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</pre>
```

Numerical variables

```
medianWithoutNA <- function(x) {</pre>
   median(x[which(!is.na(x))])
}
i = 0
for (column in columns_list$numerical_columns[60:140]){
  print(column)
  df %>%
    group_by_at(vars(one_of(outcome_column))) %>%
    summarise('Mean' = mean(!!sym(column), na.rm = T),
              'Min' = min(!!sym(column), na.rm = T),
              'Median' = medianWithoutNA(!!sym(column)),
              'Max' = max(!!sym(column), na.rm = T),
              'Standard Deviation' = sd(!!sym(column), na.rm = T),
              'N' = n(),
              'Missing' = sum(is.na(!!sym(column)))) %>%
    ungroup %>%
    mutate(Min = ifelse(is.infinite(Min), NA, Min),
           Max = ifelse(is.infinite(Max), NA, Max)) %>%
    kbl(align = "l", booktabs = T, digits = 3, format = 'latex', label = i,
        caption = df_names %% filter(variable.name == column) %>% .$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
}
```

[1] "admission_t0_emergency"

Table 1: Diárias no serviço de Emergência na admissão ${\rm T0}$

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.309	0	0	28	1.318	14720	5322
1	0.518	0	0	27	1.960	1304	686

[1] "aco"

Table 2: Anticoagulantes orais

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.278	0	0	98.0	2.339	14720	3121
1	0.631	0	0	80.5	3.578	1304	398

[1] "antiarritmico"

Table 3: Antiarritmicos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.791	0	0	575	19.188	14720	3121
1	10.237	0	0	844	38.836	1304	398

[1] "antihipertensivo"

Table 4: Antihipertensivo

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.515	0	0	349	5.722	14720	3121
1	0.350	0	0	45	3.136	1304	398

[1] "betabloqueador"

Table 5: Betabloqueador

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.115	0	0	388	8.272	14720	3121
1	1.057	0	0	68	5.373	1304	398

[1] "ieca_bra"

Table 6: IECA/BRA

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	8.535	0	2	773	21.162	14720	3121
1	15.772	0	4	393	33.976	1304	398

Table 7: DVA

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.371	0	0	1917	47.583	14720	3121
1	10.662	0	0	606	40.891	1304	398

[1] "digoxina"

Table 8: Digoxina

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.198	0	0	50	1.518	14720	3121
1	0.736	0	0	39	3.065	1304	398

[1] "estatina"

Table 9: Estatinas

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.036	0	0	421	16.652	14720	3121
1	8.551	0	0	288	22.512	1304	398

[1] "diuretico"

Table 10: Diuretico

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	11.245	0	0	2966.0	70.007	14720	3121
1	19.326	0	2	1010.5	71.718	1304	398

[1] "vasodilatador"

Table 11: Vasodilator

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	9.378	0	0	3820.5	63.680	14720	3121
1	22.821	0	0	754.5	73.774	1304	398

[1] "insuf_cardiaca"

Table 12: Insuficiência cardíaca (ivabradina, levosimedan, milrinona, nesiritida, carvedilol)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.138	0	0	453.0	16.016	14720	3121
1	11.268	0	0	354.5	27.023	1304	398

[1] "espironolactona"

Table 13: Antagonista da Aldosterona (espironolactona)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.955	0	0	255	7.968	14720	3121
1	4.726	0	0	141	12.075	1304	398

[1] "bloq_calcio"

Table 14: Bloqueador do canal de calcio

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.562	0	0	509	8.873	14720	3121
1	1.510	0	0	370	16.452	1304	398

[1] "trombolitico"

Table 15: Trombolitico

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.049	14720	3121
1	0.000	0	0	0	0.000	1304	398

[1] "antiplaquetario_vo"

Table 16: Antiplaquetario VO

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	14720	3121
1	0	0	0	0	0	1304	398

[1] "antiplaquetario_ev"

Table 17: Antiplaquetario EV

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.010	0	0	8	0.178	14720	3121
1	0.021	0	0	3	0.196	1304	398

[1] "insulina"

Table 18: Insulina

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.100	0	0	16	0.496	14720	3121
1	0.136	0	0	7	0.572	1304	398

[1] "hipoglicemiante"

Table 19: Hipoglicemiante

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.35	0	0	90	2.827	14720	3121
1	0.40	0	0	39	2.694	1304	398

[1] "hormonio_tireoidiano"

Table 20: Hormonio tireoidiano

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	14720	3121
1	0	0	0	0	0	1304	398

[1] "broncodilatador"

Table 21: Broncodiltador

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	14720	3121
1	0	0	0	0	0	1304	398

[1] "anticonvulsivante"

Table 22: Anticonvulsivante

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.976	0	0	334	10.939	14720	3121
1	1.901	0	0	390	18.192	1304	398

[1] "psicofarmacos"

Table 23: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.865	0	0	573	14.492	14720	3121
1	6.451	0	0	206	17.199	1304	398

[1] "atb"

Table 24: Antibióticos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	14.739	0	4	1812	63.254	14720	3121
