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_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	8.175	0	0	230	24.883	237	48
NA	4.198	0	0	844	21.231	15787	3471

[1] “antihipertensivo”

Table 2: Antihipertensivo

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.661	0	0	45	4.656	237	48
NA	0.501	0	0	349	5.588	15787	3471

[1] “betabloqueador”

Table 3: Betabloqueador

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	1.206	0	0	41	5.078	237	48
NA	1.109	0	0	388	8.135	15787	3471

[1] “ieca_bra”

Table 4: IECA/BRA

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	16.640	0	5	266	33.753	237	48
NA	8.943	0	2	773	22.178	15787	3471

[1] “dva”

Table 5: DVA

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	8.058	0	0	239	26.442	237	48
NA	7.603	0	0	1917	47.384	15787	3471

[1] “digoxina”

Table 6: Digoxina

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.823	0	0	39	4.058	237	48
NA	0.228	0	0	50	1.620	15787	3471

[1] “estatina”

Table 7: Estatinas

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	11.677	0	0	227	27.419	237	48
NA	5.193	0	0	421	16.945	15787	3471

[1] “diuretico”

Table 8: Diuretico

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	16.087	0	3	558	49.827	237	48
NA	11.766	0	0	2966	70.426	15787	3471

[1] “vasodilatador”

Table 9: Vasodilator

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	21.931	0	0	709.0	73.393	237	48
NA	10.174	0	0	3820.5	64.397	15787	3471

[1] “insuf_cardiaca”

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

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	11.521	0	0	179	24.945	237	48
NA	4.549	0	0	453	16.985	15787	3471

[1] “espironolactona”

Table 11: Antagonista da Aldosterona (espironolactona)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	4.873	0	0	75	10.490	237	48
NA	2.114	0	0	255	8.321	15787	3471

[1] “bloq_calcio”

Table 12: Bloqueador do canal de calcio

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.788	0	0	139	10.133	237	48
NA	0.629	0	0	509	9.620	15787	3471

[1] “trombolitico”

Table 13: Trombolitico

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	48
NA	0.001	0	0	3	0.048	15787	3471

[1] “antiplaquetario_vo”

Table 14: Antiplaquetario VO

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0	0	0	0	0	237	48
NA	0	0	0	0	0	15787	3471

[1] “antiplaquetario_ev”

Table 15: Antiplaquetario EV

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.037	0	0	3	0.298	237	48
NA	0.011	0	0	8	0.176	15787	3471

[1] “insulina”

Table 16: Insulina

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.159	0	0	5	0.616	237	48
NA	0.102	0	0	16	0.500	15787	3471

[1] “hipoglicemiante”

Table 17: Hipoglicemiante

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.315	0	0	26	2.450	237	48
NA	0.354	0	0	90	2.823	15787	3471

[1] “hormonio_tireoidiano”

Table 18: Hormonio tireoidiano

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0	0	0	0	0	237	48
NA	0	0	0	0	0	15787	3471

[1] “broncodilatador”

Table 19: Broncodiltador

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0	0	0	0	0	237	48
NA	0	0	0	0	0	15787	3471

[1] “anticonvulsivante”

Table 20: Anticonvulsivante

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.635	0	0	54	4.658	237	48
NA	1.050	0	0	390	11.693	15787	3471

[1] “psicofarmacos”

Table 21: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	8.093	0	1	132	19.208	237	48
NA	3.990	0	0	573	14.632	15787	3471

[1] “atb”

Table 22: Antibióticos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	26.320	0	4	1137	104.426	237	48
NA	14.956	0	4	1812	62.951	15787	3471

[1] “antifungico”

Table 23: Antifúngicos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.275	0	0	19	2.093	237	48
NA	0.455	0	0	122	4.425	15787	3471

[1] “antiviral”

Table 24: Antiviral

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.021	0	0	4	0.291	237	48
NA	0.124	0	0	131	2.757	15787	3471

[1] “antiretroviral”

Table 25: Antiretroviral

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	48
NA	0.009	0	0	32	0.447	15787	3471

[1] “classe_meds_qtde”

Table 26: Quantidade de classes medicamentosas utilizadas

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	6.577	1	6	12	2.579	237	74
NA	4.781	1	4	17	2.577	15787	4940

