
15 – Mental Health

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15.1 GENERAL MEASURES OF DEPRESSION AND ANXIETY

15.1.1 KESSLER 10-ITEM SCALE

Appendix 15A : Kessler Scale: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.37	0.26	0.51
Richmond vs Exposed	0.41	0.31	0.55
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.17	0.06	0.49
30-34yrs vs 60-64yrs	0.29	0.13	0.67
35-39yrs vs 60-64yrs	0.56	0.26	1.20
40-44yrs vs 60-64yrs	0.46	0.23	0.93
45-49yrs vs 60-64yrs	0.50	0.25	0.99
50-54yrs vs 60-64yrs	0.74	0.37	1.49
55-59yrs vs 60-64yrs	1.30	0.62	2.70
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.01	0.73	1.41
1985-1989 vs 1975-1979	1.29	0.88	1.88
1990-1994 vs 1975-1979	1.49	0.91	2.44
1995-1999 vs 1975-1979	1.59	0.81	3.12
RANK CATEGORY			
Civilian vs Enlisted	2.03	0.87	4.74
Non Comm Officer vs Enlisted	0.73	0.53	1.00
Officer vs Enlisted	0.22	0.09	0.56
Unknown vs Enlisted	0.90	0.31	2.57

Appendix 15A continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.29	0.64	2.61
Hazardous Drinker vs Safe Drinker	1.46	1.12	1.92
Moderate vs Safe Drinker	0.83	0.60	1.14
SMOKER CATEGORY			
Current smoker vs Never smoked	1.59	1.15	2.20
Ex smoker vs Never smoked	1.14	0.87	1.50
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	1.99	1.39	2.84
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.49	1.12	1.99
Completed High School vs Trade/Apprenticeship	1.72	1.11	2.66
Primary School or High School vs Trade/Apprenticeship	1.46	0.91	2.34
University Degree vs Trade/Apprenticeship	1.29	0.85	1.97
OS EXPOSURE			
OS Exposure vs No OS exposure	0.98	0.76	1.27
H.S.A. CENTRE			
Adelaide vs Brisbane	0.54	0.32	0.91
Canberra vs Brisbane	0.77	0.40	1.50
Ipswich vs Brisbane	0.67	0.47	0.94
Melbourne vs Brisbane	0.81	0.49	1.34
Newcastle vs Brisbane	0.81	0.47	1.38
Parramatta vs Brisbane	0.74	0.54	1.02
Perth vs Brisbane	1.18	0.66	2.11

Appendix 15B : Kessler Scale: Most parsimonious model obtained by logistic regression for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.38	0.28	0.53
Richmond vs Exposed	0.41	0.31	0.54
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.28	0.12	0.69
30-34yrs vs 60-64yrs	0.41	0.20	0.86
35-39yrs vs 60-64yrs	0.68	0.34	1.36
40-44yrs vs 60-64yrs	0.50	0.25	0.99
45-49yrs vs 60-64yrs	0.52	0.27	1.02
50-54yrs vs 60-64yrs	0.77	0.39	1.53
55-59yrs vs 60-64yrs	1.24	0.60	2.57
RANK CATEGORY			
Civilian vs Enlisted	2.39	1.08	5.30
Non Comm Officer vs Enlisted	0.82	0.62	1.09
Officer vs Enlisted	0.25	0.10	0.62
Unknown vs Enlisted	0.99	0.35	2.80
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.30	0.65	2.62
Hazardous Drinker vs Safe Drinker	1.45	1.11	1.89
Moderate vs Safe Drinker	0.81	0.59	1.12
GROUP			
Current smoker vs Never smoked	1.55	1.12	2.13
Ex smoker vs Never smoked	1.15	0.88	1.51
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	1.98	1.39	2.83

Appendix 15B continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.47	1.11	1.95
Completed High School vs Trade/Apprenticeship	1.71	1.11	2.61
Primary School or High School vs Trade/Apprenticeship	1.40	0.88	2.22
University Degree vs Trade/Apprenticeship	1.28	0.85	1.93

Appendix 15C : Kessler Scale: Multiple logistic regression with confidence intervals computed using robust standard error estimates derived after clustering for HSA centre

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley	0.37	0.31	0.44
Richmond	0.41	0.35	0.49
Exposed (reference)	1.00	1.00	1.00
AGE CATEGORY			
25-29yrs	0.17	0.09	0.32
30-34yrs	0.29	0.19	0.43
35-39yrs	0.56	0.29	1.07
40-44yrs	0.46	0.31	0.69
45-49yrs	0.50	0.31	0.80
50-54yrs	0.74	0.46	1.20
55-59yrs	1.30	0.67	2.51
60-64yrs (reference)	1.00	1.00	1.00
POSTING CATEGORY			
1980-1984	1.01	0.88	1.16
1985-1989	1.29	1.10	1.50
1990-1994	1.49	1.14	1.95
1995-1999	1.59	1.20	2.11
1975-1979 (reference)	1.00	1.00	1.00
RANK CATEGORY			
Civilian	2.02	1.74	2.35
Non Comm Officer	0.73	0.67	0.79
Officer	0.22	0.10	0.50
Unknown	0.90	0.52	1.56
Enlisted (reference)	1.00	1.00	1.00
DRINKER CATEGORY			
Former Hazardous	1.29	0.81	2.06
Hazardous Drinker	1.46	1.08	1.99
Moderate	0.82	0.55	1.24
Safe Drinker (reference)	1.00	1.00	1.00

Appendix 15C continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
SMOKER CATEGORY			
Current smoker	1.59	1.25	2.02
Ex smoker	1.14	0.91	1.43
Never smoked (reference)	1.00	1.00	1.00
HISTORY OF DEPRESSION			
Family History of Depression	1.99	1.37	2.89
No Family History of Depression (reference)	1.00	1.00	1.00
EDUCATION			
Certificate/Diploma	1.49	1.05	2.12
Completed High School	1.72	0.92	3.20
Primary School or High School	1.46	1.11	1.93
University Degree	1.29	0.98	1.71
Trade/Apprenticeship (reference)	1.00	1.00	1.00
OS EXPOSURE			
OS Exposure	0.98	0.77	1.25
No OS exposure (reference)	1.00	1.00	1.00
H.S.A. CENTRE			
Adelaide	0.54	0.50	0.58
Canberra	0.77	0.71	0.83
Ipswich	0.66	0.63	0.69
Melbourne	0.81	0.75	0.88
Newcastle	0.80	0.71	0.90
Parramatta	0.73	0.69	0.78
Perth	1.18	1.11	1.26
Brisbane (reference)	1.00	1.00	1.00

Appendix 15D : Kessler Scale: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.32	0.21	0.49
Richmond vs Exposed	0.37	0.25	0.53
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.17	0.04	0.66
30-34yrs vs 60-64yrs	0.16	0.06	0.45
35-39yrs vs 60-64yrs	0.35	0.15	0.83
40-44yrs vs 60-64yrs	0.32	0.15	0.72
45-49yrs vs 60-64yrs	0.38	0.18	0.82
50-54yrs vs 60-64yrs	0.58	0.27	1.26
55-59yrs vs 60-64yrs	1.13	0.51	2.54
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.01	0.71	1.45
1985-1989 vs 1975-1979	1.93	1.23	3.03
1990-1994 vs 1975-1979	1.70	0.90	3.19
1995-1999 vs 1975-1979	1.84	0.77	4.41
RANK CATEGORY			
Civilian vs Enlisted	1.38	0.12	15.56
Non Comm Officer vs Enlisted	0.64	0.45	0.92
Officer vs Enlisted	0.20	0.07	0.56
Unknown vs Enlisted	2.05	0.51	8.20
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.20	0.54	2.69
Hazardous Drinker vs Safe Drinker	1.38	1.01	1.88
Moderate vs Safe Drinker	0.87	0.60	1.27
SMOKER CATEGORY			
Current smoker vs Never smoked	1.80	1.24	2.62
Ex smoker vs Never smoked	1.12	0.82	1.53

Appendix 15D continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	2.12	1.41	3.17
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.59	1.13	2.22
Completed High School vs Trade/Apprenticeship	1.75	1.06	2.87
Primary School or High School vs Trade/Apprenticeship	1.42	0.84	2.39
University Degree vs Trade/Apprenticeship	1.48	0.91	2.42
OS EXPOSURE			
OS Exposure vs No OS exposure	0.90	0.67	1.22
H.S.A. CENTRE			
Adelaide vs Brisbane	0.50	0.28	0.89
Canberra vs Brisbane	0.88	0.42	1.82
Ipswich vs Brisbane	0.70	0.45	1.09
Melbourne vs Brisbane	0.76	0.44	1.34
Newcastle vs Brisbane	0.69	0.37	1.27
Parramatta vs Brisbane	0.78	0.54	1.12
Perth vs Brisbane	1.25	0.68	2.32

Appendix 15E : Kessler Scale: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.37	0.24	0.58
Richmond vs Exposed	0.43	0.29	0.65
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.21	0.05	0.77
30-34yrs vs 60-64yrs	0.38	0.14	1.07
35-39yrs vs 60-64yrs	0.74	0.28	1.93
40-44yrs vs 60-64yrs	0.60	0.24	1.49
45-49yrs vs 60-64yrs	0.66	0.27	1.61
50-54yrs vs 60-64yrs	1.24	0.50	3.06
55-59yrs vs 60-64yrs	2.21	0.86	5.70
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.16	0.77	1.74
1985-1989 vs 1975-1979	1.53	0.98	2.38
1990-1994 vs 1975-1979	1.73	0.98	3.05
1995-1999 vs 1975-1979	1.47	0.62	3.47
RANK CATEGORY			
Civilian vs Enlisted	2.08	0.76	5.65
Non Comm Officer vs Enlisted	0.68	0.47	0.98
Officer vs Enlisted	0.24	0.08	0.70
Unknown vs Enlisted	0.35	0.06	2.13
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.07	0.44	2.60
Hazardous Drinker vs Safe Drinker	1.43	1.04	1.95
Moderate vs Safe Drinker	0.78	0.53	1.14
SMOKER CATEGORY			
Current smoker vs Never smoked	1.90	1.31	2.76
Ex smoker vs Never smoked	1.19	0.86	1.64

Appendix 15E continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	2.23	1.49	3.34
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.63	1.16	2.31
Completed High School vs Trade/Apprenticeship	1.71	1.05	2.78
Primary School or High School vs Trade/Apprenticeship	1.57	0.90	2.75
University Degree vs Trade/Apprenticeship	1.48	0.90	2.42
OS EXPOSURE			
OS Exposure vs No OS exposure	0.92	0.67	1.27
H.S.A. CENTRE			
Adelaide vs Brisbane	0.59	0.33	1.08
Canberra vs Brisbane	0.73	0.35	1.54
Ipswich vs Brisbane	0.74	0.48	1.16
Melbourne vs Brisbane	1.07	0.62	1.84
Newcastle vs Brisbane	0.79	0.42	1.47
Parramatta vs Brisbane	0.80	0.55	1.16
Perth vs Brisbane	1.60	0.83	3.09