1	20.100	0	4	1137	70.106	1304	398

[1] "antifungico"

Table 25: Antifúngicos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.440	0	0	122.0	4.377	14720	3121
1	0.614	0	0	69.5	4.670	1304	398

[1] "antiviral"

Table 26: Antiviral

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.128	0	0	131	2.834	14720	3121
1	0.047	0	0	14	0.700	1304	398

[1] "antiretroviral"

Table 27: Antiretroviral

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	32	0.461	14720	3121
1	0.000	0	0	0	0.000	1304	398

[1] "classe_meds_qtde"

Table 28: Quantidade de classes medicamentosas utilizadas

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.684	1	4	17	2.542	14720	4444
1	6.538	1	6	15	2.569	1304	570

[1] "classe_meds_cardio_qtde"

Table 29: Quantidade de classes medicamentosas de ação cardiovascular

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.058	1	3	10	1.750	14720	5999
1	4.261	1	4	9	1.856	1304	596

[1] "meds_cardiovasc_qtde"

Table 30: Quantidade de medicamentos de ação cardiovascular

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	48.804	0	9	8738.00	178.747	14720	3121
1	98.466	0	25	2089.25	203.581	1304	398

[1] "meds_antimicrobianos"

Table 31: Quantidade de antimicrobianos (antibióticos e antifúngicos)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	15.179	0	4	1812	64.959	14720	3121
1	20.714	0	4	1137	72.407	1304	398

[1] "vni"

Table 32: Ventilação não invasiva

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.051	0	0	114	1.612	14720	2469
1	0.002	0	0	2	0.063	1304	297

[1] "cec"

Table 33: Instalação de CEC

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.013	0	0	2	0.115	14720	2469
1	0.011	0	0	1	0.104	1304	297

[1] "cir_cardiovascular"

Table 34: Cirurgia Cardiovascular

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.060	0	0	9	0.389	14720	2469
1	0.046	0	0	6	0.376	1304	297

[1] "transplante_cardiaco"

Table 35: Transplante cardíaco

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.041	14720	2469
1	0.001	0	0	1	0.032	1304	297

[1] "cir_toracica"

Table 36: Cirurgia Toracica

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	9	0.108	14720	2469
1	0.003	0	0	2	0.070	1304	297

[1] "outros_proced_cirurgicos"

Table 37: Outros procedimentos cirúrgicos (cir geral, gastrocir, plástica, uro, vascular)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.115	0	0	22	0.580	14720	2469
1	0.143	0	0	6	0.622	1304	297

[1] "traqueostomia"

Table 38: Traqueostomia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	8	0.082	14720	2469
1	0.005	0	0	5	0.158	1304	297

[1] "icp"

Table 39: Intervenção coronária percutânea

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	4	0.132	14720	2469
1	0.022	0	0	3	0.203	1304	297

[1] "intervencao_cv"

Table 40: 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	0.007	0	0	3	0.117	14720	2469
1	0.008	0	0	2	0.099	1304	297

[1] "stent"

Table 41: Stent

$death_readmission$	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	1	0.009	14720	2469
1	0	0	0	0	0.000	1304	297

[1] "angioplastia"

Table 42: Angioplastia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.036	14720	2469
1	0.006	0	0	2	0.089	1304	297

Table 43: Cateterismo

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.123	0	0	7	0.404	14720	2469
1	0.164	0	0	5	0.470	1304	297

[1] "eletrofisiologia"

Table 44: Eletrofisiologia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.078	0	0	11	0.464	14720	2469
1	0.134	0	0	7	0.625	1304	297

[1] "suporte_hemod"

Table 45: Suporte cardiocirculatório (ECMO, BIA, Bio-PUMP)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.099	0	0	535	5.286	14720	2469
1	0.473	0	0	177	8.307	1304	297

$[1] \ "cateter_venoso_central"$

Table 46: Cateter venoso central

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.029	0	0	5	0.206	14720	2469
1	0.050	0	0	4	0.302	1304	297

[1] "drenagem_torax"

Table 47: 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	0.104	14720	2469
1	0.020	0	0	6	0.259	1304	297

[1] "proced_invasivos_qtde"

Table 48: Quantidade de procedimentos invasivos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.549	0	0	554	5.666	14720	2469
1	1.084	0	0	197	8.998	1304	297

[1] "cve_desf"

Table 49: Cardioversão/ Desfibrilação (sessão)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	5	0.112	14720	3196
1	0.021	0	0	4	0.251	1304	408

[1] "transfusao"

Table 50: Transfusão de hemoderivados

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.053	0	0	61	1.015	14720	2469
1	0.044	0	0	9	0.489	1304	297

[1] "interconsulta"

Table 51: Interconsulta médica (Especialidades cirúrgicas, infecto, uro, nefro, psiquiatra, dermato, alergista, oncologista, geriatra, etc)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.422	0	0	199	3.520	14720	2469
1	0.332	0	0	40	2.096	1304	297

[1] "equipe_multiprof"

Table 52: Equipe Multiprofissional (enf, fono, fisio, nutri, serviço social, psicologia)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.372	0	0	420	15.173	14720	2469
