Tables

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Imports

```
library(tidyverse)
library(yaml)
library(kableExtra)
```

Loading data

```
load('../dataset/processed_data.RData')
load('../dataset/processed_dictionary.RData')

columns_list <- yaml.load_file("./auxiliar/columns_list.yaml")

outcome_column <- params$outcome_column
```

Numerical variables

```
medianWithoutNA <- function(x) {
   median(x[which(!is.na(x))])
}
i = 0
for (column in columns_list$numerical_columns){
  df %>%
    group_by_at(vars(one_of(outcome_column))) %>%
    summarise('Mean' = mean(!!sym(column), na.rm = T),
              'Min' = min(!!sym(column), na.rm = T),
              'Median' = medianWithoutNA(!!sym(column)),
              'Max' = max(!!sym(column), na.rm = T),
              'Standard Deviation' = sd(!!sym(column), na.rm = T),
              'N' = n(),
              'Missing' = sum(is.na(!!sym(column)))) %>%
    ungroup %>%
    mutate(Min = ifelse(is.infinite(Min), NA, Min),
           Max = ifelse(is.infinite(Max), NA, Max)) %>%
    kbl(align = "l", booktabs = T, digits = 3, format = 'latex', label = i,
        caption = df_names %>% filter(variable.name == column) %>% .$field.label) %>%
    column_spec(1, bold = T, width = "8em") %>%
    row_spec(c(1) - 1, extra_latex_after = "\\rowcolor{gray!6}") %>%
    collapse_rows(1, latex_hline = "none") %>%
    kable_styling(latex_options = c("HOLD_position", "repeat_header")) %>%
    print

  i <- i + 1
}
```

Table 1: Idade no momento do primeiro procedimento

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.418	0	68.9	110.6	17.972	15507	0
1	69.181	0	73.1	98.9	17.458	517	0

Table 2: Número de comorbidades

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.231	0	1	8	1.331	15507	0
1	2.139	0	2	7	1.750	517	0

Table 3: Ano do procedimento 1

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.548	1999	2010	2021	5.787	15507	0
1	2011.936	2002	2013	2021	5.338	517	0

Table 4: Idade no Procedimento 1

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.418	0	68.9	110.6	17.972	15507	0
1	69.181	0	73.1	98.9	17.458	517	0

Table 5: Ano do procedimento 2

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2013.106	1999	2013	2022	4.680	15507	10661
1	2009.600	2003	2008	2021	5.397	517	482

Table 6: Idade no Procedimento 2

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.119	0.0	69.2	108.7	19.283	15507	10660
1	65.514	3.9	66.1	93.1	17.372	517	482

Table 7: Ano do procedimento 3

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.34	1999	2015	2022	4.774	15507	14038
1	2011.00	2003	2011	2019	5.797	517	506

Table 8: Idade no Procedimento 3

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	61.997	0.4	65.9	101.1	20.790	15507	14038
1	67.100	43.7	73.7	88.2	15.831	517	506

Table 9: Ano do procedimento 4

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.457	2002	2015	2022	4.811	15507	15023
1	2016.000	2016	2016	2016	NA	517	516

Table 10: Idade no Procedimento 4

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	59.582	1.9	63.7	97.7	21.923	15507	15023
1	80.400	80.4	80.4	80.4	NA	517	516

Table 11: Ano do procedimento 5

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.234	2003	2014	2022	4.19	15507	15315
1	NaN	NA	NA	NA	NA	517	517

Table 12: Idade no Procedimento 5

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	57.845	3.2	62.75	99.7	22.035	15507	15315
1	NaN	NA	NA	NA	NA	517	517

Table 13: Ano do procedimento 6

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.728	2003	2015	2021	4.547	15507	15426
1	NaN	NA	NA	NA	NA	517	517

Table 14: Idade no Procedimento 6

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.865	6.6	58.8	101.6	22.394	15507	15426
1	NaN	NA	NA	NA	NA	517	517

Table 15: Ano do procedimento 7

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2015.656	2007	2016.5	2022	4.285	15507	15475
1	NaN	NA	NA	NA	NA	517	517

Table 16: Idade no Procedimento 7

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	51.231	8.8	57.1	81.8	20.858	15507	15475
1	NaN	NA	NA	NA	NA	517	517

Table 17: Ano do procedimento 8

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.917	2008	2015.5	2020	3.942	15507	15495
1	NaN	NA	NA	NA	NA	517	517

Table 18: Idade no Procedimento 8

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	52.283	14.3	52.9	81.8	23.027	15507	15495
1	NaN	NA	NA	NA	NA	517	517

Table 19: Ano do procedimento 9

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.8	2009	2016	2022	5.07	15507	15502
1	NaN	NA	NA	NA	NA	517	517

Table 20: Idade no Procedimento 9

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.86	15	36.6	82.2	26.06	15507	15502
1	NaN	NA	NA	NA	NA	517	517

Table 21: Ano do procedimento 10

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2019	2019	2019	2019	NA	15507	15506
1	NaN	NA	NA	NA	NA	517	517

Table 22: Idade no Procedimento 10

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.7	39.7	39.7	39.7	NA	15507	15506
1	NaN	NA	NA	NA	NA	517	517

Table 23: Tempo entre o P1 e P2 (meses)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	73.524	0.0	83.9	197.1	40.027	15507	10660
1	2.151	0.1	1.3	8.0	2.372	517	482

Table 24: Tempo entre o P2 e P3 (meses)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.956	0.0	61.0	170.5	39.646	15507	14038
1	1.745	0.3	1.2	6.2	1.717	517	506

Table 25: Tempo entre o P3 e P4 (meses)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.67	0.0	32.0	142.7	39.835	15507	15024
1	7.90	7.9	7.9	7.9	NA	517	516

Table 26: Tempo entre o P4 e P5 (meses)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	32.376	0	7.1	144.3	38.429	15507	15315
1	NaN	NA	NA	NA	NA	517	517

Table 27: Tempo entre o P5 e P6 (meses)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	27.699	0	5.8	110.3	34.88	15507	15426
1	NaN	NA	NA	NA	NA	517	517

