

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_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.514	0.0	68.9	110.6	17.969	15953	0
1	71.241	0.3	75.0	97.5	16.911	71	0

Table 2: Número de comorbidades

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.257	0	1	8	1.351	15953	0
1	2.155	0	1	7	2.026	71	0

Table 3: Ano do procedimento 1

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.585	1999	2010	2021	5.776	15953	0
1	2012.254	2003	2011	2021	5.983	71	0

Table 4: Idade no Procedimento 1

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.514	0.0	68.9	110.6	17.969	15953	0
1	71.241	0.3	75.0	97.5	16.911	71	0

Table 5: Ano do procedimento 2

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2013.079	1999	2013.0	2022	4.694	15953	11074
1	2016.500	2014	2016.5	2019	3.536	71	69

Table 6: Idade no Procedimento 2

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.123	0.0	69.15	108.7	19.268	15953	11073
1	62.950	43.6	62.95	82.3	27.365	71	69

Table 7: Ano do procedimento 3

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.312	1999	2015	2022	4.788	15953	14474
1	2019.000	2019	2019	2019	NA	71	70

Table 8: Idade no Procedimento 3

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	62.047	0.4	66.0	101.1	20.76	15953	14474
1	43.700	43.7	43.7	43.7	NA	71	70

Table 9: Ano do procedimento 4

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.46	2002	2015	2022	4.806	15953	15468
1	NaN	NA	NA	NA	NA	71	71

Table 10: Idade no Procedimento 4

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	59.625	1.9	63.7	97.7	21.921	15953	15468
1	NaN	NA	NA	NA	NA	71	71

Table 11: Ano do procedimento 5

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.234	2003	2014	2022	4.19	15953	15761
1	NaN	NA	NA	NA	NA	71	71

Table 12: Idade no Procedimento 5

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	57.845	3.2	62.75	99.7	22.035	15953	15761
1	NaN	NA	NA	NA	NA	71	71

Table 13: Ano do procedimento 6

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.728	2003	2015	2021	4.547	15953	15872
1	NaN	NA	NA	NA	NA	71	71

Table 14: Idade no Procedimento 6

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.865	6.6	58.8	101.6	22.394	15953	15872
1	NaN	NA	NA	NA	NA	71	71

Table 15: Ano do procedimento 7

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2015.656	2007	2016.5	2022	4.285	15953	15921
1	NaN	NA	NA	NA	NA	71	71

Table 16: Idade no Procedimento 7

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	51.231	8.8	57.1	81.8	20.858	15953	15921
1	NaN	NA	NA	NA	NA	71	71

Table 17: Ano do procedimento 8

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.917	2008	2015.5	2020	3.942	15953	15941
1	NaN	NA	NA	NA	NA	71	71

Table 18: Idade no Procedimento 8

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	52.283	14.3	52.9	81.8	23.027	15953	15941
1	NaN	NA	NA	NA	NA	71	71

Table 19: Ano do procedimento 9

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.8	2009	2016	2022	5.07	15953	15948
1	NaN	NA	NA	NA	NA	71	71

Table 20: Idade no Procedimento 9

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.86	15	36.6	82.2	26.06	15953	15948
1	NaN	NA	NA	NA	NA	71	71

Table 21: Ano do procedimento 10

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2019	2019	2019	2019	NA	15953	15952
1	NaN	NA	NA	NA	NA	71	71

Table 22: Idade no Procedimento 10

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.7	39.7	39.7	39.7	NA	15953	15952
1	NaN	NA	NA	NA	NA	71	71

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	73.042	0.0	83.60	197.1	40.317	15953	11073
1	0.250	0.2	0.25	0.3	0.071	71	69

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.59	0.0	60.7	170.5	39.76	15953	14474
1	0.80	0.8	0.8	0.8	NA	71	70

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.604	0	31.75	142.7	39.82	15953	15469
1	NaN	NA	NA	NA	NA	71	71

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	32.376	0	7.1	144.3	38.429	15953	15761
1	NaN	NA	NA	NA	NA	71	71

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	27.699	0	5.8	110.3	34.88	15953	15872
1	NaN	NA	NA	NA	NA	71	71

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	31.491	0	3.95	142.3	42.63	15953	15921
1	NaN	NA	NA	NA	NA	71	71

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	19.983	0.2	2.6	80.9	28.743	15953	15941
1	NaN	NA	NA	NA	NA	71	71

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	21.72	4.8	8.7	63.2	24.892	15953	15948
1	NaN	NA	NA	NA	NA	71	71

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	36.8	36.8	36.8	36.8	NA	15953	15952
1	NaN	NA	NA	NA	NA	71	71

Table 32: Número de Mudanças do tipo de DCEI

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.086	0	0.0	3	0.296	15953	11077
1	0.500	0	0.5	1	0.707	71	69

Table 33: Número de atendimentos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.370	1	2	51	2.210	15953	0
1	2.986	1	2	19	3.026	71	0

