Number of rooms	.071	2.31*			
	Duration of residence	-.014	-.53			
	Household composition	.042	1.70			
	Tenure – public vs private	-.105	-2.56**			

Criterion	Predictor <sup>a</sup>	$\beta$	$t$	$R^2$	F	df
	Tenure – owner vs private	-.036	-.83			
	Comfort of residence	.068	2.70**			
	Condition of residence	.086	3.46***			
	Home Hazards	-.078	-3.30***			
<b>Social activities</b>	Home type	.058	1.68	.026	4.06***	12, 1810
	Independent living vs RV	-.035	-.92			
	Group housing vs RV	-.030	-.91			
	Number of rooms	-.033	-1.09			
	Duration of residence	-.065	-2.41*			
	Household composition	-.050	-2.04*			
	Tenure – public vs private	-.024	-.60			
	Tenure – owner vs private	.052	1.20			
	Comfort of residence	.029	1.15			
	Condition of residence	.033	1.32			
	Home Hazards	-.027	-1.15			
<b>Service to others</b>	Home type	.092	2.67**	.028	4.42***	12, 1822
	Independent living vs RV	-.012	-.31			
	Group housing vs RV	.011	.33			
	Number of rooms	.162	5.31***			
	Duration of residence	-.042	-1.54			
	Household composition	-.023	-.94			
	Tenure – public vs private	-.005	-.13			
	Tenure – owner vs private	.010	.23			
	Comfort of residence	.071	2.86**			
	Condition of residence	-.006	-.23			
	Home Hazards	.004	.17			
<b>Domestic chores</b>	Home type	-.003	-.09	.070	11.48***	12, 1824
	Independent living vs RV	.002	.06			
	Group housing vs RV	.001	.04			
	Number of rooms	.034	1.16			
	Duration of residence	-.030	-1.11			
	Household composition	-.26	-10.94***			
	Tenure – public vs private	.081	2.04*			
	Tenure – owner vs private	.049	1.14			
	Comfort of residence	.050	2.08*			
	Condition of residence	-.007	-.30			
	Home Hazards	.008	.36			
<b>Household maintenance</b>	Home type	-.150	-4.40***	.050	7.96***	12, 1797
	Independent living vs RV	-.001	-.02			
	Group housing vs RV	-.028	-.83			
	Number of rooms	.080	2.65**			
	Duration of residence	-.059	-2.18*			
	Household composition	-.025	-1.05			
	Tenure – public vs private	.091	2.25*			
	Tenure – owner vs private	.088	2.03*			
	Comfort of residence	.008	.31			
	Condition of residence	.058	2.34*			
	Home Hazards	-.031	-1.33			
<b>Self-rated health</b>	Home type	.008	.23	.029	4.47***	12, 1828
	Independent living vs RV	.017	.46			
	Group housing vs RV	.011	.32			
	Number of rooms	.103	3.39***			
	Duration of residence	-.007	-.25			
	Household composition	-.047	-1.92			
	Tenure – public vs private	-.068	-1.69			
	Tenure – owner vs private	-.040	-.91			
	Comfort of residence	.034	1.39			
	Condition of residence	.075	3.03**			
	Home Hazards	-.075	-3.22***			
<b>Health trajectory</b>	Home type	.016	.46	.011	1.76*	12, 1828
	Independent living vs RV	.006	.16			
	Group housing vs RV	-.009	-.28			
	Number of rooms	.002	.08			
	Duration of residence	.005	.18			
	Household composition	.080	3.29***			
	Tenure – public vs private	-.019	-.47			

Criterion	Predictor <sup>a</sup>	$\beta$	$t$	$R^2$	F	df
ADLs	Tenure – owner vs private	.009	.20	.017	2.67***	12, 1830
	Comfort of residence	.040	1.59			
	Condition of residence	.015	.60			
	Home Hazards	-.025	-1.05			
	Home type	-.014	-.41			
	Independent living vs RV	-.038	-1.02			
	Group housing vs RV	-.019	-.58			
	Number of rooms	-.038	-1.25			
	Duration of residence	.020	.73			
	Household composition	.006	.26			
	Tenure – public vs private	.040	.98			
	Tenure – owner vs private	-.007	-.15			
	Comfort of residence	.014	.58			
	Condition of residence	-.016	-.65			
	Home Hazards	.109	4.62***			
IADLs	Home type	.010	.30	.028	4.45***	12, 1830
	Independent living vs RV	-.013	-.34			
	Group housing vs RV	-.016	-.47			
	Number of rooms	-.030	-.97			
	Duration of residence	.047	1.72			
	Household composition	-.075	-3.08***			
	Tenure – public vs private	.089	2.20*			
	Tenure – owner vs private	.002	.04			
	Comfort of residence	.019	.78			
	Condition of residence	-.027	-1.10			
	Home Hazards	.093	3.97***			
	Home type	-.019	-.57			
	Independent living vs RV	-.030	-.80			
	Group housing vs RV	-.063	-1.90			
	Number of rooms	.071	2.35*			
Functional ability	Duration of residence	-.081	-3.02**	.050	8.10***	12, 1830
	Household composition	.057	2.37*			
	Tenure – public vs private	-.040	-1.00			
	Tenure – owner vs private	.043	1.00			
	Comfort of residence	-.049	-2.01*			
	Condition of residence	.042	1.72			
	Home Hazards	-.135	-5.85***			
	Home type	-.003	-.10			
	Independent living vs RV	.027	.73			
	Group housing vs RV	-.035	-1.08			
	Number of rooms	.033	1.11			
	Duration of residence	-.008	-.28			
	Household composition	.190	7.92***			
	Tenure – public vs private	-.023	-.59			
	Tenure – owner vs private	-.011	-.26			
Instrumental support	Comfort of residence	.023	.93	.053	8.62***	12, 1830
	Condition of residence	.047	1.93*			
	Home Hazards	.002	.07			
	Home type	.018	.54			
	Independent living vs RV	.007	.20			
	Group housing vs RV	-.062	-1.86			
	Number of rooms	.026	.87			
	Duration of residence	.041	1.53			
	Household composition	.068	2.81**			
	Tenure – public vs private	-.011	-.28			
	Tenure – owner vs private	-.032	-.72			
	Comfort of residence	.062	2.51**			
	Condition of residence	.056	2.25*			
	Home Hazards	-.002	-.08			
	Home type	.020	.59			
Emotional support	Independent living vs RV	.037	.99	.022	3.37***	12, 1830
	Group housing vs RV	.048	1.45			
	Number of rooms	.137	4.52***			
	Duration of residence	-.072	-2.66**			
	Household composition	.100	4.17***			
	Tenure – public vs private	.104	2.61**			
	Home type	.020	.59			
	Independent living vs RV	.037	.99			
	Group housing vs RV	.048	1.45			
	Number of rooms	.137	4.52***			
	Duration of residence	-.072	-2.66**			
	Household composition	.100	4.17***			
	Tenure – public vs private	.104	2.61**			
	Home type	.020	.59			
	Independent living vs RV	.037	.99			
Family social network	Group housing vs RV	.048	1.45	.041	6.51***	12, 1830
	Number of rooms	.137	4.52***			
	Duration of residence	-.072	-2.66**			
	Household composition	.100	4.17***			
	Tenure – public vs private	.104	2.61**			
	Home type	.020	.59			
	Independent living vs RV	.037	.99			
	Group housing vs RV	.048	1.45			
	Number of rooms	.137	4.52***			
	Duration of residence	-.072	-2.66**			
	Household composition	.100	4.17***			
	Tenure – public vs private	.104	2.61**			
	Home type	.020	.59			
	Independent living vs RV	.037	.99			
	Group housing vs RV	.048	1.45			

Criterion	Predictor <sup>a</sup>	$\beta$	$t$	$R^2$	F	df
	Tenure – owner vs private	-.018	-.43			
	Comfort of residence	.005	.19			
	Condition of residence	-.040	-1.62			
	Home Hazards	.018	.80			
<b>Social contact with family</b>	Home type	.054	1.58	.042	6.74***	12, 1830
	Independent living vs RV	.012	.33			
	Group housing vs RV	.004	.13			
	Number of rooms	.157	5.21***			
	Duration of residence	-.078	-2.92**			
	Household composition	.095	3.94***			
	Tenure – public vs private	.083	2.07*			
	Tenure – owner vs private	.090	2.08*			
	Comfort of residence	-.008	-3.5			
	Condition of residence	.036	1.45			
	Home Hazards	-.005	-.23			
<b>Support from children</b>	Home type	-.017	-.50	.016	2.44**	12, 1830
	Independent living vs RV	-.034	-.89			
	Group housing vs RV	-.026	-.77			
	Number of rooms	.047	1.55			
	Duration of residence	-.026	-.95			
	Household composition	-.007	-.29			
	Tenure – public vs private	.160	3.94***			
	Tenure – owner vs private	.108	2.47**			
	Comfort of residence	.053	2.15*			
	Condition of residence	-.033	-1.34			
	Home Hazards	.045	1.92*			
<b>Other social network</b>	Home type	.015	.45	.013	2.07*	12, 1830
	Independent living vs RV	-.042	-1.10			
	Group housing vs RV	-.047	-1.40			
	Number of rooms	.037	1.22			
	Duration of residence	.031	1.14			
	Household composition	.010	.39			
	Tenure – public vs private	-.085	-2.10			
	Tenure – owner vs private	-.026	-.60			
	Comfort of residence	.024	.97			
	Condition of residence	.037	1.50			
	Home Hazards	.020	.86			
<b>Social group membership</b>	Home type	.110	3.21***	.022	3.37***	12, 1830
	Independent living vs RV	-.031	-.83			
	Group housing vs RV	-.003	-.10			
	Number of rooms	.052	1.70			
	Duration of residence	-.011	-.41			
	Household composition	-.034	-1.39			
	Tenure – public vs private	-.065	-1.61			
	Tenure – owner vs private	.033	.76			
	Comfort of residence	.016	.63			
	Condition of residence	.038	1.54			
	Home Hazards	.019	.82			

<sup>a</sup> predictors were entered simultaneously

<sup>b</sup> N-1 dummy variables created for type of accommodation and tenure to be interpreted as each category versus the non-represented category

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$



## Appendix F.1: Summary of Analyses of Variance and Covariance examining differences between tenures for condition and comfort of residence at Wave 1

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	<i>N</i>	<i>M</i>	<i>F</i>	<i>df</i>	Contrasts <i>t</i>			<i>N</i>	<i>M</i> <sup>b</sup>	<i>F</i>	<i>df</i>	Contrast estimate		
					Public	Private	Home owner					Public	Private	Home owner
Condition			4.78**	2, 1868						4.43**	2, 1864			
Public Rental	213	2.75			...	3.56***	1.69	213	2.76			...	.15**	.01
Private Rental	111	2.90			...	...	3.15***	111	2.91			...	...	.10*
Home Owner	1547	2.80			...	...	...	1547	2.80			...	...	...
Comfort			26.79***	2, 1868						25.84***	2, 1864			
Public Rental	213	2.50			...	3.14***	5.93***	213	2.50			...	.19***	.25***
Private Rental	111	2.69			...	...	1.20	111	2.70			...	...	.01
Home Owner	1547	2.75			...	...	...	1547	2.75			...	...	...

<sup>a</sup> ANCOVAs controlled for the effects of age, gender and marital status

<sup>b</sup> Means reported for ANCOVAs are the adjusted means after removing the above effects

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$

## Appendix F.2: Summary of Analyses of Variance and Covariance examining differences between tenures for Household Maintenance

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	<i>N</i>	<i>M</i>	<i>F</i>	<i>df</i>	Contrasts <i>t</i> <sup>c</sup>			<i>N</i>	<i>M</i> <sup>b</sup>	<i>F</i>	<i>df</i>	Contrast estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
Wave 1														
Household maintenance			17.75***	2, 1835						8.79***	2, 1831			
Public Rental	208	48.12			...	3.61***	2.61**	208	49.34			...	5.52**	1.90
Private Rental	106	40.57			...	...	6.30***	106	43.82			...	...	7.41***
Home Owner	1524	51.63			...	...	...	1524	51.24			...	...	...
Wave 3														
Household maintenance			6.63***	2, 1978						1.52	2, 1274			
Public Rental	145	47.70			...	1.21	2.45**	145	49.39			...	1.09	2.04
Private Rental	50	43.90			...	...	2.86**	50	48.29			...	...	3.14
Home Owner	1086	51.86			...	...	...	1086	51.43			...	...	...
Wave 6														
Household maintenance			2.40*	2, 435						1.51	2, 431			
Public Rental	31	48.87			...	.70	1.03	31	48.85					
Private Rental	32	45.84			...	...	2.01*	32	47.65					
Home Owner	375	52.16			...	...	...	375	52.01					

<sup>a</sup> ANCOVAs controlled for the effects of age, gender and marital status; ANCOVAs only conducted if significant effects obtained in ANOVAs

<sup>b</sup> Means reported for ANCOVAs are the adjusted means after removing the above effects

<sup>c</sup> Contrasts and contrast estimates only reported if the F statistic for the main effect was significant

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$

## Appendix F.3: Proportion of tenures experiencing difficulty with home maintenance

Home maintenance Problems	Tenure					
	Public Rental		Private Rental		Home Ownership	
	N	%	N	%	N	%
Wave 1						
<b>Yes</b>	62	29.1	17	15.3	344	22.2
<b>No</b>	151	70.9	94	84.7	1203	77.4
Wave 3						
<b>Yes</b>	35	33.3	10	25.6	368	40.2
<b>No</b>	70	66.7	29	74.4	547	59.8
Wave 6						
<b>Yes</b>	21	53.8	20	40.8	267	50.5
<b>No</b>	18	46.2	29	59.2	262	49.5

# percent stated within tenure type

### Chi-square statistics:

Wave 1  $\chi^2 = 8.64, p < .01$

Wave 3  $\chi^2 = 4.91, p > .05$

Wave 6  $\chi^2 = 1.93, p > .05$

## Appendix G.1: Summary of Analyses of Variance and Covariance examining differences between tenures for well-being at Wave 1

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts t <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
Age			12.57***	2, 1868										
Public Rental	213	78.15			...	2.69**	2.06*							
Private Rental	111	80.13			...	...	4.74***							
Home Owner	1547	77.20			...	...	...							
Annual Income			27.91***	2, 1764						13.14***	2, 1760			
Public Rental	207	1.56			...	1.78	9.30***	207	1.69			...	.14	.32***
Private Rental	105	1.71			...	...	3.85***	105	1.82			...	...	.18*
Home Owner	1455	2.03			...	...	...	1455	2.00			...	...	...
Assets			67.77***	2, 1580						58.95***	2, 1576			
Public Rental	196	1.41			...	6.28***	15.72***	196	1.46			...	.79***	.94***
Private Rental	98	2.20			...	...	1.76	98	2.25			...	...	.15
Home Owner	1289	2.41			...	...	...	1289	2.40			...	...	...
Self-rated health			4.59**	2, 1865										
Public Rental	213	2.86			...	1.61	3.03**	213	2.84	5.65**	2, 1861	...	.25	.27***
Private Rental	111	3.07			...	...	.34	111	3.08			...	...	.01
Home Owner	1544	3.11			...	...	...	1544	3.11			...	...	...
Health trajectory			1.79	2, 1865										
Public Rental	213	1.77												
Private Rental	111	1.81												
Home Owner	1544	1.85												
ADLs			2.57	2, 1868										
Public Rental	213	.43												
Private Rental	111	.38												
Home Owner	1547	.29												
IADLs			9.25***	2, 1868						5.75**	2, 1864			
Public Rental	213	1.19			...	1.88	3.77***	213	1.08			...	.46**	.32***
Private Rental	111	.86			...	...	.86	111	.63			...	...	.14
Home Owner	1547	.73			...	...	...	1547	.77			...	...	...
Functional ability			10.87***	2, 1868						5.37**	2, 1864			
Public Rental	213	6.28			...	.38	3.81***	213	6.38			...	.24	.42***
Private Rental	111	6.37			...	...	2.27*	111	6.62			...	...	.18
Home Owner	1547	6.83			...	...	...	1547	6.80			...	...	...
Falls in past year			1.06	2, 1867										
Public Rental	213	.51												
Private Rental	111	.41												
Home Owner	1546	.42												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts $t^c$			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
<b>Medical conditions</b>			5.85**	2, 1868						6.76***	2, 1864			
Public Rental	213	5.95			...	2.01*	3.42***	213	6.00			...	.70*	.81***
Private Rental	111	5.25			...	...	.15	111	5.30			...	...	.10
Home Owner	1547	5.21			...	...	...	1547	5.20			...	...	...
<b>Nursing home for self</b>			3.20*	2, 1682						2.91*	2, 1678			
Public Rental	203	2.86			...	2.10*	.09	203	2.86			...	.20*	.01
Private Rental	95	2.65			...	...	2.53**	95	2.66			...	...	.21*
Home Owner	1387	2.87			...	...	...	1387	2.87			...	...	...
<b>Life expectancy for self</b>			1.65	2, 1722										
Public Rental	200	2.82												
Private Rental	97	2.69												
Home Owner	1428	2.85												
<b>Health professionals consulted</b>			.50	2, 1867										
Public Rental	213	2.65												
Private Rental	111	2.69												
Home Owner	1546	2.60												
<b>Services used</b>			11.12***	2, 1868						4.66**	2, 1864			
Public Rental	213	.31			...	1.01	2.47*	213	.28			...	.01	.01
Private Rental	111	.39			...	...	2.97**	111	.32			...	...	.13**
Home Owner	1547	.19			...	...	...	1547	.20			...	...	...
<b>General well-being</b>			13.58***	2, 1779						11.40***	2, 1775			
Public Rental	206	9.54			...	2.11*	5.15***	206	9.58			...	.59**	.69***
Private Rental	104	10.03			...	...	1.27	104	10.17			...	...	.10
Home Owner	1472	10.28			...	...	...	1472	10.27			...	...	...
<b>Depression</b>			12.35***	2, 1793						8.89***	2, 1789			
Public Rental	208	10.15			...	2.18*	4.36***	208	9.85			...	2.03*	2.24***
Private Rental	104	8.20			...	...	.93	104	7.82			...	...	.21
Home Owner	1484	7.54			...	...	...	1484	7.61			...	...	...
<b>Morale</b>			4.33*	2, 1119						3.68*	2, 1115			
Public Rental	125	24.08			...	1.51	2.94**	125	24.15			...	1.07*	.86**
Private Rental	64	24.88			...	...	.38	64	25.22			...	...	.21
Home Owner	933	25.04			...	...	...	933	25.01			...	...	...
<b>Self-esteem</b>			2.84	2, 1146										
Public Rental	121	40.64												
Private Rental	62	40.55												
Home Owner	966	41.68												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts $t^c$			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
<b>Control expectancy</b>			2.34	2, 1187										
Public Rental	133	27.39												
Private Rental	66	26.77												
Home Owner	991	26.68												
<b>Satisfaction with place you live</b>			26.91***	2, 1859										
Public Rental	213	3.66			...	5.00***	7.23***	213	3.66	26.13***	2, 1855	...	.48***	.43***
Private Rental	111	4.14			...	...	.58	111	4.14			...	...	.01
Home Owner	1538	4.09			...	...	...	1538	4.09			...	...	...
<b>Satisfaction with health</b>			2.45	2, 1859										
Public Rental	213	3.22												
Private Rental	111	3.34												
Home Owner	1538	3.38												
<b>Satisfaction with finances</b>			9.36***	2, 1859						9.94***	2, 1855			
Public Rental	213	3.07			...	3.09**	4.23***	213	3.06			...	.27**	.26***
Private Rental	111	3.36			...	...	.53	111	3.33			...	...	.01
Home Owner	1538	3.32			...	...	...	1538	3.32			...	...	...
<b>Satisfaction with friendships</b>			7.09***	2, 1838						7.66***	2, 1834			
Public Rental	208	3.42			...	2.82**	3.64***	208	3.42			...	.29***	.21***
Private Rental	110	3.68			...	...	.65	110	3.71			...	...	.01
Home Owner	1523	3.63			...	...	...	1523	3.63			...	...	...
<b>Satisfaction with marriage</b>			.44	2, 1284										
Public Rental	110	4.19												
Private Rental	57	4.23												
Home Owner	1120	4.27												
<b>Satisfaction with family life</b>			10.83***	2, 1842						6.02***	2, 1838			
Public Rental	210	3.68			...	.40	3.90***	210	3.73			...	.01	.21***
Private Rental	106	3.73			...	...	2.26*	106	3.78			...	...	.15
Home Owner	1529	3.95			...	...	...	1529	3.94			...	...	...
<b>Satisfaction with handling problems</b>			.76	2, 1853										
Public Rental	212	3.44												
Private Rental	110	3.46												
Home Owner	1534	3.51												
<b>Satisfaction with life in general</b>			4.68**	2, 1856						3.60*	2, 1852			
Public Rental	213	3.50			...	1.99*	3.03**	213	3.52			...	.19*	.15*
Private Rental	110	3.69			...	...	.16	110	3.71			...	...	.01
Home Owner	1536	3.68			...	...	...	1536	3.68			...	...	...

