

Tables

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Imports

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

Loading data

```
# df <- readRDS('../dataset/processed_data.rds')
# df_names <- readRDS('../dataset/processed_dictionary.rds')

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

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

outcome_column <- params$outcome_column

df %>%
  select(date_procedure_1, date_procedure_2) %>%
  filter(date_procedure_2 < date_procedure_1)

## # A tibble: 0 x 2
## # ... with 2 variables: date_procedure_1 <dtm>, date_procedure_2 <dtm>
```

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	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	64.111	0	67.9	103.9	17.696	13485	0
1	73.045	0	77.3	110.6	17.537	2548	0

Table 2: Número de comorbidades

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.250	0	1	8	1.328	13485	0
1	1.336	0	1	8	1.520	2548	0

Table 3: Ano do procedimento 1

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2011.074	1999	2011	2021	5.828	13485	0
1	2008.068	1999	2007	2021	4.770	2548	0

Table 4: Idade no Procedimento 1

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	64.111	0	67.9	103.9	17.696	13485	0
1	73.045	0	77.3	110.6	17.537	2548	0

Table 5: Ano do procedimento 2

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2013.392	1999	2014	2022	4.677	13485	9228
1	2010.937	2001	2011	2021	4.222	2548	1925

Table 6: Idade no Procedimento 2

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	64.390	0.0	68.70	108.7	19.149	13485	9228
1	70.135	1.8	72.15	100.9	19.359	2548	1924

Table 7: Ano do procedimento 3

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.597	1999	2015	2022	4.786	13485	12218
1	2012.643	2003	2013	2021	4.462	2548	2335

Table 8: Idade no Procedimento 3

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	61.194	0.4	65.4	97.6	20.901	13485	12218
1	67.036	4.3	69.9	101.1	19.188	2548	2335

Table 9: Ano do procedimento 4

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.761	2002	2015	2022	4.842	13485	13079
1	2012.886	2003	2013	2021	4.326	2548	2469

Table 10: Idade no Procedimento 4

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	58.259	1.9	62.6	97.7	21.960	13485	13079
1	66.625	4.3	71.2	95.3	20.469	2548	2469

Table 11: Ano do procedimento 5

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.351	2004	2014.0	2022	4.174	13485	13331
1	2013.737	2003	2013.5	2021	4.272	2548	2510

Table 12: Idade no Procedimento 5

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.668	3.2	59.25	99.7	21.745	13485	13331
1	66.632	7.5	71.10	95.9	21.282	2548	2510

Table 13: Ano do procedimento 6

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.857	2004	2015	2021	4.219	13485	13422
1	2014.316	2003	2014	2021	5.508	2548	2529

Table 14: Idade no Procedimento 6

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	53.938	6.6	57.0	86.0	20.923	13485	13422
1	61.874	7.8	64.9	101.6	25.939	2548	2529

Table 15: Ano do procedimento 7

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2016.037	2007	2017	2022	4.014	13485	13458
1	2013.600	2008	2011	2021	5.595	2548	2543

Table 16: Idade no Procedimento 7

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	52.533	14.2	55.4	81.8	19.205	13485	13458
1	44.200	8.8	63.9	70.1	30.017	2548	2543

Table 17: Ano do procedimento 8

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	0	13485	13476
1	1	1	TRUE	1	0	2548	2545

Table 18: Idade no Procedimento 8

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	0	13485	13476
1	1	1	TRUE	1	0	2548	2545

Table 19: Ano do procedimento 9

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	13485	13481
1	1	1	1	1	NA	2548	2547

Table 20: Idade no Procedimento 9

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	13485	13481
1	1	1	1	1	NA	2548	2547

Table 21: Ano do procedimento 10

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	13485	13484
1	NaN	NA	NA	NA	NA	2548	2548

Table 22: Idade no Procedimento 10

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	13485	13484
1	NaN	NA	NA	NA	NA	2548	2548

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

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	75.041	0	85.6	197.1	40.248	13485	9228
1	59.204	0	64.8	155.5	38.220	2548	1924

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

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	58.542	0	64.9	170.5	39.712	13485	12218
1	37.749	0	30.5	124.1	35.329	2548	2335

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

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	43.321	0	37.9	142.7	40.962	13485	13080
1	20.390	0	5.7	116.2	26.303	2548	2469

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

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	35.397	0.0	12.00	144.3	40.182	13485	13331
1	20.184	0.2	4.05	90.2	27.484	2548	2510

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

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	29.270	0.0	6.8	110.3	35.970	13485	13422
1	22.005	0.1	5.8	104.9	30.209	2548	2529

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

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	36.67	0.0	5.8	142.3	44.546	13485	13458
1	3.52	0.1	0.9	12.4	5.194	2548	2543

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

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.667	0	TRUE	1	0.500	13485	13476
1	0.667	0	TRUE	1	0.577	2548	2545

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

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	13485	13481
1	1	1	1	1	NA	2548	2547

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

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	13485	13484
1	NaN	NA	NA	NA	NA	2548	2548