Table 28: Tempo entre o P6 e P7 (meses)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	31.491	0	3.95	142.3	42.63	15507	15475
1	NaN	NA	NA	NA	NA	517	517

Table 29: Tempo entre o P7 e P8 (meses)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	19.983	0.2	2.6	80.9	28.743	15507	15495
1	NaN	NA	NA	NA	NA	517	517

Table 30: Tempo entre o P8 e P9 (meses)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	21.72	4.8	8.7	63.2	24.892	15507	15502
1	NaN	NA	NA	NA	NA	517	517

Table 31: Tempo entre o P9 e P10 (meses)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	36.8	36.8	36.8	36.8	NA	15507	15506
1	NaN	NA	NA	NA	NA	517	517

Table 32: Número de Mudanças do tipo de DCEI

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.087	0	0	3	0.296	15507	10664
1	0.086	0	0	1	0.284	517	482

Table 33: Número de atendimentos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.350	1	2	51	2.198	15507	0
1	3.072	1	2	20	2.585	517	0

Table 34: Número da Admissão T0 (admissão índice)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.421	1	1	32	1.079	15507	0
1	2.079	1	1	17	2.123	517	0

Table 35: Núm. de episódios de hospitalizações pós-procedimento

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.845	0	0	50	1.694	15507	0
1	0.988	0	1	8	0.994	517	0

Table 36: Núm. de episódios de hospitalizações pré-procedimento

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.529	0	0	38	1.204	15507	0
1	1.122	0	0	16	2.114	517	0

Table 37: Ano da admissão T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.541	1999	2010	2021	5.789	15507	18
1	2011.920	2002	2013	2021	5.329	517	2

Table 38: UTI durante a admissão T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.893	0	0	213	8.000	15507	0
1	4.705	0	0	188	13.491	517	0

Table 39: Diálise durante a admissão T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.034	0	0	78	1.172	15507	0
1	0.139	0	0	25	1.620	517	0

Table 40: Readmissão em até 30 dias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.030	0	0	1	0.172	15507	0
1	0.253	0	0	1	0.435	517	0

Table 41: Readmissão entre 31 a 60 dias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.046	0	0	1	0.210	15507	0
1	0.368	0	0	1	0.483	517	0

Table 42: Readmissão entre 61 a 180 dias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.077	0	0	1	0.267	15507	0
1	0.561	0	1	1	0.497	517	0

Table 43: Readmissão em até 1 ano

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.107	0	0	1	0.310	15507	0
1	0.667	0	1	1	0.472	517	0

Table 44: Tempo de seguimento total (anos)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.965	0	4.5	22.6	5.242	15507	0
1	0.421	0	0.4	1.0	0.289	517	0

Table 45: Óbito intraoperatório

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	1	0.027	15507	0
1	0.000	0	0	0	0.000	517	0

Table 46: Óbito hospitalar (intraoperatório ou admissao T0)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.017	0	0	1	0.129	15507	0
1	0.000	0	0	0	0.000	517	0

Table 47: Óbito durante algum episódio de readmissão hospitalar

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.064	0	0	1	0.244	15507	0
1	0.615	0	1	1	0.487	517	0

Table 48: Óbito em até 30 dias após a alta T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	15507	0
1	0.137	0	0	1	0.345	517	0

Table 49: Óbito em até 180 dias após a alta T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	15507	0
1	0.638	0	1	1	0.481	517	0

Table 50: Óbito em até 1 ano após a alta T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15507	0
1	1	1	1	1	0	517	0

Table 51: Óbito em até 2 anos após a alta T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.015	0	0	1	0.123	15507	0
1	1.000	1	1	1	0.000	517	0

Table 52: Óbito em até 3 anos após a alta T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.026	0	0	1	0.158	15507	0
1	1.000	1	1	1	0.000	517	0

Table 53: Óbito (status final)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.147	0	0	1	0.354	15507	0
1	1.000	1	1	1	0.000	517	0

Table 54: Tempo de sobrevida (anos)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.652	0	3.7	20.1	4.188	15507	14001
1	0.421	0	0.4	1.0	0.289	517	0

Table 55: Diárias no serviço de Emergência na admissão T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.319	0	0	28	1.366	15507	5873
1	0.395	0	0	13	1.408	517	135

Table 56: Anticoagulantes orais

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.287	0	0	98	2.432	15507	3454
1	0.735	0	0	29	2.896	517	65

Table 57: Antiarritmicos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.920	0	0	575	19.326	15507	3454
1	13.293	0	0	844	50.069	517	65

Table 58: Antihipertensivo

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.460	0	0	160	4.440	15507	3454
1	1.644	0	0	349	18.267	517	65

Table 59: Betabloqueador

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.104	0	0	388	8.151	15507	3454
1	1.301	0	0	68	6.517	517	65

Table 60: IECA/BRA

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	8.764	0	2	773	21.538	15507	3454
1	16.940	0	3	306	38.339	517	65

Table 61: DVA

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.400	0	0	1917	47.438	15507	3454
1	13.201	0	0	348	37.843	517	65

Table 62: Digoxina

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.223	0	0	50	1.627	15507	3454
1	0.619	0	0	28	2.790	517	65

Table 63: Estatinas

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.021	0	0	421	16.209	15507	3454
1	12.487	0	0	321	33.114	517	65

Table 64: Diuretico

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	11.290	0	0	2966.0	69.577	15507	3454
1	26.263	0	3	1010.5	83.034	517	65

Table 65: Vasodilator

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	9.422	0	0	3820.5	62.676	15507	3454
1	35.136	0	0	754.5	99.637	517	65

Table 66: Insuficiência cardíaca (ivabradina, levosimedan, milrinona, nesiritida, carvedilol)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.392	0	0	453	16.635	15507	3454
1	11.662	0	0	249	26.671	517	65

Table 67: Antagonista da Aldosterona (espironolactona)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.029	0	0	255	8.097	15507	3454
1	5.543	0	0	141	13.249	517	65

Table 68: Bloqueador do canal de calcio

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.621	0	0	509	9.630	15507	3454
1	0.909	0	0	153	9.547	517	65

Table 69: Trombolitico

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.048	15507	3454
1	0.000	0	0	0	0.000	517	65

