

ADDITIONAL FILE 5

**Additional General Estimating Equations (final, fully adjusted model), using variables of
a) the assessment conducted previously to the assessment including the oral/dental
issues variable and b) the admission assessment**

Parameter	Previous Assessment			Admission Assessment		
	Est.	95% CI	P	Est.	95% CI	P
Assessment 2	Reference			Reference		
Assessment 3	0.987	0.741-1.313	0.926	1.167	0.906-1.504	0.231
Assessment 4	0.871	0.554-1.369	0.549	1.156	0.762-1.753	0.495
Assessment 5	0.561	0.251-1.255	0.159	1.090	0.518-2.292	0.821
Assessment 6	1.428	0.220-9.260	0.709	2.361	0.281-19.843	0.429
Dentate	Reference			Reference		
Dentures	0.347	0.217-0.554	0.000	0.404	0.273-0.599	0.000
No Dentures	2.319	1.492-3.606	0.000	1.828	1.234-2.707	0.003
Dementia diagnosis	1.038	0.705-1.528	0.849	0.994	0.701-1.411	0.975
Debris	2.122	1.447-3.11	0.000	1.870	1.202-2.910	0.005
Daily cleaning	1.276	0.591-2.757	0.534	0.764	0.451-1.295	0.318
Female	0.949	0.673-1.339	0.767	0.943	0.670-1.327	0.736
Age at assessment	0.983	0.967-0.999	0.040	0.981	0.965-0.997	0.024
CPS score > 3	0.869	0.600-1.258	0.458	1.065	0.729-1.555	0.744
ADL-H score > 3	1.434	1.020-2.016	0.038	0.877	0.598-1.284	0.499
Resists care	1.159	0.840-1.600	0.369	1.289	0.883-1.881	0.189
DRS score > 2	1.175	0.859-1.608	0.313	1.212	0.823-1.784	0.330
Assessment quarter	1.033	0.993-1.074	0.108	1.033	0.993-1.075	0.111

CPS = Cognitive Performance Scale, ADL-H = Activities of Daily Living - Hierarchy Scale,
DRS = Depression Rating Scale