Table 32: Número de Mudanças do tipo de DCEI

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.073	0	0	3	0.271	13485	9231
1	0.180	0	0	3	0.416	2548	1925

Table 33: Número de atendimentos

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.185	1	2	39	1.950	13485	0
1	3.394	1	3	51	3.127	2548	0

Table 34: Número da Admissão T0 (admissão índice)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.393	1	1	32	1.042	13485	0
1	1.709	1	1	17	1.505	2548	0

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

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.713	0	0	25	1.465	13485	0
1	1.594	0	1	50	2.421	2548	0

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

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.499	-1	0	38	1.169	13485	0
1	0.808	0	0	16	1.583	2548	0

Table 37: Ano da admissão T0

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2011.068	1999	2011	2021	5.829	13485	18
1	2008.052	1999	2007	2021	4.764	2548	2

Table 38: Readmissão em até 30 dias

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.029	0	0	1	0.168	13485	0
1	0.085	0	0	1	0.279	2548	0

Table 39: Readmissão entre 31 a 60 dias

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.045	0	0	1	0.207	13485	0
1	0.121	0	0	1	0.327	2548	0

Table 40: Readmissão entre 61 a 180 dias

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.073	0	0	1	0.260	13485	0
1	0.203	0	0	1	0.402	2548	0

Table 41: Readmissão em até 1 ano

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.098	0	0	1	0.298	13485	0
1	0.274	0	0	1	0.446	2548	0

Table 42: Tempo de seguimento total (anos)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.135	0	4.7	22.6	5.385	13485	0
1	3.938	0	2.7	20.1	3.972	2548	0

Table 43: Óbito hospitalar (intraoperatório ou admissao T0)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.019	0	0	1	0.135	13485	0
1	0.004	0	0	1	0.066	2548	0

Table 44: Óbito durante algum episódio de readmissão hospitalar

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.0	13485	0
1	0.512	0	1	1	0.5	2548	0

Table 45: Óbito em até 30 dias após a alta T0

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	13485	251
1	0.028	0	0	1	0.165	2548	11

Table 46: Óbito em até 180 dias após a alta T0

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	13485	251
1	0.105	0	0	1	0.307	2548	82

Table 47: Óbito em até 1 ano após a alta T0

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	13485	251
1	0.085	0	0	1	0.279	2548	341

Table 48: Óbito em até 2 anos após a alta T0

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	13485	251
1	0.117	0	0	1	0.322	2548	528

Table 49: Óbito em até 3 anos após a alta T0

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	13485	251
1	0.089	0	0	1	0.284	2548	765

Table 50: Óbito (status final)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	13485	0
1	1	1	1	1	0	2548	0

Table 51: Tempo de sobrevida (anos)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.066	0	0.0	0.7	0.086	13485	13234
1	4.069	0	2.7	20.1	4.102	2548	776

Table 52: Diárias no serviço de Emergência na admissão T0

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.208	0	0	28	1.099	13485	0
1	0.173	0	0	27	1.066	2548	0

Table 53: Anticoagulantes orais

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.225	0	0	98.0	2.123	13485	0
1	0.309	0	0	80.5	2.409	2548	0

Table 54: Antiarrítmicos

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.105	0	0	575	17.540	13485	0
1	4.698	0	0	844	25.172	2548	0

Table 55: Antihipertensivo

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.392	0	0	160	4.163	13485	0
1	0.425	0	0	349	7.901	2548	0

Table 56: Betabloqueador

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.937	0	0	388	7.711	13485	0
1	0.578	0	0	68	3.894	2548	0

Table 57: IECA/BRA

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.964	0	0	773	19.355	13485	0
1	8.168	0	0	393	25.036	2548	0

Table 58: DVA

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.288	0	0	1917	44.759	13485	0
1	5.139	0	0	606	27.965	2548	0

Table 59: Digoxina

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.163	0	0	50	1.393	13485	0
1	0.337	0	0	65	2.322	2548	0

Table 60: Estatinas

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.054	0	0	421	14.808	13485	0
1	4.758	0	0	321	18.194	2548	0

Table 61: Diuretico

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	9.466	0	0	2966.0	65.120	13485	0
1	8.928	0	0	1010.5	46.458	2548	0

Table 62: Vasodilator

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.661	0	0	3820.5	58.305	13485	0
1	10.993	0	0	754.5	53.089	2548	0

Table 63: Insuficiência cardíaca (ivabradina, levosimedan, milrinona, nesiritida, carvedilol)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.424	0	0	453.0	14.998	13485	0
1	5.129	0	0	354.5	18.474	2548	0

Table 64: Antagonista da Aldosterona (espironolactona)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.622	0	0	255	7.412	13485	0
1	2.203	0	0	141	8.286	2548	0

Table 65: Bloqueador do canal de calcio

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.569	0	0	509	9.576	13485	0
1	0.608	0	0	370	10.021	2548	0

Table 66: Trombolitico

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.046	13485	0
1	0.000	0	0	0	0.000	2548	0

Table 67: Antiplaquetario VO

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.260	0	0	111	2.978	13485	0
1	0.283	0	0	141	3.968	2548	0

