

TABLES OF THE ESTIMATED TRANSITION MODELS

BIVARIATE PROBIT MODEL OF FEMALE LABOUR FORCE PARTICIPATION AND BENEFIT RECEIPT FOR THE GENERAL POPULATION

	<i>P(labour force absence)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-1.377	-3.47	-2.206	-2.76
Personal characteristics				
Disabled	—	—	-0.360	-0.94
Disability which impedes employment	0.442	2.08	—	—
Skilled/unskilled vocational or finished secondary school	-0.396	-2.19	-0.309	-0.95
Degree or diploma	-0.711	-2.35	-0.708	-1.60
Received training in last year	-0.618	-2.60	-0.657	-1.65
Immigrated after 1984	—	—	1.083	1.37
Household characteristics				
Number of children ₋₁	-0.404	-1.54	—	—
Number of children	0.367	1.38	-0.065	-0.32
Employed ₋₁ *no. children ₋₁	0.324	1.87	—	—
Newborn child	1.062	2.60	—	—
Single	-0.517	-2.20	0.522	0.88
Sharing with others	-0.082	-0.16	0.671	0.98
Geographical location				
Urban centre (not capital city)	0.100	0.44	—	—
Rural area	-0.574	-2.22	—	—
Work history				
No. of years in paid work/10	-0.066	-0.58	-0.298	-1.36
Unemployment ₋₁	1.606	3.64	0.700	0.89
Part-time work ₋₁	0.000	0.00	0.591	0.90
Out of the labour force ₋₁	2.473	7.40	0.461	0.58
Self employed ₋₁	0.520	0.98	0.967	1.16
(De facto) spouse				
Change in income of spouse/1000 (=chinc)	0.175	0.55	1.933	1.02
Change in benefit receipt of spouse (=chbre)	-1.249	-0.96	0.164	0.10
Spouse is absent in labour force	0.276	0.68	0.415	0.48
Spouse is unemployed	0.021	0.05	0.070	0.05
Spouse is in part-time work	-0.536	-0.68	-0.768	-0.76
Increase labour supply spouse	-0.491	-1.19	1.038	1.39
Decrease labour supply spouse	0.423	0.72	1.058	0.95
Benefits₋₁	0.938	1.30	4.463	3.81
Interaction variables				
benefits ₋₁ * unemployment ₋₁	-2.493	-2.05	-1.843	-1.45
benefits ₋₁ * part-time work ₋₁	-0.063	-0.07	-1.613	-1.38
benefits ₋₁ * out of the labour force ₋₁	-0.804	-1.06	-0.520	-0.40
chinc *employed ₋₁	-0.361	-0.72	-1.667	-0.87
chinc *(absent from labour force) ₋₁	-0.717	-1.51	-1.944	-0.98
chbre * employed ₋₁	0.335	0.22	1.030	0.56
chbre * (absent from labour force) ₋₁	1.157	0.83	0.506	0.26
correlation coefficient	0.169	0.51	..	..
number of observations	740	..	..	..
log likelihood	-280.43	..	..	..
restricted log likelihood	-785.75	..	..	..

BIVARIATE PROBIT MODEL OF FEMALE SELF EMPLOYMENT AND BENEFIT RECEIPT FOR THE GENERAL POPULATION

	<i>P(self employed)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-14.213	-0.94	-2.036	-4.05
Personal characteristics				
Age/10	4.637	0.64	—	—
Age squared/100	-0.488	-0.57	—	—
Disabled	—	—	-0.826	-0.87
Disability which impedes employment	-1.382	-0.75	0.454	0.45
Skilled/unskilled vocational or finished secondary school	-0.642	-0.58	0.026	0.07
Degree or diploma	0.285	0.29	-0.819	-1.37
Received training in last year	—	—	-0.614	-1.49
English proficiency less than good	0.929	0.45	-0.434	-0.58
Household characteristics				
Number of children	-0.531	-0.48	-0.144	-0.31
Age youngest child 0–5	1.912	0.69	0.294	0.32
Age youngest child 6–12	2.130	0.77	0.483	0.51
Single	-0.842	-0.37	0.193	0.37
Sharing with others	0.022	0.01	0.658	1.21
Geographical location				
Urban centre (not capital city)	0.508	0.36	—	—
Rural area	0.979	0.78	—	—
Victoria	0.762	0.42	—	—
Queensland	0.134	0.09	—	—
South Australia	0.462	0.28	—	—
Western Australia	0.432	0.24	—	—
Tasmania	-0.321	-0.12	—	—
Australian Capital Territory	-0.153	-0.04	—	—
Work history				
No. of years in paid work/10	0.272	0.47	-0.081	-0.40
Unemployment–1	0.680	0.48	0.099	0.17
Part-time work–1	-0.268	-0.17	0.181	0.37
Out of the labour force–1	-0.332	-0.15	0.070	0.11
Self employed–1	4.358	1.94	0.596	0.61
Benefits–1	—	—	3.115	5.04
(De facto) spouse				
Log (income of spouse)/10	-0.285	-0.41	—	—
Benefit receipt of spouse	—	—	0.659	0.90
Spouse absent from labour force	-0.766	-0.32	—	—
Spouse in part-time work	-1.196	-0.43	—	—
Increase labour supply spouse	1.713	0.91	—	—
decrease labour supply spouse	-0.962	-0.35	—	—
correlation coefficient	0.997	0.71	..	..
number of observations	536	..	..	..
log likelihood	-101.29	..	..	..
restricted log likelihood	-358.68	..	..	..

