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

Table 1: Antiarritmicos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	15.085	0	0	173	37.057	71	6
NA	4.202	0	0	844	21.170	15953	3513

[1] "antihipertensivo"

Table 2: Antihipertensivo

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	1.677	0	0	51	7.852	71	6
NA	0.497	0	0	349	5.561	15953	3513

[1] "betabloqueador"

Table 3: Betabloqueador

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	1.550	0	0	32.25	5.526	71	6
NA	1.108	0	0	388.00	8.108	15953	3513

[1] "ieca_bra"

Table 4: IECA/BRA

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	17.354	0	0	169	38.854	71	6
NA	9.016	0	2	773	22.292	15953	3513

[1] "dva"

Table 5: DVA

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	17.369	0	0	348	55.157	71	6
NA	7.559	0	0	1917	47.088	15953	3513

[1] "digoxina"

Table 6: Digoxina

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.469	0	0	28	3.475	71	6
NA	0.236	0	0	50	1.670	15953	3513

[1] "estatina"

Table 7: Estatinas

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	21.400	0	0	321	57.104	71	6
NA	5.207	0	0	421	16.677	15953	3513

[1] "diuretico"

Table 8: Diuretico

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	50.531	0	2	1010.5	147.729	71	6
NA	11.629	0	0	2966.0	69.484	15953	3513

[1] "vasodilatador"

Table 9: Vasodilator

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	41.808	0	0	566.0	110.694	71	6
NA	10.187	0	0	3820.5	64.194	15953	3513

[1] "insuf_cardiaca"

Table 10: Insuficiência cardíaca (ivabradina, levosimedan, milrinona, nesiritida, carvedilol)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	8.569	0	0	104	21.577	71	6
NA	4.634	0	0	453	17.125	15953	3513

[1] "espironolactona"

Table 11: Antagonista da Aldosterona (espironolactona)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	4.800	0	0	41	9.925	71	6
NA	2.142	0	0	255	8.353	15953	3513

[1] "bloq_calcio"

Table 12: Bloqueador do canal de calcio

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	2.354	0	0	153	18.977	71	6
NA	0.622	0	0	509	9.555	15953	3513

[1] "trombolitico"

Table 13: Trombolitico

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	6
NA	0.001	0	0	3	0.047	15953	3513

[1] "antiplaquetario_vo"

Table 14: Antiplaquetario VO

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0	0	0	0	0	71	6
NA	0	0	0	0	0	15953	3513

[1] "antiplaquetario_ev"

Table 15: Antiplaquetario EV

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.031	0	0	1	0.174	71	6
NA	0.011	0	0	8	0.179	15953	3513

[1] "insulina"

Table 16: Insulina

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.415	0	0	7	1.158	71	6
NA	0.101	0	0	16	0.495	15953	3513

[1] "hipoglicemiante"

Table 17: Hipoglicemiante

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.262	0	0	11	1.544	71	6
NA	0.354	0	0	90	2.823	15953	3513

[1] "hormonio_tireoidiano"

Table 18: Hormonio tireoidiano

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0	0	0	0	0	71	6
NA	0	0	0	0	0	15953	3513

[1] "broncodilatador"

Table 19: Broncodiltador

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0	0	0	0	0	71	6
NA	0	0	0	0	0	15953	3513

[1] "anticonvulsivante"

Table 20: Anticonvulsivante

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	2.908	0	0	100	16.309	71	6
NA	1.034	0	0	390	11.590	15953	3513

[1] "psicofarmacos"

Table 21: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	15.692	0	3	118	26.883	71	6
NA	3.992	0	0	573	14.607	15953	3513

[1] "atb"

Table 22: Antibióticos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	34.662	0	4	270	58.100	71	6
NA	15.025	0	4	1812	63.802	15953	3513

[1] "antifungico"

Table 23: Antifúngicos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	1.692	0	0	50	8.363	71	6
NA	0.446	0	0	122	4.369	15953	3513

[1] "antiviral"

Table 24: Antiviral

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.062	0	0	4	0.496	71	6
NA	0.122	0	0	131	2.743	15953	3513

[1] "antiretroviral"

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	6
NA	0.009	0	0	32	0.445	15953	3513

[1] "classe_meds_qtde"

Table 26: Quantidade de classes medicamentosas utilizadas

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	6.569	1	7	12	3.151	71	20
NA	4.799	1	4	17	2.580	15953	4994

