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_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.546	0	69.0	110.6	17.959	16013	0
1	56.000	0	57.3	91.8	26.929	11	0

Table 2: Número de comorbidades

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.260	0	1	8	1.356	16013	0
1	1.727	0	1	4	1.555	11	0

Table 3: Ano do procedimento 1

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.594	1999	2010	2021	5.778	16013	0
1	2009.091	2000	2007	2018	6.534	11	0

Table 4: Idade no Procedimento 1

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.546	0	69.0	110.6	17.959	16013	0
1	56.000	0	57.3	91.8	26.929	11	0

Table 5: Ano do procedimento 2

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2013.083	1999	2013.0	2022	4.695	16013	11136
1	2009.750	2009	2009.5	2011	0.957	11	7

Table 6: Idade no Procedimento 2

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.134	0.0	69.2	108.7	19.265	16013	11135
1	50.575	18.9	61.0	61.4	21.120	11	7

Table 7: Ano do procedimento 3

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.317	1999	2015.0	2022	4.794	16013	14537
1	2013.750	2013	2013.5	2015	0.957	11	7

Table 8: Idade no Procedimento 3

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	62.056	0.4	66.0	101.1	20.764	16013	14537
1	54.475	25.1	63.3	66.2	19.631	11	7

Table 9: Ano do procedimento 4

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.46	2002	2015	2022	4.806	16013	15528
1	NaN	NA	NA	NA	NA	11	11

Table 10: Idade no Procedimento 4

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	59.625	1.9	63.7	97.7	21.921	16013	15528
1	NaN	NA	NA	NA	NA	11	11

Table 11: Ano do procedimento 5

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.234	2003	2014	2022	4.19	16013	15821
1	NaN	NA	NA	NA	NA	11	11

Table 12: Idade no Procedimento 5

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	57.845	3.2	62.75	99.7	22.035	16013	15821
1	NaN	NA	NA	NA	NA	11	11

Table 13: Ano do procedimento 6

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.728	2003	2015	2021	4.547	16013	15932
1	NaN	NA	NA	NA	NA	11	11

Table 14: Idade no Procedimento 6

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.865	6.6	58.8	101.6	22.394	16013	15932
1	NaN	NA	NA	NA	NA	11	11

Table 15: Ano do procedimento 7

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2015.656	2007	2016.5	2022	4.285	16013	15981
1	NaN	NA	NA	NA	NA	11	11

Table 16: Idade no Procedimento 7

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	51.231	8.8	57.1	81.8	20.858	16013	15981
1	NaN	NA	NA	NA	NA	11	11

Table 17: Ano do procedimento 8

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.917	2008	2015.5	2020	3.942	16013	16001
1	NaN	NA	NA	NA	NA	11	11

Table 18: Idade no Procedimento 8

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	52.283	14.3	52.9	81.8	23.027	16013	16001
1	NaN	NA	NA	NA	NA	11	11

Table 19: Ano do procedimento 9

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.8	2009	2016	2022	5.07	16013	16008
1	NaN	NA	NA	NA	NA	11	11

Table 20: Idade no Procedimento 9

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.86	15	36.6	82.2	26.06	16013	16008
1	NaN	NA	NA	NA	NA	11	11

Table 21: Ano do procedimento 10

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2019	2019	2019	2019	NA	16013	16012
1	NaN	NA	NA	NA	NA	11	11

Table 22: Idade no Procedimento 10

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.7	39.7	39.7	39.7	NA	16013	16012
1	NaN	NA	NA	NA	NA	11	11

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

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	73.018	0.0	83.6	197.1	40.34	16013	11135
1	65.625	17.3	71.9	101.4	39.42	11	7

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

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.576	0.0	60.7	170.5	39.809	16013	14537
1	47.050	21.9	45.9	74.5	23.641	11	7

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

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.604	0	31.75	142.7	39.82	16013	15529
1	NaN	NA	NA	NA	NA	11	11

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

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	32.376	0	7.1	144.3	38.429	16013	15821
1	NaN	NA	NA	NA	NA	11	11

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

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	27.699	0	5.8	110.3	34.88	16013	15932
1	NaN	NA	NA	NA	NA	11	11

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

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	31.491	0	3.95	142.3	42.63	16013	15981
1	NaN	NA	NA	NA	NA	11	11

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

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	19.983	0.2	2.6	80.9	28.743	16013	16001
1	NaN	NA	NA	NA	NA	11	11

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

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	21.72	4.8	8.7	63.2	24.892	16013	16008
1	NaN	NA	NA	NA	NA	11	11

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

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	36.8	36.8	36.8	36.8	NA	16013	16012
1	NaN	NA	NA	NA	NA	11	11

Table 32: Número de Mudanças do tipo de DCEI

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.086	0	0.0	3	0.296	16013	11139
1	0.500	0	0.5	1	0.577	11	7

Table 33: Número de atendimentos

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.373	1	2	51	2.215	16013	0
1	2.455	1	3	4	1.293	11	0

Table 34: Número da Admissão T0 (admissão índice)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.443	1	1	32	1.134	16013	0
1	1.455	1	1	3	0.820	11	0

