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 <dttm>, date_procedure_2 <dttm>
```

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_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.612	0	69.1	110.6	18.073	14728	0
1	64.610	0	66.9	97.9	16.738	1305	0

Table 2: Número de comorbidades

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.252	0	1	8	1.351	14728	0
1	1.393	0	1	8	1.459	1305	0

Table 3: Ano do procedimento 1

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.808	1999	2010	2021	5.825	14728	0
1	2008.202	1999	2007	2021	4.582	1305	0

Table 4: Idade no Procedimento 1

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.612	0	69.1	110.6	18.073	14728	0
1	64.610	0	66.9	97.9	16.738	1305	0

Table 5: Ano do procedimento 2

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2013.271	1999	2013	2022	4.673	14728	10221
1	2010.761	2001	2011	2021	4.296	1305	932

Table 6: Idade no Procedimento 2

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.268	0.0	69.4	108.7	19.326	14728	10220
1	63.392	1.8	66.8	100.9	18.518	1305	932

Table 7: Ano do procedimento 3

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.535	1999	2015	2022	4.79	14728	13389
1	2012.227	2003	2012	2021	4.25	1305	1164

Table 8: Idade no Procedimento 3

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	61.954	0.4	65.8	101.1	20.916	14728	13389
1	62.804	4.3	67.4	95.3	19.253	1305	1164

Table 9: Ano do procedimento 4

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.613	2002	2015	2022	4.854	14728	14296
1	2013.170	2003	2013	2021	4.232	1305	1252

Table 10: Idade no Procedimento 4

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	59.136	1.9	63.25	97.7	21.880	14728	14296
1	63.579	4.3	69.60	95.3	22.082	1305	1252

Table 11: Ano do procedimento 5

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.366	2004	2014	2022	4.138	14728	14556
1	2013.050	2003	2013	2020	4.548	1305	1285

Table 12: Idade no Procedimento 5

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	57.476	3.2	62.3	99.7	21.617	14728	14556
1	60.945	7.5	67.1	95.7	25.796	1305	1285

Table 13: Ano do procedimento 6

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.871	2004	2015	2021	4.287	14728	14658
1	2013.917	2003	2015	2020	5.854	1305	1293

Table 14: Idade no Procedimento 6

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	56.451	6.6	58.75	101.6	21.674	14728	14658
1	51.842	7.8	59.85	84.9	26.183	1305	1293

Table 15: Ano do procedimento 7

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2015.857	2007	2016.5	2022	4.053	14728	14700
1	2014.250	2008	2014.0	2021	6.238	1305	1301

Table 16: Idade no Procedimento 7

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	52.943	14.2	57.10	81.8	18.970	14728	14700
1	39.250	8.8	39.05	70.1	32.218	1305	1301

Table 17: Ano do procedimento 8

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	14728	14718
1	1	1	1	1	0	1305	1303

Table 18: Idade no Procedimento 8

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	14728	14718
1	1	1	1	1	0	1305	1303

Table 19: Ano do procedimento 9

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	14728	14724
1	1	1	1	1	NA	1305	1304

Table 20: Idade no Procedimento 9

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	14728	14724
1	1	1	1	1	NA	1305	1304

Table 21: Ano do procedimento 10

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	14728	14727
1	NaN	NA	NA	NA	NA	1305	1305

Table 22: Idade no Procedimento 10

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	14728	14727
1	NaN	NA	NA	NA	NA	1305	1305

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	74.749	0.0	85.4	197.1	40.085	14728	10220
1	52.073	0.1	53.6	133.3	37.454	1305	932

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	57.998	0	64.3	170.5	39.626	14728	13389
1	32.291	0	20.6	124.1	33.244	1305	1164

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	42.012	0	36.4	142.7	40.715	14728	14297
1	19.789	0	5.8	95.4	24.193	1305	1252

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	33.933	0.0	8.35	144.3	39.486	14728	14556
1	19.090	0.3	4.50	68.2	24.576	1305	1285

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	30.066	0.0	7.30	110.3	36.015	14728	14658
1	13.125	0.1	1.15	50.3	21.274	1305	1293