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts $t^c$			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
<b>Cognitive functioning</b>			3.34*	2, 1842						2.18	2, 1838			
Public Rental	210	18.53			...	.64	2.45*	210	18.58					
Private Rental	110	18.74			...	...	1.06	111	18.95					
Home Owner	1525	19.02			...	...	...	1525	18.99					
<b>Family network</b>			8.69***	2, 1868						11.23***	2, 1864			
Public Rental	213	4.52			...	3.12***	3.53***	213	4.68			...	.89**	.72***
Private Rental	111	3.20			...	...	1.15	111	3.44			...	...	.17
Home Owner	1547	3.61			...	...	...	1547	3.57			...	...	...
<b>Social contact with family</b>			6.76**	2, 1868						2.25	2, 1864			
Public Rental	213	12.15			...	2.00*	1.13	213	12.72					
Private Rental	111	10.42			...	...	3.05**	111	11.29					
Home Owner	1547	12.71			...	...	...	1547	12.57					
<b>Satisfaction with contact</b>			2.18	2, 1659										
Public Rental	188	6.54												
Private Rental	81	6.80												
Home Owner	1393	6.78												
<b>Support from children</b>			5.90**	2, 1868						6.22***	2, 1864			
Public Rental	213	7.49			...	3.22***	1.90*	213	7.41			...	1.98***	.62
Private Rental	111	5.48			...	...	2.44*	111	5.43			...	...	1.36**
Home Owner	1547	6.78			...	...	...	1547	6.80			...	...	...
<b>Emotional support</b>			.99	2, 1868										
Public Rental	213	1.55												
Private Rental	111	1.56												
Home Owner	1547	1.61												
<b>Instrumental support</b>			4.90**	2, 1868						1.85	2, 1864			
Public Rental	213	2.64			...	.24	2.17*	213	2.68					
Private Rental	111	2.62			...	...	1.85	111	2.67					
Home Owner	1547	2.76			...	...	...	1547	2.75					
<b>Other social network</b>			7.08***	2, 1868						7.73***	2, 1864			
Public Rental	213	2.10			...	2.70**	4.05***	213	2.08			...	.89**	.72***
Private Rental	111	2.88			...	...	.36	111	2.96			...	...	.17
Home Owner	1547	2.79			...	...	...	1547	2.79			...	...	...
<b>Should be able to depend on children (low=agree)</b>			.74	2, 1650										
Public Rental	187	2.64												
Private Rental	79	2.72												
Home Owner	1387	2.72												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts $t^c$			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
<b>Social group membership</b>			5.11**	2, 1868						5.82**	2, 1864			
Public Rental	213	.69			...	2.76**	2.87**	213	.69			...	.36***	.21**
Private Rental	111	1.01			...	...	1.15	111	1.04			...	...	.15
Home Owner	1547	.90			...	...	...	1547	.90			...	...	...
<b>Household composition</b>			27.94***	2, 1868						7.70***	2, 1864			
Public Rental	213	.64			...	1.81	4.98***	213	.78			...	.12**	.01
Private Rental	111	.53			...	...	6.06***	111	.66			...	...	.15***
Home Owner	1547	.84			...	...	...	1547	.81			...	...	...
<b>Domestic chores</b>			2.60	2, 1862										
Public Rental	212	53.86												
Private Rental	110	50.35												
Home Owner	1543	50.58												
<b>Household maintenance</b>			17.75***	2, 1835						8.79***	2, 1831			
Public Rental	208	48.12			...	3.61***	2.61**	208	49.34			...	5.52**	1.90
Private Rental	106	40.57			...	...	6.30***	106	43.82			...	...	7.41***
Home Owner	1524	51.63			...	...	...	1524	51.24			...	...	...
<b>Service to others</b>			1.36	2, 1860										
Public Rental	211	48.45												
Private Rental	111	50.24												
Home Owner	1541	50.87												
<b>Social activities</b>			1.60	2, 1848										
Public Rental	209	47.67												
Private Rental	111	51.68												
Home Owner	1531	49.47												
<b>Driving frequency</b>			.08	2, 980										
Public Rental	57	4.53												
Private Rental	43	4.49												
Home Owner	883	4.49												

<sup>a</sup> ANCOVAs controlled for the effects of age, gender and marital status; ANCOVAs only conducted if significant effects obtained in ANOVAs

<sup>b</sup> Means reported for ANCOVAs are the adjusted means after removing the above effects

<sup>c</sup> Contrasts and contrast estimates only reported if the F statistic for the main effect was significant

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$



## Appendix G.2: Summary of Analyses of Variance and Covariance examining differences between tenures for well-being at Wave 3

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
<b>Age</b>														
Public Rental	164	79.78	9.46***	2, 1447	...	1.44	2.66**							
Private Rental	83	80.95			...	...	3.66***							
Home Owner	1203	78.43			...	...	...							
<b>Annual Income</b>			18.50***	2, 1233						9.11**	2, 1229			
Public Rental	152	1.47			...	2.44*	8.69***	152	1.60			...	.26*	.30***
Private Rental	73	1.74			...	...	1.77	73	1.86			...	...	.00
Home Owner	1011	1.93			...	...	...	1011	1.90			...	...	...
<b>Assets</b>			44.66***	2, 1156						39.86***	2, 1152			
Public Rental	139	1.51			...	6.46***	12.36***	139	1.57			...	.95***	.88***
Private Rental	70	2.46			...	...	.02	70	2.51			...	...	.01
Home Owner	950	2.46			...	...	...	950	2.45			...	...	...
<b>Self-rated health</b>			1.64	2, 1396										
Public Rental	154	2.92												
Private Rental	81	3.09												
Home Owner	1164	3.08												
<b>Health trajectory</b>			2.50	2, 1396										
Public Rental	155	1.63												
Private Rental	81	1.69												
Home Owner	1163	1.75												
<b>ADLs</b>			4.38*	2, 1439						1.57	2, 1435			
Public Rental	164	1.07			...	.19	2.14*	164	1.00					
Private Rental	82	1.11			...	...	1.90	82	.92					
Home Owner	1196	.77			...	...	...	1196	.79					
<b>IADLs</b>			2.36	2, 1426										
Public Rental	161	1.17												
Private Rental	82	1.57												
Home Owner	1186	1.23												
<b>Functional ability</b>			9.45***	2, 1440						5.15**	2, 1436			
Public Rental	164	5.36			...	.59	3.64***	164	5.46			...	.28	.45**
Private Rental	82	5.51			...	...	2.05*	82	5.74			...	...	.17
Home Owner	1197	5.95			...	...	...	1197	5.91			...	...	...
<b>Falls in past year</b>			1.79	2, 1439										
Public Rental	163	.69												
Private Rental	82	.65												
Home Owner	1197	.56												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts $t^c$			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
<b>Medical conditions</b>			.17	2, 1442										
Public Rental	163	1.46												
Private Rental	83	1.58												
Home Owner	1199	1.50												
<b>Nursing home for self</b>			10.07***	2, 1314						8.73***	2, 1310			
Public Rental	144	2.91			...	3.42***	.15	144	2.92			...	.39***	.01
Private Rental	75	2.51			...	...	4.20***	75	2.53			...	...	.39***
Home Owner	1098	2.92			...	...	...	1098	2.92			...	...	...
<b>Life expectancy for self</b>			1.66	2, 1315										
Public Rental	147	2.73												
Private Rental	74	2.59												
Home Owner	1097	2.78												
<b>Services used</b>			3.28*	2, 1447						.40	2, 1443			
Public Rental	164	.45			...	.10	.01	164	.40					
Private Rental	83	.47			...	...	.01	83	.39					
Home Owner	1203	.34			...	...	...	1203	.36					
<b>General well-being</b>			10.22***	2, 1281						8.07***	2, 1277			
Public Rental	145	9.49			...	2.03*	4.50***	145	9.57			...	.79**	.71***
Private Rental	71	10.10			...	...	.86	71	10.36			...	...	.01
Home Owner	1068	10.32			...	...	...	1068	10.29			...	...	...
<b>Depression</b>			11.03***	2, 1310						5.64**	2, 1306			
Public Rental	150	9.78			...	.16	3.77***	150	9.30			...	.43	1.85**
Private Rental	72	9.60			...	...	2.41*	72	8.87			...	...	1.42
Home Owner	1091	7.30			...	...	...	1091	7.45			...	...	...
<b>Morale</b>			5.64**	2, 885						4.16*	2, 881			
Public Rental	82	24.01			...	1.64	3.35***	82	24.19			...	1.25*	1.16**
Private Rental	44	25.09			...	...	.54	44	25.43			...	...	.01
Home Owner	762	25.38			...	...	...	762	25.35			...	...	...
<b>Self-esteem</b>			3.72*	2, 929						2.03	2, 925			
Public Rental	92	41.71			...	1.09	1.41	92	41.79					
Private Rental	55	40.67			...	...	2.44*	55	41.19					
Home Owner	785	42.57			...	...	...	785	42.53					
<b>Control expectancy</b>			2.25	2, 927										
Public Rental	87	26.92												
Private Rental	55	25.93												
Home Owner	788	25.58												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
Personal growth			.35	2, 1318										
Public Rental	147	12.64												
Private Rental	76	12.29												
Home Owner	1098	12.51												
Purpose in life			3.09*	2, 1321						.91	2, 1317			
Public Rental	148	11.67			...	.17	1.99*	148	11.87					
Private Rental	73	11.59			...	...	1.65	73	11.91					
Home Owner	1103	12.28			...	...	...	1103	12.23					
Life satisfaction (Diener)			.78	2, 1338										
Public Rental	150	9.44												
Private Rental	78	9.78												
Home Owner	1113	9.66												
Cognitive functioning			7.17***	2, 1341						8.16***	2, 1337			
Public Rental	149	26.78			...	3.03**	3.18***	149	26.84			...	1.25***	.71***
Private Rental	78	27.79			...	...	.84	78	28.09			...	...	.54
Home Owner	1117	27.59			...	...	...	1117	27.55			...	...	...
Family network			1.69	2, 1447										
Public Rental	164	2.49												
Private Rental	83	2.19												
Home Owner	1203	2.28												
Social contact with family			3.15*	2, 1447						.16	2, 1443			
Public Rental	164	11.47			...	.47	1.81	164	12.06					
Private Rental	83	11.05			...	...	1.90*	83	12.00					
Home Owner	1203	12.48			...	...	...	1203	12.29					
Support from children			2.56*	2, 1447						2.83*	2, 1443			
Public Rental	164	6.60			...	2.27*	.85	164	6.50			...	1.46*	.29
Private Rental	83	5.12			...	...	2.17*	83	5.03			...	...	1.17*
Home Owner	1203	6.21			...	...	...	1203	6.21			...	...	...
Emotional support			.39	2, 1447										
Public Rental	164	1.65												
Private Rental	83	1.64												
Home Owner	1203	1.60												
Should be able to depend on children (low=agree)			1.36	2, 1376										
Public Rental	152	2.57												
Private Rental	81	2.74												
Home Owner	1146	2.67												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
<b>Social group membership</b>			1.06	2, 1442										
Public Rental	163	.50												
Private Rental	83	.65												
Home Owner	1199	.60												
<b>Household composition</b>			11.86***	2, 1304						1.51	2, 1300			
Public Rental	146	.60			...	.71	3.72***	146	.74					
Private Rental	51	.53			...	...	3.10**	51	.67					
Home Owner	1110	.79			...	...	...	1110	.76					
<b>Domestic chores</b>			1.12	2, 1282										
Public Rental	145	54.33												
Private Rental	49	53.10												
Home Owner	1091	51.81												
<b>Household maintenance</b>			6.63***	2, 1278						1.52	2, 1274			
Public Rental	145	47.70			...	1.21	2.45*	145	49.39					
Private Rental	50	43.90			...	...	2.86**	50	48.29					
Home Owner	1086	51.86			...	...	...	1086	51.43					
<b>Service to others</b>			3.19*	2, 1283						3.03*	2, 1279			
Public Rental	145	49.60			...	.21	2.32*	145	49.76			...	1.01	4.08*
Private Rental	49	50.33			...	...	1.17	49	50.77			...	...	3.06
Home Owner	1092	53.88			...	...	...	1092	53.83			...	...	...
<b>Social activities</b>			.00	2, 1278										
Public Rental	144	47.83												
Private Rental	50	47.74												
Home Owner	1087	47.73												
<b>Driving frequency</b>			24.74***	2, 1387						17.81***	2, 1383			
Public Rental	154	1.97			...	1.87	7.25***	154	2.16			...	.70***	.78***
Private Rental	81	2.42			...	...	2.80**	81	2.87			...	...	.01
Home Owner	1155	3.00			...	...	...	1155	2.94			...	...	...

<sup>a</sup> ANCOVAs controlled for the effects of age, gender and marital status; ANCOVAs only conducted if significant effects obtained in ANOVAs

<sup>b</sup> Means reported for ANCOVAs are the adjusted means after removing the above effects

<sup>c</sup> Contrasts and contrast estimates only reported if the F statistic for the main effect was significant

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$

### Appendix G.3: Summary of Analyses of Variance and Covariance examining differences between tenures for well-being at Wave 6

