

**Supplementary Table 1.** Generalized linear model for scores on subscales of the SF-36

	Role limitation, physical				Role limitation, emotional				Social function				Bodily pain				Total mental health				Total physical health			
	B	95% CI		p	B	95% CI		p	B	95% CI		p	B	95% CI		p	B	95% CI		p	B	95% CI		p
		lower	upper			lower	upper			lower	upper			lower	upper			lower	upper			lower	upper	
Age	-1.27	-2.03	-0.51	0.001	-0.457	-1.10	0.19	0.166	-0.371	-1.05	0.31	0.286	-1.291	-1.96	-0.62	0.000	-0.205	-0.67	0.26	0.387	-1.229	-1.80	-0.66	0.000
Sex																								
Male	Referent				Referent				Referent				Referent				Referent				Referent			
Female	-9.66	-22.26	2.95	0.133	-6.089	-16.88	4.70	0.269	-5.810	-17.17	5.55	0.316	-12.430	-23.64	-1.23	.0300	-6.682	-14.43	1.07	0.091	-12.640	-22.10	-3.19	0.009
Educational level																								
≤6	Referent				Referent				Referent				Referent				Referent				Referent			
7 to 11	2.61	-9.33	14.56	0.668	-1.198	-11.42	9.02	0.818	2.040	-8.73	12.81	0.710	2.119	-8.50	12.74	0.696	-2.528	-9.84	4.79	0.498	4.036	-4.92	12.99	0.377
12	10.48	-1.95	22.91	0.099	1.633	-9.01	12.27	0.764	-0.265	-11.47	10.95	0.963	11.195	0.14	22.25	0.047	-1.152	-8.77	6.46	0.767	7.872	-1.46	17.20	0.098
>12	10.19	-5.51	25.90	0.203	-0.884	-14.33	12.56	0.897	-6.530	-20.69	7.63	0.366	4.424	-9.54	18.39	0.535	-3.087	-12.84	6.67	0.535	6.742	-5.04	18.52	0.262
Income																								
Over 5,000	Referent				Referent				Referent				Referent				Referent				Referent			
3,000 to 5,000	-9.15	-28.69	10.39	0.359	-0.152	-16.87	16.57	0.986	-2.612	-20.23	15.00	0.771	0.833	-16.54	18.20	0.925	-1.291	-13.26	10.68	0.833	-2.907	-17.56	11.75	0.697
2,000 to 1,000	3.53	-16.17	23.23	0.726	0.379	-16.48	17.24	0.965	0.179	-17.58	17.94	0.984	10.933	-6.58	28.45	0.221	.479	-11.71	12.67	0.939	3.390	-11.39	18.17	0.653
Under 1,000	0.78	-17.74	19.31	0.934	-7.046	-22.90	8.80	0.384	2.924	-13.77	19.62	0.731	10.929	-5.54	27.39	0.193	-1.772	-13.13	9.58	0.760	5.449	-8.44	19.34	0.442
None	0.35	-18.27	18.97	0.971	-11.462	-27.40	4.47	0.159	-6.881	-23.67	9.91	0.422	11.200	-5.35	27.75	0.185	-7.382	-18.81	4.04	0.205	1.320	-12.65	15.29	0.853
Marriage																								
Married	Referent				Referent				Referent				Referent				Referent				Referent			
Bereavement	0.84	-9.68	11.36	0.875	2.031	-6.97	11.03	0.658	-3.075	-12.56	6.41	0.525	0.900	-8.45	10.25	0.850	1.301	-5.14	7.74	0.692	3.122	-4.77	11.01	0.438
Employment																								
Not employed	Referent				Referent				Referent				Referent				Referent				Referent			
Employed	5.37	-10.00	20.74	0.493	0.260	-12.89	13.41	0.969	3.713	-10.14	17.57	0.599	-1.041	-14.70	12.62	0.881	-1.932	-11.38	7.51	0.688	-0.364	-11.89	11.16	0.951
Intensity of grandchild care																								
Daytime during weekday	Referent				Referent				Referent				Referent				Referent				Referent			
Full time during weekday	11.25	-3.22	25.71	0.128	8.409	-3.97	20.79	0.183	13.082	0.04	26.12	0.049	12.196	-0.66	25.05	0.063	8.627	-0.23	17.49	0.560	13.785	2.94	24.64	0.013
Only weekend	-6.14	-34.65	22.36	0.673	1.132	-23.26	25.53	0.928	6.970	-18.73	32.67	0.595	-7.861	-33.20	17.48	0.543	-1.846	-19.32	15.62	0.836	1.411	-19.97	22.79	0.897
Always	3.88	-7.51	15.26	0.504	1.669	-8.07	11.41	0.737	2.963	-7.30	13.23	0.572	5.399	-4.72	15.52	0.296	1.231	-5.75	8.22	0.730	4.719	-3.82	13.26	0.279
Etc	5.10	-17.99	28.19	0.665	9.881	-9.88	29.64	0.327	6.302	-14.52	27.12	0.553	11.303	-9.23	31.83	0.281	11.342	-2.82	25.51	0.117	9.417	-7.91	26.74	0.287
Financial support																								
No	Referent				Referent				Referent				Referent				Referent				Referent			
Yes	7.38	-1.91	16.66	0.119	7.797	-0.15	15.74	0.054	5.095	-3.28	13.47	0.233	2.582	-5.67	10.84	0.540	3.821	-1.87	9.51	0.188	1.665	-5.30	8.63	0.639

SF-36: the Medical Outcome Survey (MOS) 36-item short-form health survey