Tables - death_30days

Eduardo Yuki Yada

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

if (outcome_column == 'general') {
  df <- df %>% mutate(general = 'All')
}

df[columns_list$outcome_columns] <- lapply(df[columns_list$outcome_columns], as.character)
df[columns_list$outcome_columns] <- lapply(df[columns_list$outcome_columns], as.integer)
```

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	65.585	0.0	68.9	110.6	17.774	15695	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	1.247	0	1	8	1.347	15695	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	2010.582	1999	2010	2021	5.785	15695	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	65.585	0.0	68.9	110.6	17.774	15695	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	2013.086	1999	2013.0	2022	4.683	15695	10836
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	65.137	0.0	69.20	108.7	19.262	15695	10835
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	2014.318	1999	2015	2022	4.783	15695	14219
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	62.017	0.4	66.0	101.1	20.749	15695	14219
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	15695	15210
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	15695	15210
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	15695	15503
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	15695	15503
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	15695	15614
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	15695	15614
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	15695	15663
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	15695	15663
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	15695	15683
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	15695	15683
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	15695	15690
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	15695	15690
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	15695	15694
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	15695	15694
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	73.34	0.0	83.70	197.1	40.131	15695	10835
1	0.25	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	55.702	0.0	60.75	170.5	39.722	15695	14219
1	0.800	0.8	0.80	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	15695	15211
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	15695	15503
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	15695	15614
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	15695	15663
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	15695	15683
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	15695	15690
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	15695	15694
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	15695	10838
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	2.378	1	2	51	2.218	15695	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	1.431	1	1	32	1.107	15695	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	0.865	0	0	50	1.690	15695	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	0.537	0	0	38	1.227	15695	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	2010.574	1999	2010	2021	5.786	15695	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	1.614	0	0	191.95	6.646	15695	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	0.011	0	0	28	0.419	15695	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	0.036	0	0	1	0.186	15695	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	0.055	0	0	1	0.228	15695	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	0.092	0	0	1	0.289	15695	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	0.126	0	0	1	0.331	15695	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	5.906	0	4.5	22.6	5.237	15695	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	0	0	1	0.016	15695	0
1	0	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	0	0	1	0.016	15695	0