Variable	Analysis of Variance							Analysis of Covariance <sup>a</sup>						
	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
<b>Age</b>			4.44*	2, 625										
Public Rental	41	82.93			...	1.29	.97							
Private Rental	49	84.27			...	...	2.88**							
Home Owner	538	82.16			...	...	...							
<b>Annual Income</b>			8.12***	2, 489						2.15	2, 485			
Public Rental	32	1.69			...	.60	4.24***	32	1.90					
Private Rental	41	1.80			...	...	3.11**	41	2.09					
Home Owner	419	2.28			...	...	...	419	2.24					
<b>Assets</b>			11.42***	2, 425						8.29***	2, 421			
Public Rental	27	1.59			...	2.70**	5.36***	27	1.68			...	.74**	.95***
Private Rental	38	2.26			...	...	2.21*	38	2.42			...	...	.21
Home Owner	363	2.65			...	...	...	363	2.63			...	...	...
<b>Self-rated health</b>			.56	2, 580										
Public Rental	38	3.03												
Private Rental	48	3.10												
Home Owner	497	3.19												
<b>Health trajectory</b>			.26	2, 577										
Public Rental	38	1.71												
Private Rental	48	1.67												
Home Owner	494	1.73												
<b>ADLs</b>			3.32*	2, 618						1.56	2, 614			
Public Rental	40	1.30			...	.77	2.27*	40	1.20					
Private Rental	49	1.06			...	...	1.40	49	.88					
Home Owner	532	.76			...	...	...	532	.78					
<b>IADLs</b>			1.87	2, 612										
Public Rental	39	2.36												
Private Rental	49	1.82												
Home Owner	527	1.81												
<b>Functional ability</b>			2.80	2, 620										
Public Rental	40	5.73												
Private Rental	49	5.82												
Home Owner	534	6.32												
<b>Falls in past year</b>			.07	2, 622										
Public Rental	41	.59												
Private Rental	49	.61												
Home Owner	535	.64												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts $t^c$			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
<b>Medical conditions</b>			6.90***	2, 620						5.57**	2, 616			
Public Rental	41	4.22			...	1.96*	.83	41	4.14			...	1.13*	.27
Private Rental	49	5.37			...	...	3.68***	49	5.27			...	...	1.40***
Home Owner	533	3.85			...	...	...	533	3.87			...	...	...
<b>Health professionals consulted</b>			1.71	2, 586										
Public Rental	39	3.41												
Private Rental	49	3.45												
Home Owner	501	3.21												
<b>Services used</b>			7.49***	2, 625						2.83*	2, 621			
Public Rental	41	1.02			...	.61	3.12***	41	.92			...	.17	.29*
Private Rental	49	.92			...	...	2.53**	49	.75			...	...	.12
Home Owner	538	.61			...	...	...	538	.63			...	...	...
<b>General well-being</b>			2.26	2, 504										
Public Rental	31	9.47												
Private Rental	40	10.32												
Home Owner	436	10.24												
<b>Depression</b>			4.47**	2, 520						4.40**	2, 516			
Public Rental	34	12.21			...	2.29*	2.30*	34	12.02			...	4.37**	3.14**
Private Rental	41	8.17			...	...	.62	41	7.66			...	...	1.23
Home Owner	448	8.83			...	...	...	448	8.89			...	...	...
<b>Morale</b>			2.40*	2, 340						2.91*	2, 336			
Public Rental	20	22.80			...	2.02*	2.08*	20	22.83			...	2.43*	1.65*
Private Rental	31	24.87			...	...	.52	31	25.25			...	...	.77
Home Owner	292	24.52			...	...	...	292	24.48			...	...	...
<b>Self-esteem</b>			1.92	2, 546										
Public Rental	38	40.00												
Private Rental	47	41.70												
Home Owner	464	41.25												
<b>Control expectancy</b>			1.16	2, 322										
Public Rental	23	28.26												
Private Rental	30	26.30												
Home Owner	272	26.47												
<b>Satisfaction with place you live</b>			1.74	2, 580										
Public Rental	38	3.87												
Private Rental	49	4.16												
Home Owner	496	4.10												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts $t^c$			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
<b>Satisfaction with health</b>			.46	2, 580										
Public Rental	38	3.42												
Private Rental	49	3.57												
Home Owner	496	3.45												
<b>Satisfaction with finances</b>			.81	2, 579										
Public Rental	38	3.42												
Private Rental	49	3.63												
Home Owner	495	3.52												
<b>Satisfaction with friendships</b>			.47	2, 566										
Public Rental	35	3.60												
Private Rental	47	3.77												
Home Owner	487	3.69												
<b>Satisfaction with marriage</b>			.72	2, 329										
Public Rental	10	3.90												
Private Rental	18	4.22												
Home Owner	304	4.22												
<b>Satisfaction with family life</b>			.16	2, 547										
Public Rental	37	3.86												
Private Rental	48	3.92												
Home Owner	465	3.85												
<b>Satisfaction with handling problems</b>			.29	2, 576										
Public Rental	38	3.47												
Private Rental	49	3.59												
Home Owner	492	3.54												
<b>Satisfaction with life in general</b>			2.11	2, 578										
Public Rental	38	3.55												
Private Rental	49	3.88												
Home Owner	494	3.67												
<b>Life satisfaction (Diener)</b>			.03	2, 363										
Public Rental	25	7.40												
Private Rental	30	7.47												
Home Owner	311	7.40												
<b>Cognitive functioning</b>			1.52	2, 567										
Public Rental	35	27.84												
Private Rental	48	28.62												
Home Owner	487	28.19												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts t <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
<b>Family network</b>			4.30**	2, 625						7.13***	2, 621			
Public Rental	41	2.88			...	.66	2.48**	41	3.02			...	.22	.75***
Private Rental	49	2.67			...	...	1.75	49	2.80			...	...	.53*
Home Owner	538	2.29			...	...	...	538	2.27			...	...	...
<b>Social contact with family</b>			.87	2, 625										
Public Rental	41	12.29												
Private Rental	49	12.49												
Home Owner	538	11.46												
<b>Support from children</b>			4.51**	2, 625						4.34**	2, 621			
Public Rental	41	9.24			...	.60	2.49**	41	9.39			...	1.06	2.01**
Private Rental	49	8.59			...	...	1.86	49	8.32			...	...	1.15
Home Owner	538	7.16			...	...	...	538	7.17			...	...	...
<b>Emotional support</b>			2.01	2, 625										
Public Rental	41	1.49												
Private Rental	49	1.67												
Home Owner	538	1.45												
<b>Should be able to depend on children (low=agree)</b>			1.09	2, 533										
Public Rental	36	2.50												
Private Rental	44	2.70												
Home Owner	456	2.55												
<b>Social group meetings</b>			1.61	2, 347										
Public Rental	18	1.83												
Private Rental	35	1.63												
Home Owner	297	1.51												
<b>Household composition</b>			16.10***	2, 590						.53	2, 586			
Public Rental	39	.23			...	.15	5.05***	39	.51					
Private Rental	49	.24			...	...	4.84***	49	.51					
Home Owner	505	.60			...	...	...	505	.55					
<b>Domestic chores</b>			1.55	2, 522										
Public Rental	34	57.00												
Private Rental	40	52.95												
Home Owner	451	51.90												
<b>Household maintenance</b>			2.40*	2, 435						1.51	2, 431			
Public Rental	31	48.87			...	.70	1.03	31	48.85					
Private Rental	32	45.84			...	...	2.01*	32	47.65					
Home Owner	375	52.16			...	...	...	375	52.01					



Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Public	Private	Home owner					Public	Private	Home owner
<b>Service to others</b>			.70	2, 464										
Public Rental	30	49.17												
Private Rental	35	52.71												
Home Owner	402	53.26												
<b>Social activities</b>			2.98*	2, 430						2.66	2, 426			
Public Rental	27	49.22			...	2.26*	1.04	27	47.98					
Private Rental	38	59.55			...	...	2.12*	38	58.36					
Home Owner	368	52.98			...	...	...	368	53.20					
<b>Driving frequency</b>			.04	2, 357										
Public Rental	16	3.81												
Private Rental	23	3.83												
Home Owner	321	3.89												

<sup>a</sup> ANCOVAs controlled for the effects of age, gender and marital status; ANCOVAs only conducted if significant effects obtained in ANOVAs

<sup>b</sup> Means reported for ANCOVAs are the adjusted means after removing the above effects

<sup>c</sup> Contrasts and contrast estimates only reported if the F statistic for the main effect was significant

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$

## Appendix H.1: Summary of Analyses of Variance and Covariance examining differences between types of accommodation for well-being at Wave 1

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Indp.	Grp.	RV					Indp.	Grp.	RV
Age			9.08***	2, 1935										
Independent	1739	77.35			...	2.96**	3.22***							
Group Housing	107	79.21			...	...	.35							
Retirement Village	92	77.56			...	...	...							
Annual Income			5.45**	2, 1812						1.87	2, 1806			
Independent	1625	1.97			...	3.27***	.30	1625	1.95					
Group Housing	99	1.66			...	...	2.55**	99	1.83					
Retirement Village	91	2.00			...	...	...	91	2.07					
Assets			2.00	2, 1624										
Independent	1449	2.27												
Group Housing	93	2.11												
Retirement Village	85	2.46												
Self-rated health			.11	2, 1931										
Independent	1736	3.09												
Group Housing	106	3.04												
Retirement Village	92	3.07												
Health trajectory			.79	2, 1929										
Independent	1734	1.84												
Group Housing	106	1.76												
Retirement Village	92	1.84												
ADLs			.46	2, 1935										
Independent	1739	.31												
Group Housing	107	.36												
Retirement Village	92	.39												
IADLs			.38	2, 1935										
Independent	1737	.79												
Group Housing	107	.91												
Retirement Village	92	.84												
Functional ability			4.63**	2, 1935						2.77	2, 1929			
Independent	1739	6.74			...	3.00**	.37	1739	6.72					
Group Housing	107	6.18			...	...	2.38*	107	6.42					
Retirement Village	92	6.82			...	...	...	92	7.01					
Falls in past year			.15	2, 1932										
Independent	1736	.43												
Group Housing	107	.48												
Retirement Village	92	.43												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Indp.	Grp.	RV					Indp.	Grp.	RV
<b>Medical conditions</b>			1.56	2, 1933										
Independent	1737	5.25												
Group Housing	107	5.64												
Retirement Village	92	5.63												
<b>Nursing home for self</b>			7.58***	2, 1733						2.33	2, 1773			
Independent	1561	2.88			...	2.31*	3.25***	1561	2.85					
Group Housing	94	2.68			...	...	.83	94	2.71					
Retirement Village	81	2.58			...	...	...	81	2.72					
<b>Life expectancy for self</b>			5.72**	2, 1779						7.33***	2, 1727			
Independent	1602	2.86			...	2.45*	2.46*	1602	2.89			...	.20*	.29***
Group Housing	94	2.64			...	...	.08	94	2.68			...	...	.01
Retirement Village	86	2.63			...	...	...	86	2.58			...	...	...
<b>Health professionals consulted</b>			5.57**	2, 1932						4.80**	2, 1926			
Independent	1736	2.59			...	2.77**	2.01*	1736	2.59			...	.30**	.22
Group Housing	107	2.91			...	...	.43	107	2.89			...	...	.01
Retirement Village	92	2.84			...	...	...	92	2.82			...	...	...
<b>Services used</b>			8.00***	2, 1933						3.28*	2, 1929			
Independent	1737	.20			...	2.22*	2.14*	1737	.20			...	.01	.11*
Group Housing	107	.36			...	...	.04	107	.29			...	...	.01
Retirement Village	92	.36			...	...	...	92	.31			...	...	...
<b>General well-being</b>			3.52*	2, 1835						1.82	2, 1829			
Independent	1652	10.22			...	1.75	2.09*	1650	10.21					
Group Housing	97	9.86			...	...	.30	97	9.97					
Retirement Village	89	9.78			...	...	...	89	9.88					
<b>Depression</b>			3.99*	2, 1853						2.11	2, 1847			
Independent	1669	7.75			...	2.28*	1.52	1669	7.80					
Group Housing	98	9.41			...	...	.17	98	8.89					
Retirement Village	89	9.21			...	...	...	89	9.00					
<b>Morale</b>			2.09	2, 1157										
Independent	1048	24.98												
Group Housing	54	24.00												
Retirement Village	58	24.97												
<b>Self-esteem</b>			2.59	2, 1187										
Independent	1075	41.58												
Group Housing	52	39.81												
Retirement Village	63	41.48												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Indp.	Grp.	RV					Indp.	Grp.	RV
Control expectancy			1.86	2, 1228										
Independent	1104	26.45												
Group Housing	63	27.51												
Retirement Village	64	27.23												
Satisfaction with place you live			2.71	2, 1915										
Independent	1720	4.05												
Group Housing	106	3.87												
Retirement Village	92	4.11												
Satisfaction with health			.45	2, 1916										
Independent	1721	3.37												
Group Housing	106	3.27												
Retirement Village	92	3.38												
Satisfaction with finances			1.57	2, 1916										
Independent	1721	3.30												
Group Housing	106	3.27												
Retirement Village	92	3.45												
Satisfaction with friendships			.03	2, 1894										
Independent	1701	3.61												
Group Housing	104	3.61												
Retirement Village	92	3.60												
Satisfaction with marriage			2.28	2, 1313										
Independent	1213	4.26												
Group Housing	47	4.13												
Retirement Village	56	4.46												
Satisfaction with family life			1.85	2, 1899										
Independent	1710	3.92												
Group Housing	104	3.76												
Retirement Village	88	3.85												
Satisfaction with handling problems			.64	2, 1908										
Independent	1714	3.51												
Group Housing	105	3.42												
Retirement Village	92	3.49												
Satisfaction with life in general			.01	2, 1913										
Independent	1719	3.67												
Group Housing	105	3.68												
Retirement Village	92	3.67												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Indp.	Grp.	RV					Indp.	Grp.	RV
<b>Cognitive functioning</b>			4.19*	2, 1903						2.05	2, 1897			
Independent	1710	19.02			...	1.75	2.40*	1710	19.00					
Group Housing	104	18.53			...	...	.56	104	18.70					
Retirement Village	92	18.32			...	...	...	92	18.50					
<b>Family network</b>			1.62	2, 1935										
Independent	1739	3.67												
Group Housing	107	3.79												
Retirement Village	92	3.07												
<b>Social contact with family</b>			1.60	2, 1935										
Independent	1739	12.49												
Group Housing	107	11.54												
Retirement Village	92	11.68												
<b>Satisfaction with contact</b>			2.28	2, 1705										
Independent	1545	6.72												
Group Housing	88	6.93												
Retirement Village	75	7.03												
<b>Support from children</b>			.87	2, 1935										
Independent	1739	6.81												
Group Housing	107	6.26												
Retirement Village	92	6.37												
<b>Emotional support</b>			3.95*	2, 1935						2.42	2, 1929			
Independent	1739	1.60			...	2.47*	.45	1739	1.60					
Group Housing	107	1.41			...	...	1.50	107	1.45					
Retirement Village	92	1.57			...	...	...	92	1.58					
<b>Instrumental support</b>			5.39**	2, 1935						3.05*	2, 1929			
Independent	1739	2.74			...	2.61**	.72	1739	2.74			...	.16*	.01
Group Housing	107	2.52			...	...	1.47	107	2.57			...	...	.12
Retirement Village	92	2.68			...	...	...	92	2.69			...	...	...
<b>Other social network</b>			1.66	2, 1935										
Independent	1739	2.70												
Group Housing	107	2.29												
Retirement Village	92	2.91												
<b>Should be able to depend on children (low=agree)</b>			2.73	2, 1696										
Independent	1538	2.70												
Group Housing	87	2.90												
Retirement Village	74	2.73												

Analysis of Variance					Analysis of Covariance <sup>a</sup>									
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Indp.	Grp.	RV					Indp.	Grp.	RV
<b>Social group membership</b>			4.29*	2, 1935						5.19**	2, 1929			
Independent	1739	.86			...	1.95*	2.29*	1739	.85			...	.21*	.27**
Group Housing	107	1.05			...	...	.36	107	1.06			...	...	.01
Retirement Village	92	1.10			...	...	...	92	1.12			...	...	...
<b>Household composition</b>			24.54***	2, 1935						10.32***	2, 1929			
Independent	1739	.83			...	5.98***	4.30***	1739	.81			...	.13**	.15***
Group Housing	107	.50			...	...	1.27	107	.69			...	...	.01
Retirement Village	92	.60			...	...	...	92	.66			...	...	...
<b>Domestic chores</b>			1.37	2, 1918										
Independent	1723	50.70												
Group Housing	106	53.83												
Retirement Village	92	52.01												
<b>Household maintenance</b>			12.66***	2, 1889						5.51**	2, 1883			
Independent	1699	51.11			...	4.81***	3.12***	1699	50.83			...	5.34**	3.47
Group Housing	103	42.65			...	...	.86	103	45.49			...	...	1.87
Retirement Village	90	44.86			...	...	...	90	47.36			...	...	...
<b>Service to others</b>			.62	2, 1915										
Independent	1721	50.46												
Group Housing	105	52.09												
Retirement Village	92	52.21												
<b>Social activities</b>			7.45***	2, 1903						8.07***	2, 1897			
Independent	1709	48.91			...	1.54	3.62***	1709	48.89			...	3.02	7.87***
Group Housing	105	51.91			...	...	1.63	105	51.91			...	...	4.85
Retirement Village	92	56.45			...	...	...	92	56.75			...	...	...
<b>Driving frequency</b>			1.91	2, 1010										
Independent	928	4.50												
Group Housing	39	4.56												
Retirement Village	46	4.35												
<b>Condition of residence</b>			5.48**	2, 1914						5.76**	2, 1908			
Independent	1722	2.79			...	1.67	5.06***	1722	2.79			...	.01	.14**
Group Housing	103	2.85			...	...	1.85	103	2.87			...	...	.01
Retirement Village	92	2.93			...	...	...	92	2.93			...	...	...
<b>Comfort of residence</b>			.79	2, 1914										
Independent	1722	2.72												
Group Housing	103	2.67												
Retirement Village	92	2.75												

<sup>a</sup> ANCOVAs controlled for the effects of age, gender and marital status; ANCOVAs only conducted if significant effects obtained in ANOVAs

<sup>b</sup> Means reported for ANCOVAs are the adjusted means after removing the above effects

<sup>c</sup> Contrasts and contrast estimates only reported if the F statistic for the main effect was significant

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$

## Appendix H.2: Summary of Analyses of Variance and Covariance examining differences between types of accommodation for well-being at Wave 6

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Indp.	Grp.	RV					Indp.	Grp.	RV
<b>Age</b>			4.03*	2, 653										
Independent	532	82.21			...	2.47*	1.65							
Group Housing	73	83.74			...	...	.36							
Retirement Village	51	83.41			...	...	...							
<b>Annual Income</b>			1.13	2, 503										
Independent	397	2.23												
Group Housing	62	2.02												
Retirement Village	47	2.23												
<b>Assets</b>			.75	2, 435										
Independent	353	2.58												
Group Housing	48	2.38												
Retirement Village	37	2.43												
<b>Self-rated health</b>			.44	2, 597										
Independent	479	3.16												
Group Housing	72	3.28												
Retirement Village	49	3.18												
<b>Health trajectory</b>			.01	2, 594										
Independent	477	1.73												
Group Housing	71	1.73												
Retirement Village	49	1.71												
<b>ADLs</b>			.22	2, 646										
Independent	525	.85												
Group Housing	73	.97												
Retirement Village	51	.90												
<b>IADLs</b>			1.92	2, 638										
Independent	517	1.80												
Group Housing	73	2.23												
Retirement Village	51	1.84												
<b>Functional ability</b>			.26	2, 648										
Independent	527	6.20												
Group Housing	73	6.04												
Retirement Village	51	6.08												
<b>Falls in past year</b>			.26	2, 650										
Independent	529	.63												
Group Housing	73	.71												
Retirement Village	51	.67												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Indp.	Grp.	RV					Indp.	Grp.	RV
<b>Medical conditions</b>			2.19	2, 648										
Independent	527	3.90												
Group Housing	73	4.63												
Retirement Village	51	4.12												
<b>Health professionals consulted</b>			2.26	2, 603										
Independent	484	3.20												
Group Housing	72	3.42												
Retirement Village	50	3.44												
<b>Services used</b>			6.44**	2, 653						1.66	2, 649			
Independent	532	.60			...	3.33***	1.68	532	.63					
Group Housing	73	.95			...	...	.93	73	.79					
Retirement Village	51	.80			...	...	...	51	.75					
<b>General well-being</b>			.88	2, 520										
Independent	417	10.15												
Group Housing	65	10.43												
Retirement Village	41	10.44												
<b>Depression</b>			.10	2, 537										
Independent	431	8.97												
Group Housing	66	9.29												
Retirement Village	43	8.72												
<b>Morale</b>			.30	2, 354										
Independent	289	24.50												
Group Housing	40	24.08												
Retirement Village	28	24.68												
<b>Self-esteem</b>			.64	2, 562										
Independent	450	41.23												
Group Housing	67	40.83												
Retirement Village	48	41.71												
<b>Control expectancy</b>			.27	2, 338										
Independent	273	26.68												
Group Housing	39	26.05												
Retirement Village	29	26.97												
<b>Satisfaction with place you live</b>			.53	2, 596										
Independent	478	4.08												
Group Housing	72	4.07												
Retirement Village	49	4.20												



Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts $t^c$			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Indp.	Grp.	RV					Indp.	Grp.	RV
<b>Satisfaction with health</b>			1.41	2, 596										
Independent	478	3.43												
Group Housing	72	3.58												
Retirement Village	49	3.59												
<b>Satisfaction with finances</b>			1.97	2, 595										
Independent	477	3.50												
Group Housing	72	3.65												
Retirement Village	49	3.67												
<b>Satisfaction with friendships</b>			1.52	2, 582										
Independent	465	3.67												
Group Housing	71	3.79												
Retirement Village	49	3.84												
<b>Satisfaction with marriage</b>			.12	2, 338										
Independent	279	4.22												
Group Housing	36	4.17												
Retirement Village	26	4.27												
<b>Satisfaction with family life</b>			.31	2, 563										
Independent	446	3.85												
Group Housing	72	3.93												
Retirement Village	48	3.83												
<b>Satisfaction with handling problems</b>			4.08*	2, 592						3.72*	2, 588			
Independent	476	3.51			...	2.82**	.75	476	3.51			...	.25**	.01
Group Housing	70	3.77			...	...	1.33	70	3.76			...	...	.17
Retirement Village	49	3.59			...	...	...	49	3.60			...	...	...
<b>Satisfaction with life in general</b>			2.74	2, 594										
Independent	476	3.64												
Group Housing	72	3.85												
Retirement Village	49	3.80												
<b>Life satisfaction (Diener)</b>			.45	2, 378										
Independent	310	7.42												
Group Housing	41	7.22												
Retirement Village	30	7.57												
<b>Cognitive functioning</b>			.81	2, 583										
Independent	468	28.18												
Group Housing	71	28.51												
Retirement Village	47	28.18												

Analysis of Variance								Analysis of Covariance <sup>a</sup>						
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Indp.	Grp.	RV					Indp.	Grp.	RV
Family network			3.26*	2, 653						4.78**	2, 649			
Independent	532	2.28			...	1.14	2.39*	532	2.26			...	.33	.59**
Group Housing	73	2.49			...	...	1.14	73	2.59			...	...	.25
Retirement Village	51	2.80			...	...	...	51	2.85			...	...	...
Social contact with family			2.17	2, 653										
Independent	532	11.14												
Group Housing	73	12.25												
Retirement Village	51	12.73												
Support from children			4.02*	2, 653						2.51	2, 649			
Independent	532	7.02			...	2.81**	.67	532	7.07					
Group Housing	73	8.85			...	...	1.38	73	8.51					
Retirement Village	51	7.53			...	...	...	51	7.45					
Emotional support			5.31**	2, 653						5.91**	2, 649			
Independent	532	1.40			...	3.26***	.46	532	1.40			...	.33***	.01
Group Housing	73	1.71			...	...	1.86	73	1.73			...	...	.26
Retirement Village	51	1.45			...	...	...	51	1.47			...	...	....
Should be able to depend on children (low=agree)			5.07**	2, 548						5.53**	2, 544			
Independent	443	2.51			...	2.46*	2.49*	443	2.51			...	.25*	.28**
Group Housing	63	2.75			...	...	.24	63	2.76			...	...	.01
Retirement Village	45	2.78			...	...	...	45	2.79			...	...	...
Social group meetings			.30	2, 356										
Independent	284	1.52												
Group Housing	40	1.60												
Retirement Village	35	1.60												
Household composition			19.92***	2, 607						5.39**	2, 603			
Independent	488	.61			...	5.89***	2.89**	488	.57			...	.11*	.14**
Group Housing	72	.21			...	...	1.71*	72	.47			...	...	.01
Retirement Village	50	.38			...	...	...	50	.43			...	...	...
Domestic chores			.38	2, 536										
Independent	436	51.75												
Group Housing	61	54.39												
Retirement Village	42	52.33												
Household maintenance			13.73***	2, 444						9.87***	2, 440			
Independent	357	53.40			...	4.93***	2.32*	357	53.01			...	9.76***	5.10
Group Housing	55	41.56			...	...	1.40	55	43.25			...	...	4.66
Retirement Village	35	46.60			...	...	...	35	47.92			...	...	...

Analysis of Variance					Analysis of Covariance <sup>a</sup>									
Variable	N	M	F	df	Contrasts <i>t</i> <sup>c</sup>			N	M <sup>b</sup>	F	df	Contrasts estimate <sup>c</sup>		
					Indp.	Grp.	RV					Indp.	Grp.	RV
Service to others			.92	2, 470										
Independent	380	52.64												
Group Housing	59	55.83												
Retirement Village	34	51.26												
Social activities			4.74**	2, 439						4.94**	2, 435			
Independent	349	52.77			...	.36	3.00**	349	52.87			...	1.68	9.21**
Group Housing	56	51.82			...	...	2.69**	56	51.19			...	...	10.89**
Retirement Village	37	62.16			...	...	...	37	62.08			...	...	...
Driving frequency			1.45	2, 365										
Independent	302	3.86												
Group Housing	37	4.27												
Retirement Village	29	3.79												

<sup>a</sup> ANCOVAs controlled for the effects of age, gender and marital status; ANCOVAs only conducted if significant effects obtained in ANOVAs

<sup>b</sup> Means reported for ANCOVAs are the adjusted means after removing the above effects

<sup>c</sup> Contrasts and contrast estimates only reported if the F statistic for the main effect was significant

\* $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$

## Appendix I.1: Summary of t-tests comparing differences between services users and non-users for well-being

Variable	Wave 1				Wave 3				Wave 6			
	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>
<b>Age</b>			9.85***	1957			7.64***	1520			4.82	654
Service User	316	80.77			436	80.76			302	83.47		
Non-user	1643	77.00			1086	78.14			354	81.62		
<b>Annual Income</b>			1.99*	1831			.76	1295			2.91**	504
Service User	293	1.85			354	1.89			235	2.06		
Non-user	1540	1.98			943	1.84			271	2.33		
<b>Assets</b>			3.08**	1642			.93	1214			1.96*	436
Service User	271	2.08			331	2.40			210	2.42		
Non-user	1373	2.32			885	2.33			228	2.65		
<b>Self-rated health</b>			8.14***	1953			4.79***	1469			2.78**	598
Service User	315	2.63			419	2.84			281	3.05		
Non-user	1640	3.18			1052	3.14			319	3.28		
<b>Health trajectory</b>			3.32***	1953			3.07**	1467			.45	595
Service User	316	1.72			419	1.64			280	1.71		
Non-user	1639	1.86			1050	1.76			317	1.74		
<b>ADLs</b>			9.09***	1957			10.19***	1511			7.42***	647
Service User	316	.99			436	1.57			301	1.34		
Non-user	1643	.19			1077	.54			348	.46		
<b>IADLs</b>			20.25***	1957			19.22***	1503			10.00***	639
Service User	316	2.59			430	2.32			300	2.54		
Non-user	1643	.45			1075	.82			341	1.25		
<b>Functional ability</b>			13.59***	1957			7.69***	1512			7.58***	649
Service User	316	5.12			436	5.22			302	5.52		
Non-user	1643	7.01			1078	6.07			349	6.74		
<b>Falls in past year</b>			4.50***	1954			3.12***	1516			1.81	651
Service User	316	.63			436	.70			302	.72		
Non-user	1640	.40			1082	.53			351	.58		
<b>Medical conditions</b>			6.97***	1957			5.44***	1520			1.42	649
Service User	316	6.46			436	1.84			301	3.85		
Non-user	1643	5.07			1086	1.38			350	4.17		
<b>Nursing home for self</b>			6.01***	1733			5.35***	1380				
Service User	273	2.57			393	2.72						

Variable	Wave 1				Wave 3				Wave 6			
	N	M	t	df	N	M	t	df	N	M	t	df
Non-user	1462	2.91			989	2.96						
<b>Life expectancy for self</b>			8.10***	1801			4.16***	1381				
Service User	280	2.45			389	2.60						
Non-user	1523	2.90			994	2.81						
<b>Health professionals consulted</b>			7.36***	1954							2.79**	604
Service User	316	3.03							284	3.37		
Non-user	1640	2.54							322	3.14		
<b>General well-being</b>			9.01***	1856			5.47***	1341			4.16***	521
Service User	287	9.24			369	9.65			250	9.84		
Non-user	1571	10.35			974	10.38			273	10.55		
<b>Depression</b>			6.58***	1874			5.70***	1375			3.47***	538
Service User	291	10.62			380	9.70			255	10.05		
Non-user	1585	7.43			997	7.12			285	8.04		
<b>Morale</b>			4.93***	1168			3.17**	920			3.02**	355
Service User	170	23.74			245	24.56			153	23.81		
Non-user	1000	25.13			677	25.44			204	24.97		
<b>Self-esteem</b>			1.83	1197			2.60**	966			1.76	563
Service User	172	40.78			268	41.57			270	40.90		
Non-user	1027	41.61			700	42.67			295	41.52		
<b>Control expectancy</b>			2.87**	1238			.83	961			.52	339
Service User	170	27.60			267	25.97			150	26.81		
Non-user	1070	26.38			696	25.60			191	26.49		
<b>Satisfaction with place you live</b>			1.59	1939							1.04	597
Service User	314	3.97							280	4.05		
Non-user	1627	4.06							319	4.12		
<b>Satisfaction with health</b>			9.21***	1940							3.67***	597
Service User	313	2.90							280	3.31		
Non-user	1629	3.45							319	3.59		
<b>Satisfaction with finances</b>			1.29	1940							1.07	596
Service User	313	3.25							279	3.50		
Non-user	1629	3.32							319	3.57		
<b>Satisfaction with friendships</b>			2.55**	1918							.82	583
Service User	309	3.51							272	3.67		
Non-user	1611	3.64							313	3.73		

Variable	Wave 1				Wave 3				Wave 6			
	N	M	t	df	N	M	t	df	N	M	t	df
<b>Satisfaction with marriage</b>			.15	1322							.40	339
Service User	170	4.28							120	4.24		
Non-user	1154	4.27							221	4.20		
<b>Satisfaction with family life</b>			3.22***	1923							2.29*	564
Service User	305	3.76							257	3.77		
Non-user	1620	3.94							309	3.93		
<b>Satisfaction with handling problems</b>			2.45*	1932							2.50*	593
Service User	313	3.41							277	3.47		
Non-user	1621	3.52							318	3.62		
<b>Satisfaction with life in general</b>			5.84***	1937							3.89***	595
Service User	312	3.43							280	3.54		
Non-user	1627	3.72							317	3.79		
<b>Personal growth</b>							.63	1386				
Service User					387	12.58						
Non-user					1001	12.47						
<b>Purpose in life</b>							.82	1387				
Service User					386	12.02						
Non-user					1003	12.18						
<b>Life satisfaction (Diener)</b>							.38	1407			.48	379
Service User					400	9.68			166	7.37		
Non-user					1009	9.63			215	7.45		
<b>Cognitive functioning</b>			2.96**	1925			1.46	1406			1.51	584
Service User	307	18.47			397	27.34			277	28.08		
Non-user	1620	19.04			1011	27.56			309	28.34		
<b>Family network</b>			1.47	1957			1.96	1520			1.98*	654
Service User	316	3.41			436	2.18			302	2.22		
Non-user	1643	3.71			1086	2.34			354	2.45		
<b>Social contact with family</b>			3.14**	1957			.58	1520			.40	654
Service User	316	11.33			436	12.03			302	11.28		
Non-user	1643	12.61			1086	12.25			354	11.48		
<b>Satisfaction with contact</b>			1.94*	1725								
Service User	263	6.57										
Non-user	1464	6.78										
<b>Support from children</b>			2.87**	1957	436	6.83	3.16**	1520			1.51	654

Variable	Wave 1				Wave 3				Wave 6			
	N	M	t	df	N	M	t	df	N	M	t	df
Service User	316	7.54			1086	5.92			302	7.60		
Non-user	1643	6.58							354	6.97		
<b>Emotional support</b>			.43	1957			1.30	1520			.19	654
Service User	316	1.57			436	1.57			302	1.44		
Non-user	1643	1.59			1086	1.62			354	1.43		
<b>Instrumental support</b>			1.87	1957								
Service User	316	2.62										
Non-user	1643	2.71										
<b>Should be able to depend on children (low=agree)</b>			1.14	1717			.36	1444			1.38	549
Service User	261	2.65			414	2.64			253	2.61		
Non-user	1458	2.71			1032	2.66			298	2.52		
<b>Social group membership</b>			.89	1957			.42	1520			.99	357
Service User	316	.83			436	.58			167	1.58		
Non-user	1643	.89			1086	.60			192	1.49		
<b>Household composition</b>			7.20***	1935			8.84***	1354			7.46***	608
Service User	313	.59			374	.53			286	.37		
Non-user	1624	.84			982	.83			324	.70		
<b>Domestic chores</b>			5.73***	1918			.31	1329			2.24*	537
Service User	309	44.84			363	51.99			249	50.38		
Non-user	1611	52.11			968	52.34			290	53.58		
<b>Household maintenance</b>			14.22	1889			5.97***	1325			5.21***	445
Service User	293	36.00			363	45.94			191	46.69		
Non-user	1598	53.00			964	52.92			256	54.94		
<b>Service to others</b>			.81	1915			2.95**	1329			.14	471
Service User	310	49.76			363	55.95			218	52.82		
Non-user	1607	50.78			968	52.18			255	53.05		
<b>Social activities</b>			4.80***	1903			2.42*	1325			.03	440
Service User	308	45.09			365	45.94			209	53.40		
Non-user	1597	50.26			962	48.60			233	53.46		
<b>Driving frequency</b>			.02	1018			3.11**	1454			.30	366
Service User	91	4.49			415	2.60			145	3.87		
Non-user	929	4.49			1041	2.93			223	3.91		

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$

## Appendix I.2: Summary of Repeated Measures Analyses of Variance examining changes in well-being between Wave 1 and Wave 3 as a function of service use

Variable	N	M (Wave 1)	M (Wave 3)	F: time x service use interaction	df
<b>Self-rated health</b>				5.53*	1, 1515
Service User	222	2.70	2.65		
Non-user	1296	3.28	3.11		
<b>Health trajectory</b>				.05	1, 1510
Service User	219	1.72	1.59		
Non-user	1294	1.90	1.74		
<b>ADLs</b>				4.40*	1, 1590
Service User	231	.93	2.04		
Non-user	1362	.17	.81		
<b>IADLs</b>				107.67***	1, 1556
Service User	225	2.49	2.02		
Non-user	1334	.35	1.11		
<b>Functional ability</b>				13.29***	1, 1592
Service User	231	5.19	4.31		
Non-user	1364	7.12	5.91		
<b>Falls in past year</b>				1.91	1, 1592
Service User	232	.66	.80		
Non-user	1363	.38	.58		
<b>Medical conditions</b>				41.06***	1, 1600
Service User	232	6.57	1.78		
Non-user	1371	5.05	1.50		
<b>Nursing home for self</b>				.01	1, 1245
Service User	169	2.63	2.63		
Non-user	1079	2.92	2.95		
<b>Life expectancy for self</b>				.19	1, 1335
Service User	182	2.51	2.38		
Non-user	1156	2.96	2.81		
<b>General well-being</b>				.69	1, 1325
Service User	176	9.57	9.14		
Non-user	1152	10.65	10.33		
<b>Depression</b>				.02	1, 1364
Service User	181	10.13	10.95		
Non-user	1186	6.85	7.34		
<b>Morale</b>				.10	1, 690
Service User	87	24.25	23.87		
Non-user	606	25.64	25.50		
<b>Self-esteem</b>				.47	1, 733
Service User	92	41.01	41.25		
Non-user	644	42.08	42.88		
<b>Control expectancy</b>				.19	1, 762
Service User	91	26.81	26.24		
Non-user	674	26.03	25.50		
<b>Cognitive functioning</b>				.52	1, 1431
Service User	203	27.25	26.98		
Non-user	1231	27.76	27.53		
<b>Family network</b>				.29	1, 1600
Service User	232	3.37	1.99		
Non-user	1371	3.70	2.28		
<b>Social contact with family</b>				.85	1, 1600
Service User	232	11.14	10.42		
Non-user	1371	12.63	12.09		
<b>Support from children</b>				1.37	1, 1600
Service User	232	7.07	6.65		
Non-user	1371	6.50	5.93		
<b>Emotional support</b>				3.68	1, 1600
Service User	232	1.55	1.61		
Non-user	1371	1.60	1.56		



Variable	N	M (Wave 1)	M (Wave 3)	F: time x service use interaction	df
<b>Should be able to depend on children (low=agree)</b>				.53	1, 1307
Service User	175	2.71	2.59		
Non-user	1135	2.74	2.70		
<b>Social group membership</b>				.15	1, 1600
Service User	232	.92	.63		
Non-user	1371	.90	.59		
<b>Household composition</b>				.43	1, 1347
Service User	181	.57	.50		
Non-user	1169	.85	.79		
<b>Domestic chores</b>				.08	1, 1315
Service User	169	50.38	48.15		
Non-user	1149	53.79	52.75		
<b>Household maintenance</b>				10.79***	1, 1296
Service User	164	40.13	40.11		
Non-user	1135	56.01	52.84		
<b>Service to others</b>				.03	1, 1313
Service User	171	52.12	52.82		
Non-user	1145	52.11	53.35		
<b>Social activities</b>				2.12	1, 1299
Service User	173	45.61	45.86		
Non-user	1129	50.10	48.38		
<b>Driving frequency</b>				2.27	1, 840
Service User	70	4.53	3.89		
Non-user	773	4.51	4.17		