Table 70: Antiplaquetario VO

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15507	3454
1	0	0	0	0	0	517	65

Table 71: Antiplaquetario EV

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	8	0.178	15507	3454
1	0.024	0	0	2	0.193	517	65

Table 72: Insulina

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.098	0	0	16	0.491	15507	3454
1	0.217	0	0	7	0.715	517	65

Table 73: Hipoglicemiante

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.353	0	0	90	2.829	15507	3454
1	0.368	0	0	39	2.487	517	65

Table 74: Hormonio tireoidiano

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15507	3454
1	0	0	0	0	0	517	65

Table 75: Broncodiltador

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15507	3454
1	0	0	0	0	0	517	65

Table 76: Anticonvulsivante

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.002	0	0	334	11.156	15507	3454
1	2.139	0	0	390	20.384	517	65

Table 77: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.916	0	0	573	14.585	15507	3454
1	7.690	0	1	128	17.569	517	65

Table 78: Antibióticos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	14.812	0	4	1812	64.166	15507	3454
1	23.535	0	4	358	52.058	517	65

Table 79: Antifúngicos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.450	0	0	122	4.416	15507	3454
1	0.518	0	0	50	3.917	517	65

Table 80: Antiviral

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.124	0	0	131	2.781	15507	3454
1	0.077	0	0	14	0.916	517	65

Table 81: Antiretroviral

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	32	0.452	15507	3454
1	0.000	0	0	0	0.000	517	65

Table 82: Quantidade de classes medicamentosas utilizadas

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.743	1	4	17	2.555	15507	4901
1	6.500	1	6	15	2.819	517	113

Table 83: Ventilação não invasiva

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.048	0	0	114	1.575	15507	2714
1	0.037	0	0	8	0.474	517	52

Table 84: Instalação de CEC

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.013	0	0	2	0.115	15507	2714
1	0.011	0	0	1	0.103	517	52

Table 85: Cirurgia Cardiovascular

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.058	0	0	9	0.378	15507	2714
1	0.088	0	0	9	0.586	517	52

Table 86: Transplante cardíaco

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.040	15507	2714
1	0.002	0	0	1	0.046	517	52

Table 87: Cirurgia Toracica

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	9	0.105	15507	2714
1	0.011	0	0	2	0.139	517	52

Table 88: Outros procedimentos cirúrgicos (cir geral, gastrocir, plástica, uro, vascular)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.114	0	0	22	0.577	15507	2714
1	0.181	0	0	6	0.726	517	52

Table 89: Traqueostomia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	8	0.092	15507	2714
1	0.000	0	0	0	0.000	517	52

Table 90: Intervenção coronária percutânea

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	4	0.135	15507	2714
1	0.026	0	0	3	0.216	517	52

Table 91: Intervenção cardiovascular em laboratório de hemodinâmica (alcoolização septal, valvoplastia percutânea, stent em vasos pulmonares)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	3	0.116	15507	2714
1	0.006	0	0	2	0.104	517	52

Table 92: Stent

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	1	0.009	15507	2714
1	0	0	0	0	0.000	517	52

Table 93: Angioplastia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.042	15507	2714
1	0.002	0	0	1	0.046	517	52

Table 94: Cateterismo

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.124	0	0	7	0.404	15507	2714
1	0.191	0	0	5	0.533	517	52

Table 95: Eletrofisiologia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.082	0	0	11	0.474	15507	2714
1	0.099	0	0	7	0.579	517	52

Table 96: Suporte cardiocirculatório (ECMO, BIA, Bio-PUMP)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.116	0	0	535	5.450	15507	2714
1	0.434	0	0	177	8.281	517	52

Table 97: Cateter venoso central

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.029	0	0	5	0.206	15507	2714
1	0.073	0	0	4	0.381	517	52

Table 98: Drenagem de tórax (instalação /troca) e punção pericárdica ou pleural

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	6	0.118	15507	2714
1	0.015	0	0	4	0.212	517	52

Table 99: Quantidade de procedimentos invasivos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.57	0	0	554	5.828	15507	2714
1	1.14	0	0	197	9.335	517	52

Table 100: Cardioversão/ Desfibrilação (sessão)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	5	0.129	15507	3538
1	0.004	0	0	1	0.067	517	66

Table 101: Transfusão de hemoderivados

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.052	0	0	61	0.991	15507	2714
1	0.069	0	0	16	0.806	517	52

Table 102: Interconsulta médica (Especialidades cirúrgicas, infecto, uro, nefro, psiquiatra, dermato, alergista, oncologista, geriatra, etc)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.398	0	0	199	3.424	15507	2714
1	0.873	0	0	40	3.652	517	52

Table 103: Equipe Multiprofissional (enf, fono, fisio, nutri, serviço social, psicologia)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.401	0	0	420	15.222	15507	2714
1	6.660	0	1	318	21.145	517	52

Table 104: ECG

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.061	0	2	141	6.424	15507	2714
1	6.456	0	4	140	9.059	517	52

Table 105: Holter

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.104	0	0	5	0.355	15507	2714
1	0.187	0	0	3	0.447	517	52

Table 106: Teste de esforço

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	3	0.108	15507	2714
1	0.000	0	0	0	0.000	517	52

Table 107: Espirometria / Ergoespirometria

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	2	0.068	15507	2714
1	0.006	0	0	1	0.080	517	52

Table 108: Tilt Test

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.049	15507	2714
1	0.006	0	0	1	0.080	517	52

Table 109: Polissonografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.045	15507	2714
1	0.002	0	0	1	0.046	517	52

Table 110: Quantidade de exames por métodos gráficos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.184	0	2	143	6.554	15507	2714
1	6.658	0	4	140	9.162	517	52

Table 111: Exames laboratoriais (exames bioquímicos, exames hematologia/coagulação, anticorpos, dosagem sérica de fármacos)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	66.344	0	10	3608	200.760	15507	2714
1	141.624	0	46	2342	256.007	517	52

Table 112: Culturas (hemocultura, cultura de secreções, urocultura e cultura de cateteres)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.355	0	0	48	1.563	15507	2714
1	0.794	0	0	16	1.884	517	52