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

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.850	0	0	50	1.677	16013	0
1	0.727	0	0	3	1.272	11	0

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

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.548	0	0	38	1.249	16013	0
1	0.727	0	0	3	1.104	11	0

Table 37: Ano da admissão T0

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.586	1999	2010	2021	5.779	16013	20
1	2009.091	2000	2007	2018	6.534	11	0

Table 38: UTI durante a admissão T0

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.984	0	0	213.00	8.251	16013	0
1	2.161	0	0	12.59	4.159	11	0

Table 39: Diálise durante a admissão T0

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.037	0	0	78	1.189	16013	0
1	0.000	0	0	0	0.000	11	0

Table 40: Readmissão em até 30 dias

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.038	0	0	1	0.19	16013	0
1	0.000	0	0	0	0.00	11	0

Table 41: Readmissão entre 31 a 60 dias

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.057	0	0	1	0.231	16013	0
1	0.000	0	0	0	0.000	11	0

Table 42: Readmissão entre 61 a 180 dias

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.093	0	0	1	0.29	16013	0
1	0.000	0	0	0	0.00	11	0

Table 43: Readmissão em até 1 ano

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.126	0	0	1	0.331	16013	0
1	0.000	0	0	0	0.000	11	0

Table 44: Número de procedimentos na admissão T0

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.016	1	1	5	0.144	16013	0
1	1.000	1	1	1	0.000	11	0

Table 45: Número de procedimentos em até 30 dias

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	3	0.097	16013	0
1	0.000	0	0	0	0.000	11	0

Table 46: Número de procedimentos em até 60 dias

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	3	0.102	16013	0
1	0.000	0	0	0	0.000	11	0

Table 47: Número de procedimentos em até 180 dias

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	4	0.13	16013	0
1	0.000	0	0	0	0.00	11	0

Table 48: Número de procedimentos em até 1 ano

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	3	0.124	16013	0
1	0.000	0	0	0	0.000	11	0

Table 49: Tempo de seguimento total (anos)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.788	0	4.3	22.6	5.249	16013	0
1	3.418	0	0.0	13.3	4.988	11	0

Table 50: Óbito intraoperatório

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	16013	0
1	1	1	1	1	0	11	0

Table 51: Óbito hospitalar (intraoperatório ou admissao T0)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.016	0	0	1	0.124	16013	0
1	1.000	1	1	1	0.000	11	0

Table 52: Óbito durante algum episódio de readmissão hospitalar

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.081	0	0	1	0.273	16013	0
1	0.364	0	0	1	0.505	11	0

Table 53: Óbito em até 30 dias após a alta T0

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	16013	15942
1	NaN	NA	NA	NA	NA	11	11

Table 54: Óbito em até 180 dias após a alta T0

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	16013	15754
1	NaN	NA	NA	NA	NA	11	11

Table 55: Óbito em até 1 ano após a alta T0

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	16013	15826
1	NaN	NA	NA	NA	NA	11	11

Table 56: Óbito em até 2 anos após a alta T0

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	16013	15776
1	NaN	NA	NA	NA	NA	11	11

Table 57: Óbito em até 3 anos após a alta T0

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	16013	15855
1	NaN	NA	NA	NA	NA	11	11

Table 58: Óbito (status final)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.174	0	0	1	0.379	16013	0
1	1.000	1	1	1	0.000	11	0

Table 59: Tempo de sobrevida (anos)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.573	0	1.9	20.1	4.057	16013	14002
1	3.418	0	0.0	13.3	4.988	11	0

Table 60: Diárias no serviço de Emergência na admissão T0

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.322	0	0	28	1.368	16013	6002
1	0.000	0	0	0	0.000	11	6

Table 61: Anticoagulantes orais

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.303	0	0	98	2.452	16013	3516
1	0.000	0	0	0	0.000	11	3

Table 62: Antiarritmicos

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.26	0	0	844	21.301	16013	3516
1	1.75	0	0	14	4.950	11	3

Table 63: Antihipertensivo

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.504	0	0	349	5.577	16013	3516
1	0.000	0	0	0	0.000	11	3

Table 64: Betabloqueador

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.111	0	0	388	8.099	16013	3516
1	1.125	0	0	9	3.182	11	3

Table 65: IECA/BRA

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	9.063	0	2	773	22.421	16013	3516
1	3.125	0	0	23	8.061	11	3

Table 66: DVA

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.59	0	0	1917	47.136	16013	3516
1	38.00	0	34	106	40.553	11	3

Table 67: Digoxina

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.237	0	0	50	1.685	16013	3516
1	0.000	0	0	0	0.000	11	3

Table 68: Estatinas

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.29	0	0	421	17.166	16013	3516
1	7.50	0	0	60	21.213	11	3

Table 69: Diuretico

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	11.834	0	0	2966	70.182	16013	3516
1	7.625	0	0	45	16.106	11	3

Table 70: Vasodilator

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	10.352	0	0	3820.5	64.574	16013	3516
1	9.000	0	0	58.0	20.396	11	3