Appendix 15F : Kessler Scale: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	1.65	1.12	2.44
Moderate exposure vs Unexposed	2.91	2.00	4.23
Prolonged exposure vs Unexposed	2.84	1.96	4.12
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.16	0.05	0.49
30-34yrs vs 60-64yrs	0.29	0.12	0.70
35-39yrs vs 60-64yrs	0.50	0.23	1.09
40-44yrs vs 60-64yrs	0.44	0.21	0.91
45-49yrs vs 60-64yrs	0.50	0.25	1.01
50-54yrs vs 60-64yrs	0.70	0.34	1.44
55-59yrs vs 60-64yrs	1.24	0.58	2.62
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.00	0.71	1.41
1985-1989 vs 1975-1979	1.34	0.91	1.97
1990-1994 vs 1975-1979	1.54	0.93	2.58
1995-1999 vs 1975-1979	1.59	0.78	3.22
RANK CATEGORY			
Civilian vs Enlisted	2.27	0.85	6.08
Non Comm Officer vs Enlisted	0.71	0.51	0.98
Officer vs Enlisted	0.25	0.10	0.62
Unknown vs Enlisted	1.12	0.36	3.50
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.12	0.53	2.36
Hazardous Drinker vs Safe Drinker	1.44	1.09	1.90
Moderate vs Safe Drinker	0.85	0.61	1.19

Appendix 15F continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
SMOKER CATEGORY			
Current smoker vs Never smoked	1.62	1.16	2.26
Ex smoker vs Never smoked	1.11	0.84	1.47
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	2.04	1.42	2.94
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.39	1.03	1.86
Completed High School vs Trade/Apprenticeship	1.62	1.07	2.46
Primary School or High School vs Trade/Apprenticeship	1.37	0.87	2.16
University Degree vs Trade/Apprenticeship	1.25	0.81	1.93
OS EXPOSURE			
OS Exposure vs No OS exposure	1.00	0.77	1.31
H.S.A. CENTRE			
Adelaide vs Brisbane	0.57	0.34	0.97
Canberra vs Brisbane	0.76	0.38	1.50
Ipswich vs Brisbane	0.69	0.48	0.99
Melbourne vs Brisbane	0.84	0.51	1.40
Newcastle vs Brisbane	0.83	0.48	1.43
Parramatta vs Brisbane	0.79	0.57	1.10
Perth vs Brisbane	1.31	0.73	2.37

15.1.2 GENERAL HEALTH QUESTIONNAIRE 12-ITEM SCALE

Appendix 15G : GHQ: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE GROUP			
Amberley vs Exposed	0.36	0.26	0.50
Richmond vs Exposed	0.48	0.36	0.63
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.37	0.14	1.01
30-34yrs vs 60-64yrs	0.50	0.22	1.13
35-39yrs vs 60-64yrs	0.89	0.42	1.90
40-44yrs vs 60-64yrs	0.86	0.43	1.73
45-49yrs vs 60-64yrs	0.81	0.41	1.60
50-54yrs vs 60-64yrs	0.83	0.41	1.66
55-59yrs vs 60-64yrs	2.09	0.98	4.48
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.84	0.61	1.15
1985-1989 vs 1975-1979	1.16	0.80	1.67
1990-1994 vs 1975-1979	1.19	0.74	1.92
1995-1999 vs 1975-1979	1.07	0.57	2.04
RANK CATEGORY			
Civilian vs Enlisted	1.07	0.45	2.56
Non Comm Officer vs Enlisted	0.99	0.74	1.33
Officer vs Enlisted	0.38	0.18	0.81
Unknown vs Enlisted	0.80	0.26	2.46
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.70	0.81	3.58
Hazardous Drinker vs Safe Drinker	1.18	0.91	1.53
Moderate vs Safe Drinker	1.21	0.90	1.63

Appendix 15G continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
SMOKER CATEGORY			
Current smoker vs Never smoked	1.78	1.29	2.44
Ex smoker vs Never smoked	1.11	0.86	1.44
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	1.37	0.97	1.95
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.08	0.83	1.42
Completed High School vs Trade/Apprenticeship	2.00	1.30	3.06
Primary School or High School vs Trade/Apprenticeship	1.46	0.92	2.31
University Degree vs Trade/Apprenticeship	1.05	0.71	1.55
OS EXPOSURE			
OS Exposure vs No OS exposure	0.97	0.75	1.24
H.S.A. CENTRE			
Adelaide vs Brisbane	0.66	0.41	1.05
Canberra vs Brisbane	0.57	0.31	1.08
Ipswich vs Brisbane	0.64	0.45	0.89
Melbourne vs Brisbane	1.01	0.63	1.63
Newcastle vs Brisbane	0.93	0.56	1.55
Parramatta vs Brisbane	0.77	0.57	1.05
Perth vs Brisbane	1.16	0.65	2.07

**Appendix 15H : GHQ: Most parsimonious model obtained by logistic regression
for all exposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.36	0.26	0.49
Richmond vs Exposed	0.48	0.37	0.63
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.47	0.20	1.07
30-34yrs vs 60-64yrs	0.67	0.33	1.34
35-39yrs vs 60-64yrs	1.03	0.53	2.01
40-44yrs vs 60-64yrs	0.93	0.49	1.78
45-49yrs vs 60-64yrs	0.89	0.46	1.70
50-54yrs vs 60-64yrs	0.87	0.44	1.73
55-59yrs vs 60-64yrs	1.99	0.95	4.19
SMOKER CATEGORY			
Current smoker vs Never smoked	1.89	1.38	2.57
Ex smoker vs Never smoked	1.17	0.91	1.50
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	1.39	0.98	1.96
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.05	0.80	1.37
Completed High School vs Trade/Apprenticeship	2.03	1.33	3.08
Primary School or High School vs Trade/Apprenticeship	1.49	0.95	2.34
University Degree vs Trade/Apprenticeship	0.91	0.63	1.33

Appendix 15H continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
H.S.A. CENTRE			
Adelaide vs Brisbane	0.66	0.41	1.06
Canberra vs Brisbane	0.56	0.30	1.04
Ipswich vs Brisbane	0.65	0.47	0.91
Melbourne vs Brisbane	0.97	0.61	1.55
Newcastle vs Brisbane	0.92	0.56	1.52
Parramatta vs Brisbane	0.75	0.56	1.02
Perth vs Brisbane	1.14	0.64	2.03

**Appendix 15I : GHQ: Multiple logistic regression with confidence intervals
computed using robust standard error estimates derived after clustering for HSA
centre**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley	0.36	0.29	0.44
Richmond	0.48	0.35	0.64
Exposed (reference)	1.00	1.00	1.00
AGE CATEGORY			
25-29yrs	0.37	0.21	0.65
30-34yrs	0.50	0.36	0.69
35-39yrs	0.89	0.56	1.44
40-44yrs	0.86	0.57	1.31
45-49yrs	0.81	0.54	1.23
50-54yrs	0.83	0.60	1.15
55-59yrs	2.09	1.29	3.38
60-64yrs (reference)	1.00	1.00	1.00
POSTING CATEGORY			
1980-1984	0.84	0.74	0.95
1985-1989	1.16	0.84	1.60
1990-1994	1.19	0.82	1.74
1995-1999	1.07	0.80	1.44
1975-1979 (reference)	1.00	1.00	1.00
RANK CATEGORY			
Civilian	1.07	0.79	1.45
Non Comm Officer	0.99	0.88	1.11
Officer	0.38	0.16	0.87
Unknown	0.80	0.56	1.14
Enlisted (reference)	1.00	1.00	1.00
DRINKER CATEGORY			
Former Hazardous	1.70	1.06	2.75
Hazardous Drinker	1.18	0.95	1.47
Moderate	1.21	0.80	1.83
Safe Drinker (reference)	1.00	1.00	1.00

Appendix 15I continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
SMOKER CATEGORY			
Current smoker	1.78	1.54	2.05
Ex smoker	1.11	0.90	1.38
Never smoked (reference)	1.00	1.00	1.00
HISTORY OF DEPRESSION			
Family History of depression	1.37	1.00	1.89
No Family History of depression (reference)	1.00	1.00	1.00
EDUCATION			
Certificate/Diploma	1.08	0.86	1.36
Completed High School	2.00	1.34	2.98
Primary School or High School	1.46	0.98	2.18
University Degree	1.05	0.84	1.31
Trade/Apprenticeship (reference)	1.00	1.00	1.00
OS EXPOSURE			
OS Exposure	0.97	0.74	1.26
No OS exposure (reference)	1.00	1.00	1.00
H.S.A. CENTRE			
Adelaide	0.66	0.61	0.71
Canberra	0.57	0.54	0.61
Ipswich	0.63	0.61	0.65
Melbourne	1.01	0.90	1.14
Newcastle	0.93	0.81	1.08
Parramatta	0.77	0.72	0.82
Perth	1.16	1.00	1.34
Brisbane (reference)	1.00	1.00	1.00

Appendix 15J : GHQ: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.38	0.25	0.57
Richmond vs Exposed	0.47	0.33	0.68
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.15	0.04	0.57
30-34yrs vs 60-64yrs	0.32	0.12	0.84
35-39yrs vs 60-64yrs	0.63	0.27	1.49
40-44yrs vs 60-64yrs	0.66	0.30	1.45
45-49yrs vs 60-64yrs	0.66	0.31	1.40
50-54yrs vs 60-64yrs	0.72	0.33	1.56
55-59yrs vs 60-64yrs	1.91	0.83	4.41
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.91	0.65	1.28
1985-1989 vs 1975-1979	1.43	0.93	2.19
1990-1994 vs 1975-1979	1.17	0.65	2.10
1995-1999 vs 1975-1979	1.18	0.53	2.65
RANK CATEGORY			
Civilian vs Enlisted	1.05	0.10	11.52
Non Comm Officer vs Enlisted	0.86	0.62	1.20
Officer vs Enlisted	0.28	0.12	0.68
Unknown vs Enlisted	0.98	0.25	3.88
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.23	0.55	2.72
Hazardous Drinker vs Safe Drinker	1.19	0.89	1.59
Moderate vs Safe Drinker	1.22	0.87	1.72
SMOKER CATEGORY			
Current smoker vs Never smoked	1.63	1.14	2.34
Ex smoker vs Never smoked	1.02	0.76	1.35

Appendix 15J continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	1.56	1.05	2.32
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.01	0.74	1.39
Completed High School vs Trade/Apprenticeship	1.78	1.11	2.83
Primary School or High School vs Trade/Apprenticeship	1.46	0.89	2.39
University Degree vs Trade/Apprenticeship	1.01	0.65	1.58
OS EXPOSURE			
OS Exposure vs No OS exposure	0.97	0.73	1.28
H.S.A. CENTRE			
Adelaide vs Brisbane	0.64	0.39	1.06
Canberra vs Brisbane	0.62	0.31	1.25
Ipswich vs Brisbane	0.70	0.46	1.07
Melbourne vs Brisbane	1.06	0.64	1.75
Newcastle vs Brisbane	0.90	0.52	1.58
Parramatta vs Brisbane	0.89	0.63	1.24
Perth vs Brisbane	1.20	0.66	2.19