Table 113: Quantidade de exames de análises clínicas

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	66.700	0	10	3645	201.998	15507	2714
1	142.417	0	46	2354	257.415	517	52

Table 114: Citologias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	8	0.144	15507	2714
1	0.043	0	0	4	0.290	517	52

Table 115: Biopsias (cardíaca, esterno, parede torácica, tumor em mediastino, pulmonar)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.015	0	0	10	0.259	15507	2714
1	0.011	0	0	4	0.191	517	52

Table 116: Quantidade de exames histopatológicos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.024	0	0	10	0.304	15507	2714
1	0.054	0	0	4	0.353	517	52

Table 117: Angio RM

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	4	0.085	15507	2714
1	0.004	0	0	2	0.093	517	52

Table 118: Angio TC

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.036	0	0	9	0.249	15507	2714
1	0.058	0	0	4	0.339	517	52

Table 119: Angiografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.049	15507	2714
1	0.006	0	0	1	0.080	517	52

Table 120: Aortografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.048	15507	2714
1	0.009	0	0	2	0.113	517	52

Table 121: Arteriografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.028	15507	2714
1	0.002	0	0	1	0.046	517	52

Table 122: Cavografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	1	0.086	15507	2714
1	0.011	0	0	1	0.103	517	52

Table 123: Cintilografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.062	0	0	5	0.346	15507	2714
1	0.172	0	0	4	0.561	517	52

Table 124: Ecocardiograma

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.562	0	0	24	1.287	15507	2714
1	0.916	0	1	18	1.711	517	52

Table 125: Exames endoscópicos (EDA, colonoscopia, retossigmoidoscopia, broncoscopia)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.019	0	0	6	0.183	15507	2714
1	0.032	0	0	2	0.220	517	52

Table 126: Flebografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.035	0	0	5	0.289	15507	2714
1	0.056	0	0	4	0.349	517	52

Table 127: PET-CT

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	3	0.079	15507	2714
1	0.011	0	0	1	0.103	517	52

Table 128: Ultrassom

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.187	0	0	28	0.885	15507	2714
1	0.533	0	0	14	1.397	517	52

Table 129: Tomografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.169	0	0	15	0.711	15507	2714
1	0.346	0	0	7	0.832	517	52

Table 130: Radiografias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.290	0	2	261	8.731	15507	2714
1	5.772	0	2	184	12.560	517	52

Table 131: Ressonancia magnetica

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.071	0	0	6	0.303	15507	2714
1	0.142	0	0	3	0.406	517	52

Table 132: Quantidade de exames diagnóstico por imagem

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.451	0	2	281	10.721	15507	2714
1	8.071	0	4	200	14.800	517	52

Table 133: Dieta enteral (frasco)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.059	0	0	195	2.563	15507	3540
1	0.295	0	0	111	5.309	517	66

Table 134: Dieta parenteral (frasco)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	14	0.147	15507	3540
1	0.000	0	0	0	0.000	517	66

Table 135: Bomba de infusão contínua (horas)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.010	0	0	1527	22.935	15507	3540
1	5.149	0	0	743	51.345	517	66

Table 136: Marca-passo temporário (por hora)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.175	0	0	180	3.324	15507	3540
1	0.175	0	0	48	2.476	517	66

Table 137: Número de procedimentos na admissão T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.016	1	1	5	0.143	15507	0
1	1.019	1	1	3	0.164	517	0

Table 138: Número de procedimentos em até 30 dias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	3	0.096	15507	0
1	0.015	0	0	1	0.124	517	0

Table 139: Número de procedimentos em até 60 dias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	3	0.100	15507	0
1	0.021	0	0	1	0.144	517	0

Table 140: Número de procedimentos em até 180 dias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	4	0.129	15507	0
1	0.019	0	0	2	0.164	517	0

Table 141: Número de procedimentos em até 1 ano

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	3	0.124	15507	0
1	0.015	0	0	2	0.138	517	0

Table 142: Quantidade de classes medicamentosas de ação cardiovascular

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.102	1	3	10	1.765	15507	6456
1	4.243	1	4	9	1.945	517	139

Table 143: Quantidade de medicamentos de ação cardiovascular

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	49.623	0	10.00	8738	177.263	15507	3454
1	126.512	0	28.75	1695	252.994	517	65

Table 144: Quantidade de antimicrobianos (antibióticos e antifúngicos)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	15.262	0	4	1812	65.93	15507	3454
1	24.053	0	4	358	53.44	517	65

