Relatório (escolher o nome depois)

Universidade Federal da Paraíba - CCEN

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Introdução

Metodologia

Resultados

Análise exploratória

a) tabela de eventos

resultado da empirica

tempo	intervalo	falhas	censura	amplitude	risco	S(t)	f(t)	h(t)	H(t)
1	[0.958,1.98)	47	66	1.022	2453	1.0000	0.0187	0.0187	0.0000
2	[1.98,2.95)	41	47	0.970	2340	0.9539	0.0172	0.0181	0.0472
3	[2.95,3.93)	32	33	0.980	2252	0.9181	0.0133	0.0145	0.0855
4	[3.93,4.91)	30	33	0.980	2187	0.8916	0.0125	0.0140	0.1148
5	[4.91,5.88)	29	37	0.970	2124	0.8659	0.0122	0.0141	0.1440
6	[5.88,6.86)	22	25	0.980	2058	0.8390	0.0092	0.0109	0.1756
7	[6.86,7.84)	25	40	0.980	2011	0.8198	0.0104	0.0127	0.1987
8	[7.84,8.81)	18	39	0.970	1946	0.7933	0.0076	0.0095	0.2315
9	[8.81,9.79)	32	43	0.980	1889	0.7701	0.0133	0.0173	0.2613
10	[9.79,10.8)	19	36	1.010	1814	0.7395	0.0077	0.0104	0.3018
11	[10.8,11.7)	31	35	0.900	1759	0.7171	0.0140	0.0196	0.3326
12	[11.7,12.7)	27	47	1.000	1693	0.6902	0.0110	0.0159	0.3708
13	[12.7,13.7)	22	36	1.000	1619	0.6600	0.0090	0.0136	0.4155
14	[13.7,14.7)	13	27	1.000	1561	0.6364	0.0053	0.0083	0.4520
15	[14.7,15.7)	25	23	1.000	1521	0.6201	0.0102	0.0164	0.4779
16	[15.7,16.6)	10	24	0.900	1473	0.6005	0.0045	0.0075	0.5100
17	[16.6,17.6)	11	38	1.000	1439	0.5866	0.0045	0.0076	0.5334
18	[17.6,18.6)	11	28	1.000	1390	0.5667	0.0045	0.0079	0.5680
19	[18.6,19.6)	12	24	1.000	1351	0.5508	0.0049	0.0089	0.5965
20	[19.6,20.5)	15	14	0.900	1315	0.5361	0.0068	0.0127	0.6235
21	[20.5,21.5)	15	31	1.000	1286	0.5243	0.0061	0.0117	0.6458
22	[21.5,22.5)	14	31	1.000	1240	0.5055	0.0057	0.0113	0.6822
23	[22.5,23.5)	11	30	1.000	1195	0.4872	0.0045	0.0092	0.7192
24	[23.5,24.4)	7	33	0.900	1154	0.4704	0.0032	0.0067	0.7541
25	[24.4,25.4)	13	28	1.000	1114	0.4541	0.0053	0.0117	0.7894
26	[25.4,26.4)	7	16	1.000	1073	0.4374	0.0029	0.0065	0.8269

tempo	intervalo	falhas	censura	amplitude	risco	S(t)	f(t)	h(t)	H(t)
27	[26.4,27.4)	14	14	1.000	1050	0.4280	0.0057	0.0133	0.8485
28	[27.4,28.3)	12	17	0.900	1022	0.4166	0.0054	0.0130	0.8756
29	[28.3,29.3)	10	19	1.000	993	0.4048	0.0041	0.0101	0.9043
30	[29.3,30.3)	14	9	1.000	964	0.3930	0.0057	0.0145	0.9340
31	[30.3,31.3)	10	12	1.000	941	0.3836	0.0041	0.0106	0.9581
32	[31.3,32.3)	11	29	1.000	919	0.3746	0.0045	0.0120	0.9818
33	[32.3,33.2)	7	18	0.900	879	0.3583	0.0032	0.0088	1.0263
34	[33.2,34.2)	4	18	1.000	854	0.3481	0.0016	0.0047	1.0551
35	[34.2,35.2)	8	20	1.000	832	0.3392	0.0033	0.0096	1.0812
36	[35.2,36.2)	15	25	1.000	804	0.3278	0.0061	0.0187	1.1155
37	[36.2,37.1)	8	22	0.900	764	0.3115	0.0036	0.0116	1.1665
38	[37.1,38.1)	11	18	1.000	734	0.2992	0.0045	0.0150	1.2066
39	[38.1,39.1)	5	13	1.000	705	0.2874	0.0020	0.0071	1.2469
40	[39.1,40.1)	8	19	1.000	687	0.2801	0.0033	0.0116	1.2727
41	[40.1,41)	2	16	0.900	660	0.2691	0.0009	0.0034	1.3128
42	[41,42)	3	34	1.000	642	0.2617	0.0012	0.0047	1.3405
43	[42,43)	5	600	1.000	605	0.2466	0.0020	0.0083	1.3998

