

**Table 4. Multivariate adjusted ORs and 95% CI for care needs levels deteriorating**

<i>Lower care needs level group</i>		
Variable	Adjusted OR	95% CI
Gender		
Female	1.09	0.63-1.91
Age	1.04*	1.01-1.08
Baseline care needs level	0.89	0.60-1.31
Respite stay in a nursing home	2.55*	1.43-4.56
Number of kinds of care services used	1.33*	1.02-1.74
Goodness-of-fit statistics: $\chi^2=11.15$ ; $p=0.23^\dagger$ , c-statistic=0.69		
<i>Higher care needs level group</i>		
Variable	Adjusted OR	95%CI
Gender		
Female	1.76	0.48-7.47
Age	0.99	0.94-1.06
Baseline care needs level	0.16*	0.03-0.53
Visiting nurse	4.65	0.99-19.98
Health daycare	3.01	0.63-13.53
Medical management by a physician	6.99*	1.42-41.25
Goodness -of- fit statistics: $\chi^2=1.43$ ; $p=0.99^\dagger$ , c-statistic=0.83		
* $p<0.05$		
† Hosmer-Lemeshow test		