# analyses controlled for the significant effect of age differences between groups

\* p < .05 \*\* p < .01 \*\*\* p < .001

## Appendix J.1: Summary of Analyses of Variance examining differences between marital status' for well-being at Wave 1

Variable	N	M	F	df	Contrasts <i>t</i> <sup>a</sup>		
					Married	Not Married	Widowed
<b>Age</b>			140.84***	2, 1957			
Married / De facto	1342	76.16			...	3.06**	16.77***
Not Married	108	77.98			...	...	5.35***
Widowed	510	81.35			...	...	...
<b>Annual Income</b>			159.59***	2, 1831			
Married / De facto	1256	2.20			...	7.54***	17.12***
Not Married	104	1.54			...	...	1.41
Widowed	474	1.41			...	...	...
<b>Assets</b>			19.49***	2, 1643			
Married / De facto	1129	2.39			...	.68	6.44***
Not Married	97	2.31			...	...	2.65**
Widowed	420	1.98			...	...	...
<b>Self-rated health</b>			2.46	2, 1953			
Married / De facto	1338	3.05					
Not Married	108	3.11					
Widowed	510	3.18					
<b>Health trajectory</b>			4.16*	2, 1952			
Married / De facto	1337	1.87			...	1.55	2.63**
Not Married	109	1.77			...	...	.17
Widowed	509	1.78			...	...	...
<b>ADLs</b>			2.56	2, 1957			
Married / De facto	1342	.29					
Not Married	108	.30					
Widowed	510	.40					
<b>IADLs</b>			32.44***	2, 1957			
Married / De facto	1342	.62			...	1.93	7.27***
Not Married	108	.92			...	...	1.84
Widowed	510	1.22			...	...	...
<b>Functional ability</b>			14.19***	2, 1957			
Married / De facto	1342	6.86			...	1.69	4.97***
Not Married	108	6.54			...	...	.94
Widowed	510	6.35			...	...	...
<b>Falls in past year</b>			6.28**	2, 1953			
Married / De facto	1339	.40			...	.42	3.25***
Not Married	109	.37			...	...	2.04*
Widowed	508	.55			...	...	...
<b>Medical conditions</b>			.91	2, 1956			
Married / De facto	1340	5.35					
Not Married	109	5.01					
Widowed	510	5.21					
<b>Nursing home for self</b>			.22	2, 1732			
Married / De facto	1205	2.86					
Not Married	99	2.83					
Widowed	431	2.84					
<b>Life expectancy for self</b>			18.66***	2, 1800			
Married / De facto	1259	2.90			...	1.29	6.15***
Not Married	100	2.78			...	...	1.57
Widowed	444	2.62			...	...	...
<b>Health professionals consulted</b>			1.12	2, 1954			
Married / De facto	1340	2.60					
Not Married	108	2.57					
Widowed	509	2.69					
<b>Services used</b>			19.67***	2, 1956			
Married / De facto	1340	.16			...	2.24*	5.22***
Not Married	109	.30			...	...	.36
Widowed	510	.33			...	...	...
<b>General well-being</b>			4.92**	2, 1856			

Variable	N	M	F	df	Contrasts $t^a$		
					Married	Not Married	Widowed
Married / De facto	1279	10.27			...	1.15	3.05**
Not Married	102	10.04			...	...	.41
Widowed	478	9.96			...	...	...
<b>Depression</b>			11.69***	2, 1874			
Married / De facto	1291	7.38			...	1.96*	4.65***
Not Married	103	8.82			...	...	.44
Widowed	483	9.16			...	...	...
<b>Morale</b>			7.89***	2, 1168			
Married / De facto	853	25.13			...	.11	3.93***
Not Married	53	25.19			...	...	1.94*
Widowed	265	24.19			...	...	...
<b>Self-esteem</b>			1.62	2, 1197			
Married / De facto	880	41.62					
Not Married	53	41.94					
Widowed	267	40.97					
<b>Control expectancy</b>			.63	2, 1238			
Married / De facto	904	26.64					
Not Married	57	26.16					
Widowed	280	26.30					
<b>Satisfaction with place you live</b>			2.72	2, 1938			
Married / De facto	1329	4.00					
Not Married	109	3.87					
Widowed	503	4.03					
<b>Satisfaction with health</b>			.71	2, 1939			
Married / De facto	1329	3.35					
Not Married	109	3.35					
Widowed	504	3.41					
<b>Satisfaction with finances</b>			.13	2, 1939			
Married / De facto	1329	3.30					
Not Married	109	3.31					
Widowed	504	3.32					
<b>Satisfaction with friendships</b>			.91	2, 1917			
Married / De facto	1316	3.62					
Not Married	108	3.52					
Widowed	496	3.61					
<b>Satisfaction with marriage</b>							
Married / De facto	...						
Not Married	...						
Widowed	...						
<b>Satisfaction with family life</b>			27.61***	2, 1922			
Married / De facto	1320	4.00			...	5.51***	5.24***
Not Married	105	3.50			...	...	2.46*
Widowed	500	3.75			...	...	...
<b>Satisfaction with handling problems</b>			.03	2, 1931			
Married / De facto	1327	3.50					
Not Married	109	3.49					
Widowed	498	3.50					
<b>Satisfaction with life in general</b>			6.27**	2, 1936			
Married / De facto	1327	3.71			...	2.18*	3.08***
Not Married	108	3.54			...	...	.54
Widowed	504	3.58			...	...	...
<b>Cognitive functioning</b>			7.44***	2, 1925			
Married / De facto	1317	19.10			...	.44	3.68***
Not Married	107	19.00			...	...	1.77
Widowed	504	18.55			...	...	...
<b>Family network</b>			17.47***	2, 1957			
Married / De facto	1342	3.85			...	5.75***	2.17*

Variable	N	M	F	df	Contrasts $t^a$		
					Married	Not Married	Widowed
Not Married	108	1.99			...	...	4.36
Widowed	510	3.49			...	...	...
<b>Social contact with family</b>			73.70***	2, 1957			
Married / De facto	1342	13.18			...	9.42***	4.21***
Not Married	108	5.61			...	...	7.34***
Widowed	510	11.77			...	...	...
<b>Satisfaction with contact</b>			4.72**	2, 1724			
Married / De facto	1236	6.80			...	2.03*	1.83
Not Married	41	6.20			...	...	1.47
Widowed	450	6.64			...	...	...
<b>Support from children</b>			72.23***	2, 1957			
Married / De facto	1342	6.43			...	9.10***	6.94***
Not Married	108	2.53			...	...	12.15***
Widowed	510	8.40			...	...	...
<b>Emotional support</b>			19.22***	2, 1957			
Married / De facto	1342	1.65			...	3.87***	4.65***
Not Married	108	1.35			...	...	1.58
Widowed	510	1.48			...	...	...
<b>Instrumental support</b>			32.92***	2, 1957			
Married / De facto	1342	2.78			...	3.57***	6.29***
Not Married	108	2.45			...	...	.59
Widowed	510	2.51			...	...	...
<b>Other social network</b>			.07	2, 1956			
Married / De facto	1340	2.69					
Not Married	109	2.72					
Widowed	510	2.64					
<b>Should be able to depend on children (low=agree)</b>			1.83	2, 1716			
Married / De facto	1232	2.72					
Not Married	42	2.81					
Widowed	445	2.65					
<b>Social group membership</b>			.11	2, 1957			
Married / De facto	1342	.87					
Not Married	108	.91					
Widowed	510	.89					
<b>Household composition</b>			846.24***	2, 1935			
Married / De facto	1334	1.05			...	13.09***	31.55***
Not Married	107	.33			...	...	1.67
Widowed	497	.23			...	...	...
<b>Domestic chores</b>			38.10***	2, 1918			
Married / De facto	1324	48.31			...	4.61***	8.80***
Not Married	107	56.19			...	...	.36
Widowed	490	56.82			...	...	...
<b>Household maintenance</b>			8.71***	2, 1889			
Married / De facto	1310	51.60			...	2.31*	3.77***
Not Married	106	47.00			...	...	.29
Widowed	476	47.62			...	...	...
<b>Service to others</b>			.95	2, 1915			
Married / De facto	1324	50.95					
Not Married	106	48.37					
Widowed	488	50.18					
<b>Social activities</b>			6.35**	2, 1903			
Married / De facto	1311	48.44			...	.47	3.56***
Not Married	105	49.36			...	...	1.31
Widowed	490	52.11			...	...	...
<b>Driving frequency</b>			1.35	2, 1017			
Married / De facto	774	4.49					
Not Married	44	4.66					
Widowed	202	4.47					

<sup>a</sup> Contrasts only reported if the F statistic for the main effect was significant

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$

## Appendix J.2: Summary of t-tests comparing differences between co-resident status' for well- being

Variable	Wave 1				Wave 3				Wave 6			
	N	M	t	df	N	M	t	df	N	M	t	df
<b>Age</b>			13.38***	1935			10.59***	1354			6.22**	608
Lives alone	525	80.58			432	81.17			297	83.43		
Not alone	1412	76.43			924	77.47			313	81.10		
<b>Annual Income</b>			14.56***	1812			12.78***	1193			8.79***	504
Lives alone	494	1.46			385	1.41			255	1.82		
Not alone	1320	2.14			810	2.06			251	2.59		
<b>Assets</b>			4.79***	1624			3.71***	1113			3.81***	436
Lives alone	443	2.06			357	2.15			215	2.32		
Not alone	1183	2.36			758	2.42			223	2.75		
<b>Self-rated health</b>			1.49	1931			.37	1353			.55	598
Lives alone	525	3.14			431	3.05			297	3.20		
Not alone	1408	3.06			924	3.07			303	3.15		
<b>Health trajectory</b>			3.13**	1931			.52	1350			.67	595
Lives alone	524	1.77			429	1.74			296	1.71		
Not alone	1409	1.87			923	1.72			301	1.74		
<b>ADLs</b>			.70	1935			2.62**	1349			2.95**	603
Lives alone	525	.34			430	.90			294	.93		
Not alone	1412	.31			921	.69			311	.59		
<b>IADLs</b>			5.82***	1935			5.61***	1347			2.26*	600
Lives alone	525	1.13			430	1.57			295	1.89		
Not alone	1412	.67			919	1.08			307	1.60		
<b>Functional ability</b>			3.98***	1935			3.31***	1349			1.77	604
Lives alone	525	6.42			430	5.70			295	6.20		
Not alone	1412	6.82			921	6.03			311	6.48		
<b>Falls in past year</b>			2.22*	1932			1.82	1353			1.68	606
Lives alone	523	.50			431	.63			297	.68		
Not alone	1411	.41			924	.54			311	.55		
<b>Medical conditions</b>			.06	1935			1.72	1354			.94	603
Lives alone	525	5.28			432	1.56			297	4.07		
Not alone	1412	5.29			924	1.41			308	3.86		
<b>Nursing home for self</b>			2.61**	1733			3.04**	1272				
Lives alone	461	2.77			406	2.83						
Not alone	1274	2.88			868	2.97						
<b>Life expectancy for self</b>			5.31***	1779			3.15**	1269				
Lives alone	461	2.77			399	2.65						
Not alone	1274	2.88			872	2.82						
<b>Health professionals sulted</b>			1.69	1932							2.61**	604
Lives alone	524	2.69							297	3.36		
Not alone	1410	2.60							309	3.14		

Variable	Wave 1				Wave 3				Wave 6			
	N	M	t	df	N	M	t	df	N	M	t	df
<b>Services used</b>			6.85***	1935			8.64***	1354			8.04***	608
Lives alone	525	.38			432	.60			297	.92		
Not alone	1412	.15			924	.24			313	.41		
<b>General well-being</b>			4.01***	1835			3.86***	1231			.66	521
Lives alone	495	9.88			385	9.87			258	10.15		
Not alone	1342	10.29			848	10.36			265	10.27		
<b>Depression</b>			6.71***	1853			5.14***	1261			2.59**	538
Lives alone	499	9.88			397	9.25			266	9.74		
Not alone	1356	7.19			866	7.00			274	8.26		
<b>Morale</b>			5.29***	1157			4.67***	842			1.79	353
Lives alone	280	24.00			245	24.41			165	24.15		
Not alone	879	25.23			599	25.64			190	24.83		
<b>Self-esteem</b>			.77	1186			.79	881			.20	563
Lives alone	282	41.28			261	42.26			278	41.19		
Not alone	906	41.57			622	42.59			287	41.26		
<b>Control expectancy</b>			1.27	1228			1.30	877			1.27	337
Lives alone	297	26.18			260	25.27			159	26.16		
Not alone	933	26.66			619	25.81			180	26.93		
<b>Satisfaction with place you</b>			1.20	1917							.66	597
Lives alone	519	4.01							293	4.11		
Not alone	1400	4.06							306	4.07		
<b>Satisfaction with health</b>			.18	1918							1.68	597
Lives alone	520	3.36							293	3.53		
Not alone	1400	3.37							306	3.40		
<b>Satisfaction with finances</b>			.37	1918							1.54	596
Lives alone	520	3.29							292	3.59		
Not alone	1400	3.31							306	3.49		
<b>Satisfaction with friendships</b>			.64	1896							.53	583
Lives alone	515	3.59							284	3.71		
Not alone	1383	3.62							301	3.68		
<b>Satisfaction with marriage</b>			3.50***	1314							.38	339
Lives alone	31	3.61							61	4.18		
Not alone	1285	4.28							280	4.22		
<b>Satisfaction with family life</b>			6.69***	1901							.57	564
Lives alone	512	3.67							264	3.84		
Not alone	1391	4.00							302	3.88		
<b>Satisfaction with handling problems</b>			.85	1910							1.48	593
Lives alone	517	3.48							290	3.59		
Not alone	1395	3.51							305	3.50		

Variable	Wave 1				Wave 3				Wave 6			
	N	M	t	df	N	M	t	df	N	M	t	df
<b>Satisfaction with life in general</b>			4.79***	1915							.72	595
Lives alone	519	3.52							292	3.65		
Not alone	1398	3.72							305	3.70		
<b>Personal growth</b>							.12	1273				
Lives alone					396	12.52						
Not alone					879	12.50						
<b>Purpose in life</b>							2.55**	1276				
Lives alone					394	11.81						
Not alone					884	12.34						
<b>Life satisfaction (Diener)</b>							.63	1293			.25	377
Lives alone					407	9.57			179	7.44		
Not alone					888	9.65			200	7.40		
<b>Cognitive functioning</b>			2.13*	1903			2.98***	1292			.45	584
Lives alone	520	18.74			406	27.19			284	28.26		
Not alone	1385	19.03			888	27.64			302	28.18		
<b>Family network</b>			4.72***	1935			5.66***	1354			2.88**	608
Lives alone	525	3.09			432	2.06			297	2.36		
Not alone	1412	3.86			924	2.52			313	2.68		
<b>Social contact with family</b>			6.36***	1935			3.24***	1354			.45	608
Lives alone	525	10.77			432	11.77			297	12.35		
Not alone	1412	13.00			924	13.02			313	12.14		
<b>Satisfaction with contact</b>			1.64	1706								
Lives alone	420	6.63										
Not alone	1288	6.78										
<b>Support from children</b>			1.34	1935			1.08	1354			1.87	608
Lives alone	525	7.03			432	6.68			297	8.20		
Not alone	1412	6.66			924	6.36			313	7.43		
<b>Emotional support</b>			5.11***	1935			1.83	1354			2.00*	608
Lives alone	525	1.45			432	1.60			297	1.49		
Not alone	1412	1.64			924	1.67			313	1.60		
<b>Instrumental support</b>			8.09***	1935								
Lives alone	525	2.48										
Not alone	1412	2.81										
<b>Should be able to depend on children (low=agree)</b>			.41	1697			1.89	1328			.50	549
Lives alone	412	2.72			421	2.57			267	2.55		
Not alone	1287	2.70			909	2.67			284	2.58		
<b>Social group membership</b>			.84	1935			.47	1354			2.69**	357
Lives alone	525	.91			432	.62			186	1.65		
Not alone	1412	.86			924	.59			173	1.42		

Variable	Wave 1				Wave 3				Wave 6			
	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>
<b>Domestic chores</b>			13.54***	1918			12.34***	1329			5.61***	537
Lives alone	519	59.24			417	60.28			265	56.04		
Not alone	1401	47.86			914	48.58			274	48.28		
<b>Household maintenance</b>			2.35*	1889			1.57	1325			.98	445
Lives alone	506	48.59			420	49.85			208	50.56		
Not alone	1385	51.01			907	51.54			239	52.15		
<b>Service to others</b>			.22	1915			.83	1329			.82	471
Lives alone	517	50.78			419	53.91			227	53.66		
Not alone	1400	50.55			912	52.88			246	52.28		
<b>Social activities</b>			2.73**	1903			3.25***	1325			3.18**	440
Lives alone	517	51.31			423	50.21			218	56.21		
Not alone	1388	48.72			904	46.78			224	50.73		
<b>Driving frequency</b>			1.07	1011			2.90**	1338			4.75***	366
Lives alone	233	4.53			424	2.67			156	4.28		
Not alone	780	4.48			916	2.98			212	3.62		

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$



### Appendix J.3: Summary of Correlations between level of Social Activity (AAP) and Well-being

Variable	Wave 1	Wave 3	Wave 6
<b>Sex</b>	-.07**	-.07**	-.08
<b>Marital status</b>			
Married / De facto	-.08**	-.11**	-.15**
Widowed	.08**	.11**	.14**
Not Married	.00	.02	.01
<b>Income</b>	.05*	-.04	-.02
<b>Assets</b>	.09**	.01	.07
<b>Self-rated health</b>	.10**	.09**	.08
<b>ADLs</b>	-.08**	-.10**	-.05
<b>IADLs</b>	-.12**	-.09**	-.11**
<b>Functional ability</b>	.13**	.11**	.08
<b>Life expectancy for self</b>	.08**	.10**	-
<b>Services used</b>	-.10*	-.05*	-.07
<b>Home type (house or unit)</b>	.10**	.11**	.06
<b>Type of accommodation</b>			
Independent	-.08**	-	-.07
Group Housing	.03	-	-.03
Retirement Village	.08**	-	.14**
<b>General Well-being</b>	.12**	.11**	.19**
<b>Depression</b>	-.10**	-.07*	-.23**
<b>Morale</b>	.10**	.11**	.21**
<b>Self-esteem</b>	.05	.05	.17**
<b>Control expectancy</b>	-.18**	-.13**	-.05
<b>Satisfaction with place you live</b>	.06*	-	.12*
<b>Satisfaction with health</b>	.10**	-	.13**
<b>Satisfaction with finances</b>	.01	-	.13*
<b>Satisfaction with friends</b>	.12**	-	.13**
<b>Satisfaction with marriage</b>	.02	-	.14*
<b>Satisfaction with family life</b>	.00	-	.14**
<b>Satisfaction with life in general</b>	.11**	-	.14**
<b>Personal growth</b>	-	.09**	-
<b>Purpose in life</b>	-	.07*	-
<b>Cognitive functioning</b>	.08**	.10**	.07
<b>Support from children</b>	-.07**	-.11**	-.05
<b>Instrumental support</b>	.07**	-	-
<b>Other social network</b>	.11**	-	-
<b>Social group membership</b>	.46**	.02	.27**
<b>Household maintenance</b>	.16**	.13**	.24**
<b>Service to others</b>	-.05*	-.14**	.01
<b>Driving frequency</b>	.10**	.14**	.14**