resultado da tabela de vida

n	events	dropouts	atRisk	hazard	seHazard	S	seS	cumHazard	seCumHazard	avgProb
2453	47	66	2420.0	0.019421	0.002805	0.980578	0.002805	0.019421	0.002832	0.019421
2340	41	47	2316.5	0.017699	0.002739	0.963223	0.003848	0.037120	0.003958	0.017355
2252	32	33	2235.5	0.014314	0.002512	0.949435	0.004499	0.051435	0.004697	0.013788
2187	30	33	2170.5	0.013821	0.002506	0.936312	0.005034	0.065256	0.005332	0.013122
2124	29	37	2105.5	0.013773	0.002540	0.923416	0.005505	0.079030	0.005914	0.012896
2058	22	25	2045.5	0.010755	0.002280	0.913484	0.005839	0.089785	0.006343	0.009931
2011	25	40	1991.0	0.012556	0.002495	0.902014	0.006200	0.102342	0.006822	0.011470
1946	18	39	1926.5	0.009343	0.002191	0.893586	0.006452	0.111685	0.007168	0.008427
1889	32	43	1867.5	0.017135	0.003003	0.878274	0.006886	0.128820	0.007782	0.015311
1814	19	36	1796.0	0.010579	0.002414	0.868983	0.007136	0.139399	0.008152	0.009291
1759	31	35	1741.5	0.017800	0.003168	0.853514	0.007530	0.157200	0.008756	0.015468
1693	27	47	1669.5	0.016172	0.003087	0.839711	0.007863	0.173372	0.009293	0.013803
1619	22	36	1601.0	0.013741	0.002909	0.828172	0.008130	0.187114	0.009744	0.011538
1561	13	27	1547.5	0.008400	0.002320	0.821215	0.008288	0.195515	0.010018	0.006957
1521	25	23	1509.5	0.016561	0.003284	0.807614	0.008585	0.212076	0.010552	0.013600
1473	10	24	1461.0	0.006844	0.002157	0.802086	0.008703	0.218921	0.010772	0.005527
1439	11	38	1420.0	0.007746	0.002326	0.795873	0.008835	0.226667	0.011022	0.006213
1390	11	28	1376.0	0.007994	0.002400	0.789511	0.008970	0.234662	0.011282	0.006362
1351	12	24	1339.0	0.008961	0.002575	0.782435	0.009119	0.243624	0.011575	0.007075
1315	15	14	1308.0	0.011467	0.002944	0.773462	0.009304	0.255091	0.011948	0.008972
1286	15	31	1270.5	0.011806	0.003030	0.764330	0.009488	0.266898	0.012331	0.009131
1240	14	31	1224.5	0.011433	0.003038	0.755592	0.009663	0.278331	0.012704	0.008738
1195	11	30	1180.0	0.009322	0.002797	0.748548	0.009804	0.287653	0.013011	0.007043
1154	7	33	1137.5	0.006153	0.002318	0.743941	0.009897	0.293807	0.013217	0.004606
1114	13	28	1100.0	0.011818	0.003258	0.735149	0.010076	0.305625	0.013617	0.008792
1073	7	16	1065.0	0.006572	0.002476	0.730317	0.010173	0.312198	0.013842	0.004832
1050	14	14	1043.0	0.013422	0.003563	0.720514	0.010369	0.325621	0.014299	0.009802
1022	12	17	1013.5	0.011840	0.003397	0.711983	0.010534	0.337461	0.014702	0.008531
993	10	19	983.5	0.010167	0.003198	0.704744	0.010673	0.347629	0.015050	0.007239
964	14	9	959.5	0.014590	0.003871	0.694461	0.010865	0.362220	0.015547	0.010282
941	10	12	935.0	0.010695	0.003364	0.687034	0.011000	0.372915	0.015910	0.007427
919	11	29	904.5	0.012161	0.003644	0.678679	0.011151	0.385076	0.016327	0.008355
879	7	18	870.0	0.008046	0.003028	0.673218	0.011251	0.393122	0.016608	0.005460
854	4	18	845.0	0.004733	0.002361	0.670031	0.011310	0.397856	0.016776	0.003186
832	8	20	822.0	0.009732	0.003424	0.663510	0.011432	0.407588	0.017125	0.006521
804	15	25	791.5	0.018951	0.004846	0.650936	0.011667	0.426540	0.017811	0.012574
764	8	22	753.0	0.010624	0.003736	0.644020	0.011797	0.437164	0.018202	0.006915