Table 68: Antiplaquetario EV

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	8	0.159	13485	0
1	0.012	0	0	3	0.156	2548	0

Table 69: Insulina

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.082	0	0	16	0.453	13485	0
1	0.072	0	0	7	0.411	2548	0

Table 70: Hipoglicemiante

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.291	0	0	90	2.640	13485	0
1	0.237	0	0	39	2.004	2548	0

Table 71: Hormonio tireoidiano

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.179	0	0	281.5	3.386	13485	0
1	0.239	0	0	78.0	3.393	2548	0

Table 72: Broncodilator

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.112	0	0	80	1.636	13485	0
1	0.075	0	0	43	1.139	2548	0

Table 73: Anticonvulsivante

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.857	0	0	482	10.953	13485	0
1	0.826	0	0	390	11.192	2548	0

Table 74: Psicofármacos (Ansiolítico/ antidepresivo/ antipsicótico)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.174	0	0	573	13.424	13485	0
1	3.424	0	0	206	12.516	2548	0

Table 75: Antibióticos

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	12.202	0	4	1812	58.618	13485	0
1	10.443	0	1	1137	46.352	2548	0

Table 76: Antifúngicos

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.381	0	0	122.0	4.077	13485	0
1	0.236	0	0	69.5	2.820	2548	0

Table 77: Antiviral

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.128	0	0	131	2.894	13485	0
1	0.018	0	0	14	0.425	2548	0

Table 78: Antiretroviral

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	32	0.427	13485	0
1	0.000	0	0	0	0.000	2548	0

Table 79: Quantidade de classes medicamentosas utilizadas

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.438	0	3	17	3.089	13485	0
1	3.085	0	2	15	3.516	2548	0

Table 80: Ventilação não invasiva

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.046	0	0	114	1.534	13485	0
1	0.007	0	0	8	0.203	2548	0

Table 81: Instalação de CEC

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	2	0.112	13485	0
1	0.006	0	0	1	0.077	2548	0

Table 82: Cirurgia Cardiovascular

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.052	0	0	9	0.358	13485	0
1	0.031	0	0	9	0.326	2548	0

Table 83: Transplante cardíaco

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.046	13485	0
1	0.001	0	0	1	0.028	2548	0

Table 84: Cirurgia Toracica

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	9	0.102	13485	0
1	0.002	0	0	2	0.059	2548	0

Table 85: Outros procedimentos cirúrgicos (cir geral, gastrocir, plástica, uro, vascular)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.103	0	0	22	0.553	13485	0
1	0.075	0	0	6	0.444	2548	0

Table 86: Traqueostomia

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	8	0.076	13485	0
1	0.003	0	0	5	0.108	2548	0

Table 87: Intervenção coronária percutânea

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	4	0.122	13485	0
1	0.013	0	0	3	0.145	2548	0

Table 88: Intervenção cardiovascular em laboratório de hemodinâmica (alcoolização septal, valvoplastia percutânea, stent em vasos pulmonares)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	3	0.108	13485	0
1	0.005	0	0	2	0.086	2548	0

Table 89: Stent

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	1	0.009	13485	0
1	0	0	0	0	0.000	2548	0

Table 90: Angioplastia

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.034	13485	0
1	0.002	0	0	2	0.056	2548	0

Table 91: Cateterismo

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.108	0	0	7	0.381	13485	0
1	0.092	0	0	5	0.356	2548	0

Table 92: Eletrofisiologia

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.069	0	0	11	0.438	13485	0
1	0.067	0	0	7	0.434	2548	0

Table 93: Suporte cardiocirculatório (ECMO, BIA, Bio-PUMP)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.100	0	0	535	5.078	13485	0
1	0.187	0	0	177	5.226	2548	0

Table 94: Cateter venoso central

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.034	0	0	13	0.245	13485	0
1	0.038	0	0	13	0.351	2548	0

Table 95: Drenagem de tórax (instalação /troca) e punção pericárdica ou pleural

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	5	0.098	13485	0
1	0.009	0	0	5	0.156	2548	0

Table 96: Quantidade de procedimentos invasivos

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.507	0	0	554	5.458	13485	0
1	0.531	0	0	197	5.716	2548	0

Table 97: Cardioversão/ Desfibrilação (sessão)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	5	0.101	13485	0
1	0.009	0	0	4	0.162	2548	0

Table 98: Transfusão de hemoderivados

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.046	0	0	61	0.956	13485	0
1	0.031	0	0	16	0.478	2548	0

Table 99: Interconsulta médica (Especialidades cirúrgicas, infecto, uro, nefro, psiquiatra, dermatol, alergista, oncologista, geriatra, etc)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.370	0	0	199	3.36	13485	0
1	0.269	0	0	63	2.30	2548	0

Table 100: Equipe Multiprofissional (enf, fono, fisio, nutri, serviço social, psicologia)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.964	0	0	420	14.430	13485	0
1	2.792	0	0	318	12.715	2548	0

Table 101: ECG

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.492	0	2	141	6.186	13485	0
1	3.252	0	2	140	6.165	2548	0

