Tables

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Imports

```r
library(tidyverse)
library(yaml)
library(kableExtra)
```

Loading data

```r
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

```r
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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.379	0	0	575	17.381	14012	3093
1	10.314	0	0	844	38.138	2012	426

[1] "antihipertensivo"

Table 2: Antihipertensivo

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.469	0	0	349	5.465	14012	3093
1	0.738	0	0	160	6.277	2012	426

[1] "betabloqueador"

Table 3: Betabloqueador

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.925	0	0	288	6.385	14012	3093
1	2.387	0	0	388	15.315	2012	426

[1] "ieca_bra"

Table 4: IECA/BRA

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	8.347	0	2	773	21.280	14012	3093
1	13.960	0	4	332	28.585	2012	426

[1] "dva"

Table 5: DVA

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.834	0	0	1917	46.196	14012	3093
1	12.949	0	0	1044	52.872	2012	426

[1] "digoxina"

Table 6: Digoxina

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.194	0	0	50	1.471	14012	3093
1	0.532	0	0	47	2.716	2012	426

[1] "estatina"

Table 7: Estatinas

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.665	0	0	421	15.317	14012	3093
1	9.600	0	0	413	26.224	2012	426

[1] "diuretico"

Table 8: Diuretico

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	10.204	0	0	2966	65.775	14012	3093
1	23.033	0	2	1290	94.279	2012	426

[1] "vasodilatador"

Table 9: Vasodilator

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	8.179	0	0	3820.5	56.530	14012	3093
1	25.306	0	0	2408.0	102.991	2012	426

[1] "insuf_cardiaca"

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.904	0	0	426	15.234	14012	3093
1	9.822	0	0	453	26.302	2012	426

[1] "espironolactona"

Table 11: Antagonista da Aldosterona (espironolactona)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.754	0	0	255	7.186	14012	3093
1	4.921	0	0	162	13.691	2012	426

[1] "bloq_calcio"

Table 12: Bloqueador do canal de calcio

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.29	0	0	254	4.704	14012	3093
1	2.98	0	0	509	23.926	2012	426

[1] "trombolitico"

Table 13: Trombolitico

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.049	14012	3093
1	0.001	0	0	1	0.035	2012	426

[1] "antiplaquetario_vo"

Table 14: Antiplaquetario VO

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	14012	3093
1	0	0	0	0	0	2012	426

[1] "antiplaquetario_ev"

Table 15: Antiplaquetario EV

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	8	0.165	14012	3093
1	0.027	0	0	5	0.256	2012	426

[1] "insulina"

Table 16: Insulina

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.097	0	0	16	0.491	14012	3093
1	0.142	0	0	7	0.566	2012	426

[1] "hipoglicemiante"

Table 17: Hipoglicemiante

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.329	0	0	79	2.544	14012	3093
1	0.518	0	0	90	4.247	2012	426

[1] "hormonio_tireoidiano"

Table 18: Hormonio tireoidiano

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	14012	3093
1	0	0	0	0	0	2012	426

[1] "broncodilatador"

Table 19: Broncodiltador

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	14012	3093
1	0	0	0	0	0	2012	426

[1] "anticonvulsivante"

Table 20: Anticonvulsivante

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.788	0	0	334	8.926	14012	3093
1	2.799	0	0	390	22.641	2012	426

[1] "psicofarmacos"

Table 21: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.511	0	0.00	573	13.512	14012	3093
1	7.779	0	0.75	251	20.873	2012	426

[1] "atb"

Table 22: Antibióticos

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	13.918	0	4	1812	61.559	14012	3093
1	23.452	0	4	1459	76.913	2012	426

[1] "antifungico"

Table 23: Antifúngicos

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.415	0	0	122	4.333	14012	3093
1	0.710	0	0	99	4.823	2012	426

[1] "antiviral"

Table 24: Antiviral

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.055	0	0	86	1.612	14012	3093
1	0.584	0	0	131	6.397	2012	426

[1] "antiretroviral"

Table 25: Antiretroviral

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	32	0.432	14012	3093
1	0.017	0	0	20	0.518	2012	426

[1] "classe_meds_qtde"

Table 26: Quantidade de classes medicamentosas utilizadas

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.615	1	4	17	2.493	14012	4394
1	6.137	1	6	16	2.814	2012	620

[1] "classe_meds_cardio_qtde"