Table 34: Número da Admissão T0 (admissão índice)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.439	1	1	32	1.119	15953	0
1	2.352	1	1	17	2.829	71	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.851	0	0	50	1.680	15953	0
1	0.634	0	1	2	0.567	71	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.544	0	0	38	1.236	15953	0
1	1.451	0	1	16	2.797	71	0

Table 37: Ano da admissão T0

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.578	1999	2010	2021	5.778	15953	20
1	2012.225	2003	2011	2021	5.984	71	0

Table 38: UTI durante a admissão T0

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.957	0	0	213.00	8.192	15953	0
1	7.945	0	0	64.77	15.723	71	0

Table 39: Diálise durante a admissão T0

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.037	0	0	78	1.191	15953	0
1	0.000	0	0	0	0.000	71	0

Table 40: Readmissão em até 30 dias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.035	0	0	1	0.184	15953	0
1	0.592	0	1	1	0.495	71	0

Table 41: Readmissão entre 31 a 60 dias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.054	0	0	1	0.226	15953	0
1	0.592	0	1	1	0.495	71	0

Table 42: Readmissão entre 61 a 180 dias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.091	0	0	1	0.287	15953	0
1	0.592	0	1	1	0.495	71	0

Table 43: Readmissão em até 1 ano

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.123	0	0	1	0.329	15953	0
1	0.592	0	1	1	0.495	71	0

Table 44: Tempo de seguimento total (anos)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.811	0	4.3	22.6	5.247	15953	0
1	0.077	0	0.1	0.2	0.059	71	0

Table 45: Óbito intraoperatório

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	1	0.026	15953	0
1	0.000	0	0	0	0.000	71	0

Table 46: Óbito hospitalar (intraoperatório ou admissao T0)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.016	0	0	1	0.127	15953	0
1	0.000	0	0	0	0.000	71	0

Table 47: Óbito durante algum episódio de readmissão hospitalar

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.079	0	0	1	0.270	15953	0
1	0.563	0	1	1	0.499	71	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15953	0
1	1	1	1	1	0	71	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.016	0	0	1	0.126	15953	0
1	1.000	1	1	1	0.000	71	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.028	0	0	1	0.165	15953	0
1	1.000	1	1	1	0.000	71	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.043	0	0	1	0.203	15953	0
1	1.000	1	1	1	0.000	71	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.053	0	0	1	0.224	15953	0
1	1.000	1	1	1	0.000	71	0

Table 53: Óbito (status final)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.171	0	0	1	0.377	15953	0
1	1.000	1	1	1	0.000	71	0

Table 54: Tempo de sobrevida (anos)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.698	0	2.1	20.1	4.077	15953	14001
1	0.077	0	0.1	0.2	0.059	71	0

Table 55: Diárias no serviço de Emergência na admissão T0

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.321	0	0	28	1.364	15953	5986
1	0.551	0	0	13	1.990	71	22

Table 56: Anticoagulantes orais

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.302	0	0	98.0	2.451	15953	3513
1	0.577	0	0	14.5	2.455	71	6

Table 57: Antiarritmicos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.202	0	0	844	21.170	15953	3513
1	15.085	0	0	173	37.057	71	6

Table 58: Antihipertensivo

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.497	0	0	349	5.561	15953	3513
1	1.677	0	0	51	7.852	71	6

Table 59: Betabloqueador

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.108	0	0	388.00	8.108	15953	3513
1	1.550	0	0	32.25	5.526	71	6

Table 60: IECA/BRA

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	9.016	0	2	773	22.292	15953	3513
1	17.354	0	0	169	38.854	71	6

Table 61: DVA

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.559	0	0	1917	47.088	15953	3513
1	17.369	0	0	348	55.157	71	6

Table 62: Digoxina

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.236	0	0	50	1.670	15953	3513
1	0.469	0	0	28	3.475	71	6

Table 63: Estatinas

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.207	0	0	421	16.677	15953	3513
1	21.400	0	0	321	57.104	71	6

Table 64: Diuretico

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	11.629	0	0	2966.0	69.484	15953	3513
1	50.531	0	2	1010.5	147.729	71	6

Table 65: Vasodilator

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	10.187	0	0	3820.5	64.194	15953	3513
1	41.808	0	0	566.0	110.694	71	6

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.634	0	0	453	17.125	15953	3513
1	8.569	0	0	104	21.577	71	6

Table 67: Antagonista da Aldosterona (espironolactona)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.142	0	0	255	8.353	15953	3513
1	4.800	0	0	41	9.925	71	6

Table 68: Bloqueador do canal de calcio

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.622	0	0	509	9.555	15953	3513
1	2.354	0	0	153	18.977	71	6

Table 69: Trombolitico

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.047	15953	3513
1	0.000	0	0	0	0.000	71	6

Table 70: Antiplaquetario VO

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15953	3513
1	0	0	0	0	0	71	6

Table 71: Antiplaquetario EV

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	8	0.179	15953	3513
1	0.031	0	0	1	0.174	71	6

Table 72: Insulina

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.101	0	0	16	0.495	15953	3513
1	0.415	0	0	7	1.158	71	6

Table 73: Hipoglicemiante

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.354	0	0	90	2.823	15953	3513
1	0.262	0	0	11	1.544	71	6