Table 71: Insuficiência cardíaca (ivabradina, levosimedan, milrinona, nesiritida, carvedilol)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.656	0	0	453	17.158	16013	3516
1	2.125	0	0	9	3.944	11	3

Table 72: Antagonista da Aldosterona (espironolactona)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.157	0	0	255	8.366	16013	3516
1	0.000	0	0	0	0.000	11	3

Table 73: Bloqueador do canal de calcio

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.631	0	0	509	9.63	16013	3516
1	0.000	0	0	0	0.00	11	3

Table 74: Trombolitico

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.047	16013	3516
1	0.000	0	0	0	0.000	11	3

Table 75: Antiplaquetario VO

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	16013	3516
1	0	0	0	0	0	11	3

Table 76: Antiplaquetario EV

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	8	0.179	16013	3516
1	0.000	0	0	0	0.000	11	3

Table 77: Insulina

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.103	0	0	16	0.502	16013	3516
1	0.000	0	0	0	0.000	11	3

Table 78: Hipoglicemiante

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.353	0	0	90	2.819	16013	3516
1	0.000	0	0	0	0.000	11	3

Table 79: Hormonio tireoidiano

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	16013	3516
1	0	0	0	0	0	11	3

Table 80: Broncodiltador

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	16013	3516
1	0	0	0	0	0	11	3

Table 81: Anticonvulsivante

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.044	0	0	390	11.623	16013	3516
1	0.000	0	0	0	0.000	11	3

Table 82: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.053	0	0.0	573	14.723	16013	3516
1	3.000	0	0.5	14	4.928	11	3

Table 83: Antibióticos

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	15.128	0	4	1812	63.804	16013	3516
1	13.875	0	4	85	28.931	11	3

Table 84: Antifúngicos

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.453	0	0	122	4.4	16013	3516
1	0.000	0	0	0	0.0	11	3

Table 85: Antiviral

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.122	0	0	131	2.737	16013	3516
1	0.000	0	0	0	0.000	11	3

Table 86: Antiretroviral

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	32	0.444	16013	3516
1	0.000	0	0	0	0.000	11	3

Table 87: Quantidade de classes medicamentosas utilizadas

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.808	1	4	17	2.586	16013	5009
1	4.333	2	4	7	1.966	11	5

Table 88: Quantidade de classes medicamentosas de ação cardiovascular

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.149	1	3	10	1.786	16013	6590
1	2.500	1	2	5	1.761	11	5

Table 89: Quantidade de medicamentos de ação cardiovascular

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	52.396	0	10	8738	181.163	16013	3516
1	62.750	0	62	133	57.291	11	3

Table 90: Quantidade de antimicrobianos (antibióticos e antifúngicos)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	15.581	0	4	1812	65.557	16013	3516
1	13.875	0	4	85	28.931	11	3

Table 91: Ventilação não invasiva

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.048	0	0	114	1.55	16013	2763
1	0.000	0	0	0	0.00	11	3

Table 92: Instalação de CEC

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.013	0	0	2	0.114	16013	2763
1	0.125	0	0	1	0.354	11	3

Table 93: Cirurgia Cardiovascular

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.059	0	0	9	0.388	16013	2763
1	0.250	0	0	1	0.463	11	3

Table 94: Transplante cardíaco

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.041	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 95: Cirurgia Toracica

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	9	0.106	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 96: Outros procedimentos cirúrgicos (cir geral, gastrocir, plástica, uro, vascular)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.117	0	0	22	0.583	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 97: Traqueostomia

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	8	0.09	16013	2763
1	0.000	0	0	0	0.00	11	3

Table 98: Intervenção coronária percutânea

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	4	0.139	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 99: Intervenção cardiovascular em laboratório de hemodinâmica (alcoolização septal, valvoplastia percutânea, stent em vasos pulmonares)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	3	0.116	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 100: Stent

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	1	0.009	16013	2763
1	0	0	0	0	0.000	11	3

Table 101: Angioplastia

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.043	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 102: Cateterismo

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.126	0	0	7	0.409	16013	2763
1	0.250	0	0	1	0.463	11	3

Table 103: Eletrofisiologia

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.083	0	0	11	0.478	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 104: Suporte cardiocirculatório (ECMO, BIA, Bio-PUMP)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.127	0	0	535	5.576	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 105: Cateter venoso central

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.031	0	0	5	0.215	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 106: Drenagem de tórax (instalação /troca) e punção pericárdica ou pleural

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	6	0.123	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 107: Quantidade de procedimentos invasivos

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.590	0	0	554	5.988	16013	2763
1	0.625	0	0	2	0.916	11	3

Table 108: Cardioversão/ Desfibrilação (sessão)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	5	0.124	16013	3601
1	0.375	0	0	3	1.061	11	3

Table 109: Transfusão de hemoderivados

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.053	0	0	61	0.986	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 110: Interconsulta médica (Especialidades cirúrgicas, infecto, uro, nefro, psiquiatra, dermato, alergista, oncologista, geriatra, etc)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.415	0	0	199	3.434	16013	2763
1	0.250	0	0	1	0.463	11	3

