

Variable/ADL&IADL	Dressing			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	2.069216	2.070928	0.999	0.31876
Degree of disability	-0.169648	0.029846	-5.684	<0.0001
Age of onset	0.010637	0.003703	2.872	0.00446
Duration of disease	0.006459	0.004235	1.525	0.12856
Hearing impairment	0.415803	0.246773	1.685	0.09335
Physical disability	-0.430357	0.155282	-2.771	0.00604
Encephalopathy	0.103671	0.456948	0.227	0.82072
Renal disorders	-0.032424	0.417715	-0.078	0.9382
Respiratory disorders	0.526308	0.713905	0.737	0.46174
Epilepsy	0.031659	0.583604	0.054	0.95679
Hypertension	-0.17868	0.09604	-1.86	0.0641
Brain stroke	-0.066008	0.269548	-0.245	0.80676
Myocardial infarction	0.31083	0.25494	1.219	0.22401
Angina	-0.031394	0.250078	-0.126	0.90021
Hyperlipidemia	-0.147174	0.143276	-1.027	0.3054
Diabetes mellitus	-0.108003	0.099193	-1.089	0.27737
Thyroid disorders	-0.45717	0.268228	-1.704	0.08966
Asthma	-0.293372	0.291723	-1.006	0.31564
Pulmonary disorders	-0.534959	0.381091	-1.404	0.16174
Duodenal ulcer	-0.064197	0.270396	-0.237	0.81254
Hepatitis B	-1.48223	0.71812	-2.064	0.04014
Liver cirrhosis	0.255952	0.51414	0.498	0.61908
Renal failure	-0.254965	0.433043	-0.589	0.55659
Osteoarthritis	0.133814	0.142559	0.939	0.34889
Rheumatoid arthritis	-0.22422	0.32638	-0.687	0.49278
Osteoporosis	-0.066677	0.171732	-0.388	0.69818
Scoliosis	1.086879	0.727173	1.495	0.13637
Chronic pain	0.301463	0.219297	1.375	0.17057
Dermatitis	0.945289	0.779429	1.213	0.22645
Cataract	0.078163	0.219008	0.357	0.7215
Depression	-0.090659	0.231699	-0.391	0.69595
Sleep disorders	-0.384496	0.255073	-1.507	0.13308
Cancer	-0.4174	0.333514	-1.252	0.21202

Variable/ADL&IADL	Bathing			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.279115	2.348299	0.119	0.905491
Degree of disability	-0.178746	0.033843	-5.282	<0.0001
Age of onset	0.015835	0.004199	3.771	0.000207
Duration of disease	0.011812	0.004802	2.46	0.014641
Hearing impairment	0.579995	0.279824	2.073	0.039313
Physical disability	-0.569571	0.17608	-3.235	0.001397
Encephalopathy	0.151713	0.51815	0.293	0.769941
Renal disorders	0.189738	0.473662	0.401	0.689103
Respiratory disorders	0.619868	0.809522	0.766	0.444628
Epilepsy	0.100178	0.66177	0.151	0.879809
Hypertension	-0.266769	0.108904	-2.45	0.015049
Brain stroke	-0.122925	0.30565	-0.402	0.687929
Myocardial infarction	0.240985	0.289085	0.834	0.405365
Angina	-0.133177	0.283573	-0.47	0.639058
Hyperlipidemia	-0.006072	0.162466	-0.037	0.970218
Diabetes mellitus	-0.138097	0.112478	-1.228	0.22079
Thyroid disorders	-0.243982	0.304153	-0.802	0.423283
Asthma	-0.223403	0.330795	-0.675	0.500132
Pulmonary disorders	-0.393838	0.432133	-0.911	0.363049
Duodenal ulcer	0.036574	0.306611	0.119	0.905154
Hepatitis B	-1.271301	0.814302	-1.561	0.119848
Liver cirrhosis	0.349579	0.583002	0.6	0.549351
Renal failure	-0.11823	0.491043	-0.241	0.809946
Osteoarthritis	0.211594	0.161652	1.309	0.19186
Rheumatoid arthritis	-0.397592	0.370094	-1.074	0.283815
Osteoporosis	-0.432649	0.194733	-2.222	0.027274
Scoliosis	1.455668	0.824567	1.765	0.078828
Chronic pain	0.351755	0.248668	1.415	0.158551
Dermatitis	1.568753	0.883823	1.775	0.077227
Cataract	0.090411	0.248341	0.364	0.716147
Depression	-0.30207	0.262732	-1.15	0.251451
Sleep disorders	-0.33147	0.289237	-1.146	0.25298
Cancer	-0.559696	0.378183	-1.48	0.140252

Variable/ADL&IADL	Mouth care			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.441001	1.881772	0.234	0.814919
Degree of disability	-0.106553	0.02712	-3.929	0.000113
Age of onset	0.010379	0.003365	3.084	0.002289
Duration of disease	0.00784	0.003848	2.037	0.042754
Hearing impairment	0.534721	0.224233	2.385	0.017906
Physical disability	-0.322778	0.141099	-2.288	0.02307
Encephalopathy	0.032781	0.415211	0.079	0.937142
Renal disorders	0.189521	0.379561	0.499	0.618034
Respiratory disorders	0.342175	0.648697	0.527	0.598368
Epilepsy	0.112523	0.530298	0.212	0.832149
Hypertension	-0.121469	0.087268	-1.392	0.165298
Brain stroke	-0.124276	0.244928	-0.507	0.61236
Myocardial infarction	0.241678	0.231654	1.043	0.297918
Angina	-0.231276	0.227237	-1.018	0.309853
Hyperlipidemia	0.077786	0.130189	0.597	0.550773
Diabetes mellitus	-0.057131	0.090132	-0.634	0.526802
Thyroid disorders	-0.638141	0.243728	-2.618	0.009425
Asthma	-0.356719	0.265078	-1.346	0.17972
Pulmonary disorders	-0.38421	0.346283	-1.11	0.268361
Duodenal ulcer	0.215614	0.245698	0.878	0.3811
Hepatitis B	0.36551	0.652527	0.56	0.575926
Liver cirrhosis	0.156823	0.467179	0.336	0.737419
Renal failure	-0.14281	0.39349	-0.363	0.716989
Osteoarthritis	0.192115	0.129538	1.483	0.139421
Rheumatoid arthritis	-0.585586	0.296569	-1.975	0.049517
Osteoporosis	-0.073157	0.156046	-0.469	0.639644
Scoliosis	0.796577	0.660754	1.206	0.229226
Chronic pain	0.2533	0.199266	1.271	0.204954
Dermatitis	0.710146	0.708237	1.003	0.317062
Cataract	0.165903	0.199004	0.834	0.405336
Depression	-0.276986	0.210536	-1.316	0.18961
Sleep disorders	-0.416799	0.231775	-1.798	0.073442
Cancer	-0.360072	0.303051	-1.188	0.235997