Table 74: Hormonio tireoidiano

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15953	3513
1	0	0	0	0	0	71	6

Table 75: Broncodilador

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15953	3513
1	0	0	0	0	0	71	6

Table 76: Anticonvulsivante

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.034	0	0	390	11.590	15953	3513
1	2.908	0	0	100	16.309	71	6

Table 77: Psicofármacos (Ansiolítico/ antidepresivo/ antipsicótico)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.992	0	0	573	14.607	15953	3513
1	15.692	0	3	118	26.883	71	6

Table 78: Antibióticos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	15.025	0	4	1812	63.802	15953	3513
1	34.662	0	4	270	58.100	71	6

Table 79: Antifúngicos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.446	0	0	122	4.369	15953	3513
1	1.692	0	0	50	8.363	71	6

Table 80: Antiviral

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.122	0	0	131	2.743	15953	3513
1	0.062	0	0	4	0.496	71	6

Table 81: Antiretroviral

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	32	0.445	15953	3513
1	0.000	0	0	0	0.000	71	6

Table 82: Quantidade de classes medicamentosas utilizadas

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.799	1	4	17	2.580	15953	4994
1	6.569	1	7	12	3.151	71	20

Table 83: Ventilação não invasiva

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.047	0	0	114	1.552	15953	2761
1	0.136	0	0	8	0.991	71	5

Table 84: Instalação de CEC

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.013	0	0	2	0.114	15953	2761
1	0.015	0	0	1	0.123	71	5

Table 85: Cirurgia Cardiovascular

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.058	0	0	9	0.379	15953	2761
1	0.227	0	0	9	1.187	71	5

Table 86: Transplante cardíaco

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.041	15953	2761
1	0.000	0	0	0	0.000	71	5

Table 87: Cirurgia Toracica

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	9	0.106	15953	2761
1	0.000	0	0	0	0.000	71	5

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.116	0	0	22	0.582	15953	2761
1	0.197	0	0	5	0.808	71	5

Table 89: Traqueostomia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	8	0.09	15953	2761
1	0.000	0	0	0	0.00	71	5

Table 90: Intervenção coronária percutânea

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	4	0.139	15953	2761
1	0.000	0	0	0	0.000	71	5

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	3	0.114	15953	2761
1	0.045	0	0	2	0.274	71	5

Table 92: Stent

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	1	0.009	15953	2761
1	0	0	0	0	0.000	71	5

Table 93: Angioplastia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.043	15953	2761
1	0.000	0	0	0	0.000	71	5

Table 94: Cateterismo

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.126	0	0	7	0.408	15953	2761
1	0.212	0	0	3	0.569	71	5

Table 95: Eletrofisiologia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.082	0	0	11	0.478	15953	2761
1	0.106	0	0	2	0.434	71	5

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.128	0	0	535	5.588	15953	2761
1	0.000	0	0	0	0.000	71	5

Table 97: Cateter venoso central

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.030	0	0	5	0.212	15953	2761
1	0.152	0	0	3	0.533	71	5

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	6	0.123	15953	2761
1	0.000	0	0	0	0.000	71	5

Table 99: Quantidade de procedimentos invasivos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.588	0	0	554	5.998	15953	2761
1	0.955	0	0	14	2.496	71	5

Table 100: Cardioversão/ Desfibrilação (sessão)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	5	0.127	15953	3597
1	0.000	0	0	0	0.000	71	7

Table 101: Transfusão de hemoderivados

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.051	0	0	61	0.978	15953	2761
1	0.303	0	0	16	2.000	71	5

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.409	0	0	199	3.424	15953	2761
1	1.455	0	0	30	4.868	71	5

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.469	0	0.0	420	15.356	15953	2761
1	12.742	0	2.5	201	30.367	71	5

Table 104: ECG

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.128	0	2	141	6.528	15953	2761
1	7.500	0	5	51	9.343	71	5

Table 105: Holter

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.106	0	0	5	0.357	15953	2761
1	0.303	0	0	2	0.581	71	5

Table 106: Teste de esforço

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.01	0	0	3	0.107	15953	2761
1	0.00	0	0	0	0.000	71	5

Table 107: Espirometria / Ergoespirometria

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	2	0.069	15953	2761
1	0.000	0	0	0	0.000	71	5

Table 108: Tilt Test

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.051	15953	2761
1	0.000	0	0	0	0.000	71	5

Table 109: Polissonografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.045	15953	2761
1	0.000	0	0	0	0.000	71	5

Table 110: Quantidade de exames por métodos gráficos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.253	0	2	143	6.657	15953	2761
1	7.803	0	5	51	9.404	71	5

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	68.249	0	10.0	3608	202.115	15953	2761
1	216.045	0	61.5	1803	355.966	71	5

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.365	0	0	48	1.564	15953	2761
1	1.455	0	0	16	3.079	71	5

Table 113: Quantidade de exames de análises clínicas

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	68.614	0	10	3645	203.352	15953	2761
1	217.500	0	63	1817	358.245	71	5

Table 114: Citologias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	8	0.151	15953	2761
1	0.045	0	0	1	0.210	71	5

