

Appendix 1: Full regression results for Table 4 analysis

Model 1

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
453429	3043	450386	99.33

Analysis of Maximum Likelihood Estimates										
Parameter		DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio	95% Hazard Ratio Confidence Limits		Label
cum_crn_d75		1	0.02274	0.00609	13.9389	0.0002	1.023	1.011	1.035	
cum_tr_high_ct		1	-0.01646	0.01491	1.2184	0.2697	0.984	0.955	1.013	
month_cat	2	1	0.09401	0.09130	1.0602	0.3032	1.099	0.919	1.314	month_cat 2
month_cat	3	1	0.02660	0.09062	0.0862	0.7691	1.027	0.860	1.227	month_cat 3
month_cat	4	1	0.08807	0.09156	0.9251	0.3361	1.092	0.913	1.307	month_cat 4
month_cat	5	1	-0.01116	0.09083	0.0151	0.9022	0.989	0.828	1.182	month_cat 5
month_cat	6	1	0.00270	0.09148	0.0009	0.9764	1.003	0.838	1.200	month_cat 6
month_cat	7	1	-0.00678	0.09223	0.0054	0.9414	0.993	0.829	1.190	month_cat 7
month_cat	8	1	0.11370	0.08973	1.6054	0.2051	1.120	0.940	1.336	month_cat 8
month_cat	9	1	0.10437	0.08896	1.3765	0.2407	1.110	0.932	1.321	month_cat 9
month_cat	10	1	0.06196	0.08973	0.4768	0.4899	1.064	0.892	1.269	month_cat 10
month_cat	11	1	0.01984	0.08988	0.0487	0.8253	1.020	0.855	1.217	month_cat 11
month_cat	12	1	0.13534	0.08884	2.3206	0.1277	1.145	0.962	1.363	month_cat 12
year_cat	2008	1	0.15452	0.06606	5.4710	0.0193	1.167	1.025	1.328	year_cat 2008
year_cat	2009	1	0.03890	0.06464	0.3622	0.5473	1.040	0.916	1.180	year_cat 2009
year_cat	2010	1	-0.07590	0.06550	1.3430	0.2465	0.927	0.815	1.054	year_cat 2010
year_cat	2011	1	-0.00881	0.06434	0.0188	0.8910	0.991	0.874	1.124	year_cat 2011
year_cat	2012	1	-0.08604	0.06589	1.7055	0.1916	0.918	0.806	1.044	year_cat 2012
sex	M	1	0.00294	0.03684	0.0064	0.9364	1.003	0.933	1.078	sex M
age		1	0.03067	0.00119	663.6704	<.0001	1.031	1.029	1.034	
charlson_index		1	0.12159	0.00580	440.1020	<.0001	1.129	1.117	1.142	