Appendix 15K : GHQ: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.32	0.21	0.50
Richmond vs Exposed	0.44	0.30	0.65
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.43	0.13	1.42
30-34yrs vs 60-64yrs	0.79	0.30	2.06
35-39yrs vs 60-64yrs	1.25	0.51	3.08
40-44yrs vs 60-64yrs	1.31	0.57	3.05
45-49yrs vs 60-64yrs	1.20	0.53	2.71
50-54yrs vs 60-64yrs	1.10	0.47	2.56
55-59yrs vs 60-64yrs	4.07	1.62	10.22
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.91	0.63	1.32
1985-1989 vs 1975-1979	1.16	0.77	1.76
1990-1994 vs 1975-1979	1.24	0.72	2.13
1995-1999 vs 1975-1979	0.91	0.42	2.00
RANK CATEGORY			
Civilian vs Enlisted	0.88	0.31	2.46
Non Comm Officer vs Enlisted	0.88	0.63	1.24
Officer vs Enlisted	0.44	0.18	1.08
Unknown vs Enlisted	0.29	0.05	1.76
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.57	0.67	3.72
Hazardous Drinker vs Safe Drinker	1.25	0.93	1.68
Moderate vs Safe Drinker	1.27	0.90	1.80
SMOKER CATEGORY			
Current smoker vs Never smoked	1.98	1.38	2.85
Ex smoker vs Never smoked	1.12	0.84	1.50

Appendix 15K continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	1.37	0.93	2.04
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.05	0.76	1.45
Completed High School vs Trade/Apprenticeship	2.04	1.29	3.25
Primary School or High School vs Trade/Apprenticeship	1.69	1.00	2.87
University Degree vs Trade/Apprenticeship	1.12	0.72	1.75
OS EXPOSURE			
OS Exposure vs No OS exposure	1.09	0.81	1.47
H.S.A. CENTRE			
Adelaide vs Brisbane	0.82	0.48	1.38
Canberra vs Brisbane	0.56	0.28	1.11
Ipswich vs Brisbane	0.66	0.43	1.00
Melbourne vs Brisbane	1.16	0.70	1.92
Newcastle vs Brisbane	0.94	0.53	1.65
Parramatta vs Brisbane	0.81	0.57	1.14
Perth vs Brisbane	1.26	0.66	2.41

Appendix 15L : GHQ: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	1.64	1.12	2.38
Moderate exposure vs Unexposed	2.45	1.67	3.58
Prolonged exposure vs Unexposed	2.93	2.00	4.31
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.36	0.13	1.02
30-34yrs vs 60-64yrs	0.50	0.22	1.17
35-39yrs vs 60-64yrs	0.88	0.40	1.90
40-44yrs vs 60-64yrs	0.89	0.44	1.83
45-49yrs vs 60-64yrs	0.88	0.44	1.75
50-54yrs vs 60-64yrs	0.86	0.42	1.76
55-59yrs vs 60-64yrs	2.18	1.01	4.74
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.85	0.61	1.17
1985-1989 vs 1975-1979	1.17	0.81	1.70
1990-1994 vs 1975-1979	1.20	0.73	1.97
1995-1999 vs 1975-1979	1.01	0.52	1.97
RANK CATEGORY			
Civilian vs Enlisted	0.92	0.35	2.40
Non Comm Officer vs Enlisted	0.95	0.70	1.28
Officer vs Enlisted	0.36	0.16	0.78
Unknown vs Enlisted	0.76	0.23	2.43
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.50	0.70	3.21
Hazardous Drinker vs Safe Drinker	1.19	0.91	1.55
Moderate vs Safe Drinker	1.30	0.96	1.77

Appendix 15L continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
SMOKER CATEGORY			
Current smoker vs Never smoked	1.70	1.23	2.35
Ex smoker vs Never smoked	1.10	0.85	1.43
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	1.43	1.00	2.04
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.00	0.76	1.32
Completed High School vs Trade/Apprenticeship	1.67	1.12	2.50
Primary School or High School vs Trade/Apprenticeship	1.28	0.83	1.99
University Degree vs Trade/Apprenticeship	1.00	0.67	1.49
OS EXPOSURE			
OS Exposure vs No OS exposure	1.00	0.77	1.30
H.S.A. CENTRE			
Adelaide vs Brisbane	0.70	0.44	1.13
Canberra vs Brisbane	0.57	0.30	1.09
Ipswich vs Brisbane	0.65	0.45	0.92
Melbourne vs Brisbane	1.06	0.66	1.71
Newcastle vs Brisbane	0.96	0.57	1.60
Parramatta vs Brisbane	0.84	0.62	1.15
Perth vs Brisbane	1.20	0.67	2.16

15.2 POSTAL QUESTIONNAIRE ITEMS

15.2.1 SELF-REPORTED DEPRESSION ITEMS FROM POSTAL QUESTIONNAIRE

Appendix 15M : Self-reported physician diagnosed Depression: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.49	0.34	0.70
Richmond vs Exposed	0.45	0.33	0.62
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.07	0.02	0.24
30-34yrs vs 60-64yrs	0.13	0.06	0.31
35-39yrs vs 60-64yrs	0.20	0.10	0.43
40-44yrs vs 60-64yrs	0.26	0.13	0.52
45-49yrs vs 60-64yrs	0.33	0.17	0.62
50-54yrs vs 60-64yrs	0.44	0.23	0.85
55-59yrs vs 60-64yrs	0.64	0.32	1.27
POSTING CATEGORY			
1980-1984 vs 9975-1979	1.31	0.92	1.85
1985-1989 vs 9975-1979	1.15	0.77	1.72
1990-1994 vs 9975-1979	1.52	0.90	2.58
1995-1999 vs 9975-1979	1.06	0.48	2.34
RANK CATEGORY			
Civilian vs Enlisted	0.51	0.20	1.27
Non Comm Officer vs Enlisted	0.78	0.55	1.09
Officer vs Enlisted	0.41	0.16	1.09
Unknown vs Enlisted	1.90	0.69	5.24

Appendix 15M continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	2.49	1.74	3.57
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	0.88	0.64	1.20
Completed High School vs Trade/Apprenticeship	1.16	0.73	1.84
Primary School or High School vs Trade/Apprenticeship	1.06	0.65	1.72
University Degree vs Trade/Apprenticeship	0.93	0.58	1.51
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	2.65	1.32	5.30
Hazardous Drinker vs Safe Drinker	1.27	0.95	1.70
Moderate vs Safe Drinker	0.81	0.56	1.16
SMOKER CATEGORY			
Current smoker vs Never smoked	1.79	1.27	2.53
Ex smoker vs Never smoked	1.19	0.88	1.61
OS EXPOSURE			
OS Exposure vs No OS exposure	1.01	0.76	1.34

Appendix 15N : Self-reported physician diagnosed Depression: Most parsimonious model obtained by logistic regression for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.51	0.38	0.70
Richmond vs Exposed	0.45	0.33	0.61
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.08	0.03	0.24
30-34yrs vs 60-64yrs	0.17	0.08	0.34
35-39yrs vs 60-64yrs	0.26	0.14	0.49
40-44yrs vs 60-64yrs	0.32	0.18	0.58
45-49yrs vs 60-64yrs	0.36	0.20	0.65
50-54yrs vs 60-64yrs	0.46	0.25	0.86
55-59yrs vs 60-64yrs	0.60	0.31	1.17
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	2.46	1.72	3.51
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	2.76	1.40	5.45
Hazardous Drinker vs Safe Drinker	1.29	0.97	1.72
Moderate vs Safe Drinker	0.79	0.55	1.13
SMOKER CATEGORY			
Current smoker vs Never smoked	1.83	1.30	2.56
Ex smoker vs Never smoked	1.18	0.87	1.59

Appendix 150 : Self-reported physician diagnosed Depression: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.46	0.30	0.70
Richmond vs Exposed	0.42	0.29	0.61
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.10	0.02	0.49
30-34yrs vs 60-64yrs	0.10	0.04	0.31
35-39yrs vs 60-64yrs	0.21	0.09	0.49
40-44yrs vs 60-64yrs	0.26	0.12	0.54
45-49yrs vs 60-64yrs	0.32	0.16	0.63
50-54yrs vs 60-64yrs	0.42	0.21	0.84
55-59yrs vs 60-64yrs	0.54	0.26	1.13
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.29	0.89	1.87
1985-1989 vs 1975-1979	1.24	0.77	2.01
1990-1994 vs 1975-1979	1.22	0.60	2.46
1995-1999 vs 1975-1979	1.15	0.42	3.17
RANK CATEGORY			
Non Comm Officer vs Enlisted	0.87	0.59	1.27
Officer vs Enlisted	0.59	0.22	1.62
Unknown vs Enlisted	2.04	0.72	5.75
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	2.33	1.55	3.49
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	0.97	0.68	1.38
Completed High School vs Trade/Apprenticeship	1.06	0.63	1.78
Primary School or High School vs Trade/Apprenticeship	1.08	0.64	1.82
University Degree vs Trade/Apprenticeship	0.78	0.45	1.36

Appendix 15O continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	3.37	1.54	7.38
Hazardous Drinker vs Safe Drinker	1.33	0.96	1.85
Moderate vs Safe Drinker	0.83	0.55	1.26
SMOKER CATEGORY			
Current smoker vs Never smoked	1.76	1.19	2.61
Ex smoker vs Never smoked	1.18	0.84	1.66
OS EXPOSURE			
OS Exposure vs No OS exposure	0.90	0.65	1.25

Appendix 15P : Self-reported physician diagnosed Depression: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.49	0.31	0.78
Richmond vs Exposed	0.49	0.32	0.74
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.10	0.02	0.47
30-34yrs vs 60-64yrs	0.24	0.09	0.65
35-39yrs vs 60-64yrs	0.37	0.15	0.90
40-44yrs vs 60-64yrs	0.39	0.17	0.89
45-49yrs vs 60-64yrs	0.50	0.23	1.10
50-54yrs vs 60-64yrs	0.60	0.26	1.36
55-59yrs vs 60-64yrs	0.91	0.39	2.16
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.46	0.95	2.23
1985-1989 vs 1975-1979	1.15	0.72	1.85
1990-1994 vs 1975-1979	1.43	0.78	2.64
1995-1999 vs 1975-1979	1.34	0.51	3.47
RANK CATEGORY			
Civilian vs Enlisted	0.57	0.20	1.61
Non Comm Officer vs Enlisted	0.83	0.56	1.24
Officer vs Enlisted	0.60	0.21	1.77
Unknown vs Enlisted	0.79	0.12	5.05
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	2.75	1.84	4.10
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	0.91	0.62	1.33
Completed High School vs Trade/Apprenticeship	1.30	0.78	2.17
Primary School or High School vs Trade/Apprenticeship	1.27	0.71	2.25
University Degree vs Trade/Apprenticeship	0.88	0.49	1.57

Appendix 15P continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.78	0.74	4.26
Hazardous Drinker vs Safe Drinker	1.07	0.76	1.51
Moderate vs safe Drinker	0.80	0.52	1.23
SMOKER CATEGORY			
Current smoker vs Never smoked	2.19	1.47	3.27
Ex smoker vs Never smoked	1.39	0.97	1.99
OS EXPOSURE			
OS Exposure vs No OS exposure	1.09	0.77	1.54