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.015	0	0	10	0.258	15953	2761
1	0.000	0	0	0	0.000	71	5

Table 116: Quantidade de exames histopatológicos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.025	0	0	10	0.307	15953	2761
1	0.045	0	0	1	0.210	71	5

Table 117: Angio RM

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	4	0.085	15953	2761
1	0.000	0	0	0	0.000	71	5

Table 118: Angio TC

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.036	0	0	9	0.251	15953	2761
1	0.106	0	0	4	0.530	71	5

Table 119: Angiografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.049	15953	2761
1	0.030	0	0	1	0.173	71	5

Table 120: Aortografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.051	15953	2761
1	0.000	0	0	0	0.000	71	5

Table 121: Arteriografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.029	15953	2761
1	0.000	0	0	0	0.000	71	5

Table 122: Cavografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	1	0.086	15953	2761
1	0.015	0	0	1	0.123	71	5

Table 123: Cintilografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.066	0	0	5	0.354	15953	2761
1	0.182	0	0	3	0.605	71	5

Table 124: Ecocardiograma

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.571	0	0	24	1.301	15953	2761
1	1.242	0	1	13	1.922	71	5

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.019	0	0	6	0.184	15953	2761
1	0.015	0	0	1	0.123	71	5

Table 126: Flebografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.036	0	0	5	0.29	15953	2761
1	0.091	0	0	2	0.42	71	5

Table 127: PET-CT

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	3	0.080	15953	2761
1	0.015	0	0	1	0.123	71	5

Table 128: Ultrassom

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.197	0	0	28	0.901	15953	2761
1	0.682	0	0	14	1.947	71	5

Table 129: Tomografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.173	0	0	15	0.711	15953	2761
1	0.576	0	0	7	1.313	71	5

Table 130: Radiografias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.347	0	2	261	8.825	15953	2761
1	9.348	0	3	119	18.156	71	5

Table 131: Ressonancia magnetica

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.073	0	0	6	0.307	15953	2761
1	0.136	0	0	1	0.346	71	5

Table 132: Quantidade de exames diagnóstico por imagem

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.539	0	2	281	10.819	15953	2761
1	12.439	0	5	141	21.305	71	5

Table 133: Dieta enteral (frasco)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.067	0	0	195	2.713	15953	3599
1	0.312	0	0	20	2.500	71	7

Table 134: Dieta parenteral (frasco)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	14	0.144	15953	3599
1	0.000	0	0	0	0.000	71	7

Table 135: Bomba de infusão contínua (horas)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.131	0	0	1527	24.406	15953	3599
1	6.766	0	0	358	45.046	71	7

Table 136: Marca-passo temporário (por hora)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.176	0	0	180	3.305	15953	3599
1	0.016	0	0	1	0.125	71	7

Table 137: Número de procedimentos na admissão T0

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.016	1	1	5	0.143	15953	0
1	1.042	1	1	3	0.264	71	0

Table 138: Número de procedimentos em até 30 dias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	3	0.097	15953	0
1	0.000	0	0	0	0.000	71	0

Table 139: Número de procedimentos em até 60 dias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	3	0.102	15953	0
1	0.000	0	0	0	0.000	71	0

Table 140: Número de procedimentos em até 180 dias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	4	0.13	15953	0
1	0.000	0	0	0	0.00	71	0

Table 141: Número de procedimentos em até 1 ano

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	3	0.124	15953	0
1	0.000	0	0	0	0.000	71	0

Table 142: Quantidade de classes medicamentosas de ação cardiovascular

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.143	1	3.0	10	1.783	15953	6570
1	4.196	1	3.5	8	2.237	71	25

Table 143: Quantidade de medicamentos de ação cardiovascular

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	51.832	0	10	8738.0	179.954	15953	3513
1	161.565	0	24	1591.5	319.823	71	6

Table 144: Quantidade de antimicrobianos (antibióticos e antifúngicos)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	15.471	0	4	1812	65.543	15953	3513
1	36.354	0	4	270	61.911	71	6

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)
```

```

}

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)
}

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 30days and Sexo

death_30days	Sexo		Total
	0	1	
0	7538 (100%)	8415 (99%)	15953
1	26 (0%)	45 (1%)	71
Total	7564 (100%)	8460 (100%)	16024

Table 146: Contingency table between death 30days and Doença cardíaca

death_30days	Doença cardíaca				Total
	0	1	2	NA	
0	9257 (100%)	1161 (99%)	3510 (99%)	2025 (99%)	15953
1	27 (0%)	11 (1%)	21 (1%)	12 (1%)	71
Total	9284 (100%)	1172 (100%)	3531 (100%)	2037 (100%)	16024

Table 147: Contingency table between death 30days and Classe funcional de IC (NYHA)

death_30days	Classe funcional de IC (NYHA)			Total
	1	2	NA	
0	6035 (100%)	1372 (99%)	8546 (100%)	15953
1	26 (0%)	16 (1%)	29 (0%)	71
Total	6061 (100%)	1388 (100%)	8575 (100%)	16024