1	5.265	0	1	318	18.721	1304	297

[1] "ecg"

Table 53: ECG

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.035	0	2	141	6.377	14720	2469
1	5.485	0	3	140	8.255	1304	297

[1] "holter"

Table 54: Holter

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.102	0	0	5	0.352	14720	2469
1	0.170	0	0	3	0.421	1304	297

Table 55: Teste de esforço

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	3	0.108	14720	2469
1	0.007	0	0	1	0.083	1304	297

[1] "espiro_ergoespiro"

Table 56: Espirometria / Ergoespirometria

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	2	0.067	14720	2469
1	0.008	0	0	1	0.089	1304	297

[1] "tilt_teste"

Table 57: Tilt Test

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.047	14720	2469
1	0.007	0	0	1	0.083	1304	297

[1] "polissonografia"

Table 58: Polissonografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.044	14720	2469
1	0.003	0	0	1	0.055	1304	297

[1] "metodos_graficos_qtde"

Table 59: Quantidade de exames por métodos gráficos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.155	0	2	143	6.507	14720	2469
1	5.679	0	3	140	8.358	1304	297

[1] "laboratorio"

Table 60: Exames laboratoriais (exames bioquímicos, exames hematologia/coagulação, anticorpos, dosagem sérica de fármacos)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	66.441	0	10	3608	201.656	14720	2469
1	99.928	0	17	2342	221.464	1304	297

[1] "cultura"

Table 61: Culturas (hemocultura, cultura de secreções, urocultura e cultura de cateteres)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.363	0	0	48	1.588	14720	2469
1	0.469	0	0	16	1.429	1304	297

[1] "analises_clinicas_qtde"

Table 62: Quantidade de exames de análises clínicas

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	66.804	0	10	3645	202.912	14720	2469
1	100.396	0	17	2354	222.608	1304	297

[1] "citologia"

Table 63: Citologias

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	8	0.147	14720	2469
1	0.021	0	0	4	0.201	1304	297

[1] "biopsia"

Table 64: Biopsias (cardíaca, esterno, parede torácica, tumor em mediastino, pulmonar)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.016	0	0	10	0.259	14720	2469
1	0.013	0	0	6	0.233	1304	297

[1] "histopatologia_qtde"

Table 65: Quantidade de exames histopatológicos

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.024	0	0	10	0.304	14720	2469
1	0.034	0	0	7	0.332	1304	297

[1] "angio_rm"

Table 66: Angio RM

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	4	0.086	14720	2469
1	0.003	0	0	2	0.070	1304	297

Table 67: Angio TC

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.035	0	0	9	0.248	14720	2469
1	0.054	0	0	3	0.307	1304	297

[1] "angiografia"

Table 68: Angiografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.050	14720	2469
1	0.003	0	0	1	0.055	1304	297

[1] "aortografia"

Table 69: Aortografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.052	14720	2469
1	0.002	0	0	1	0.045	1304	297

[1] "arteriografia"

Table 70: Arteriografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.029	14720	2469
1	0.001	0	0	1	0.032	1304	297

[1] "cavografia"

Table 71: Cavografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	1	0.089	14720	2469
1	0.002	0	0	1	0.045	1304	297

[1] "cintilografia"

Table 72: Cintilografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.061	0	0	5	0.341	14720	2469
1	0.133	0	0	4	0.503	1304	297

[1] "ecocardiograma"

Table 73: Ecocardiograma

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.558	0	0	24	1.286	14720	2469
1	0.776	0	0	18	1.507	1304	297

[1] "endoscopia"

Table 74: Exames endoscópicos (EDA, colonoscopia, retossigmoidoscopia, broncoscopia)

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.018	0	0	6	0.182	14720	2469
1	0.026	0	0	2	0.208	1304	297

[1] "flebografia"

Table 75: Flebografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.035	0	0	5	0.287	14720	2469
1	0.047	0	0	5	0.335	1304	297

[1] "pet_ct"

Table 76: PET-CT

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	3	0.078	14720	2469
1	0.009	0	0	2	0.104	1304	297

[1] "ultrassom"

Table 77: Ultrassom

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.188	0	0	28	0.900	14720	2469
1	0.339	0	0	9	1.012	1304	297

[1] "tomografia"

Table 78: Tomografia

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.172	0	0	15	0.716	14720	2469
1	0.214	0	0	9	0.709	1304	297

[1] "radiografia"

Table 79: Radiografias

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.290	0	2	261	8.827	14720	2469
1	4.435	0	2	184	9.739	1304	297

[1] "ressonancia"

Table 80: Ressonancia magnetica

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.069	0	0	6	0.300	14720	2469
1	0.124	0	0	3	0.388	1304	297

[1] "exames_imagem_qtde"

Table 81: Quantidade de exames diagnóstico por imagem

death_readmission	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.447	0	2	281	10.826	14720	2469
1	6.166	0	3	200	11.768	1304	297

Categorical variables