Table 111: Equipe Multiprofissional (enf, fono, fisio, nutri, serviço social, psicologia)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.516	0	0	420	15.483	16013	2763
1	1.875	0	1	9	3.044	11	3

Table 112: ECG

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.146	0	2.0	141	6.551	16013	2763
1	3.250	1	2.5	8	2.252	11	3

Table 113: Holter

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.107	0	0	5	0.358	16013	2763
1	0.250	0	0	1	0.463	11	3

Table 114: Teste de esforço

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.01	0	0	3	0.107	16013	2763
1	0.00	0	0	0	0.000	11	3

Table 115: Espirometria / Ergoespirometria

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	2	0.069	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 116: Tilt Test

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.051	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 117: Polissonografia

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.045	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 118: Quantidade de exames por métodos gráficos

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.271	0	2.0	143	6.679	16013	2763
1	3.500	1	2.5	8	2.390	11	3

Table 119: Exames laboratoriais (exames bioquímicos, exames hematologia/coagulação, anticorpos, dosagem sérica de fármacos)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	68.98	0	10	3608	203.459	16013	2763
1	76.75	0	28	270	106.274	11	3

Table 120: Culturas (hemocultura, cultura de secreções, urocultura e cultura de cateteres)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.371	0	0	48	1.578	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 121: Quantidade de exames de análises clínicas

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	69.351	0	10	3645	204.706	16013	2763
1	76.750	0	28	270	106.274	11	3

Table 122: Citologias

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	8	0.152	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 123: Biopsias (cardíaca, esterno, parede torácica, tumor em mediastino, pulmonar)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.015	0	0	10	0.257	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 124: Quantidade de exames histopatológicos

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.025	0	0	10	0.306	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 125: Angio RM

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	4	0.085	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 126: Angio TC

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.037	0	0	9	0.253	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 127: Angiografia

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.051	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 128: Aortografia

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.051	16013	2763
1	0.125	0	0	1	0.354	11	3

Table 129: Arteriografia

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.029	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 130: Cavografia

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	1	0.087	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 131: Cintilografia

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.066	0	0	5	0.356	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 132: Ecocardiograma

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.574	0	0.0	24	1.306	16013	2763
1	0.750	0	0.5	2	0.886	11	3

Table 133: Exames endoscópicos (EDA, colonoscopia, retossigmoidoscopia, broncoscopia)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.019	0	0	6	0.184	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 134: Flebografia

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.036	0	0	5	0.291	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 135: PET-CT

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	3	0.08	16013	2763
1	0.000	0	0	0	0.00	11	3

Table 136: Ultrassom

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.199	0	0	28	0.910	16013	2763
1	0.375	0	0	3	1.061	11	3

Table 137: Tomografia

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.175	0	0	15	0.716	16013	2763
1	0.000	0	0	0	0.000	11	3

Table 138: Radiografias

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.377	0	2	261	8.907	16013	2763
1	2.875	0	2	7	2.416	11	3

Table 139: Ressonancia magnetica

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.073	0	0	6	0.308	16013	2763
1	0.125	0	0	1	0.354	11	3

Table 140: Quantidade de exames diagnóstico por imagem

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.578	0	2.0	281	10.912	16013	2763
1	4.250	0	2.5	11	4.132	11	3

Table 141: Dieta enteral (frasco)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.068	0	0	195	2.713	16013	3603
1	0.125	0	0	1	0.354	11	3

Table 142: Dieta parenteral (frasco)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	14	0.144	16013	3603
1	0.000	0	0	0	0.000	11	3

Table 143: Bomba de infusão contínua (horas)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.141	0	0	1527	24.462	16013	3603
1	31.500	0	0	252	89.095	11	3

Table 144: Marca-passo temporário (por hora)

death_intraop	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.175	0	0	180	3.298	16013	3603
1	0.000	0	0	0	0.000	11	3

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 intraop and Sexo

	Sexo		
death_intraop	0	1	Total
0	7559 (100%)	8454 (100%)	16013
1	5 (0%)	6 (0%)	11
Total	7564 (100%)	8460 (100%)	16024

Table 146: Contingency table between death intraop and Doença cardíaca

	Doença cardíaca				
death_intraop	0	1	2	NA	Total
0	9278 (100%)	1171 (100%)	3529 (100%)	2035 (100%)	16013
1	6 (0%)	1 (0%)	2 (0%)	2 (0%)	11
Total	9284 (100%)	1172 (100%)	3531 (100%)	2037 (100%)	16024

Table 147: Contingency table between death intraop and Hipertensão arterial

	Hipertensão arterial		
death_intraop	0	1	Total
0	12129 (100%)	3884 (100%)	16013
1	11 (0%)	0 (0%)	11
Total	12140 (100%)	3884 (100%)	16024

Table 148: Contingency table between death intraop and Infarto do miocárdio prévio / Doença arterial coronariana

	Infarto do miocárdio prévio / Doença arterial coronariana		
death_intraop	0	1	Total
0	14537 (100%)	1476 (100%)	16013
1	9 (0%)	2 (0%)	11
Total	14546 (100%)	1478 (100%)	16024