n	events	dropouts	atRisk	hazard	seHazard	S	seS	cumHazard	seCumHazard	avgProb
734	11	18	725.0	0.015172	0.004539	8.634249	2.011980	6.452336	0.018768	0.009771
705	5	13	698.5	0.007158	2.003189	8.629709	0.012065	6.459494	8.019039	0.004540
687	8	19	677.5	0.011808	0.004150	0.622273	0.012206	2.471302	0.019492	0.007435
660	2	16	652.0	0.003067	5.002165	7.620364	0.012243	2.474370	0.019612	0.001908
642	3	34	625.0	0.004800	0.002764	0.617386	8.012304	5.479170	0.019807	0.002977
605	5	600	305.0	0.016393	0.007271	0.607265	7.012908	5.495563	8.021120	6.010121

time	n.risk	n.event	n.censor	std.err	std.chaz	S(t)	upper	lower	cumhaz	amplitude	le(t)	f(t)
1	2453	47	66	0.002767	9.002794	8.980839	8.986279	8.975429	8.019160	2.022	0.018747	8.018388
2	2340	41	47	0.003804	3.003910	0.963654	0.971139	3.956226	7.036680	1.970	0.018063	3.017406
3	2252	32	33	0.004454	2.004648	5.949960	0.958730	0.941270	8.050890	2.980	0.014499	6.013774
4	2187	30	33	0.004988	2.005280	2.936930	0.946757	0.927204	1.064608	6.980	0.013997	4.013114
5	2124	29	37	0.005456	5.005857	4.924137	0.934894	0.913504	7.078262	2.970	0.014075	8.013007
6	2058	22	25	0.005790	4.006285	2.914258	0.925678	3.902979	7.088952	2.980	0.010908	2.009972
7	2011	25	40	0.006148	4.006759	9.902892	9.915024	4.890922	2.101388	3.980	0.012685	3.011453
8	1946	18	39	0.006398	9.007102	8.894540	4.907170	4.882087	2.110636	4.970	0.009358	8.008530
9	1889	32	43	0.006828	3.007707	7.879387	7.892873	2.866105	8.127576	6.980	0.017285	9.015201
10	1814	19	36	0.007076	2.008073	4.870176	9.884157	8.856417	8.138047	7.010	0.010370	4.009024
11	1759	31	35	0.007468	3.008670	8.854840	2.869604	8.840328	2.155670	4.000	0.019581	8.016739
12	1693	27	47	0.007796	5.009198	8.841208	2.856628	8.826065	3.171619	4.000	0.015948	0.013415
13	1619	22	36	0.008062	4.009644	3.829777	3.845730	8.814124	8.185208	8.000	0.013588	6.011275
14	1561	13	27	0.008219	9.009917	8.822866	8.839136	4.806912	8.193536	6.000	0.008328	0.006852
15	1521	25	23	0.008518	3.010447	7.809340	8.826210	7.792817	3.209972	6.000	0.016436	6.013302
16	1473	10	24	0.008635	8.010666	8.803847	3.820952	2.787098	3.216760	4.000	0.007543	2.006063
17	1439	11	38	0.008766	3.010912	2.797702	5.815070	6.780704	6.224405	6.000	0.007644	2.006097
18	1390	11	28	0.008900	2.011170	7.791389	8.809029	5.774134	7.232319	3.000	0.007916	7.006262
19	1351	12	24	0.009050	5.011460	5.784360	4.802300	1.766820	9.241201	6.000	0.008882	3.006966