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	35.500	0.0	4.9	142.3	44.150	14728	14700
1	3.425	0.1	0.6	12.4	5.993	1305	1301

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.7	0	1.0	1	0.483	14728	14718
1	0.5	0	0.5	1	0.707	1305	1303

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	14728	14724
1	1	1	1	1	NA	1305	1304

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	14728	14727
1	NaN	NA	NA	NA	NA	1305	1305

Table 32: Número de Mudanças do tipo de DCEI

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.074	0	0	3	0.273	14728	10223
1	0.237	0	0	3	0.474	1305	933

Table 33: Número de atendimentos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.162	1	2	39	1.928	14728	0
1	4.802	2	4	51	3.522	1305	0

Table 34: Número da Admissão T0 (admissão índice)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.392	1	1	32	1.041	14728	0
1	2.026	1	1	17	1.794	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.694	0	0	25	1.438	14728	0
1	2.657	0	2	50	2.836	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.495	-1	0	38	1.162	14728	0
1	1.146	0	0	16	1.885	1305	0

Table 37: Ano da admissão T0

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.801	1999	2010	2021	5.826	14728	19
1	2008.184	1999	2007	2021	4.577	1305	1

Table 38: Readmissão em até 30 dias

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.029	0	0	1	0.167	14728	0
1	0.143	0	0	1	0.350	1305	0

Table 39: Readmissão entre 31 a 60 dias

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.044	0	0	1	0.205	14728	0
1	0.201	0	0	1	0.401	1305	0

Table 40: Readmissão entre 61 a 180 dias

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.072	0	0	1	0.259	14728	0
1	0.332	0	0	1	0.471	1305	0

Table 41: Readmissão em até 1 ano

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.098	0	0	1	0.297	14728	0
1	0.446	0	0	1	0.497	1305	0

Table 42: Tempo de seguimento total (anos)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.938	0	4.5	22.6	5.332	14728	0
1	4.066	0	2.9	20.1	3.783	1305	0

Table 43: Óbito hospitalar (intraoperatório ou admissao T0)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.018	0	0	1	0.131	14728	0
1	0.003	0	0	1	0.055	1305	0

Table 44: Óbito durante algum episódio de readmissão hospitalar

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	14728	0
1	1	1	1	1	0	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.046	14728	258
1	0.031	0	0	1	0.173	1305	4

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	1	0.083	14728	289
1	0.126	0	0	1	0.332	1305	44

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	1	0.069	14728	389
1	0.108	0	0	1	0.311	1305	203

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.044	14728	457
1	0.213	0	0	1	0.409	1305	322

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	1	0.032	14728	485
1	0.185	0	0	1	0.388	1305	531

Table 50: Óbito (status final)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.084	0	0	1	0.278	14728	0
1	1.000	1	1	1	0.000	1305	0

Table 51: Tempo de sobrevida (anos)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.675	0	0.3	19.7	4.383	14728	14010
1	4.066	0	2.9	20.1	3.783	1305	0

Table 52: Diárias no serviço de Emergência na admissão T0

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.197	0	0	28	1.063	14728	0
1	0.257	0	0	27	1.393	1305	0

Table 53: Anticoagulantes orais

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.220	0	0	98.0	2.081	14728	0
1	0.446	0	0	80.5	3.001	1305	0

Table 54: Antiarritmicos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.022	0	0	575	17.190	14728	0
1	7.162	0	0	844	32.711	1305	0

Table 55: Antihipertensivo

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.411	0	0	349	5.104	14728	0
1	0.244	0	0	45	2.618	1305	0

Table 56: Betabloqueador

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.891	0	0	388	7.433	14728	0
1	0.756	0	0	68	4.559	1305	0

Table 57: IECA/BRA

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.794	0	0	773	19.254	14728	0
1	11.237	0	0	393	29.925	1305	0

Table 58: DVA

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.967	0	0	1917	43.098	14728	0
1	7.668	0	0	606	35.569	1305	0

Table 59: Digoxina

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.158	0	0	50	1.352	14728	0
1	0.567	0	0	65	3.140	1305	0

Table 60: Estatinas