Table 149: Contingency table between death intraop and Insuficiência cardíaca

	Insuficiência cardíaca		
death_intraop	0	1	Total
0	10202 (100%)	5811 (100%)	16013
1	4 (0%)	7 (0%)	11
Total	10206 (100%)	5818 (100%)	16024

Table 150: Contingency table between death intraop and Fibrilação / flutter atrial

	Fibrilação / flutter atrial		
death_intraop	0	1	Total
0	13599 (100%)	2414 (100%)	16013
1	9 (0%)	2 (0%)	11
Total	13608 (100%)	2416 (100%)	16024

Table 151: Contingency table between death intraop and Parada cardíaca prévia/ Taquicardia ventricular instável

	Parada cardíaca prévia/ Taquicardia ventricular instável		
death_intraop	0	1	Total
0	14095 (100%)	1918 (100%)	16013
1	9 (0%)	2 (0%)	11
Total	14104 (100%)	1920 (100%)	16024

Table 152: Contingency table between death intraop and Transplante cardíaco prévio

	Transplante cardíaco prévio		
death_intraop	0	1	Total
0	16000 (100%)	13 (100%)	16013
1	11 (0%)	0 (0%)	11
Total	16011 (100%)	13 (100%)	16024

Table 153: Contingency table between death intraop and Valvopatias/ Prótese valvares

	Valvopatias/ Prótese valvares		
death_intraop	0	1	Total
0	14937 (100%)	1076 (100%)	16013
1	11 (0%)	0 (0%)	11
Total	14948 (100%)	1076 (100%)	16024

Table 154: Contingency table between death intraop and Endocardite prévia

	Endocardite prévia		
death_intraop	0	1	Total
0	15875 (100%)	138 (100%)	16013
1	11 (0%)	0 (0%)	11
Total	15886 (100%)	138 (100%)	16024

Table 155: Contingency table between death intraop and Diabetes melittus

	Diabetes melittus		
death_intraop	0	1	Total
0	14069 (100%)	1944 (100%)	16013
1	10 (0%)	1 (0%)	11
Total	14079 (100%)	1945 (100%)	16024

Table 156: Contingency table between death intraop and Insuficiência renal crônica

	Insuficiência renal crônica		
death_intraop	0	1	Total
0	15366 (100%)	647 (100%)	16013
1	8 (0%)	3 (0%)	11
Total	15374 (100%)	650 (100%)	16024

Table 157: Contingency table between death intraop and Hemodiálise

	Hemodiálise		
death_intraop	0	1	Total
0	15992 (100%)	21 (95%)	16013
1	10 (0%)	1 (5%)	11
Total	16002 (100%)	22 (100%)	16024

Table 158: Contingency table between death intraop and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios		
death_intraop	0	1	Total
0	15508 (100%)	505 (100%)	16013
1	10 (0%)	1 (0%)	11
Total	15518 (100%)	506 (100%)	16024

Table 159: Contingency table between death intraop and Doença pulmonar obstrutiva crônica

	Doença pulmonar obstrutiva crônica		
death_intraop	0	1	Total
0	15794 (100%)	219 (100%)	16013
1	11 (0%)	0 (0%)	11
Total	15805 (100%)	219 (100%)	16024

Table 160: Contingency table between death intraop and Neoplasia em tratamento ou tratada recentemente (12 meses)

	Neoplasia em tratamento ou tratada recentemente (12 meses)		
death_intraop	0	1	Total
0	15898 (100%)	115 (100%)	16013
1	11 (0%)	0 (0%)	11
Total	15909 (100%)	115 (100%)	16024

Table 161: Contingency table between death intraop and Tipo de Procedimento 1

	Tipo de Procedimento 1		
death_intraop	1	2	Total
0	11119 (100%)	4894 (100%)	16013
1	10 (0%)	1 (0%)	11
Total	11129 (100%)	4895 (100%)	16024

Table 162: Contingency table between death intraop and Tipo de Reoperação 1

	Tipo de Reoperação 1				
death_intraop	1	2	3	NA	Total
0	3928 (100%)	932 (100%)	34 (100%)	11119 (100%)	16013
1	0 (0%)	1 (0%)	0 (0%)	10 (0%)	11
Total	3928 (100%)	933 (100%)	34 (100%)	11129 (100%)	16024

Table 163: Contingency table between death intraop and Tipo de Dispositivo ao final do procedimento 1

	Tipo de Dispositivo ao final do procedimento 1				
death_intraop	1	2	3	4	Total
0	12469 (100%)	1788 (100%)	1296 (100%)	460 (100%)	16013
1	6 (0%)	3 (0%)	2 (0%)	0 (0%)	11
Total	12475 (100%)	1791 (100%)	1298 (100%)	460 (100%)	16024

Table 164: Contingency table between death intraop and Óbito intraoperatório 1

	Óbito intraoperatório 1		
death_intraop	0	1	Total
0	16013 (100%)	0 (0%)	16013
1	4 (0%)	7 (100%)	11
Total	16017 (100%)	7 (100%)	16024