[1] “classe_meds_cardio_qtde”

Table 27: Quantidade de classes medicamentosas de ação cardiovascular

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	4.248	1	4	9	1.893	237	80
NA	3.130	1	3	10	1.779	15787	6515

[1] “meds_cardiovasc_qtde”

Table 28: Quantidade de medicamentos de ação cardiovascular

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	90.765	0	30	1001.5	153.179	237	48
NA	51.814	0	10	8738.0	181.447	15787	3471

[1] “meds_antimicrobianos”

Table 29: Quantidade de antimicrobianos (antibióticos e antifúngicos)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	26.595	0	4	1137	104.480	237	48
NA	15.411	0	4	1812	64.752	15787	3471

[1] “vni”

Table 30: Ventilação não invasiva

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	35
NA	0.048	0	0	114	1.561	15787	2731

[1] “cec”

Table 31: Instalação de CEC

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.020	0	0	1	0.140	237	35
NA	0.013	0	0	2	0.114	15787	2731

[1] “cir_cardiovascular”

Table 32: Cirurgia Cardiovascular

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.059	0	0	3	0.340	237	35
NA	0.059	0	0	9	0.388	15787	2731

[1] “transplante_cardiaco”

Table 33: Transplante cardíaco

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	35
NA	0.002	0	0	1	0.041	15787	2731

[1] “cir_toracica”

Table 34: Cirurgia Toracica

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	35
NA	0.004	0	0	9	0.107	15787	2731

[1] “outros_proced_cirurgicos”

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

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.134	0	0	3	0.515	237	35
NA	0.116	0	0	22	0.584	15787	2731

[1] “traqueostomia”

Table 36: Traqueostomia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	35
NA	0.002	0	0	8	0.091	15787	2731

[1] “icp”

Table 37: Intervenção coronária percutânea

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.040	0	0	3	0.279	237	35
NA	0.011	0	0	4	0.135	15787	2731

[1] “intervencao_cv”

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

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.015	0	0	1	0.121	237	35
NA	0.007	0	0	3	0.116	15787	2731

[1] “stent”

Table 39: Stent

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0	0	0	0	0.000	237	35
NA	0	0	0	1	0.009	15787	2731

[1] “angioplastia”

Table 40: Angioplastia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.010	0	0	1	0.099	237	35
NA	0.001	0	0	2	0.041	15787	2731

[1] “cateterismo”

Table 41: Cateterismo

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.208	0	0	2	0.475	237	35
NA	0.125	0	0	7	0.408	15787	2731

[1] “eletrofisiologia”

Table 42: Eletrofisiologia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.134	0	0	3	0.553	237	35
NA	0.082	0	0	11	0.477	15787	2731

[1] “suporte_hemod”

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

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.629	0	0	127	8.936	237	35
NA	0.120	0	0	535	5.506	15787	2731

[1] “cateter_venoso_central”

Table 44: Cateter venoso central

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.04	0	0	2	0.219	237	35
NA	0.03	0	0	5	0.215	15787	2731

[1] “drenagem_torax”

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

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	35
NA	0.007	0	0	6	0.124	15787	2731

[1] “proced_invasivos_qtde”

Table 46: Quantidade de procedimentos invasivos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	1.287	0	0	128	9.091	237	35
NA	0.579	0	0	554	5.925	15787	2731

[1] “cve_desf”

Table 47: Cardioversão/ Desfibrilação (sessão)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	49
NA	0.007	0	0	5	0.128	15787	3555

[1] “transfusao”

Table 48: Transfusão de hemoderivados

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.035	0	0	3	0.271	237	35
NA	0.053	0	0	61	0.992	15787	2731

[1] “interconsulta”

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

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.297	0	0	15	1.555	237	35
NA	0.417	0	0	199	3.454	15787	2731

[1] “equipe_multiprof”

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

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	4.109	0	1	117	13.670	237	35
NA	3.506	0	0	420	15.505	15787	2731

[1] “ecg”

Table 51: ECG

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	5.530	0	3	55	6.611	237	35
NA	4.124	0	2	141	6.546	15787	2731

[1] “holter”