MULTINOMIAL LOGIT MODEL OF FEMALE UNEMPLOYMENT, PART-TIME AND FULL-TIME WORK FOR THE GENERAL POPULATION

	<i>P(part-time)</i>		<i>P(full-time)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-3.317	-1.02	3.915	1.16
Personal characteristics				
Age/10	3.478	2.02	1.645	0.91
Age squared/100	-0.501	-2.14	-0.268	-1.10
Disabled	-0.483	-0.84	-1.180	-1.84
Skilled/unskilled vocational or finished secondary school	-0.150	-0.27	0.978	1.64
Degree or diploma	-0.277	-0.36	0.734	0.91
Received training in last year	1.613	2.62	1.950	3.06
Non-English background speaker	-0.667	-1.01	-0.775	-1.01
Immigrated after 1984	-2.071	-1.99	-3.498	-3.10
Household characteristics				
Number of children	-0.145	-0.47	-0.636	-1.83
Age youngest child 0-5	-0.949	-1.48	-0.471	-0.61
Single	-2.391	-1.54	-3.569	-2.20
Sharing with others	-4.518	-2.64	-5.098	-2.95
Geographical location				
Urban centre (not capital city)	1.017	1.51	0.935	1.26
Rural area	1.030	1.35	0.104	0.12
Victoria	0.272	0.34	-0.367	-0.42
Queensland	-0.812	-0.98	-1.330	-1.52
South Australia	0.695	0.86	-1.109	-1.18
Western Australia	-1.334	-1.69	-1.831	-2.12
Tasmania	-1.087	-1.12	-2.128	-1.91
Australian Capital Territory	0.584	0.51	-0.079	-0.07
Work history				
No. of years in paid work/10	1.059	2.35	0.739	1.48
Unemployment ₋₁	-1.991	-1.97	-4.380	-4.22
Part-time work ₋₁	2.135	2.44	-2.378	-2.85
Out of the labour force ₋₁	-1.078	-1.05	-4.790	-4.29
Self employed ₋₁	-0.595	-0.40	-5.301	-3.34
Log (business/property income)/10	0.943	1.77	0.709	1.29
Benefits₋₁	-0.107	-0.18	-2.373	-3.09
(De facto) spouse				
Log (income of spouse)/10	-1.029	-1.31	-1.902	-2.36
Change in benefit receipt of spouse (=chbre)	2.673	1.62	2.532	1.42
Change in income of spouse + own business/property income/1000 (=chinc)	-0.119	-0.74	0.012	0.04
Spouse absent from labour force	-0.295	-0.24	-0.143	-0.10
Spouse unemployed	1.128	0.80	-1.054	-0.46
Spouse part-time	-0.602	-0.40	-0.409	-0.24
Increase labour supply spouse	1.921	1.20	3.016	1.77
decrease labour supply spouse	-2.691	-1.71	-1.682	-0.90
Interaction variables				
chinc* (absent from labour force) ₋₁	-3.466	-1.22	5.095	1.09
chbre* (absent from labour force) ₋₁	-4.622	-1.89	3.107	0.64
number of observations	494	..	..	..
log likelihood	-188.62	..	..	..
restricted log likelihood	-473.89	..	..	..

BIVARIATE PROBIT MODEL OF FEMALE UNEMPLOYMENT AND BENEFIT RECEIPT FOR THE GENERAL POPULATION

	<i>P(unemployed)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	0.273	0.11	-3.505	-3.39
Personal characteristics				
Age/10	-1.976	-1.57	—	—
Age squared/100	0.274	1.65	—	—
Disabled	0.190	0.47	-0.494	-0.98
Skilled/unskilled vocational or finished secondary school	-0.172	-0.43	-0.041	-0.09
Degree or diploma	-0.117	-0.18	-1.053	-1.61
Received training in last year	-0.495	-1.08	—	—
English proficiency less than good	—	—	-0.810	-0.59
Non-English speaking background	0.196	0.34	—	—
Immigrated after 1984	1.263	1.34	1.474	0.82
Household characteristics				
Number of children	0.127	0.58	—	—
Age youngest child 0-5	0.443	1.02	—	—
Single	0.760	0.38	0.745	0.68
Sharing with others	1.314	0.66	1.270	0.88
Geographical location				
Urban centre (not capital city)	-0.507	-1.22	—	—
Rural area	-0.684	-1.18	—	—
Victoria	-0.082	-0.14	—	—
Queensland	0.443	0.81	—	—
South Australia	-0.048	-0.08	—	—
Western Australia	0.603	1.26	—	—
Tasmania	0.856	1.43	—	—
Australian Capital Territory	-0.381	-0.58	—	—
Work history				
No. of years in paid work/10	-0.183	-0.54	—	—
Unemployment ₋₁	2.343	4.03	-0.272	-0.35
Part-time work ₋₁	0.592	1.01	0.414	0.46
Out of the labour force ₋₁	1.967	2.95	0.437	0.24
Self employed ₋₁	1.612	2.01	1.128	1.08
Log (businesses/property income)/10	-0.330	-0.71	-0.540	-1.24
Benefits₋₁				
Log (income of spouse)/10	0.193	0.54	3.724	3.51
Change in benefit receipt of spouse (=chbre)	0.248	0.24	0.128	0.21
Change in income of spouse + own business/property income/1000 (=chinc)	-0.227	-0.23	—	—
Spouse absent from labour force	-0.011	-0.09	—	—
Spouse unemployed	0.336	0.38	0.746	0.34
Spouse part-time	0.062	0.06	1.637	1.39
Spouse unemployed	-0.261	-0.24	0.819	0.35
Interaction variables				
Benefits ₋₁ *part-time work ₋₁	—	—	-0.497	-0.38
Benefits ₋₁ *absent from labour force ₋₁	—	—	-0.638	-0.33
chinc* (absent from labour force) ₋₁	0.331	0.25	—	—
chbre* (absent from labour force) ₋₁	1.168	0.80	—	—
Correlation coefficient	0.805	2.81	..	..
number of observations	494	..	..	..
log likelihood	-138.74	..	..	..
restricted log likelihood	-345.87	..	..	..

BIVARIATE PROBIT MODEL OF MALE LABOUR FORCE PARTICIPATION AND BENEFIT RECEIPT FOR THE GENERAL POPULATION

	<i>P(labour force absence)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-0.871	-0.34	-3.813	-1.48
Personal characteristics				
Age/10	-1.445	-1.03	0.681	0.51
Age squared/100	0.315	1.51	0.047	0.25
Disabled	—	—	0.442	0.67
Disability which impedes employment	0.473	0.68	0.331	0.41
Skilled/unskilled vocational or finished secondary school	-0.270	-0.42	-0.642	-1.16
Degree or diploma	-0.385	-0.44	-1.037	-0.92
Received training in last year	-0.313	-0.34	-0.308	-0.64
Non-English speaking background	0.486	0.73	0.550	0.87
Immigrated after 1984	—	—	-0.337	-0.23
English proficiency less than good	—	—	0.164	0.15
Household characteristics				
Number of children	0.012	0.02	—	—
Number of children ₋₁	-0.979	-1.17	—	—
Age youngest child 0-5	0.878	0.74	-0.906	-0.94
Age youngest child 6-12	—	—	-0.860	-0.76
Single	1.215	0.39	—	—
Sharing with others	1.836	0.55	—	—
Geographical location				
Urban centre (not capital city)	-0.363	-0.42	0.984	1.38
Rural area	-0.980	-1.08	0.907	1.43
Victoria	—	—	0.411	0.52
Queensland	—	—	-0.042	-0.04
South Australia	—	—	0.189	0.21
Western Australia	—	—	-0.777	-0.97
Tasmania	—	—	-0.813	-0.85
Australian Capital Territory	—	—	1.359	1.09
Work history				
No. of years in paid work/10	-0.620	-0.85	-0.942	-1.28
Unemployment ₋₁	-1.108	-0.89	-0.194	-0.26
Part-time work ₋₁	-0.535	-0.50	0.328	0.36
Out of the labour force ₋₁	1.880	2.43	—	—
Benefits₋₁	0.590	0.76	2.890	3.23
(De facto) spouse				
Log (income of spouse)/10	0.612	0.37	-0.207	-0.61
Benefit receipt of spouse	0.611	0.57	—	—
Change in income of spouse/1000	0.030	0.23	-0.151	-0.17
Change in benefit receipt of spouse (=chbre)	1.044	0.27	1.256	1.32
Increase labour supply spouse	0.641	0.53	-1.323	-0.91
Decrease labour supply spouse	0.567	0.57	—	—
Interaction variables				
Employed ₋₁ *no. of children ₋₁	0.720	0.81	—	—
Benefits ₋₁ *part-time work ₋₁	—	—	-0.616	-0.38
Benefits ₋₁ *out of the labour force ₋₁	—	—	0.592	0.40
chbre* (absent from labour force) ₋₁	-2.992	-0.70	-1.655	-0.15
chbre* employed ₋₁	-0.976	-0.25	-0.367	-0.20
Correlation coefficient	0.488	0.71	..	..
number of observations	732	..	..	..
log likelihood	-140.61	..	..	..
restricted log likelihood	-324.31	..	..	..