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.000	0	0	421	14.991	14728	0
1	6.037	0	0	288	19.315	1305	0

Table 61: Diuretico

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	9.011	0	0	2966.0	62.695	14728	0
1	13.551	0	0	1010.5	60.459	1305	0

Table 62: Vasodilator

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.496	0	0	3820.5	57.018	14728	0
1	16.026	0	0	754.5	62.396	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.305	0	0	453.0	14.612	14728	0
1	8.096	0	0	354.5	23.765	1305	0

Table 64: Antagonista da Aldosterona (espironolactona)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.568	0	0	255	7.226	14728	0
1	3.362	0	0	141	10.489	1305	0

Table 65: Bloqueador do canal de calcio

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.531	0	0	509	9.195	14728	0
1	1.076	0	0	370	13.757	1305	0

Table 66: Trombolitico

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.044	14728	0
1	0.000	0	0	0	0.000	1305	0

Table 67: Antiplaquetario VO

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.249	0	0	111	2.921	14728	0
1	0.425	0	0	141	5.106	1305	0

Table 68: Antiplaquetario EV

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	8	0.158	14728	0
1	0.015	0	0	3	0.163	1305	0

Table 69: Insulina

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.080	0	0	16	0.443	14728	0
1	0.094	0	0	7	0.481	1305	0

Table 70: Hipoglicemiante

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.282	0	0	90	2.575	14728	0
1	0.278	0	0	39	2.252	1305	0

Table 71: Hormonio tireoidiano

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.175	0	0	281.5	3.314	14728	0
1	0.339	0	0	78.0	4.123	1305	0

Table 72: Broncodiltador

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.105	0	0	80	1.568	14728	0
1	0.120	0	0	43	1.558	1305	0

Table 73: Anticonvulsivante

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.81	0	0	482	10.54	14728	0
1	1.32	0	0	390	15.18	1305	0

Table 74: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.086	0	0	573	13.075	14728	0
1	4.655	0	0	206	15.373	1305	0

Table 75: Antibióticos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	11.731	0	4	1812	56.633	14728	0
1	14.082	0	2	1137	59.198	1305	0

Table 76: Antifúngicos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.352	0	0	122.0	3.905	14728	0
1	0.426	0	0	69.5	3.901	1305	0

Table 77: Antiviral

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.117	0	0	131	2.769	14728	0
1	0.033	0	0	14	0.583	1305	0

Table 78: Antiretroviral

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	32	0.409	14728	0
1	0.000	0	0	0	0.000	1305	0

Table 79: Quantidade de classes medicamentosas utilizadas

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.346	0	3	17	3.093	14728	0
1	3.790	0	4	15	3.845	1305	0

Table 80: Ventilação não invasiva

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.043	0	0	114	1.470	14728	0
1	0.002	0	0	2	0.055	1305	0

Table 81: Instalação de CEC

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	2	0.108	14728	0
1	0.009	0	0	1	0.095	1305	0

Table 82: Cirurgia Cardiovascular

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.050	0	0	9	0.355	14728	0
1	0.035	0	0	6	0.330	1305	0

Table 83: Transplante cardíaco

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.044	14728	0
1	0.002	0	0	1	0.039	1305	0

Table 84: Cirurgia Toracica

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	9	0.099	14728	0
1	0.002	0	0	2	0.062	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.097	0	0	22	0.536	14728	0
1	0.111	0	0	6	0.550	1305	0

Table 86: Traqueostomia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	8	0.075	14728	0
1	0.004	0	0	5	0.138	1305	0

Table 87: Intervenção coronária percutânea

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	4	0.120	14728	0
1	0.017	0	0	3	0.179	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	3	0.107	14728	0
1	0.006	0	0	2	0.087	1305	0

Table 89: Stent

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	1	0.008	14728	0
1	0	0	0	0	0.000	1305	0

Table 90: Angioplastia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.033	14728	0
1	0.005	0	0	2	0.078	1305	0

Table 91: Cateterismo

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.103	0	0	7	0.373	14728	0
1	0.128	0	0	5	0.420	1305	0

Table 92: Eletrofisiologia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.066	0	0	11	0.426	14728	0