Variable/ADL&IADL	Swallowing			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	-0.005914	1.631202	-0.004	0.99711
Degree of disability	-0.072328	0.023509	-3.077	0.00235
Age of onset	0.006509	0.002917	2.231	0.02662
Duration of disease	0.001824	0.003336	0.547	0.58511
Hearing impairment	0.309622	0.194375	1.593	0.11255
Physical disability	-0.16631	0.122311	-1.36	0.17525
Encephalopathy	0.125809	0.359923	0.35	0.727
Renal disorders	0.173589	0.32902	0.528	0.59829
Respiratory disorders	0.252011	0.562319	0.448	0.65446
Epilepsy	0.128549	0.459686	0.28	0.78
Hypertension	-0.086746	0.075648	-1.147	0.25269
Brain stroke	-0.293044	0.212314	-1.38	0.16885
Myocardial infarction	0.357838	0.200808	1.782	0.07607
Angina	-0.2008	0.196979	-1.019	0.30908
Hyperlipidemia	-0.00262	0.112854	-0.023	0.9815
Diabetes mellitus	-0.035236	0.078131	-0.451	0.65242
Thyroid disorders	-0.052643	0.211274	-0.249	0.80345
Asthma	-0.316088	0.229781	-1.376	0.17028
Pulmonary disorders	-0.527355	0.300173	-1.757	0.08028
Duodenal ulcer	0.228203	0.212982	1.071	0.28508
Hepatitis B	0.107122	0.565639	0.189	0.84996
Liver cirrhosis	0.163166	0.404971	0.403	0.68739
Renal failure	-0.094615	0.341094	-0.277	0.78173
Osteoarthritis	0.120507	0.112289	1.073	0.28431
Rheumatoid arthritis	-0.173524	0.257079	-0.675	0.50036
Osteoporosis	-0.099804	0.135268	-0.738	0.46137
Scoliosis	0.509019	0.57277	0.889	0.37509
Chronic pain	0.110877	0.172733	0.642	0.52158
Dermatitis	0.777249	0.613931	1.266	0.20679
Cataract	0.153672	0.172506	0.891	0.37395
Depression	-0.146202	0.182502	-0.801	0.4239
Sleep disorders	-0.302996	0.200913	-1.508	0.1329
Cancer	-0.079793	0.262698	-0.304	0.7616

Variable/ADL&IADL	Eating			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	2.403235	2.071273	1.16	0.24714
Degree of disability	-0.144597	0.029851	-4.844	<0.0001
Age of onset	0.010397	0.003704	2.807	0.00543
Duration of disease	0.008479	0.004235	2.002	0.04647
Hearing impairment	0.631779	0.246814	2.56	0.01112
Physical disability	-0.228048	0.155308	-1.468	0.14337
Encephalopathy	0.003079	0.457024	0.007	0.99463
Renal disorders	-0.067086	0.417784	-0.161	0.87257
Respiratory disorders	0.460058	0.714024	0.644	0.52001
Epilepsy	0.158922	0.583701	0.272	0.78566
Hypertension	-0.117735	0.096056	-1.226	0.22157
Brain stroke	-0.022621	0.269593	-0.084	0.9332
Myocardial infarction	0.186102	0.254982	0.73	0.46622
Angina	-0.1551	0.25012	-0.62	0.5358
Hyperlipidemia	-0.095195	0.1433	-0.664	0.50716
Diabetes mellitus	-0.087243	0.099209	-0.879	0.38011
Thyroid disorders	-0.516215	0.268272	-1.924	0.05556
Asthma	-0.368201	0.291772	-1.262	0.20825
Pulmonary disorders	-0.354289	0.381154	-0.93	0.3536
Duodenal ulcer	0.312622	0.270441	1.156	0.24889
Hepatitis B	0.513886	0.718239	0.715	0.47504
Liver cirrhosis	0.201306	0.514226	0.391	0.69581
Renal failure	-0.082629	0.433115	-0.191	0.84887
Osteoarthritis	0.158958	0.142582	1.115	0.26608
Rheumatoid arthritis	-0.754593	0.326434	-2.312	0.02168
Osteoporosis	-0.126061	0.171761	-0.734	0.46374
Scoliosis	0.777531	0.727294	1.069	0.28616
Chronic pain	0.312314	0.219333	1.424	0.15582
Dermatitis	-1.197487	0.779559	-1.536	0.12589
Cataract	0.077806	0.219045	0.355	0.72276
Depression	-0.315988	0.231738	-1.364	0.17404
Sleep disorders	-0.31245	0.255116	-1.225	0.22193
Cancer	-0.516467	0.333569	-1.548	0.12292