# only variables which exhibited a significant correlation with social activity (at any Wave) are reported

\*  $p < .05$  \*\*  $p < .01$

## Appendix J.4: Summary of Correlations between Self-esteem and Well-being

Variable	Wave 1	Wave 3	Wave 6
<b>Age</b>	-.12**	-.15**	-.05
<b>Marital status</b>			
Married / De facto	.04	.10**	.01
Widowed	-.05	-.10**	.00
Not Married	.02	-.01	.01
<b>Self-rated health</b>	.16**	.25**	.21**
<b>Health trajectory</b>	.11**	.13**	.07
<b>ADLs</b>	-.11**	-.20*	-.20**
<b>IADLs</b>	-.08**	-.15**	-.16**
<b>Functional ability</b>	.16**	.25**	.18*
<b>Falls in past year</b>	-.06*	-.11**	-.13*
<b>Medical conditions</b>	-.02	-.07*	-.17**
<b>Nursing home for self</b>	.14**	.22**	-
<b>Life expectancy for self</b>	.12*	.26**	-
<b>Services used</b>	-.06*	-.10**	-.13**
<b>Tenure</b>			
Public Rental	-.05	-.04	-.08
Private Rental	-.04	-.08*	.04
Home Owner	.07*	.08*	.03
<b>Name down for age-specific accommodation</b>	-.08**	-.04	-.14**
<b>General Well-being</b>	.26**	.39**	.36**
<b>Depression</b>	-.25**	-.46**	-.39**
<b>Morale</b>	.40**	.47**	.31**
<b>Control expectancy</b>	-.52**	-.59**	-.25**
<b>Satisfaction with place you live</b>	.11**	-	.07
<b>Satisfaction with health</b>	.15**	-	.27**
<b>Satisfaction with finances</b>	.03	-	.15**
<b>Satisfaction with friends</b>	.10**	-	.11**
<b>Satisfaction with marriage</b>	.07*	-	.04
<b>Satisfaction with family life</b>	.09*	-	.18**
<b>Satisfaction with handling problems</b>	.17*	-	.27**
<b>Satisfaction with life in general</b>	.19**	-	.27**
<b>Life satisfaction (Diener)</b>	-	.26**	.27**
<b>Cognitive functioning</b>	.16*	.16**	.17**
<b>Social contact with family</b>	.07*	.09**	.03
<b>Emotional support</b>	.09**	.08*	.01
<b>Other social network</b>	.08**	-	-
<b>Domestic chores</b>	.14**	.12**	.12**
<b>Household maintenance</b>	.20**	.23**	.15**
<b>Service to others</b>	.11**	.05	.07**
<b>Driving frequency</b>	.09*	.18**	.10*

# only variables which exhibited a significant correlation with social activity (at any Wave) are reported

\*  $p < .05$  \*\*  $p < .01$

## Appendix J.5: Summary of t-tests comparing differences between education levels for well-being

Variable	Wave 1				Wave 3				Wave 6			
	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>
<b>Age</b>			1.36	1941			1.35	1511			.71	654
≤ 14 years	1080	77.77			832	79.07			331	82.34		
≥ 15 years	863	77.38			681	78.65			325	82.61		
<b>Annual Income</b>			8.72***	1828			5.59***	1287			2.95**	504
≤ 14 years	1019	1.79			707	1.73			252	2.07		
≥ 15 years	811	2.17			582	2.01			254	2.34		
<b>Assets</b>			7.37***	1639			6.02***	1207			2.79**	436
≤ 14 years	928	2.09			665	2.18			216	2.38		
≥ 15 years	713	2.52			544	2.57			222	2.70		
<b>Self-rated health</b>			4.78***	1938			3.68***	1460			2.16*	598
≤ 14 years	1079	2.98			800	2.97			300	3.08		
≥ 15 years	861	3.22			662	3.17			300	3.26		
<b>Health trajectory</b>			1.33	1938			.50	1458			.69	595
≤ 14 years	1078	1.82			799	1.72			299	1.71		
≥ 15 years	862	1.86			661	1.74			298	1.74		
<b>ADLs</b>			2.99**	1941			2.73**	1502			2.95**	647
≤ 14 years	1080	.38			825	.93			327	1.04		
≥ 15 years	863	.25			679	.72			322	.69		
<b>IADLs</b>			1.65	1941			2.89**	1494			.40	639
≤ 14 years	1080	.85			819	1.15			322	1.83		
≥ 15 years	863	.74			677	1.36			319	1.88		
<b>Functional ability</b>			3.39***	1941			4.13***	1503			1.56	649
≤ 14 years	1080	6.60			826	5.66			328	6.05		
≥ 15 years	863	6.89			679	6.04			323	6.31		
<b>Falls in past year</b>			.53	1940			.55	1507			.66	651
≤ 14 years	1079	.44			830	.59			330	.62		
≥ 15 years	863	.42			679	.57			323	.67		
<b>Medical conditions</b>			1.88	1941			.17	1511			.06	649
≤ 14 years	1080	5.42			832	1.52			329	4.01		
≥ 15 years	863	5.17			681	1.50			322	3.99		
<b>Nursing home for self</b>			.09	1724			1.51	1372				
≤ 14 years	966	2.86			748	2.92						
≥ 15 years	760	2.85			626	2.86						
<b>Life expectancy for self</b>			.28	1789			.03	1374				
≤ 14 years	995	2.82			753	2.75						
≥ 15 years	796	2.84			623	2.75						
<b>Health professionals consulted</b>			.53	1940							.65	604
≤ 14 years	1080	2.62							302	3.22		
≥ 15 years	863	2.63							304	3.28		

Variable	Wave 1				Wave 3				Wave 6			
	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>
<b>Services used</b>			.74	1941			2.14*	1511			.60	654
≤ 14 years	1080	.21			832	.33			331	.63		
≥ 15 years	863	.22			681	.40			325	.67		
<b>General well-being</b>			6.00***	1852			5.82***	1334			3.39***	521
≤ 14 years	1037	9.94			721	9.89			263	9.92		
≥ 15 years	817	10.48			615	10.55			260	10.50		
<b>Depression</b>			3.33***	1865			2.56**	1368			2.18*	538
≤ 14 years	1046	8.39			741	8.25			271	9.61		
≥ 15 years	821	7.29			629	7.28			269	8.36		
<b>Morale</b>			2.44*	1168			1.71	918			.58	355
≤ 14 years	605	24.68			467	25.00			174	24.35		
≥ 15 years	565	25.18			453	25.40			183	24.58		
<b>Self-esteem</b>			2.16*	1197			.33	963			1.03	563
≤ 14 years	621	41.16			494	42.22			282	41.40		
≥ 15 years	578	41.84			471	42.45			283	41.04		
<b>Control expectancy</b>			1.60	1238			1.05	959			.47	339
≤ 14 years	640	26.77			491	25.88			162	26.78		
≥ 15 years	600	26.31			470	25.50			179	26.50		
<b>Satisfaction with place you live</b>			1.72	1932							.12	597
≤ 14 years	1076	4.01							297	4.09		
≥ 15 years	858	4.08							302	4.09		
<b>Satisfaction with health</b>			2.32*	1923							.78	597
≤ 14 years	1075	3.32							297	3.43		
≥ 15 years	860	3.42							302	3.49		
<b>Satisfaction with finances</b>			3.50***	1933							2.61**	596
≤ 14 years	1075	3.25							297	3.45		
≥ 15 years	860	3.38							301	3.62		
<b>Satisfaction with friendships</b>			3.86***	1912							.56	583
≤ 14 years	1063	3.56							290	3.68		
≥ 15 years	851	3.69							295	3.72		
<b>Satisfaction with marriage</b>			.92	1318							.46	339
≤ 14 years	728	4.25							164	4.20		
≥ 15 years	592	4.29							177	4.24		
<b>Satisfaction with family life</b>			1.30	1917							.64	564
≤ 14 years	1067	3.89							279	3.88		
≥ 15 years	852	3.94							287	3.84		
<b>Satisfaction with handling problems</b>			.01	1926							.87	593
≤ 14 years	1071	3.50							297	3.52		
≥ 15 years	857	3.50							298	3.57		

Variable	Wave 1				Wave 3				Wave 6			
	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>
<b>Satisfaction with life in general</b>			2.31*	1931							1.16	595
≤ 14 years	1076	3.63							297	3.64		
≥ 15 years	857	3.72							300	3.71		
<b>Personal growth</b>							2.94**	1377				
≤ 14 years					742	12.29						
≥ 15 years					637	12.76						
<b>Purpose in life</b>							3.60***	1379				
≤ 14 years					752	11.84						
≥ 15 years					629	12.51						
<b>Life satisfaction (Diener)</b>							1.28	1400			.18	379
≤ 14 years					760	9.71			185	7.43		
≥ 15 years					642	9.56			196	7.40		
<b>Cognitive functioning</b>			4.70***	1916			7.81***	1398			2.75**	584
≤ 14 years	1064	18.70			758	27.04			290	27.98		
≥ 15 years	854	19.27			642	28.06			296	28.44		
<b>Family network</b>			1.61	1941			1.09	1511			.50	654
≤ 14 years	1080	3.77			832	2.26			331	2.32		
≥ 15 years	863	3.53			681	2.34			325	2.38		
<b>Social contact with family</b>			.62	1941			1.13	1511			.88	654
≤ 14 years	1080	12.40			832	12.04			331	11.17		
≥ 15 years	863	12.58			681	12.42			325	11.61		
<b>Satisfaction with contact</b>			.22	1721								
≤ 14 years	964	6.75										
≥ 15 years	759	6.74										
<b>Support from children</b>			3.68***	1941			.01	1511			.44	654
≤ 14 years	1080	7.15			832	6.18			331	7.17		
≥ 15 years	863	6.30			681	6.18			325	7.35		
<b>Emotional support</b>			1.24	1941			.35	1511			.68	654
≤ 14 years	1080	1.61			832	1.61			331	1.42		
≥ 15 years	863	1.58			681	1.60			325	1.46		
<b>Instrumental support</b>			.48	1941								
≤ 14 years	1080	2.71										
≥ 15 years	863	2.70										
<b>Should be able to depend on children (low=agree)</b>			1.83	1714			.97	1435			2.04*	549
≤ 14 years	961	2.67			778	2.63			269	2.50		
≥ 15 years	755	2.74			659	2.68			282	2.62		
<b>Social group membership</b>			5.66***	1941			2.77**	1511			.21	357
≤ 14 years	1080	.77			832	.54			175	1.53		
≥ 15 years	863	1.03			681	.67			184	1.54		

Variable	Wave 1				Wave 3				Wave 6			
	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>	<i>N</i>	<i>M</i>	<i>t</i>	<i>df</i>
<b>Household composition</b>			.96	1919			.04	1346			1.31	608
≤ 14 years	1065	.79			741	.75			303	.58		
≥ 15 years	856	.81			607	.75			307	.52		
<b>Domestic chores</b>			2.30*	1913			1.99*	1322			.12	537
≤ 14 years	1062	50.01			723	51.32			267	52.19		
≥ 15 years	853	52.11			601	53.45			272	52.01		
<b>Household maintenance</b>			.81	1884			2.01*	1318			1.27	445
≤ 14 years	1041	50.08			721	50.13			221	52.45		
≥ 15 years	845	50.83			599	52.24			226	50.40		
<b>Service to others</b>			6.08***	1910			3.73***	1322			2.62**	471
≤ 14 years	1059	48.16			724	51.28			218	50.59		
≥ 15 years	853	53.76			600	55.59			255	54.95		
<b>Social activities</b>			1.76	1898			1.41	1318			.91	440
≤ 14 years	1053	48.70			723	47.23			210	54.27		
≥ 15 years	847	50.30			597	48.63			232	52.68		
<b>Driving frequency</b>			.62	1014			4.03***	1466			.63	366
≤ 14 years	518	4.48			788	2.67			178	3.85		
≥ 15 years	498	4.51			660	3.05			190	3.94		

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$

## Appendix J.6: Summary of Correlations between Assets and Well-being

Variable	Wave 1	Wave 3	Wave 6
Age	-.08**	-.05	-.08
Sex	-.09**	-.15**	-.15**
Marital status			
Married / De facto	.14**	.14**	.21**
Widowed	-.15**	-.15**	-.20**
Not Married	.01	.00	-.04
Co-resident status	.11**	.11**	.18**
Born in Australia	.18**	.19**	.14**
Education level	.18**	.17**	.13**
Annual Income	.40**	.43**	.43**
Self-rated health	.13*	.05	.15**
Health trajectory	.06*	.06*	.14**
ADLs	-.12**	-.06*	-.16**
IADLs	-.14**	.01	-.16**
Functional ability	.17**	.13**	.21**
Falls in past year	-.06*	-.07*	-.14**
Services used	-.09**	-.01	-.13**
Tenure			
Public Rental	-.28**	-.27**	-.21**
Private Rental	-.02	.03	-.07
Home Owner	.25**	.21**	.20**
Home Type	-.07**	-.01	-.10**
General Well-being	.19**	.12**	.22**
Depression	-.13*	-.09**	-.20**
Morale	.12**	.14**	.13**
Control expectancy	-.07*	-.08*	-.02
Satisfaction with place you live	.12**	-	.02
Satisfaction with health	.09**	-	.09
Satisfaction with finances	.25**	-	.24**
Satisfaction with friends	.10**	-	.04
Satisfaction with marriage	.09**	-	-.04
Satisfaction with family life	.09**	-	.02
Satisfaction with handling problems	.11**	-	.06
Satisfaction with life in general	.13**	-	.10*
Cognitive functioning	.13**	.14**	.09
Family social network	-.11**	-.11**	-.11**
Support from children	-.11**	-.13**	-.13**
Household maintenance	.13**	.15**	.21**
Service to others	.10**	.05	-.04
Social activities	.09**	.01	.07
Driving frequency	.08*	.23**	.12**

# only variables which exhibited a significant correlation with social activity (at any Wave) are reported

\*  $p < .05$  \*\*  $p < .01$

## Appendix K.1: Longitudinal comparison groups used in correlations and logistic regressions

Comparison groups	Wave 1 – Wave 3	Wave 3 – Wave 6
Stayed in community versus	1433	550
Moved within the community <sup>a</sup>	89	106
Stayed in the community versus	1433	550
Moved from the community to residential care <sup>a</sup>	81	93

<sup>a</sup> each dichotomous variable was used in correlations, and as the criterion in logistic regressions

## Appendix K.2: Summary of Correlations with Relocation within the Community across both transition periods

Variables	Relocation within the community Wave 1 – 3 <sup>a</sup>	Relocation within the community Wave 3 – 6 <sup>a</sup>
Self esteem (W1)	-.07*	
Emotional support (W3)		.09*
Widowed Wave 1 – 3 or Wave 3 – 6	.09**	.10*
Nursing home for spouse	-.14**	
Satisfied with place you live (W1)	-.06*	
Duration of residence (W1 or W3)	-.08**	-.13**
Relocation past 3 years (W1)	.05*	
Plans to move again (W1 or W3)	.30**	.24**
Name down for age specific accommodation (W1 or W3)		.14**
Rented house (W3)		.09*
Tenure - Public Rental (W3)		.09*
Tenure - Home Owner (W3)		-.10*

<sup>a</sup> dichotomous variable coded relocated within community (1) versus stayed in community (0)

# only variables which exhibited a significant correlation are reported

\*  $p < .05$  \*\*  $p < .01$



### Appendix K.3: Summary of Longitudinal Correlations with Relocation from the Community to Residential Care across both transition periods

Variables	Relocation to Residential Care Wave 1 – 3 <sup>a</sup>	Relocation to Residential Care Wave 3 – 6 <sup>a</sup>
Age (W1 or W3)	.22**	.40**
Born in Australia (W1)	-.08**	
Marital status – Married (W1 or W3)	-.09**	-.18**
Marital status – Widowed (W1 or W3)	.08**	.17**
Co-resident status (W1 or W3)	-.09**	-.17**
Income (W3)		-.12**
Assets (W1)	-.10**	
Home type (W1 or W3)	.06*	.11**
Tenure – Public rental (W3)		.08*
Tenure – Private rental (W1)	.12**	
Tenure – Home owner (W1)	-.08**	
Type of accommodation – Independent (W1)	-.07**	
Difficulties with home maintenance (W1)	.13**	
Name down for age specific accommodation (W1)	.08**	
Self-rated health (W1 or W3)	-.07**	-.16**
Health trajectory (W1 or W3)	-.07**	-.09*
ADLs (W1 or W3)	.14**	.21**
IADLs (W1 or W3)	.20**	.14**
Functional ability (W1 or W3)	-.17**	-.16**
Falls in past year (W3)		.11**
Medical conditions (W3)		.11**
Nursing home for self (W1 or W3)	-.07*	-.11*
Life expectancy for self (W1 or W3)	-.13**	-.16**
Services used (W1 or W3)	.20**	.19**
Support preference – Stay at home with help (W1)	-.10**	
Support preference – Move in with children (W1)	.10**	
Support preference – Move to home for aged (W1)	.07*	
Satisfied with physical health (W1)	-.09**	
General Well-being (W1 or W3)	-.17**	-.28**
Depression (W1 or W3)	.07*	.17**
Morale (W1 or W3)	-.10**	-.19**
Self-esteem (W1 or W3)	-.09**	-.13**
Control expectancy (W1 or W3)	.12**	.21**
Purpose in life (W3)		-.16**
Cognitive functioning (W1 or W3)	-.18**	-.28**
Family social network (W3)		-.12**
Social contact with family (W1 or W3)	-.07**	-.08*
Emotional support (W1 or W3)	-.06*	-.08*
Should be able to depend on children (W1 or W3)	-.06*	-.12**
Domestic chores (W1)	-.13**	
Household maintenance (W1 or W3)	-.20**	-.22**
Service to others (W1 or W3)	-.08**	-.11**
Bereavement (W1)	-.06*	
Driving frequency (W3)		-.14**