1	0.103	0	0	7	0.552	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.092	0	0	535	4.859	14728	0
1	0.365	0	0	177	7.299	1305	0

Table 94: Cateter venoso central

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.033	0	0	13	0.238	14728	0
1	0.061	0	0	13	0.468	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	5	0.096	14728	0
1	0.015	0	0	5	0.209	1305	0

Table 96: Quantidade de procedimentos invasivos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.480	0	0	554	5.230	14728	0
1	0.862	0	0	197	7.928	1305	0

Table 97: Cardioversão/ Desfibrilação (sessão)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	5	0.100	14728	0
1	0.015	0	0	4	0.209	1305	0

Table 98: Transfusão de hemoderivados

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.045	0	0	61	0.927	14728	0
1	0.036	0	0	9	0.437	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.358	0	0	199	3.269	14728	0
1	0.304	0	0	63	2.535	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.833	0	0	420	13.929	14728	0
1	4.107	0	0	318	16.622	1305	0

Table 101: ECG

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.380	0	2	141	6.035	14728	0
1	4.286	0	2	140	7.614	1305	0

Table 102: Holter

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.085	0	0	5	0.324	14728	0
1	0.132	0	0	3	0.377	1305	0

Table 103: Teste de esforço

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	3	0.099	14728	0
1	0.005	0	0	1	0.073	1305	0

Table 104: Espirometria / Ergoespirometria

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	2	0.061	14728	0
1	0.006	0	0	1	0.078	1305	0

Table 105: Tilt Test

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.043	14728	0
1	0.005	0	0	1	0.073	1305	0

Table 106: Polissonografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.040	14728	0
1	0.002	0	0	1	0.048	1305	0

Table 107: Quantidade de exames por métodos gráficos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.480	0	2	143	6.161	14728	0
1	4.437	0	2	140	7.724	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	56.060	0	7	3608	187.667	14728	0
1	78.474	0	5	2342	201.332	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.306	0	0	48	1.467	14728	0
1	0.367	0	0	16	1.275	1305	0

Table 110: Quantidade de exames de análises clínicas

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	56.366	0	7	3645	188.832	14728	0
1	78.841	0	5	2354	202.359	1305	0

Table 111: Citologias

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	8	0.134	14728	0
1	0.016	0	0	4	0.177	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.015	0	0	10	0.250	14728	0
1	0.014	0	0	6	0.247	1305	0

Table 113: Quantidade de exames histopatológicos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.022	0	0	10	0.290	14728	0
1	0.030	0	0	7	0.323	1305	0

Table 114: Angio RM

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	4	0.079	14728	0
1	0.002	0	0	2	0.062	1305	0

Table 115: Angio TC

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.029	0	0	9	0.227	14728	0
1	0.041	0	0	3	0.271	1305	0

Table 116: Angiografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.046	14728	0
1	0.002	0	0	1	0.048	1305	0

Table 117: Aortografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.048	14728	0
1	0.002	0	0	1	0.039	1305	0

Table 118: Arteriografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.026	14728	0
1	0.001	0	0	1	0.028	1305	0

Table 119: Cavografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	1	0.081	14728	0
1	0.002	0	0	1	0.039	1305	0

Table 120: Cintilografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.051	0	0	5	0.313	14728	0
1	0.104	0	0	4	0.448	1305	0

Table 121: Ecocardiograma

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.472	0	0	24	1.221	14728	0
1	0.611	0	0	18	1.389	1305	0

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

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.016	0	0	6	0.169	14728	0
1	0.023	0	0	4	0.213	1305	0

Table 123: Flebografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.029	0	0	5	0.262	14728	0
1	0.036	0	0	5	0.295	1305	0

Table 124: PET-CT

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	3	0.071	14728	0
1	0.007	0	0	2	0.092	1305	0

Table 125: Ultrassom

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.159	0	0	28	0.837	14728	0