Variable/ADL&IADL	Changing position while lying down			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	3.631959	1.4846274	2.446	0.01518
Degree of disability	-0.0651443	0.0213961	-3.045	0.0026
Age of onset	0.0055326	0.0026548	2.084	0.03826
Duration of disease	-0.0001128	0.0030359	-0.037	0.9704
Hearing impairment	0.1723903	0.1769088	0.974	0.33085
Physical disability	-0.1930271	0.1113204	-1.734	0.08426
Encephalopathy	0.052384	0.3275815	0.16	0.87309
Renal disorders	0.0854721	0.2994555	0.285	0.77558
Respiratory disorders	0.1726221	0.5117911	0.337	0.73621
Epilepsy	0.1238015	0.4183799	0.296	0.76757
Hypertension	-0.1450675	0.0688504	-2.107	0.0362
Brain stroke	-0.154144	0.1932361	-0.798	0.42587
Myocardial infarction	-0.0919683	0.1827637	-0.503	0.6153
Angina	-0.0524549	0.1792787	-0.293	0.7701
Hyperlipidemia	0.001473	0.102713	0.014	0.98857
Diabetes mellitus	-0.0152936	0.0711102	-0.215	0.8299
Thyroid disorders	-0.1304106	0.1922898	-0.678	0.49833
Asthma	-0.3625985	0.2091335	-1.734	0.08429
Pulmonary disorders	-0.5370807	0.2732003	-1.966	0.05051
Duodenal ulcer	0.0438358	0.1938439	0.226	0.82129
Hepatitis B	0.0293218	0.5148128	0.057	0.95463
Liver cirrhosis	0.0957355	0.3685821	0.26	0.7953
Renal failure	-0.016162	0.3104443	-0.052	0.95853
Osteoarthritis	0.0803009	0.1021989	0.786	0.43283
Rheumatoid arthritis	-0.4383518	0.2339786	-1.873	0.06227
Osteoporosis	0.0082998	0.1231132	0.067	0.94631
Scoliosis	0.5120767	0.5213028	0.982	0.32698
Chronic pain	-0.0701875	0.1572117	-0.446	0.65569
Dermatitis	-1.5040107	0.5587651	-2.692	0.00763
Cataract	0.1227293	0.1570049	0.782	0.4352
Depression	-0.301229	0.1661028	-1.814	0.07106
Sleep disorders	-0.1683727	0.1828593	-0.921	0.35813
Cancer	-0.016541	0.2390925	-0.069	0.9449

Variable/ADL&IADL	Changing seat			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	4.366807	1.560323	2.799	0.005567
Degree of disability	-0.088881	0.022487	-3.953	0.000103
Age of onset	0.007668	0.00279	2.748	0.006465
Duration of disease	0.00247	0.003191	0.774	0.439589
Hearing impairment	0.319918	0.185929	1.721	0.08666
Physical disability	-0.187144	0.116996	-1.6	0.111065
Encephalopathy	0.03315	0.344284	0.096	0.923376
Renal disorders	0.146163	0.314724	0.464	0.642789
Respiratory disorders	0.265468	0.537885	0.494	0.622102
Epilepsy	0.160698	0.439712	0.365	0.715102
Hypertension	-0.110409	0.072361	-1.526	0.128431
Brain stroke	-0.105612	0.203088	-0.52	0.603544
Myocardial infarction	0.008584	0.192082	0.045	0.964395
Angina	-0.189281	0.188419	-1.005	0.316159
Hyperlipidemia	0.113848	0.10795	1.055	0.292699
Diabetes mellitus	-0.069009	0.074736	-0.923	0.356778
Thyroid disorders	-0.43315	0.202094	-2.143	0.033138
Asthma	-0.337487	0.219796	-1.535	0.126048
Pulmonary disorders	-0.466744	0.28713	-1.626	0.105415
Duodenal ulcer	0.05526	0.203727	0.271	0.786447
Hepatitis B	-0.879342	0.541061	-1.625	0.105486
Liver cirrhosis	0.17478	0.387375	0.451	0.652276
Renal failure	-0.025682	0.326273	-0.079	0.937328
Osteoarthritis	0.088133	0.10741	0.821	0.412761
Rheumatoid arthritis	-0.415327	0.245908	-1.689	0.092584
Osteoporosis	0.002087	0.12939	0.016	0.987145
Scoliosis	0.56369	0.547882	1.029	0.304629
Chronic pain	0.055593	0.165227	0.336	0.736827
Dermatitis	-1.440935	0.587254	-2.454	0.014883
Cataract	0.081784	0.16501	0.496	0.620629
Depression	-0.386638	0.174572	-2.215	0.027756
Sleep disorders	-0.147464	0.192183	-0.767	0.443684
Cancer	-0.353615	0.251283	-1.407	0.160706