[1] "classe_meds_cardio_qtde"

Table 27: Quantidade de classes medicamentosas de ação cardiovascular

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	4.196	1	3.5	8	2.237	71	25
NA	3.143	1	3.0	10	1.783	15953	6570

[1] "meds_cardiovasc_qtde"

Table 28: Quantidade de medicamentos de ação cardiovascular

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	161.565	0	24	1591.5	319.823	71	6
NA	51.832	0	10	8738.0	179.954	15953	3513

[1] "meds_antimicrobianos"

Table 29: Quantidade de antimicrobianos (antibióticos e antifúngicos)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	36.354	0	4	270	61.911	71	6
NA	15.471	0	4	1812	65.543	15953	3513

[1] "vni"

Table 30: Ventilação não invasiva

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.136	0	0	8	0.991	71	5
NA	0.047	0	0	114	1.552	15953	2761

[1] "cec"

Table 31: Instalação de CEC

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.015	0	0	1	0.123	71	5
NA	0.013	0	0	2	0.114	15953	2761

[1] "cir_cardiovascular"

Table 32: Cirurgia Cardiovascular

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.227	0	0	9	1.187	71	5
NA	0.058	0	0	9	0.379	15953	2761

[1] "transplante_cardiaco"

Table 33: Transplante cardíaco

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.002	0	0	1	0.041	15953	2761

[1] "cir_toracica"

Table 34: Cirurgia Toracica

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.004	0	0	9	0.106	15953	2761

[1] "outros_proced_cirurgicos"

Table 35: Outros procedimentos cirúrgicos (cir geral, gastrocir, plástica, uro, vascular)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.197	0	0	5	0.808	71	5
NA	0.116	0	0	22	0.582	15953	2761

[1] "traqueostomia"

Table 36: Traqueostomia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.00	71	5
NA	0.002	0	0	8	0.09	15953	2761

[1] "icp"

Table 37: Intervenção coronária percutânea

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.012	0	0	4	0.139	15953	2761

[1] "intervencao_cv"

Table 38: Intervenção cardiovascular em laboratório de hemodinâmica (alcoolização septal, valvoplastia percutânea, stent em vasos pulmonares)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.045	0	0	2	0.274	71	5
NA	0.007	0	0	3	0.114	15953	2761

[1] "stent"

Table 39: Stent

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0	0	0	0	0.000	71	5
NA	0	0	0	1	0.009	15953	2761

[1] "angioplastia"

Table 40: Angioplastia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.002	0	0	2	0.043	15953	2761

[1] "cateterismo"

Table 41: Cateterismo

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.212	0	0	3	0.569	71	5
NA	0.126	0	0	7	0.408	15953	2761

[1] "eletrofisiologia"

Table 42: Eletrofisiologia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.106	0	0	2	0.434	71	5
NA	0.082	0	0	11	0.478	15953	2761

[1] "suporte_hemod"

Table 43: Suporte cardiocirculatório (ECMO, BIA, Bio-PUMP)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.128	0	0	535	5.588	15953	2761

[1] "cateter_venoso_central"

Table 44: Cateter venoso central

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.152	0	0	3	0.533	71	5
NA	0.030	0	0	5	0.212	15953	2761

[1] "drenagem_torax"

Table 45: Drenagem de tórax (instalação /troca) e punção pericárdica ou pleural

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.007	0	0	6	0.123	15953	2761

[1] "proced_invasivos_qtde"

Table 46: Quantidade de procedimentos invasivos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.955	0	0	14	2.496	71	5
NA	0.588	0	0	554	5.998	15953	2761

[1] "cve_desf"

Table 47: Cardioversão/ Desfibrilação (sessão)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	7
NA	0.007	0	0	5	0.127	15953	3597

[1] "transfusao"

Table 48: Transfusão de hemoderivados

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.303	0	0	16	2.000	71	5
NA	0.051	0	0	61	0.978	15953	2761

[1] "interconsulta"

Table 49: Interconsulta médica (Especialidades cirúrgicas, infecto, uro, nefro, psiquiatra, dermato, alergista, oncologista, geriatra, etc)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	1.455	0	0	30	4.868	71	5
NA	0.409	0	0	199	3.424	15953	2761

[1] "equipe_multiprof"

Table 50: Equipe Multiprofissional (enf, fono, fisio, nutri, serviço social, psicologia)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	12.742	0	2.5	201	30.367	71	5
NA	3.469	0	0.0	420	15.356	15953	2761