Appendix 15Q : Self-reported physician diagnosed Depression: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	1.80	1.18	2.74
Moderate exposure vs Unexposed	1.83	1.22	2.74
Prolonged exposure vs Unexposed	2.75	1.89	4.00
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.06	0.01	0.25
30-34yrs vs 60-64yrs	0.18	0.07	0.43
35-39yrs vs 60-64yrs	0.21	0.10	0.46
40-44yrs vs 60-64yrs	0.30	0.15	0.59
45-49yrs vs 60-64yrs	0.36	0.19	0.70
50-54yrs vs 60-64yrs	0.48	0.24	0.94
55-59yrs vs 60-64yrs	0.69	0.34	1.41
POSTING CATEGORY			
1980-1984 vs 9975-1979	1.29	0.91	1.84
1985-1989 vs 9975-1979	1.11	0.74	1.68
1990-1994 vs 9975-1979	1.31	0.75	2.28
1995-1999 vs 9975-1979	0.91	0.38	2.18
RANK CATEGORY			
Civilian vs Enlisted	0.67	0.25	1.80
Non Comm Officer vs Enlisted	0.79	0.56	1.12
Officer vs Enlisted	0.45	0.17	1.21
Unknown vs Enlisted	2.25	0.77	6.57
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	2.53	1.75	3.65

Appendix 15Q continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	0.88	0.64	1.22
Completed High School vs Trade/Apprenticeship	1.19	0.77	1.85
Primary School or High School vs Trade/Apprenticeship	1.14	0.72	1.82
University Degree vs Trade/Apprenticeship	0.85	0.52	1.41
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	2.44	1.17	5.07
Hazardous Drinker vs Safe Drinker	1.27	0.94	1.71
Moderate vs Safe Drinker	0.82	0.56	1.19
SMOKER CATEGORY			
Current smoker vs Never smoked	1.92	1.35	2.72
Ex smoker vs Never smoked	1.18	0.87	1.61
OS EXPOSURE			
OS Exposure vs No OS exposure	1.00	0.75	1.34

15.2.2 SELF-REPORTED ANXIETY ITEMS

Appendix 15R : Self-reported physician diagnosed Anxiety: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.55	0.37	0.83
Richmond vs Exposed	0.49	0.35	0.70
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.06	0.01	0.33
30-34yrs vs 60-64yrs	0.24	0.09	0.60
35-39yrs vs 60-64yrs	0.25	0.11	0.58
40-44yrs vs 60-64yrs	0.33	0.16	0.67
45-49yrs vs 60-64yrs	0.31	0.16	0.63
50-54yrs vs 60-64yrs	0.56	0.28	1.12
55-59yrs vs 60-64yrs	1.00	0.49	2.07
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.02	0.69	1.50
1985-1989 vs 1975-1979	0.80	0.50	1.27
1990-1994 vs 1975-1979	0.85	0.46	1.59
1995-1999 vs 1975-1979	0.97	0.40	2.34
RANK CATEGORY			
Civilian vs Enlisted	0.88	0.33	2.32
Non Comm Officer vs Enlisted	0.80	0.55	1.18
Officer vs Enlisted	0.22	0.06	0.79
Unknown vs Enlisted	1.35	0.49	3.76
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	1.35	0.87	2.10

Appendix 15R continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.08	0.76	1.53
Completed High School vs Trade/Apprenticeship	1.00	0.59	1.71
Primary School or High School vs Trade/Apprenticeship	0.94	0.54	1.64
University Degree vs Trade/Apprenticeship	1.47	0.88	2.46
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.86	0.87	3.99
Hazardous Drinker vs Safe Drinker	1.22	0.88	1.70
Moderate vs Safe Drinker	0.89	0.60	1.33
SMOKER CATEGORY			
Current smoker vs Never smoked	1.56	1.05	2.31
Ex smoker vs Never smoked	1.31	0.93	1.84
AGE CATEGORY			
OS Exposure vs No OS exposure	1.21	0.89	1.65

Appendix 15S : Self-reported physician diagnosed Anxiety: Most parsimonious model obtained by logistic regression for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.51	0.36	0.73
Richmond vs Exposed	0.48	0.34	0.67
DRINKER CATEGORY			
25-29yrs vs 60-64yrs	0.07	0.02	0.33
30-34yrs vs 60-64yrs	0.26	0.12	0.55
35-39yrs vs 60-64yrs	0.29	0.15	0.57
40-44yrs vs 60-64yrs	0.40	0.21	0.75
45-49yrs vs 60-64yrs	0.37	0.20	0.70
50-54yrs vs 60-64yrs	0.59	0.31	1.15
55-59yrs vs 60-64yrs	0.97	0.49	1.94
DRINKER CATEGORY			
Current smoker vs Never smoked	1.62	1.11	2.37
Ex smoker vs Never smoked	1.34	0.96	1.86

Appendix 15T : Self-reported physician diagnosed Anxiety: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.48	0.30	0.77
Richmond vs Exposed	0.42	0.28	0.63
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.12	0.02	0.73
30-34yrs vs 60-64yrs	0.17	0.05	0.55
35-39yrs vs 60-64yrs	0.27	0.11	0.69
40-44yrs vs 60-64yrs	0.35	0.16	0.77
45-49yrs vs 60-64yrs	0.31	0.15	0.66
50-54yrs vs 60-64yrs	0.55	0.26	1.16
55-59yrs vs 60-64yrs	1.01	0.47	2.18
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.95	0.63	1.43
1985-1989 vs 1975-1979	0.97	0.56	1.68
1990-1994 vs 1975-1979	0.86	0.38	1.97
1995-1999 vs 1975-1979	1.57	0.56	4.41
RANK CATEGORY			
Non Comm Officer vs Enlisted	0.90	0.59	1.37
Officer vs Enlisted	0.17	0.04	0.80
Unknown vs Enlisted	1.28	0.46	3.60
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	1.24	0.75	2.03
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.06	0.71	1.57
Completed High School vs Trade/Apprenticeship	0.91	0.50	1.65
Primary School or High School vs Trade/Apprenticeship	0.91	0.50	1.66
University Degree vs Trade/Apprenticeship	1.21	0.68	2.17

Appendix 15T continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.82	0.77	4.30
Hazardous Drinker vs Safe Drinker	1.18	0.82	1.70
Moderate vs Safe Drinker	0.91	0.58	1.42
SMOKER CATEGORY			
Current smoker vs Never smoked	1.49	0.95	2.33
Ex smoker vs Never smoked	1.21	0.83	1.77
OS EXPOSURE			
OS Exposure vs No OS exposure	1.20	0.85	1.71

Appendix 15U : Self-reported physician diagnosed Anxiety: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.55	0.33	0.94
Richmond vs Exposed	0.51	0.32	0.81
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.14	0.02	0.87
30-34yrs vs 60-64yrs	0.39	0.13	1.20
35-39yrs vs 60-64yrs	0.42	0.15	1.20
40-44yrs vs 60-64yrs	0.44	0.17	1.14
45-49yrs vs 60-64yrs	0.45	0.18	1.14
50-54yrs vs 60-64yrs	0.75	0.29	1.93
55-59yrs vs 60-64yrs	1.53	0.59	4.01
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.13	0.70	1.83
1985-1989 vs 1975-1979	0.81	0.47	1.39
1990-1994 vs 1975-1979	0.80	0.39	1.66
1995-1999 vs 1975-1979	1.32	0.47	3.74
RANK CATEGORY			
Civilian vs Enlisted	0.92	0.30	2.85
Non Comm Officer vs Enlisted	0.79	0.50	1.26
Officer vs Enlisted	0.25	0.05	1.16
Unknown vs Enlisted	0.34	0.03	3.33
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	1.51	0.93	2.47
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.25	0.81	1.91
Completed High School vs Trade/Apprenticeship	1.11	0.60	2.03
Primary School or High School vs Trade/Apprenticeship	1.00	0.50	1.99
University Degree vs Trade/Apprenticeship	1.28	0.68	2.42

Appendix 15U continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.87	0.70	5.02
Hazardous Drinker vs Safe Drinker	1.27	0.86	1.88
Moderate vs Safe Drinker	1.00	0.62	1.63
SMOKER CATEGORY			
Current smoker vs Never smoked	1.97	1.24	3.12
Ex smoker vs Never smoked	1.43	0.95	2.17
OS EXPOSURE			
OS Exposure vs No OS exposure	1.42	0.97	2.08

Appendix 15V : Self-reported physician diagnosed Anxiety: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	1.95	1.24	3.07
Moderate exposure vs Unexposed	1.57	1.00	2.47
Prolonged exposure vs Unexposed	2.46	1.63	3.72
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.08	0.01	0.48
30-34yrs vs 60-64yrs	0.32	0.12	0.83
35-39yrs vs 60-64yrs	0.29	0.12	0.67
40-44yrs vs 60-64yrs	0.39	0.19	0.84
45-49yrs vs 60-64yrs	0.35	0.17	0.73
50-54yrs vs 60-64yrs	0.65	0.31	1.33
55-59yrs vs 60-64yrs	1.20	0.57	2.54
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.98	0.66	1.45
1985-1989 vs 1975-1979	0.77	0.48	1.23
1990-1994 vs 1975-1979	0.73	0.38	1.42
1995-1999 vs 1975-1979	0.91	0.36	2.32
RANK CATEGORY			
Civilian vs Enlisted	1.18	0.42	3.33
Non Comm Officer vs Enlisted	0.82	0.55	1.23
Officer vs Enlisted	0.23	0.06	0.82
Unknown vs Enlisted	1.38	0.47	4.01
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	1.39	0.89	2.17

Appendix 15V continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.02	0.71	1.45
Completed High School vs Trade/Apprenticeship	0.98	0.59	1.64
Primary School or High School vs Trade/Apprenticeship	0.99	0.58	1.69
University Degree vs Trade/Apprenticeship	1.39	0.83	2.34
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	2.20	1.00	4.85
Hazardous Drinker vs Safe Drinker	1.24	0.89	1.73
Moderate vs Safe Drinker	0.93	0.62	1.41
SMOKER CATEGORY			
Current smoker vs Never smoked	1.69	1.13	2.52
Ex smoker vs Never smoked	1.25	0.88	1.76
OS EXPOSURE			
OS Exposure vs No OS exposure	1.21	0.88	1.67

15.3 CIDI DEPRESSION

Appendix 15W : CIDI Depression: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.59	0.41	0.85
Richmond vs Exposed	0.53	0.38	0.74
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.18	0.05	0.64
30-34yrs vs 60-64yrs	0.46	0.19	1.14
35-39yrs vs 60-64yrs	0.53	0.23	1.21
40-44yrs vs 60-64yrs	0.65	0.31	1.39
45-49yrs vs 60-64yrs	0.71	0.34	1.46
50-54yrs vs 60-64yrs	0.95	0.45	1.99
55-59yrs vs 60-64yrs	0.96	0.44	2.11
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.08	0.75	1.56
1985-1989 vs 1975-1979	1.22	0.80	1.86
1990-1994 vs 1975-1979	1.24	0.72	2.16
1995-1999 vs 1975-1979	1.55	0.72	3.31
RANK CATEGORY			
Civilian vs Enlisted	0.82	0.34	2.01
Non Comm Officer vs Enlisted	0.94	0.67	1.33
Officer vs Enlisted	0.34	0.12	0.95
Unknown vs Enlisted	2.88	0.97	8.58
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	2.15	1.47	3.14