Table 102: Holter

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.089	0	0	5	0.331	13485	0
1	0.091	0	0	3	0.321	2548	0

Table 103: Teste de esforço

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	3	0.103	13485	0
1	0.003	0	0	1	0.056	2548	0

Table 104: Espirometria / Ergoespirometria

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	2	0.063	13485	0
1	0.004	0	0	1	0.059	2548	0

Table 105: Tilt Test

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.045	13485	0
1	0.003	0	0	1	0.052	2548	0

Table 106: Polissonografia

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.042	13485	0
1	0.001	0	0	1	0.034	2548	0

Table 107: Quantidade de exames por métodos gráficos

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.597	0	2	143	6.313	13485	0
1	3.353	0	2	140	6.275	2548	0

Table 108: Exames laboratoriais (exames bioquímicos, exames hematologia/coagulação, anticorpos, dosagem sérica de fármacos)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	58.291	0	7	3608	193.174	13485	0
1	55.733	0	0	2342	164.525	2548	0

Table 109: Culturas (hemocultura, cultura de secreções, urocultura e cultura de cateteres)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.316	0	0	48	1.508	13485	0
1	0.283	0	0	16	1.113	2548	0

Table 110: Quantidade de exames de análises clínicas

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	58.607	0	7	3645	194.375	13485	0
1	56.015	0	0	2354	165.388	2548	0

Table 111: Citologias

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	8	0.139	13485	0
1	0.010	0	0	4	0.133	2548	0

Table 112: Biopsias (cardíaca, esterno, parede torácica, tumor em mediastino, pulmonar)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.016	0	0	10	0.262	13485	0
1	0.007	0	0	6	0.177	2548	0

Table 113: Quantidade de exames histopatológicos

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.023	0	0	10	0.302	13485	0
1	0.017	0	0	7	0.235	2548	0

Table 114: Angio RM

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	4	0.078	13485	0
1	0.003	0	0	2	0.071	2548	0

Table 115: Angio TC

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.031	0	0	9	0.231	13485	0
1	0.028	0	0	4	0.229	2548	0

Table 116: Angiografia

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.047	13485	0
1	0.002	0	0	1	0.040	2548	0

Table 117: Aortografia

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.044	13485	0
1	0.003	0	0	2	0.063	2548	0

Table 118: Arteriografia

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.027	13485	0
1	0.000	0	0	1	0.020	2548	0

Table 119: Cavografia

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	1	0.084	13485	0
1	0.002	0	0	1	0.044	2548	0

Table 120: Cintilografia

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.052	0	0	5	0.316	13485	0
1	0.074	0	0	4	0.375	2548	0

Table 121: Ecocardiograma

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.491	0	0	24	1.254	13485	0
1	0.442	0	0	18	1.134	2548	0

Table 122: Exames endoscópicos (EDA, colonoscopia, retossigmoidoscopia, broncoscopia)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.017	0	0	6	0.174	13485	0
1	0.015	0	0	4	0.166	2548	0

Table 123: Flebografia

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.030	0	0	5	0.267	13485	0
1	0.027	0	0	5	0.255	2548	0

Table 124: PET-CT

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	3	0.073	13485	0
1	0.004	0	0	2	0.071	2548	0

Table 125: Ultrassom

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.163	0	0	28	0.849	13485	0
1	0.192	0	0	14	0.810	2548	0

Table 126: Tomografia

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.150	0	0	15	0.685	13485	0
1	0.132	0	0	9	0.552	2548	0

Table 127: Radiografias

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.867	0	1	261	8.417	13485	0
1	2.590	0	1	184	7.247	2548	0

Table 128: Ressonancia magnetica

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.060	0	0	6	0.280	13485	0
1	0.064	0	0	4	0.289	2548	0

Table 129: Quantidade de exames diagnóstico por imagem

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.879	0	1	281	10.369	13485	0
1	3.578	0	1	200	8.942	2548	0

Table 130: Dieta enteral (frasco)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.043	0	0	195	2.201	13485	0
1	0.104	0	0	115	3.195	2548	0

Table 131: Dieta parenteral (frasco)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	14	0.128	13485	0
1	0.004	0	0	5	0.119	2548	0

Table 132: Bomba de infusão contínua (horas)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.64	0	0	1527	17.740	13485	0
1	2.30	0	0	1269	35.702	2548	0

Table 133: Marca-passo temporário (por hora)

death	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.117	0	0	126	2.557	13485	0
1	0.241	0	0	180	4.305	2548	0

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(aligned = "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(aligned = "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 134: Contingency table between death and Sexo

death	Sexo		Total
	0	1	
0	6430 (85%)	7055 (83%)	13485
1	1136 (15%)	1412 (17%)	2548
Total	7566 (100%)	8467 (100%)	16033

Table 135: Contingency table between death and Doença cardíaca

death	Doença cardíaca				Total
	0	1	2	NA	
0	7810 (84%)	942 (80%)	3023 (86%)	1710 (84%)	13485
1	1476 (16%)	231 (20%)	512 (14%)	329 (16%)	2548
Total	9286 (100%)	1173 (100%)	3535 (100%)	2039 (100%)	16033