[1] "ecg"

Table 51: ECG

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	7.500	0	5	51	9.343	71	5
NA	4.128	0	2	141	6.528	15953	2761

[1] "holter"

Table 52: Holter

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.303	0	0	2	0.581	71	5
NA	0.106	0	0	5	0.357	15953	2761

[1] "teste_esforco"

Table 53: Teste de esforço

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.00	0	0	0	0.000	71	5
NA	0.01	0	0	3	0.107	15953	2761

[1] "espiro_ergoespiro"

Table 54: Espirometria / Ergoespirometria

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.004	0	0	2	0.069	15953	2761

[1] "tilt_teste"

Table 55: Tilt Test

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.002	0	0	2	0.051	15953	2761

[1] "polissonografia"

Table 56: Polissonografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.002	0	0	2	0.045	15953	2761

[1] "metodos_graficos_qtde"

Table 57: Quantidade de exames por métodos gráficos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	7.803	0	5	51	9.404	71	5
NA	4.253	0	2	143	6.657	15953	2761

[1] "laboratorio"

Table 58: Exames laboratoriais (exames bioquímicos, exames hematologia/coagulação, anticorpos, dosagem sérica de fármacos)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	216.045	0	61.5	1803	355.966	71	5
NA	68.249	0	10.0	3608	202.115	15953	2761

[1] "cultura"

Table 59: Culturas (hemocultura, cultura de secreções, urocultura e cultura de cateteres)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	1.455	0	0	16	3.079	71	5
NA	0.365	0	0	48	1.564	15953	2761

[1] "analises_clinicas_qtde"

Table 60: Quantidade de exames de análises clínicas

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	217.500	0	63	1817	358.245	71	5
NA	68.614	0	10	3645	203.352	15953	2761

[1] "citologia"

Table 61: Citologias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.045	0	0	1	0.210	71	5
NA	0.009	0	0	8	0.151	15953	2761

[1] "biopsia"

Table 62: Biopsias (cardíaca, esterno, parede torácica, tumor em mediastino, pulmonar)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.015	0	0	10	0.258	15953	2761

[1] "histopatologia_qtde"

Table 63: Quantidade de exames histopatológicos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.045	0	0	1	0.210	71	5
NA	0.025	0	0	10	0.307	15953	2761

[1] "angio_rm"

Table 64: Angio RM

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.004	0	0	4	0.085	15953	2761

[1] "angio_tc"

Table 65: Angio TC

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.106	0	0	4	0.530	71	5
NA	0.036	0	0	9	0.251	15953	2761

[1] "angiografia"

Table 66: Angiografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.030	0	0	1	0.173	71	5
NA	0.002	0	0	3	0.049	15953	2761

[1] "aortografia"

Table 67: Aortografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.002	0	0	2	0.051	15953	2761

[1] "arteriografia"

Table 68: Arteriografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	5
NA	0.001	0	0	2	0.029	15953	2761

[1] "cavografia"

Table 69: Cavografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.015	0	0	1	0.123	71	5
NA	0.008	0	0	1	0.086	15953	2761

[1] "cintilografia"

Table 70: Cintilografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.182	0	0	3	0.605	71	5
NA	0.066	0	0	5	0.354	15953	2761

[1] "ecocardiograma"

Table 71: Ecocardiograma

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	1.242	0	1	13	1.922	71	5
NA	0.571	0	0	24	1.301	15953	2761

[1] "endoscopia"

Table 72: Exames endoscópicos (EDA, colonoscopia, retossigmoidoscopia, broncoscopia)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.015	0	0	1	0.123	71	5
NA	0.019	0	0	6	0.184	15953	2761

[1] "flebografia"

Table 73: Flebografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.091	0	0	2	0.42	71	5
NA	0.036	0	0	5	0.29	15953	2761

[1] "pet_ct"

Table 74: PET-CT

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.015	0	0	1	0.123	71	5
NA	0.005	0	0	3	0.080	15953	2761

[1] "ultrassom"

Table 75: Ultrassom

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.682	0	0	14	1.947	71	5
NA	0.197	0	0	28	0.901	15953	2761

[1] "tomografia"

Table 76: Tomografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.576	0	0	7	1.313	71	5
NA	0.173	0	0	15	0.711	15953	2761

[1] "radiografia"

Table 77: Radiografias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	9.348	0	3	119	18.156	71	5
NA	3.347	0	2	261	8.825	15953	2761