```
paste_matrix <- function(...,sep = " ",collapse = NULL){</pre>
    n <- max(sapply(list(...),nrow))</pre>
    p <- max(sapply(list(...),ncol))</pre>
    matrix(paste(...,sep = sep,collapse = collapse),n,p)
percent <- function(x) paste0("(", lapply(x, as.character), "%)")</pre>
addpercentage <- function(df, horizontal = FALSE){</pre>
  if (horizontal){
    x <- df %>%
      prop.table(margin = 1) %>%
      addmargins(FUN = list(Total = sum), quiet = TRUE) %>%
      round(2) * 100
    x[nrow(x),] <- " "
    x[-(nrow(x)),] \leftarrow 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))] \leftarrow lapply(x[, -(ncol(x))], percent)
  y \leftarrow matrix(x, nrow = nrow(df) + 1)
  df <- df %>%
```

```
addmargins(FUN = list(Total = sum), quiet = TRUE)
  df_final <- paste_matrix(df, y)</pre>
  rownames(df_final) <- rownames(df)</pre>
  colnames(df_final) <- colnames(df)</pre>
 return(df_final)
transpose_columns <- c()</pre>
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]],</pre>
                         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"</pre>
    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]],</pre>
                         df[[column]],
                         useNA = "ifany") %>%
      addpercentage
    has_na <- df[[column]] %>% is.na() %>% sum > 0
    if (has na){
```

```
colnames(temp_table) [ncol(temp_table) - 1] <- "NA"</pre>
  }
  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 82: Contingency table between death readmission and Sexo

	Se	exo	
${\bf death_readmission}$	0	1	Total
0	7033 (93%)	7687 (91%)	14720
1	531 (7%)	773 (9%)	1304
Total	7564 (100%)	8460 (100%)	16024

Table 83: Contingency table between death readmission and Doença cardíaca

		Doença cardíaca					
${\it death_readmission}$	0	1	2	NA	Total		
0	8605 (93%)	1057 (90%)	3199 (91%)	1859 (91%)	14720		
1	679 (7%)	115 (10%)	332 (9%)	178 (9%)	1304		
Total	9284 (100%)	1172 (100%)	3531 (100%)	2037 (100%)	16024		

Table 84: Contingency table between death readmission and Hipertensão arterial

	Hipertensê	io arterial	
${\bf death_readmission}$	0	1	Total
0	11043 (91%)	3677 (95%)	14720
1	1097 (9%)	207 (5%)	1304
Total	12140 (100%)	3884 (100%)	16024

Table 85: Contingency table between death readmission and Infarto do miocárdio prévio / Doença arterial coronariana

	Infarto do miocárdio prévio / Doença arterial coronariana		
${\bf death_readmission}$	0	1	Total
0	13382 (92%)	1338 (91%)	14720
1	1164~(8%)	140 (9%)	1304
Total	14546 (100%)	1478 (100%)	16024

Table 86: Contingency table between death readmission and Insuficiência cardíaca

	Insuficiência cardíaca		
${\bf death_readmission}$	0	1	Total
0	9532 (93%)	5188 (89%)	14720
1	674 (7%)	630 (11%)	1304
Total	10206 (100%)	5818 (100%)	16024

Table 87: Contingency table between death readmission and Fibrilação / flutter atrial

	Fibrilação /	Fibrilação / flutter atrial		
$death_readmission$	0	1	Total	
0	12534~(92%)	2186 (90%)	14720	
1	1074~(8%)	$230\ (10\%)$	1304	
Total	13608 (100%)	2416 (100%)	16024	

Table 88: Contingency table between death readmission and Parada cardíaca prévia/ Taquicardia ventricular instável

	Parada cardíaca prévia/ Taquicardia ventricular instável		
${\bf death_readmission}$	0	1	Total
0	12990 (92%)	1730 (90%)	14720
1	1114 (8%)	190 (10%)	1304
Total	14104 (100%)	1920 (100%)	16024

Table 89: Contingency table between death readmission and Transplante cardíaco prévio

	Transplante car	Transplante cardíaco prévio		
$death_readmission$	0	1	Total	
0	14709 (92%)	11 (85%)	14720	
1	1302 (8%)	2~(15%)	1304	
Total	16011 (100%)	13 (100%)	16024	

Table 90: Contingency table between death readmission and Valvopatias/ Prótese valvares

	Valvopatias/ Prótese valvares		
${\bf death_readmission}$	0	1	Total
0	13755 (92%)	965 (90%)	14720
1	1193 (8%)	111 (10%)	1304
Total	14948 (100%)	1076 (100%)	16024

Table 91: Contingency table between death readmission and Endocardite prévia

	Endocardite prévia		
${\bf death_readmission}$	0	1	Total
0	14602 (92%)	118 (86%)	14720
1	1284 (8%)	20 (14%)	1304
Total	15886 (100%)	138 (100%)	16024

Table 92: Contingency table between death readmission and Diabetes melittus

	Diabetes		
${\it death_readmission}$	0	1	Total
0	12919 (92%)	1801 (93%)	14720
1	1160 (8%)	144~(7%)	1304
Total	14079 (100%)	1945 (100%)	16024

Table 93: Contingency table between death readmission and Insuficiência renal crônica

	Insuficiência renal crônica		
$death_readmission$	0	1	Total
0	14146 (92%)		14720
1	1228~(8%)	76 (12%)	1304
Total	15374 (100%)	650 (100%)	16024