Table 52: Holter

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.163	0	0	2	0.409	237	35
NA	0.106	0	0	5	0.358	15787	2731

[1] “teste_esforco”

Table 53: Teste de esforço

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.005	0	0	1	0.070	237	35
NA	0.010	0	0	3	0.107	15787	2731

[1] “espiro_ergoespiro”

Table 54: Espirometria / Ergoespirometria

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.005	0	0	1	0.070	237	35
NA	0.004	0	0	2	0.069	15787	2731

[1] “tilt_teste”

Table 55: Tilt Test

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.005	0	0	1	0.07	237	35
NA	0.002	0	0	2	0.05	15787	2731

[1] “polissonografia”

Table 56: Polissonografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.005	0	0	1	0.070	237	35
NA	0.002	0	0	2	0.045	15787	2731

[1] “metodos_graficos_qtde”

Table 57: Quantidade de exames por métodos gráficos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	5.713	0	4	55	6.732	237	35
NA	4.249	0	2	143	6.675	15787	2731

[1] “laboratorio”

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

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	101.911	0	28.5	1357	181.757	237	35
NA	68.475	0	10.0	3608	203.694	15787	2731

[1] “cultura”

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

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.426	0	0	10	1.225	237	35
NA	0.370	0	0	48	1.582	15787	2731

[1] “analises_clinicas_qtde”

Table 60: Quantidade de exames de análises clínicas

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	102.337	0	28.5	1361	182.546	237	35
NA	68.845	0	10.0	3645	204.947	15787	2731

[1] “citologia”

Table 61: Citologias

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.005	0	0	1	0.070	237	35
NA	0.009	0	0	8	0.153	15787	2731

[1] “biopsia”

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

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	35
NA	0.016	0	0	10	0.259	15787	2731

[1] “histopatologia_qtde”

Table 63: Quantidade de exames histopatológicos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.005	0	0	1	0.070	237	35
NA	0.025	0	0	10	0.308	15787	2731

[1] “angio_rm”

Table 64: Angio RM

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	35
NA	0.004	0	0	4	0.086	15787	2731

[1] “angio_tc”

Table 65: Angio TC

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.050	0	0	3	0.278	237	35
NA	0.036	0	0	9	0.253	15787	2731

[1] “angiografia”

Table 66: Angiografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	35
NA	0.002	0	0	3	0.051	15787	2731

[1] “aortografia”

Table 67: Aortografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	35
NA	0.002	0	0	2	0.052	15787	2731

[1] “arteriografia”

Table 68: Arteriografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	35
NA	0.001	0	0	2	0.029	15787	2731

[1] “cavografia”

Table 69: Cavografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	35
NA	0.008	0	0	1	0.087	15787	2731

[1] “cintilografia”

Table 70: Cintilografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.178	0	0	4	0.588	237	35
NA	0.064	0	0	5	0.351	15787	2731

[1] “ecocardiograma”

Table 71: Ecocardiograma

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.728	0	0	6	1.133	237	35
NA	0.572	0	0	24	1.308	15787	2731

[1] “endoscopia”

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

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.035	0	0	2	0.252	237	35
NA	0.019	0	0	6	0.183	15787	2731

[1] “flebografia”

Table 73: Flebografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.064	0	0	3	0.361	237	35
NA	0.036	0	0	5	0.290	15787	2731

[1] “pet_ct”

Table 74: PET-CT

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.005	0	0	1	0.07	237	35
NA	0.006	0	0	3	0.08	15787	2731

[1] “ultrassom”

Table 75: Ultrassom

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.322	0	0	6	0.941	237	35
NA	0.197	0	0	28	0.910	15787	2731

[1] “tomografia”

Table 76: Tomografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.248	0	0	9	0.908	237	35
NA	0.174	0	0	15	0.712	15787	2731

[1] “radiografia”

Table 77: Radiografias

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	4.084	0	2	63	7.267	237	35
NA	3.366	0	2	261	8.927	15787	2731

[1] “ressonancia”

Table 78: Ressonancia magnetica

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.168	0	0	4	0.520	237	35
NA	0.072	0	0	6	0.303	15787	2731

[1] “exames_imagem_qtde”