[1] "ressonancia"

Table 78: Ressonancia magnetica

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.136	0	0	1	0.346	71	5
NA	0.073	0	0	6	0.307	15953	2761

[1] "exames_imagem_qtde"

Table 79: Quantidade de exames diagnóstico por imagem

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	12.439	0	5	141	21.305	71	5
NA	4.539	0	2	281	10.819	15953	2761

[1] "dieta_enteral"

Table 80: Dieta enteral (frasco)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.312	0	0	20	2.500	71	7
NA	0.067	0	0	195	2.713	15953	3599

[1] "dieta_parenteral"

Table 81: Dieta parenteral (frasco)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	71	7
NA	0.003	0	0	14	0.144	15953	3599

Categorical variables

```r
paste_matrix <- function(...,sep = " ",collapse = NULL){
    n <- max(sapply(list(...),nrow))
    p <- max(sapply(list(...),ncol))

    matrix(paste(...,sep = sep,collapse = collapse),n,p)
}
```

```r
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 %>%
```

```r
      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 82: Contingency table between death 30days and Sexo

	Sexo		Total
death_30days	0	1	
X1	26 (0%)	45 (1%)	71
NA.	7538 (100%)	8415 (99%)	15953
Total	7564 (100%)	8460 (100%)	16024

Table 83: Contingency table between death 30days and Doença cardíaca

	Doença cardíaca				Total
death_30days	0	1	2	NA	
X1	27 (0%)	11 (1%)	21 (1%)	12 (1%)	71
NA.	9257 (100%)	1161 (99%)	3510 (99%)	2025 (99%)	15953
Total	9284 (100%)	1172 (100%)	3531 (100%)	2037 (100%)	16024

Table 84: Contingency table between death 30days and Hipertensão arterial

	Hipertensão arterial		Total
death_30days	0	1	
X1	43 (0%)	28 (1%)	71
NA.	12097 (100%)	3856 (99%)	15953
Total	12140 (100%)	3884 (100%)	16024

Table 85: Contingency table between death 30days and Infarto do miocárdio prévio / Doença arterial coronariana

| death_30days | Infarto do miocárdio prévio / Doença arterial coronariana | | Total |
	0	1	
X1	58 (0%)	13 (1%)	71
NA.	14488 (100%)	1465 (99%)	15953
Total	14546 (100%)	1478 (100%)	16024

Table 86: Contingency table between death 30days and Insuficiência cardíaca

| death_30days | Insuficiência cardíaca | | Total |
	0	1	
X1	33 (0%)	38 (1%)	71
NA.	10173 (100%)	5780 (99%)	15953
Total	10206 (100%)	5818 (100%)	16024

Table 87: Contingency table between death 30days and Fibrilação / flutter atrial

| death_30days | Fibrilação / flutter atrial | | Total |
	0	1	
X1	54 (0%)	17 (1%)	71
NA.	13554 (100%)	2399 (99%)	15953
Total	13608 (100%)	2416 (100%)	16024

Table 88: Contingency table between death 30days and Parada cardíaca prévia/ Taquicardia ventricular instável

| death_30days | Parada cardíaca prévia/ Taquicardia ventricular instável | | Total |
	0	1	
X1	63 (0%)	8 (0%)	71
NA.	14041 (100%)	1912 (100%)	15953
Total	14104 (100%)	1920 (100%)	16024

Table 89: Contingency table between death 30days and Transplante cardíaco prévio

| death_30days | Transplante cardíaco prévio | | Total |
	0	1	
X1	71 (0%)	0 (0%)	71
NA.	15940 (100%)	13 (100%)	15953
Total	16011 (100%)	13 (100%)	16024

Table 90: Contingency table between death 30days and Valvopatias/ Prótese valvares

death_30days	Valvopatias/ Prótese valvares		Total
	0	1	
X1	60 (0%)	11 (1%)	71
NA.	14888 (100%)	1065 (99%)	15953
Total	14948 (100%)	1076 (100%)	16024

Table 91: Contingency table between death 30days and Endocardite prévia

death_30days	Endocardite prévia		Total
	0	1	
X1	70 (0%)	1 (1%)	71
NA.	15816 (100%)	137 (99%)	15953
Total	15886 (100%)	138 (100%)	16024

Table 92: Contingency table between death 30days and Diabetes melittus

death_30days	Diabetes melittus		Total
	0	1	
X1	53 (0%)	18 (1%)	71
NA.	14026 (100%)	1927 (99%)	15953
Total	14079 (100%)	1945 (100%)	16024