Table 148: Contingency table between death 30days and Hipertensão arterial

death_30days	Hipertensão arterial		Total
	0	1	
0	12097 (100%)	3856 (99%)	15953
1	43 (0%)	28 (1%)	71
Total	12140 (100%)	3884 (100%)	16024

Table 149: Contingency table between death 30days and Infarto do miocárdio prévio / Doença arterial coronariana

death_30days	Infarto do miocárdio prévio / Doença arterial coronariana		Total
	0	1	
0	14488 (100%)	1465 (99%)	15953
1	58 (0%)	13 (1%)	71
Total	14546 (100%)	1478 (100%)	16024

Table 150: Contingency table between death 30days and Insuficiência cardíaca

death_30days	Insuficiência cardíaca		Total
	0	1	
0	10173 (100%)	5780 (99%)	15953
1	33 (0%)	38 (1%)	71
Total	10206 (100%)	5818 (100%)	16024

Table 151: Contingency table between death 30days and Fibrilação / flutter atrial

death_30days	Fibrilação / flutter atrial		Total
	0	1	
0	13554 (100%)	2399 (99%)	15953
1	54 (0%)	17 (1%)	71
Total	13608 (100%)	2416 (100%)	16024

Table 152: Contingency table between death 30days and Parada cardíaca prévia/ Taquicardia ventricular instável

death_30days	Parada cardíaca prévia/ Taquicardia ventricular instável		Total
	0	1	
0	14041 (100%)	1912 (100%)	15953
1	63 (0%)	8 (0%)	71
Total	14104 (100%)	1920 (100%)	16024

Table 153: Contingency table between death 30days and Transplante cardíaco prévio

death_30days	Transplante cardíaco prévio		Total
	0	1	
0	15940 (100%)	13 (100%)	15953
1	71 (0%)	0 (0%)	71
Total	16011 (100%)	13 (100%)	16024

Table 154: Contingency table between death 30days and Valvopatias/ Prótese valvares

death_30days	Valvopatias/ Prótese valvares		Total
	0	1	
0	14888 (100%)	1065 (99%)	15953
1	60 (0%)	11 (1%)	71
Total	14948 (100%)	1076 (100%)	16024

Table 155: Contingency table between death 30days and Endocardite prévia

death_30days	Endocardite prévia		Total
	0	1	
0	15816 (100%)	137 (99%)	15953
1	70 (0%)	1 (1%)	71
Total	15886 (100%)	138 (100%)	16024

Table 156: Contingency table between death 30days and Diabetes melittus

death_30days	Diabetes melittus		Total
	0	1	
0	14026 (100%)	1927 (99%)	15953
1	53 (0%)	18 (1%)	71
Total	14079 (100%)	1945 (100%)	16024

Table 157: Contingency table between death 30days and Insuficiência renal crônica

death_30days	Insuficiência renal crônica		Total
	0	1	
0	15315 (100%)	638 (98%)	15953
1	59 (0%)	12 (2%)	71
Total	15374 (100%)	650 (100%)	16024

Table 158: Contingency table between death 30days and Hemodiálise

death_30days	Hemodiálise		Total
	0	1	
0	15932 (100%)	21 (95%)	15953
1	70 (0%)	1 (5%)	71
Total	16002 (100%)	22 (100%)	16024

Table 159: Contingency table between death 30days and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

death_30days	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios		Total
	0	1	
0	15450 (100%)	503 (99%)	15953
1	68 (0%)	3 (1%)	71
Total	15518 (100%)	506 (100%)	16024

Table 160: Contingency table between death 30days and Doença pulmonar obstrutiva crônica

death_30days	Doença pulmonar obstrutiva crônica		Total
	0	1	
0	15735 (100%)	218 (100%)	15953
1	70 (0%)	1 (0%)	71
Total	15805 (100%)	219 (100%)	16024

Table 161: Contingency table between death 30days and Neoplasia em tratamento ou tratada recentemente (12 meses)

death_30days	Neoplasia em tratamento ou tratada recentemente (12 meses)		Total
	0	1	
0	15840 (100%)	113 (98%)	15953
1	69 (0%)	2 (2%)	71
Total	15909 (100%)	115 (100%)	16024

Table 162: Contingency table between death 30days and Tipo de Procedimento 1

death_30days	Tipo de Procedimento 1		Total
	1	2	
0	11068 (99%)	4885 (100%)	15953
1	61 (1%)	10 (0%)	71
Total	11129 (100%)	4895 (100%)	16024

Table 163: Contingency table between death 30days and Tipo de Reoperação 1

death_30days	Tipo de Reoperação 1				Total
	1	2	3	NA	
0	3922 (100%)	929 (100%)	34 (100%)	11068 (99%)	15953
1	6 (0%)	4 (0%)	0 (0%)	61 (1%)	71
Total	3928 (100%)	933 (100%)	34 (100%)	11129 (100%)	16024