1	0	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	0.081	0	0	1	0.272	15695	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	15695	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	0.017	0	0	1	0.127	15695	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	0.166	15695	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	0.044	0	0	1	0.204	15695	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	0.054	0	0	1	0.225	15695	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	0.157	0	0	1	0.364	15695	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	4.251	0	2.9	20.1	4.103	15695	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	0.314	0	0	28	1.35	15695	5907
1	0.551	0	0	13	1.99	71	22

Table 56: Anticoagulantes orais

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.296	0	0	98.0	2.433	15695	3477
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	3.655	0	0	844	18.530	15695	3477
1	15.085	0	0	173	37.057	71	6

Table 58: Antihipertensivo

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.462	0	0	349	5.340	15695	3477
1	1.677	0	0	51	7.852	71	6

Table 59: Betabloqueador

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.086	0	0	388.00	8.084	15695	3477
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	8.836	0	2	530	20.493	15695	3477
1	17.354	0	0	169	38.854	71	6

Table 61: DVA

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.987	0	0	1044	28.831	15695	3477
1	17.369	0	0	348	55.157	71	6

Table 62: Digoxina

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.232	0	0	50	1.623	15695	3477
1	0.469	0	0	28	3.475	71	6

Table 63: Estatinas

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.039	0	0	421	16.029	15695	3477
1	21.400	0	0	321	57.104	71	6

Table 64: Diuretico

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	8.253	0	0	1290.0	43.591	15695	3477
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	8.810	0	0	2408	49.474	15695	3477
1	41.808	0	0	566	110.694	71	6

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.447	0	0	453	16.461	15695	3477
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	2.023	0	0	204	7.744	15695	3477
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	0.607	0	0	509	9.520	15695	3477
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	0.039	15695	3477
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	15695	3477
1	0	0	0	0	0	71	6

Table 71: Antiplaquetario EV

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.010	0	0	8	0.174	15695	3477
1	0.031	0	0	1	0.174	71	6

Table 72: Insulina

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.093	0	0	16	0.464	15695	3477
1	0.415	0	0	7	1.158	71	6

Table 73: Hipoglicemiante

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.360	0	0	90	2.848	15695	3477
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	15695	3477
1	0	0	0	0	0	71	6

Table 75: Broncodiltador

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15695	3477
1	0	0	0	0	0	71	6

Table 76: Anticonvulsivante

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.869	0	0	390	10.563	15695	3477
1	2.908	0	0	100	16.309	71	6

Table 77: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.615	0	0	387	12.275	15695	3477
1	15.692	0	3	118	26.883	71	6

Table 78: Antibióticos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	13.258	0	4	1812	59.495	15695	3477
1	34.662	0	4	270	58.100	71	6

Table 79: Antifúngicos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.271	0	0	122	3.182	15695	3477
1	1.692	0	0	50	8.363	71	6

Table 80: Antiviral

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.103	0	0	131	2.495	15695	3477
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	0.449	15695	3477
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	4.737	1	4	17	2.537	15695	4935
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	0.018	0	0	42	0.622	15695	2729
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	0.012	0	0	2	0.109	15695	2729
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	0.055	0	0	9	0.365	15695	2729
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	0.04	15695	2729
1	0.000	0	0	0	0.00	71	5

Table 87: Cirurgia Toracica

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	4	0.067	15695	2729
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	0.106	0	0	11	0.526	15695	2729
1	0.197	0	0	5	0.808	71	5

Table 89: Traqueostomia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	5	0.056	15695	2729
1	0.000	0	0	0	0.000	71	5

Table 90: Intervenção coronária percutânea

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	4	0.13	15695	2729