Table 94: Contingency table between death readmission and Hemodiálise

	Hemodiálise		
$death_readmission$	0	1	Total
0	14701 (92%)	19 (86%)	14720
1	1301~(8%)	3 (14%)	1304
Total	16002 (100%)	22 (100%)	16024

Table 95: Contingency table between death readmission and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

	Acidente Vascula	r Cerebral/ Acidente isquêmico transitório prévios	
${\bf death_readmission}$	0	1	Total
0	14247 (92%)	473 (93%)	14720
1	1271 (8%)	33 (7%)	1304
Total	15518 (100%)	506 (100%)	16024

Table 96: Contingency table between death readmission and Doença pulmonar obstrutiva crônica

	Doença pulmonar obstrutiva crônica		
${\it death_readmission}$	0	1	Total
0	14513 (92%)	207 (95%)	14720
1	1292 (8%)	12 (5%)	1304
Total	15805 (100%)	219 (100%)	16024

Table 97: Contingency table between death readmission and Neoplasia em tratamento ou tratada recentemente (12 meses)

	Neoplasia em tra	Neoplasia em tratamento ou tratada recentemente (12 meses)		
${\bf death_readmission}$	0	1	Total	
0	14615 (92%)	105 (91%)	14720	
1	1294 (8%)	10 (9%)	1304	
Total	15909 (100%)	115 (100%)	16024	

Table 98: Contingency table between death readmission and Tipo de Procedimento 1

	Tipo de Pro		
$death_readmission$	1	2	Total
0	10156 (91%)	4564 (93%)	14720
1	973 (9%)	331 (7%)	1304
Total	11129 (100%)	4895 (100%)	16024

Table 99: Contingency table between death readmission and Tipo de Reoperação 1

		Tipo de Reoperação 1				
${\it death_readmission}$	1	2	3	NA	Total	
0	3675 (94%)	857 (92%)	32 (94%)	10156 (91%)	14720	
1	253~(6%)	76 (8%)	2(6%)	973 (9%)	1304	
Total	3928 (100%)	933 (100%)	34 (100%)	11129 (100%)	16024	

Table 100: Contingency table between death readmission and Tipo de Dispositivo ao final do procedimento 1

	Tipo de I	Tipo de Dispositivo ao final do procedimento 1						
${\bf death_readmission}$	1	2	3	4	Total			
0	11688 (94%)	1548 (86%)	1105 (85%)	379 (82%)	14720			
1	787 (6%)	243 (14%)	193 (15%)	81 (18%)	1304			
Total	12475 (100%)	1791 (100%)	1298 (100%)	460 (100%)	16024			

Table 101: Contingency table between death readmission and Óbito intraoperatório 1

	Óbito intraop		
$death_readmission$	0	1	Total
0	14713 (92%)	7 (100%)	14720
1	1304~(8%)	0 (0%)	1304
Total	16017 (100%)	7 (100%)	16024

Table 102: Contingency table between death readmission and Tipo de Reoperação 2

		Tipo de Reoperação 2				
${\bf death_readmission}$	1	2	3	NA	Total	
0	3082 (95%)	1313 (88%)	106 (88%)	10219 (92%)	14720	
1	178 (5%)	180 (12%)	15~(12%)	931 (8%)	1304	
Total	3260 (100%)	1493 (100%)	121 (100%)	11150 (100%)	16024	

Table 103: Contingency table between death readmission and Tipo de Dispositivo ao final do procedimento 2

	T	Tipo de Dispositivo ao final do procedimento 2					
${\bf death_readmission}$	1	2	3	4	NA	Total	
0	3449 (95%)	568 (88%)	337 (87%)	148 (73%)	10218 (92%)	14720	
1	189 (5%)	77 (12%)	51 (13%)	55~(27%)	932 (8%)	1304	
Total	3638 (100%)	645 (100%)	388 (100%)	203 (100%)	11150 (100%)	16024	

Table 104: Contingency table between death readmission and Óbito intraoperatório 2

	Óbito intra		
$death_readmission$	0	NA	Total
0	4508 (92%)	10212 (92%)	14720
1	373~(8%)	931 (8%)	1304
Total	4881 (100%)	11143 (100%)	16024

Table 105: Contingency table between death readmission and Tipo de Reoperação 3

		Tipo de Reoperação 3				
$death_readmission$	1	2	3	NA	Total	
0	685 (95%)	506 (87%)	47 (76%)	13482 (92%)	14720	
1	39~(5%)	74~(13%)	15~(24%)	1176 (8%)	1304	
Total	724 (100%)	580 (100%)	62 (100%)	14658 (100%)	16024	

Table 106: Contingency table between death readmission and Tipo de Dispositivo ao final do procedimento 3

	Т	Tipo de Dispositivo ao final do procedimento 3				
${\bf death_readmission}$	1	2	3	4	NA	Total
0	908 (94%)	224 (89%)	131 (82%)	75 (76%)	13382 (92%)	14720
1	60 (6%)	28 (11%)	29 (18%)	24 (24%)	1163 (8%)	1304
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14545 (100%)	16024