<sup>a</sup> dichotomous variable coded relocated from the community to residential care (1) versus stayed in community (0)

# only variables which exhibited a significant correlation are reported

\*  $p < .05$  \*\*  $p < .01$

## Appendix K.4: Summary of Longitudinal Logistic Regressions for Relocation within the Community between W1 and W3

Predictors <sup>a</sup>	B	S.E	Wald	Exp (B)
<b>Regression 1<sup>b</sup></b>				
Satisfaction with place you live	-.19	.14	1.74	.83
Duration of residence	-.27	.13	4.34*	.76
Relocation past 3 years <sup>d</sup>	.29	.45	.43	1.34
Plan to move again <sup>d</sup>	2.60	.29	83.41***	13.50
Widowed between Wave 1 and 3 <sup>d</sup>	1.35	.33	16.71***	3.87
<b>Regression 2<sup>c</sup></b>				
Satisfaction with place you live	-.29	.13	5.07*	.75
Duration of residence	-.30	.12	6.42*	.74
Relocation past 3 years <sup>d</sup>	-.12	.42	.09	.89
Widowed between Wave 1 and 3 <sup>d</sup>	1.13	.31	13.50***	3.10

<sup>a</sup> predictors entered simultaneously

<sup>b</sup> assessed N=1470 (96.6%) of available sample

<sup>c</sup> assessed N=1479 (97.2%) of available sample

<sup>d</sup> variables classified as categorical

## Appendix K.5: Summary of Longitudinal Logistic Regressions for Relocation within the Community between W3 and W6

Predictors <sup>a</sup>	B	S.E	Wald	Exp (B)
<b>Regression 1<sup>b</sup></b>				
Emotional support	.71	.27	6.69**	2.02
Widowed between Wave 3 - 6 <sup>f</sup>	1.09	.34	10.35***	2.98
Duration of residence <sup>f</sup>	-.19	.11	3.16	.83
Plans to move again <sup>f</sup>	1.99	.37	29.78***	7.35
Name down for age specific accommodation <sup>f</sup>	.89	.36	6.33**	2.44
Tenure - Private vs Public <sup>f</sup>	-.42	.65	.40	.66
Tenure - Owner vs Public <sup>f</sup>	-.43	.41	1.11	.65
<b>Regression 2<sup>c</sup></b>				
Emotional support	.52	.23	5.16*	1.69
Widowed between Wave 3 - 6	.74	.31	5.60*	2.09
Duration of residence	-.16	.10	2.64	.85
Tenure - Private vs Public <sup>f</sup>	-.30	.56	.28	.74
Tenure - Owner vs Public <sup>f</sup>	-.49	.37	1.72	.61
<b>Regression 3<sup>d</sup></b>				
Emotional support	.72	.27	7.05**	2.06
Widowed between Wave 3 - 6 <sup>f</sup>	1.09	.34	10.39***	2.98
Duration of residence	-.21	.11	3.85*	.81
Plans to move again <sup>f</sup>	1.98	.37	29.57***	7.26
Name down for age specific accommodation <sup>f</sup>	.88	.35	6.47**	2.41
Rented house <sup>f</sup>	.30	.36	.68	1.35
<b>Regression 4<sup>e</sup></b>				
Emotional support	.50	.23	4.95*	1.65
Widowed between Wave 3 - 6 <sup>f</sup>	.72	.31	5.39*	2.05
Duration of residence	-.20	.10	4.28*	.82
Rented house <sup>f</sup>	.31	.32	.96	1.37

<sup>a</sup> predictors entered simultaneously

<sup>b</sup> assessed N=585 (89.2%) of available sample

<sup>c</sup> assessed N=631 (96.2%) of available sample

<sup>d</sup> assessed N=594 (90.5%) of available sample

<sup>e</sup> assessed N=642 (97.9%) of available sample

<sup>f</sup> variables classified as categorical

## Appendix K.6: Summary of Longitudinal Logistic Regressions for Relocation from the Community to Institutions between W1 and W3

Predictors <sup>a</sup>	B	S.E	Wald	Exp (B)
<b>Regression 1<sup>b</sup></b>				
Age in years	.12	.03	14.70***	1.13
Marital status – Not married vs married <sup>g</sup>	.63	.66	.91	1.88
Marital status – Widowed vs married <sup>g</sup>	-.17	.39	.19	.84
Home type <sup>g</sup>	.04	.42	.01	1.05
Tenure – Private vs Public <sup>g</sup>	.64	.69	.87	1.90
Tenure – Owner vs Public <sup>g</sup>	-.29	.47	.37	.75
Type of accommodation – Group vs Independent <sup>g</sup>	-.21	.68	.09	.81
Type of accommodation – Retirement Village vs Independent <sup>g</sup>	-1.44	1.02	1.98	.24
Difficulties with home maintenance <sup>g</sup>	.25	.45	.31	1.28
Name down for age specific accommodation <sup>g</sup>	.99	.38	6.94**	2.70
Self-rated health	-.34	.20	2.99	.71
Health trajectory	.12	.25	.21	1.12
ADLs	-.09	.18	.26	.91
IADLs	-.09	.15	.34	.92
Life expectancy for self	-.15	.21	.53	.86
Services used	.53	.26	4.05*	1.70
Support preference – Move in with children vs stay at home <sup>g</sup>	1.13	.77	2.15	3.09
Support preference – Move to home for aged vs stay at home <sup>g</sup>	.61	.45	1.90	1.85
Support preference – Move to nursing home vs stay at home <sup>g</sup>	-.18	.501	.13	.84
Satisfied with physical health	-.21	.22	.91	.81
Depression	-.02	.03	.77	.98
Cognitive functioning	-.17	.05	12.80***	.85
Social contact with family	.01	.03	.23	1.01
Emotional support	-.19	.24	.61	.83
Domestic chores	.00	.01	.02	1.00
Household maintenance	-.02	.01	3.18	.98
Service to others	-.01	.01	.48	.99
Bereavement <sup>g</sup>	-.38	.33	1.28	.69
Driving frequency	-.06	.39	.02	.94
<b>Regression 2<sup>c</sup></b>				
Assets	-.31	.18	2.93	.73
Age in years	.14	.04	15.61***	1.15
Marital status – Not married vs married <sup>g</sup>	.75	.71	1.13	2.12
Marital status – Widowed vs married <sup>g</sup>	-.38	.44	.76	.68
Home type <sup>g</sup>	-.10	.48	.04	.91
Tenure – Private vs Public <sup>g</sup>	.52	.74	.48	1.67
Tenure – Owner vs Public <sup>g</sup>	-.31	.51	.37	.73
Type of accommodation – Group vs Independent <sup>g</sup>	.04	.73	.00	1.04
Type of accommodation – Retirement Village vs Independent <sup>g</sup>	-1.19	1.12	1.12	.31
Difficulties with home maintenance <sup>g</sup>	.17	.51	.11	1.19
Name down for age specific accommodation <sup>g</sup>	1.28	.40	10.11***	3.60
Self-rated health	-.28	.22	1.66	.76
Health trajectory	.16	.28	.34	1.18
ADLs	-.03	.18	.02	.97

Predictors <sup>a</sup>	B	S.E	Wald	Exp (B)
IADLs	-.22	.19	1.42	.78
Life expectancy for self	-.26	.22	1.37	.77
Services used	.64	.30	4.56	1.89
Support preference – Move in with children vs stay at home <sup>g</sup>	.60	.96	.39	1.82
Support preference – Move to home for aged vs stay at home <sup>g</sup>	.54	.49	1.20	1.71
Support preference – Move to nursing home vs stay at home <sup>g</sup>	-.20	.53	.15	.82
Satisfied with physical health	-.15	.24	.36	.87
Depression	-.02	.03	.32	.98
Cognitive functioning	-.17	.05	11.22***	.84
Social contact with family	.01	.03	.03	1.00
Emotional support	.01	.28	.00	1.01
Domestic chores	-.01	.01	.50	.99
Household maintenance	-.02	.01	2.05	.98
Service to others	-.01	.01	.26	1.00
Bereavement <sup>g</sup>	-.38	.37	1.08	.68
Driving frequency <sup>g</sup>	-.05	.43	.01	.95
Regression 3 <sup>d</sup>				
Age in years	.12	.03	14.89***	1.12
Marital status – Not married vs married <sup>g</sup>	.73	.61	1.40	2.07
Marital status – Widowed vs married <sup>g</sup>	-.01	.37	.00	.99
Tenure – Private vs Public <sup>g</sup>	.60	.67	.82	1.83
Tenure – Owner vs Public <sup>g</sup>	-.30	.43	.50	.74
Type of accommodation – Group vs Independent <sup>g</sup>	-.25	.66	.14	.78
Type of accommodation – Retirement Village vs Independent <sup>g</sup>	-1.27	.97	1.70	.28
Difficulties with home maintenance <sup>g</sup>	.20	.43	.22	1.23
Name down for age specific accommodation <sup>g</sup>	.93	.37	6.46**	2.54
Self-rated health	-.21	.19	1.24	.81
Health trajectory	.08	.25	.10	1.08
ADLs	-.10	.16	.35	.91
IADLs	-.07	.14	.22	.94
Life expectancy for self	-.08	.20	.17	.92
Services used	.53	.25	4.74*	1.70
Support preference – Move in with children vs stay at home <sup>g</sup>	.50	.76	.44	1.65
Support preference – Move to home for aged vs stay at home <sup>g</sup>	.75	.42	3.16	2.11
Support preference – Move to nursing home vs stay at home <sup>g</sup>	-.09	.48	.03	.92
Satisfied with physical health	-.20	.21	.98	.82
Cognitive functioning	-.16	.05	11.53***	.86
Social contact with family	.01	.02	.08	1.01
Domestic chores	-.01	.01	.39	.99
Household maintenance	-.02	.01	2.52	.98
Service to others	-.01	.01	.64	.99
Driving frequency <sup>g</sup>	-.14	.38	.13	.87
Regression 4 <sup>e</sup>				
Age in years	.10	.03	13.02***	1.11
Marital status – Not married vs married <sup>g</sup>	.17	.62	.07	1.19
Marital status – Widowed vs married <sup>g</sup>	-.06	.34	.03	.94
Tenure – Private vs Public <sup>g</sup>	.74	.59	1.61	2.10
Tenure – Owner vs Public <sup>g</sup>	-.13	.44	.08	.88
Type of accommodation – Group vs Independent <sup>g</sup>	.06	.55	.01	1.06

Predictors <sup>a</sup>	B	S.E	Wald	Exp (B)
Type of accommodation – Retirement Village vs Independent <sup>g</sup>	-.32	.64	.25	.73
Difficulties with home maintenance <sup>g</sup>	.21	.41	.28	1.24
Name down for age specific accommodation <sup>f,g</sup>	.60	.35	2.93	1.83
Self-rated health	-.10	.18	.35	.90
Health trajectory <sup>f</sup>	-.01	.23	.00	.99
ADLs	-.08	.15	.29	.92
IADLs	-.02	.13	.04	.98
Life expectancy for self <sup>f</sup>	-.25	.19	1.68	.78
Services used	.56	.22	6.37**	1.74
Support preference – Move in with children vs stay at home <sup>g</sup>	.55	.71	.59	1.73
Support preference – Move to home for aged vs stay at home <sup>g</sup>	.55	.41	1.79	1.73
Support preference – Move to nursing home vs stay at home <sup>g</sup>	-.10	.44	.05	.91
Satisfied with physical health <sup>f</sup>	-.26	.20	1.80	.77
Depression	-.02	.02	.70	.98
Cognitive functioning <sup>f</sup>	-.15	.04	12.53***	.86
Social contact with family	.02	.02	.54	1.02
Emotional support	-.20	.21	.87	.82
Domestic chores <sup>f</sup>	.00	.01	.00	1.00
Household maintenance <sup>f</sup>	-.02	.01	3.64	.98
Service to others <sup>f</sup>	.00	.01	.01	1.00
Bereavement <sup>f,g</sup>	-.40	.30	1.76	.67
Driving frequency <sup>f,g</sup>	-.05	.36	.02	.95

<sup>a</sup> predictors entered simultaneously

<sup>b</sup> baseline, assessed N=1241 (82.0%) of available sample

<sup>c</sup> baseline plus assets, assessed N=1080 (71.3%) of available sample

<sup>d</sup> correlates  $p < .01$  only, assessed N=1264 (83.5%) of available sample

<sup>e</sup> baseline using estimated data <10% missing, assessed N=1374 (90.8%) of available sample

<sup>f</sup> data estimated for variables using the group mean (ie. relocated to institution or stayed within community)

<sup>g</sup> variables classified as categorical

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$

## Appendix K.7: Summary of Longitudinal Logistic Regressions for Relocation from the Community to Institutions between W3 and W6

Predictors <sup>a</sup>	B	S.E	Wald	Exp (B)
<b>Regression 1<sup>b</sup></b>				
Age in years	.21	.04	27.96***	1.24
Marital status – Not married vs married <sup>f</sup>	-1.19	1.29	.84	.31
Marital status – Widowed vs married <sup>f</sup>	.17	.39	.20	1.19
Home type <sup>f</sup>	.52	.40	1.71	1.69
Tenure – Private vs Public <sup>f</sup>	-2.10	1.20	3.03	.12
Tenure – Owner vs Public <sup>f</sup>	-.54	.56	.93	.58
Self-rated health	.10	.23	.16	1.09
Health trajectory	-.03	.29	.01	.98
ADLs	.07	.17	.15	1.07
IADLs	-.23	.17	1.92	.79
Functional ability	-.01	.17	.00	.99
Falls in past year	.20	.20	1.06	1.23
Medical conditions	.05	.12	.20	1.06
Nursing home for self	-.38	.26	2.19	.69
Life expectancy for self	.38	.27	1.99	1.46
Services used	.30	.33	.85	1.35
Depression	.08	.03	6.20**	1.08
Purpose in life	-.04	.06	.55	.96
Cognitive functioning	-.22	.07	8.47**	.81
Family social network	-.16	.14	1.18	.86
Social contact with family	.01	.03	.14	1.01
Emotional support	.20	.32	.38	1.22
Should be able to depend on children	-.29	.21	1.87	.75
Household maintenance	-.03	.01	4.10	.97
Service to others	.01	.01	.50	1.01
Driving frequency	.12	.11	1.15	1.13
<b>Regression 2<sup>c</sup></b>				
Age in years	.20	.04	28.72***	1.22
Marital status – Not married vs married <sup>f</sup>	-1.67	1.27	1.72	.19
Marital status – Widowed vs married <sup>f</sup>	.05	.36	.02	1.05
Home type <sup>f</sup>	.35	.36	.95	1.42
Self-rated health	-.01	.21	.00	.99
ADLs	.10	.16	.36	1.10
IADLs	-.29	.16	3.10	.75
Functional ability	.09	.16	.32	1.09
Falls in past year	.21	.19	1.20	1.23
Medical conditions	.06	.11	.29	1.06
Life expectancy for self	.29	.25	1.34	1.34
Services used	.52	.31	2.94	1.69
Depression	.08	.03	6.62**	1.08
Purpose in life	-.06	.05	1.29	.94
Cognitive functioning	-.21	.07	8.79**	.81
Family social network	-.22	.14	2.49	.81
Social contact with family	.03	.03	.70	1.03
Should be able to depend on children	-.27	.20	1.84	.76
Household maintenance	-.02	.01	3.43	.98
Service to others	.00	.01	.12	1.00
Driving frequency	.05	.11	.26	1.06
<b>Regression 3<sup>d</sup></b>				

Predictors <sup>a</sup>	B	S.E	Wald	Exp (B)
Age in years	.21	.03	37.91***	1.23
Marital status – Not married vs married <sup>f</sup>	-.19	.74	.07	.83
Marital status – Widowed vs married <sup>f</sup>	-.08	.33	.06	.92
Home type <sup>f</sup>	.63	.33	3.57	1.88
Tenure – Private vs Public <sup>f</sup>	-1.32	.83	2.52	.27
Tenure – Owner vs Public <sup>f</sup>	-.28	.49	.31	.76
Self-rated health <sup>e</sup>	-.04	.19	.04	.96
Health trajectory <sup>e</sup>	-.05	.24	.04	.96
ADLs	.10	.14	.52	1.11
IADLs	-.20	.14	2.08	.82
Functional ability	.12	.13	.79	1.12
Falls in past year	.12	.16	.54	1.13
Medical conditions	.04	.10	.13	1.04
Nursing home for self <sup>e</sup>	-.11	.22	.24	.90
Life expectancy for self <sup>e</sup>	.35	.23	2.36	1.41
Services used	.48	.27	3.13	1.61
Depression <sup>e</sup>	.08	.03	7.55**	1.08
Purpose in life <sup>e</sup>	-.03	.05	.44	.97
Cognitive functioning <sup>e</sup>	-.24	.06	13.64***	.79
Family social network	-.24	.13	3.53	.79
Social contact with family	.05	.03	2.42	1.05
Emotional support	-.13	.22	.34	.88
Should be able to depend on children <sup>e</sup>	-.33	.18	3.45	.72
Household maintenance <sup>e</sup>	-.03	.01	5.54*	.97
Service to others <sup>e</sup>	.00	.01	.09	1.00
Driving frequency <sup>e</sup>	.08	.09	.70	1.08

<sup>a</sup> predictors entered simultaneously

<sup>b</sup> baseline, assessed N=481 (74.8%) of available sample

<sup>c</sup> correlates  $p < .01$  only, assessed N=505 (78.5%) of available sample

<sup>d</sup> baseline using estimated data <10% missing, assessed N=616 (95.8%) of available sample

<sup>e</sup> data estimated for variables using the group mean (ie. relocated to institution or stayed within community)

<sup>f</sup> variables classified as categorical

\*  $p < .05$  \*\*  $p < .01$  \*\*\*  $p < .001$

## Appendix L.1: Summary of Repeated Measures Analyses of Variance examining changes in well-being across both transition periods as a function of Relocation Status<sup>a</sup>