Table 27: Quantidade de classes medicamentosas de ação cardiovascular

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.021	1	3	10	1.719	14012	5894
1	3.934	1	4	10	1.984	2012	701

[1] "meds_cardiovasc_qtde"

Table 28: Quantidade de medicamentos de ação cardiovascular

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	44.480	0	9.00	8738	164.087	14012	3093
1	106.943	0	23.25	5140	264.366	2012	426

[1] "meds_antimicrobianos"

Table 29: Quantidade de antimicrobianos (antibióticos e antifúngicos)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	14.333	0	4	1812	63.253	14012	3093
1	24.161	0	4	1459	79.004	2012	426

[1] "vni"

Table 30: Ventilação não invasiva

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.054	0	0	114	1.658	14012	2437
1	0.001	0	0	2	0.049	2012	329

[1] "cec"

Table 31: Instalação de CEC

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	2	0.106	14012	2437
1	0.026	0	0	1	0.160	2012	329

[1] "cir_cardiovascular"

Table 32: Cirurgia Cardiovascular

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.057	0	0	9	0.378	14012	2437
1	0.071	0	0	6	0.448	2012	329

[1] "transplante_cardiaco"

Table 33: Transplante cardíaco

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	1	0.016	14012	2437
1	0.011	0	0	1	0.106	2012	329

[1] "cir_toracica"

Table 34: Cirurgia Toracica

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	9	0.107	14012	2437
1	0.006	0	0	2	0.097	2012	329

[1] "outros_proced_cirurgicos"

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.106	0	0	22	0.556	14012	2437
1	0.191	0	0	9	0.740	2012	329

[1] "traqueostomia"

Table 36: Traqueostomia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	8	0.084	14012	2437
1	0.004	0	0	5	0.127	2012	329

[1] "icp"

Table 37: Intervenção coronária percutânea

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	4	0.120	14012	2437
1	0.028	0	0	4	0.228	2012	329

[1] "intervencao_cv"

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	3	0.114	14012	2437
1	0.012	0	0	2	0.128	2012	329

[1] "stent"

Table 39: Stent

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	1	0.009	14012	2437
1	0	0	0	0	0.000	2012	329

[1] "angioplastia"

Table 40: Angioplastia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.038	14012	2437
1	0.004	0	0	1	0.064	2012	329

[1] "cateterismo"

Table 41: Cateterismo

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.112	0	0	4	0.380	14012	2437
1	0.223	0	0	7	0.559	2012	329

[1] "eletrofisiologia"

Table 42: Eletrofisiologia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.072	0	0	11	0.449	14012	2437
1	0.156	0	0	7	0.641	2012	329

[1] "suporte_hemod"

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.048	0	0	152	2.101	14012	2437
1	0.672	0	0	535	14.634	2012	329

[1] "cateter_venoso_central"

Table 44: Cateter venoso central

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.024	0	0	5	0.183	14012	2437
1	0.077	0	0	4	0.362	2012	329

[1] "drenagem_torax"

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	6	0.119	14012	2437
1	0.009	0	0	4	0.148	2012	329

[1] "proced_invasivos_qtde"

Table 46: Quantidade de procedimentos invasivos

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.459	0	0	159	2.576	14012	2437
1	1.491	0	0	554	15.358	2012	329

[1] "cve_desf"

Table 47: Cardioversão/ Desfibrilação (sessão)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	5	0.113	14012	3166
1	0.017	0	0	4	0.198	2012	438

[1] "transfusao"

Table 48: Transfusão de hemoderivados

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.049	0	0	61	1.013	14012	2437
1	0.078	0	0	18	0.764	2012	329

[1] "interconsulta"

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.357	0	0	115	2.747	14012	2437
1	0.809	0	0	199	6.388	2012	329

[1] "equipe_multiprof"

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.107	0	0	420	14.343	14012	2437
1	6.326	0	1	328	21.530	2012	329

[1] "ecg"

Table 51: ECG

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.848	0	2	141	6.026	14012	2437
1	6.187	0	3	140	9.132	2012	329

[1] "holter"

Table 52: Holter

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.094	0	0	5	0.338	14012	2437
1	0.195	0	0	5	0.464	2012	329

[1] "teste_esforco"

Table 53: Teste de esforço

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.010	0	0	3	0.102	14012	2437
1	0.015	0	0	2	0.133	2012	329

[1] "espiro_ergoespiro"

Table 54: Espirometria / Ergoespirometria

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	2	0.062	14012	2437
1	0.011	0	0	1	0.103	2012	329