Table 107: Contingency table between death readmission and Óbito intraoperatório 3

	Óbito	Óbito intraoperatório 3				
${\it death_readmission}$	0	1	NA	Total		
0	1339 (91%)	0 (0%)	13381 (92%)	14720		
1	137 (9%)	4 (100%)	1163~(8%)	1304		
Total	1476 (100%)	4 (100%)	14544 (100%)	16024		

Table 108: Contingency table between death readmission and Tipo de Reoperação 4

		Tipo de Reoperação 4				
$death_readmission$	1	2	3	NA	Total	
0	177 (92%)	214 (85%)	32 (97%)	14297 (92%)	14720	
1	15 (8%)	37 (15%)	1 (3%)	1251 (8%)	1304	
Total	192 (100%)	251 (100%)	33 (100%)	15548 (100%)	16024	

Table 109: Contingency table between death readmission and Tipo de Dispositivo ao final do procedimento 4

	Ti	Tipo de Dispositivo ao final do procedimento 4				
${\bf death_readmission}$	1	2	3	4	NA	Total
0	265 (92%)	97 (88%)	35 (78%)	35 (83%)	14288 (92%)	14720
1	23 (8%)	13~(12%)	10 (22%)	7 (17%)	1251 (8%)	1304
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15539 (100%)	16024

Table 110: Contingency table between death readmission and Óbito intraoperatório 4

	Óbito intra		
$death_readmission$	0	NA	Total
0	432 (89%)	14288 (92%)	14720
1	53~(11%)	1251~(8%)	1304
Total	485 (100%)	15539 (100%)	16024

Table 111: Contingency table between death readmission and Tipo de Reoperação 5

		Tipo de Reoperação 5				
${\bf death_readmission}$	1	2	3	NA	Total	
0	64 (90%)	94 (89%)	13 (93%)	14549 (92%)	14720	
1	7 (10%)	12 (11%)	1(7%)	1284 (8%)	1304	
Total	71 (100%)	106 (100%)	14 (100%)	15833 (100%)	16024	

 $\begin{tabular}{ll} Table 112: Contingency table between death readmission and Tipo de Dispositivo ao final do procedimento 5 \\ \end{tabular}$

	Tip	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%)	14549 (92%)	14720	
1	7 (7%)	7 (12%)	4 (18%)	2 (15%)	1284~(8%)	1304	
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15833 (100%)	16024	

Table 113: Contingency table between death readmission and Óbito intraoperatório 5

	Óbito intra	Óbito intraoperatório 5				
$death_readmission$	0	NA	Total			
0	172 (90%)	14548 (92%)	14720			
1	20 (10%)	1284 (8%)	1304			
Total	192 (100%)	15832 (100%)	16024			

Table 114: Contingency table between death readmission and Tipo de Reoperação 6

		Tipo de Reoperação 6				
${\bf death_readmission}$	1	2	3	NA	Total	
0	24 (92%)	37 (80%)	5 (83%)	14654 (92%)	14720	
1	2 (8%)	9(20%)	1(17%)	1292~(8%)	1304	
Total	26 (100%)	46 (100%)	6 (100%)	15946 (100%)	16024	

Table 115: Contingency table between death readmission and Tipo de Dispositivo ao final do procedimento 6

	Tip	Tipo de Dispositivo ao final do procedimento 6					
${\it death_readmission}$	1	2	3	4	NA	Total	
0	37 (92%)	22 (88%)	4 (57%)	6 (67%)	14651 (92%)	14720	
1	3 (7%)	3 (12%)	3 (43%)	3 (33%)	1292 (8%)	1304	
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15943 (100%)	16024	

Table 116: Contingency table between death readmission and Óbito intraoperatório 6

	Óbito intr		
${\bf death_readmission}$	0	NA	Total
0	69 (85%)	14651 (92%)	14720
1	12~(15%)	1292~(8%)	1304
Total	81 (100%)	15943 (100%)	16024

Table 117: Contingency table between death readmission and Tipo de Reoperação 7

		Tipo de Reoperação 7				
${\it death_readmission}$	1	2	3	NA	Total	
0	9 (90%)	16 (89%)	3 (75%)	14692 (92%)	14720	
1	1 (10%)	2 (11%)	1~(25%)	1300 (8%)	1304	
Total	10 (100%)	18 (100%)	4 (100%)	15992 (100%)	16024	

Table 118: Contingency table between death readmission and Tipo de Dispositivo ao final do procedimento 7

	Tip	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%)	14692 (92%)	14720	
1	1 (8%)	1 (8%)	1 (100%)	0 (0%)	1301 (8%)	1304	
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15993 (100%)	16024	

Table 119: Contingency table between death readmission and Óbito intraoperatório 7

	Óbito intr	Óbito intraoperatório 7			
$death_readmission$	0	NA	Total		
0	28 (88%)	14692 (92%)	14720		
1	4(12%)	1300 (8%)	1304		
Total	32 (100%)	15992 (100%)	16024		