Appendix 15W continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.46	1.05	2.03
Completed High School vs Trade/Apprenticeship	1.42	0.86	2.33
Primary School or High School vs Trade/Apprenticeship	1.98	1.19	3.30
University Degree vs Trade/Apprenticeship	2.22	1.40	3.52
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	2.29	1.10	4.76
Hazardous Drinker vs Safe Drinker	1.42	1.05	1.93
Moderate vs Safe Drinker	0.97	0.67	1.40
SMOKER CATEGORY			
Current smoker vs Never smoked	1.55	1.08	2.22
Ex smoker vs Never smoked	1.15	0.84	1.56
OS EXPOSURE			
OS Exposure vs No OS exposure	1.07	0.80	1.43
H.S.A. CENTRE			
Adelaide vs Brisbane	1.21	0.66	2.21
Canberra vs Brisbane	1.00	0.48	2.05
Ipswich vs Brisbane	0.94	0.65	1.37
Melbourne vs Brisbane	0.53	0.28	1.03
Newcastle vs Brisbane	0.80	0.43	1.49
Parramatta vs Brisbane	0.64	0.44	0.94
Perth vs Brisbane	1.14	0.60	2.15

Appendix 15X : CIDI Depression: Most parsimonious model obtained by logistic regression for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.56	0.39	0.80
Richmond vs Exposed	0.51	0.37	0.70
RANK CATEGORY			
Civilian vs Enlisted	0.96	0.42	2.21
Non Comm Officer vs Enlisted	1.21	0.92	1.60
Officer vs Enlisted	0.42	0.16	1.13
Unknown vs Enlisted	3.43	1.21	9.71
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	2.00	1.38	2.89
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.45	1.05	2.00
Completed High School vs Trade/Apprenticeship	1.41	0.86	2.30
Primary School or High School vs Trade/Apprenticeship	2.13	1.31	3.48
University Degree vs Trade/Apprenticeship	2.00	1.28	3.13
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	2.39	1.16	4.90
Hazardous Drinker vs Safe Drinker	1.38	1.03	1.87
Moderate vs Safe Drinker	0.97	0.67	1.39
SMOKER CATEGORY			
Current smoker vs Never smoked	1.58	1.11	2.25
Ex smoker vs Never smoked	1.27	0.95	1.71

Appendix 15Y : CIDI Depression: Multiple logistic regression with confidence intervals computed using robust standard error estimates derived after clustering for HSA centre

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley	0.59	0.41	0.85
Richmond	0.53	0.40	0.71
Exposed (reference)	1.00	1.00	1.00
AGE CATEGORY			
25-29yrs	0.18	0.11	0.32
30-34yrs	0.46	0.34	0.64
35-39yrs	0.53	0.30	0.93
40-44yrs	0.65	0.52	0.81
45-49yrs	0.71	0.53	0.95
50-54yrs	0.95	0.64	1.41
55-59yrs	0.96	0.51	1.80
60-64yrs (reference)	1.00	1.00	1.00
POSTING CATEGORY			
1980-1984	1.08	0.92	1.26
1985-1989	1.22	1.00	1.48
1990-1994	1.24	1.07	1.45
1995-1999	1.55	1.07	2.23
1975-1979 (reference)	1.00	1.00	1.00
RANK CATEGORY			
Civilian	0.82	0.39	1.76
Non Comm Officer	0.94	0.74	1.20
Officer	0.34	0.18	0.62
Unknown	2.88	1.93	4.30
Enlisted (reference)	1.00	1.00	1.00
DRINKER CATEGORY			
Former Hazardous	2.29	1.15	4.56
Hazardous Drinker	1.42	1.00	2.02
Moderate	0.97	0.71	1.33
Safe Drinker (reference)	1.00	1.00	1.00

Appendix 15Y continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
SMOKER CATEGORY			
Current smoker	1.55	1.29	1.86
Ex smoker	1.15	0.81	1.62
Never smoked (reference)	1.00	1.00	1.00
HISTORY OF DEPRESSION			
Family History of depression	2.15	1.75	2.64
No Family history of depression (reference)	1.00	1.00	1.00
EDUCATION			
Certificate/Diploma	1.46	1.13	1.90
Completed High School	1.42	0.89	2.24
Primary School or High School	1.98	1.48	2.65
University Degree	2.22	1.60	3.08
Trade/Apprenticeship (reference)	1.00	1.00	1.00
OS EXPOSURE			
OS Exposure	1.07	0.84	1.36
No OS exposure (reference)	1.00	1.00	1.00
H.S.A. CENTRE			
Adelaide	1.22	1.14	1.30
Canberra	1.00	0.93	1.08
Ipswich	0.96	0.88	1.05
Melbourne	0.54	0.51	0.58
Newcastle	0.80	0.71	0.89
Parramatta	0.65	0.61	0.69
Perth	1.15	1.07	1.23
Brisbane (reference)	1.00	1.00	1.00

Appendix 15Z : CIDI Depression: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.54	0.35	0.85
Richmond vs Exposed	0.44	0.30	0.66
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.15	0.03	0.75
30-34yrs vs 60-64yrs	0.33	0.11	0.96
35-39yrs vs 60-64yrs	0.46	0.18	1.16
40-44yrs vs 60-64yrs	0.54	0.24	1.22
45-49yrs vs 60-64yrs	0.60	0.28	1.31
50-54yrs vs 60-64yrs	0.72	0.33	1.58
55-59yrs vs 60-64yrs	0.68	0.30	1.57
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.07	0.73	1.59
1985-1989 vs 1975-1979	1.44	0.88	2.37
1990-1994 vs 1975-1979	1.04	0.50	2.17
1995-1999 vs 1975-1979	1.83	0.72	4.68
RANK CATEGORY			
Non Comm Officer vs Enlisted	1.01	0.69	1.50
Officer vs Enlisted	0.50	0.17	1.48
Unknown vs Enlisted	2.76	0.91	8.37
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	2.21	1.45	3.39
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.32	0.90	1.92
Completed High School vs Trade/Apprenticeship	1.19	0.68	2.08
Primary School or High School vs Trade/Apprenticeship	1.55	0.89	2.70
University Degree vs Trade/Apprenticeship	1.76	1.04	3.00

Appendix 15Z continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	2.53	1.12	5.70
Hazardous Drinker vs Safe Drinker	1.46	1.03	2.06
Moderate vs Safe Drinker	1.00	0.66	1.52
SMOKER CATEGORY			
Current smoker vs Never smoked	1.31	0.86	2.00
Ex smoker vs Never smoked	1.10	0.78	1.55
OS EXPOSURE			
OS Exposure vs No OS exposure	1.08	0.77	1.50
H.S.A. CENTRE			
Adelaide vs Brisbane	1.22	0.64	2.32
Canberra vs Brisbane	1.23	0.57	2.68
Ipswich vs Brisbane	0.96	0.60	1.54
Melbourne vs Brisbane	0.59	0.30	1.19
Newcastle vs Brisbane	0.89	0.45	1.77
Parramatta vs Brisbane	0.67	0.45	1.02
Perth vs Brisbane	1.12	0.58	2.19

Appendix 15AA : CIDI Depression: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.66	0.41	1.07
Richmond vs Exposed	0.58	0.37	0.90
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.37	0.08	1.65
30-34yrs vs 60-64yrs	0.92	0.30	2.81
35-39yrs vs 60-64yrs	0.91	0.31	2.65
40-44yrs vs 60-64yrs	1.16	0.43	3.13
45-49yrs vs 60-64yrs	1.02	0.39	2.69
50-54yrs vs 60-64yrs	1.18	0.44	3.23
55-59yrs vs 60-64yrs	1.49	0.52	4.23
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.93	0.59	1.48
1985-1989 vs 1975-1979	1.19	0.73	1.95
1990-1994 vs 1975-1979	1.19	0.63	2.22
1995-1999 vs 1975-1979	1.46	0.59	3.63
RANK CATEGORY			
Civilian vs Enlisted	0.93	0.34	2.59
Non Comm Officer vs Enlisted	1.01	0.68	1.52
Officer vs Enlisted	0.70	0.23	2.09
Unknown vs Enlisted	1.55	0.25	9.76
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	2.22	1.45	3.38
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.18	0.80	1.75
Completed High School vs Trade/Apprenticeship	1.17	0.67	2.04
Primary School or High School vs Trade/Apprenticeship	1.74	0.94	3.21
University Degree vs Trade/Apprenticeship	1.69	0.99	2.90

Appendix 15AA continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	1.78	0.70	4.55
Hazardous Drinker vs Safe Drinker	1.28	0.90	1.83
Moderate vs Safe Drinker	1.17	0.76	1.79
SMOKER CATEGORY			
Current smoker vs Never smoked	1.58	1.04	2.41
Ex smoker vs Never smoked	1.26	0.88	1.81
OS EXPOSURE			
OS Exposure vs No OS exposure	1.11	0.78	1.59
H.S.A. CENTRE			
Adelaide vs Brisbane	1.56	0.81	3.00
Canberra vs Brisbane	1.06	0.48	2.33
Ipswich vs Brisbane	1.23	0.78	1.94
Melbourne vs Brisbane	0.58	0.29	1.18
Newcastle vs Brisbane	0.75	0.36	1.59
Parramatta vs Brisbane	0.61	0.39	0.95
Perth vs Brisbane	1.12	0.53	2.36

Appendix 15BB : CIDI Depression: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	1.32	0.85	2.06
Moderate exposure vs Unexposed	1.60	1.05	2.44
Prolonged exposure vs Unexposed	2.45	1.65	3.66
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.14	0.04	0.53
30-34yrs vs 60-64yrs	0.46	0.18	1.15
35-39yrs vs 60-64yrs	0.44	0.19	1.03
40-44yrs vs 60-64yrs	0.57	0.26	1.23
45-49yrs vs 60-64yrs	0.63	0.30	1.31
50-54yrs vs 60-64yrs	0.77	0.36	1.63
55-59yrs vs 60-64yrs	0.87	0.39	1.93
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.03	0.71	1.51
1985-1989 vs 1975-1979	1.17	0.76	1.80
1990-1994 vs 1975-1979	1.23	0.69	2.18
1995-1999 vs 1975-1979	1.41	0.63	3.14
RANK CATEGORY			
Civilian vs Enlisted	0.90	0.33	2.43
Non Comm Officer vs Enlisted	0.91	0.64	1.30
Officer vs Enlisted	0.37	0.13	1.05
Unknown vs Enlisted	3.18	0.98	10.27
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	2.26	1.53	3.32

Appendix 15BB continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.44	1.02	2.02
Completed High School vs Trade/Apprenticeship	1.45	0.90	2.36
Primary School or High School vs Trade/Apprenticeship	2.01	1.23	3.29
University Degree vs Trade/Apprenticeship	2.05	1.27	3.31
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	2.31	1.06	5.02
Hazardous Drinker vs Safe Drinker	1.42	1.03	1.94
Moderate vs Safe Drinker	1.05	0.72	1.53
SMOKER CATEGORY			
Current smoker vs Never smoked	1.58	1.08	2.29
Ex smoker vs Never smoked	1.15	0.84	1.57
OS EXPOSURE			
OS Exposure vs No OS exposure	1.09	0.80	1.47
H.S.A. CENTRE			
Adelaide vs Brisbane	1.31	0.72	2.40
Canberra vs Brisbane	1.12	0.54	2.32
Ipswich vs Brisbane	0.93	0.63	1.39
Melbourne vs Brisbane	0.55	0.29	1.08
Newcastle vs Brisbane	0.90	0.48	1.68
Parramatta vs Brisbane	0.67	0.46	0.98
Perth vs Brisbane	1.23	0.64	2.33