Table 165: Contingency table between death intraop and Tipo de Reoperação 2

	Tipo de Reoperação 2				
death_intraop	1	2	3	NA	Total
0	3258 (100%)	1491 (100%)	121 (100%)	11143 (100%)	16013
1	2 (0%)	2 (0%)	0 (0%)	7 (0%)	11
Total	3260 (100%)	1493 (100%)	121 (100%)	11150 (100%)	16024

Table 166: Contingency table between death intraop and Tipo de Dispositivo ao final do procedimento 2

	Tipo de Dispositivo ao final do procedimento 2					
death_intraop	1	2	3	4	NA	Total
0	3638 (100%)	642 (100%)	387 (100%)	203 (100%)	11143 (100%)	16013
1	0 (0%)	3 (0%)	1 (0%)	0 (0%)	7 (0%)	11
Total	3638 (100%)	645 (100%)	388 (100%)	203 (100%)	11150 (100%)	16024

Table 167: Contingency table between death intraop and Óbito intraoperatório 2

	Óbito intraoperatório 2		
death_intraop	0	NA	Total
0	4877 (100%)	11136 (100%)	16013
1	4 (0%)	7 (0%)	11
Total	4881 (100%)	11143 (100%)	16024

Table 168: Contingency table between death intraop and Tipo de Reoperação 3

	Tipo de Reoperação 3				
death_intraop	1	2	3	NA	Total
0	724 (100%)	577 (99%)	61 (98%)	14651 (100%)	16013
1	0 (0%)	3 (1%)	1 (2%)	7 (0%)	11
Total	724 (100%)	580 (100%)	62 (100%)	14658 (100%)	16024

Table 169: Contingency table between death intraop and Tipo de Dispositivo ao final do procedimento 3

	Tipo de Dispositivo ao final do procedimento 3					
death_intraop	1	2	3	4	NA	Total
0	968 (100%)	249 (99%)	159 (99%)	99 (100%)	14538 (100%)	16013
1	0 (0%)	3 (1%)	1 (1%)	0 (0%)	7 (0%)	11
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14545 (100%)	16024

Table 170: Contingency table between death intraop and Óbito intraoperatório 3

	Óbito intraoperatório 3			
death_intraop	0	1	NA	Total
0	1476 (100%)	0 (0%)	14537 (100%)	16013
1	0 (0%)	4 (100%)	7 (0%)	11
Total	1476 (100%)	4 (100%)	14544 (100%)	16024

Table 171: Contingency table between death intraop and Tipo de Reoperação 4

	Tipo de Reoperação 4				
death_intraop	1	2	3	NA	Total
0	192 (100%)	251 (100%)	33 (100%)	15537 (100%)	16013
1	0 (0%)	0 (0%)	0 (0%)	11 (0%)	11
Total	192 (100%)	251 (100%)	33 (100%)	15548 (100%)	16024

Table 172: Contingency table between death intraop and Tipo de Dispositivo ao final do procedimento 4

	Tipo de Dispositivo ao final do procedimento 4					
death_intraop	1	2	3	4	NA	Total
0	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15528 (100%)	16013
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	11 (0%)	11
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15539 (100%)	16024

Table 173: Contingency table between death intraop and Óbito intraoperatório 4

	Óbito intraoperatório 4		
death_intraop	0	NA	Total
0	485 (100%)	15528 (100%)	16013
1	0 (0%)	11 (0%)	11
Total	485 (100%)	15539 (100%)	16024

Table 174: Contingency table between death intraop and Tipo de Reoperação 5

	Tipo de Reoperação 5				
death_intraop	1	2	3	NA	Total
0	71 (100%)	106 (100%)	14 (100%)	15822 (100%)	16013
1	0 (0%)	0 (0%)	0 (0%)	11 (0%)	11
Total	71 (100%)	106 (100%)	14 (100%)	15833 (100%)	16024

Table 175: Contingency table between death intraop and Tipo de Dispositivo ao final do procedimento 5

	Tipo de Dispositivo ao final do procedimento 5					
death_intraop	1	2	3	4	NA	Total
0	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15822 (100%)	16013
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	11 (0%)	11
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15833 (100%)	16024

Table 176: Contingency table between death intraop and Óbito intraoperatório 5

	Óbito intraoperatório 5		
death_intraop	0	NA	Total
0	192 (100%)	15821 (100%)	16013
1	0 (0%)	11 (0%)	11
Total	192 (100%)	15832 (100%)	16024

Table 177: Contingency table between death intraop and Tipo de Reoperação 6

	Tipo de Reoperação 6				
death_intraop	1	2	3	NA	Total
0	26 (100%)	46 (100%)	6 (100%)	15935 (100%)	16013
1	0 (0%)	0 (0%)	0 (0%)	11 (0%)	11
Total	26 (100%)	46 (100%)	6 (100%)	15946 (100%)	16024

Table 178: Contingency table between death intraop and Tipo de Dispositivo ao final do procedimento 6

	Tipo de Dispositivo ao final do procedimento 6					
death_intraop	1	2	3	4	NA	Total
0	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15932 (100%)	16013
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	11 (0%)	11
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15943 (100%)	16024