[1] "tilt_teste"

Table 55: Tilt Test

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.047	14012	2437
1	0.005	0	0	1	0.069	2012	329

[1] "polissonografia"

Table 56: Polissonografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.042	14012	2437
1	0.003	0	0	2	0.064	2012	329

[1] "metodos_graficos_qtde"

Table 57: Quantidade de exames por métodos gráficos

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.959	0	2	143	6.148	14012	2437
1	6.416	0	4	140	9.280	2012	329

[1] "laboratorio"

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	60.775	0	9	3608	185.945	14012	2437
1	125.445	0	28	3474	290.772	2012	329

[1] "cultura"

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.337	0	0	48	1.544	14012	2437
1	0.600	0	0	19	1.775	2012	329

[1] "analises_clinicas_qtde"

Table 60: Quantidade de exames de análises clínicas

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	61.113	0	9	3645	187.162	14012	2437
1	126.045	0	28	3487	292.236	2012	329

[1] "citologia"

Table 61: Citologias

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	8	0.143	14012	2437
1	0.020	0	0	4	0.199	2012	329

[1] "biopsia"

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	4	0.111	14012	2437
1	0.086	0	0	10	0.655	2012	329

[1] "histopatologia_qtde"

Table 63: Quantidade de exames histopatológicos

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.013	0	0	8	0.182	14012	2437
1	0.106	0	0	10	0.710	2012	329

[1] "angio_rm"

Table 64: Angio RM

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	3	0.068	14012	2437
1	0.012	0	0	4	0.158	2012	329

[1] "angio_tc"

Table 65: Angio TC

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.033	0	0	9	0.240	14012	2437
1	0.059	0	0	5	0.331	2012	329

[1] "angiografia"

Table 66: Angiografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.052	14012	2437
1	0.002	0	0	1	0.042	2012	329

[1] "aortografia"

Table 67: Aortografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.047	14012	2437
1	0.004	0	0	2	0.073	2012	329

[1] "arteriografia"

Table 68: Arteriografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	1	0.019	14012	2437
1	0.003	0	0	2	0.064	2012	329

[1] "cavografia"

Table 69: Cavografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	1	0.086	14012	2437
1	0.008	0	0	1	0.088	2012	329

[1] "cintilografia"

Table 70: Cintilografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.057	0	0	5	0.332	14012	2437
1	0.130	0	0	4	0.489	2012	329

[1] "ecocardiograma"

Table 71: Ecocardiograma

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.514	0	0	24	1.104	14012	2437
1	0.986	0	0	24	2.203	2012	329

[1] "endoscopia"

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.015	0	0	6	0.164	14012	2437
1	0.047	0	0	4	0.286	2012	329

[1] "flebografia"

Table 73: Flebografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.034	0	0	5	0.280	14012	2437
1	0.051	0	0	5	0.357	2012	329

[1] "pet_ct"

Table 74: PET-CT

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	3	0.076	14012	2437
1	0.009	0	0	2	0.100	2012	329

[1] "ultrassom"

Table 75: Ultrassom

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.168	0	0	28	0.834	14012	2437
1	0.414	0	0	14	1.298	2012	329

[1] "tomografia"

Table 76: Tomografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.153	0	0	15	0.656	14012	2437
1	0.325	0	0	12	1.027	2012	329

[1] "radiografia"

Table 77: Radiografias

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.105	0	1	261	8.212	14012	2437
1	5.245	0	2	192	12.526	2012	329

[1] "ressonancia"

Table 78: Ressonancia magnetica

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.063	0	0	6	0.284	14012	2437
1	0.144	0	0	4	0.429	2012	329

[1] "exames_imagem_qtde"

Table 79: Quantidade de exames diagnóstico por imagem

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.162	0	2	281	9.983	14012	2437
1	7.438	0	3	232	15.586	2012	329

[1] "dieta_enteral"

Table 80: Dieta enteral (frasco)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.055	0	0	195	2.456	14012	3168
1	0.159	0	0	115	4.059	2012	438

[1] "dieta_parenteral"

Table 81: Dieta parenteral (frasco)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	14	0.143	14012	3168
1	0.006	0	0	5	0.149	2012	438

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)
}
```

```r
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 readmission 1year and Sexo

readmission__1year	Sexo		Total
	0	1	
0	6715 (89%)	7297 (86%)	14012
1	849 (11%)	1163 (14%)	2012
Total	7564 (100%)	8460 (100%)	16024