Table 79: Quantidade de exames diagnóstico por imagem

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	5.881	0	2.5	69	9.139	237	35
NA	4.558	0	2.0	281	10.934	15787	2731

[1] “dieta_enteral”

Table 80: Dieta enteral (frasco)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.005	0	0	1	0.073	237	49
NA	0.069	0	0	195	2.732	15787	3557

[1] “dieta_parenteral”

Table 81: Dieta parenteral (frasco)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
1	0.000	0	0	0	0.000	237	49
NA	0.003	0	0	14	0.145	15787	3557

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 82: Contingency table between death 2year and Sexo

	Sexo		
death_2year	0	1	Total
X1	100 (1%)	137 (2%)	237
NA.	7464 (99%)	8323 (98%)	15787
Total	7564 (100%)	8460 (100%)	16024

Table 83: Contingency table between death 2year and Doença cardíaca

	Doença cardíaca				
death_2year	0	1	2	NA	Total
X1	131 (1%)	24 (2%)	48 (1%)	34 (2%)	237
NA.	9153 (99%)	1148 (98%)	3483 (99%)	2003 (98%)	15787
Total	9284 (100%)	1172 (100%)	3531 (100%)	2037 (100%)	16024

Table 84: Contingency table between death 2year and Hipertensão arterial

	Hipertensão arterial		
death_2year	0	1	Total
X1	194 (2%)	43 (1%)	237
NA.	11946 (98%)	3841 (99%)	15787
Total	12140 (100%)	3884 (100%)	16024

Table 85: Contingency table between death 2year and Infarto do miocárdio prévio / Doença arterial coronariana

	Infarto do miocárdio prévio / Doença arterial coronariana		
death_2year	0	1	Total
X1	213 (1%)	24 (2%)	237
NA.	14333 (99%)	1454 (98%)	15787
Total	14546 (100%)	1478 (100%)	16024

Table 86: Contingency table between death 2year and Insuficiência cardíaca

	Insuficiência cardíaca		
death_2year	0	1	Total
X1	105 (1%)	132 (2%)	237
NA.	10101 (99%)	5686 (98%)	15787
Total	10206 (100%)	5818 (100%)	16024

Table 87: Contingency table between death 2year and Fibrilação / flutter atrial

	Fibrilação / flutter atrial		
death_2year	0	1	Total
X1	195 (1%)	42 (2%)	237
NA.	13413 (99%)	2374 (98%)	15787
Total	13608 (100%)	2416 (100%)	16024

Table 88: Contingency table between death 2year and Parada cardíaca prévia/ Taquicardia ventricular instável

	Parada cardíaca prévia/ Taquicardia ventricular instável		
death_2year	0	1	Total
X1	207 (1%)	30 (2%)	237
NA.	13897 (99%)	1890 (98%)	15787
Total	14104 (100%)	1920 (100%)	16024

Table 89: Contingency table between death 2year and Transplante cardíaco prévio

	Transplante cardíaco prévio		
death_2year	0	1	Total
X1	237 (1%)	0 (0%)	237
NA.	15774 (99%)	13 (100%)	15787
Total	16011 (100%)	13 (100%)	16024

Table 90: Contingency table between death 2year and Valvopatias/ Prótese valvares

	Valvopatias/ Prótese valvares		
death_2year	0	1	Total
X1	216 (1%)	21 (2%)	237
NA.	14732 (99%)	1055 (98%)	15787
Total	14948 (100%)	1076 (100%)	16024

Table 91: Contingency table between death 2year and Endocardite prévia

	Endocardite prévia		
death_2year	0	1	Total
X1	234 (1%)	3 (2%)	237
NA.	15652 (99%)	135 (98%)	15787
Total	15886 (100%)	138 (100%)	16024

Table 92: Contingency table between death 2year and Diabetes melittus

	Diabetes melittus		
death_2year	0	1	Total
X1	211 (1%)	26 (1%)	237
NA.	13868 (99%)	1919 (99%)	15787
Total	14079 (100%)	1945 (100%)	16024

Table 93: Contingency table between death 2year and Insuficiência renal crônica

	Insuficiência renal crônica		
death_2year	0	1	Total
X1	224 (1%)	13 (2%)	237
NA.	15150 (99%)	637 (98%)	15787
Total	15374 (100%)	650 (100%)	16024