Table 164: Contingency table between death 30days and Tipo de Procedimento 1 (merge: procedure type com reop type)

death_30days	Tipo de Procedimento 1 (merge: procedure type com reop type)				Total
	1	2	3	4	
0	11068 (99%)	3922 (100%)	929 (100%)	34 (100%)	15953
1	61 (1%)	6 (0%)	4 (0%)	0 (0%)	71
Total	11129 (100%)	3928 (100%)	933 (100%)	34 (100%)	16024

Table 165: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 1

death_30days	Tipo de Dispositivo ao final do procedimento 1				Total
	1	2	3	4	
0	12432 (100%)	1780 (99%)	1286 (99%)	455 (99%)	15953
1	43 (0%)	11 (1%)	12 (1%)	5 (1%)	71
Total	12475 (100%)	1791 (100%)	1298 (100%)	460 (100%)	16024

Table 166: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 1

death_30days	Tipo de Dispositivo ao final do procedimento 1		Total
	1	2	
0	14212 (100%)	1741 (99%)	15953
1	54 (0%)	17 (1%)	71
Total	14266 (100%)	1758 (100%)	16024

Table 167: Contingency table between death 30days and Óbito intraoperatório 1

death_30days	Óbito intraoperatório 1		Total
	0	1	
0	15946 (100%)	7 (100%)	15953
1	71 (0%)	0 (0%)	71
Total	16017 (100%)	7 (100%)	16024

Table 168: Contingency table between death 30days and Tipo de Reoperação 2

death_30days	Tipo de Reoperação 2				Total
	1	2	3	NA	
0	3260 (100%)	1491 (100%)	121 (100%)	11081 (99%)	15953
1	0 (0%)	2 (0%)	0 (0%)	69 (1%)	71
Total	3260 (100%)	1493 (100%)	121 (100%)	11150 (100%)	16024

Table 169: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 2

death_30days	Tipo de Dispositivo ao final do procedimento 2					Total
	1	2	3	4	NA	
0	3637 (100%)	644 (100%)	388 (100%)	203 (100%)	11081 (99%)	15953
1	1 (0%)	1 (0%)	0 (0%)	0 (0%)	69 (1%)	71
Total	3638 (100%)	645 (100%)	388 (100%)	203 (100%)	11150 (100%)	16024

Table 170: Contingency table between death 30days and Óbito intraoperatório 2

death_30days	Óbito intraoperatório 2		Total
	0	NA	
0	4879 (100%)	11074 (99%)	15953
1	2 (0%)	69 (1%)	71
Total	4881 (100%)	11143 (100%)	16024

Table 171: Contingency table between death 30days and Tipo de Reoperação 3

death_30days	Tipo de Reoperação 3				Total
	1	2	3	NA	
0	724 (100%)	579 (100%)	62 (100%)	14588 (100%)	15953
1	0 (0%)	1 (0%)	0 (0%)	70 (0%)	71
Total	724 (100%)	580 (100%)	62 (100%)	14658 (100%)	16024

Table 172: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 3

death_30days	Tipo de Dispositivo ao final do procedimento 3					Total
	1	2	3	4	NA	
0	967 (100%)	252 (100%)	160 (100%)	99 (100%)	14475 (100%)	15953
1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	70 (0%)	71
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14545 (100%)	16024

Table 173: Contingency table between death 30days and Óbito intraoperatório 3

death_30days	Óbito intraoperatório 3			Total
	0	1	NA	
0	1475 (100%)	4 (100%)	14474 (100%)	15953
1	1 (0%)	0 (0%)	70 (0%)	71
Total	1476 (100%)	4 (100%)	14544 (100%)	16024

Table 174: Contingency table between death 30days and Tipo de Reoperação 4

death_30days	Tipo de Reoperação 4				Total
	1	2	3	NA	
0	192 (100%)	251 (100%)	33 (100%)	15477 (100%)	15953
1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	192 (100%)	251 (100%)	33 (100%)	15548 (100%)	16024

Table 175: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 4

death_30days	Tipo de Dispositivo ao final do procedimento 4					Total
	1	2	3	4	NA	
0	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15468 (100%)	15953
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15539 (100%)	16024

Table 176: Contingency table between death 30days and Óbito intraoperatório 4

death_30days	Óbito intraoperatório 4		Total
	0	NA	
0	485 (100%)	15468 (100%)	15953
1	0 (0%)	71 (0%)	71
Total	485 (100%)	15539 (100%)	16024

Table 177: Contingency table between death 30days and Tipo de Reoperação 5

death_30days	Tipo de Reoperação 5				Total
	1	2	3	NA	
0	71 (100%)	106 (100%)	14 (100%)	15762 (100%)	15953
1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	71 (100%)	106 (100%)	14 (100%)	15833 (100%)	16024

Table 178: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 5

death_30days	Tipo de Dispositivo ao final do procedimento 5					Total
	1	2	3	4	NA	
0	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15762 (100%)	15953
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15833 (100%)	16024

Table 179: Contingency table between death 30days and Óbito intraoperatório 5

death_30days	Óbito intraoperatório 5		Total
	0	NA	
0	192 (100%)	15761 (100%)	15953
1	0 (0%)	71 (0%)	71
Total	192 (100%)	15832 (100%)	16024