BIVARIATE PROBIT MODEL OF MALE SELF EMPLOYMENT AND BENEFIT RECEIPT FOR THE GENERAL POPULATION

	<i>P(self employed)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-2.088	-1.13	-5.112	-1.56
Personal characteristics				
Age/10	-0.151	-0.15	0.970	0.58
Age squared/100	0.037	0.28	0.080	0.34
Disabled	—	—	0.903	1.34
Disability which impedes employment	-0.201	-0.42	—	—
Skilled/unskilled vocational or finished secondary school	-0.083	-0.22	-0.624	-1.03
Degree or diploma	-0.132	-0.22	-1.487	-1.04
Received training in last year	0.165	0.38	-0.622	-1.32
Non-English speaking background	—	—	0.297	0.37
Immigrated after 1984	—	—	0.357	0.21
English proficiency less than good	—	—	0.566	0.47
Household characteristics				
Number of children	0.253	1.14	0.455	0.89
Age youngest child 0–5	-1.177	-1.80	-2.623	-1.53
Age youngest child 6–12	-0.425	-0.69	-1.706	-0.90
Single	-0.402	-0.38	—	—
Sharing with others	0.285	0.28	—	—
Geographical location				
Urban centre (not capital city)	0.350	0.86	1.297	1.59
Rural area	0.184	0.45	1.145	1.29
Victoria	-0.580	-1.16	1.179	1.05
Queensland	0.145	0.34	0.340	0.27
South Australia	0.121	0.20	1.137	0.92
Western Australia	0.156	0.34	-0.325	-0.31
Tasmania	-0.813	-0.98	-0.886	-0.81
Australian Capital Territory	-1.738	-2.07	1.030	0.32
Work history				
No. of years in paid work/10	—	—	-1.521	-1.83
Part-time work ₋₁	—	—	0.239	0.25
Out of the labour force ₋₁	1.770	3.04	1.310	0.77
Self employed ₋₁	3.428	9.57	-0.408	-0.29
Benefits₋₁	—	—	3.731	3.81
(De facto) spouse				
Log (income of spouse)/10	0.129	0.26	-0.185	-0.42
Benefit receipt of spouse	0.473	0.94	—	—
Change in income of spouse/1000	—	—	-0.446	-0.63
Change in benefit receipt of spouse (=chbre)	—	—	0.020	0.02
Spouse absent from labour force	-0.545	-0.70	—	—
Spouse unemployed	-0.416	-0.28	—	—
Spouse in part-time work	0.321	0.81	—	—
Increase labour supply spouse	0.340	0.59	-2.251	-1.09
Decrease labour supply spouse	0.333	0.48	—	—
Interaction variables				
Benefits ₋₁ *unemployment ₋₁	—	—	-0.525	-0.56
Benefits ₋₁ *part-time work ₋₁	—	—	-1.043	-0.73
Benefits ₋₁ *out of the labour force ₋₁	—	—	-1.397	-0.36
chinc* out of the labour force ₋₁	1.975	0.64	5.402	0.40
chbre* out of the labour force ₋₁	—	—	-1.282	-0.14
chbre* employed ₋₁	—	—	1.051	0.59
Correlation coefficient	0.379	0.27	..	..
number of observations	696	..	..	..
log likelihood	-156.84	..	..	..
restricted log likelihood	-480.33	..	..	..

MULTINOMIAL LOGIT MODEL OF MALE UNEMPLOYMENT, PART-TIME AND FULL-TIME WORK FOR THE GENERAL POPULATION

	<i>P(part time)</i>		<i>P(full time)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	7.843	2.15	4.604	1.84
Personal characteristics				
Age/10	-3.710	-1.86	-0.445	-0.34
Age squared/100	0.247	0.94	-0.112	-0.61
Disabled	-1.728	-1.49	-0.752	-1.06
Disability which impedes employment	0.496	0.39	-0.548	-0.68
Skilled/unskilled vocational or finished secondary school	-0.052	-0.07	0.458	0.93
Degree or diploma	0.553	0.52	0.970	1.35
Received training in last year	0.046	0.07	0.625	1.34
Household characteristics				
Number of children	0.069	0.12	-0.219	-0.61
Age youngest child 0-5	-0.028	-0.02	1.635	1.45
Age youngest child 6-12	-1.782	-0.95	1.729	1.45
Single	1.139	0.52	0.743	0.59
Sharing with others	0.700	0.32	0.767	0.58
Geographical location				
Urban centre (not capital city)	-1.369	-1.37	-0.137	-0.24
Rural area	0.413	0.45	0.245	0.36
Victoria	-0.246	-0.27	0.283	0.42
Queensland	-0.811	-0.74	-0.023	-0.03
South Australia	-1.464	-1.40	-1.625	-2.27
Western Australia	-0.986	-0.90	0.185	0.24
Tasmania	-0.664	-0.58	-0.195	-0.22
Australian Capital Territory	-0.292	-0.18	0.004	0.00
Work history				
No. of years in paid work/10	1.408	1.19	0.986	1.56
Unemployment ₋₁	-2.046	-1.49	-3.194	-4.27
Part-time work ₋₁	3.561	3.21	-0.529	-0.59
Out of the labour force ₋₁	-5.376	-0.81	-2.268	-1.93
Benefits₋₁				
(De facto) spouse				
Log (income of spouse)/10	0.835	0.80	0.700	1.15
Benefit receipt of spouse	-1.510	-0.96	-3.043	-2.90
Change in benefit receipt of spouse (=chbre)	-0.379	-0.21	1.046	0.73
Change in income of spouse + own business/property income/1000 (=chinc)	-3.154	-0.74	-0.385	-0.12
Spouse absent from labour force	0.535	0.31	3.090	2.90
Spouse unemployed	-0.431	-0.23	-0.270	-0.25
Spouse part time	0.059	0.05	1.659	0.59
Increase labour supply spouse	-0.078	-0.06	-0.891	-1.14
Decrease labour supply spouse	2.215	1.51	-0.371	-0.34
Interaction variables				
Benefits ₋₁ *unemployment ₋₁	3.275	1.70	1.541	1.15
chinc* (absent from labour force) ₋₁	-17.589	-1.10	-5.603	-0.64
chinc* (employed) ₋₁	4.420	1.05	0.842	0.27
chbre* (absent from labour force) ₋₁	11.286	1.32	0.210	0.07
chbre* (employed) ₋₁	-1.981	-0.90	-1.540	-0.92
number of observations	573	..	..	..
log likelihood	-159.72	..	..	..
restricted log likelihood	-302.84	..	..	..