15.4 CIDI ANXIETY

Appendix 15CC : CIDI Anxiety: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.63	0.42	0.95
Richmond vs Exposed	0.44	0.30	0.64
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.33	0.08	1.32
30-34yrs vs 60-64yrs	0.51	0.19	1.38
35-39yrs vs 60-64yrs	0.84	0.34	2.07
40-44yrs vs 60-64yrs	0.79	0.34	1.80
45-49yrs vs 60-64yrs	0.70	0.32	1.56
50-54yrs vs 60-64yrs	1.06	0.47	2.38
55-59yrs vs 60-64yrs	1.20	0.52	2.80
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.88	0.59	1.32
1985-1989 vs 1975-1979	0.85	0.53	1.36
1990-1994 vs 1975-1979	0.74	0.40	1.37
1995-1999 vs 1975-1979	0.85	0.35	2.06
RANK CATEGORY			
Civilian vs Enlisted	2.28	0.95	5.51
Non Comm Officer vs Enlisted	1.00	0.68	1.48
Officer vs Enlisted	0.27	0.06	1.25
Unknown vs Enlisted	1.69	0.54	5.33
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	1.32	0.85	2.08

Appendix 15CC continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.23	0.87	1.75
Completed High School vs Trade/Apprenticeship	0.99	0.58	1.70
Primary School or High School vs Trade/Apprenticeship	1.09	0.62	1.93
University Degree vs Trade/Apprenticeship	0.78	0.43	1.41
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	3.17	1.50	6.70
Hazardous Drinker vs Safe Drinker	1.48	1.05	2.09
Moderate vs Safe Drinker	1.15	0.76	1.72
SMOKER CATEGORY			
Current smoker vs Never smoked	1.75	1.19	2.57
Ex smoker vs Never smoked	0.88	0.62	1.24
OS EXPOSURE			
OS Exposure vs No OS exposure	1.16	0.84	1.59
H.S.A. CENTRE			
Adelaide vs Brisbane	0.92	0.46	1.83
Canberra vs Brisbane	1.04	0.46	2.32
Ipswich vs Brisbane	0.79	0.52	1.18
Melbourne vs Brisbane	0.81	0.43	1.54
Newcastle vs Brisbane	0.82	0.42	1.62
Parramatta vs Brisbane	0.39	0.25	0.62
Perth vs Brisbane	1.36	0.70	2.63

Appendix 15DD : CIDI Anxiety: Most parsimonious model obtained by logistic regression for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.57	0.40	0.81
Richmond vs Exposed	0.41	0.28	0.59
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.27	0.08	0.87
30-34yrs vs 60-64yrs	0.44	0.19	1.03
35-39yrs vs 60-64yrs	0.73	0.34	1.58
40-44yrs vs 60-64yrs	0.78	0.37	1.65
45-49yrs vs 60-64yrs	0.73	0.35	1.54
50-54yrs vs 60-64yrs	1.04	0.48	2.28
55-59yrs vs 60-64yrs	1.15	0.51	2.63
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	3.20	1.54	6.65
Hazardous Drinker vs Safe Drinker	1.49	1.06	2.09
Moderate vs Safe Drinker	1.16	0.78	1.74
SMOKER CATEGORY			
Current smoker vs Never smoked	1.79	1.23	2.62
Ex smoker vs Never smoked	0.90	0.63	1.26
H.S.A. CENTRE			
Adelaide vs Brisbane	0.95	0.48	1.89
Canberra vs Brisbane	0.89	0.40	1.95
Ipswich vs Brisbane	0.83	0.56	1.24
Melbourne vs Brisbane	0.81	0.43	1.52
Newcastle vs Brisbane	0.84	0.43	1.65
Parramatta vs Brisbane	0.40	0.25	0.63
Perth vs Brisbane	1.35	0.71	2.59

Appendix 15EE : CIDI Anxiety: Multiple logistic regression with confidence intervals computed using robust standard error estimates derived after clustering for HSA centre

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley	0.63	0.36	1.10
Richmond	0.44	0.27	0.71
Exposed (reference)	1.00	1.00	1.00
AGE CATEGORY			
25-29yrs	0.33	0.19	0.56
30-34yrs	0.51	0.21	1.23
35-39yrs	0.84	0.48	1.47
40-44yrs	0.79	0.52	1.19
45-49yrs	0.70	0.40	1.22
50-54yrs	1.06	0.62	1.81
55-59yrs	1.20	0.78	1.85
60-64yrs (reference)	1.00	1.00	1.00
POSTING CATEGORY			
1980-1984	0.88	0.71	1.08
1985-1989	0.85	0.63	1.15
1990-1994	0.74	0.49	1.11
1995-1999	0.85	0.44	1.65
9975-1979 (reference)	1.00	1.00	1.00
RANK CATEGORY			
Civilian	2.28	0.98	5.32
Non Comm Officer	1.00	0.83	1.22
Officer	0.27	0.11	0.66
Unknown	1.69	0.71	4.07
Enlisted (reference)	1.00	1.00	1.00
DRINKER CATEGORY			
Former Hazardous	3.17	2.58	3.89
Hazardous Drinker	1.48	1.02	2.15
Moderate	1.15	0.78	1.68
Safe Drinker (reference)	1.00	1.00	1.00

Appendix 15EE continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
SMOKER CATEGORY			
Current smoker	1.75	1.36	2.24
Ex smoker	0.88	0.55	1.39
Never smoked (reference)	1.00	1.00	1.00
HISTORY OF DEPRESSION			
Family History of depression	1.33	1.00	1.76
No Family History of depression (reference)	1.00	1.00	1.00
EDUCATION			
Certificate/Diploma	1.23	1.03	1.47
Completed High School	0.99	0.67	1.46
Primary School or High School	1.09	0.68	1.76
University Degree	0.78	0.52	1.17
Trade/Apprenticeship (reference)	1.00	1.00	1.00
OS EXPOSURE			
OS Exposure	1.16	0.83	1.63
No OS exposure (reference)	1.00	1.00	1.00
H.S.A. CENTRE			
Adelaide	0.91	0.82	1.01
Canberra	1.03	0.87	1.22
Ipswich	0.80	0.72	0.88
Melbourne	0.82	0.68	0.99
Newcastle	0.82	0.74	0.91
Parramatta	0.38	0.34	0.43
Perth	1.36	1.14	1.61
Brisbane (reference)	1.00	1.00	1.00

**Appendix 15FF : CIDI Anxiety: Logistic regression where the exposed group are
all those in Program 1**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.53	0.33	0.86
Richmond vs Exposed	0.38	0.25	0.60
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.15	0.01	1.64
30-34yrs vs 60-64yrs	0.65	0.20	2.18
35-39yrs vs 60-64yrs	0.85	0.31	2.38
40-44yrs vs 60-64yrs	0.81	0.32	2.01
45-49yrs vs 60-64yrs	0.79	0.33	1.88
50-54yrs vs 60-64yrs	1.00	0.42	2.41
55-59yrs vs 60-64yrs	1.14	0.46	2.82
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.88	0.57	1.35
1985-1989 vs 1975-1979	0.95	0.54	1.68
1990-1994 vs 1975-1979	0.93	0.42	2.07
1995-1999 vs 1975-1979	1.02	0.34	3.05
RANK CATEGORY			
Civilian vs Enlisted	3.28	0.38	28.19
Non Comm Officer vs Enlisted	1.23	0.80	1.90
Officer vs Enlisted	0.44	0.09	2.12
Unknown vs Enlisted	2.53	0.71	9.08
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	1.41	0.85	2.34
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.25	0.83	1.88
Completed High School vs Trade/Apprenticeship	1.01	0.55	1.86
Primary School or High School vs Trade/Apprenticeship	1.20	0.65	2.22
University Degree vs Trade/Apprenticeship	0.64	0.31	1.32

Appendix 15FF continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	2.81	1.18	6.67
Hazardous Drinker vs Safe Drinker	1.40	0.95	2.07
Moderate vs Safe Drinker	1.11	0.69	1.77
SMOKER CATEGORY			
Current smoker vs Never smoked	1.91	1.22	2.99
Ex smoker vs Never smoked	0.88	0.59	1.31
OS EXPOSURE			
OS Exposure vs No OS exposure	1.19	0.82	1.72
H.S.A. CENTRE			
Adelaide vs Brisbane	0.95	0.46	1.98
Canberra vs Brisbane	0.77	0.29	2.04
Ipswich vs Brisbane	0.94	0.57	1.55
Melbourne vs Brisbane	0.67	0.32	1.40
Newcastle vs Brisbane	0.78	0.36	1.71
Parramatta vs Brisbane	0.45	0.27	0.73
Perth vs Brisbane	1.45	0.73	2.88

Appendix 15GG : CIDI Anxiety: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.55	0.32	0.95
Richmond vs Exposed	0.40	0.25	0.67
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.61	0.10	3.70
30-34yrs vs 60-64yrs	0.99	0.27	3.64
35-39yrs vs 60-64yrs	1.52	0.44	5.22
40-44yrs vs 60-64yrs	1.30	0.41	4.15
45-49yrs vs 60-64yrs	1.17	0.38	3.58
50-54yrs vs 60-64yrs	1.36	0.43	4.30
55-59yrs vs 60-64yrs	2.25	0.70	7.26
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.61	0.36	1.03
1985-1989 vs 1975-1979	0.74	0.42	1.28
1990-1994 vs 1975-1979	0.52	0.25	1.10
1995-1999 vs 1975-1979	0.58	0.19	1.82
RANK CATEGORY			
Civilian vs Enlisted	2.61	0.92	7.42
Non Comm Officer vs Enlisted	1.10	0.69	1.74
Officer vs Enlisted	0.24	0.03	2.07
Unknown vs Enlisted	0.79	0.08	8.21
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	1.26	0.74	2.13
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.09	0.70	1.69
Completed High School vs Trade/Apprenticeship	0.91	0.50	1.68
Primary School or High School vs Trade/Apprenticeship	0.97	0.48	1.98
University Degree vs Trade/Apprenticeship	0.69	0.33	1.43

Appendix 15GG continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	3.76	1.47	9.63
Hazardous Drinker vs Safe Drinker	1.64	1.09	2.47
Moderate vs Safe Drinker	1.25	0.76	2.07
SMOKER CATEGORY			
Current smoker vs Never smoked	2.48	1.57	3.92
Ex smoker vs Never smoked	1.04	0.68	1.60
OS EXPOSURE			
OS Exposure vs No OS exposure	1.19	0.80	1.78
H.S.A. CENTRE			
Adelaide vs Brisbane	0.64	0.27	1.55
Canberra vs Brisbane	0.98	0.40	2.41
Ipswich vs Brisbane	0.85	0.51	1.42
Melbourne vs Brisbane	0.83	0.42	1.64
Newcastle vs Brisbane	0.72	0.32	1.64
Parramatta vs Brisbane	0.27	0.15	0.49
Perth vs Brisbane	1.99	0.95	4.14

Appendix 15HH : CIDI Anxiety: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	1.78	1.11	2.85
Moderate exposure vs Unexposed	1.61	1.02	2.55
Prolonged exposure vs Unexposed	2.62	1.71	4.03
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.42	0.09	1.89
30-34yrs vs 60-64yrs	0.77	0.27	2.17
35-39yrs vs 60-64yrs	0.97	0.38	2.48
40-44yrs vs 60-64yrs	0.96	0.41	2.27
45-49yrs vs 60-64yrs	0.84	0.36	1.92
50-54yrs vs 60-64yrs	1.11	0.48	2.58
55-59yrs vs 60-64yrs	1.28	0.53	3.08
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.87	0.58	1.32
1985-1989 vs 1975-1979	0.83	0.51	1.34
1990-1994 vs 1975-1979	0.62	0.32	1.22
1995-1999 vs 1975-1979	0.64	0.25	1.66
RANK CATEGORY			
Civilian vs Enlisted	2.65	0.95	7.33
Non Comm Officer vs Enlisted	1.11	0.75	1.65
Officer vs Enlisted	0.33	0.07	1.53
Unknown vs Enlisted	1.92	0.57	6.45
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	1.37	0.87	2.18