Table 120: Contingency table between death readmission and Tipo de Reoperação 8

	Tij	Tipo de Reoperação 8				
$death_readmission$	1	2	NA	Total		
0	3 (100%)	7 (78%)	14710 (92%)	14720		
1	0 (0%)	2(22%)	1302 (8%)	1304		
Total	3 (100%)	9 (100%)	16012 (100%)	16024		

Table 121: Contingency table between death readmission and Tipo de Dispositivo ao final do procedimento 8

	Tipo de I	Tipo de Dispositivo ao final do procedimento 8				
${\bf death_readmission}$	1	2	4	NA	Total	
0	5 (71%)	4 (100%)	1 (100%)	14710 (92%)	14720	
1	2(29%)	0 (0%)	0 (0%)	1302~(8%)	1304	
Total	7 (100%)	4 (100%)	1 (100%)	16012 (100%)	16024	

Table 122: Contingency table between death readmission and Óbito intraoperatório 8

	Óbito intraoperatório 8				
${\bf death_readmission}$	0	NA	Total		
0	10 (83%)	14710 (92%)	14720		
1	2(17%)	1302 (8%)	1304		
Total	12 (100%)	16012 (100%)	16024		

Table 123: Contingency table between death readmission and Tipo de Reoperação 9

	Tipo de	Tipo de Reoperação 9				
$death_readmission$	2	NA	Total			
0	4 (80%)	14716 (92%)	14720			
1	1 (20%)	1303 (8%)	1304			
Total	5 (100%)	16019 (100%)	16024			

Table 124: Contingency table between death readmission and Tipo de Dispositivo ao final do procedimento 9

	Tipo de D	Γipo de Dispositivo ao final do procedimento 9				
${\bf death_readmission}$	1	2	NA	Total		
0	2 (67%)	2 (100%)	14716 (92%)	14720		
1	1 (33%)	0 (0%)	1303 (8%)	1304		
Total	3 (100%)	2 (100%)	16019 (100%)	16024		

Table 125: Contingency table between death readmission and Óbito intraoperatório 9

	Óbito int	Óbito intraoperatório 9		
$death_readmission$	0	NA	Total	
0	4 (80%)	14716 (92%)	14720	
1	1(20%)	1303~(8%)	1304	
Total	5 (100%)	16019 (100%)	16024	

Table 126: Contingency table between death readmission and Tipo de Reoperação 10

	Tipo de Reoperação 10			
${\it death_readmission}$	2	NA	Total	
0	1 (100%)	14719 (92%)	14720	
1	0 (0%)	1304~(8%)	1304	
Total	1 (100%)	16023 (100%)	16024	

Table 127: Contingency table between death readmission and Tipo de Dispositivo ao final do procedimento 10

	Tipo de Di	Tipo de Dispositivo ao final do procedimento 10		
${\bf death_readmission}$	2	NA	Total	
0	1 (100%)	14719 (92%)	14720	
1	0 (0%)	1304 (8%)	1304	
Total	1 (100%)	16023 (100%)	16024	

Table 128: Contingency table between death readmission and Óbito intraoperatório 10

	Óbito intr	Óbito intraoperatório 10			
${\bf death_readmission}$	0	NA	Total		
0	1 (100%)	14719 (92%)	14720		
1	0 (0%)	1304 (8%)	1304		
Total	1 (100%)	16023 (100%)	16024		

Table 129: Contingency table between death readmission and Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2

	Mudança do t	Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2			
${\bf death_readmission}$	0	1	NA	Total	
0	4279 (93%)	223 (80%)	10218 (92%)	14720	
1	315 (7%)	57 (20%)	932 (8%)	1304	
Total	4594 (100%)	280 (100%)	11150 (100%)	16024	

Table 130: Contingency table between death readmission and Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3

	Mudança do t	Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3		
${\bf death_readmission}$	0	1	NA	Total
0	1262 (91%)	76 (81%)	13382 (92%)	14720
1	123 (9%)	18 (19%)	1163 (8%)	1304
Total	1385 (100%)	94 (100%)	14545 (100%)	16024

 $\hbox{ Table 131: Contingency table between death readmission and Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4 } \\$

	Mudança do	tipo de DCE	I: entre o Procedimento 3 e Procedimento 4	
${\bf death_readmission}$	0	1	NA	Total
0	409 (89%)	23 (82%)	14288 (92%)	14720
1	48 (11%)	5 (18%)	1251 (8%)	1304
Total	457 (100%)	28 (100%)	15539 (100%)	16024

Table 132: Contingency table between death readmission and Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5

	Mudança do	Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5		
${\bf death_readmission}$	0	1	NA	Total
0	165 (91%)	6 (67%)	14549 (92%)	14720
1	17 (9%)	3 (33%)	1284 (8%)	1304
Total	182 (100%)	9 (100%)	15833 (100%)	16024

 $\hbox{ Table 133: Contingency table between death readmission and Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6 } \\$

	Mudança d	Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6			
${\bf death_readmission}$	0	1	NA	Total	
0	65 (88%)	4 (57%)	14651 (92%)	14720	
1	9 (12%)	3 (43%)	1292 (8%)	1304	
Total	74 (100%)	7 (100%)	15943 (100%)	16024	

Table 134: Contingency table between death readmission and Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7