Table 93: Contingency table between death 30days and Insuficiência renal crônica

death_30days	Insuficiência renal crônica		Total
	0	1	
X1	59 (0%)	12 (2%)	71
NA.	15315 (100%)	638 (98%)	15953
Total	15374 (100%)	650 (100%)	16024

Table 94: Contingency table between death 30days and Hemodiálise

death_30days	Hemodiálise		Total
	0	1	
X1	70 (0%)	1 (5%)	71
NA.	15932 (100%)	21 (95%)	15953
Total	16002 (100%)	22 (100%)	16024

Table 95: Contingency table between death 30days and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

| | Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios | | |
death_30days	0	1	Total
X1	68 (0%)	3 (1%)	71
NA.	15450 (100%)	503 (99%)	15953
Total	15518 (100%)	506 (100%)	16024

Table 96: Contingency table between death 30days and Doença pulmonar obstrutiva crônica

| | Doença pulmonar obstrutiva crônica | | |
death_30days	0	1	Total
X1	70 (0%)	1 (0%)	71
NA.	15735 (100%)	218 (100%)	15953
Total	15805 (100%)	219 (100%)	16024

Table 97: Contingency table between death 30days and Neoplasia em tratamento ou tratada recentemente (12 meses)

| | Neoplasia em tratamento ou tratada recentemente (12 meses) | | |
death_30days	0	1	Total
X1	69 (0%)	2 (2%)	71
NA.	15840 (100%)	113 (98%)	15953
Total	15909 (100%)	115 (100%)	16024

Table 98: Contingency table between death 30days and Tipo de Procedimento 1

| | Tipo de Procedimento 1 | | |
death_30days	1	2	Total
X1	61 (1%)	10 (0%)	71
NA.	11068 (99%)	4885 (100%)	15953
Total	11129 (100%)	4895 (100%)	16024

Table 99: Contingency table between death 30days and Tipo de Reoperação 1

| | Tipo de Reoperação 1 | | | | |
death_30days	1	2	3	NA	Total
X1	6 (0%)	4 (0%)	0 (0%)	61 (1%)	71
NA.	3922 (100%)	929 (100%)	34 (100%)	11068 (99%)	15953
Total	3928 (100%)	933 (100%)	34 (100%)	11129 (100%)	16024

Table 100: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 1

death_30days	Tipo de Dispositivo ao final do procedimento 1				Total
	1	2	3	4	
X1	43 (0%)	11 (1%)	12 (1%)	5 (1%)	71
NA.	12432 (100%)	1780 (99%)	1286 (99%)	455 (99%)	15953
Total	12475 (100%)	1791 (100%)	1298 (100%)	460 (100%)	16024

Table 101: Contingency table between death 30days and Óbito intraoperatório 1

death_30days	Óbito intraoperatório 1		Total
	0	1	
X1	71 (0%)	0 (0%)	71
NA.	15946 (100%)	7 (100%)	15953
Total	16017 (100%)	7 (100%)	16024

Table 102: Contingency table between death 30days and Tipo de Reoperação 2

death_30days	Tipo de Reoperação 2				Total
	1	2	3	NA	
X1	0 (0%)	2 (0%)	0 (0%)	69 (1%)	71
NA.	3260 (100%)	1491 (100%)	121 (100%)	11081 (99%)	15953
Total	3260 (100%)	1493 (100%)	121 (100%)	11150 (100%)	16024

Table 103: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 2

death_30days	Tipo de Dispositivo ao final do procedimento 2					Total
	1	2	3	4	NA	
X1	1 (0%)	1 (0%)	0 (0%)	0 (0%)	69 (1%)	71
NA.	3637 (100%)	644 (100%)	388 (100%)	203 (100%)	11081 (99%)	15953
Total	3638 (100%)	645 (100%)	388 (100%)	203 (100%)	11150 (100%)	16024

Table 104: Contingency table between death 30days and Óbito intraoperatório 2

death_30days	Óbito intraoperatório 2		Total
	0	NA	
X1	2 (0%)	69 (1%)	71
NA.	4879 (100%)	11074 (99%)	15953
Total	4881 (100%)	11143 (100%)	16024

Table 105: Contingency table between death 30days and Tipo de Reoperação 3

death_30days	Tipo de Reoperação 3				Total
	1	2	3	NA	
X1	0 (0%)	1 (0%)	0 (0%)	70 (0%)	71
NA.	724 (100%)	579 (100%)	62 (100%)	14588 (100%)	15953
Total	724 (100%)	580 (100%)	62 (100%)	14658 (100%)	16024

Table 106: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 3

death_30days	Tipo de Dispositivo ao final do procedimento 3					Total
	1	2	3	4	NA	
X1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	70 (0%)	71
