

Hazard functions to describe patterns of new and recurrent sick leave episodes for different diagnoses ¹

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¹ Appendix supplementary figures and table

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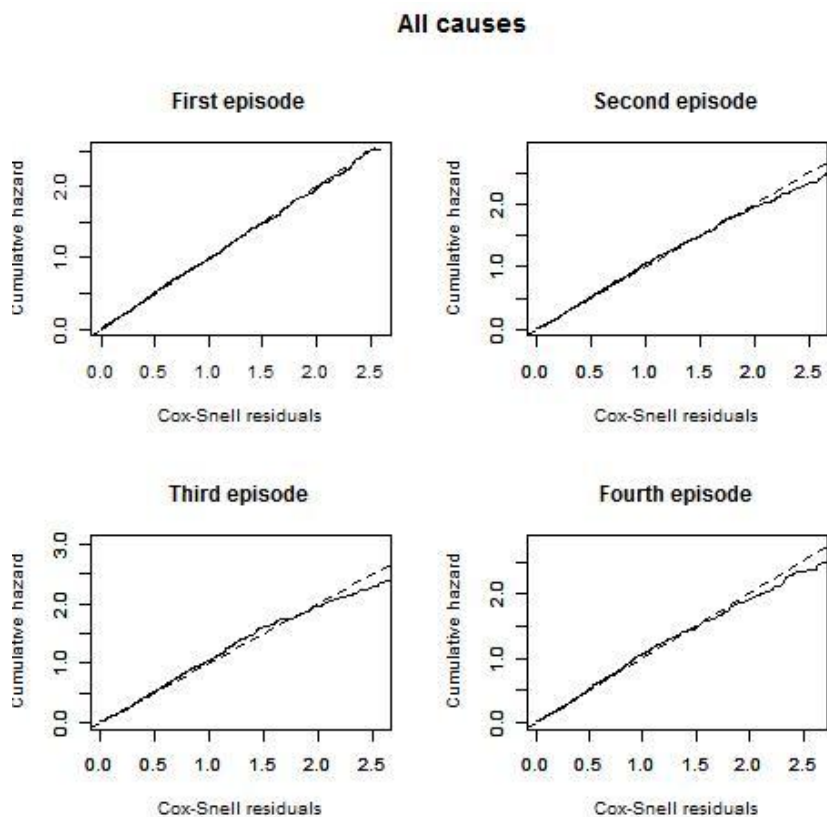


Figure 1. Graphical assessment of the goodness of fit for "all causes".

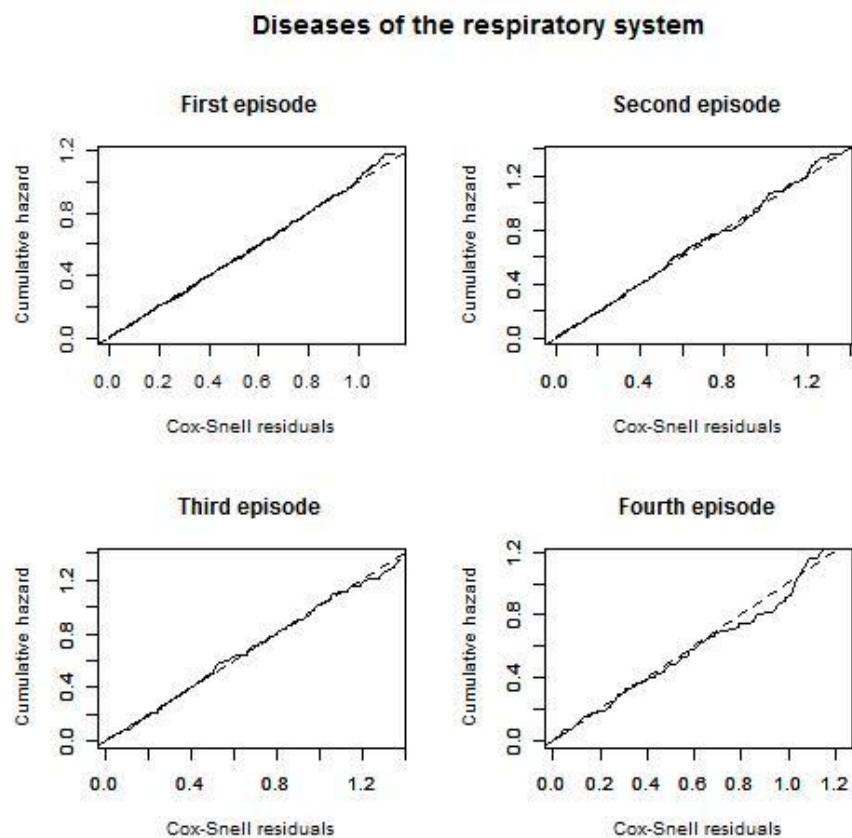


Figure 2. Graphical assessment of the goodness of fit for "Diseases of the respiratory system".