1	0.000	0	0	0	0.00	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	0.115	15695	2729
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	0	0	15695	2729
1	0	0	0	0	0	71	5

Table 93: Angioplastia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.039	15695	2729
1	0.000	0	0	0	0.000	71	5

Table 94: Cateterismo

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.122	0	0	7	0.402	15695	2729
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	0.475	15695	2729
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	0.107	0	0	535	5.491	15695	2729
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	0.028	0	0	4	0.200	15695	2729
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	0.005	0	0	6	0.106	15695	2729
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	0.541	0	0	554	5.886	15695	2729
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	0.006	0	0	5	0.121	15695	3559
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	0.029	0	0	34	0.511	15695	2729
1	0.303	0	0	16	2.000	71	5

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.345	0	0	199	2.766	15695	2729
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	2.947	0	0.0	365	12.759	15695	2729
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	3.875	0	2	140	5.737	15695	2729
1	7.500	0	5	51	9.343	71	5

Table 105: Holter

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.104	0	0	5	0.351	15695	2729
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	0.108	15695	2729
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	0.005	0	0	2	0.07	15695	2729
1	0.000	0	0	0	0.00	71	5

Table 108: Tilt Test

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.051	15695	2729
1	0.000	0	0	0	0.000	71	5

Table 109: Polissonografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.044	15695	2729
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	3.997	0	2	140	5.878	15695	2729
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	58.371	0	10.0	3474	164.549	15695	2729
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	0.287	0	0	25	1.116	15695	2729
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	58.658	0	10	3487	165.409	15695	2729
1	217.500	0	63	1817	358.245	71	5

Table 114: Citologias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	5	0.10	15695	2729
1	0.045	0	0	1	0.21	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	15695	2729
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	0.021	0	0	10	0.285	15695	2729
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	0.086	15695	2729
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	0.034	0	0	6	0.23	15695	2729
1	0.106	0	0	4	0.53	71	5

Table 119: Angiografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.050	15695	2729
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	0.05	15695	2729
1	0.000	0	0	0	0.00	71	5

Table 121: Arteriografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.028	15695	2729
1	0.000	0	0	0	0.000	71	5

Table 122: Cavografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	1	0.084	15695	2729
1	0.015	0	0	1	0.123	71	5

Table 123: Cintilografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.065	0	0	5	0.353	15695	2729
1	0.182	0	0	3	0.605	71	5

Table 124: Ecocardiograma

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.530	0	0	24	1.200	15695	2729
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	0.015	0	0	6	0.168	15695	2729
1	0.015	0	0	1	0.123	71	5

Table 126: Flebografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.035	0	0	5	0.287	15695	2729
1	0.091	0	0	2	0.420	71	5

Table 127: PET-CT

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	3	0.075	15695	2729
1	0.015	0	0	1	0.123	71	5

Table 128: Ultrassom

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.169	0	0	14	0.763	15695	2729
1	0.682	0	0	14	1.947	71	5

Table 129: Tomografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.155	0	0	15	0.650	15695	2729
1	0.576	0	0	7	1.313	71	5

Table 130: Radiografias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.927	0	2	192	6.975	15695	2729
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	0.308	15695	2729
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	4.023	0	2	232	8.758	15695	2729
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	0.034	0	0	115	1.705	15695	3561