Table 136: Contingency table between death and Hipertensão arterial

death	Hipertensão arterial		Total
	0	1	
0	10125 (83%)	3360 (86%)	13485
1	2019 (17%)	529 (14%)	2548
Total	12144 (100%)	3889 (100%)	16033

Table 137: Contingency table between death and Infarto do miocárdio prévio / Doença arterial coronariana

death	Infarto do miocárdio prévio / Doença arterial coronariana		Total
	0	1	
0	12285 (84%)	1200 (81%)	13485
1	2267 (16%)	281 (19%)	2548
Total	14552 (100%)	1481 (100%)	16033

Table 138: Contingency table between death and Insuficiência cardíaca

death	Insuficiência cardíaca		Total
	0	1	
0	8633 (85%)	4852 (83%)	13485
1	1574 (15%)	974 (17%)	2548
Total	10207 (100%)	5826 (100%)	16033

Table 139: Contingency table between death and Fibrilação / flutter atrial

death	Fibrilação / flutter atrial		Total
	0	1	
0	11513 (85%)	1972 (82%)	13485
1	2102 (15%)	446 (18%)	2548
Total	13615 (100%)	2418 (100%)	16033

Table 140: Contingency table between death and Parada cardíaca prévia/ Taquicardia ventricular instável

death	Parada cardíaca prévia/ Taquicardia ventricular instável		Total
	0	1	
0	11872 (84%)	1613 (84%)	13485
1	2238 (16%)	310 (16%)	2548
Total	14110 (100%)	1923 (100%)	16033

Table 141: Contingency table between death and Transplante cardíaco prévio

death	Transplante cardíaco prévio		Total
	0	1	
0	13450 (84%)	35 (81%)	13485
1	2540 (16%)	8 (19%)	2548
Total	15990 (100%)	43 (100%)	16033

Table 142: Contingency table between death and Valvopatias/ Prótese valvares

death	Valvopatias/ Prótese valvares		Total
	0	1	
0	12633 (84%)	852 (79%)	13485
1	2323 (16%)	225 (21%)	2548
Total	14956 (100%)	1077 (100%)	16033

Table 143: Contingency table between death and Endocardite prévia

death	Endocardite prévia		Total
	0	1	
0	13374 (84%)	111 (80%)	13485
1	2521 (16%)	27 (20%)	2548
Total	15895 (100%)	138 (100%)	16033

Table 144: Contingency table between death and Diabetes mellitus

death	Diabetes mellitus		Total
	0	1	
0	11821 (84%)	1664 (85%)	13485
1	2265 (16%)	283 (15%)	2548
Total	14086 (100%)	1947 (100%)	16033

Table 145: Contingency table between death and Insuficiência renal crônica

death	Insuficiência renal crônica		Total
	0	1	
0	12990 (84%)	495 (76%)	13485
1	2389 (16%)	159 (24%)	2548
Total	15379 (100%)	654 (100%)	16033

Table 146: Contingency table between death and Hemodiálise

death	Hemodiálise		Total
	0	1	
0	13474 (84%)	11 (50%)	13485
1	2537 (16%)	11 (50%)	2548
Total	16011 (100%)	22 (100%)	16033

Table 147: Contingency table between death and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

death	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios		Total
	0	1	
0	13065 (84%)	420 (83%)	13485
1	2460 (16%)	88 (17%)	2548
Total	15525 (100%)	508 (100%)	16033

Table 148: Contingency table between death and Doença pulmonar obstrutiva crônica

death	Doença pulmonar obstrutiva crônica		Total
	0	1	
0	13300 (84%)	185 (84%)	13485
1	2514 (16%)	34 (16%)	2548
Total	15814 (100%)	219 (100%)	16033

Table 149: Contingency table between death and Neoplasia em tratamento ou tratada recentemente (12 meses)

death	Neoplasia em tratamento ou tratada recentemente (12 meses)		Total
	0	1	
0	13397 (84%)	88 (76%)	13485
1	2520 (16%)	28 (24%)	2548
Total	15917 (100%)	116 (100%)	16033

Table 150: Contingency table between death and Tipo de Procedimento 1

death	Tipo de Procedimento 1		Total
	1	2	
0	9429 (85%)	4056 (83%)	13485
1	1700 (15%)	848 (17%)	2548
Total	11129 (100%)	4904 (100%)	16033

Table 151: Contingency table between death and Tipo de Reoperação 1

death	Tipo de Reoperação 1				Total
	1	2	3	NA	
0	3219 (82%)	807 (86%)	30 (88%)	9429 (85%)	13485
1	710 (18%)	134 (14%)	4 (12%)	1700 (15%)	2548
Total	3929 (100%)	941 (100%)	34 (100%)	11129 (100%)	16033