Appendix 15HH continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.19	0.83	1.70
Completed High School vs Trade/Apprenticeship	1.17	0.69	1.96
Primary School or High School vs Trade/Apprenticeship	1.21	0.70	2.12
University Degree vs Trade/Apprenticeship	0.77	0.42	1.43
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	3.40	1.55	7.47
Hazardous Drinker vs Safe Drinker	1.51	1.06	2.15
Moderate vs Safe Drinker	1.16	0.77	1.77
SMOKER CATEGORY			
Current smoker vs Never smoked	1.93	1.30	2.88
Ex smoker vs Never smoked	0.90	0.63	1.28
OS EXPOSURE			
OS Exposure vs No OS exposure	1.16	0.83	1.61
H.S.A CENTRE			
Adelaide vs Brisbane	0.92	0.46	1.84
Canberra vs Brisbane	0.92	0.40	2.13
Ipswich vs Brisbane	0.83	0.54	1.26
Melbourne vs Brisbane	0.84	0.44	1.59
Newcastle vs Brisbane	0.80	0.40	1.60
Parramatta vs Brisbane	0.37	0.23	0.59
Perth vs Brisbane	1.41	0.72	2.75

15.5 NEURASTHENIA

Appendix 15II Neurasthenia: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.72	0.40	1.31
Richmond vs Exposed	0.41	0.23	0.76
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.68	0.10	4.68
30-34yrs vs 60-64yrs	0.69	0.15	3.13
35-39yrs vs 60-64yrs	0.93	0.24	3.65
40-44yrs vs 60-64yrs	0.89	0.25	3.13
45-49yrs vs 60-64yrs	0.77	0.23	2.62
50-54yrs vs 60-64yrs	1.64	0.49	5.48
55-59yrs vs 60-64yrs	0.88	0.22	3.44
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.69	0.37	1.29
1985-1989 vs 1975-1979	0.78	0.39	1.58
1990-1994 vs 1975-1979	1.03	0.45	2.36
1995-1999 vs 1975-1979	0.81	0.23	2.82
RANK CATEGORY			
Non Comm Officer vs Enlisted	0.81	0.45	1.44
Unknown vs Enlisted	0.64	0.21	1.93
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	0.82	0.23	2.96
Hazardous Drinker vs Safe Drinker	0.93	0.56	1.55
Moderate vs Safe Drinker	0.85	0.47	1.53

Appendix 15II continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
SMOKER CATEGORY			
Current smoker vs Never smoked	1.21	0.67	2.18
Ex smoker vs Never smoked	0.97	0.58	1.62
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	1.40	0.73	2.70
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.45	0.84	2.50
Completed High School vs Trade/Apprenticeship	2.10	0.98	4.48
Primary School or High School vs Trade/Apprenticeship	1.43	0.60	3.40
University Degree vs Trade/Apprenticeship	1.39	0.61	3.14
OS EXPOSURE			
OS Exposure vs No OS exposure	2.11	1.34	3.35
H.S.A. CENTRE			
Adelaide vs Brisbane	0.24	0.03	1.83
Canberra vs Brisbane	1.23	0.35	4.32
Ipswich vs Brisbane	1.53	0.87	2.71
Melbourne vs Brisbane	0.53	0.16	1.83
Newcastle vs Brisbane	1.61	0.63	4.11
Parramatta vs Brisbane	1.03	0.56	1.92
Perth vs Brisbane	1.91	0.74	4.94

Appendix 15JJ : Neurasthenia: Most parsimonious model obtained by logistic regression

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.84	0.50	1.40
Richmond vs Exposed	0.40	0.23	0.69
OS EXPOSURE			
OS Exposure vs No OS exposure	2.02	1.31	3.11

Appendix 15KK Neurasthenia: Multiple logistic regression with confidence intervals computed using robust standard error estimates derived after clustering for HSA centre

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley	0.72	0.37	1.40
Richmond	0.42	0.25	0.70
Exposed (reference)	1.00	1.00	1.00
AGE CATEGORY			
25-29yrs	0.68	0.20	2.34
30-34yrs	0.69	0.31	1.53
35-39yrs	0.93	0.51	1.70
40-44yrs	0.89	0.35	2.27
45-49yrs	0.77	0.59	1.02
50-54yrs	1.64	0.73	3.70
55-59yrs	0.88	0.42	1.83
60-64yrs (reference)	1.00	1.00	1.00
POSTING CATEGORY			
1980-1984	0.69	0.47	1.01
1985-1989	0.78	0.45	1.35
1990-1994	1.03	0.68	1.55
1995-1999	0.81	0.31	2.12
1975-1979 (reference)	1.00	1.00	1.00
RANK CATEGORY			
Non Comm Officer	0.81	0.66	0.99
Unknown	0.64	0.26	1.53
Enlisted (reference)	1.00	1.00	1.00
DRINKER CATEGORY			
Former Hazardous	0.82	0.36	1.88
Hazardous Drinker	0.93	0.56	1.57
Moderate	0.85	0.51	1.40
Safe Drinker (reference)	1.00	1.00	1.00

Appendix 15KK continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
SMOKER CATEGORY			
Current smoker	1.21	0.58	2.51
Ex smoker	0.97	0.63	1.50
Never smoked (reference)	1.00	1.00	1.00
HISTORY OF DEPRESSION			
Family History of depression	1.40	0.62	3.19
No Family History depression	1.00	1.00	1.00
EDUCATION			
Certificate/Diploma	1.45	0.94	2.24
Completed High School	2.10	1.52	2.89
Primary School or High School	1.43	0.66	3.07
University Degree	1.39	0.81	2.38
Trade/Apprenticeship (reference)	1.00	1.00	1.00
OS EXPOSURE			
OS Exposure	2.11	1.43	3.13
No OS exposure	1.00	1.00	1.00
H.S.A. CENTRE			
Adelaide	0.25	0.20	0.32
Canberra	1.23	1.11	1.37
Ipswich	1.56	1.52	1.60
Melbourne	0.53	0.42	0.68
Newcastle	1.60	1.54	1.67
Parramatta	1.04	0.95	1.13
Perth	1.89	1.70	2.10
Brisbane	1.00	1.00	1.00

Appendix 15LL : Neurasthenia: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.70	0.34	1.46
Richmond vs Exposed	0.40	0.19	0.81
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.27	0.02	4.14
30-34yrs vs 60-64yrs	0.47	0.07	3.42
35-39yrs vs 60-64yrs	0.74	0.15	3.65
40-44yrs vs 60-64yrs	0.71	0.17	2.87
45-49yrs vs 60-64yrs	0.70	0.19	2.64
50-54yrs vs 60-64yrs	1.25	0.35	4.49
55-59yrs vs 60-64yrs	0.50	0.11	2.32
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.61	0.31	1.24
1985-1989 vs 1975-1979	0.61	0.24	1.55
1990-1994 vs 1975-1979	1.04	0.32	3.39
1995-1999 vs 1975-1979	1.71	0.41	7.14
RANK CATEGORY			
Non Comm Officer vs Enlisted	1.03	0.53	2.01
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	0.83	0.17	4.01
Hazardous Drinker vs Safe Drinker	1.09	0.59	2.00
Moderate vs Safe Drinker	1.12	0.56	2.24
SMOKER CATEGORY			
Current smoker vs Never smoked	1.16	0.58	2.33
Ex smoker vs Never smoked	0.73	0.40	1.34
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	1.50	0.70	3.22

Appendix 15LL continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.58	0.81	3.07
Completed High School vs Trade/Apprenticeship	2.27	0.92	5.63
Primary School or High School vs Trade/Apprenticeship	1.74	0.67	4.51
University Degree vs Trade/Apprenticeship	0.85	0.27	2.72
OS EXPOSURE			
OS Exposure vs No OS exposure	2.20	1.27	3.81
H.S.A. CENTRE			
Adelaide vs Brisbane	0.28	0.04	2.20
Canberra vs Brisbane	1.77	0.47	6.62
Ipswich vs Brisbane	1.44	0.69	3.02
Melbourne vs Brisbane	0.45	0.10	2.02
Newcastle vs Brisbane	1.92	0.66	5.58
Parramatta vs Brisbane	1.21	0.59	2.47
Perth vs Brisbane	2.32	0.85	6.36

Appendix 15MM : Neurasthenia: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.87	0.39	1.93
Richmond vs Exposed	0.48	0.22	1.07
AGE CATEGORY			
25-29yrs vs 60-64yrs	1.27	0.11	15.30
30-34yrs vs 60-64yrs	1.23	0.17	8.83
35-39yrs vs 60-64yrs	1.21	0.19	7.80
40-44yrs vs 60-64yrs	1.18	0.21	6.64
45-49yrs vs 60-64yrs	0.96	0.18	5.09
50-54yrs vs 60-64yrs	1.66	0.31	8.74
55-59yrs vs 60-64yrs	0.71	0.10	4.88
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.42	0.17	1.01
1985-1989 vs 1975-1979	0.60	0.26	1.42
1990-1994 vs 1975-1979	0.70	0.25	1.95
1995-1999 vs 1975-1979	0.62	0.13	3.06
RANK CATEGORY			
Non Comm Officer vs Enlisted	1.08	0.54	2.19
Unknown vs Enlisted	0.60	0.13	2.83
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	0.45	0.05	3.74
Hazardous Drinker vs Safe Drinker	0.82	0.43	1.54
Moderate vs Safe Drinker	1.05	0.52	2.12
SMOKER CATEGORY			
Current smoker vs Never smoked	0.99	0.47	2.10
Ex smoker vs Never smoked	0.85	0.46	1.59
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	1.76	0.84	3.70

Appendix 15MM continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.66	0.82	3.36
Completed High School vs Trade/Apprenticeship	2.52	1.04	6.14
Primary School or High School vs Trade/Apprenticeship	1.52	0.47	4.93
University Degree vs Trade/Apprenticeship	1.32	0.44	3.95
OS EXPOSURE			
OS Exposure vs No OS exposure	3.07	1.71	5.52
H.S.A. CENTRE			
Adelaide vs Brisbane	0.42	0.05	3.31
Canberra vs Brisbane	0.59	0.07	4.70
Ipswich vs Brisbane	2.05	0.97	4.34
Melbourne vs Brisbane	0.67	0.19	2.40
Newcastle vs Brisbane	1.64	0.51	5.31
Parramatta vs Brisbane	0.99	0.45	2.18
Perth vs Brisbane	3.16	1.11	8.97