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	0.001	0	0	5	0.061	15695	3561
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	0.909	0	0	1527	22.836	15695	3561
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	0.159	0	0	180	3.027	15695	3561
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	1.015	1	1	5	0.138	15695	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	0.098	15695	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	0.103	15695	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	0.013	0	0	4	0.132	15695	0
1	0.000	0	0	0	0.000	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	0.125	15695	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	3.106	1	3.0	10	1.765	15695	6510
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	43.398	0	10	5140.0	131.161	15695	3477
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	13.530	0	4	1812	60.606	15695	3477
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

	Sexo		
death_30days	0	1	Total
0	7423 (100%)	8272 (99%)	15695
1	26 (0%)	45 (1%)	71
Total	7449 (100%)	8317 (100%)	15766

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

	Doença cardíaca				
death_30days	0	1	2	NA	Total
0	9129 (100%)	1132 (99%)	3442 (99%)	1992 (99%)	15695
1	27 (0%)	11 (1%)	21 (1%)	12 (1%)	71
Total	9156 (100%)	1143 (100%)	3463 (100%)	2004 (100%)	15766

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

	Classe funcional de IC (NYHA)			
death_30days	1	2	NA	Total
0	5969 (100%)	1330 (99%)	8396 (100%)	15695
1	26 (0%)	16 (1%)	29 (0%)	71
Total	5995 (100%)	1346 (100%)	8425 (100%)	15766

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

	Hipertensão arterial		
death_30days	0	1	Total
0	11890 (100%)	3805 (99%)	15695
1	43 (0%)	28 (1%)	71
Total	11933 (100%)	3833 (100%)	15766

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

	Infarto do miocárdio prévio / Doença arterial coronariana		
death_30days	0	1	Total
0	14265 (100%)	1430 (99%)	15695
1	58 (0%)	13 (1%)	71
Total	14323 (100%)	1443 (100%)	15766

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

	Insuficiência cardíaca		
death_30days	0	1	Total
0	10092 (100%)	5603 (99%)	15695
1	33 (0%)	38 (1%)	71
Total	10125 (100%)	5641 (100%)	15766

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

	Fibrilação / flutter atrial		
death_30days	0	1	Total
0	13329 (100%)	2366 (99%)	15695
1	54 (0%)	17 (1%)	71
Total	13383 (100%)	2383 (100%)	15766

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

	Parada cardíaca prévia/ Taquicardia ventricular instável		
death_30days	0	1	Total
0	13810 (100%)	1885 (100%)	15695
1	63 (0%)	8 (0%)	71
Total	13873 (100%)	1893 (100%)	15766

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

	Transplante cardíaco prévio		
death_30days	0	1	Total
0	15683 (100%)	12 (100%)	15695
1	71 (0%)	0 (0%)	71
Total	15754 (100%)	12 (100%)	15766

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

	Valvopatias/ Prótese valvares		
death_30days	0	1	Total
0	14652 (100%)	1043 (99%)	15695
1	60 (0%)	11 (1%)	71
Total	14712 (100%)	1054 (100%)	15766

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

	Endocardite prévia		
death_30days	0	1	Total
0	15563 (100%)	132 (99%)	15695
1	70 (0%)	1 (1%)	71
Total	15633 (100%)	133 (100%)	15766

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

	Diabetes melittus		
death_30days	0	1	Total
0	13837 (100%)	1858 (99%)	15695
1	53 (0%)	18 (1%)	71
Total	13890 (100%)	1876 (100%)	15766

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

	Insuficiência renal crônica		
death_30days	0	1	Total
0	15087 (100%)	608 (98%)	15695
1	59 (0%)	12 (2%)	71
Total	15146 (100%)	620 (100%)	15766

Table 158: Contingency table between death 30days and Hemodiálise

	Hemodiálise		
death_30days	0	1	Total
0	15677 (100%)	18 (95%)	15695
1	70 (0%)	1 (5%)	71
Total	15747 (100%)	19 (100%)	15766

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

	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios		
death_30days	0	1	Total
0	15199 (100%)	496 (99%)	15695
1	68 (0%)	3 (1%)	71
Total	15267 (100%)	499 (100%)	15766

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

	Doença pulmonar obstrutiva crônica		
death_30days	0	1	Total
0	15483 (100%)	212 (100%)	15695
1	70 (0%)	1 (0%)	71