1	0.266	0	0	9	0.910	1305	0

Table 126: Tomografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.146	0	0	15	0.669	14728	0
1	0.169	0	0	9	0.632	1305	0

Table 127: Radiografias

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.765	0	1	261	8.192	14728	0
1	3.467	0	1	184	8.776	1305	0

Table 128: Ressonancia magnetica

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.057	0	0	6	0.275	14728	0
1	0.097	0	0	3	0.347	1305	0

Table 129: Quantidade de exames diagnóstico por imagem

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.743	0	1	281	10.10	14728	0
1	4.831	0	1	200	10.72	1305	0

Table 130: Dieta enteral (frasco)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.040	0	0	195	2.106	14728	0
1	0.199	0	0	115	4.463	1305	0

Table 131: Dieta parenteral (frasco)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	14	0.125	14728	0
1	0.005	0	0	5	0.144	1305	0

Table 132: Bomba de infusão contínua (horas)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.642	0	0	1527	17.181	14728	0
1	3.854	0	0	1269	49.041	1305	0

Table 133: Marca-passo temporário (por hora)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.117	0	0	126	2.509	14728	0
1	0.359	0	0	180	5.714	1305	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(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 134: Contingency table between death readmission and Sexo

	Sexo		
death_readmission	0	1	Total
0	7035 (93%)	7693 (91%)	14728
1	531 (7%)	774 (9%)	1305
Total	7566 (100%)	8467 (100%)	16033

Table 135: Contingency table between death readmission and Doença cardíaca

	Doença cardíaca				
death_readmission	0	1	2	NA	Total
0	8605 (93%)	1058 (90%)	3204 (91%)	1861 (91%)	14728
1	681 (7%)	115 (10%)	331 (9%)	178 (9%)	1305
Total	9286 (100%)	1173 (100%)	3535 (100%)	2039 (100%)	16033

Table 136: Contingency table between death readmission and Hipertensão arterial

	Hipertensão arterial		
death_readmission	0	1	Total
0	11046 (91%)	3682 (95%)	14728
1	1098 (9%)	207 (5%)	1305
Total	12144 (100%)	3889 (100%)	16033

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

	Infarto do miocárdio prévio / Doença arterial coronariana		
death_readmission	0	1	Total
0	13388 (92%)	1340 (90%)	14728
1	1164 (8%)	141 (10%)	1305
Total	14552 (100%)	1481 (100%)	16033

Table 138: Contingency table between death readmission and Insuficiência cardíaca

	Insuficiência cardíaca		
death_readmission	0	1	Total
0	9532 (93%)	5196 (89%)	14728
1	675 (7%)	630 (11%)	1305
Total	10207 (100%)	5826 (100%)	16033

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

	Fibrilação / flutter atrial		
death_readmission	0	1	Total
0	12541 (92%)	2187 (90%)	14728
1	1074 (8%)	231 (10%)	1305
Total	13615 (100%)	2418 (100%)	16033

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

	Parada cardíaca prévia/ Taquicardia ventricular instável		
death_readmission	0	1	Total
0	12995 (92%)	1733 (90%)	14728
1	1115 (8%)	190 (10%)	1305
Total	14110 (100%)	1923 (100%)	16033

Table 141: Contingency table between death readmission and Transplante cardíaco prévio

	Transplante cardíaco prévio		
death_readmission	0	1	Total
0	14693 (92%)	35 (81%)	14728
1	1297 (8%)	8 (19%)	1305
Total	15990 (100%)	43 (100%)	16033

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

	Valvopatias/ Prótese valvares		
death_readmission	0	1	Total
0	13762 (92%)	966 (90%)	14728
1	1194 (8%)	111 (10%)	1305
Total	14956 (100%)	1077 (100%)	16033

Table 143: Contingency table between death readmission and Endocardite prévia

	Endocardite prévia		
death_readmission	0	1	Total
0	14610 (92%)	118 (86%)	14728
1	1285 (8%)	20 (14%)	1305
Total	15895 (100%)	138 (100%)	16033

Table 144: Contingency table between death readmission and Diabetes melittus

	Diabetes melittus		
death_readmission	0	1	Total
0	12925 (92%)	1803 (93%)	14728
1	1161 (8%)	144 (7%)	1305
Total	14086 (100%)	1947 (100%)	16033

Table 145: Contingency table between death readmission and Insuficiência renal crônica

	Insuficiência renal crônica		
death_readmission	0	1	Total
0	14151 (92%)	577 (88%)	14728
1	1228 (8%)	77 (12%)	1305
Total	15379 (100%)	654 (100%)	16033

Table 146: Contingency table between death readmission and Hemodiálise

	Hemodiálise		
death_readmission	0	1	Total
0	14709 (92%)	19 (86%)	14728
1	1302 (8%)	3 (14%)	1305