Variable/ADL&IADL	Keeping position while seating			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	4.08E+00	1.59E+00	2.573	0.0107
Degree of disability	-7.28E-02	2.29E-02	-3.186	0.00164
Age of onset	4.72E-03	2.84E-03	1.665	0.09735
Duration of disease	3.99E-04	3.24E-03	0.123	0.90212
Hearing impairment	1.90E-01	1.89E-01	1.006	0.31544
Physical disability	-2.73E-01	1.19E-01	-2.293	0.02278
Encephalopathy	6.68E-02	3.50E-01	0.191	0.84873
Renal disorders	1.16E-01	3.20E-01	0.363	0.71701
Respiratory disorders	2.06E-01	5.47E-01	0.378	0.70607
Epilepsy	1.11E-01	4.47E-01	0.248	0.80451
Hypertension	-1.18E-01	7.35E-02	-1.605	0.10987
Brain stroke	-1.36E-01	2.06E-01	-0.657	0.51193
Myocardial infarction	-9.64E-02	1.95E-01	-0.494	0.62189
Angina	-6.07E-02	1.91E-01	-0.317	0.7514
Hyperlipidemia	9.92E-02	1.10E-01	0.904	0.36687
Diabetes mellitus	-5.96E-02	7.60E-02	-0.784	0.43358
Thyroid disorders	-2.16E-01	2.05E-01	-1.052	0.29405
Asthma	-3.57E-01	2.23E-01	-1.596	0.11186
Pulmonary disorders	-4.54E-01	2.92E-01	-1.555	0.12137
Duodenal ulcer	2.43E-02	2.07E-01	0.117	0.90664
Hepatitis B	-8.94E-01	5.50E-01	-1.626	0.10524
Liver cirrhosis	1.38E-01	3.94E-01	0.349	0.72709
Renal failure	5.36E-02	3.32E-01	0.162	0.87173
Osteoarthritis	1.25E-01	1.09E-01	1.141	0.25489
Rheumatoid arthritis	-2.64E-01	2.50E-01	-1.055	0.29254
Osteoporosis	3.55E-02	1.32E-01	0.27	0.7876
Scoliosis	5.80E-01	5.57E-01	1.042	0.29828
Chronic pain	-1.42E-01	1.68E-01	-0.848	0.39757
Dermatitis	-1.50E+00	5.97E-01	-2.519	0.01243
Cataract	3.45E-02	1.68E-01	0.206	0.83701
Depression	-0.2147644	0.1774224	-1.21	0.22734
Sleep disorders	-0.1011347	0.1953208	-0.518	0.6051
Cancer	0.0405422	0.2553861	0.159	0.87401

Variable/ADL&IADL	Walking			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	1.956036	2.917081	0.671	0.5032
Degree of disability	-0.262798	0.04204	-6.251	<0.0001
Age of onset	0.007328	0.005216	1.405	0.1614
Duration of disease	0.005917	0.005965	0.992	0.3222
Hearing impairment	0.009953	0.347601	0.029	0.9772
Physical disability	-0.315508	0.218729	-1.442	0.1505
Encephalopathy	0.200925	0.643651	0.312	0.7552
Renal disorders	-0.595491	0.588387	-1.012	0.3126
Respiratory disorders	1.034957	1.005597	1.029	0.3045
Epilepsy	0.385863	0.822057	0.469	0.6392
Hypertension	-0.197287	0.135281	-1.458	0.1461
Brain stroke	0.079866	0.379681	0.21	0.8336
Myocardial infarction	-0.21621	0.359105	-0.602	0.5477
Angina	0.349719	0.352257	0.993	0.3219
Hyperlipidemia	0.02921	0.201816	0.145	0.885
Diabetes mellitus	-0.066551	0.139721	-0.476	0.6343
Thyroid disorders	-0.260664	0.377822	-0.69	0.4909
Asthma	-0.199496	0.410917	-0.485	0.6278
Pulmonary disorders	-0.31993	0.5368	-0.596	0.5518
Duodenal ulcer	0.174167	0.380876	0.457	0.6479
Hepatitis B	-0.816051	1.011534	-0.807	0.4206
Liver cirrhosis	0.456235	0.724211	0.63	0.5293
Renal failure	-0.221918	0.609979	-0.364	0.7163
Osteoarthritis	0.418727	0.200806	2.085	0.0382
Rheumatoid arthritis	-0.704651	0.459735	-1.533	0.1267
Osteoporosis	-0.447775	0.2419	-1.851	0.0654
Scoliosis	1.366979	1.024286	1.335	0.1833
Chronic pain	0.207083	0.308899	0.67	0.5033
Dermatitis	-0.340898	1.097894	-0.311	0.7565
Cataract	0.05637	0.308492	0.183	0.8552
Depression	-0.126723	0.326368	-0.388	0.6982
Sleep disorders	-0.046672	0.359293	-0.13	0.8968
Cancer	-0.062089	0.469783	-0.132	0.895

Variable/ADL&IADL	Moving			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.345771	3.187462	0.108	0.9137
Degree of disability	-0.312018	0.045937	-6.792	<0.0001
Age of onset	0.006352	0.0057	1.114	0.2663
Duration of disease	0.007082	0.006518	1.087	0.2784
Hearing impairment	0.114595	0.379819	0.302	0.7631
Physical disability	-0.256531	0.239002	-1.073	0.2842
Encephalopathy	0.26388	0.70331	0.375	0.7079
Renal disorders	-0.715495	0.642924	-1.113	0.2669
Respiratory disorders	1.397875	1.098804	1.272	0.2046
Epilepsy	0.478897	0.898252	0.533	0.5944
Hypertension	-0.039197	0.14782	-0.265	0.7911
Brain stroke	0.284714	0.414874	0.686	0.4932
Myocardial infarction	-0.226392	0.392389	-0.577	0.5645
Angina	0.400153	0.384907	1.04	0.2996
Hyperlipidemia	0.113648	0.220522	0.515	0.6068
Diabetes mellitus	-0.04081	0.152672	-0.267	0.7895
Thyroid disorders	-0.067556	0.412842	-0.164	0.8702
Asthma	-0.058914	0.449005	-0.131	0.8957
Pulmonary disorders	-0.135141	0.586555	-0.23	0.818
Duodenal ulcer	0.368367	0.416178	0.885	0.377
Hepatitis B	-0.497376	1.105292	-0.45	0.6531
Liver cirrhosis	0.142435	0.791338	0.18	0.8573
Renal failure	0.012907	0.666517	0.019	0.9846
Osteoarthritis	0.239677	0.219419	1.092	0.2758
Rheumatoid arthritis	-0.339176	0.502347	-0.675	0.5002
Osteoporosis	-0.505216	0.264321	-1.911	0.0572
Scoliosis	1.450727	1.119226	1.296	0.1962
Chronic pain	0.251061	0.33753	0.744	0.4577
Dermatitis	-0.317968	1.199656	-0.265	0.7912
Cataract	-0.118578	0.337086	-0.352	0.7253
Depression	0.060606	0.356619	0.17	0.8652
Sleep disorders	0.170432	0.392595	0.434	0.6646
Cancer	-0.544334	0.513326	-1.06	0.2901