Total	15553 (100%)	213 (100%)	15766

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

	Neoplasia em tratamento ou tratada recentemente (12 meses)		
death_30days	0	1	Total
0	15584 (100%)	111 (98%)	15695
1	69 (0%)	2 (2%)	71
Total	15653 (100%)	113 (100%)	15766

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

	Tipo de Procedimento 1		
death_30days	1	2	Total
0	10851 (99%)	4844 (100%)	15695
1	61 (1%)	10 (0%)	71
Total	10912 (100%)	4854 (100%)	15766

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

	Tipo de Reoperação 1				
death_30days	1	2	3	NA	Total
0	3906 (100%)	905 (100%)	33 (100%)	10851 (99%)	15695
1	6 (0%)	4 (0%)	0 (0%)	61 (1%)	71
Total	3912 (100%)	909 (100%)	33 (100%)	10912 (100%)	15766

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

	Tipo de Procedimento 1 (merge: procedure type com reop type)				
death_30days	1	2	3	4	Total
0	10851 (99%)	3906 (100%)	905 (100%)	33 (100%)	15695
1	61 (1%)	6 (0%)	4 (0%)	0 (0%)	71
Total	10912 (100%)	3912 (100%)	909 (100%)	33 (100%)	15766

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

	Tipo de Dispositivo ao final do procedimento 1				
death_30days	1	2	3	4	Total
0	12252 (100%)	1761 (99%)	1242 (99%)	440 (99%)	15695
1	43 (0%)	11 (1%)	12 (1%)	5 (1%)	71
Total	12295 (100%)	1772 (100%)	1254 (100%)	445 (100%)	15766

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

	Tipo de Dispositivo ao final do procedimento 1		
death_30days	1	2	Total
0	14013 (100%)	1682 (99%)	15695
1	54 (0%)	17 (1%)	71
Total	14067 (100%)	1699 (100%)	15766

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

	Óbito intraoperatório 1	
death_30days	0	Total
0	15695 (100%)	15695
1	71 (0%)	71
Total	15766 (100%)	15766

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

	Tipo de Reoperação 2				
death_30days	1	2	3	NA	Total
0	3259 (100%)	1472 (100%)	121 (100%)	10843 (99%)	15695
1	0 (0%)	2 (0%)	0 (0%)	69 (1%)	71
Total	3259 (100%)	1474 (100%)	121 (100%)	10912 (100%)	15766

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

	Tipo de Dispositivo ao final do procedimento 2					
death_30days	1	2	3	4	NA	Total
0	3622 (100%)	641 (100%)	387 (100%)	203 (100%)	10842 (99%)	15695
1	1 (0%)	1 (0%)	0 (0%)	0 (0%)	69 (1%)	71
Total	3623 (100%)	642 (100%)	387 (100%)	203 (100%)	10911 (100%)	15766

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

	Óbito intraoperatório 2		
death_30days	0	NA	Total
0	4859 (100%)	10836 (99%)	15695
1	2 (0%)	69 (1%)	71
Total	4861 (100%)	10905 (100%)	15766

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

	Tipo de Reoperação 3				
death_30days	1	2	3	NA	Total
0	723 (100%)	577 (100%)	62 (100%)	14333 (100%)	15695
1	0 (0%)	1 (0%)	0 (0%)	70 (0%)	71
Total	723 (100%)	578 (100%)	62 (100%)	14403 (100%)	15766

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

	Tipo de Dispositivo ao final do procedimento 3					
death_30days	1	2	3	4	NA	Total
0	965 (100%)	251 (100%)	160 (100%)	99 (100%)	14220 (100%)	15695
1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	70 (0%)	71
Total	966 (100%)	251 (100%)	160 (100%)	99 (100%)	14290 (100%)	15766

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

	Óbito intraoperatório 3			
death_30days	0	1	NA	Total
0	1472 (100%)	4 (100%)	14219 (100%)	15695
1	1 (0%)	0 (0%)	70 (0%)	71
Total	1473 (100%)	4 (100%)	14289 (100%)	15766

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

	Tipo de Reoperação 4				
death_30days	1	2	3	NA	Total
0	192 (100%)	251 (100%)	33 (100%)	15219 (100%)	15695
1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	192 (100%)	251 (100%)	33 (100%)	15290 (100%)	15766

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

	Tipo de Dispositivo ao final do procedimento 4					
death_30days	1	2	3	4	NA	Total
0	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15210 (100%)	15695
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15281 (100%)	15766

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

	Óbito intraoperatório 4		
death_30days	0	NA	Total
0	485 (100%)	15210 (100%)	15695
1	0 (0%)	71 (0%)	71
Total	485 (100%)	15281 (100%)	15766

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

	Tipo de Reoperação 5				
death_30days	1	2	3	NA	Total
0	71 (100%)	106 (100%)	14 (100%)	15504 (100%)	15695