Table 83: Contingency table between readmission 1year and Doença cardíaca

readmission__1year	Doença cardíaca				Total
	0	1	2	NA	
0	8212 (88%)	967 (83%)	3028 (86%)	1805 (89%)	14012
1	1072 (12%)	205 (17%)	503 (14%)	232 (11%)	2012
Total	9284 (100%)	1172 (100%)	3531 (100%)	2037 (100%)	16024

Table 84: Contingency table between readmission 1year and Hipertensão arterial

readmission__1year	Hipertensão arterial		Total
	0	1	
0	10607 (87%)	3405 (88%)	14012
1	1533 (13%)	479 (12%)	2012
Total	12140 (100%)	3884 (100%)	16024

Table 85: Contingency table between readmission 1year and Infarto do miocárdio prévio / Doença arterial coronariana

readmission_1year	Infarto do miocárdio prévio / Doença arterial coronariana		Total
	0	1	
0	12787 (88%)	1225 (83%)	14012
1	1759 (12%)	253 (17%)	2012
Total	14546 (100%)	1478 (100%)	16024

Table 86: Contingency table between readmission 1year and Insuficiência cardíaca

readmission_1year	Insuficiência cardíaca		Total
	0	1	
0	9202 (90%)	4810 (83%)	14012
1	1004 (10%)	1008 (17%)	2012
Total	10206 (100%)	5818 (100%)	16024

Table 87: Contingency table between readmission 1year and Fibrilação / flutter atrial

readmission_1year	Fibrilação / flutter atrial		Total
	0	1	
0	11956 (88%)	2056 (85%)	14012
1	1652 (12%)	360 (15%)	2012
Total	13608 (100%)	2416 (100%)	16024

Table 88: Contingency table between readmission 1year and Parada cardíaca prévia/ Taquicardia ventricular instável

readmission_1year	Parada cardíaca prévia/ Taquicardia ventricular instável		Total
	0	1	
0	12392 (88%)	1620 (84%)	14012
1	1712 (12%)	300 (16%)	2012
Total	14104 (100%)	1920 (100%)	16024

Table 89: Contingency table between readmission 1year and Transplante cardíaco prévio

readmission_1year	Transplante cardíaco prévio		Total
	0	1	
0	14006 (87%)	6 (46%)	14012
1	2005 (13%)	7 (54%)	2012
Total	16011 (100%)	13 (100%)	16024

Table 90: Contingency table between readmission 1year and Valvopatias/ Prótese valvares

| readmission_1year | Valvopatias/ Prótese valvares | | Total |
	0	1	
0	13118 (88%)	894 (83%)	14012
1	1830 (12%)	182 (17%)	2012
Total	14948 (100%)	1076 (100%)	16024

Table 91: Contingency table between readmission 1year and Endocardite prévia

| readmission_1year | Endocardite prévia | | Total |
	0	1	
0	13899 (87%)	113 (82%)	14012
1	1987 (13%)	25 (18%)	2012
Total	15886 (100%)	138 (100%)	16024

Table 92: Contingency table between readmission 1year and Diabetes melittus

| readmission_1year | Diabetes melittus | | Total |
	0	1	
0	12351 (88%)	1661 (85%)	14012
1	1728 (12%)	284 (15%)	2012
Total	14079 (100%)	1945 (100%)	16024

Table 93: Contingency table between readmission 1year and Insuficiência renal crônica

| readmission_1year | Insuficiência renal crônica | | Total |
	0	1	
0	13471 (88%)	541 (83%)	14012
1	1903 (12%)	109 (17%)	2012
Total	15374 (100%)	650 (100%)	16024

Table 94: Contingency table between readmission 1year and Hemodiálise

| readmission_1year | Hemodiálise | | Total |
	0	1	
0	13997 (87%)	15 (68%)	14012
1	2005 (13%)	7 (32%)	2012
Total	16002 (100%)	22 (100%)	16024

Table 95: Contingency table between readmission 1year and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

| | Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios | | |
readmission_1year	0	1	Total
0	13578 (87%)	434 (86%)	14012
1	1940 (13%)	72 (14%)	2012
Total	15518 (100%)	506 (100%)	16024

Table 96: Contingency table between readmission 1year and Doença pulmonar obstrutiva crônica

| | Doença pulmonar obstrutiva crônica | | |
readmission_1year	0	1	Total
0	13829 (87%)	183 (84%)	14012
1	1976 (13%)	36 (16%)	2012
Total	15805 (100%)	219 (100%)	16024