BIVARIATE PROBIT MODEL OF MALE UNEMPLOYMENT AND BENEFIT RECEIPT FOR THE GENERAL POPULATION

	<i>P(unemployed)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-1.886	-2.70	-2.327	-2.40
Personal characteristics				
Disability which impedes employment	0.540	1.25	1.023	1.62
Skilled/unskilled vocational or finished secondary school	-0.197	-0.56	-0.240	-0.39
Degree or diploma	-0.197	-0.31	-0.064	-0.08
Received training in last year	-0.226	-0.58	-0.531	-1.03
Household characteristics				
Age youngest child 0-5	-0.912	-1.22	-2.241	-1.64
Age youngest child 6-12	-0.652	-0.74	-1.344	-0.89
Single	-0.748	-0.78	—	—
Sharing with others	-0.619	-0.59	—	—
Geographical location				
Urban centre (not capital city)	0.188	0.44	0.802	1.14
Rural area	-0.322	-0.48	0.687	1.03
Victoria	-0.109	-0.20	0.476	0.58
Queensland	0.160	0.29	-0.248	-0.23
South Australia	0.835	1.38	0.957	0.91
Western Australia	0.024	0.04	-0.216	-0.28
Tasmania	0.144	0.19	-0.302	-0.27
Australian Capital Territory	-0.024	-0.01	-0.006	0.00
Work history				
No. of years in paid work/10	0.138	0.71	—	—
Unemployment ₋₁	1.827	3.26	—	—
Part-time work ₋₁	0.059	0.07	—	—
Out of the labour force ₋₁	1.221	1.38	—	—
Benefits₋₁	1.130	1.37	2.591	4.03
(De facto) spouse				
Log (income of spouse)/10	-0.344	-0.58	—	—
Benefit receipt of spouse	1.507	1.63	1.527	0.82
Change in benefit receipt of spouse (=chbre)	-0.353	-0.40	-0.394	-0.28
Change in income of spouse + own business/property income/1000 (=chinc)	1.561	0.51	—	—
Spouse absent from labour force	-1.545	-1.72	-1.403	-0.76
Spouse unemployed	0.209	0.25	-1.797	-0.99
Spouse part time	-1.004	-1.41	-1.092	-0.74
Increase labour supply spouse	0.531	0.75	—	—
Interaction variables				
Benefits ₋₁ *unemployment ₋₁	-0.739	-0.71	—	—
chinc* (absent from labour force) ₋₁	-0.721	-0.17	—	—
chinc* (employed) ₋₁	-1.745	-0.57	—	—
chbre* (employed) ₋₁	0.259	0.19	—	—
Correlation coefficient	0.952	9.05	..	..
number of observations	573	..	..	..
log likelihood	-140.06	..	..	..
restricted log likelihood	-270.26	..	..	..

BIVARIATE PROBIT MODEL OF FEMALE LABOUR FORCE PARTICIPATION AND BENEFIT RECEIPT FOR JOBSEEKERS

	<i>P(labour force absence)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-0.661	-1.06	-1.153	-2.23
Personal characteristics				
Age/10	-0.528	-1.73	-0.313	-1.08
Age squared/100	0.082	2.02	0.038	0.92
Disability which impedes employment	0.499	4.72	0.331	2.71
Skilled/unskilled vocational or finished secondary school	-0.135	-1.38	0.003	0.04
Degree or diploma	-0.404	-2.27	-0.359	-2.25
Non-English speaking background	-0.077	-0.57	0.347	1.90
English proficiency not good	—	—	-0.240	-1.09
Received training in last year	-0.409	-3.44	-0.355	-3.56
Household characteristics				
Number of children	0.176	1.66	—	—
Number of children ₋₁	-0.310	-3.01	—	—
Employed ₋₁ *no. of children ₋₁	0.093	0.82	—	—
Age youngest child 0–5	0.536	2.94	0.619	3.87
Age youngest child 6–12	0.506	2.73	0.583	4.18
Newborn child	1.079	3.67	0.513	2.08
Single	-0.183	-0.67	0.843	5.27
Sharing with others	-0.535	-1.72	0.685	3.85
Geographical location				
Urban centre (not capital city)	-0.035	-0.31	0.129	1.19
Rural area	-0.099	-0.72	-0.139	-0.99
Work history				
No. of years in paid work/10	-0.080	-1.03	—	—
Unemployment ₋₁	0.786	2.84	-0.262	-1.64
Part-time work ₋₁	0.178	0.60	-0.456	-2.35
Out of the labour force ₋₁	1.817	6.29	-0.199	-0.99
Self employed ₋₁	-0.373	-0.72	-0.088	-0.24
Benefits₋₁	0.246	0.53	1.646	5.66
(De facto) spouse				
Log (income of spouse)/10	0.082	0.62	—	—
Benefit receipt of spouse	-0.201	-0.72	0.381	0.98
Change in income of spouse/1000 (=chinc)	0.191	0.61	0.408	0.98
Change in benefit receipt of spouse (=chbre)	0.125	0.47	0.119	0.45
Spouse is absent from labour force	0.307	1.04	-0.054	-0.12
Spouse is unemployed	-0.284	-0.83	0.138	0.35
Spouse is in part-time work	-0.201	-0.67	0.236	0.67
Increase labour supply spouse	0.148	0.68	0.136	0.54
Decrease labour supply spouse	0.018	0.07	-0.248	-0.95
Interaction variables				
Benefits ₋₁ *unemployment ₋₁	-0.513	-1.06	0.369	1.16
Benefits ₋₁ *part-time work ₋₁	-0.242	-0.42	0.337	0.93
Benefits ₋₁ *out of the labour force ₋₁	-0.097	-0.19	0.775	1.92
chinc* (absent from labour force) ₋₁	0.712	1.56	-0.243	-0.48
chinc* employed ₋₁	-0.314	-0.93	-0.191	-0.33
chbre* (absent from labour force) ₋₁	0.478	1.39	0.246	0.46
chbre* employed ₋₁	0.630	1.09	-0.095	-0.24
newborn* (absent from labour force) ₋₁	-1.381	-3.47	—	—
newborn* (employed) ₋₁	0.368	0.77	0.603	1.51
Correlation coefficient	0.21	2.94	..	..
number of observations	1 564	..	..	..
log likelihood	-1106.28	..	..	..
restricted log likelihood	-1843.49	..	..	..