Total	16011 (100%)	22 (100%)	16033

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

	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios		
death_readmission	0	1	Total
0	14254 (92%)	474 (93%)	14728
1	1271 (8%)	34 (7%)	1305
Total	15525 (100%)	508 (100%)	16033

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

	Doença pulmonar obstrutiva crônica		
death_readmission	0	1	Total
0	14521 (92%)	207 (95%)	14728
1	1293 (8%)	12 (5%)	1305
Total	15814 (100%)	219 (100%)	16033

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

	Neoplasia em tratamento ou tratada recentemente (12 meses)		
death_readmission	0	1	Total
0	14622 (92%)	106 (91%)	14728
1	1295 (8%)	10 (9%)	1305
Total	15917 (100%)	116 (100%)	16033

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

	Tipo de Procedimento 1		
death_readmission	1	2	Total
0	10156 (91%)	4572 (93%)	14728
1	973 (9%)	332 (7%)	1305
Total	11129 (100%)	4904 (100%)	16033

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

	Tipo de Reoperação 1				
death_readmission	1	2	3	NA	Total
0	3676 (94%)	864 (92%)	32 (94%)	10156 (91%)	14728
1	253 (6%)	77 (8%)	2 (6%)	973 (9%)	1305
Total	3929 (100%)	941 (100%)	34 (100%)	11129 (100%)	16033

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

	Tipo de Dispositivo ao final do procedimento 1				
death_readmission	1	2	3	4	Total
0	11692 (94%)	1552 (86%)	1105 (85%)	379 (82%)	14728
1	788 (6%)	243 (14%)	193 (15%)	81 (18%)	1305
Total	12480 (100%)	1795 (100%)	1298 (100%)	460 (100%)	16033

Table 153: Contingency table between death readmission and Óbito intraoperatório 1

	Óbito intraoperatório 1		
death_readmission	0	1	Total
0	14721 (92%)	7 (100%)	14728
1	1305 (8%)	0 (0%)	1305
Total	16026 (100%)	7 (100%)	16033

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

	Tipo de Reoperação 2				
death_readmission	1	2	3	NA	Total
0	3083 (95%)	1311 (88%)	106 (88%)	10228 (92%)	14728
1	179 (5%)	179 (12%)	15 (12%)	932 (8%)	1305
Total	3262 (100%)	1490 (100%)	121 (100%)	11160 (100%)	16033

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

	Tipo de Dispositivo ao final do procedimento 2					
death_readmission	1	2	3	4	NA	Total
0	3449 (95%)	567 (88%)	337 (87%)	148 (73%)	10227 (92%)	14728
1	189 (5%)	77 (12%)	51 (13%)	55 (27%)	933 (8%)	1305
Total	3638 (100%)	644 (100%)	388 (100%)	203 (100%)	11160 (100%)	16033

Table 156: Contingency table between death readmission and Óbito intraoperatório 2

	Óbito intraoperatório 2		
death_readmission	0	NA	Total
0	4507 (92%)	10221 (92%)	14728
1	373 (8%)	932 (8%)	1305
Total	4880 (100%)	11153 (100%)	16033

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

	Tipo de Reoperação 3				
death_readmission	1	2	3	NA	Total
0	684 (95%)	504 (87%)	47 (76%)	13493 (92%)	14728
1	39 (5%)	74 (13%)	15 (24%)	1177 (8%)	1305
Total	723 (100%)	578 (100%)	62 (100%)	14670 (100%)	16033

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

	Tipo de Dispositivo ao final do procedimento 3					
death_readmission	1	2	3	4	NA	Total
0	908 (94%)	224 (89%)	131 (82%)	75 (76%)	13390 (92%)	14728
1	60 (6%)	28 (11%)	29 (18%)	24 (24%)	1164 (8%)	1305
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14554 (100%)	16033

Table 159: Contingency table between death readmission and Óbito intraoperatório 3

	Óbito intraoperatório 3			
death_readmission	0	1	NA	Total
0	1339 (91%)	0 (0%)	13389 (92%)	14728
1	137 (9%)	4 (100%)	1164 (8%)	1305
Total	1476 (100%)	4 (100%)	14553 (100%)	16033

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

	Tipo de Reoperação 4				
death_readmission	1	2	3	NA	Total
0	176 (92%)	215 (85%)	32 (97%)	14305 (92%)	14728
1	15 (8%)	37 (15%)	1 (3%)	1252 (8%)	1305
Total	191 (100%)	252 (100%)	33 (100%)	15557 (100%)	16033

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

	Tipo de Dispositivo ao final do procedimento 4					
death_readmission	1	2	3	4	NA	Total
0	265 (92%)	97 (88%)	35 (78%)	35 (83%)	14296 (92%)	14728
1	23 (8%)	13 (12%)	10 (22%)	7 (17%)	1252 (8%)	1305
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15548 (100%)	16033

Table 162: Contingency table between death readmission and Óbito intraoperatório 4

	Óbito intraoperatório 4		
death_readmission	0	NA	Total
0	432 (89%)	14296 (92%)	14728
1	53 (11%)	1252 (8%)	1305
Total	485 (100%)	15548 (100%)	16033