Table 152: Contingency table between death and Tipo de Dispositivo ao final do procedimento 1

death	Tipo de Dispositivo ao final do procedimento 1				Total
	1	2	3	4	
0	10597 (85%)	1505 (84%)	1040 (80%)	343 (75%)	13485
1	1883 (15%)	290 (16%)	258 (20%)	117 (25%)	2548
Total	12480 (100%)	1795 (100%)	1298 (100%)	460 (100%)	16033

Table 153: Contingency table between death and Óbito intraoperatório 1

death	Óbito intraoperatório 1		Total
	0	1	
0	13485 (84%)	0 (0%)	13485
1	2541 (16%)	7 (100%)	2548
Total	16026 (100%)	7 (100%)	16033

Table 154: Contingency table between death and Tipo de Reoperação 2

death	Tipo de Reoperação 2				Total
	1	2	3	NA	
0	2913 (89%)	1239 (83%)	97 (80%)	9236 (83%)	13485
1	349 (11%)	251 (17%)	24 (20%)	1924 (17%)	2548
Total	3262 (100%)	1490 (100%)	121 (100%)	11160 (100%)	16033

Table 155: Contingency table between death and Tipo de Dispositivo ao final do procedimento 2

death	Tipo de Dispositivo ao final do procedimento 2					Total
	1	2	3	4	NA	
0	3258 (90%)	549 (85%)	314 (81%)	129 (64%)	9235 (83%)	13485
1	380 (10%)	95 (15%)	74 (19%)	74 (36%)	1925 (17%)	2548
Total	3638 (100%)	644 (100%)	388 (100%)	203 (100%)	11160 (100%)	16033

Table 156: Contingency table between death and Óbito intraoperatório 2

death	Óbito intraoperatório 2		Total
	0	NA	
0	4257 (87%)	9228 (83%)	13485
1	623 (13%)	1925 (17%)	2548
Total	4880 (100%)	11153 (100%)	16033

Table 157: Contingency table between death and Tipo de Reoperação 3

death	Tipo de Reoperação 3				Total
	1	2	3	NA	
0	649 (90%)	475 (82%)	45 (73%)	12316 (84%)	13485
1	74 (10%)	103 (18%)	17 (27%)	2354 (16%)	2548
Total	723 (100%)	578 (100%)	62 (100%)	14670 (100%)	16033

Table 158: Contingency table between death and Tipo de Dispositivo ao final do procedimento 3

death	Tipo de Dispositivo ao final do procedimento 3					Total
	1	2	3	4	NA	
0	865 (89%)	217 (86%)	123 (77%)	61 (62%)	12219 (84%)	13485
1	103 (11%)	35 (14%)	37 (23%)	38 (38%)	2335 (16%)	2548
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14554 (100%)	16033

Table 159: Contingency table between death and Óbito intraoperatório 3

death	Óbito intraoperatório 3			Total
	0	1	NA	
0	1267 (86%)	0 (0%)	12218 (84%)	13485
1	209 (14%)	4 (100%)	2335 (16%)	2548
Total	1476 (100%)	4 (100%)	14553 (100%)	16033

Table 160: Contingency table between death and Tipo de Reoperação 4

death	Tipo de Reoperação 4				Total
	1	2	3	NA	
0	167 (87%)	201 (80%)	31 (94%)	13086 (84%)	13485
1	24 (13%)	51 (20%)	2 (6%)	2471 (16%)	2548
Total	191 (100%)	252 (100%)	33 (100%)	15557 (100%)	16033

Table 161: Contingency table between death and Tipo de Dispositivo ao final do procedimento 4

death	Tipo de Dispositivo ao final do procedimento 4					Total
	1	2	3	4	NA	
0	253 (88%)	94 (85%)	31 (69%)	28 (67%)	13079 (84%)	13485
1	35 (12%)	16 (15%)	14 (31%)	14 (33%)	2469 (16%)	2548
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15548 (100%)	16033

Table 162: Contingency table between death and Óbito intraoperatório 4

death	Óbito intraoperatório 4		Total
	0	NA	
0	406 (84%)	13079 (84%)	13485
1	79 (16%)	2469 (16%)	2548
Total	485 (100%)	15548 (100%)	16033

Table 163: Contingency table between death and Tipo de Reoperação 5

death	Tipo de Reoperação 5				Total
	1	2	3	NA	
0	58 (82%)	83 (78%)	12 (86%)	13332 (84%)	13485
1	13 (18%)	23 (22%)	2 (14%)	2510 (16%)	2548
Total	71 (100%)	106 (100%)	14 (100%)	15842 (100%)	16033

Table 164: Contingency table between death and Tipo de Dispositivo ao final do procedimento 5

death	Tipo de Dispositivo ao final do procedimento 5					Total
	1	2	3	4	NA	
0	86 (86%)	46 (82%)	15 (68%)	6 (46%)	13332 (84%)	13485
1	14 (14%)	10 (18%)	7 (32%)	7 (54%)	2510 (16%)	2548
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15842 (100%)	16033

Table 165: Contingency table between death and Óbito intraoperatório 5

death	Óbito intraoperatório 5		Total
	0	NA	
0	154 (80%)	13331 (84%)	13485
1	38 (20%)	2510 (16%)	2548
Total	192 (100%)	15841 (100%)	16033