Table 179: Contingency table between death intraop and Óbito intraoperatório 6

	Óbito intraoperatório 6		
death_intraop	0	NA	Total
0	81 (100%)	15932 (100%)	16013
1	0 (0%)	11 (0%)	11
Total	81 (100%)	15943 (100%)	16024

Table 180: Contingency table between death intraop and Tipo de Reoperação 7

	Tipo de Reoperação 7				
death_intraop	1	2	3	NA	Total
0	10 (100%)	18 (100%)	4 (100%)	15981 (100%)	16013
1	0 (0%)	0 (0%)	0 (0%)	11 (0%)	11
Total	10 (100%)	18 (100%)	4 (100%)	15992 (100%)	16024

Table 181: Contingency table between death intraop and Tipo de Dispositivo ao final do procedimento 7

	Tipo de Dispositivo ao final do procedimento 7					
death_intraop	1	2	3	4	NA	Total
0	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15982 (100%)	16013
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	11 (0%)	11
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15993 (100%)	16024

Table 182: Contingency table between death intraop and Óbito intraoperatório 7

	Óbito intraoperatório 7		
death_intraop	0	NA	Total
0	32 (100%)	15981 (100%)	16013
1	0 (0%)	11 (0%)	11
Total	32 (100%)	15992 (100%)	16024

Table 183: Contingency table between death intraop and Tipo de Reoperação 8

	Tipo de Reoperação 8			
death_intraop	1	2	NA	Total
0	3 (100%)	9 (100%)	16001 (100%)	16013
1	0 (0%)	0 (0%)	11 (0%)	11
Total	3 (100%)	9 (100%)	16012 (100%)	16024

Table 184: Contingency table between death intraop and Tipo de Dispositivo ao final do procedimento 8

	Tipo de Dispositivo ao final do procedimento 8				
death_intraop	1	2	4	NA	Total
0	7 (100%)	4 (100%)	1 (100%)	16001 (100%)	16013
1	0 (0%)	0 (0%)	0 (0%)	11 (0%)	11
Total	7 (100%)	4 (100%)	1 (100%)	16012 (100%)	16024

Table 185: Contingency table between death intraop and Óbito intraoperatório 8

	Óbito intraoperatório 8		
death_intraop	0	NA	Total
0	12 (100%)	16001 (100%)	16013
1	0 (0%)	11 (0%)	11
Total	12 (100%)	16012 (100%)	16024

Table 186: Contingency table between death intraop and Tipo de Reoperação 9

	Tipo de Reoperação 9		
death_intraop	2	NA	Total
0	5 (100%)	16008 (100%)	16013
1	0 (0%)	11 (0%)	11
Total	5 (100%)	16019 (100%)	16024

Table 187: Contingency table between death intraop and Tipo de Dispositivo ao final do procedimento 9

	Tipo de Dispositivo ao final do procedimento 9			
death_intraop	1	2	NA	Total
0	3 (100%)	2 (100%)	16008 (100%)	16013
1	0 (0%)	0 (0%)	11 (0%)	11
Total	3 (100%)	2 (100%)	16019 (100%)	16024

Table 188: Contingency table between death intraop and Óbito intraoperatório 9

	Óbito intraoperatório 9		
death_intraop	0	NA	Total
0	5 (100%)	16008 (100%)	16013
1	0 (0%)	11 (0%)	11
Total	5 (100%)	16019 (100%)	16024

Table 189: Contingency table between death intraop and Tipo de Reoperação 10

	Tipo de Reoperação 10		
death_intraop	2	NA	Total
0	1 (100%)	16012 (100%)	16013
1	0 (0%)	11 (0%)	11
Total	1 (100%)	16023 (100%)	16024

Table 190: Contingency table between death intraop and Tipo de Dispositivo ao final do procedimento 10

	Tipo de Dispositivo ao final do procedimento 10		
death_intraop	2	NA	Total
0	1 (100%)	16012 (100%)	16013
1	0 (0%)	11 (0%)	11
Total	1 (100%)	16023 (100%)	16024

Table 191: Contingency table between death intraop and Óbito intraoperatório 10

	Óbito intraoperatório 10		
death_intraop	0	NA	Total
0	1 (100%)	16012 (100%)	16013
1	0 (0%)	11 (0%)	11
Total	1 (100%)	16023 (100%)	16024

Table 192: Contingency table between death intraop 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_intraop	0	1	NA	Total
0	4592 (100%)	278 (99%)	11143 (100%)	16013
1	2 (0%)	2 (1%)	7 (0%)	11
Total	4594 (100%)	280 (100%)	11150 (100%)	16024

Table 193: Contingency table between death intraop 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_intraop	0	1	NA	Total
0	1381 (100%)	94 (100%)	14538 (100%)	16013
1	4 (0%)	0 (0%)	7 (0%)	11
Total	1385 (100%)	94 (100%)	14545 (100%)	16024

Table 194: Contingency table between death intraop 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_intraop	0	1	NA	Total
0	457 (100%)	28 (100%)	15528 (100%)	16013
1	0 (0%)	0 (0%)	11 (0%)	11
Total	457 (100%)	28 (100%)	15539 (100%)	16024