Categorical variables

```
paste_matrix <- function(...,sep = " ",collapse = NULL){
    n <- max(sapply(list(...),nrow))
    p <- max(sapply(list(...),ncol))

    matrix(paste(...,sep = sep,collapse = collapse),n,p)
}
```

```
percent <- function(x) paste0("(", lapply(x, as.character), "%)")

addpercentage <- function(df, horizontal = FALSE){
  if (horizontal){
    x <- df %>%
      prop.table(margin = 1) %>%
      addmargins(FUN = list(Total = sum), quiet = TRUE) %>%
      round(2) * 100

    x[nrow(x),] <- " "
    x[-(nrow(x)),] <- lapply(x[-(nrow(x)), ], percent)
  } else {
    x <- df %>%
      prop.table(margin = 2) %>%
      addmargins(FUN = list(Total = sum), quiet = TRUE) %>%
      round(2) * 100

    x[, ncol(x)] <- " "
    x[, -(ncol(x))] <- lapply(x[, -(ncol(x))], percent)
```

```r
  }

  y <- matrix(x, nrow = nrow(df) + 1)

  df <- df %>%
    addmargins(FUN = list(Total = sum), quiet = TRUE)

  df_final <- paste_matrix(df, y)
  rownames(df_final) <- rownames(df)
  colnames(df_final) <- colnames(df)
  return(df_final)
}
```

```r
transpose_columns <- c()

for (column in columns_list$categorical_columns){
  if (length(unique(df[[column]])) > 5) next

  variable_name <- df_names %>%
    filter(variable.name == column) %>%
    .$field.label

  abbreviated_name <- df_names %>%
    filter(variable.name == column) %>%
    .$field.label

  caption <- sprintf('Contingency table between %s and %s',
                     str_replace(outcome_column, "_", " "),
                     variable_name)

  if (column %in% transpose_columns){

    temp_table <- table(df[[column]],
                        df[[outcome_column]],
                        useNA = "ifany") %>%
      addpercentage(horizontal = TRUE)

    has_na <- df[[column]] %>% is.na() %>% sum > 0

    if (has_na){
      rownames(temp_table)[nrow(temp_table) - 1] <- "NA"
    }

    t <- temp_table %>%
      as.data.frame %>%
      rownames_to_column(var=abbreviated_name) %>%
      kbl(align = "c", booktabs = T, digits = 2, format = 'latex',
          caption = caption) %>%
      row_spec(length(unique(df %>% .[[column]] %>% replace_na("NA"))),
               hline_after = T) %>%
      collapse_rows(1, latex_hline = "none") %>%
      column_spec(4, border_right = T) %>%
      add_header_above(c(setNames(1, ' '),
                         setNames(length(unique(df[[outcome_column]])),
                                  outcome_column))) %>%
      kable_styling(latex_options = c("HOLD_position", "repeat_header"))

  } else {
    temp_table <- table(df[[outcome_column]],
                        df[[column]],
                        useNA = "ifany") %>%
```

```
    addpercentage

  has_na <- df[[column]] %>% is.na() %>% sum > 0

  if (has_na){
    colnames(temp_table)[ncol(temp_table) - 1] <- "NA"
  }

  t <- temp_table %>%
    as.data.frame %>%
    rownames_to_column(var=outcome_column) %>%
    kbl(align = "c", booktabs = T, digits = 2, format = 'latex',
        caption = caption, label = i) %>%
    row_spec(2, hline_after = T) %>%
    column_spec(length(unique(df %>% .[[column]] %>% replace_na("NA"))) + 1,
                border_right = T) %>%
    collapse_rows(1, latex_hline = "none") %>%
    add_header_above(c(' ' = 1,
                       setNames(length(unique(df[[column]])),
                                abbreviated_name))) %>%
    kable_styling(latex_options = c("HOLD_position", "repeat_header"))

  }
  print(t)
  i <- i + 1
}
```

Table 145: Contingency table between death 1year and Sexo

| death_1year | Sexo | | Total |
	0	1	
0	7365 (97%)	8142 (96%)	15507
1	199 (3%)	318 (4%)	517
Total	7564 (100%)	8460 (100%)	16024

Table 146: Contingency table between death 1year and Doença cardíaca

| death_1year | Doença cardíaca | | | | Total |
	0	1	2	NA	
0	9003 (97%)	1101 (94%)	3414 (97%)	1989 (98%)	15507
1	281 (3%)	71 (6%)	117 (3%)	48 (2%)	517
Total	9284 (100%)	1172 (100%)	3531 (100%)	2037 (100%)	16024

Table 147: Contingency table between death 1year and Classe funcional de IC (NYHA)

| death_1year | Classe funcional de IC (NYHA) | | | Total |
	1	2	NA	
0	5876 (97%)	1279 (92%)	8352 (97%)	15507
1	185 (3%)	109 (8%)	223 (3%)	517
Total	6061 (100%)	1388 (100%)	8575 (100%)	16024

Table 148: Contingency table between death 1year and Hipertensão arterial

| | Hipertensão arterial | | |
death_1year	0	1	Total
0	11805 (97%)	3702 (95%)	15507
1	335 (3%)	182 (5%)	517
Total	12140 (100%)	3884 (100%)	16024

Table 149: Contingency table between death 1year and Infarto do miocárdio prévio / Doença arterial coronariana

| | Infarto do miocárdio prévio / Doença arterial coronariana | | |
death_1year	0	1	Total
0	14117 (97%)	1390 (94%)	15507
1	429 (3%)	88 (6%)	517
Total	14546 (100%)	1478 (100%)	16024

Table 150: Contingency table between death 1year and Insuficiência cardíaca

| | Insuficiência cardíaca | | |
death_1year	0	1	Total
0	9991 (98%)	5516 (95%)	15507
1	215 (2%)	302 (5%)	517
Total	10206 (100%)	5818 (100%)	16024

Table 151: Contingency table between death 1year and Fibrilação / flutter atrial

| | Fibrilação / flutter atrial | | |
death_1year	0	1	Total
0	13213 (97%)	2294 (95%)	15507
1	395 (3%)	122 (5%)	517
Total	13608 (100%)	2416 (100%)	16024

Table 152: Contingency table between death 1year and Parada cardíaca prévia/ Taquicardia ventricular instável

| | Parada cardíaca prévia/ Taquicardia ventricular instável | | |
death_1year	0	1	Total
0	13668 (97%)	1839 (96%)	15507
1	436 (3%)	81 (4%)	517
Total	14104 (100%)	1920 (100%)	16024

Table 153: Contingency table between death 1year and Transplante cardíaco prévio

death_1year	Transplante cardíaco prévio		Total
	0	1	
0	15494 (97%)	13 (100%)	15507
1	517 (3%)	0 (0%)	517
Total	16011 (100%)	13 (100%)	16024

Table 154: Contingency table between death 1year and Valvopatias/ Prótese valvares

death_1year	Valvopatias/ Prótese valvares		Total
	0	1	
0	14516 (97%)	991 (92%)	15507
1	432 (3%)	85 (8%)	517
Total	14948 (100%)	1076 (100%)	16024

Table 155: Contingency table between death 1year and Endocardite prévia

death_1year	Endocardite prévia		Total
	0	1	
0	15372 (97%)	135 (98%)	15507
1	514 (3%)	3 (2%)	517
Total	15886 (100%)	138 (100%)	16024

Table 156: Contingency table between death 1year and Diabetes melittus

death_1year	Diabetes melittus		Total
	0	1	
0	13680 (97%)	1827 (94%)	15507
1	399 (3%)	118 (6%)	517
Total	14079 (100%)	1945 (100%)	16024

Table 157: Contingency table between death 1year and Insuficiência renal crônica

death_1year	Insuficiência renal crônica		Total
	0	1	
0	14920 (97%)	587 (90%)	15507
1	454 (3%)	63 (10%)	517
Total	15374 (100%)	650 (100%)	16024