Table 166: Contingency table between death and Tipo de Reoperação 6

death	Tipo de Reoperação 6				Total
	1	2	3	NA	
0	20 (77%)	36 (77%)	4 (67%)	13425 (84%)	13485
1	6 (23%)	11 (23%)	2 (33%)	2529 (16%)	2548
Total	26 (100%)	47 (100%)	6 (100%)	15954 (100%)	16033

Table 167: Contingency table between death and Tipo de Dispositivo ao final do procedimento 6

death	Tipo de Dispositivo ao final do procedimento 6					Total
	1	2	3	4	NA	
0	35 (88%)	20 (80%)	4 (50%)	4 (44%)	13422 (84%)	13485
1	5 (12%)	5 (20%)	4 (50%)	5 (56%)	2529 (16%)	2548
Total	40 (100%)	25 (100%)	8 (100%)	9 (100%)	15951 (100%)	16033

Table 168: Contingency table between death and Óbito intraoperatório 6

death	Óbito intraoperatório 6		Total
	0	NA	
0	63 (77%)	13422 (84%)	13485
1	19 (23%)	2529 (16%)	2548
Total	82 (100%)	15951 (100%)	16033

Table 169: Contingency table between death and Tipo de Reoperação 7

death	Tipo de Reoperação 7				Total
	1	2	3	NA	
0	8 (80%)	16 (89%)	3 (75%)	13458 (84%)	13485
1	2 (20%)	2 (11%)	1 (25%)	2543 (16%)	2548
Total	10 (100%)	18 (100%)	4 (100%)	16001 (100%)	16033

Table 170: Contingency table between death and Tipo de Dispositivo ao final do procedimento 7

death	Tipo de Dispositivo ao final do procedimento 7					Total
	1	2	3	4	NA	
0	12 (92%)	12 (92%)	0 (0%)	3 (75%)	13458 (84%)	13485
1	1 (8%)	1 (8%)	1 (100%)	1 (25%)	2544 (16%)	2548
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	16002 (100%)	16033

Table 171: Contingency table between death and Óbito intraoperatório 7

death	Óbito intraoperatório 7		Total
	0	NA	
0	27 (84%)	13458 (84%)	13485
1	5 (16%)	2543 (16%)	2548
Total	32 (100%)	16001 (100%)	16033

Table 172: Contingency table between death and Tipo de Reoperação 8

death	Tipo de Reoperação 8		Total
	TRUE	NA	
0	9 (75%)	13476 (84%)	13485
1	3 (25%)	2545 (16%)	2548
Total	12 (100%)	16021 (100%)	16033

Table 173: Contingency table between death and Tipo de Dispositivo ao final do procedimento 8

death	Tipo de Dispositivo ao final do procedimento 8		Total
	TRUE	NA	
0	9 (75%)	13476 (84%)	13485
1	3 (25%)	2545 (16%)	2548
Total	12 (100%)	16021 (100%)	16033

Table 174: Contingency table between death and Óbito intraoperatório 8

death	Óbito intraoperatório 8		Total
	FALSE	NA	
0	9 (75%)	13476 (84%)	13485
1	3 (25%)	2545 (16%)	2548
Total	12 (100%)	16021 (100%)	16033

Table 175: Contingency table between death and Tipo de Reoperação 9

death	Tipo de Reoperação 9		Total
	TRUE	NA	
0	4 (80%)	13481 (84%)	13485
1	1 (20%)	2547 (16%)	2548
Total	5 (100%)	16028 (100%)	16033

Table 176: Contingency table between death and Tipo de Dispositivo ao final do procedimento 9

death	Tipo de Dispositivo ao final do procedimento 9		Total
	TRUE	NA	
0	4 (80%)	13481 (84%)	13485
1	1 (20%)	2547 (16%)	2548
Total	5 (100%)	16028 (100%)	16033

Table 177: Contingency table between death and Óbito intraoperatório 9

death	Óbito intraoperatório 9		Total
	FALSE	NA	
0	4 (80%)	13481 (84%)	13485
1	1 (20%)	2547 (16%)	2548
Total	5 (100%)	16028 (100%)	16033

Table 178: Contingency table between death and Tipo de Reoperação 10

death	Tipo de Reoperação 10		Total
	TRUE	NA	
0	1 (100%)	13484 (84%)	13485
1	0 (0%)	2548 (16%)	2548
Total	1 (100%)	16032 (100%)	16033

Table 179: Contingency table between death and Tipo de Dispositivo ao final do procedimento 10

death	Tipo de Dispositivo ao final do procedimento 10		Total
	TRUE	NA	
0	1 (100%)	13484 (84%)	13485
1	0 (0%)	2548 (16%)	2548
Total	1 (100%)	16032 (100%)	16033

Table 180: Contingency table between death and Óbito intraoperatório 10

death	Óbito intraoperatório 10		Total
	FALSE	NA	
0	1 (100%)	13484 (84%)	13485
1	0 (0%)	2548 (16%)	2548
Total	1 (100%)	16032 (100%)	16033