Table 180: Contingency table between death 30days and Tipo de Reoperação 6

death_30days	Tipo de Reoperação 6				Total
	1	2	3	NA	
0	26 (100%)	46 (100%)	6 (100%)	15875 (100%)	15953
1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	26 (100%)	46 (100%)	6 (100%)	15946 (100%)	16024

Table 181: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 6

death_30days	Tipo de Dispositivo ao final do procedimento 6					Total
	1	2	3	4	NA	
0	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15872 (100%)	15953
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15943 (100%)	16024

Table 182: Contingency table between death 30days and Óbito intraoperatório 6

death_30days	Óbito intraoperatório 6		Total
	0	NA	
0	81 (100%)	15872 (100%)	15953
1	0 (0%)	71 (0%)	71
Total	81 (100%)	15943 (100%)	16024

Table 183: Contingency table between death 30days and Tipo de Reoperação 7

death_30days	Tipo de Reoperação 7				Total
	1	2	3	NA	
0	10 (100%)	18 (100%)	4 (100%)	15921 (100%)	15953
1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	10 (100%)	18 (100%)	4 (100%)	15992 (100%)	16024

Table 184: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 7

death_30days	Tipo de Dispositivo ao final do procedimento 7					Total
	1	2	3	4	NA	
0	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15922 (100%)	15953
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15993 (100%)	16024

Table 185: Contingency table between death 30days and Óbito intraoperatório 7

death_30days	Óbito intraoperatório 7		Total
	0	NA	
0	32 (100%)	15921 (100%)	15953
1	0 (0%)	71 (0%)	71
Total	32 (100%)	15992 (100%)	16024

Table 186: Contingency table between death 30days and Tipo de Reoperação 8

death_30days	Tipo de Reoperação 8			Total
	1	2	NA	
0	3 (100%)	9 (100%)	15941 (100%)	15953
1	0 (0%)	0 (0%)	71 (0%)	71
Total	3 (100%)	9 (100%)	16012 (100%)	16024

Table 187: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 8

death_30days	Tipo de Dispositivo ao final do procedimento 8				Total
	1	2	4	NA	
0	7 (100%)	4 (100%)	1 (100%)	15941 (100%)	15953
1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	7 (100%)	4 (100%)	1 (100%)	16012 (100%)	16024

Table 188: Contingency table between death 30days and Óbito intraoperatório 8

death_30days	Óbito intraoperatório 8		Total
	0	NA	
0	12 (100%)	15941 (100%)	15953
1	0 (0%)	71 (0%)	71
Total	12 (100%)	16012 (100%)	16024

Table 189: Contingency table between death 30days and Tipo de Reoperação 9

death_30days	Tipo de Reoperação 9		Total
	2	NA	
0	5 (100%)	15948 (100%)	15953
1	0 (0%)	71 (0%)	71
Total	5 (100%)	16019 (100%)	16024

Table 190: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 9

death_30days	Tipo de Dispositivo ao final do procedimento 9			Total
	1	2	NA	
0	3 (100%)	2 (100%)	15948 (100%)	15953
1	0 (0%)	0 (0%)	71 (0%)	71
Total	3 (100%)	2 (100%)	16019 (100%)	16024

Table 191: Contingency table between death 30days and Óbito intraoperatório 9

death_30days	Óbito intraoperatório 9		Total
	0	NA	
0	5 (100%)	15948 (100%)	15953
1	0 (0%)	71 (0%)	71
Total	5 (100%)	16019 (100%)	16024

Table 192: Contingency table between death 30days and Tipo de Reoperação 10

death_30days	Tipo de Reoperação 10		Total
	2	NA	
0	1 (100%)	15952 (100%)	15953
1	0 (0%)	71 (0%)	71
Total	1 (100%)	16023 (100%)	16024

Table 193: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 10

death_30days	Tipo de Dispositivo ao final do procedimento 10		Total
	2	NA	
0	1 (100%)	15952 (100%)	15953
1	0 (0%)	71 (0%)	71
Total	1 (100%)	16023 (100%)	16024

Table 194: Contingency table between death 30days and Óbito intraoperatório 10

death_30days	Óbito intraoperatório 10		Total
	0	NA	
0	1 (100%)	15952 (100%)	15953
1	0 (0%)	71 (0%)	71
Total	1 (100%)	16023 (100%)	16024

Table 195: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2

death_30days	Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2			Total
	0	1	NA	
0	4592 (100%)	280 (100%)	11081 (99%)	15953
1	2 (0%)	0 (0%)	69 (1%)	71
Total	4594 (100%)	280 (100%)	11150 (100%)	16024

Table 196: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3

death_30days	Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3			Total
	0	1	NA	
0	1385 (100%)	93 (99%)	14475 (100%)	15953
1	0 (0%)	1 (1%)	70 (0%)	71
Total	1385 (100%)	94 (100%)	14545 (100%)	16024

Table 197: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4

death_30days	Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4			Total
	0	1	NA	
0	457 (100%)	28 (100%)	15468 (100%)	15953
1	0 (0%)	0 (0%)	71 (0%)	71
Total	457 (100%)	28 (100%)	15539 (100%)	16024