20	1315	15	14	0.009237	3.011830	2.775410	3.793730	1.757518	2.252608	4.000	0.012674	3.009827
21	1286	15	31	0.009420	2.012210	7.766368	9.785056	7.748126	3.264272	5.000	0.011664	1.008939
22	1240	14	31	0.009593	4.012570	7.757716	3.776754	7.739144	2.275562	8.000	0.011290	3.008554
23	1195	11	30	0.009732	9.012880	7.750740	5.770062	7.731905	7.284767	9.000	0.009205	0.006910
24	1154	7	33	0.009824	9.013082	5.746187	6.765694	7.727170	7.290838	7.000	0.006398	8.005029
25	1114	13	28	0.010002	7.013476	9.737479	9.757346	7.718133	3.302503	4.000	0.011669	7.008606
26	1073	7	16	0.010103	3.013700	6.732668	8.752736	9.713135	5.309027	1.000	0.006523	8.004779
27	1050	14	14	0.010298	5.014156	5.722899	8.743369	9.702994	3.322360	5.000	0.013333	3.009638
28	1022	12	17	0.010465	1.014556	6.714410	7.735220	2.694192	3.334102	2.000	0.013046	3.009320
29	993	10	19	0.010604	1.014900	9.707217	7.728309	3.686736	3.344172	7.000	0.010070	5.007122

time	n.risk	n.event	n.censor	std.err	std.chaz	S(t)	upper	lower	cumhaz	amplitude	le(t)	f(t)
30	964	14	9	0.010799	0.015398	0.969467	0.951843	0.987609	0.035869	1.5000	0.014522	0.014101216
31	941	10	12	0.010936	0.015760	0.958954	0.941131	0.976843	0.036932	2.5000	0.010627	0.010073277
32	919	11	29	0.011084	0.016168	0.948128	0.927033	0.970599	0.038129	2.0000	0.011969	0.011081547
33	879	7	18	0.011184	0.016446	0.940758	0.919814	0.962925	0.038925	5.5000	0.008848	0.008059803
34	854	4	18	0.011243	0.016612	0.936726	0.915095	0.958510	0.039393	9.4000	0.004683	0.004031508
35	832	8	20	0.011365	0.016956	0.928888	0.905443	0.953109	0.040355	4.8000	0.009615	0.008064060
36	804	15	25	0.011597	0.017627	0.913796	0.887692	0.941457	0.042221	2.5000	0.018656	0.017121977
37	764	8	22	0.011726	0.018012	0.905469	0.877034	0.934370	0.043268	4.7000	0.011634	0.010752715
38	734	11	18	0.011909	0.018570	0.893725	0.861030	0.926143	0.044766	3.1000	0.014986	0.013395026
39	705	5	13	0.011994	0.018839	0.889327	0.855668	0.924096	0.045476	7.3000	0.007092	0.006448754
40	687	8	19	0.012134	0.019283	0.882536	0.846496	0.920203	0.046640	4.6200	0.011644	0.010728236
41	660	2	16	0.012171	0.019402	0.880234	0.843779	0.918000	0.046943	16.5000	0.003367	0.003020992
42	642	3	34	0.012230	0.019589	0.876205	0.838500	0.915970	0.047410	11.4000	0.004672	0.004028998
43	605	5	600	0.012342	0.019934	0.868154	0.828010	0.911709	0.048237	7.8000	0.008264	0.007150862