NA.	967 (100%)	252 (100%)	160 (100%)	99 (100%)	14475 (100%)	15953
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14545 (100%)	16024

Table 107: Contingency table between death 30days and Óbito intraoperatório 3

death_30days	Óbito intraoperatório 3			Total
	0	1	NA	
X1	1 (0%)	0 (0%)	70 (0%)	71
NA.	1475 (100%)	4 (100%)	14474 (100%)	15953
Total	1476 (100%)	4 (100%)	14544 (100%)	16024

Table 108: Contingency table between death 30days and Tipo de Reoperação 4

death_30days	Tipo de Reoperação 4				Total
	1	2	3	NA	
X1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	192 (100%)	251 (100%)	33 (100%)	15477 (100%)	15953
Total	192 (100%)	251 (100%)	33 (100%)	15548 (100%)	16024

Table 109: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 4

death_30days	Tipo de Dispositivo ao final do procedimento 4					Total
	1	2	3	4	NA	
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15468 (100%)	15953
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15539 (100%)	16024

Table 110: Contingency table between death 30days and Óbito intraoperatório 4

	Óbito intraoperatório 4		Total
death_30days	0	NA	
X1	0 (0%)	71 (0%)	71
NA.	485 (100%)	15468 (100%)	15953
Total	485 (100%)	15539 (100%)	16024

Table 111: Contingency table between death 30days and Tipo de Reoperação 5

	Tipo de Reoperação 5				Total
death_30days	1	2	3	NA	
X1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	71 (100%)	106 (100%)	14 (100%)	15762 (100%)	15953
Total	71 (100%)	106 (100%)	14 (100%)	15833 (100%)	16024

Table 112: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 5

	Tipo de Dispositivo ao final do procedimento 5					Total
death_30days	1	2	3	4	NA	
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15762 (100%)	15953
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15833 (100%)	16024

Table 113: Contingency table between death 30days and Óbito intraoperatório 5

	Óbito intraoperatório 5		Total
death_30days	0	NA	
X1	0 (0%)	71 (0%)	71
NA.	192 (100%)	15761 (100%)	15953
Total	192 (100%)	15832 (100%)	16024

Table 114: Contingency table between death 30days and Tipo de Reoperação 6

	Tipo de Reoperação 6				Total
death_30days	1	2	3	NA	
X1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	26 (100%)	46 (100%)	6 (100%)	15875 (100%)	15953
Total	26 (100%)	46 (100%)	6 (100%)	15946 (100%)	16024

Table 115: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 6

death_30days	Tipo de Dispositivo ao final do procedimento 6					Total
	1	2	3	4	NA	
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15872 (100%)	15953
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15943 (100%)	16024

Table 116: Contingency table between death 30days and Óbito intraoperatório 6

death_30days	Óbito intraoperatório 6		Total
	0	NA	
X1	0 (0%)	71 (0%)	71
NA.	81 (100%)	15872 (100%)	15953
Total	81 (100%)	15943 (100%)	16024

Table 117: Contingency table between death 30days and Tipo de Reoperação 7

death_30days	Tipo de Reoperação 7				Total
	1	2	3	NA	
X1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	10 (100%)	18 (100%)	4 (100%)	15921 (100%)	15953
Total	10 (100%)	18 (100%)	4 (100%)	15992 (100%)	16024

Table 118: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 7

death_30days	Tipo de Dispositivo ao final do procedimento 7					Total
	1	2	3	4	NA	
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15922 (100%)	15953
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15993 (100%)	16024

Table 119: Contingency table between death 30days and Óbito intraoperatório 7

death_30days	Óbito intraoperatório 7		Total
	0	NA	
X1	0 (0%)	71 (0%)	71
NA.	32 (100%)	15921 (100%)	15953
Total	32 (100%)	15992 (100%)	16024