Model 2

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
453429	3043	450386	99.33

Analysis of Maximum Likelihood Estimates										
Parameter		D F	Parameter Estimate	Standard Error	Chi- Square	Pr > ChiS q	Hazar d Ratio	95% Hazard Ratio Confidence Limits		Label
f5_cum_crn_d75		1	0.08752	0.01560	31.4718	<.0001	1.091	1.059	1.125	
f5_cum_tr_high ct		1	-0.03066	0.02447	1.5702	0.2102	0.970	0.924	1.017	
month_cat	2	1	0.09297	0.09125	1.0382	0.3082	1.097	0.918	1.312	month_cat 2
month_cat	3	1	0.02753	0.09055	0.0924	0.7612	1.028	0.861	1.228	month_cat 3
month_cat	4	1	0.09096	0.09156	0.9868	0.3205	1.095	0.915	1.311	month_cat 4
month_cat	5	1	-0.01106	0.09082	0.0148	0.9031	0.989	0.828	1.182	month_cat 5
month_cat	6	1	0.00598	0.09147	0.0043	0.9479	1.006	0.841	1.204	month_cat 6
month_cat	7	1	-0.00449	0.09221	0.0024	0.9611	0.996	0.831	1.193	month_cat 7
month_cat	8	1	0.11058	0.08973	1.5185	0.2178	1.117	0.937	1.332	month_cat 8
month_cat	9	1	0.10690	0.08896	1.4440	0.2295	1.113	0.935	1.325	month_cat 9
month_cat	10	1	0.06918	0.08974	0.5944	0.4407	1.072	0.899	1.278	month_cat 10
month_cat	11	1	0.02311	0.08988	0.0661	0.7971	1.023	0.858	1.221	month_cat 11
month_cat	12	1	0.14001	0.08885	2.4832	0.1151	1.150	0.966	1.369	month_cat 12
year_cat	200 8	1	0.15131	0.06606	5.2470	0.0220	1.163	1.022	1.324	year_cat 2008
year_cat	200 9	1	0.05456	0.06475	0.7102	0.3994	1.056	0.930	1.199	year_cat 2009
year_cat	201 0	1	-0.05068	0.06582	0.5929	0.4413	0.951	0.836	1.081	year_cat 2010
year_cat	201 1	1	0.02203	0.06486	0.1154	0.7341	1.022	0.900	1.161	year_cat 2011

Analysis of Maximum Likelihood Estimates										
Parameter		D F	Parameter Estimate	Standard Error	Chi- Square	Pr > ChiS q	Hazar d Ratio	95% Hazard Ratio Confidence Limits		Label
year_cat	201 2	1	-0.06045	0.06625	0.8326	0.3615	0.941	0.827	1.072	year_cat 2012
sex	M	1	0.00364	0.03684	0.0098	0.9213	1.004	0.934	1.079	sex M
age		1	0.03069	0.00119	665.2911	<.0001	1.031	1.029	1.034	
charlson_index		1	0.12172	0.00580	441.1012	<.0001	1.129	1.117	1.142	

Model 3

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
453429	3043	450386	99.33

Analysis of Maximum Likelihood Estimates										
Parameter		DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio	95% Hazard Ratio Confidence Limits		Label
cum_crn_d75_only		1	0.02664	0.01260	4.4689	0.0345	1.027	1.002	1.053	
cum_cns_d75_only		1	0.02909	0.00605	23.0865	<.0001	1.030	1.017	1.042	
cum_crnns_d75_both		1	0.02484	0.00863	8.2773	0.0040	1.025	1.008	1.043	
cum_tr_high_ct		1	-0.00977	0.01499	0.4247	0.5146	0.990	0.962	1.020	
month_cat	2	1	0.10244	0.09135	1.2574	0.2621	1.108	0.926	1.325	month_cat 2
month_cat	3	1	0.03083	0.09064	0.1157	0.7338	1.031	0.863	1.232	month_cat 3
month_cat	4	1	0.08669	0.09157	0.8963	0.3438	1.091	0.911	1.305	month_cat 4
month_cat	5	1	-0.00574	0.09087	0.0040	0.9496	0.994	0.832	1.188	month_cat 5
month_cat	6	1	0.01115	0.09155	0.0148	0.9031	1.011	0.845	1.210	month_cat 6
month_cat	7	1	0.00258	0.09230	0.0008	0.9777	1.003	0.837	1.201	month_cat 7
month_cat	8	1	0.11328	0.08978	1.5922	0.2070	1.120	0.939	1.335	month_cat 8
month_cat	9	1	0.09618	0.08902	1.1672	0.2800	1.101	0.925	1.311	month_cat 9
month_cat	10	1	0.07933	0.08993	0.7781	0.3777	1.083	0.908	1.291	month_cat 10
month_cat	11	1	0.04170	0.09005	0.2144	0.6433	1.043	0.874	1.244	month_cat 11
month_cat	12	1	0.14263	0.08888	2.5755	0.1085	1.153	0.969	1.373	month_cat 12
year_cat	2008	1	0.15488	0.06609	5.4911	0.0191	1.168	1.026	1.329	year_cat 2008
year_cat	2009	1	0.00746	0.06514	0.0131	0.9088	1.007	0.887	1.145	year_cat 2009
year_cat	2010	1	-0.13217	0.06719	3.8698	0.0492	0.876	0.768	1.000	year_cat 2010
year_cat	2011	1	-0.04792	0.06569	0.5322	0.4657	0.953	0.838	1.084	year_cat 2011
year_cat	2012	1	-0.11130	0.06765	2.7072	0.0999	0.895	0.784	1.022	year_cat 2012
sex	M	1	0.00439	0.03685	0.0142	0.9053	1.004	0.934	1.080	sex M
age		1	0.03060	0.00119	659.5430	<.0001	1.031	1.029	1.033	
charlson_index		1	0.12234	0.00581	443.8438	<.0001	1.130	1.117	1.143	