Table 158: Contingency table between death 1year and Hemodiálise

death_1year	Hemodiálise 0	1	Total
0	15491 (97%)	16 (73%)	15507
1	511 (3%)	6 (27%)	517
Total	16002 (100%)	22 (100%)	16024

Table 159: Contingency table between death 1year and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

death_1year	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios 0	1	Total
0	15032 (97%)	475 (94%)	15507
1	486 (3%)	31 (6%)	517
Total	15518 (100%)	506 (100%)	16024

Table 160: Contingency table between death 1year and Doença pulmonar obstrutiva crônica

death_1year	Doença pulmonar obstrutiva crônica 0	1	Total
0	15305 (97%)	202 (92%)	15507
1	500 (3%)	17 (8%)	517
Total	15805 (100%)	219 (100%)	16024

Table 161: Contingency table between death 1year and Neoplasia em tratamento ou tratada recentemente (12 meses)

death_1year	Neoplasia em tratamento ou tratada recentemente (12 meses) 0	1	Total
0	15400 (97%)	107 (93%)	15507
1	509 (3%)	8 (7%)	517
Total	15909 (100%)	115 (100%)	16024

Table 162: Contingency table between death 1year and Tipo de Procedimento 1

death_1year	Tipo de Procedimento 1 1	2	Total
0	10716 (96%)	4791 (98%)	15507
1	413 (4%)	104 (2%)	517
Total	11129 (100%)	4895 (100%)	16024

Table 163: Contingency table between death 1year and Tipo de Reoperação 1

| death_1year | Tipo de Reoperação 1 | | | | Total |
	1	2	3	NA	
0	3852 (98%)	907 (97%)	32 (94%)	10716 (96%)	15507
1	76 (2%)	26 (3%)	2 (6%)	413 (4%)	517
Total	3928 (100%)	933 (100%)	34 (100%)	11129 (100%)	16024

Table 164: Contingency table between death 1year and Tipo de Procedimento 1 (merge: procedure type com reop type)

| death_1year | Tipo de Procedimento 1 (merge: procedure type com reop type) | | | | Total |
	1	2	3	4	
0	10716 (96%)	3852 (98%)	907 (97%)	32 (94%)	15507
1	413 (4%)	76 (2%)	26 (3%)	2 (6%)	517
Total	11129 (100%)	3928 (100%)	933 (100%)	34 (100%)	16024

Table 165: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 1

| death_1year | Tipo de Dispositivo ao final do procedimento 1 | | | | Total |
	1	2	3	4	
0	12160 (97%)	1712 (96%)	1209 (93%)	426 (93%)	15507
1	315 (3%)	79 (4%)	89 (7%)	34 (7%)	517
Total	12475 (100%)	1791 (100%)	1298 (100%)	460 (100%)	16024

Table 166: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 1

| death_1year | Tipo de Dispositivo ao final do procedimento 1 | | Total |
	1	2	
0	13872 (97%)	1635 (93%)	15507
1	394 (3%)	123 (7%)	517
Total	14266 (100%)	1758 (100%)	16024

Table 167: Contingency table between death 1year and Óbito intraoperatório 1

| death_1year | Óbito intraoperatório 1 | | Total |
	0	1	
0	15500 (97%)	7 (100%)	15507
1	517 (3%)	0 (0%)	517
Total	16017 (100%)	7 (100%)	16024

Table 168: Contingency table between death 1year and Tipo de Reoperação 2

death_1year	Tipo de Reoperação 2				Total
	1	2	3	NA	
0	3258 (100%)	1463 (98%)	118 (98%)	10668 (96%)	15507
1	2 (0%)	30 (2%)	3 (2%)	482 (4%)	517
Total	3260 (100%)	1493 (100%)	121 (100%)	11150 (100%)	16024

Table 169: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 2

death_1year	Tipo de Dispositivo ao final do procedimento 2					Total
	1	2	3	4	NA	
0	3620 (100%)	639 (99%)	382 (98%)	198 (98%)	10668 (96%)	15507
1	18 (0%)	6 (1%)	6 (2%)	5 (2%)	482 (4%)	517
Total	3638 (100%)	645 (100%)	388 (100%)	203 (100%)	11150 (100%)	16024

Table 170: Contingency table between death 1year and Óbito intraoperatório 2

death_1year	Óbito intraoperatório 2		Total
	0	NA	
0	4846 (99%)	10661 (96%)	15507
1	35 (1%)	482 (4%)	517
Total	4881 (100%)	11143 (100%)	16024

Table 171: Contingency table between death 1year and Tipo de Reoperação 3

death_1year	Tipo de Reoperação 3				Total
	1	2	3	NA	
0	724 (100%)	570 (98%)	61 (98%)	14152 (97%)	15507
1	0 (0%)	10 (2%)	1 (2%)	506 (3%)	517
Total	724 (100%)	580 (100%)	62 (100%)	14658 (100%)	16024

Table 172: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 3

death_1year	Tipo de Dispositivo ao final do procedimento 3					Total
	1	2	3	4	NA	
0	962 (99%)	251 (100%)	157 (98%)	98 (99%)	14039 (97%)	15507
1	6 (1%)	1 (0%)	3 (2%)	1 (1%)	506 (3%)	517
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14545 (100%)	16024

Table 173: Contingency table between death 1year and Óbito intraoperatório 3

| | Óbito intraoperatório 3 | | | | |
death_1year	0	1	NA	Total
0	1465 (99%)	4 (100%)	14038 (97%)	15507
1	11 (1%)	0 (0%)	506 (3%)	517
Total	1476 (100%)	4 (100%)	14544 (100%)	16024

Table 174: Contingency table between death 1year and Tipo de Reoperação 4

| | Tipo de Reoperação 4 | | | | |
death_1year	1	2	3	NA	Total
0	192 (100%)	250 (100%)	33 (100%)	15032 (97%)	15507
1	0 (0%)	1 (0%)	0 (0%)	516 (3%)	517
Total	192 (100%)	251 (100%)	33 (100%)	15548 (100%)	16024