Table 97: Contingency table between readmission 1year and Neoplasia em tratamento ou tratada recentemente (12 meses)

| | Neoplasia em tratamento ou tratada recentemente (12 meses) | | |
readmission_1year	0	1	Total
0	13915 (87%)	97 (84%)	14012
1	1994 (13%)	18 (16%)	2012
Total	15909 (100%)	115 (100%)	16024

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

| | Tipo de Procedimento 1 | | |
readmission_1year	1	2	Total
0	9512 (85%)	4500 (92%)	14012
1	1617 (15%)	395 (8%)	2012
Total	11129 (100%)	4895 (100%)	16024

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

| | Tipo de Reoperação 1 | | | | |
readmission_1year	1	2	3	NA	Total
0	3656 (93%)	816 (87%)	28 (82%)	9512 (85%)	14012
1	272 (7%)	117 (13%)	6 (18%)	1617 (15%)	2012
Total	3928 (100%)	933 (100%)	34 (100%)	11129 (100%)	16024

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

readmission_1year	Tipo de Dispositivo ao final do procedimento 1				Total
	1	2	3	4	
0	11195 (90%)	1424 (80%)	1056 (81%)	337 (73%)	14012
1	1280 (10%)	367 (20%)	242 (19%)	123 (27%)	2012
Total	12475 (100%)	1791 (100%)	1298 (100%)	460 (100%)	16024

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

readmission_1year	Óbito intraoperatório 1		Total
	0	1	
0	14005 (87%)	7 (100%)	14012
1	2012 (13%)	0 (0%)	2012
Total	16017 (100%)	7 (100%)	16024

Table 102: Contingency table between readmission 1year and Tipo de Reoperação 2

readmission_1year	Tipo de Reoperação 2				Total
	1	2	3	NA	
0	3054 (94%)	978 (66%)	45 (37%)	9935 (89%)	14012
1	206 (6%)	515 (34%)	76 (63%)	1215 (11%)	2012
Total	3260 (100%)	1493 (100%)	121 (100%)	11150 (100%)	16024

Table 103: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 2

readmission_1year	Tipo de Dispositivo ao final do procedimento 2					Total
	1	2	3	4	NA	
0	3149 (87%)	493 (76%)	297 (77%)	140 (69%)	9933 (89%)	14012
1	489 (13%)	152 (24%)	91 (23%)	63 (31%)	1217 (11%)	2012
Total	3638 (100%)	645 (100%)	388 (100%)	203 (100%)	11150 (100%)	16024

Table 104: Contingency table between readmission 1year and Óbito intraoperatório 2

readmission_1year	Óbito intraoperatório 2		Total
	0	NA	
0	4083 (84%)	9929 (89%)	14012
1	798 (16%)	1214 (11%)	2012
Total	4881 (100%)	11143 (100%)	16024

Table 105: Contingency table between readmission 1year and Tipo de Reoperação 3

readmission_1year	Tipo de Reoperação 3				Total
	1	2	3	NA	
0	597 (82%)	441 (76%)	42 (68%)	12932 (88%)	14012
1	127 (18%)	139 (24%)	20 (32%)	1726 (12%)	2012
Total	724 (100%)	580 (100%)	62 (100%)	14658 (100%)	16024

Table 106: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 3

readmission_1year	Tipo de Dispositivo ao final do procedimento 3					Total
	1	2	3	4	NA	
0	778 (80%)	191 (76%)	116 (72%)	70 (71%)	12857 (88%)	14012
1	190 (20%)	61 (24%)	44 (28%)	29 (29%)	1688 (12%)	2012
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14545 (100%)	16024

Table 107: Contingency table between readmission 1year and Óbito intraoperatório 3

readmission_1year	Óbito intraoperatório 3			Total
	0	1	NA	
0	1151 (78%)	4 (100%)	12857 (88%)	14012
1	325 (22%)	0 (0%)	1687 (12%)	2012
Total	1476 (100%)	4 (100%)	14544 (100%)	16024

Table 108: Contingency table between readmission 1year and Tipo de Reoperação 4

readmission_1year	Tipo de Reoperação 4				Total
	1	2	3	NA	
0	129 (67%)	176 (70%)	25 (76%)	13682 (88%)	14012
1	63 (33%)	75 (30%)	8 (24%)	1866 (12%)	2012
Total	192 (100%)	251 (100%)	33 (100%)	15548 (100%)	16024