	Mudança d	Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7		
${\it death_readmission}$	0	1	NA	Total
0	26 (93%)	2 (67%)	14692 (92%)	14720
1	2(7%)	1 (33%)	1301 (8%)	1304
Total	28 (100%)	3 (100%)	15993 (100%)	16024

Table 135: Contingency table between death readmission and Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8

	Mudança d	Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8			
${\bf death_readmission}$	0	1	NA	Total	
0	10 (91%)	0 (0%)	14710 (92%)	14720	
1	1 (9%)	1 (100%)	1302 (8%)	1304	
Total	11 (100%)	1 (100%)	16012 (100%)	16024	

 $\begin{table} Table 136: Contingency table between death readmission and Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9 \\$

	Mudança do	Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9		
${\bf death_readmission}$	0	NA	Total	
0	4 (80%)	14716 (92%)	14720	
1	1 (20%)	1303 (8%)	1304	
Total	5 (100%)	16019 (100%)	16024	

Table 137: Contingency table between death readmission and Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10

	Mudança do	Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10		
${\bf death_readmission}$	0	NA	Total	
0	1 (100%)	14719 (92%)	14720	
1	0 (0%)	1304 (8%)	1304	
Total	1 (100%)	16023 (100%)	16024	

Table 138: Contingency table between death readmission and Diálise durante os episódios de hospitalização

	Diálise durante d		
$death_readmission$	0	1	Total
0	14682 (92%)	38 (62%)	14720
1	1281 (8%)	23 (38%)	1304
Total	15963 (100%)	61 (100%)	16024

Table 139: Contingency table between death readmission and UTI durante os episódios de hospitalização

	UTI durante os e	UTI durante os episódios de hospitalização		
$death_readmission$	0	1	Total	
0	11800 (94%)	2920 (86%)	14720	
1	820 (6%)	$484 \ (14\%)$	1304	
Total	12620 (100%)	3404 (100%)	16024	

Table 140: Contingency table between death readmission and Admissão em até 180 dias antes da T0

	Admissão em ato	é 180 dias antes da T0	
$death_readmission$	0	1	Total
0	13810 (93%)	910 (82%)	14720
1	1099~(7%)	205~(18%)	1304
Total	14909 (100%)	1115 (100%)	16024

Table 141: Contingency table between death readmission and Readmissões pós-T0 com diálise

	Readr	Readmissões pós-T0 com diálise			
${\it death_readmission}$	0	1	2	3	Total
0	14714 (92%)	5 (26%)	1 (50%)	0 (0%)	14720
1	1288 (8%)	14 (74%)	1~(50%)	1 (100%)	1304
Total	16002 (100%)	19 (100%)	2 (100%)	1 (100%)	16024

Table 142: Contingency table between death readmission and Desfecho principal da admissão T0

	Desfecho princip		
$death_readmission$	0	1	Total
0	14462 (92%)	258 (100%)	14720
1	1304~(8%)	0 (0%)	1304
Total	15766 (100%)	258 (100%)	16024

Table 143: Contingency table between death readmission and Readmissão cirúrgica em até 30 dias

	Readmissão cirú	Readmissão cirúrgica em até 30 dias			
${\it death_readmission}$	0	1	Total		
0	14603 (92%)	117 (85%)	14720		
1	1284 (8%)	20 (15%)	1304		
Total	15887 (100%)	137 (100%)	16024		

 ${\it Table~144:~Contingency~table~between~death~readmission~and~Readmiss\~ao~cir\'urgica~entre~31~a~60~dias}$

	Readmissão cirú	Readmissão cirúrgica entre 31 a 60 dias		
$death_readmission$	0	1	Total	
0	14641 (92%)	79 (85%)	14720	
1	1290 (8%)	14 (15%)	1304	
Total	15931 (100%)	93 (100%)	16024	

Table 145: Contingency table between death readmission and Readmissão cirúgica entre 61 a 180 dias

	Readmissão cirú		
${\bf death_readmission}$	0	1	Total
0	14591 (92%)	129 (87%)	14720
1	1284 (8%)	20 (13%)	1304
Total	15875 (100%)	149 (100%)	16024

Table 146: Contingency table between death readmission and Readmissão cirúrgica em até 1 ano

	Readmissão cirú		
${\bf death_readmission}$	0	1	Total
0	14608 (92%)	112 (85%)	14720
1	1284~(8%)	20~(15%)	1304
Total	15892 (100%)	132 (100%)	16024

Table 147: Contingency table between death readmission and Desfecho final do estudo

	Desfecho final do estudo			
${\bf death_readmission}$	1	2	3	Total
0	1494 (53%)	7729 (100%)	5497 (100%)	14720
1	1304~(47%)	0 (0%)	0 (0%)	1304
Total	2798 (100%)	7729 (100%)	5497 (100%)	16024

Table 148: Contingency table between death readmission and Ventilação mecânica / IOT

	Ventilação mecânica / IOT			
$death_readmission$	1	NA	Total	
0	2684 (90%)	12036 (92%)	14720	
1	$300 \ (10\%)$	1004~(8%)	1304	
Total	2984 (100%)	13040 (100%)	16024	