Table 175: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 4

| | Tipo de Dispositivo ao final do procedimento 4 | | | | | |
death_1year	1	2	3	4	NA	Total
0	287 (100%)	110 (100%)	45 (100%)	42 (100%)	15023 (97%)	15507
1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	516 (3%)	517
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15539 (100%)	16024

Table 176: Contingency table between death 1year and Óbito intraoperatório 4

| | Óbito intraoperatório 4 | | |
death_1year	0	NA	Total
0	484 (100%)	15023 (97%)	15507
1	1 (0%)	516 (3%)	517
Total	485 (100%)	15539 (100%)	16024

Table 177: Contingency table between death 1year and Tipo de Reoperação 5

| | Tipo de Reoperação 5 | | | | |
death_1year	1	2	3	NA	Total
0	71 (100%)	106 (100%)	14 (100%)	15316 (97%)	15507
1	0 (0%)	0 (0%)	0 (0%)	517 (3%)	517
Total	71 (100%)	106 (100%)	14 (100%)	15833 (100%)	16024

Table 178: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 5

death_1year	Tipo de Dispositivo ao final do procedimento 5					Total
	1	2	3	4	NA	
0	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15316 (97%)	15507
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	517 (3%)	517
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15833 (100%)	16024

Table 179: Contingency table between death 1year and Óbito intraoperatório 5

death_1year	Óbito intraoperatório 5		Total
	0	NA	
0	192 (100%)	15315 (97%)	15507
1	0 (0%)	517 (3%)	517
Total	192 (100%)	15832 (100%)	16024

Table 180: Contingency table between death 1year and Tipo de Reoperação 6

death_1year	Tipo de Reoperação 6				Total
	1	2	3	NA	
0	26 (100%)	46 (100%)	6 (100%)	15429 (97%)	15507
1	0 (0%)	0 (0%)	0 (0%)	517 (3%)	517
Total	26 (100%)	46 (100%)	6 (100%)	15946 (100%)	16024

Table 181: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 6

death_1year	Tipo de Dispositivo ao final do procedimento 6					Total
	1	2	3	4	NA	
0	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15426 (97%)	15507
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	517 (3%)	517
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15943 (100%)	16024

Table 182: Contingency table between death 1year and Óbito intraoperatório 6

death_1year	Óbito intraoperatório 6		Total
	0	NA	
0	81 (100%)	15426 (97%)	15507
1	0 (0%)	517 (3%)	517
Total	81 (100%)	15943 (100%)	16024

Table 183: Contingency table between death 1year and Tipo de Reoperação 7

death_1year	Tipo de Reoperação 7				Total
	1	2	3	NA	
0	10 (100%)	18 (100%)	4 (100%)	15475 (97%)	15507
1	0 (0%)	0 (0%)	0 (0%)	517 (3%)	517
Total	10 (100%)	18 (100%)	4 (100%)	15992 (100%)	16024

Table 184: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 7

death_1year	Tipo de Dispositivo ao final do procedimento 7					Total
	1	2	3	4	NA	
0	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15476 (97%)	15507
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	517 (3%)	517
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15993 (100%)	16024

Table 185: Contingency table between death 1year and Óbito intraoperatório 7

death_1year	Óbito intraoperatório 7		Total
	0	NA	
0	32 (100%)	15475 (97%)	15507
1	0 (0%)	517 (3%)	517
Total	32 (100%)	15992 (100%)	16024

Table 186: Contingency table between death 1year and Tipo de Reoperação 8

death_1year	Tipo de Reoperação 8			Total
	1	2	NA	
0	3 (100%)	9 (100%)	15495 (97%)	15507
1	0 (0%)	0 (0%)	517 (3%)	517
Total	3 (100%)	9 (100%)	16012 (100%)	16024

Table 187: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 8

death_1year	Tipo de Dispositivo ao final do procedimento 8				Total
	1	2	4	NA	
0	7 (100%)	4 (100%)	1 (100%)	15495 (97%)	15507
1	0 (0%)	0 (0%)	0 (0%)	517 (3%)	517
Total	7 (100%)	4 (100%)	1 (100%)	16012 (100%)	16024

Table 188: Contingency table between death 1year and Óbito intraoperatório 8

| | Óbito intraoperatório 8 | | |
death_1year	0	NA	Total
0	12 (100%)	15495 (97%)	15507
1	0 (0%)	517 (3%)	517
Total	12 (100%)	16012 (100%)	16024

Table 189: Contingency table between death 1year and Tipo de Reoperação 9

| | Tipo de Reoperação 9 | | |
death_1year	2	NA	Total
0	5 (100%)	15502 (97%)	15507
1	0 (0%)	517 (3%)	517
Total	5 (100%)	16019 (100%)	16024

Table 190: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 9

| | Tipo de Dispositivo ao final do procedimento 9 | | | |
death_1year	1	2	NA	Total
0	3 (100%)	2 (100%)	15502 (97%)	15507
1	0 (0%)	0 (0%)	517 (3%)	517
Total	3 (100%)	2 (100%)	16019 (100%)	16024

Table 191: Contingency table between death 1year and Óbito intraoperatório 9

| | Óbito intraoperatório 9 | | |
death_1year	0	NA	Total
0	5 (100%)	15502 (97%)	15507
1	0 (0%)	517 (3%)	517
Total	5 (100%)	16019 (100%)	16024

Table 192: Contingency table between death 1year and Tipo de Reoperação 10

| | Tipo de Reoperação 10 | | |
death_1year	2	NA	Total
0	1 (100%)	15506 (97%)	15507
1	0 (0%)	517 (3%)	517
Total	1 (100%)	16023 (100%)	16024

Table 193: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 10

| | Tipo de Dispositivo ao final do procedimento 10 | | |
death_1year	2	NA	Total
0	1 (100%)	15506 (97%)	15507
1	0 (0%)	517 (3%)	517
Total	1 (100%)	16023 (100%)	16024

Table 194: Contingency table between death 1year and Óbito intraoperatório 10

| | Óbito intraoperatório 10 | | |
death_1year	0	NA	Total
0	1 (100%)	15506 (97%)	15507
1	0 (0%)	517 (3%)	517
Total	1 (100%)	16023 (100%)	16024