Table 109: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 4

readmission_1year	Tipo de Dispositivo ao final do procedimento 4					Total
	1	2	3	4	NA	
0	198 (69%)	82 (75%)	31 (69%)	28 (67%)	13673 (88%)	14012
1	90 (31%)	28 (25%)	14 (31%)	14 (33%)	1866 (12%)	2012
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15539 (100%)	16024

Table 110: Contingency table between readmission 1year and Óbito intraoperatório 4

	Óbito intraoperatório 4		Total
readmission_1year	0	NA	
0	339 (70%)	13673 (88%)	14012
1	146 (30%)	1866 (12%)	2012
Total	485 (100%)	15539 (100%)	16024

Table 111: Contingency table between readmission 1year and Tipo de Reoperação 5

	Tipo de Reoperação 5				Total
readmission_1year	1	2	3	NA	
0	48 (68%)	83 (78%)	9 (64%)	13872 (88%)	14012
1	23 (32%)	23 (22%)	5 (36%)	1961 (12%)	2012
Total	71 (100%)	106 (100%)	14 (100%)	15833 (100%)	16024

Table 112: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 5

	Tipo de Dispositivo ao final do procedimento 5					Total
readmission_1year	1	2	3	4	NA	
0	72 (72%)	41 (73%)	16 (73%)	10 (77%)	13873 (88%)	14012
1	28 (28%)	15 (27%)	6 (27%)	3 (23%)	1960 (12%)	2012
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15833 (100%)	16024

Table 113: Contingency table between readmission 1year and Óbito intraoperatório 5

	Óbito intraoperatório 5		Total
readmission_1year	0	NA	
0	140 (73%)	13872 (88%)	14012
1	52 (27%)	1960 (12%)	2012
Total	192 (100%)	15832 (100%)	16024

Table 114: Contingency table between readmission 1year and Tipo de Reoperação 6

	Tipo de Reoperação 6				Total
readmission_1year	1	2	3	NA	
0	19 (73%)	34 (74%)	4 (67%)	13955 (88%)	14012
1	7 (27%)	12 (26%)	2 (33%)	1991 (12%)	2012
Total	26 (100%)	46 (100%)	6 (100%)	15946 (100%)	16024

Table 115: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 6

readmission_1year	Tipo de Dispositivo ao final do procedimento 6					Total
	1	2	3	4	NA	
0	28 (70%)	18 (72%)	6 (86%)	7 (78%)	13953 (88%)	14012
1	12 (30%)	7 (28%)	1 (14%)	2 (22%)	1990 (12%)	2012
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15943 (100%)	16024

Table 116: Contingency table between readmission 1year and Óbito intraoperatório 6

readmission_1year	Óbito intraoperatório 6		Total
	0	NA	
0	59 (73%)	13953 (88%)	14012
1	22 (27%)	1990 (12%)	2012
Total	81 (100%)	15943 (100%)	16024

Table 117: Contingency table between readmission 1year and Tipo de Reoperação 7

readmission_1year	Tipo de Reoperação 7				Total
	1	2	3	NA	
0	8 (80%)	11 (61%)	2 (50%)	13991 (87%)	14012
1	2 (20%)	7 (39%)	2 (50%)	2001 (13%)	2012
Total	10 (100%)	18 (100%)	4 (100%)	15992 (100%)	16024

Table 118: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 7

readmission_1year	Tipo de Dispositivo ao final do procedimento 7					Total
	1	2	3	4	NA	
0	10 (77%)	9 (69%)	1 (100%)	0 (0%)	13992 (87%)	14012
1	3 (23%)	4 (31%)	0 (0%)	4 (100%)	2001 (13%)	2012
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15993 (100%)	16024

Table 119: Contingency table between readmission 1year and Óbito intraoperatório 7

readmission_1year	Óbito intraoperatório 7		Total
	0	NA	
0	21 (66%)	13991 (87%)	14012
1	11 (34%)	2001 (13%)	2012
Total	32 (100%)	15992 (100%)	16024

Table 120: Contingency table between readmission 1year and Tipo de Reoperação 8

readmission_1year	Tipo de Reoperação 8		Total
	TRUE	NA	
0	9 (75%)	14003 (87%)	14012
1	3 (25%)	2009 (13%)	2012
Total	12 (100%)	16012 (100%)	16024