Variable/ADL&IADL	Defecation			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	1.955935	1.583826	1.235	0.218112
Degree of disability	-0.08412	0.022826	-3.685	0.000285
Age of onset	0.010651	0.002832	3.761	0.000215
Duration of disease	0.007046	0.003239	2.175	0.03062
Hearing impairment	0.373179	0.188729	1.977	0.0492
Physical disability	-0.312999	0.118759	-2.636	0.00897
Encephalopathy	0.063971	0.34947	0.183	0.854919
Renal disorders	-0.161277	0.319464	-0.505	0.614158
Respiratory disorders	0.308103	0.545988	0.564	0.573097
Epilepsy	0.186396	0.446335	0.418	0.676619
Hypertension	-0.050237	0.073451	-0.684	0.494695
Brain stroke	-0.239822	0.206148	-1.163	0.245893
Myocardial infarction	0.255059	0.194975	1.308	0.192125
Angina	-0.204405	0.191258	-1.069	0.286306
Hyperlipidemia	0.084602	0.109576	0.772	0.440857
Diabetes mellitus	-0.083988	0.075862	-1.107	0.269398
Thyroid disorders	-0.329561	0.205138	-1.607	0.109529
Asthma	-0.327701	0.223107	-1.469	0.143252
Pulmonary disorders	-0.394246	0.291455	-1.353	0.177485
Duodenal ulcer	0.203237	0.206796	0.983	0.326744
Hepatitis B	0.202618	0.549211	0.369	0.712523
Liver cirrhosis	0.219821	0.39321	0.559	0.576676
Renal failure	-0.167478	0.331187	-0.506	0.61356
Osteoarthritis	0.190441	0.109028	1.747	0.082021
Rheumatoid arthritis	-0.304623	0.249612	-1.22	0.223569
Osteoporosis	-0.002244	0.131339	-0.017	0.986385
Scoliosis	0.707992	0.556135	1.273	0.204283
Chronic pain	0.149991	0.167716	0.894	0.372089
Dermatitis	-1.318879	0.5961	-2.213	0.027914
Cataract	0.169626	0.167496	1.013	0.312258
Depression	-0.362559	0.177201	-2.046	0.041891
Sleep disorders	-0.119642	0.195078	-0.613	0.54028
Cancer	-0.011737	0.255068	-0.046	0.96334

Variable/ADL&IADL	Urination			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.305879	3.137229	0.097	0.9224
Degree of disability	-0.396416	0.045213	-8.768	<0.0001
Age of onset	0.009361	0.00561	1.669	0.0966
Duration of disease	0.0129	0.006415	2.011	0.0455
Hearing impairment	0.877286	0.373834	2.347	0.0198
Physical disability	-0.232304	0.235236	-0.988	0.3244
Encephalopathy	0.520262	0.692226	0.752	0.4531
Renal disorders	0.249708	0.632792	0.395	0.6935
Respiratory disorders	0.813948	1.081488	0.753	0.4524
Epilepsy	0.270279	0.884096	0.306	0.7601
Hypertension	-0.077382	0.145491	-0.532	0.5953
Brain stroke	0.307676	0.408335	0.753	0.4519
Myocardial infarction	-0.279482	0.386206	-0.724	0.47
Angina	0.210822	0.378842	0.556	0.5784
Hyperlipidemia	0.096169	0.217047	0.443	0.6581
Diabetes mellitus	-0.182419	0.150266	-1.214	0.226
Thyroid disorders	-0.137676	0.406336	-0.339	0.7351
Asthma	0.075065	0.441929	0.17	0.8653
Pulmonary disorders	-0.05947	0.577311	-0.103	0.918
Duodenal ulcer	-0.154512	0.40962	-0.377	0.7064
Hepatitis B	0.123442	1.087873	0.113	0.9098
Liver cirrhosis	-0.051817	0.778867	-0.067	0.947
Renal failure	0.010954	0.656013	0.017	0.9867
Osteoarthritis	0.115092	0.215961	0.533	0.5946
Rheumatoid arthritis	0.228065	0.49443	0.461	0.645
Osteoporosis	-0.399387	0.260156	-1.535	0.1261
Scoliosis	1.82665	1.101587	1.658	0.0986
Chronic pain	0.109169	0.332211	0.329	0.7427
Dermatitis	-0.870958	1.18075	-0.738	0.4615
Cataract	-0.489217	0.331774	-1.475	0.1417
Depression	-0.341499	0.350999	-0.973	0.3316
Sleep disorders	0.258857	0.386408	0.67	0.5036
Cancer	-0.659898	0.505237	-1.306	0.1928