BIVARIATE PROBIT MODEL OF FEMALE SELF EMPLOYMENT AND BENEFIT RECEIPT FOR JOBSEEKERS

	<i>P(self employed)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-4.033	-2.21	-1.585	-5.83
Personal characteristics				
Age/10	0.720	0.67	—	—
Age squared/100	-0.080	-0.59	—	—
Disabled	0.261	0.71	—	—
Disability which impedes employment	-0.470	-1.13	0.177	1.21
Skilled/unskilled vocational or finished secondary school	0.130	0.52	0.061	0.54
Degree or diploma	0.191	0.52	-0.309	-1.93
Received training in last year	—	—	-0.351	-3.22
Immigrated after 1984	-0.556	-1.30	—	—
English proficiency less than good	0.555	1.19	—	—
Household characteristics				
Number of children	0.096	0.69	0.171	2.96
Single	-1.050	-2.12	1.251	2.68
Sharing with others	-0.777	-1.47	0.929	2.01
Geographical location				
Urban centre (not capital city)	0.001	0.00	—	—
Rural area	0.238	0.72	—	—
Victoria	0.101	0.27	0.134	0.92
Queensland	0.480	1.35	-0.053	-0.31
South Australia	0.311	0.65	-0.152	-0.91
Western Australia	0.549	1.43	-0.138	-0.66
Tasmania	0.112	0.18	-0.273	-1.21
Australian Capital Territory	0.379	0.48	-0.178	-0.47
Work history				
No. of years in paid work/10	0.091	0.48	-0.100	-1.48
Unemployment ₋₁	0.508	1.07	-0.344	-1.97
Part-time work ₋₁	—	—	-0.411	-2.00
Absent from labour force ₋₁	0.693	1.35	-0.249	-0.88
Self employed ₋₁	2.571	6.23	0.086	0.20
Benefits₋₁	0.341	0.75	1.653	5.62
(de facto) spouse				
Log (income of spouse)/10	-0.416	-2.00	0.187	0.81
Benefit receipt of spouse	0.178	0.14	0.603	1.36
Change in income of spouse/1000 (=chinc)	-0.009	-0.02	0.273	0.69
Change in benefit receipt of spouse (=chbre)	0.553	0.77	-0.103	-0.37
Spouse absent from labour force	-0.649	-0.46	0.083	0.17
Spouse unemployed	-1.120	-0.69	0.103	0.22
Spouse in part-time work	-0.345	-0.24	0.452	1.06
Increase labour supply spouse	0.175	0.36	-0.087	-0.28
Decrease labour supply spouse	-0.396	-0.30	—	—
Interaction variables				
benefits ₋₁ * unemployment ₋₁	-0.238	-0.42	0.459	1.39
benefits ₋₁ * part-time work ₋₁	—	—	0.285	0.77
benefits ₋₁ * absent from labour force ₋₁	-0.410	-0.55	0.265	0.56
chinc *absent from labour force ₋₁	-0.444	-0.38	—	—
chinc *employed ₋₁	-0.346	-0.01	—	—
chbre * absent from labour force ₋₁	-0.665	-0.55	—	—
chbre * employed ₋₁	0.482	0.03	-0.153	-0.30
correlation coefficient	0.237	0.89	..	..
number of observations	1220	..	..	..
log likelihood	-591.31	..	..	..
restricted log likelihood	-1017.64	..	..	..

MULTINOMIAL LOGIT MODEL OF FEMALE UNEMPLOYMENT, PART-TIME AND FULL-TIME WORK FOR JOBSEEKERS

	<i>P(part time)</i>		<i>P(full time)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-0.608	-0.56	0.675	0.60
Personal characteristics				
Age/10	0.801	1.41	0.820	1.32
Age squared/100	-0.162	-2.05	-0.250	-2.81
Disabled	-0.115	-0.40	0.315	1.08
Disability which impedes employment	-0.391	-1.19	-0.865	-2.45
Skilled/unskilled vocational or finished secondary school	0.108	0.62	-0.085	-0.44
Degree or diploma	0.352	1.28	0.432	1.48
Received training in last year	0.558	3.13	1.062	5.69
Non-English background speaker	-0.719	-2.11	-0.135	-0.40
Immigrated after 1984	-0.412	-1.12	-0.397	-1.07
English proficiency less than good	0.117	0.27	0.454	1.05
Household characteristics				
Number of children	-0.012	-0.09	-0.054	-0.33
Age youngest child 0-5	0.349	1.03	-0.780	-1.97
Age youngest child 6-12	0.036	0.11	-1.214	-3.04
Newborn	-0.639	-1.07	-1.553	-1.39
Single	-0.535	-2.20	0.114	0.41
Sharing with others	-0.790	-2.56	-0.197	-0.61
Geographical location				
Urban centre (not capital city)	-0.192	-0.97	-0.412	-1.85
Rural area	0.356	1.41	0.114	0.40
Victoria	0.603	2.40	0.845	3.17
Queensland	0.589	2.26	0.732	2.59
South Australia	0.908	3.22	0.477	1.48
Western Australia	0.625	2.02	0.461	1.36
Tasmania	0.382	1.13	0.905	2.54
Australian Capital Territory	0.632	1.24	0.565	1.03
Work history				
No. of years in paid work/10	0.354	2.20	0.617	3.24
Unemployment ₋₁	-0.968	-2.94	-1.502	-5.06
Part-time work ₋₁	0.973	2.61	-0.374	-1.03
Out of the labour force ₋₁	-0.553	-1.26	-1.745	-3.42
Self employed ₋₁	-0.012	-0.02	-1.006	-1.12
Log (business/property income)/10	0.153	0.77	0.212	0.99
Benefits₋₁	-0.626	-0.95	-1.142	-1.88
(De facto) spouse				
Benefit receipt of spouse	-0.445	-0.90	-0.102	-0.15
Change in benefit receipt of spouse (=chbre)	-0.300	-0.72	-0.537	-1.15
Change in income of spouse + own business/property income/1000 (=chinc)	0.146	0.62	0.154	0.44
Spouse absent from labour force	0.298	0.51	-0.870	-0.98
Spouse unemployed	-0.545	-0.97	-0.921	-1.20
Spouse part time	0.465	0.86	-0.798	-1.02
Increase labour supply spouse	-0.540	-1.31	0.229	0.51
Decrease labour supply spouse	-0.106	-0.25	-0.215	-0.41
Interaction variables				
benefits ₋₁ * unemployment ₋₁	0.479	0.69	0.038	0.06
benefits ₋₁ * part-time work ₋₁	0.311	0.41	-0.709	-0.90
benefits ₋₁ * out of the labour force ₋₁	0.357	0.42	1.299	1.44
chinc *(absent from labour force) ₋₁	-1.961	-1.90	-1.659	-1.29
chinc *employed ₋₁	-0.357	-0.49	-1.193	-1.54
chbre * (absent from labour force) ₋₁	-1.516	-1.84	-0.483	-0.43
chbre * employed ₋₁	0.066	0.08	0.507	0.54
number of observations	1161	..	..	..
log likelihood	-976.89	..	..	..
restricted log likelihood	-1264.71	..	..	..