Table 94: Contingency table between death 2year and Hemodiálise

	Hemodiálise		
death_2year	0	1	Total
X1	237 (1%)	0 (0%)	237
NA.	15765 (99%)	22 (100%)	15787
Total	16002 (100%)	22 (100%)	16024

Table 95: Contingency table between death 2year and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios		
death_2year	0	1	Total
X1	227 (1%)	10 (2%)	237
NA.	15291 (99%)	496 (98%)	15787
Total	15518 (100%)	506 (100%)	16024

Table 96: Contingency table between death 2year and Doença pulmonar obstrutiva crônica

	Doença pulmonar obstrutiva crônica		
death_2year	0	1	Total
X1	235 (1%)	2 (1%)	237
NA.	15570 (99%)	217 (99%)	15787
Total	15805 (100%)	219 (100%)	16024

Table 97: Contingency table between death 2year and Neoplasia em tratamento ou tratada recentemente (12 meses)

	Neoplasia em tratamento ou tratada recentemente (12 meses)		
death_2year	0	1	Total
X1	236 (1%)	1 (1%)	237
NA.	15673 (99%)	114 (99%)	15787
Total	15909 (100%)	115 (100%)	16024

Table 98: Contingency table between death 2year and Tipo de Procedimento 1

	Tipo de Procedimento 1		
death_2year	1	2	Total
X1	186 (2%)	51 (1%)	237
NA.	10943 (98%)	4844 (99%)	15787
Total	11129 (100%)	4895 (100%)	16024

Table 99: Contingency table between death 2year and Tipo de Reoperação 1

	Tipo de Reoperação 1				
death_2year	1	2	3	NA	Total
X1	39 (1%)	12 (1%)	0 (0%)	186 (2%)	237
NA.	3889 (99%)	921 (99%)	34 (100%)	10943 (98%)	15787
Total	3928 (100%)	933 (100%)	34 (100%)	11129 (100%)	16024

Table 100: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 1

	Tipo de Dispositivo ao final do procedimento 1				
death_2year	1	2	3	4	Total
X1	136 (1%)	50 (3%)	35 (3%)	16 (3%)	237
NA.	12339 (99%)	1741 (97%)	1263 (97%)	444 (97%)	15787
Total	12475 (100%)	1791 (100%)	1298 (100%)	460 (100%)	16024

Table 101: Contingency table between death 2year and Óbito intraoperatório 1

	Óbito intraoperatório 1		
death_2year	0	1	Total
X1	237 (1%)	0 (0%)	237
NA.	15780 (99%)	7 (100%)	15787
Total	16017 (100%)	7 (100%)	16024

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

	Tipo de Reoperação 2				
death_2year	1	2	3	NA	Total
X1	3 (0%)	16 (1%)	2 (2%)	216 (2%)	237
NA.	3257 (100%)	1477 (99%)	119 (98%)	10934 (98%)	15787
Total	3260 (100%)	1493 (100%)	121 (100%)	11150 (100%)	16024

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

	Tipo de Dispositivo ao final do procedimento 2					
death_2year	1	2	3	4	NA	Total
X1	8 (0%)	3 (0%)	2 (1%)	8 (4%)	216 (2%)	237
NA.	3630 (100%)	642 (100%)	386 (99%)	195 (96%)	10934 (98%)	15787
Total	3638 (100%)	645 (100%)	388 (100%)	203 (100%)	11150 (100%)	16024

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

	Óbito intraoperatório 2		
death_2year	0	NA	Total
X1	21 (0%)	216 (2%)	237
NA.	4860 (100%)	10927 (98%)	15787
Total	4881 (100%)	11143 (100%)	16024

Table 105: Contingency table between death 2year and Tipo de Reoperação 3

	Tipo de Reoperação 3				
death_2year	1	2	3	NA	Total
X1	0 (0%)	5 (1%)	0 (0%)	232 (2%)	237
NA.	724 (100%)	575 (99%)	62 (100%)	14426 (98%)	15787
Total	724 (100%)	580 (100%)	62 (100%)	14658 (100%)	16024

