

**Appendix C: Marginal Effects, Standard Errors and P-values of a Heteroskedastic Probit Model Predicting Six Month Mortality, 2001 (n=37,489)**

Independent Variables*	Marginal Effect	Robust Standard Error <sup>^</sup>	P value
Facility average wait time in days (ref <26.00 days) <sup>~</sup>			
26.00-28.59 days	0.0041	0.0040	0.300
28.60-31.99 days	0.0028	0.0037	0.438
32.00-40.99 days	0.0092	0.0043	0.033
>=41.00 days	0.0077	0.0043	0.070
Facility average mortality rate per 1000 <sup>‡</sup>	0.0009	0.0004	0.049
Female (ref=male)	-0.0127	0.0041	0.002
Age	0.0017	0.0002	<0.001
Preventable hospitalization (ref=no) <sup>†</sup>	0.0216	0.0049	<0.001
>=50% service connected disability (ref=no)	0.0112	0.0031	<0.001
Charlson Index	0.0025	0.0005	<0.001
Cancer (ref=no)	0.0147	0.0041	<0.001
Endocrine disease (ref=no)	0.0070	0.0031	0.026
Heart disease (ref=no)	0.0003	0.0031	0.926
Neurological disease (ref=no)	0.0237	0.0035	<0.001
Psychiatric disease (ref=no)	0.0080	0.0039	0.036
Pulmonary disease (ref=no)	0.0208	0.0050	<0.001
Sensory disease (ref=no)	-0.0020	0.0035	0.572
Other disease (ref=no)	0.0135	0.0047	0.004
Number of disease categories	-0.0027	0.0026	0.303
Natural log of number of observations per clinic	-0.0040	0.0013	0.002
Likelihood ratio test of heteroskedacity	$\chi^2=9.84$ , degrees of freedom=1; $P=0.002$		
Joint test of significance for wait time dummy variables>=32 days	$\chi^2=7.73$ , degrees of freedom =2; $P=0.021$		

\*Muscular disease was dropped due to collinearity with the other disease categories.

<sup>^</sup>Standard errors were adjusted for clustering on parent station

<sup>~</sup>Wait times for each facility between July and September 2001 were averaged together.

<sup>‡</sup> Mortality rates in each facility between October and December 2000 were averaged together

<sup>†</sup>Patients who had a preventable hospitalization or were diagnosed with each of the diseases within a year before his or her first geriatric clinic in FY2001 were categorized as yes.