Diseases of the musculoskeletal system

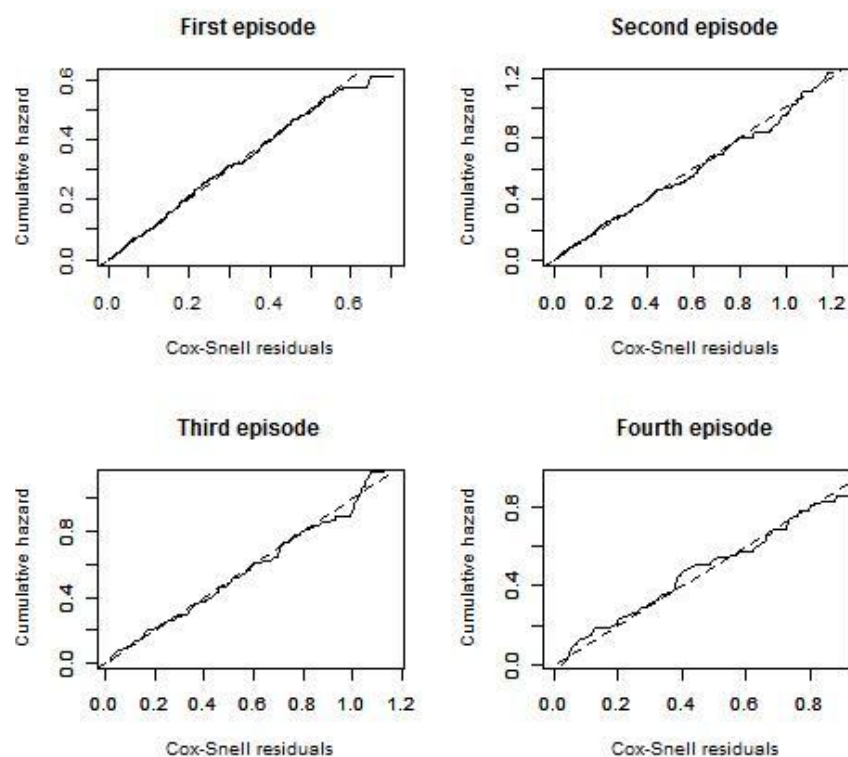


Figure 3. Graphical assessment of the goodness of fit for "Diseases of the musculoskeletal system".

Mental and behavioral disorders

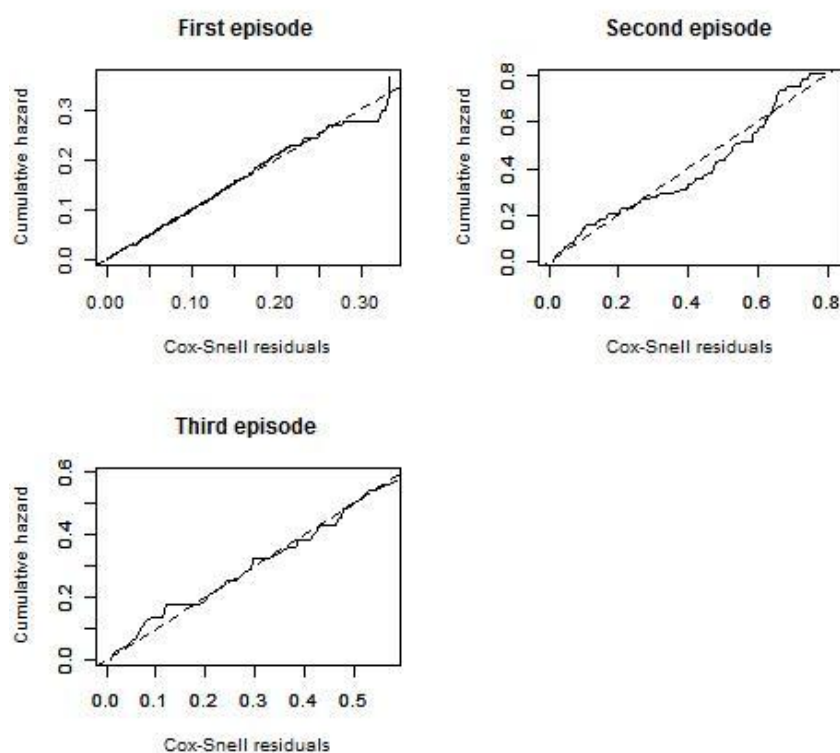


Figure 4. Graphical assessment of the goodness of fit for "Mental and behavioral disorders".

Table 1. Summary of the results obtained from the Bootstrap sampling process for censoring distribution. [AIC=Akaike criterion value.]

Sample	% of resamples obtaining the lowest AIC			Best	β_0^a			Ancillary ^b		
	Weibull	Log-normal	Log-logistic		Median	P2.5	P 97.5	Median	P2.5	P97.5
All causes										
First episode	100	0	0	Weibull	7.398	7.318	7.487	1.178	1.084	1.293
Second episode	100	0	0	Weibull	7.061	6.970	7.158	1.246	1.137	1.383
Third episode	100	0	0	Weibull	6.947	6.848	7.066	1.207	1.094	1.341
Fourth episode	100	0	0	Weibull	6.657	6.549	6.777	1.422	1.248	1.619
Diseases of the respiratory system										
First episode	100	0	0	Weibull	7.315	7.272	7.361	1.272	1.194	1.357
Second episode	100	0	0	Weibull	6.975	6.897	7.050	1.218	1.127	1.316
Third episode	100	0	0	Weibull	6.712	6.608	6.803	1.341	1.200	1.532
Fourth episode	100	0	0	Weibull	6.399	6.292	6.502	1.484	1.283	1.776
Musculoskeletal system										
First episode	100	0	0	Weibull	7.283	7.239	7.319	1.332	1.262	1.411
Second episode	100	0	0	Weibull	6.900	6.795	6.994	1.156	1.046	1.291
Third episode	100	0	0	Weibull	6.507	6.397	6.614	1.498	1.249	1.847
Fourth episode	100	0	0	Weibull	6.021	5.937	6.075	2.560	1.732	4.388
Mental and behavioral disorders										
First episode	100	0	0	Weibull	7.287	7.246	7.324	1.352	1.284	1.431
Second episode	100	0	0	Weibull	6.530	6.404	6.644	1.177	0.994	1.439
Third episode	100	0	0	Weibull	6.212	6.097	6.295	1.991	1.409	3.062

^a β_0 expressed in days.^b Ancillary: p for the Weibull, σ for Log-normal, and γ for log-logistic model.