Variable/ADL&IADL	Using telephone			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	-1.161382	2.729266	-0.426	0.67085
Degree of disability	-0.290626	0.039334	-7.389	<0.0001
Age of onset	0.015014	0.00488	3.076	0.00235
Duration of disease	0.017895	0.005581	3.206	0.00153
Hearing impairment	0.578757	0.325221	1.78	0.07646
Physical disability	-0.181175	0.204646	-0.885	0.37691
Encephalopathy	0.113203	0.60221	0.188	0.85106
Renal disorders	0.263377	0.550504	0.478	0.6328
Respiratory disorders	1.281664	0.940852	1.362	0.17446
Epilepsy	0.719638	0.769129	0.936	0.35043
Hypertension	0.017269	0.126571	0.136	0.8916
Brain stroke	0.021028	0.355236	0.059	0.95285
Myocardial infarction	0.391398	0.335984	1.165	0.24525
Angina	0.017141	0.329577	0.052	0.95857
Hyperlipidemia	-0.046481	0.188822	-0.246	0.80578
Diabetes mellitus	-0.132923	0.130725	-1.017	0.31031
Thyroid disorders	-0.099882	0.353496	-0.283	0.77777
Asthma	0.032607	0.384461	0.085	0.93249
Pulmonary disorders	-0.471029	0.502238	-0.938	0.3493
Duodenal ulcer	-0.537206	0.356353	-1.508	0.13305
Hepatitis B	0.482955	0.946407	0.51	0.61033
Liver cirrhosis	0.134102	0.677583	0.198	0.84329
Renal failure	0.326761	0.570706	0.573	0.5675
Osteoarthritis	0.460298	0.187877	2.45	0.01503
Rheumatoid arthritis	-0.204498	0.430135	-0.475	0.63493
Osteoporosis	-0.67068	0.226325	-2.963	0.00336
Scoliosis	1.317211	0.958338	1.374	0.17063
Chronic pain	0.540302	0.28901	1.869	0.06283
Dermatitis	-0.997465	1.027206	-0.971	0.33255
Cataract	0.060397	0.28863	0.209	0.83444
Depression	-0.564637	0.305355	-1.849	0.06572
Sleep disorders	-0.015553	0.33616	-0.046	0.96314
Cancer	-0.250766	0.439536	-0.571	0.56888

Variable/ADL&IADL	Shopping			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	-1.04995	2.978611	-0.352	0.7248
Degree of disability	-0.372489	0.042927	-8.677	<0.0001
Age of onset	0.010564	0.005326	1.983	0.0485
Duration of disease	0.014873	0.006091	2.442	0.0154
Hearing impairment	0.82101	0.354933	2.313	0.0216
Physical disability	0.014364	0.223342	0.064	0.9488
Encephalopathy	0.213604	0.657228	0.325	0.7455
Renal disorders	0.121612	0.600798	0.202	0.8398
Respiratory disorders	0.638636	1.026808	0.622	0.5346
Epilepsy	1.117138	0.839397	1.331	0.1845
Hypertension	-0.011029	0.138135	-0.08	0.9364
Brain stroke	-0.117203	0.38769	-0.302	0.7627
Myocardial infarction	0.126267	0.366679	0.344	0.7309
Angina	0.067054	0.359687	0.186	0.8523
Hyperlipidemia	-0.069937	0.206073	-0.339	0.7346
Diabetes mellitus	-0.143809	0.142668	-1.008	0.3145
Thyroid disorders	0.121865	0.385791	0.316	0.7524
Asthma	-0.016992	0.419585	-0.04	0.9677
Pulmonary disorders	-0.220972	0.548122	-0.403	0.6872
Duodenal ulcer	-0.064146	0.388909	-0.165	0.8691
Hepatitis B	-0.071078	1.03287	-0.069	0.9452
Liver cirrhosis	0.782487	0.739487	1.058	0.2911
Renal failure	0.577544	0.622845	0.927	0.3548
Osteoarthritis	0.268257	0.205042	1.308	0.1921
Rheumatoid arthritis	-0.450373	0.469432	-0.959	0.3384
Osteoporosis	-0.563274	0.247002	-2.28	0.0235
Scoliosis	1.374709	1.045891	1.314	0.19
Chronic pain	0.111478	0.315414	0.353	0.7241
Dermatitis	-0.568722	1.121052	-0.507	0.6124
Cataract	0.158953	0.314999	0.505	0.6143
Depression	-0.632913	0.333252	-1.899	0.0588
Sleep disorders	0.148569	0.366871	0.405	0.6859
Cancer	-0.520771	0.479692	-1.086	0.2788

Variable/ADL&IADL	Cooking			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	2.405734	2.895186	0.831	0.4069
Degree of disability	-0.378146	0.041725	-9.063	<0.0001
Age of onset	0.006728	0.005177	1.3	0.1951
Duration of disease	0.006054	0.00592	1.023	0.3076
Hearing impairment	0.580349	0.344992	1.682	0.0939
Physical disability	-0.331554	0.217087	-1.527	0.1281
Encephalopathy	0.22688	0.63882	0.355	0.7228
Renal disorders	-0.164237	0.583971	-0.281	0.7788
Respiratory disorders	0.590372	0.998048	0.592	0.5547
Epilepsy	0.258182	0.815887	0.316	0.752
Hypertension	-0.166617	0.134266	-1.241	0.2159
Brain stroke	-0.06017	0.376831	-0.16	0.8733
Myocardial infarction	-0.301196	0.356409	-0.845	0.3989
Angina	0.221194	0.349613	0.633	0.5276
Hyperlipidemia	0.008395	0.200301	0.042	0.9666
Diabetes mellitus	-0.163852	0.138673	-1.182	0.2386
Thyroid disorders	-0.181154	0.374986	-0.483	0.6295
Asthma	-0.032485	0.407833	-0.08	0.9366
Pulmonary disorders	-0.248288	0.53277	-0.466	0.6416
Duodenal ulcer	-0.257877	0.378017	-0.682	0.4958
Hepatitis B	-0.253167	1.003941	-0.252	0.8011
Liver cirrhosis	-0.18877	0.718775	-0.263	0.7931
Renal failure	0.709795	0.6054	1.172	0.2422
Osteoarthritis	0.365863	0.199299	1.836	0.0677
Rheumatoid arthritis	-0.23879	0.456284	-0.523	0.6012
Osteoporosis	-0.600199	0.240084	-2.5	0.0131
Scoliosis	0.785076	1.016597	0.772	0.4408
Chronic pain	0.355647	0.30658	1.16	0.2472
Dermatitis	-0.428876	1.089653	-0.394	0.6942
Cataract	-0.204772	0.306177	-0.669	0.5043
Depression	0.041636	0.323919	0.129	0.8978
Sleep disorders	0.022569	0.356596	0.063	0.9496
Cancer	-0.260167	0.466256	-0.558	0.5774