Table 120: Contingency table between death 30days and Tipo de Reoperação 8

| death_30days | Tipo de Reoperação 8 | | Total |
	TRUE	NA	
X1	0 (0%)	71 (0%)	71
NA.	12 (100%)	15941 (100%)	15953
Total	12 (100%)	16012 (100%)	16024

Table 121: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 8

| death_30days | Tipo de Dispositivo ao final do procedimento 8 | | Total |
	TRUE	NA	
X1	0 (0%)	71 (0%)	71
NA.	12 (100%)	15941 (100%)	15953
Total	12 (100%)	16012 (100%)	16024

Table 122: Contingency table between death 30days and Óbito intraoperatório 8

| death_30days | Óbito intraoperatório 8 | | Total |
	FALSE	NA	
X1	0 (0%)	71 (0%)	71
NA.	12 (100%)	15941 (100%)	15953
Total	12 (100%)	16012 (100%)	16024

Table 123: Contingency table between death 30days and Tipo de Reoperação 9

| death_30days | Tipo de Reoperação 9 | | Total |
	TRUE	NA	
X1	0 (0%)	71 (0%)	71
NA.	5 (100%)	15948 (100%)	15953
Total	5 (100%)	16019 (100%)	16024

Table 124: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 9

| death_30days | Tipo de Dispositivo ao final do procedimento 9 | | Total |
	TRUE	NA	
X1	0 (0%)	71 (0%)	71
NA.	5 (100%)	15948 (100%)	15953
Total	5 (100%)	16019 (100%)	16024

Table 125: Contingency table between death 30days and Óbito intraoperatório 9

| death_30days | Óbito intraoperatório 9 | | Total |
	FALSE	NA	
X1	0 (0%)	71 (0%)	71
NA.	5 (100%)	15948 (100%)	15953
Total	5 (100%)	16019 (100%)	16024

Table 126: Contingency table between death 30days and Tipo de Reoperação 10

| death_30days | Tipo de Reoperação 10 | | Total |
	TRUE	NA	
X1	0 (0%)	71 (0%)	71
NA.	1 (100%)	15952 (100%)	15953
Total	1 (100%)	16023 (100%)	16024

Table 127: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 10

| death_30days | Tipo de Dispositivo ao final do procedimento 10 | | Total |
	TRUE	NA	
X1	0 (0%)	71 (0%)	71
NA.	1 (100%)	15952 (100%)	15953
Total	1 (100%)	16023 (100%)	16024

Table 128: Contingency table between death 30days and Óbito intraoperatório 10

| death_30days | Óbito intraoperatório 10 | | Total |
	FALSE	NA	
X1	0 (0%)	71 (0%)	71
NA.	1 (100%)	15952 (100%)	15953
Total	1 (100%)	16023 (100%)	16024

Table 129: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2

| death_30days | Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2 | | | Total |
	0	1	NA	
X1	2 (0%)	0 (0%)	69 (1%)	71
NA.	4592 (100%)	280 (100%)	11081 (99%)	15953
Total	4594 (100%)	280 (100%)	11150 (100%)	16024

Table 130: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3

| death_30days | Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3 | | | Total |
	0	1	NA	
X1	0 (0%)	1 (1%)	70 (0%)	71
NA.	1385 (100%)	93 (99%)	14475 (100%)	15953
Total	1385 (100%)	94 (100%)	14545 (100%)	16024

Table 131: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4

| death_30days | Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4 | | | Total |
	0	1	NA	
X1	0 (0%)	0 (0%)	71 (0%)	71
NA.	457 (100%)	28 (100%)	15468 (100%)	15953
Total	457 (100%)	28 (100%)	15539 (100%)	16024

Table 132: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5

| death_30days | Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5 | | | Total |
	0	1	NA	
X1	0 (0%)	0 (0%)	71 (0%)	71
NA.	182 (100%)	9 (100%)	15762 (100%)	15953
Total	182 (100%)	9 (100%)	15833 (100%)	16024

Table 133: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6

| death_30days | Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6 | | | Total |
	0	1	NA	
X1	0 (0%)	0 (0%)	71 (0%)	71
NA.	74 (100%)	7 (100%)	15872 (100%)	15953
Total	74 (100%)	7 (100%)	15943 (100%)	16024

Table 134: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7

| death_30days | Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7 | | | Total |
	0	1	NA	