1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	71 (100%)	106 (100%)	14 (100%)	15575 (100%)	15766

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

	Tipo de Dispositivo ao final do procedimento 5					
death_30days	1	2	3	4	NA	Total
0	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15504 (100%)	15695
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15575 (100%)	15766

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

	Óbito intraoperatório 5		
death_30days	0	NA	Total
0	192 (100%)	15503 (100%)	15695
1	0 (0%)	71 (0%)	71
Total	192 (100%)	15574 (100%)	15766

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

	Tipo de Reoperação 6				
death_30days	1	2	3	NA	Total
0	26 (100%)	46 (100%)	6 (100%)	15617 (100%)	15695
1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	26 (100%)	46 (100%)	6 (100%)	15688 (100%)	15766

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

	Tipo de Dispositivo ao final do procedimento 6					
death_30days	1	2	3	4	NA	Total
0	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15614 (100%)	15695
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15685 (100%)	15766

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

	Óbito intraoperatório 6		
death_30days	0	NA	Total
0	81 (100%)	15614 (100%)	15695
1	0 (0%)	71 (0%)	71
Total	81 (100%)	15685 (100%)	15766

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

	Tipo de Reoperação 7				
death_30days	1	2	3	NA	Total
0	10 (100%)	18 (100%)	4 (100%)	15663 (100%)	15695
1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	10 (100%)	18 (100%)	4 (100%)	15734 (100%)	15766

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

	Tipo de Dispositivo ao final do procedimento 7					
death_30days	1	2	3	4	NA	Total
0	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15664 (100%)	15695
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15735 (100%)	15766

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

	Óbito intraoperatório 7		
death_30days	0	NA	Total
0	32 (100%)	15663 (100%)	15695
1	0 (0%)	71 (0%)	71
Total	32 (100%)	15734 (100%)	15766

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

	Tipo de Reoperação 8			
death_30days	1	2	NA	Total
0	3 (100%)	9 (100%)	15683 (100%)	15695
1	0 (0%)	0 (0%)	71 (0%)	71
Total	3 (100%)	9 (100%)	15754 (100%)	15766

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

	Tipo de Dispositivo ao final do procedimento 8				
death_30days	1	2	4	NA	Total
0	7 (100%)	4 (100%)	1 (100%)	15683 (100%)	15695
1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
Total	7 (100%)	4 (100%)	1 (100%)	15754 (100%)	15766

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

	Óbito intraoperatório 8		
death_30days	0	NA	Total
0	12 (100%)	15683 (100%)	15695
1	0 (0%)	71 (0%)	71
Total	12 (100%)	15754 (100%)	15766

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

	Tipo de Reoperação 9		
death_30days	2	NA	Total
0	5 (100%)	15690 (100%)	15695
1	0 (0%)	71 (0%)	71
Total	5 (100%)	15761 (100%)	15766

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

	Tipo de Dispositivo ao final do procedimento 9			
death_30days	1	2	NA	Total
0	3 (100%)	2 (100%)	15690 (100%)	15695
1	0 (0%)	0 (0%)	71 (0%)	71
Total	3 (100%)	2 (100%)	15761 (100%)	15766

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

	Óbito intraoperatório 9		
death_30days	0	NA	Total
0	5 (100%)	15690 (100%)	15695
1	0 (0%)	71 (0%)	71
Total	5 (100%)	15761 (100%)	15766

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

	Tipo de Reoperação 10		
death_30days	2	NA	Total
0	1 (100%)	15694 (100%)	15695
1	0 (0%)	71 (0%)	71
Total	1 (100%)	15765 (100%)	15766

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

	Tipo de Dispositivo ao final do procedimento 10		
death_30days	2	NA	Total
0	1 (100%)	15694 (100%)	15695
1	0 (0%)	71 (0%)	71
Total	1 (100%)	15765 (100%)	15766

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

	Óbito intraoperatório 10		
death_30days	0	NA	Total
0	1 (100%)	15694 (100%)	15695
1	0 (0%)	71 (0%)	71
Total	1 (100%)	15765 (100%)	15766

Table 195: Contingency table between death 30days 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_30days	0	1	NA	Total
0	4574 (100%)	279 (100%)	10842 (99%)	15695
1	2 (0%)	0 (0%)	69 (1%)	71
Total	4576 (100%)	279 (100%)	10911 (100%)	15766