Model 4

Summary of the Number of Event and Censored Values			
Total	Event	Censored	Percent Censored
453429	3043	450386	99.33

Analysis of Maximum Likelihood Estimates										
Parameter		DF	Parameter Estimate	Standard Error	Chi-Square	Pr > ChiSq	Hazard Ratio	95% Hazard Ratio Confidence Limits		Label
f5_cum_crn_d75_only		1	0.04667	0.02492	3.5076	0.0611	1.048	0.998	1.100	
f5_cum_cns_d75_only		1	0.03162	0.01226	6.6514	0.0099	1.032	1.008	1.057	
f5_cum_crnns_d75_bot		1	0.12776	0.02159	35.0120	<.0001	1.136	1.089	1.185	
f5_cum_tr_high_ct		1	-0.02472	0.02453	1.0154	0.3136	0.976	0.930	1.024	
month_cat	2	1	0.10005	0.09127	1.2016	0.2730	1.105	0.924	1.322	month_cat 2
month_cat	3	1	0.02763	0.09056	0.0931	0.7603	1.028	0.861	1.228	month_cat 3
month_cat	4	1	0.08832	0.09157	0.9302	0.3348	1.092	0.913	1.307	month_cat 4
month_cat	5	1	-0.01458	0.09084	0.0258	0.8725	0.986	0.825	1.178	month_cat 5
month_cat	6	1	0.0001908	0.09156	0.0000	0.9983	1.000	0.836	1.197	month_cat 6
month_cat	7	1	-0.00838	0.09226	0.0083	0.9276	0.992	0.828	1.188	month_cat 7
month_cat	8	1	0.10327	0.08977	1.3234	0.2500	1.109	0.930	1.322	month_cat 8
month_cat	9	1	0.09342	0.08906	1.1003	0.2942	1.098	0.922	1.307	month_cat 9
month_cat	10	1	0.06809	0.08981	0.5749	0.4483	1.070	0.898	1.276	month_cat 10
month_cat	11	1	0.02854	0.08995	0.1006	0.7511	1.029	0.863	1.227	month_cat 11
month_cat	12	1	0.13854	0.08885	2.4312	0.1189	1.149	0.965	1.367	month_cat 12
year_cat	2008	1	0.15671	0.06611	5.6185	0.0178	1.170	1.028	1.331	year_cat 2008
year_cat	2009	1	0.03434	0.06504	0.2787	0.5975	1.035	0.911	1.176	year_cat 2009
year_cat	2010	1	-0.09240	0.06683	1.9119	0.1667	0.912	0.800	1.039	year_cat 2010
year_cat	2011	1	-0.01484	0.06559	0.0512	0.8210	0.985	0.866	1.120	year_cat 2011
year_cat	2012	1	-0.09750	0.06715	2.1085	0.1465	0.907	0.795	1.035	year_cat 2012
sex	M	1	0.00342	0.03685	0.0086	0.9261	1.003	0.934	1.079	sex M
age		1	0.03058	0.00119	660.1041	<.0001	1.031	1.029	1.033	
charlson_index		1	0.12208	0.00580	442.6658	<.0001	1.130	1.117	1.143	