Variable/ADL&IADL	Cleaning house			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	2.451085	2.946736	0.832	0.4064
Degree of disability	-0.362671	0.042468	-8.54	<0.0001
Age of onset	0.009095	0.005269	1.726	0.0857
Duration of disease	0.006624	0.006026	1.099	0.2728
Hearing impairment	0.547974	0.351134	1.561	0.12
Physical disability	-0.356078	0.220952	-1.612	0.1084
Encephalopathy	0.067579	0.650194	0.104	0.9173
Renal disorders	-0.255389	0.594369	-0.43	0.6678
Respiratory disorders	0.533247	1.015819	0.525	0.6001
Epilepsy	0.784668	0.830414	0.945	0.3457
Hypertension	-0.174342	0.136657	-1.276	0.2033
Brain stroke	-0.145427	0.383541	-0.379	0.7049
Myocardial infarction	-0.270131	0.362755	-0.745	0.4572
Angina	0.316428	0.355838	0.889	0.3748
Hyperlipidemia	-0.02577	0.203868	-0.126	0.8995
Diabetes mellitus	-0.196062	0.141142	-1.389	0.1661
Thyroid disorders	-0.305127	0.381663	-0.799	0.4248
Asthma	-0.056063	0.415095	-0.135	0.8927
Pulmonary disorders	-0.347178	0.542257	-0.64	0.5226
Duodenal ulcer	-0.293352	0.384748	-0.762	0.4466
Hepatitis B	-0.391934	1.021817	-0.384	0.7017
Liver cirrhosis	0.346894	0.731574	0.474	0.6358
Renal failure	0.606035	0.61618	0.984	0.3264
Osteoarthritis	0.352444	0.202848	1.737	0.0836
Rheumatoid arthritis	-0.554286	0.464408	-1.194	0.2339
Osteoporosis	-0.353688	0.244359	-1.447	0.1491
Scoliosis	0.803514	1.034699	0.777	0.4382
Chronic pain	0.290966	0.312039	0.932	0.3521
Dermatitis	-0.603069	1.109055	-0.544	0.5871
Cataract	-0.169077	0.311628	-0.543	0.588
Depression	0.039753	0.329686	0.121	0.9041
Sleep disorders	-0.106403	0.362945	-0.293	0.7697
Cancer	-0.260763	0.474558	-0.549	0.5832

Variable/ADL&IADL	Doing laundry			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.915736	2.959548	0.309	0.7573
Degree of disability	-0.367954	0.042652	-8.627	<0.0001
Age of onset	0.012062	0.005292	2.279	0.0236
Duration of disease	0.010301	0.006052	1.702	0.0901
Hearing impairment	0.62932	0.352661	1.784	0.0757
Physical disability	-0.446071	0.221913	-2.01	0.0456
Encephalopathy	0.057171	0.653021	0.088	0.9303
Renal disorders	0.095132	0.596953	0.159	0.8735
Respiratory disorders	1.574128	1.020236	1.543	0.1242
Epilepsy	0.758035	0.834024	0.909	0.3644
Hypertension	-0.175879	0.137251	-1.281	0.2013
Brain stroke	-0.086381	0.385209	-0.224	0.8228
Myocardial infarction	-0.241794	0.364332	-0.664	0.5076
Angina	0.246767	0.357385	0.69	0.4906
Hyperlipidemia	0.049882	0.204754	0.244	0.8077
Diabetes mellitus	-0.228728	0.141755	-1.614	0.108
Thyroid disorders	-0.276322	0.383322	-0.721	0.4717
Asthma	-0.035891	0.4169	-0.086	0.9315
Pulmonary disorders	-0.273412	0.544614	-0.502	0.6161
Duodenal ulcer	-0.285582	0.38642	-0.739	0.4606
Hepatitis B	-0.298585	1.02626	-0.291	0.7714
Liver cirrhosis	0.394678	0.734754	0.537	0.5917
Renal failure	0.658901	0.618859	1.065	0.2881
Osteoarthritis	0.420882	0.20373	2.066	0.04
Rheumatoid arthritis	-0.681803	0.466427	-1.462	0.1452
Osteoporosis	-0.29394	0.245421	-1.198	0.2323
Scoliosis	0.962561	1.039197	0.926	0.3553
Chronic pain	0.101077	0.313395	0.323	0.7474
Dermatitis	-0.656264	1.113877	-0.589	0.5563
Cataract	-0.216036	0.312983	-0.69	0.4907
Depression	-0.023444	0.33112	-0.071	0.9436
Sleep disorders	-0.080691	0.364523	-0.221	0.825
Cancer	-0.470162	0.476622	-0.986	0.325