BIVARIATE PROBIT MODEL OF FEMALE UNEMPLOYMENT AND BENEFIT RECEIPT FOR JOBSEEKERS

	<i>P(unemployed)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-0.134	-0.27	-1.888	-4.86
Personal characteristics				
Age/10	-0.574	-1.97	—	—
Age squared/100	0.125	2.93	—	—
Disability which impedes employment	0.330	2.77	0.244	1.58
Skilled/unskilled vocational or finished secondary school	-0.030	-0.30	0.071	0.59
Degree or diploma	-0.240	-1.62	-0.466	-2.38
Received training in last year	-0.430	-4.55	-0.347	-3.10
English proficiency less than good	—	—	-0.208	-0.79
Non-English background speaker	0.185	1.18	0.299	1.42
Immigrated after 1984	0.213	1.15	—	—
Household characteristics				
Number of children	0.043	0.85	0.122	1.84
Newborn	0.401	0.84	0.481	0.66
Age youngest child 0-5	—	—	0.166	0.89
Single	—	—	1.383	2.71
Sharing with others	—	—	1.050	2.09
Geographical location				
Urban centre (not capital city)	0.169	1.54	0.085	0.62
Rural area	-0.126	-0.91	-0.217	-1.18
Victoria	-0.408	-3.08	0.110	0.71
Queensland	-0.434	-3.05	0.004	0.02
South Australia	-0.422	-2.78	-0.189	-1.01
Western Australia	-0.367	-2.10	-0.222	-0.99
Tasmania	-0.357	-1.86	-0.305	-1.25
Australian Capital Territory	-0.323	-1.16	-0.085	-0.20
Work history				
No. of years in paid work/10	-0.259	-2.88	-0.069	-0.91
Unemployment ₋₁	0.846	4.78	-0.342	-1.64
Part-time work ₋₁	-0.086	-0.42	-0.429	-1.83
Out of the labour force ₋₁	0.715	2.74	-0.156	-0.49
Self employed ₋₁	0.300	0.65	0.022	0.02
Benefits₋₁				
Log (business/property income)/10	-0.081	-0.75	-0.121	-0.73
(De facto) spouse				
Benefit receipt of spouse	—	—	0.226	0.88
Change in benefit receipt of spouse (=chbre)	0.050	0.15	0.567	1.16
Change in income of spouse + own business/property income/1000 (=chinc)	0.242	1.02	-0.244	-0.85
Spouse absent from labour force	-0.071	-0.46	0.389	0.86
Spouse unemployed	-0.069	-0.18	0.187	0.35
Spouse part time	0.385	1.11	0.250	0.50
Decrease labour supply spouse	-0.107	-0.31	0.446	0.96
Increase labour supply spouse	0.049	0.18	-0.060	-0.19
Interaction variables				
chinc *(absent from labour force) ₋₁	1.187	2.05	—	—
chinc *employed ₋₁	0.326	0.62	—	—
chbre * (absent from labour force) ₋₁	0.688	1.17	0.204	0.27
chbre * employed ₋₁	-0.235	-0.54	—	—
benefits ₋₁ * unemployment ₋₁	-0.312	-0.85	0.663	1.71
benefits ₋₁ * part-time work ₋₁	-0.229	-0.56	0.509	1.22
benefits ₋₁ * absent from labour force ₋₁	-0.616	-1.32	0.311	0.55
Newborn *employed ₋₁	—	—	1.329	1.53
Newborn *(absent from labour force) ₋₁	—	—	0.481	0.48
Correlation coefficient	0.603	11.63	..	..
number of observations	1161	..	..	..
log likelihood	-961.13	..	..	..
restricted log likelihood	-1439.09	..	..	..

BIVARIATE PROBIT MODEL OF MALE LABOUR FORCE PARTICIPATION AND BENEFIT RECEIPT FOR JOBSEEKERS

	<i>P(labour force absent)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-2.834	-3.72	-1.102	-2.55
Personal characteristics				
Age/10	-0.054	-0.16	-0.608	-2.92
Age squared/100	0.083	1.90	0.132	4.42
Disabled	-0.164	-0.59	—	—
Disability which impedes employment	0.929	3.40	0.363	4.25
Skilled/unskilled vocational or finished secondary school	0.007	0.06	-0.115	-1.48
Degree or diploma	-0.163	-0.76	-0.248	-1.85
Received training in last year	-0.140	-1.05	-0.235	-3.01
Non-English background speaker	-0.246	-0.98	-0.104	-0.75
Immigrated after 1984	-0.258	-0.83	-0.038	-0.23
English proficiency less than good	0.193	0.64	0.038	0.21
Household characteristics				
Number of children	0.123	0.97	0.078	1.42
Number of children ₋₁	-0.164	-1.29	—	—
Employed ₋₁ *no. of children ₋₁	0.055	0.31	—	—
Age youngest child 0–5	-0.144	-0.51	-0.189	-1.10
Age youngest child 6–12	-0.118	-0.40	-0.284	-1.67
Newborn	-0.644	-1.02	-0.454	-1.78
Single	0.658	1.04	1.196	4.56
Sharing with others	0.505	0.79	0.917	3.53
Geographical location				
Urban centre (not capital city)	0.010	0.08	0.056	0.63
Rural area	-0.196	-1.10	0.122	1.08
Victoria	0.055	0.31	-0.056	-0.49
Queensland & Northern Territory	-0.088	-0.47	-0.098	-0.82
South Australia	0.137	0.73	0.116	0.90
Western Australia	0.035	0.18	-0.185	-1.33
Tasmania	0.112	0.53	-0.138	-1.00
Australian Capital Territory	-0.247	-0.61	0.151	0.61
Work history				
No. of years in paid work/10	-0.403	-3.19	-0.229	-2.50
Unemployment ₋₁	0.745	2.99	-0.028	-0.22
Part-time work ₋₁	-0.180	-0.34	-0.010	-0.07
Out of the labour force ₋₁	1.993	6.44	0.027	0.12
Self employed ₋₁	0.240	0.58	0.050	0.24
Benefits₋₁	0.337	0.89	1.069	7.43
(De facto) spouse				
Log (business/property income)/10	0.128	0.42	0.031	0.20
Benefit receipt of spouse	0.598	1.48	0.699	2.52
Change in income of spouse/1000 (=chinc)	0.028	0.27	-0.002	-0.02
Change in benefit receipt of spouse (=chbre)	-0.296	-1.28	0.143	0.87
Spouse is absent from labour force	0.025	0.06	0.432	1.82
Spouse is unemployed	-0.662	-1.34	0.271	1.10
Spouse is in part time	-0.075	-0.17	0.111	0.47
Increase labour supply spouse	-0.339	-1.04	-0.055	-0.26
Decrease labour supply spouse	0.785	2.84	0.397	1.62