X1	0 (0%)	0 (0%)	71 (0%)	71
NA.	28 (100%)	3 (100%)	15922 (100%)	15953
Total	28 (100%)	3 (100%)	15993 (100%)	16024

Table 135: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8

| | Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8 | | | |
death_30days	FALSE	TRUE	NA	Total
X1	0 (0%)	0 (0%)	71 (0%)	71
NA.	11 (100%)	1 (100%)	15941 (100%)	15953
Total	11 (100%)	1 (100%)	16012 (100%)	16024

Table 136: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9

| | Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9 | | |
death_30days	FALSE	NA	Total
X1	0 (0%)	71 (0%)	71
NA.	5 (100%)	15948 (100%)	15953
Total	5 (100%)	16019 (100%)	16024

Table 137: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10

| | Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10 | | |
death_30days	FALSE	NA	Total
X1	0 (0%)	71 (0%)	71
NA.	1 (100%)	15952 (100%)	15953
Total	1 (100%)	16023 (100%)	16024

Table 138: Contingency table between death 30days and Diálise durante os episódios de hospitalização

| | Diálise durante os episódios de hospitalização | | |
death_30days	0	1	Total
X1	71 (0%)	0 (0%)	71
NA.	15892 (100%)	61 (100%)	15953
Total	15963 (100%)	61 (100%)	16024

Table 139: Contingency table between death 30days and UTI durante os episódios de hospitalização

| | UTI durante os episódios de hospitalização | | |
death_30days	0	1	Total
X1	45 (0%)	26 (1%)	71
NA.	12575 (100%)	3378 (99%)	15953
Total	12620 (100%)	3404 (100%)	16024

Table 140: Contingency table between death 30days and Admissão em até 180 dias antes da T0

death_30days	Admissão em até 180 dias antes da T0		Total
	0	1	
X1	57 (0%)	14 (1%)	71
NA.	14852 (100%)	1101 (99%)	15953
Total	14909 (100%)	1115 (100%)	16024

Table 141: Contingency table between death 30days and Readmissões pós-T0 com diálise

death_30days	Readmissões pós-T0 com diálise				Total
	0	1	2	3	
X1	71 (0%)	0 (0%)	0 (0%)	0 (0%)	71
NA.	15931 (100%)	19 (100%)	2 (100%)	1 (100%)	15953
Total	16002 (100%)	19 (100%)	2 (100%)	1 (100%)	16024

Table 142: Contingency table between death 30days and Desfecho principal da admissão T0

death_30days	Desfecho principal da admissão T0		Total
	0	1	
X1	71 (0%)	0 (0%)	71
NA.	15695 (100%)	258 (100%)	15953
Total	15766 (100%)	258 (100%)	16024

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

death_30days	Readmissão cirúrgica em até 30 dias		Total
	0	1	
X1	71 (0%)	0 (0%)	71
NA.	15816 (100%)	137 (100%)	15953
Total	15887 (100%)	137 (100%)	16024

Table 144: Contingency table between death 30days and Readmissão cirúrgica entre 31 a 60 dias

death_30days	Readmissão cirúrgica entre 31 a 60 dias		Total
	0	1	
X1	71 (0%)	0 (0%)	71
NA.	15860 (100%)	93 (100%)	15953
Total	15931 (100%)	93 (100%)	16024

Table 145: Contingency table between death 30days and Readmissão cirúgica entre 61 a 180 dias

death_30days	Readmissão cirúgica entre 61 a 180 dias		Total
	0	1	
X1	71 (0%)	0 (0%)	71
NA.	15804 (100%)	149 (100%)	15953
Total	15875 (100%)	149 (100%)	16024

Table 146: Contingency table between death 30days and Readmissão cirúrgica em até 1 ano

death_30days	Readmissão cirúrgica em até 1 ano		Total
	0	1	
X1	71 (0%)	0 (0%)	71
NA.	15821 (100%)	132 (100%)	15953
Total	15892 (100%)	132 (100%)	16024

Table 147: Contingency table between death 30days and Desfecho final do estudo

death_30days	Desfecho final do estudo			Total
	1	2	3	
X1	71 (3%)	0 (0%)	0 (0%)	71
NA.	2727 (97%)	7729 (100%)	5497 (100%)	15953
Total	2798 (100%)	7729 (100%)	5497 (100%)	16024

Table 148: Contingency table between death 30days and Ventilação mecânica / IOT

death_30days	Ventilação mecânica / IOT		Total
	1	NA	
X1	21 (1%)	50 (0%)	71
NA.	2963 (99%)	12990 (100%)	15953
Total	2984 (100%)	13040 (100%)	16024