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

	Tipo de Reoperação 5				
death_readmission	1	2	3	NA	Total
0	64 (90%)	94 (89%)	13 (93%)	14557 (92%)	14728
1	7 (10%)	12 (11%)	1 (7%)	1285 (8%)	1305
Total	71 (100%)	106 (100%)	14 (100%)	15842 (100%)	16033

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

	Tipo de Dispositivo ao final do procedimento 5					
death_readmission	1	2	3	4	NA	Total
0	93 (93%)	49 (88%)	18 (82%)	11 (85%)	14557 (92%)	14728
1	7 (7%)	7 (12%)	4 (18%)	2 (15%)	1285 (8%)	1305
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15842 (100%)	16033

Table 165: Contingency table between death readmission and Óbito intraoperatório 5

	Óbito intraoperatório 5		
death_readmission	0	NA	Total
0	172 (90%)	14556 (92%)	14728
1	20 (10%)	1285 (8%)	1305
Total	192 (100%)	15841 (100%)	16033

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

	Tipo de Reoperação 6				
death_readmission	1	2	3	NA	Total
0	24 (92%)	38 (81%)	5 (83%)	14661 (92%)	14728
1	2 (8%)	9 (19%)	1 (17%)	1293 (8%)	1305
Total	26 (100%)	47 (100%)	6 (100%)	15954 (100%)	16033

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

	Tipo de Dispositivo ao final do procedimento 6					
death_readmission	1	2	3	4	NA	Total
0	37 (92%)	22 (88%)	5 (62%)	6 (67%)	14658 (92%)	14728
1	3 (7%)	3 (12%)	3 (38%)	3 (33%)	1293 (8%)	1305
Total	40 (100%)	25 (100%)	8 (100%)	9 (100%)	15951 (100%)	16033

Table 168: Contingency table between death readmission and Óbito intraoperatório 6

	Óbito intraoperatório 6		
death_readmission	0	NA	Total
0	70 (85%)	14658 (92%)	14728
1	12 (15%)	1293 (8%)	1305
Total	82 (100%)	15951 (100%)	16033

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

	Tipo de Reoperação 7				
death_readmission	1	2	3	NA	Total
0	9 (90%)	16 (89%)	3 (75%)	14700 (92%)	14728
1	1 (10%)	2 (11%)	1 (25%)	1301 (8%)	1305
Total	10 (100%)	18 (100%)	4 (100%)	16001 (100%)	16033

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

	Tipo de Dispositivo ao final do procedimento 7					
death_readmission	1	2	3	4	NA	Total
0	12 (92%)	12 (92%)	0 (0%)	4 (100%)	14700 (92%)	14728
1	1 (8%)	1 (8%)	1 (100%)	0 (0%)	1302 (8%)	1305
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	16002 (100%)	16033

Table 171: Contingency table between death readmission and Óbito intraoperatório 7

	Óbito intraoperatório 7		
death_readmission	0	NA	Total
0	28 (88%)	14700 (92%)	14728
1	4 (12%)	1301 (8%)	1305
Total	32 (100%)	16001 (100%)	16033

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

	Tipo de Reoperação 8		
death_readmission	TRUE	NA	Total
0	10 (83%)	14718 (92%)	14728
1	2 (17%)	1303 (8%)	1305
Total	12 (100%)	16021 (100%)	16033

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

	Tipo de Dispositivo ao final do procedimento 8		
death_readmission	TRUE	NA	Total
0	10 (83%)	14718 (92%)	14728
1	2 (17%)	1303 (8%)	1305
Total	12 (100%)	16021 (100%)	16033

Table 174: Contingency table between death readmission and Óbito intraoperatório 8

	Óbito intraoperatório 8		
death_readmission	FALSE	NA	Total
0	10 (83%)	14718 (92%)	14728
1	2 (17%)	1303 (8%)	1305
Total	12 (100%)	16021 (100%)	16033

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

	Tipo de Reoperação 9		
death_readmission	TRUE	NA	Total
0	4 (80%)	14724 (92%)	14728
1	1 (20%)	1304 (8%)	1305
Total	5 (100%)	16028 (100%)	16033

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

	Tipo de Dispositivo ao final do procedimento 9		
death_readmission	TRUE	NA	Total
0	4 (80%)	14724 (92%)	14728
1	1 (20%)	1304 (8%)	1305
Total	5 (100%)	16028 (100%)	16033

Table 177: Contingency table between death readmission and Óbito intraoperatório 9

	Óbito intraoperatório 9		
death_readmission	FALSE	NA	Total
0	4 (80%)	14724 (92%)	14728
1	1 (20%)	1304 (8%)	1305
Total	5 (100%)	16028 (100%)	16033

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

	Tipo de Reoperação 10		
death_readmission	TRUE	NA	Total
0	1 (100%)	14727 (92%)	14728
1	0 (0%)	1305 (8%)	1305
Total	1 (100%)	16032 (100%)	16033

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

	Tipo de Dispositivo ao final do procedimento 10		
death_readmission	TRUE	NA	Total
0	1 (100%)	14727 (92%)	14728
1	0 (0%)	1305 (8%)	1305
Total	1 (100%)	16032 (100%)	16033

Table 180: Contingency table between death readmission and Óbito intraoperatório 10