Table 195: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2

| | Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2 | | | |
death_1year	0	1	NA	Total
0	4560 (99%)	279 (100%)	10668 (96%)	15507
1	34 (1%)	1 (0%)	482 (4%)	517
Total	4594 (100%)	280 (100%)	11150 (100%)	16024

Table 196: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3

| | Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3 | | | |
death_1year	0	1	NA	Total
0	1376 (99%)	92 (98%)	14039 (97%)	15507
1	9 (1%)	2 (2%)	506 (3%)	517
Total	1385 (100%)	94 (100%)	14545 (100%)	16024

Table 197: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4

| | Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4 | | | |
death_1year	0	1	NA	Total
0	456 (100%)	28 (100%)	15023 (97%)	15507
1	1 (0%)	0 (0%)	516 (3%)	517
Total	457 (100%)	28 (100%)	15539 (100%)	16024

Table 198: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5

| death_1year | Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5 | | | Total |
	0	1	NA	
0	182 (100%)	9 (100%)	15316 (97%)	15507
1	0 (0%)	0 (0%)	517 (3%)	517
Total	182 (100%)	9 (100%)	15833 (100%)	16024

Table 199: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6

| death_1year | Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6 | | | Total |
	0	1	NA	
0	74 (100%)	7 (100%)	15426 (97%)	15507
1	0 (0%)	0 (0%)	517 (3%)	517
Total	74 (100%)	7 (100%)	15943 (100%)	16024

Table 200: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7

| death_1year | Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7 | | | Total |
	0	1	NA	
0	28 (100%)	3 (100%)	15476 (97%)	15507
1	0 (0%)	0 (0%)	517 (3%)	517
Total	28 (100%)	3 (100%)	15993 (100%)	16024

Table 201: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8

| death_1year | Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8 | | | Total |
	0	1	NA	
0	11 (100%)	1 (100%)	15495 (97%)	15507
1	0 (0%)	0 (0%)	517 (3%)	517
Total	11 (100%)	1 (100%)	16012 (100%)	16024

Table 202: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9

| death_1year | Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9 | | Total |
	0	NA	
0	5 (100%)	15502 (97%)	15507
1	0 (0%)	517 (3%)	517
Total	5 (100%)	16019 (100%)	16024

Table 203: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10

	Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10		
death_1year	0	NA	Total
0	1 (100%)	15506 (97%)	15507
1	0 (0%)	517 (3%)	517
Total	1 (100%)	16023 (100%)	16024

Table 204: Contingency table between death 1year and Diálise durante os episódios de hospitalização

	Diálise durante os episódios de hospitalização		
death_1year	0	1	Total
0	15456 (97%)	51 (84%)	15507
1	507 (3%)	10 (16%)	517
Total	15963 (100%)	61 (100%)	16024

Table 205: Contingency table between death 1year and UTI durante os episódios de hospitalização

	UTI durante os episódios de hospitalização		
death_1year	0	1	Total
0	12273 (97%)	3234 (95%)	15507
1	347 (3%)	170 (5%)	517
Total	12620 (100%)	3404 (100%)	16024

Table 206: Contingency table between death 1year and Admissão em até 180 dias antes da T0

	Admissão em até 180 dias antes da T0		
death_1year	0	1	Total
0	14467 (97%)	1040 (93%)	15507
1	442 (3%)	75 (7%)	517
Total	14909 (100%)	1115 (100%)	16024

Table 207: Contingency table between death 1year and Readmissões pós-T0 com diálise

	Readmissões pós-T0 com diálise				
death_1year	0	1	2	3	Total
0	15489 (97%)	15 (79%)	2 (100%)	1 (100%)	15507
1	513 (3%)	4 (21%)	0 (0%)	0 (0%)	517
Total	16002 (100%)	19 (100%)	2 (100%)	1 (100%)	16024

Table 208: Contingency table between death 1year and Desfecho principal da admissão T0

| | Desfecho principal da admissão T0 | | |
death_1year	0	1	Total
0	15249 (97%)	258 (100%)	15507
1	517 (3%)	0 (0%)	517
Total	15766 (100%)	258 (100%)	16024

Table 209: Contingency table between death 1year and Readmissão cirúrgica em até 30 dias

| | Readmissão cirúrgica em até 30 dias | | |
death_1year	0	1	Total
0	15381 (97%)	126 (92%)	15507
1	506 (3%)	11 (8%)	517
Total	15887 (100%)	137 (100%)	16024

Table 210: Contingency table between death 1year and Readmissão cirúrgica entre 31 a 60 dias

| | Readmissão cirúrgica entre 31 a 60 dias | | |
death_1year	0	1	Total
0	15422 (97%)	85 (91%)	15507
1	509 (3%)	8 (9%)	517
Total	15931 (100%)	93 (100%)	16024

Table 211: Contingency table between death 1year and Readmissão cirúgica entre 61 a 180 dias

| | Readmissão cirúgica entre 61 a 180 dias | | |
death_1year	0	1	Total
0	15364 (97%)	143 (96%)	15507
1	511 (3%)	6 (4%)	517
Total	15875 (100%)	149 (100%)	16024

Table 212: Contingency table between death 1year and Readmissão cirúrgica em até 1 ano

| | Readmissão cirúrgica em até 1 ano | | |
death_1year	0	1	Total
0	15379 (97%)	128 (97%)	15507
1	513 (3%)	4 (3%)	517
Total	15892 (100%)	132 (100%)	16024

Table 213: Contingency table between death 1year and Desfecho final do estudo

death_1year	Desfecho final do estudo			Total
	1	2	3	
0	2282 (82%)	7728 (100%)	5497 (100%)	15507
1	517 (18%)	0 (0%)	0 (0%)	517
Total	2799 (100%)	7728 (100%)	5497 (100%)	16024

Table 214: Contingency table between death 1year and Ventilação mecânica / IOT

death_1year	Ventilação mecânica / IOT		Total
	1	NA	
0	2824 (95%)	12683 (97%)	15507
1	160 (5%)	357 (3%)	517
Total	2984 (100%)	13040 (100%)	16024