Table 106: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 3

	Tipo de Dispositivo ao final do procedimento 3					
death_2year	1	2	3	4	NA	Total
X1	2 (0%)	1 (0%)	0 (0%)	2 (2%)	232 (2%)	237
NA.	966 (100%)	251 (100%)	160 (100%)	97 (98%)	14313 (98%)	15787
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14545 (100%)	16024

Table 107: Contingency table between death 2year and Óbito intraoperatório 3

	Óbito intraoperatório 3			
death_2year	0	1	NA	Total
X1	5 (0%)	0 (0%)	232 (2%)	237
NA.	1471 (100%)	4 (100%)	14312 (98%)	15787
Total	1476 (100%)	4 (100%)	14544 (100%)	16024

Table 108: Contingency table between death 2year and Tipo de Reoperação 4

	Tipo de Reoperação 4				
death_2year	1	2	3	NA	Total
X1	0 (0%)	0 (0%)	0 (0%)	237 (2%)	237
NA.	192 (100%)	251 (100%)	33 (100%)	15311 (98%)	15787
Total	192 (100%)	251 (100%)	33 (100%)	15548 (100%)	16024

Table 109: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 4

	Tipo de Dispositivo ao final do procedimento 4					
death_2year	1	2	3	4	NA	Total
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	237 (2%)	237
NA.	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15302 (98%)	15787
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15539 (100%)	16024

Table 110: Contingency table between death 2year and Óbito intraoperatório 4

	Óbito intraoperatório 4		
death_2year	0	NA	Total
X1	0 (0%)	237 (2%)	237
NA.	485 (100%)	15302 (98%)	15787
Total	485 (100%)	15539 (100%)	16024

Table 111: Contingency table between death 2year and Tipo de Reoperação 5

	Tipo de Reoperação 5				
death_2year	1	2	3	NA	Total
X1	0 (0%)	0 (0%)	0 (0%)	237 (1%)	237
NA.	71 (100%)	106 (100%)	14 (100%)	15596 (99%)	15787
Total	71 (100%)	106 (100%)	14 (100%)	15833 (100%)	16024

Table 112: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 5

	Tipo de Dispositivo ao final do procedimento 5					
death_2year	1	2	3	4	NA	Total
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	237 (1%)	237
NA.	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15596 (99%)	15787
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15833 (100%)	16024

Table 113: Contingency table between death 2year and Óbito intraoperatório 5

	Óbito intraoperatório 5		
death_2year	0	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	192 (100%)	15595 (99%)	15787
Total	192 (100%)	15832 (100%)	16024

Table 114: Contingency table between death 2year and Tipo de Reoperação 6

	Tipo de Reoperação 6				
death_2year	1	2	3	NA	Total
X1	0 (0%)	0 (0%)	0 (0%)	237 (1%)	237
NA.	26 (100%)	46 (100%)	6 (100%)	15709 (99%)	15787
Total	26 (100%)	46 (100%)	6 (100%)	15946 (100%)	16024

Table 115: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 6

	Tipo de Dispositivo ao final do procedimento 6					
death_2year	1	2	3	4	NA	Total
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	237 (1%)	237
NA.	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15706 (99%)	15787
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15943 (100%)	16024

Table 116: Contingency table between death 2year and Óbito intraoperatório 6

	Óbito intraoperatório 6		
death_2year	0	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	81 (100%)	15706 (99%)	15787
Total	81 (100%)	15943 (100%)	16024

Table 117: Contingency table between death 2year and Tipo de Reoperação 7

	Tipo de Reoperação 7				
death_2year	1	2	3	NA	Total
X1	0 (0%)	0 (0%)	0 (0%)	237 (1%)	237
NA.	10 (100%)	18 (100%)	4 (100%)	15755 (99%)	15787
Total	10 (100%)	18 (100%)	4 (100%)	15992 (100%)	16024

Table 118: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 7

	Tipo de Dispositivo ao final do procedimento 7					
death_2year	1	2	3	4	NA	Total
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	237 (1%)	237
NA.	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15756 (99%)	15787
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15993 (100%)	16024