Variable	Wave 1 – Wave 3					Wave 3 – Wave 6				
	N	M (Wave 1)	M (Wave 3)	F: time x relocation interaction	df	N	M (Wave 3)	M (Wave 6)	F: time x service use interaction	df
<b>Self-rated health</b>				6.87**	1, 1515				1.55	1, 620
Relocated	136	3.01	3.04			122	3.28	2.98		
Not relocated	1382	3.22	3.04			501	3.38	3.20		
<b>Health trajectory</b>				.66	1, 1510				1.39	1, 617
Relocated	134	1.78	1.69			121	1.72	1.74		
Not relocated	1379	1.88	1.72			499	1.81	1.72		
<b>ADLs</b>				57.50***	1, 1590				78.95***	
Relocated	169	.53	2.25			192	.83	2.59		1, 729
Not relocated	1424	.25	.84			540	.46	.78		
<b>IADLs</b>				28.14***	1, 1556				.21	1, 705
Relocated	143	1.19	1.04			174	1.33	2.28		
Not relocated	1416	.61	1.26			534	1.09	1.88		
<b>Functional ability</b>				22.41***	1, 1592				60.05***	1, 738
Relocated	170	6.15	4.40			198	6.02	4.38		
Not relocated	1425	6.92	5.83			543	6.33	6.24		
<b>Falls in past year</b>				1.64	1, 1592				.51	1, 740
Relocated	167	.46	.78			198	.63	.88		
Not relocated	1428	.41	.59			545	.51	.64		
<b>Medical conditions</b>				1.77	1, 1600				3.23	1, 738
Relocated	170	5.13	1.77			196	1.69	4.54		
Not relocated	1433	5.29	1.51			545	1.36	3.85		
<b>Nursing home for self</b>				.00	1, 1245					
Relocated	70	2.77	2.80							
Not relocated	1178	2.89	2.91							
<b>Life expectancy for self</b>				1.58	1, 1335					
Relocated	110	2.71	2.66							
Not relocated	1228	2.91	2.76							



Wave 1 – Wave 3						Wave 3 – Wave 6				
Variable	N	M (Wave 1)	M (Wave 3)	F: time x relocation interaction	df	N	M (Wave 3)	M (Wave 6)	F: time x service use interaction	df
<b>Services used</b>				9.27**	1, 1600				7.63**	1, 746
Relocated	170	.42	.47			199	.44	.62		
Not relocated	1433	.16	.36			550	.29	.66		
<b>General well-being</b>				4.45*	1, 1325				1.14	1, 523
Relocated	106	10.09	9.96			101	10.78	9.70		
Not relocated	1222	10.55	10.19			425	11.04	10.25		
<b>Depression</b>				.03	1, 1364				.78	1, 544
Relocated	108	7.86	8.51			105	7.18	9.47		
Not relocated	1259	7.24	7.76			442	6.04	8.93		
<b>Morale</b>				.76	1, 690				1.08	1, 275
Relocated	45	24.80	24.93			47	3.79	3.56		
Not relocated	648	25.51	25.32			231	3.04	3.48		
<b>Self-esteem</b>				2.10	1, 733				.66	1, 447
Relocated	53	39.79	41.32			86	42.87	40.66		
Not relocated	683	42.11	42.78			364	43.25	41.51		
<b>Control expectancy</b>				.47	1, 762				.87	1, 274
Relocated	49	26.61	26.61			54	24.41	27.19		
Not relocated	716	26.09	25.51			223	24.59	26.56		
<b>Life satisfaction (Diener)</b>									2.45	1, 378
Relocated						71	9.90	7.24		
Not relocated						310	9.69	7.46		
<b>Cognitive functioning</b>				.04	1, 1431				9.70**	1, 602
Relocated	120	27.20	26.91			119	28.25	27.48		
Not relocated	1314	27.73	27.50			486	28.32	28.27		
<b>Social contact with family</b>				8.78**	1, 1600				30.15***	1, 746
Relocated	170	11.74	9.39			199	6.25	7.62		
Not relocated	1433	12.49	12.14			550	6.30	6.38		
<b>Support from children</b>				19.33***	1, 1600				23.34***	1, 746
Relocated	170	7.25	5.13			199	6.67	5.22		
Not relocated	1433	6.50	6.14			550	5.86	7.13		
<b>Emotional support</b>				9.53**	1, 1600				41.06***	1, 746
Relocated	170	1.52	1.28			199	1.68	.93		
Not relocated	1433	1.60	1.60			550	1.66	1.46		

Wave 1 – Wave 3						Wave 3 – Wave 6				
Variable	N	M (Wave 1)	M (Wave 3)	F: time x relocation interaction	df	N	M (Wave 3)	M (Wave 6)	F: time x service use interaction	df
<b>Social group membership</b>				.07	1, 1600				.01	1, 374
Relocated	170	.78	.55			77	.60	1.55		
Not relocated	1433	.91	.60			300	.58	1.53		
<b>Household composition</b>				.36	1, 1347				4.09*	1, 594
Relocated	68	.87	.78			123	.71	.41		
Not relocated	1282	.81	.75			474	.75	.56		
<b>Domestic chores</b>				.91	1, 1315				12.00***	1, 509
Relocated	65	55.20	52.69			92	57.02	58.21		
Not relocated	1253	53.25	52.14			420	44.99	52.49		
<b>Household maintenance</b>				.04	1, 1296				9.01**	1, 430
Relocated	61	54.49	52.30			78	58.24	45.03		
Not relocated	1238	53.98	51.18			355	58.74	52.17		
<b>Service to others</b>				1.31	1, 1313				.00	1, 450
Relocated	65	51.22	54.83			80	58.33	60.93		
Not relocated	1251	52.16	53.20			373	50.34	53.06		
<b>Social activities</b>				3.01	1, 1299				5.19*	1, 418
Relocated	65	47.89	50.51			81	48.59	56.20		
Not relocated	1237	49.59	47.91			340	50.59	52.49		
<b>Driving frequency</b>				26.37***	1, 847				.39	1, 365
Relocated	61	4.61	6.54			58	3.98	3.62		
Not relocated	789	4.50	4.18			310	4.19	3.91		

<sup>a</sup> comparison groups Relocated (combining both destinations Wave 1-3 N=170, Wave 3-6 N=199) versus Not Relocated (community only Wave 1-3 N=1433, Wave 3-6 N=550)

# analyses controlled for the significant effect of age differences between groups

\* p < .05 \*\* p < .01 \*\*\* p < .001

## Appendix L.2: Summary of Repeated Measures Analyses of Variance examining changes in well-being across both transition periods as a function of Relocation Destination<sup>a</sup>

Variable	Wave 1 – Wave 3					Wave 3 – Wave 6				
	N	M (Wave 1)	M (Wave 3)	F: time x relocation interaction	df	N	M (Wave 3)	M (Wave 6)	F: time x service use interaction	df
<b>Self-rated health</b>				2.38	1, 133				2.55	1, 119
Relocated to Institution	47	2.74	2.53			31	3.10	2.55		
Relocated within Community	89	3.15	3.31			91	3.34	3.12		
<b>Health trajectory</b>				.27	1, 131				2.46	1, 118
Relocated to Institution	45	1.58	1.47			30	1.57	1.60		
Relocated within Community	89	1.89	1.81			91	1.77	1.78		
<b>ADLs</b>				42.67***	1, 166				23.16***	1, 189
Relocated to Institution	80	.75	3.79			87	1.25	4.20		
Relocated within Community	89	.34	.87			105	.49	1.27		
<b>IADLs</b>				12.07***	1, 140				3.09	1, 171
Relocated to Institution	54	1.89	1.02			71	1.76	3.13		
Relocated within Community	89	.76	1.06			103	1.03	1.69		
<b>Functional ability</b>				28.97***	1, 167				39.35***	1, 195
Relocated to Institution	81	5.56	2.90			93	5.65	2.63		
Relocated within Community	89	6.69	5.76			105	6.35	5.92		
<b>Falls in past year</b>				10.77***	1, 164				.00	1, 195
Relocated to Institution	78	.56	1.23			92	.77	1.12		
Relocated within Community	89	.36	.38			106	.51	.67		
<b>Medical conditions</b>				2.09	1, 167				1.00	1, 193
Relocated to Institution	81	4.88	2.05			90	1.83	4.27		
Relocated within Community	89	5.36	1.52			106	1.58	4.77		

Variable	Wave 1 – Wave 3					Wave 3 – Wave 6				
	N	M (Wave 1)	M (Wave 3)	F: time x relocation interaction	df	N	M (Wave 3)	M (Wave 6)	F: time x service use interaction	df
<b>Life expectancy for self</b>				2.17	1, 107					
Relocated to Institution	36	2.47	2.28							
Relocated within Community	74	2.82	2.85							
<b>Services used</b>				1.99	1, 168				.27	1, 196
Relocated to Institution	81	.62	.57			93	.61	.65		
Relocated within Community	89	.24	.38			106	.28	.60		
<b>General well-being</b>				5.86*	1, 103				1.06	1, 98
Relocated to Institution	32	9.25	8.17			23	9.93	9.08		
Relocated within Community	74	10.46	10.74			78	11.03	10.18		
<b>Depression</b>				4.21*	1, 105				.20	1, 102
Relocated to Institution	33	9.15	13.06			25	9.64	12.40		
Relocated within Community	75	7.29	6.51			80	6.41	8.55		
<b>Morale</b>				.19	1, 42				1.59	1, 44
Relocated to Institution	5	22.20	21.00			3	19.67	21.33		
Relocated within Community	40	25.13	25.43			44	25.98	24.75		
<b>Self-esteem</b>				.10	1, 50				.32	1, 83
Relocated to Institution	6	39.17	39.17			21	41.95	38.43		
Relocated within Community	47	39.87	41.60			65	43.17	41.38		
<b>Control expectancy</b>				.45	1, 46				1.63	1, 51
Relocated to Institution	6	26.83	28.50			3	25.33	33.00		
Relocated within Community	43	26.58	26.35			51	24.35	26.84		
<b>Life satisfaction (Diener)</b>									.72	1, 68
Relocated to Institution						6	9.67	8.00		
Relocated within Community						65	9.92	7.17		
<b>Cognitive functioning</b>				.87	1, 117				.29	1, 116

Variable	Wave 1 – Wave 3					Wave 3 – Wave 6				
	N	M (Wave 1)	M (Wave 3)	F: time x relocation interaction	df	N	M (Wave 3)	M (Wave 6)	F: time x service use interaction	df
Relocated to Institution	39	26.34	25.43			28	27.42	25.76		
Relocated within Community	81	27.62	27.62			91	28.51	28.01		
<b>Social contact with family</b>				8.39**	1, 167				28.67***	1, 196
Relocated to Institution	81	10.35	5.43			93	11.86	3.06		
Relocated within Community	89	13.00	12.99			106	14.18	12.06		
<b>Support from children</b>				9.26**	1, 167				29.10***	1, 196
Relocated to Institution	81	7.37	3.35			93	6.80	2.12		
Relocated within Community	89	7.13	6.75			106	6.57	7.93		
<b>Emotional support</b>				9.97***	1, 167				8.04**	1, 196
Relocated to Institution	81	1.42	.86			93	1.52	.51		
Relocated within Community	89	1.62	1.66			106	1.82	1.31		
<b>Social group membership</b>				.42	1, 167				.25	1, 74
Relocated to Institution	81	.70	.59			18	.56	1.50		
Relocated within Community	89	.85	.51			59	.61	1.56		
<b>Driving frequency</b>				28.20***	1, 58				17.24***	1, 53
Relocated to Institution	10	4.40	1.00			2	5.00	1.00		
Relocated within Community	51	4.65	4.04			54	4.06	3.81		

<sup>a</sup> comparison groups Relocated within the community (Wave 1-3 N=89, Wave 3-6 N=106) versus Relocated from the community to residential care (Wave 1-3 N=81, Wave 3-6 N=93)

# analyses controlled for the significant effect of age differences between groups

## AAP sub-scales, household composition and likelihood of nursing home were not included in analyses as participants in institutions were missing these variables at the second time point

\* p < .05 \*\* p < .01 \*\*\* p < .001

### Appendix L.3: Summary of Repeated Measures Analyses of Variance examining changes in well-being across both transition periods as a function of Relocation within the Community<sup>a</sup>

Variable	Wave 1 – Wave 3					Wave 3 – Wave 6				
	N	M (Wave 1)	M (Wave 3)	F: time x relocation interaction	df	N	M (Wave 3)	M (Wave 6)	F: time x service use interaction	df
<b>Self-rated health</b>				9.90***	1, 1469				.12	1, 590
Relocated (Community)	89	3.15	3.31			91	3.34	3.12		
Not relocated	1382	3.22	3.04			501	3.38	3.20		
<b>Health trajectory</b>				.81	1, 1466				1.09	1, 588
Relocated (Community)	89	1.89	1.81			91	1.77	1.78		
Not relocated	1379	1.88	1.72			499	1.81	1.72		
<b>ADLs</b>				.18	1, 1511				9.93***	1, 643
Relocated (Community)	89	.34	.87			105	.49	1.27		
Not relocated	1424	.25	.84			540	.46	.78		
<b>IADLs</b>				4.02*	1, 1503				.40	1, 635
Relocated (Community)	89	.76	1.06			103	1.03	1.69		
Not relocated	1416	.61	1.26			534	1.09	1.88		
<b>Functional ability</b>				1.00	1, 1512				3.29*	1, 656
Relocated (Community)	89	6.69	5.76			105	6.35	5.92		
Not relocated	1425	6.92	5.83			543	6.33	6.24		
<b>Falls in past year</b>				1.96	1, 1515				.07	1, 649
Relocated (Community)	89	.36	.38			106	.51	.67		
Not relocated	1428	.41	.59			545	.51	.64		
<b>Medical conditions</b>				.04	1, 1520				5.55*	1, 649
Relocated (Community)	89	5.36	1.52			106	1.58	4.77		
Not relocated	1433	5.29	1.51			545	1.36	3.85		
<b>Nursing home for self</b>				.00	1, 1245					
Relocated (Community)	69	2.77	2.80							
Not relocated	1178	2.89	2.91							
<b>Life expectancy for self</b>				2.66	1, 1300					
Relocated (Community)	74	2.82	2.85							
Not relocated	1228	2.91	2.76							

Wave 1 – Wave 3						Wave 3 – Wave 6				
Variable	N	M (Wave 1)	M (Wave 3)	F: time x relocation interaction	df	N	M (Wave 3)	M (Wave 6)	F: time x service use interaction	df
<b>Services used</b>				.63	1, 1520				.36	1, 654
Relocated (Community)	89	.24	.38			106	.28	.60		
Not relocated	1433	.16	.36			550	.29	.66		
<b>General well-being</b>				9.69***	1, 1294				.07	1, 501
Relocated (Community)	74	10.45	10.74			78	11.03	10.18		
Not relocated	1222	10.55	10.19			425	11.04	10.25		
<b>Depression</b>				2.94	1, 1332				.87	1, 520
Relocated (Community)	75	7.29	6.51			80	6.41	8.55		
Not relocated	1259	7.24	7.76			442	6.04	8.93		
<b>Morale</b>				1.31	1, 686				.32	1, 273
Relocated (Community)	40	25.13	25.43			44	25.98	24.75		
Not relocated	648	25.51	25.32			231	26.19	24.70		
<b>Self-esteem</b>				2.45	1, 728				.01	1, 427
Relocated (Community)	47	39.87	41.60			65	43.17	41.38		
Not relocated	683	42.11	42.78			364	43.25	41.51		
<b>Control expectancy</b>				.19	1, 757				.41	1, 272
Relocated (Community)	43	26.58	26.35			51	24.35	26.84		
Not relocated	716	26.09	25.51			223	24.59	26.56		
<b>Life satisfaction (Diener)</b>									3.31*	1, 373
Relocated (Community)						65	9.92	7.17		
Not relocated						310	9.69	7.46		
<b>Cognitive functioning</b>				.51	1, 1393				4.12*	1, 575
Relocated (Community)	81	27.62	27.62			91	28.51	28.01		
Not relocated	1314	27.73	27.50			486	28.32	28.27		
<b>Social contact with family</b>				.26	1, 1520				.02	1, 654
Relocated (Community)	89	13.00	12.99			106	14.18	12.06		
Not relocated	1433	12.49	12.14			550	13.31	11.26		
<b>Support from children</b>				.00	1, 1520				.04	1, 654
Relocated (Community)	89	7.13	6.75			106	6.57	7.93		
Not relocated	1433	6.50	6.14			550	5.86	7.13		
<b>Emotional support</b>				.20	1, 1520				10.20***	1, 654
Relocated (Community)	89	1.62	1.66			106	.43	.77		
Not relocated	1433	1.60	1.60			550	.65	.78		

Variable	Wave 1 – Wave 3					Wave 3 – Wave 6				
	N	M (Wave 1)	M (Wave 3)	F: time x relocation interaction	df	N	M (Wave 3)	M (Wave 6)	F: time x service use interaction	df
<b>Social group membership</b>				.05	1, 1520				.00	1, 357
Relocated (Community)	89	.85	.51			59	.61	1.56		
Not relocated	1433	.91	.60			300	.58	1.53		
<b>Household composition</b>				.37	1, 1348				1.21	1, 564
Relocated (Community)	68	.87	.78			92	.79	.54		
Not relocated	1282	.81	.75			474	.75	.56		
<b>Domestic chores</b>				.73	1, 1316				.88	1, 496
Relocated (Community)	65	55.20	52.69			78	57.82	50.47		
Not relocated	1253	53.26	52.14			420	58.21	52.49		
<b>Household maintenance</b>				.09	1, 1297				1.14	1, 415
Relocated (Community)	61	54.49	52.30			62	60.21	51.37		
Not relocated	1238	53.98	51.18			355	58.74	52.17		
<b>Service to others</b>				1.36	1, 1314				.52	1, 434
Relocated (Community)	65	52.22	54.83			63	59.71	53.57		
Not relocated	1251	52.16	53.20			373	60.93	53.06		
<b>Social activities</b>				3.07	1, 1300				6.32**	1, 399
Relocated (Community)	65	47.89	50.51			61	49.77	59.13		
Not relocated	1237	49.59	47.91			340	50.58	52.49		
<b>Difficulty with home maintenance</b>				9.23***	1, 1098				.74	1, 530
Relocated (Community)	51	.27	.27			90	.12	.31		
Not relocated	1049	.16	.40			442	.13	.37		
<b>Driving frequency</b>				4.16*	1, 831				.07	1, 362
Relocated (Community)	51	4.65	4.04			54	4.06	3.81		
Not relocated	782	4.50	4.20			310	4.19	3.91		

<sup>a</sup> comparison groups Relocated within the community (Wave 1-3 N=89, Wave 3-6 N=106) versus Not Relocated (community only Wave 1-3 N=1433, Wave 3-6 N=550)

\* p < .05 \*\* p < .01 \*\*\* p < .001



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