Table 121: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 8

readmission_1year	Tipo de Dispositivo ao final do procedimento 8		Total
	TRUE	NA	
0	9 (75%)	14003 (87%)	14012
1	3 (25%)	2009 (13%)	2012
Total	12 (100%)	16012 (100%)	16024

Table 122: Contingency table between readmission 1year and Óbito intraoperatório 8

readmission_1year	Óbito intraoperatório 8		Total
	FALSE	NA	
0	9 (75%)	14003 (87%)	14012
1	3 (25%)	2009 (13%)	2012
Total	12 (100%)	16012 (100%)	16024

Table 123: Contingency table between readmission 1year and Tipo de Reoperação 9

readmission_1year	Tipo de Reoperação 9		Total
	TRUE	NA	
0	4 (80%)	14008 (87%)	14012
1	1 (20%)	2011 (13%)	2012
Total	5 (100%)	16019 (100%)	16024

Table 124: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 9

readmission_1year	Tipo de Dispositivo ao final do procedimento 9		Total
	TRUE	NA	
0	4 (80%)	14008 (87%)	14012
1	1 (20%)	2011 (13%)	2012
Total	5 (100%)	16019 (100%)	16024

Table 125: Contingency table between readmission 1year and Óbito intraoperatório 9

| | Óbito intraoperatório 9 | | |
readmission_1year	FALSE	NA	Total
0	4 (80%)	14008 (87%)	14012
1	1 (20%)	2011 (13%)	2012
Total	5 (100%)	16019 (100%)	16024

Table 126: Contingency table between readmission 1year and Tipo de Reoperação 10

| | Tipo de Reoperação 10 | | |
readmission_1year	TRUE	NA	Total
0	1 (100%)	14011 (87%)	14012
1	0 (0%)	2012 (13%)	2012
Total	1 (100%)	16023 (100%)	16024

Table 127: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 10

| | Tipo de Dispositivo ao final do procedimento 10 | | |
readmission_1year	TRUE	NA	Total
0	1 (100%)	14011 (87%)	14012
1	0 (0%)	2012 (13%)	2012
Total	1 (100%)	16023 (100%)	16024

Table 128: Contingency table between readmission 1year and Óbito intraoperatório 10

| | Óbito intraoperatório 10 | | |
readmission_1year	FALSE	NA	Total
0	1 (100%)	14011 (87%)	14012
1	0 (0%)	2012 (13%)	2012
Total	1 (100%)	16023 (100%)	16024

Table 129: Contingency table between readmission 1year 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 | | | |
readmission_1year	0	1	NA	Total
0	3858 (84%)	221 (79%)	9933 (89%)	14012
1	736 (16%)	59 (21%)	1217 (11%)	2012
Total	4594 (100%)	280 (100%)	11150 (100%)	16024

Table 130: Contingency table between readmission 1year 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 | | | |
readmission_1year	0	1	NA	Total
0	1088 (79%)	67 (71%)	12857 (88%)	14012
1	297 (21%)	27 (29%)	1688 (12%)	2012
Total	1385 (100%)	94 (100%)	14545 (100%)	16024

Table 131: Contingency table between readmission 1year 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 | | | |
readmission_1year	0	1	NA	Total
0	320 (70%)	19 (68%)	13673 (88%)	14012
1	137 (30%)	9 (32%)	1866 (12%)	2012
Total	457 (100%)	28 (100%)	15539 (100%)	16024

Table 132: Contingency table between readmission 1year 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 | | | |
readmission_1year	0	1	NA	Total
0	133 (73%)	6 (67%)	13873 (88%)	14012
1	49 (27%)	3 (33%)	1960 (12%)	2012
Total	182 (100%)	9 (100%)	15833 (100%)	16024

Table 133: Contingency table between readmission 1year 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 | | | |
readmission_1year	0	1	NA	Total
0	52 (70%)	7 (100%)	13953 (88%)	14012
1	22 (30%)	0 (0%)	1990 (12%)	2012
Total	74 (100%)	7 (100%)	15943 (100%)	16024

Table 134: Contingency table between readmission 1year 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 | | | |
readmission_1year	0	1	NA	Total
0	19 (68%)	1 (33%)	13992 (87%)	14012
1	9 (32%)	2 (67%)	2001 (13%)	2012
Total	28 (100%)	3 (100%)	15993 (100%)	16024