Table 119: Contingency table between death 2year and Óbito intraoperatório 7

	Óbito intraoperatório 7		
death_2year	0	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	32 (100%)	15755 (99%)	15787
Total	32 (100%)	15992 (100%)	16024

Table 120: Contingency table between death 2year and Tipo de Reoperação 8

	Tipo de Reoperação 8		
death_2year	TRUE	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	12 (100%)	15775 (99%)	15787
Total	12 (100%)	16012 (100%)	16024

Table 121: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 8

	Tipo de Dispositivo ao final do procedimento 8		
death_2year	TRUE	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	12 (100%)	15775 (99%)	15787
Total	12 (100%)	16012 (100%)	16024

Table 122: Contingency table between death 2year and Óbito intraoperatório 8

	Óbito intraoperatório 8		
death_2year	FALSE	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	12 (100%)	15775 (99%)	15787
Total	12 (100%)	16012 (100%)	16024

Table 123: Contingency table between death 2year and Tipo de Reoperação 9

	Tipo de Reoperação 9		
death_2year	TRUE	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	5 (100%)	15782 (99%)	15787
Total	5 (100%)	16019 (100%)	16024

Table 124: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 9

	Tipo de Dispositivo ao final do procedimento 9		
death_2year	TRUE	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	5 (100%)	15782 (99%)	15787
Total	5 (100%)	16019 (100%)	16024

Table 125: Contingency table between death 2year and Óbito intraoperatório 9

	Óbito intraoperatório 9		
death_2year	FALSE	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	5 (100%)	15782 (99%)	15787
Total	5 (100%)	16019 (100%)	16024

Table 126: Contingency table between death 2year and Tipo de Reoperação 10

	Tipo de Reoperação 10		
death_2year	TRUE	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	1 (100%)	15786 (99%)	15787
Total	1 (100%)	16023 (100%)	16024

Table 127: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 10

	Tipo de Dispositivo ao final do procedimento 10		
death_2year	TRUE	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	1 (100%)	15786 (99%)	15787
Total	1 (100%)	16023 (100%)	16024

Table 128: Contingency table between death 2year and Óbito intraoperatório 10

	Óbito intraoperatório 10		
death_2year	FALSE	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	1 (100%)	15786 (99%)	15787
Total	1 (100%)	16023 (100%)	16024

Table 129: Contingency table between death 2year 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_2year	0	1	NA	Total
X1	12 (0%)	9 (3%)	216 (2%)	237
NA.	4582 (100%)	271 (97%)	10934 (98%)	15787
Total	4594 (100%)	280 (100%)	11150 (100%)	16024

Table 130: Contingency table between death 2year 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_2year	0	1	NA	Total
X1	5 (0%)	0 (0%)	232 (2%)	237
NA.	1380 (100%)	94 (100%)	14313 (98%)	15787
Total	1385 (100%)	94 (100%)	14545 (100%)	16024

Table 131: Contingency table between death 2year 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_2year	0	1	NA	Total
X1	0 (0%)	0 (0%)	237 (2%)	237
NA.	457 (100%)	28 (100%)	15302 (98%)	15787
Total	457 (100%)	28 (100%)	15539 (100%)	16024

Table 132: Contingency table between death 2year 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_2year	0	1	NA	Total
X1	0 (0%)	0 (0%)	237 (1%)	237
NA.	182 (100%)	9 (100%)	15596 (99%)	15787
Total	182 (100%)	9 (100%)	15833 (100%)	16024

Table 133: Contingency table between death 2year 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_2year	0	1	NA	Total
X1	0 (0%)	0 (0%)	237 (1%)	237
NA.	74 (100%)	7 (100%)	15706 (99%)	15787
Total	74 (100%)	7 (100%)	15943 (100%)	16024

Table 134: Contingency table between death 2year 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_2year	0	1	NA	Total
X1	0 (0%)	0 (0%)	237 (1%)	237
NA.	28 (100%)	3 (100%)	15756 (99%)	15787
Total	28 (100%)	3 (100%)	15993 (100%)	16024

Table 135: Contingency table between death 2year 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_2year	FALSE	TRUE	NA	Total
X1	0 (0%)	0 (0%)	237 (1%)	237
NA.	11 (100%)	1 (100%)	15775 (99%)	15787
Total	11 (100%)	1 (100%)	16012 (100%)	16024