Appendix 15NN : Neurasthenia: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	1.23	0.57	2.62
Moderate exposure vs Unexposed	2.08	1.10	3.94
Prolonged exposure vs Unexposed	1.97	1.02	3.80
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.54	0.06	4.58
30-34yrs vs 60-64yrs	0.77	0.16	3.64
35-39yrs vs 60-64yrs	0.77	0.19	3.17
40-44yrs vs 60-64yrs	0.83	0.23	3.00
45-49yrs vs 60-64yrs	0.69	0.20	2.40
50-54yrs vs 60-64yrs	1.41	0.41	4.80
55-59yrs vs 60-64yrs	0.81	0.20	3.20
POSTING CATEGORY			
1980-1984 vs 1975-1979	0.64	0.34	1.23
1985-1989 vs 1975-1979	0.76	0.37	1.57
1990-1994 vs 1975-1979	0.87	0.36	2.12
1995-1999 vs 1975-1979	0.74	0.19	2.86
RANK CATEGORY			
Non Comm Officer vs Enlisted	0.83	0.45	1.52
Unknown vs Enlisted	0.76	0.23	2.45
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	0.56	0.12	2.59
Hazardous Drinker vs Safe Drinker	1.00	0.59	1.69
Moderate vs Safe Drinker	0.91	0.49	1.67
SMOKER CATEGORY			
Current smoker vs Never smoked	1.17	0.64	2.16
Ex smoker vs Never smoked	0.86	0.51	1.46

Appendix 15NN continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
HISTORY OF DEPRESSION			
Family History of depression vs No Family history of depression	1.41	0.71	2.79
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	1.48	0.84	2.61
Completed High School vs Trade/Apprenticeship	2.61	1.25	5.42
Primary School or High School vs Trade/Apprenticeship	1.80	0.77	4.22
University Degree vs Trade/Apprenticeship	1.28	0.52	3.12
OS EXPOSURE			
OS Exposure vs No OS exposure	2.21	1.38	3.55
H.S.A. CENTRE			
Adelaide vs Brisbane	0.26	0.03	1.95
Canberra vs Brisbane	1.42	0.40	5.03
Ipswich vs Brisbane	1.65	0.90	3.00
Melbourne vs Brisbane	0.58	0.17	2.00
Newcastle vs Brisbane	1.37	0.50	3.75
Parramatta vs Brisbane	1.08	0.57	2.02
Perth vs Brisbane	2.02	0.77	5.33

15.6 MEDICATIONS

15.6.1 DEPRESSION MEDICATIONS

Appendix 1500 : Self-reported anti-depressant medication: Multiple logistic regression summary for all exposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.63	0.37	1.06
Richmond vs Exposed	0.51	0.32	0.83
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.09	0.01	0.92
30-34yrs vs 60-64yrs	0.18	0.05	0.63
35-39yrs vs 60-64yrs	0.29	0.10	0.83
40-44yrs vs 60-64yrs	0.37	0.15	0.94
45-49yrs vs 60-64yrs	0.52	0.22	1.22
50-54yrs vs 60-64yrs	0.53	0.21	1.29
55-59yrs vs 60-64yrs	1.15	0.47	2.83
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.22	0.74	2.02
1985-1989 vs 1975-1979	0.99	0.54	1.81
1990-1994 vs 1975-1979	1.49	0.68	3.29
1995-1999 vs 1975-1979	0.55	0.11	2.70
RANK CATEGORY			
Civilian vs Enlisted	0.83	0.24	2.88
Non Comm Officer vs Enlisted	0.72	0.43	1.19
Officer vs Enlisted	1.01	0.33	3.15
Unknown vs Enlisted	2.08	0.66	6.57

Appendix 1500 continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	2.63	1.58	4.39
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	0.72	0.44	1.16
Completed High School vs Trade/Apprenticeship	1.08	0.55	2.10
Primary School or High School vs Trade/Apprenticeship	0.99	0.50	1.98
University Degree vs Trade/Apprenticeship	1.19	0.60	2.38
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	3.68	1.61	8.46
Hazardous Drinker vs Safe Drinker	1.39	0.90	2.15
Moderate vs Safe Drinker	0.80	0.45	1.42
SMOKER CATEGORY			
Current smoker vs Never smoked	2.12	1.23	3.67
Ex smoker vs Never smoked	1.99	1.23	3.21
OS EXPOSURE			
OS Exposure vs No OS exposure	1.03	0.68	1.56

**Appendix 15PP : Self-reported anti-depressant medication: Most parsimonious
model obtained by logistic regression for all exposed**

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.61	0.39	0.96
Richmond vs Exposed	0.49	0.31	0.78
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.08	0.01	0.65
30-34yrs vs 60-64yrs	0.20	0.07	0.57
35-39yrs vs 60-64yrs	0.34	0.14	0.82
40-44yrs vs 60-64yrs	0.40	0.18	0.89
45-49yrs vs 60-64yrs	0.52	0.23	1.15
50-54yrs vs 60-64yrs	0.50	0.21	1.18
55-59yrs vs 60-64yrs	1.07	0.45	2.54
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	2.53	1.52	4.19
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	3.69	1.65	8.23
Hazardous Drinker vs Safe Drinker	1.37	0.89	2.11
Moderate vs Safe Drinker	0.79	0.45	1.40
SMOKER CATEGORY			
Current smoker vs Never smoked	2.16	1.26	3.71
Ex smoker vs Never smoked	1.93	1.20	3.10

Appendix 15QQ : Self-reported anti-depressant medication: Multiple logistic regression where the exposed group are all those in Program 1

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.54	0.29	0.98
Richmond vs Exposed	0.43	0.25	0.74
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.12	0.01	1.40
30-34yrs vs 60-64yrs	0.12	0.02	0.60
35-39yrs vs 60-64yrs	0.26	0.08	0.81
40-44yrs vs 60-64yrs	0.30	0.11	0.80
45-49yrs vs 60-64yrs	0.35	0.14	0.87
50-54yrs vs 60-64yrs	0.41	0.16	1.03
55-59yrs vs 60-64yrs	0.87	0.35	2.17
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.02	0.60	1.73
1985-1989 vs 1975-1979	1.11	0.55	2.23
1990-1994 vs 1975-1979	1.54	0.57	4.12
1995-1999 vs 1975-1979	0.93	0.17	5.07
RANK CATEGORY			
Non Comm Officer vs Enlisted	0.79	0.45	1.38
Officer vs Enlisted	1.31	0.41	4.24
Unknown vs Enlisted	1.88	0.58	6.08
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	2.83	1.62	4.93
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	0.77	0.45	1.32
Completed High School vs Trade/Apprenticeship	0.98	0.46	2.08
Primary School or High School vs Trade/Apprenticeship	1.00	0.48	2.08
University Degree vs Trade/Apprenticeship	1.06	0.49	2.31

Appendix 15QQ continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	3.34	1.32	8.45
Hazardous Drinker vs Safe Drinker	1.43	0.89	2.31
Moderate vs Safe Drinker	0.78	0.41	1.48
SMOKER CATEGORY			
Current smoker vs Never smoked	1.96	1.08	3.58
Ex smoker vs Never smoked	1.67	0.99	2.81
OS EXPOSURE			
OS Exposure vs No OS exposure	1.10	0.69	1.75

Appendix 15RR : Self-reported anti-depressant medication: Multiple logistic regression where the exposed group are all those in Program 2

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
GROUP			
Amberley vs Exposed	0.72	0.35	1.45
Richmond vs Exposed	0.51	0.27	0.98
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.11	0.01	1.34
30-34yrs vs 60-64yrs	0.22	0.05	0.88
35-39yrs vs 60-64yrs	0.27	0.08	0.90
40-44yrs vs 60-64yrs	0.22	0.07	0.66
45-49yrs vs 60-64yrs	0.39	0.15	1.06
50-54yrs vs 60-64yrs	0.32	0.11	0.96
55-59yrs vs 60-64yrs	0.66	0.23	1.91
POSTING CATEGORY			
1980-1984 vs 1975-1979	1.27	0.67	2.40
1985-1989 vs 1975-1979	0.96	0.48	1.92
1990-1994 vs 1975-1979	1.26	0.50	3.17
1995-1999 vs 1975-1979	0.75	0.14	4.05
RANK CATEGORY			
Civilian vs Enlisted	0.48	0.09	2.68
Non Comm Officer vs Enlisted	1.08	0.59	1.99
Officer vs Enlisted	1.74	0.48	6.35
Unknown vs Enlisted	2.36	0.31	17.93
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	3.44	1.96	6.01
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	0.67	0.37	1.22
Completed High School vs Trade/Apprenticeship	0.91	0.41	2.06
Primary School or High School vs Trade/Apprenticeship	0.83	0.35	1.97
University Degree vs Trade/Apprenticeship	1.00	0.42	2.38

Appendix 15RR continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	2.00	0.58	6.87
Hazardous Drinker vs Safe Drinker	1.69	1.00	2.86
Moderate vs Safe Drinker	0.93	0.46	1.87
SMOKER CATEGORY			
Current smoker vs Never smoked	2.64	1.32	5.24
Ex smoker vs Never smoked	2.73	1.49	4.99
OS EXPOSURE			
OS Exposure vs No OS exposure	1.44	0.86	2.40

Appendix 15SS : Self-reported anti-depressant medication: Multiple logistic regression where exposed are classified by dose and contrasted to the unexposed

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EXPOSURE			
Mild exposure vs Unexposed	0.75	0.34	1.66
Moderate exposure vs Unexposed	3.03	1.81	5.09
Prolonged exposure vs Unexposed	1.89	1.07	3.35
AGE CATEGORY			
25-29yrs vs 60-64yrs	0.08	0.01	0.81
30-34yrs vs 60-64yrs	0.18	0.05	0.66
35-39yrs vs 60-64yrs	0.23	0.08	0.69
40-44yrs vs 60-64yrs	0.34	0.13	0.86
45-49yrs vs 60-64yrs	0.43	0.18	1.04
50-54yrs vs 60-64yrs	0.47	0.19	1.16
55-59yrs vs 60-64yrs	0.93	0.37	2.34
POSTING CATEGORY			
1980-1984 vs 9975-1979	1.14	0.68	1.90
1985-1989 vs 9975-1979	1.00	0.54	1.85
1990-1994 vs 9975-1979	1.45	0.63	3.33
1995-1999 vs 9975-1979	0.60	0.12	3.04
RANK CATEGORY			
Civilian vs Enlisted	0.60	0.14	2.54
Non Comm Officer vs Enlisted	0.73	0.43	1.23
Officer vs Enlisted	1.08	0.34	3.38
Unknown vs Enlisted	2.15	0.61	7.57
HISTORY OF DEPRESSION			
Family History of depression vs No Family History of depression	2.72	1.62	4.55

Appendix 15SS continued...

EFFECT	ODDS RATIO	95% CONFIDENCE LIMITS	
EDUCATION			
Certificate/Diploma vs Trade/Apprenticeship	0.73	0.44	1.20
Completed High School vs Trade/Apprenticeship	1.15	0.60	2.21
Primary School or High School vs Trade/Apprenticeship	1.09	0.56	2.11
University Degree vs Trade/Apprenticeship	1.32	0.66	2.66
DRINKER CATEGORY			
Former Hazardous vs Safe Drinker	2.52	1.00	6.36
Hazardous Drinker vs Safe Drinker	1.50	0.96	2.35
Moderate vs Safe Drinker	0.90	0.50	1.62
SMOKER CATEGORY			
Current smoker vs Never smoked	1.99	1.13	3.49
Ex smoker vs Never smoked	1.99	1.23	3.23
OS EXPOSURE			
OS Exposure vs No OS exposure	1.07	0.69	1.65