Table 198: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5

death_30days	Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5			Total
	0	1	NA	
0	182 (100%)	9 (100%)	15762 (100%)	15953
1	0 (0%)	0 (0%)	71 (0%)	71
Total	182 (100%)	9 (100%)	15833 (100%)	16024

Table 199: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6

death_30days	Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6			Total
	0	1	NA	
0	74 (100%)	7 (100%)	15872 (100%)	15953
1	0 (0%)	0 (0%)	71 (0%)	71
Total	74 (100%)	7 (100%)	15943 (100%)	16024

Table 200: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7

death_30days	Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7			Total
	0	1	NA	
0	28 (100%)	3 (100%)	15922 (100%)	15953
1	0 (0%)	0 (0%)	71 (0%)	71
Total	28 (100%)	3 (100%)	15993 (100%)	16024

Table 201: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8

death_30days	Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8			Total
	0	1	NA	
0	11 (100%)	1 (100%)	15941 (100%)	15953
1	0 (0%)	0 (0%)	71 (0%)	71
Total	11 (100%)	1 (100%)	16012 (100%)	16024

Table 202: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9

death_30days	Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9		Total
	0	NA	
0	5 (100%)	15948 (100%)	15953
1	0 (0%)	71 (0%)	71
Total	5 (100%)	16019 (100%)	16024

Table 203: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10

death_30days	Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10		Total
	0	NA	
0	1 (100%)	15952 (100%)	15953
1	0 (0%)	71 (0%)	71
Total	1 (100%)	16023 (100%)	16024

Table 204: Contingency table between death 30days and Diálise durante os episódios de hospitalização

death_30days	Diálise durante os episódios de hospitalização		Total
	0	1	
0	15892 (100%)	61 (100%)	15953
1	71 (0%)	0 (0%)	71
Total	15963 (100%)	61 (100%)	16024

Table 205: Contingency table between death 30days and UTI durante os episódios de hospitalização

death_30days	UTI durante os episódios de hospitalização		Total
	0	1	
0	12575 (100%)	3378 (99%)	15953
1	45 (0%)	26 (1%)	71
Total	12620 (100%)	3404 (100%)	16024

Table 206: Contingency table between death 30days and Admissão em até 180 dias antes da T0

death_30days	Admissão em até 180 dias antes da T0		Total
	0	1	
0	14852 (100%)	1101 (99%)	15953
1	57 (0%)	14 (1%)	71
Total	14909 (100%)	1115 (100%)	16024

Table 207: Contingency table between death 30days and Readmissões pós-T0 com diálise

death_30days	Readmissões pós-T0 com diálise				Total
	0	1	2	3	
0	15931 (100%)	19 (100%)	2 (100%)	1 (100%)	15953
1	71 (0%)	0 (0%)	0 (0%)	0 (0%)	71
Total	16002 (100%)	19 (100%)	2 (100%)	1 (100%)	16024

Table 208: Contingency table between death 30days and Desfecho principal da admissão T0

death_30days	Desfecho principal da admissão T0		Total
	0	1	
0	15695 (100%)	258 (100%)	15953
1	71 (0%)	0 (0%)	71
Total	15766 (100%)	258 (100%)	16024

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

death_30days	Readmissão cirúrgica em até 30 dias		Total
	0	1	
0	15816 (100%)	137 (100%)	15953
1	71 (0%)	0 (0%)	71
Total	15887 (100%)	137 (100%)	16024

Table 210: Contingency table between death 30days and Readmissão cirúrgica entre 31 a 60 dias

death_30days	Readmissão cirúrgica entre 31 a 60 dias		Total
	0	1	
0	15860 (100%)	93 (100%)	15953
1	71 (0%)	0 (0%)	71
Total	15931 (100%)	93 (100%)	16024

Table 211: Contingency table between death 30days and Readmissão cirúrgica entre 61 a 180 dias

death_30days	Readmissão cirúrgica entre 61 a 180 dias		Total
	0	1	
0	15804 (100%)	149 (100%)	15953
1	71 (0%)	0 (0%)	71
Total	15875 (100%)	149 (100%)	16024

Table 212: Contingency table between death 30days and Readmissão cirúrgica em até 1 ano

death_30days	Readmissão cirúrgica em até 1 ano		Total
	0	1	
0	15821 (100%)	132 (100%)	15953
1	71 (0%)	0 (0%)	71
Total	15892 (100%)	132 (100%)	16024

Table 213: Contingency table between death 30days and Desfecho final do estudo

death_30days	Desfecho final do estudo			Total
	1	2	3	
0	2728 (97%)	7728 (100%)	5497 (100%)	15953
1	71 (3%)	0 (0%)	0 (0%)	71
Total	2799 (100%)	7728 (100%)	5497 (100%)	16024

Table 214: Contingency table between death 30days and Ventilação mecânica / IOT

death_30days	Ventilação mecânica / IOT		Total
	1	NA	
0	2963 (99%)	12990 (100%)	15953
1	21 (1%)	50 (0%)	71
Total	2984 (100%)	13040 (100%)	16024