Table 196: Contingency table between death 30days 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_30days	0	1	NA	Total
0	1382 (100%)	93 (99%)	14220 (100%)	15695
1	0 (0%)	1 (1%)	70 (0%)	71
Total	1382 (100%)	94 (100%)	14290 (100%)	15766

Table 197: Contingency table between death 30days 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_30days	0	1	NA	Total
0	457 (100%)	28 (100%)	15210 (100%)	15695
1	0 (0%)	0 (0%)	71 (0%)	71
Total	457 (100%)	28 (100%)	15281 (100%)	15766

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

	Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5			
death_30days	0	1	NA	Total
0	182 (100%)	9 (100%)	15504 (100%)	15695
1	0 (0%)	0 (0%)	71 (0%)	71
Total	182 (100%)	9 (100%)	15575 (100%)	15766

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

	Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6			
death_30days	0	1	NA	Total
0	74 (100%)	7 (100%)	15614 (100%)	15695
1	0 (0%)	0 (0%)	71 (0%)	71
Total	74 (100%)	7 (100%)	15685 (100%)	15766

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

	Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7			
death_30days	0	1	NA	Total
0	28 (100%)	3 (100%)	15664 (100%)	15695
1	0 (0%)	0 (0%)	71 (0%)	71
Total	28 (100%)	3 (100%)	15735 (100%)	15766

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

	Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8			
death_30days	0	1	NA	Total
0	11 (100%)	1 (100%)	15683 (100%)	15695
1	0 (0%)	0 (0%)	71 (0%)	71
Total	11 (100%)	1 (100%)	15754 (100%)	15766

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

	Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9		
death_30days	0	NA	Total
0	5 (100%)	15690 (100%)	15695
1	0 (0%)	71 (0%)	71
Total	5 (100%)	15761 (100%)	15766

Table 203: Contingency table between death 30days 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_30days	0	NA	Total
0	1 (100%)	15694 (100%)	15695
1	0 (0%)	71 (0%)	71
Total	1 (100%)	15765 (100%)	15766

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

	Diálise durante os episódios de hospitalização		
death_30days	0	1	Total
0	15651 (100%)	44 (100%)	15695
1	71 (0%)	0 (0%)	71
Total	15722 (100%)	44 (100%)	15766

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

	UTI durante os episódios de hospitalização		
death_30days	0	1	Total
0	12510 (100%)	3185 (99%)	15695
1	45 (0%)	26 (1%)	71
Total	12555 (100%)	3211 (100%)	15766

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

	Admissão em até 180 dias antes da T0		
death_30days	0	1	Total
0	14639 (100%)	1056 (99%)	15695
1	57 (0%)	14 (1%)	71
Total	14696 (100%)	1070 (100%)	15766

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

	Readmissões pós-T0 com diálise				
death_30days	0	1	2	3	Total
0	15673 (100%)	19 (100%)	2 (100%)	1 (100%)	15695
1	71 (0%)	0 (0%)	0 (0%)	0 (0%)	71
Total	15744 (100%)	19 (100%)	2 (100%)	1 (100%)	15766

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

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

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

	Readmissão cirúrgica em até 30 dias		
death_30days	0	1	Total
0	15558 (100%)	137 (100%)	15695
1	71 (0%)	0 (0%)	71
Total	15629 (100%)	137 (100%)	15766

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

	Readmissão cirúrgica entre 31 a 60 dias		
death_30days	0	1	Total
0	15602 (100%)	93 (100%)	15695
1	71 (0%)	0 (0%)	71
Total	15673 (100%)	93 (100%)	15766

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

	Readmissão cirúgica entre 61 a 180 dias		
death_30days	0	1	Total
0	15546 (100%)	149 (100%)	15695
1	71 (0%)	0 (0%)	71
Total	15617 (100%)	149 (100%)	15766

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

	Readmissão cirúrgica em até 1 ano		
death_30days	0	1	Total
0	15563 (100%)	132 (100%)	15695
1	71 (0%)	0 (0%)	71
Total	15634 (100%)	132 (100%)	15766

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

	Desfecho final do estudo			
death_30days	1	2	3	Total
0	2470 (97%)	7728 (100%)	5497 (100%)	15695
1	71 (3%)	0 (0%)	0 (0%)	71
Total	2541 (100%)	7728 (100%)	5497 (100%)	15766

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

	Ventilação mecânica / IOT		
death_30days	1	NA	Total
0	2828 (99%)	12867 (100%)	15695
1	21 (1%)	50 (0%)	71
Total	2849 (100%)	12917 (100%)	15766