Table 135: Contingency table between readmission 1year 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			Total
readmission_1year	FALSE	TRUE	NA	
0	8 (73%)	1 (100%)	14003 (87%)	14012
1	3 (27%)	0 (0%)	2009 (13%)	2012
Total	11 (100%)	1 (100%)	16012 (100%)	16024

Table 136: Contingency table between readmission 1year 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		Total
readmission_1year	FALSE	NA	
0	4 (80%)	14008 (87%)	14012
1	1 (20%)	2011 (13%)	2012
Total	5 (100%)	16019 (100%)	16024

Table 137: Contingency table between readmission 1year 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		Total
readmission_1year	FALSE	NA	
0	1 (100%)	14011 (87%)	14012
1	0 (0%)	2012 (13%)	2012
Total	1 (100%)	16023 (100%)	16024

Table 138: Contingency table between readmission 1year and Diálise durante os episódios de hospitalização

	Diálise durante os episódios de hospitalização		Total
readmission_1year	0	1	
0	13970 (88%)	42 (69%)	14012
1	1993 (12%)	19 (31%)	2012
Total	15963 (100%)	61 (100%)	16024

Table 139: Contingency table between readmission 1year and UTI durante os episódios de hospitalização

	UTI durante os episódios de hospitalização		Total
readmission_1year	0	1	
0	11330 (90%)	2682 (79%)	14012
1	1290 (10%)	722 (21%)	2012
Total	12620 (100%)	3404 (100%)	16024

Table 140: Contingency table between readmission 1year and Admissão em até 180 dias antes da T0

| | Admissão em até 180 dias antes da T0 | | Total |
readmission_1year	0	1	
0	13204 (89%)	808 (72%)	14012
1	1705 (11%)	307 (28%)	2012
Total	14909 (100%)	1115 (100%)	16024

Table 141: Contingency table between readmission 1year and Readmissões pós-T0 com diálise

| | Readmissões pós-T0 com diálise | | | | Total |
readmission_1year	0	1	2	3	
0	13999 (87%)	13 (68%)	0 (0%)	0 (0%)	14012
1	2003 (13%)	6 (32%)	2 (100%)	1 (100%)	2012
Total	16002 (100%)	19 (100%)	2 (100%)	1 (100%)	16024

Table 142: Contingency table between readmission 1year and Desfecho principal da admissão T0

| | Desfecho principal da admissão T0 | | Total |
readmission_1year	0	1	
0	13754 (87%)	258 (100%)	14012
1	2012 (13%)	0 (0%)	2012
Total	15766 (100%)	258 (100%)	16024

Table 143: Contingency table between readmission 1year and Readmissão cirúrgica em até 30 dias

| | Readmissão cirúrgica em até 30 dias | | Total |
readmission_1year	0	1	
0	14012 (88%)	0 (0%)	14012
1	1875 (12%)	137 (100%)	2012
Total	15887 (100%)	137 (100%)	16024

Table 144: Contingency table between readmission 1year and Readmissão cirúrgica entre 31 a 60 dias

| | Readmissão cirúrgica entre 31 a 60 dias | | Total |
readmission_1year	0	1	
0	14012 (88%)	0 (0%)	14012
1	1919 (12%)	93 (100%)	2012
Total	15931 (100%)	93 (100%)	16024

Table 145: Contingency table between readmission 1year and Readmissão cirúgica entre 61 a 180 dias

	Readmissão cirúgica entre 61 a 180 dias		
readmission__1year	0	1	Total
0	14012 (88%)	0 (0%)	14012
1	1863 (12%)	149 (100%)	2012
Total	15875 (100%)	149 (100%)	16024

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

	Readmissão cirúrgica em até 1 ano		
readmission__1year	0	1	Total
0	14012 (88%)	0 (0%)	14012
1	1880 (12%)	132 (100%)	2012
Total	15892 (100%)	132 (100%)	16024

Table 147: Contingency table between readmission 1year and Desfecho final do estudo

	Desfecho final do estudo			
readmission__1year	1	2	3	Total
0	2102 (75%)	7020 (91%)	4890 (89%)	14012
1	696 (25%)	709 (9%)	607 (11%)	2012
Total	2798 (100%)	7729 (100%)	5497 (100%)	16024

Table 148: Contingency table between readmission 1year and Ventilação mecânica / IOT

	Ventilação mecânica / IOT		
readmission__1year	1	NA	Total
0	2460 (82%)	11552 (89%)	14012
1	524 (18%)	1488 (11%)	2012
Total	2984 (100%)	13040 (100%)	16024