Variable/ADL&IADL	Managing medications			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	3.098006	2.498077	1.24	0.21618
Degree of disability	-0.216171	0.036002	-6.004	<0.0001
Age of onset	0.011925	0.004467	2.67	0.00814
Duration of disease	0.011956	0.005108	2.341	0.02011
Hearing impairment	0.411851	0.297672	1.384	0.16783
Physical disability	-0.176075	0.187311	-0.94	0.3482
Encephalopathy	0.184927	0.551198	0.335	0.73755
Renal disorders	0.246049	0.503873	0.488	0.62579
Respiratory disorders	0.874546	0.861155	1.016	0.31091
Epilepsy	0.387817	0.703978	0.551	0.58224
Hypertension	-0.042461	0.11585	-0.367	0.71431
Brain stroke	-0.285524	0.325145	-0.878	0.38078
Myocardial infarction	0.215192	0.307523	0.7	0.48479
Angina	-0.022094	0.30166	-0.073	0.94168
Hyperlipidemia	-0.242937	0.172828	-1.406	0.16117
Diabetes mellitus	-0.102749	0.119652	-0.859	0.39138
Thyroid disorders	-0.29772	0.323552	-0.92	0.35845
Asthma	-0.109244	0.351894	-0.31	0.7565
Pulmonary disorders	-0.604105	0.459695	-1.314	0.19011
Duodenal ulcer	-0.445402	0.326167	-1.366	0.17341
Hepatitis B	-1.033568	0.866239	-1.193	0.23403
Liver cirrhosis	-0.07548	0.620187	-0.122	0.90324
Renal failure	0.115578	0.522363	0.221	0.82509
Osteoarthritis	0.370889	0.171963	2.157	0.03206
Rheumatoid arthritis	-0.440759	0.393699	-1.12	0.26408
Osteoporosis	-0.33074	0.207154	-1.597	0.11173
Scoliosis	1.008053	0.877159	1.149	0.25166
Chronic pain	0.174669	0.264529	0.66	0.50972
Dermatitis	-1.387985	0.940195	-1.476	0.14124
Cataract	0.05307	0.264181	0.201	0.84097
Depression	-0.134672	0.279489	-0.482	0.63037
Sleep disorders	0.183421	0.307684	0.596	0.55167
Cancer	-0.37291	0.402304	-0.927	0.35493

Variable/ADL&IADL	Managing finances			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	-1.161382	2.729266	-0.426	0.67085
Degree of disability	-0.290626	0.039334	-7.389	<0.0001
Age of onset	0.015014	0.00488	3.076	0.00235
Duration of disease	0.017895	0.005581	3.206	0.00153
Hearing impairment	0.578757	0.325221	1.78	0.07646
Physical disability	-0.181175	0.204646	-0.885	0.37691
Encephalopathy	0.113203	0.60221	0.188	0.85106
Renal disorders	0.263377	0.550504	0.478	0.6328
Respiratory disorders	1.281664	0.940852	1.362	0.17446
Epilepsy	0.719638	0.769129	0.936	0.35043
Hypertension	0.017269	0.126571	0.136	0.8916
Brain stroke	0.021028	0.355236	0.059	0.95285
Myocardial infarction	0.391398	0.335984	1.165	0.24525
Angina	0.017141	0.329577	0.052	0.95857
Hyperlipidemia	-0.046481	0.188822	-0.246	0.80578
Diabetes mellitus	-0.132923	0.130725	-1.017	0.31031
Thyroid disorders	-0.099882	0.353496	-0.283	0.77777
Asthma	0.032607	0.384461	0.085	0.93249
Pulmonary disorders	-0.471029	0.502238	-0.938	0.3493
Duodenal ulcer	-0.537206	0.356353	-1.508	0.13305
Hepatitis B	0.482955	0.946407	0.51	0.61033
Liver cirrhosis	0.134102	0.677583	0.198	0.84329
Renal failure	0.326761	0.570706	0.573	0.5675
Osteoarthritis	0.460298	0.187877	2.45	0.01503
Rheumatoid arthritis	-0.204498	0.430135	-0.475	0.63493
Osteoporosis	-0.67068	0.226325	-2.963	0.00336
Scoliosis	1.317211	0.958338	1.374	0.17063
Chronic pain	0.540302	0.28901	1.869	0.06283
Dermatitis	-0.997465	1.027206	-0.971	0.33255
Cataract	0.060397	0.28863	0.209	0.83444
Depression	-0.564637	0.305355	-1.849	0.06572
Sleep disorders	-0.015553	0.33616	-0.046	0.96314
Cancer	-0.250766	0.439536	-0.571	0.56888

Variable/ADL&IADL	Using public transportation			
Variable	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	0.305879	3.137229	0.097	0.9224
Degree of disability	-0.396416	0.045213	-8.768	<0.0001
Age of onset	0.009361	0.00561	1.669	0.0966
Duration of disease	0.0129	0.006415	2.011	0.0455
Hearing impairment	0.877286	0.373834	2.347	0.0198
Physical disability	-0.232304	0.235236	-0.988	0.3244
Encephalopathy	0.520262	0.692226	0.752	0.4531
Renal disorders	0.249708	0.632792	0.395	0.6935
Respiratory disorders	0.813948	1.081488	0.753	0.4524
Epilepsy	0.270279	0.884096	0.306	0.7601
Hypertension	-0.077382	0.145491	-0.532	0.5953
Brain stroke	0.307676	0.408335	0.753	0.4519
Myocardial infarction	-0.279482	0.386206	-0.724	0.47
Angina	0.210822	0.378842	0.556	0.5784
Hyperlipidemia	0.096169	0.217047	0.443	0.6581
Diabetes mellitus	-0.182419	0.150266	-1.214	0.226
Thyroid disorders	-0.137676	0.406336	-0.339	0.7351
Asthma	0.075065	0.441929	0.17	0.8653
Pulmonary disorders	-0.05947	0.577311	-0.103	0.918
Duodenal ulcer	-0.154512	0.40962	-0.377	0.7064
Hepatitis B	0.123442	1.087873	0.113	0.9098
Liver cirrhosis	-0.051817	0.778867	-0.067	0.947
Renal failure	0.010954	0.656013	0.017	0.9867
Osteoarthritis	0.115092	0.215961	0.533	0.5946
Rheumatoid arthritis	0.228065	0.49443	0.461	0.645
Osteoporosis	-0.399387	0.260156	-1.535	0.1261
Scoliosis	1.82665	1.101587	1.658	0.0986
Chronic pain	0.109169	0.332211	0.329	0.7427
Dermatitis	-0.870958	1.18075	-0.738	0.4615
Cataract	-0.489217	0.331774	-1.475	0.1417
Depression	-0.341499	0.350999	-0.973	0.3316
Sleep disorders	0.258857	0.386408	0.67	0.5036
Cancer	-0.659898	0.505237	-1.306	0.1928