...continued

BIVARIATE PROBIT MODEL OF MALE LABOUR FORCE PARTICIPATION AND BENEFIT RECEIPT FOR
JOBSEEKERS—*continued*

	<i>P(labour force absent)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Interaction variables				
benefits ₋₁ * unemployment ₋₁	-0.783	-1.97	0.418	2.42
benefits ₋₁ * part-time work ₋₁	0.301	0.43	—	—
benefits ₋₁ * absent from labour force ₋₁	-0.566	-1.18	0.655	1.92
chinc *(absent from labour force) ₋₁	2.288	1.40	4.047	1.54
chinc *employed ₋₁	2.046	0.96	1.146	1.41
chbre * (absent from labour force) ₋₁	—	—	-0.671	-0.90
chbre * employed ₋₁	0.221	0.33	0.333	0.98
Newborn *(absent from labour force) ₋₁	0.183	0.21	—	—
Newborn *employed ₋₁	—	—	0.781	1.76
Correlation coefficient	0.337	4.6	..	..
number of observations	1883	..	..	..
log likelihood	-1323.32	..	..	..
restricted log likelihood	-1892.17	..	..	..

BIVARIATE PROBIT MODEL OF MALE SELF EMPLOYMENT AND BENEFIT RECEIPT FOR JOBSEEKERS

	<i>P(self employed)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-6.012	-5.64	-0.998	-2.17
Personal characteristics				
Age/10	2.134	3.73	-0.670	-2.95
Age squared/100	-0.259	-3.35	0.141	4.38
Disabled	0.070	0.23	-0.040	-0.28
Disability which impedes employment	-0.227	-0.65	0.374	2.35
Skilled/unskilled vocational or finished secondary school	0.065	0.37	-0.097	-1.16
Degree or diploma	0.029	0.11	-0.304	-2.10
Received training in last year	-0.075	-0.45	-0.221	-2.68
Non-English background speaker	—	—	-0.097	-0.63
Immigrated after 1984	0.479	1.98	-0.049	-0.29
English proficiency less than good	—	—	0.125	0.64
Household characteristics				
Number of children	-0.048	-0.37	0.069	1.20
Age youngest child 0–5	0.340	0.85	-0.221	-1.19
Age youngest child 6–12	0.149	0.39	-0.333	-1.84
Newborn	—	—	-0.418	-1.64
Single	-0.624	-1.45	1.154	4.14
Sharing with others	-0.647	-1.54	0.906	3.29
Geographical location				
Urban centre (not capital city)	0.015	0.08	0.054	0.57
Rural area	0.149	0.60	0.189	1.55
Victoria	0.169	0.70	-0.040	-0.33
Queensland & Northern Territory	0.252	1.05	-0.112	-0.88
South Australia	0.239	0.89	0.162	1.19
Western Australia	-0.071	-0.25	-0.183	-1.24
Tasmania	-0.288	-0.76	-0.126	-0.87
Australian Capital Territory	0.695	1.75	0.138	0.51
Work history				
No. of years in paid work/10	—	—	-0.252	-2.50
Unemployment ₋₁	0.527	2.01	-0.152	-1.13
Part-time work ₋₁	0.453	1.13	-0.057	-0.27
Out of the labour force ₋₁	0.709	1.56	0.222	0.70
Self employed ₋₁	2.532	8.23	0.046	0.19
Benefits₋₁	0.144	0.40	1.011	5.36
(De facto) spouse				
Log (income of spouse)/10	-0.208	-1.14	0.038	0.23
Benefit receipt of spouse	—	—	0.596	2.02
Change in income of spouse/1000 (=chinc)	0.067	0.15	-0.007	-0.08
Change in benefit receipt of spouse (=chbre)	0.040	0.14	0.208	1.22
Spouse absent from labour force	-0.638	-2.06	0.527	2.00
Spouse unemployed	-0.459	-1.04	0.412	1.53
Spouse in part-time work	0.075	0.30	0.200	0.79
Increase labour supply spouse	0.231	0.80	0.030	0.13
Decrease labour supply spouse	-0.060	-0.13	0.307	1.13
Interaction variables				
benefits ₋₁ * unemployment ₋₁	-0.470	-1.13	0.592	2.72
benefits ₋₁ * part-time work ₋₁	-0.870	-1.07	0.115	0.38
benefits ₋₁ * out of the labour force ₋₁	-0.164	-0.22	0.252	0.52
chinc *out of the labour force ₋₁	—	—	4.748	1.47
chinc *employed ₋₁	0.735	0.78	0.836	1.06
chbre * out of the from labour force ₋₁	-1.128	-1.20	—	—
chbre * employed ₋₁	0.225	0.40	0.306	0.89
Newborn *employed ₋₁	—	—	0.765	1.73
Correlation coefficient	-0.157	-1.2	..	..
number of observations	1684	..	..	..
log likelihood	-1051.65	..	..	..
restricted log likelihood	-1547.72	..	..	..