Table 181: Contingency table between death and Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2

death	Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2			Total
	0	1	NA	
0	4042 (88%)	208 (74%)	9235 (83%)	13485
1	551 (12%)	72 (26%)	1925 (17%)	2548
Total	4593 (100%)	280 (100%)	11160 (100%)	16033

Table 182: Contingency table between death and Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3

death	Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3			Total
	0	1	NA	
0	1195 (86%)	71 (76%)	12219 (84%)	13485
1	190 (14%)	23 (24%)	2335 (16%)	2548
Total	1385 (100%)	94 (100%)	14554 (100%)	16033

Table 183: Contingency table between death and Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4

death	Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4			Total
	0	1	NA	
0	384 (84%)	22 (79%)	13079 (84%)	13485
1	73 (16%)	6 (21%)	2469 (16%)	2548
Total	457 (100%)	28 (100%)	15548 (100%)	16033

Table 184: Contingency table between death and Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5

death	Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5			Total
	0	1	NA	
0	149 (82%)	4 (44%)	13332 (84%)	13485
1	33 (18%)	5 (56%)	2510 (16%)	2548
Total	182 (100%)	9 (100%)	15842 (100%)	16033

Table 185: Contingency table between death and Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6

death	Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6			Total
	0	1	NA	
0	60 (80%)	3 (43%)	13422 (84%)	13485
1	15 (20%)	4 (57%)	2529 (16%)	2548
Total	75 (100%)	7 (100%)	15951 (100%)	16033

Table 186: Contingency table between death and Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7

death	Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7			Total
	0	1	NA	
0	25 (89%)	2 (67%)	13458 (84%)	13485
1	3 (11%)	1 (33%)	2544 (16%)	2548
Total	28 (100%)	3 (100%)	16002 (100%)	16033

Table 187: Contingency table between death and Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8

death	Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8			Total
	FALSE	TRUE	NA	
0	9 (82%)	0 (0%)	13476 (84%)	13485
1	2 (18%)	1 (100%)	2545 (16%)	2548
Total	11 (100%)	1 (100%)	16021 (100%)	16033

Table 188: Contingency table between death and Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9

death	Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9		Total
	FALSE	NA	
0	4 (80%)	13481 (84%)	13485
1	1 (20%)	2547 (16%)	2548
Total	5 (100%)	16028 (100%)	16033

Table 189: Contingency table between death and Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10

death	Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10		Total
	FALSE	NA	
0	1 (100%)	13484 (84%)	13485
1	0 (0%)	2548 (16%)	2548
Total	1 (100%)	16032 (100%)	16033

Table 190: Contingency table between death and Diálise durante os episódios de hospitalização

death	Diálise durante os episódios de hospitalização		Total
	0	1	
0	13449 (84%)	36 (57%)	13485
1	2521 (16%)	27 (43%)	2548
Total	15970 (100%)	63 (100%)	16033

Table 191: Contingency table between death and UTI durante os episódios de hospitalização

death	UTI durante os episódios de hospitalização		Total
	0	1	
0	10824 (86%)	2661 (78%)	13485
1	1797 (14%)	751 (22%)	2548
Total	12621 (100%)	3412 (100%)	16033

Table 192: Contingency table between death and Admissão em até 180 dias antes da T0

death	Admissão em até 180 dias antes da T0		Total
	0	1	
0	12640 (85%)	845 (76%)	13485
1	2276 (15%)	272 (24%)	2548
Total	14916 (100%)	1117 (100%)	16033

Table 193: Contingency table between death and Readmissões pós-T0 com diálise

death	Readmissões pós-T0 com diálise				Total
	0	1	2	3	
0	13479 (84%)	5 (26%)	1 (50%)	0 (0%)	13485
1	2532 (16%)	14 (74%)	1 (50%)	1 (100%)	2548
Total	16011 (100%)	19 (100%)	2 (100%)	1 (100%)	16033

Table 194: Contingency table between death and Desfecho principal da admissão T0

death	Desfecho principal da admissão T0		Total
	0	1	
0	13234 (84%)	251 (97%)	13485
1	2541 (16%)	7 (3%)	2548
Total	15775 (100%)	258 (100%)	16033

Table 195: Contingency table between death and Desfecho final do estudo

death	Desfecho final do estudo			Total
	1	2	3	
0	251 (9%)	7737 (100%)	5497 (100%)	13485
1	2548 (91%)	0 (0%)	0 (0%)	2548
Total	2799 (100%)	7737 (100%)	5497 (100%)	16033

Table 196: Contingency table between death and Óbito intraoperatório

death	Óbito intraoperatório		Total
	0	1	
0	13485 (84%)	0 (0%)	13485
1	2537 (16%)	11 (100%)	2548
Total	16022 (100%)	11 (100%)	16033

Table 197: Contingency table between death and Ventilação mecânica / IOT

death	Ventilação mecânica / IOT		Total
	0	1	
0	10924 (84%)	2561 (85%)	13485
1	2104 (16%)	444 (15%)	2548
Total	13028 (100%)	3005 (100%)	16033