Table 195: Contingency table between death intraop 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_intraop	0	1	NA	Total
0	182 (100%)	9 (100%)	15822 (100%)	16013
1	0 (0%)	0 (0%)	11 (0%)	11
Total	182 (100%)	9 (100%)	15833 (100%)	16024

Table 196: Contingency table between death intraop 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_intraop	0	1	NA	Total
0	74 (100%)	7 (100%)	15932 (100%)	16013
1	0 (0%)	0 (0%)	11 (0%)	11
Total	74 (100%)	7 (100%)	15943 (100%)	16024

Table 197: Contingency table between death intraop 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_intraop	0	1	NA	Total
0	28 (100%)	3 (100%)	15982 (100%)	16013
1	0 (0%)	0 (0%)	11 (0%)	11
Total	28 (100%)	3 (100%)	15993 (100%)	16024

Table 198: Contingency table between death intraop 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_intraop	0	1	NA	Total
0	11 (100%)	1 (100%)	16001 (100%)	16013
1	0 (0%)	0 (0%)	11 (0%)	11
Total	11 (100%)	1 (100%)	16012 (100%)	16024

Table 199: Contingency table between death intraop 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_intraop	0	NA	Total
0	5 (100%)	16008 (100%)	16013
1	0 (0%)	11 (0%)	11
Total	5 (100%)	16019 (100%)	16024

Table 200: Contingency table between death intraop 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_intraop	0	NA	Total
0	1 (100%)	16012 (100%)	16013
1	0 (0%)	11 (0%)	11
Total	1 (100%)	16023 (100%)	16024

Table 201: Contingency table between death intraop and Diálise durante os episódios de hospitalização

	Diálise durante os episódios de hospitalização		
death_intraop	0	1	Total
0	15952 (100%)	61 (100%)	16013
1	11 (0%)	0 (0%)	11
Total	15963 (100%)	61 (100%)	16024

Table 202: Contingency table between death intraop and UTI durante os episódios de hospitalização

	UTI durante os episódios de hospitalização		
death_intraop	0	1	Total
0	12612 (100%)	3401 (100%)	16013
1	8 (0%)	3 (0%)	11
Total	12620 (100%)	3404 (100%)	16024

Table 203: Contingency table between death intraop and Admissão em até 180 dias antes da T0

	Admissão em até 180 dias antes da T0		
death_intraop	0	1	Total
0	14898 (100%)	1115 (100%)	16013
1	11 (0%)	0 (0%)	11
Total	14909 (100%)	1115 (100%)	16024

Table 204: Contingency table between death intraop and Readmissões pós-T0 com diálise

	Readmissões pós-T0 com diálise				
death_intraop	0	1	2	3	Total
0	15991 (100%)	19 (100%)	2 (100%)	1 (100%)	16013
1	11 (0%)	0 (0%)	0 (0%)	0 (0%)	11
Total	16002 (100%)	19 (100%)	2 (100%)	1 (100%)	16024

Table 205: Contingency table between death intraop and Desfecho principal da admissão T0

	Desfecho principal da admissão T0		
death_intraop	0	1	Total
0	15762 (100%)	251 (97%)	16013
1	4 (0%)	7 (3%)	11
Total	15766 (100%)	258 (100%)	16024

Table 206: Contingency table between death intraop and Readmissão cirúrgica em até 30 dias

	Readmissão cirúrgica em até 30 dias		
death_intraop	0	1	Total
0	15876 (100%)	137 (100%)	16013
1	11 (0%)	0 (0%)	11
Total	15887 (100%)	137 (100%)	16024

Table 207: Contingency table between death intraop and Readmissão cirúrgica entre 31 a 60 dias

	Readmissão cirúrgica entre 31 a 60 dias		
death_intraop	0	1	Total
0	15920 (100%)	93 (100%)	16013
1	11 (0%)	0 (0%)	11
Total	15931 (100%)	93 (100%)	16024

Table 208: Contingency table between death intraop and Readmissão cirúgica entre 61 a 180 dias

	Readmissão cirúgica entre 61 a 180 dias		
death_intraop	0	1	Total
0	15864 (100%)	149 (100%)	16013
1	11 (0%)	0 (0%)	11
Total	15875 (100%)	149 (100%)	16024

Table 209: Contingency table between death intraop and Readmissão cirúrgica em até 1 ano

	Readmissão cirúrgica em até 1 ano		
death_intraop	0	1	Total
0	15881 (100%)	132 (100%)	16013
1	11 (0%)	0 (0%)	11
Total	15892 (100%)	132 (100%)	16024

Table 210: Contingency table between death intraop and Desfecho final do estudo

	Desfecho final do estudo			
death_intraop	1	2	3	Total
0	2787 (100%)	7729 (100%)	5497 (100%)	16013
1	11 (0%)	0 (0%)	0 (0%)	11
Total	2798 (100%)	7729 (100%)	5497 (100%)	16024

Table 211: Contingency table between death intraop and Ventilação mecânica / IOT

	Ventilação mecânica / IOT		
death_intraop	1	NA	Total
0	2980 (100%)	13033 (100%)	16013
1	4 (0%)	7 (0%)	11
Total	2984 (100%)	13040 (100%)	16024