	Óbito intraoperatório 10		
death_readmission	FALSE	NA	Total
0	1 (100%)	14727 (92%)	14728
1	0 (0%)	1305 (8%)	1305
Total	1 (100%)	16032 (100%)	16033

Table 181: Contingency table between death readmission 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_readmission	0	1	NA	Total
0	4278 (93%)	223 (80%)	10227 (92%)	14728
1	315 (7%)	57 (20%)	933 (8%)	1305
Total	4593 (100%)	280 (100%)	11160 (100%)	16033

Table 182: Contingency table between death readmission 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_readmission	0	1	NA	Total
0	1262 (91%)	76 (81%)	13390 (92%)	14728
1	123 (9%)	18 (19%)	1164 (8%)	1305
Total	1385 (100%)	94 (100%)	14554 (100%)	16033

Table 183: Contingency table between death readmission 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_readmission	0	1	NA	Total
0	409 (89%)	23 (82%)	14296 (92%)	14728
1	48 (11%)	5 (18%)	1252 (8%)	1305
Total	457 (100%)	28 (100%)	15548 (100%)	16033

Table 184: Contingency table between death readmission 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_readmission	0	1	NA	Total
0	165 (91%)	6 (67%)	14557 (92%)	14728
1	17 (9%)	3 (33%)	1285 (8%)	1305
Total	182 (100%)	9 (100%)	15842 (100%)	16033

Table 185: Contingency table between death readmission 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_readmission	0	1	NA	Total
0	66 (88%)	4 (57%)	14658 (92%)	14728
1	9 (12%)	3 (43%)	1293 (8%)	1305
Total	75 (100%)	7 (100%)	15951 (100%)	16033

Table 186: Contingency table between death readmission 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_readmission	0	1	NA	Total
0	26 (93%)	2 (67%)	14700 (92%)	14728
1	2 (7%)	1 (33%)	1302 (8%)	1305
Total	28 (100%)	3 (100%)	16002 (100%)	16033

Table 187: Contingency table between death readmission 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_readmission	FALSE	TRUE	NA	Total
0	10 (91%)	0 (0%)	14718 (92%)	14728
1	1 (9%)	1 (100%)	1303 (8%)	1305
Total	11 (100%)	1 (100%)	16021 (100%)	16033

Table 188: Contingency table between death readmission 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_readmission	FALSE	NA	Total
0	4 (80%)	14724 (92%)	14728
1	1 (20%)	1304 (8%)	1305
Total	5 (100%)	16028 (100%)	16033

Table 189: Contingency table between death readmission 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_readmission	FALSE	NA	Total
0	1 (100%)	14727 (92%)	14728
1	0 (0%)	1305 (8%)	1305
Total	1 (100%)	16032 (100%)	16033

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

	Diálise durante os episódios de hospitalização		
death_readmission	0	1	Total
0	14688 (92%)	40 (63%)	14728
1	1282 (8%)	23 (37%)	1305
Total	15970 (100%)	63 (100%)	16033

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

	UTI durante os episódios de hospitalização		
death_readmission	0	1	Total
0	11801 (94%)	2927 (86%)	14728
1	820 (6%)	485 (14%)	1305
Total	12621 (100%)	3412 (100%)	16033

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

	Admissão em até 180 dias antes da T0		
death_readmission	0	1	Total
0	13817 (93%)	911 (82%)	14728
1	1099 (7%)	206 (18%)	1305
Total	14916 (100%)	1117 (100%)	16033

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

	Readmissões pós-T0 com diálise				
death_readmission	0	1	2	3	Total
0	14722 (92%)	5 (26%)	1 (50%)	0 (0%)	14728
1	1289 (8%)	14 (74%)	1 (50%)	1 (100%)	1305
Total	16011 (100%)	19 (100%)	2 (100%)	1 (100%)	16033

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

	Desfecho principal da admissão T0		
death_readmission	0	1	Total
0	14470 (92%)	258 (100%)	14728
1	1305 (8%)	0 (0%)	1305
Total	15775 (100%)	258 (100%)	16033

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

	Desfecho final do estudo			
death_readmission	1	2	3	Total
0	1494 (53%)	7737 (100%)	5497 (100%)	14728
1	1305 (47%)	0 (0%)	0 (0%)	1305
Total	2799 (100%)	7737 (100%)	5497 (100%)	16033

Table 196: Contingency table between death readmission and Óbito intraoperatório

	Óbito intraoperatório		
death_readmission	0	1	Total
0	14721 (92%)	7 (64%)	14728
1	1301 (8%)	4 (36%)	1305
Total	16022 (100%)	11 (100%)	16033

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

	Ventilação mecânica / IOT		
death_readmission	0	1	Total
0	12025 (92%)	2703 (90%)	14728
1	1003 (8%)	302 (10%)	1305
Total	13028 (100%)	3005 (100%)	16033