MULTINOMIAL LOGIT MODEL OF MALE UNEMPLOYMENT, PART-TIME AND FULL-TIME WORK JOBSEEKERS

	<i>P(part time)</i>		<i>P(full time)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	1.187	1.09	1.061	1.34
Personal characteristics				
Age/10	-0.773	-1.44	0.923	2.25
Age squared/100	0.067	0.89	-0.278	-4.60
Disabled	-0.868	-2.21	-0.267	-1.17
Disability which impedes employment	0.571	1.37	-0.666	-2.45
Skilled/unskilled vocational or finished secondary school	0.234	1.22	0.201	1.42
Degree or diploma	0.233	0.70	0.604	2.49
Received training in last year	0.312	1.61	0.591	4.12
Non-English background speaker	0.590	1.81	0.539	2.03
Immigrated after 1984	-0.079	-0.20	0.098	0.33
English proficiency less than good	-0.957	-2.23	-0.814	-2.40
Household characteristics				
Number of children	-0.054	-0.37	0.059	0.57
Age youngest child 0-5	0.350	0.79	0.155	0.47
Age youngest child 6-12	0.552	1.32	0.526	1.69
Newborn	-0.287	-0.42	-0.081	-0.17
Single	-1.165	-1.50	-1.707	-3.03
Sharing with others	-1.405	-1.80	-1.296	-2.32
Geographical location				
Urban centre (not capital city)	-0.300	-1.34	-0.341	-2.07
Rural area	-0.263	-0.97	-0.286	-1.40
Victoria	0.041	0.15	0.190	0.95
Queensland	0.012	0.04	0.123	0.56
South Australia	-0.073	-0.24	-0.287	-1.22
Western Australia	0.012	0.04	0.295	1.22
Tasmania	-0.109	-0.30	0.445	1.73
Australian Capital Territory	-1.339	-1.98	-0.554	-1.28
Work history				
No. of years in paid work/10	0.194	0.76	0.864	4.27
Unemployment ₋₁	-1.151	-3.30	-1.384	-6.59
Part-time work ₋₁	0.914	2.21	-0.630	-1.93
Out of the labour force ₋₁	-1.710	-1.54	-1.596	-3.10
Self employed ₋₁	0.539	0.75	-0.761	-1.34
Benefits₋₁	-1.417	-2.09	-1.310	-3.85
(De facto) spouse				
Log (income of spouse)/10	-0.518	-1.38	-0.514	-2.00
Benefit receipt of spouse	0.898	1.54	-0.263	-0.63
Change in income of spouse + own business/property income/1000 (=chinc)	-0.494	-1.33	-0.778	-2.90
Spouse absent from labour force	0.009	0.04	-0.060	-0.48
Spouse unemployed	-1.125	-1.95	-0.364	-0.83
Spouse part-time	-1.110	-1.76	-0.397	-0.82
Increase labour supply spouse	-0.376	-0.71	-0.060	-0.15
Decrease labour supply spouse	-0.079	-0.16	0.444	1.18
Interaction variables				
benefits ₋₁ * unemployment ₋₁	1.590	2.19	0.008	0.02
benefits ₋₁ * part-time work ₋₁	1.480	1.86	0.546	1.03
benefits ₋₁ * out of the labour force ₋₁	1.783	1.18	-0.330	-0.37
chinc *(absent from labour force) ₋₁	-0.589	-0.10	-3.580	-1.12
chinc *employed ₋₁	0.397	0.41	0.087	0.19
chbre * (absent from labour force) ₋₁	-0.365	-0.13	1.093	0.57
Newborn *employed ₋₁	-1.122	-0.86	-0.288	-0.32
number of observations	1569	..	..	..
log likelihood	-1194.95	..	..	..
restricted log likelihood	-1515.58	..	..	..

BIVARIATE PROBIT MODEL OF MALE UNEMPLOYMENT AND BENEFIT RECEIPT FOR JOBSEEKERS

	<i>P(unemployed)</i>		<i>P(receiving a benefit)</i>	
	<i>coefficient</i>	<i>t-ratio</i>	<i>coefficient</i>	<i>t-ratio</i>
Constant	-1.285	-2.90	-1.412	-2.91
Personal characteristics				
Age/10	-0.155	-0.71	-0.474	-2.03
Age squared/100	0.087	2.81	0.120	3.62
Disabled	0.230	1.82	—	—
Disability which impedes employment	0.166	1.11	0.372	3.81
Skilled/unskilled vocational or finished secondary school	-0.132	-1.67	-0.082	-0.96
Degree or diploma	-0.312	-2.20	-0.306	-2.03
Received training in last year	-0.297	-3.63	-0.238	-2.79
Non-English background speaker	-0.338	-2.20	-0.077	-0.51
English proficiency less than good	0.526	2.86	0.120	0.60
Household characteristics				
Number of children	-0.015	-0.26	0.096	1.54
Age youngest child 0-5	-0.069	-0.38	-0.302	-1.54
Age youngest child 6-12	-0.257	-1.50	-0.435	-2.26
Newborn	0.080	0.33	-0.328	-1.26
Single	0.907	3.09	1.091	4.13
Sharing with others	0.783	2.70	0.870	3.32
Geographical location				
Urban centre (not capital city)	0.196	2.13	0.080	0.81
Rural area	0.166	1.40	0.171	1.32
Victoria	-0.086	-0.75	-0.047	-0.38
Queensland	-0.043	-0.35	-0.053	-0.40
South Australia	0.132	1.00	0.187	1.34
Western Australia	-0.139	-1.01	-0.205	-1.37
Tasmania	-0.146	-1.00	-0.149	-0.99
Australian Capital Territory	0.468	1.69	0.116	0.42
Work history				
No. of years in paid work/10	-0.375	-3.57	-0.271	-2.55
Unemployment ₋₁	0.842	6.40	-0.081	-0.57
Part-time work ₋₁	0.230	1.24	-0.043	-0.18
Out of the labour force ₋₁	1.003	3.16	0.385	1.59
Self employed ₋₁	0.341	0.92	-0.642	-1.16
Benefits ₋₁	0.791	3.81	1.058	5.58
(De facto) spouse				
Log (income of spouse)/10	0.290	2.19	—	—
Benefit receipt of spouse	-0.062	-0.26	0.477	1.91
Change in benefit receipt spouse (=chbre)	0.372	2.51	0.282	1.69
Change in income of spouse + own business/property income/1000 (=chinc)	0.027	0.33	-0.041	-0.50
Spouse absent from labour force	0.313	1.22	0.611	2.16
Spouse unemployed	0.335	1.19	0.484	1.67
Spouse part-time	0.073	0.32	0.305	1.09
Decrease labour supply spouse	0.307	1.28	0.390	1.43
Increase labour supply spouse	-0.217	-0.98	0.196	0.75
Interaction variables				
chinc *(absent from labour force) ₋₁	1.921	1.22	3.132	0.90
chinc *employed ₋₁	—	—	0.424	0.56
chbre * (absent from labour force) ₋₁	-0.503	-0.48	—	—
chbre *(employed) ₋₁	—	—	0.312	0.99
benefits ₋₁ * unemployment ₋₁	-0.223	-0.97	0.533	2.44
benefits ₋₁ * part-time work ₋₁	-0.557	-1.88	0.091	0.28
benefits ₋₁ * out of the labour force ₋₁	-0.109	-0.25	—	—
Newborn *employed ₋₁	0.213	0.47	0.707	1.55
Correlation coefficient	0.668	20.10	..	..
number of observations	1569	..	..	..
log likelihood	-1480.42	..	..	..
restricted log likelihood	-1917.34	..	..	..