Table 136: Contingency table between death 2year 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_2year	FALSE	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	5 (100%)	15782 (99%)	15787
Total	5 (100%)	16019 (100%)	16024

Table 137: Contingency table between death 2year 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_2year	FALSE	NA	Total
X1	0 (0%)	237 (1%)	237
NA.	1 (100%)	15786 (99%)	15787
Total	1 (100%)	16023 (100%)	16024

Table 138: Contingency table between death 2year and Diálise durante os episódios de hospitalização

	Diálise durante os episódios de hospitalização		
death_2year	0	1	Total
X1	235 (1%)	2 (3%)	237
NA.	15728 (99%)	59 (97%)	15787
Total	15963 (100%)	61 (100%)	16024

Table 139: Contingency table between death 2year and UTI durante os episódios de hospitalização

	UTI durante os episódios de hospitalização		
death_2year	0	1	Total
X1	153 (1%)	84 (2%)	237
NA.	12467 (99%)	3320 (98%)	15787
Total	12620 (100%)	3404 (100%)	16024

Table 140: Contingency table between death 2year and Admissão em até 180 dias antes da T0

	Admissão em até 180 dias antes da T0		
death_2year	0	1	Total
X1	195 (1%)	42 (4%)	237
NA.	14714 (99%)	1073 (96%)	15787
Total	14909 (100%)	1115 (100%)	16024

Table 141: Contingency table between death 2year and Readmissões pós-T0 com diálise

	Readmissões pós-T0 com diálise				
death_2year	0	1	2	3	Total
X1	236 (1%)	0 (0%)	1 (50%)	0 (0%)	237
NA.	15766 (99%)	19 (100%)	1 (50%)	1 (100%)	15787
Total	16002 (100%)	19 (100%)	2 (100%)	1 (100%)	16024

Table 142: Contingency table between death 2year and Desfecho principal da admissão T0

	Desfecho principal da admissão T0		
death_2year	0	1	Total
X1	237 (2%)	0 (0%)	237
NA.	15529 (98%)	258 (100%)	15787
Total	15766 (100%)	258 (100%)	16024

Table 143: Contingency table between death 2year and Readmissão cirúrgica em até 30 dias

	Readmissão cirúrgica em até 30 dias		
death_2year	0	1	Total
X1	237 (1%)	0 (0%)	237
NA.	15650 (99%)	137 (100%)	15787
Total	15887 (100%)	137 (100%)	16024

Table 144: Contingency table between death 2year and Readmissão cirúrgica entre 31 a 60 dias

	Readmissão cirúrgica entre 31 a 60 dias		
death_2year	0	1	Total
X1	237 (1%)	0 (0%)	237
NA.	15694 (99%)	93 (100%)	15787
Total	15931 (100%)	93 (100%)	16024

Table 145: Contingency table between death 2year and Readmissão cirúgica entre 61 a 180 dias

	Readmissão cirúgica entre 61 a 180 dias		
death_2year	0	1	Total
X1	235 (1%)	2 (1%)	237
NA.	15640 (99%)	147 (99%)	15787
Total	15875 (100%)	149 (100%)	16024

Table 146: Contingency table between death 2year and Readmissão cirúrgica em até 1 ano

	Readmissão cirúrgica em até 1 ano		
death_2year	0	1	Total
X1	231 (1%)	6 (5%)	237
NA.	15661 (99%)	126 (95%)	15787
Total	15892 (100%)	132 (100%)	16024

Table 147: Contingency table between death 2year and Desfecho final do estudo

	Desfecho final do estudo			
death_2year	1	2	3	Total
X1	237 (8%)	0 (0%)	0 (0%)	237
NA.	2561 (92%)	7729 (100%)	5497 (100%)	15787
Total	2798 (100%)	7729 (100%)	5497 (100%)	16024

Table 148: Contingency table between death 2year and Ventilação mecânica / IOT

	Ventilação mecânica / IOT		
death_2year	1	NA	Total
X1	62 (2%)	175 (1%)	237
NA.	2922 (98%)	12865 (99%)	15787
Total	2984 (100%)	13040 (100%)	16024