Tables

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Imports

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

Loading data

```r
# df <- readRDS('../dataset/processed_data.rds')
# df_names <- readRDS('../dataset/processed_dictionary.rds')

load('../dataset/processed_data.RData')
load('../dataset/processed_dictionary.RData')

columns_list <- yaml.load_file("./auxiliar/columns_list.yaml")

outcome_column <- params$outcome_column

df %>%
  select(date_procedure_1, date_procedure_2) %>%
  filter(date_procedure_2 < date_procedure_1)
```

```
## # A tibble: 0 x 2
## # ... with 2 variables: date_procedure_1 <dttm>, date_procedure_2 <dttm>
```

Numerical variables

```r
medianWithoutNA <- function(x) {
   median(x[which(!is.na(x))])
}
i = 0
for (column in columns_list$numerical_columns){
  df %>%
    group_by_at(vars(one_of(outcome_column))) %>%
    summarise('Mean' = mean(!!sym(column), na.rm = T),
              'Min' = min(!!sym(column), na.rm = T),
              'Median' = medianWithoutNA(!!sym(column)),
              'Max' = max(!!sym(column), na.rm = T),
              'Standard Deviation' = sd(!!sym(column), na.rm = T),
              'N' = n(),
              'Missing' = sum(is.na(!!sym(column)))) %>%
    ungroup %>%
    mutate(Min = ifelse(is.infinite(Min), NA, Min),
           Max = ifelse(is.infinite(Max), NA, Max)) %>%
    kbl(align = "l", booktabs = T, digits = 3, format = 'latex', label = i,
        caption = df_names %>% filter(variable.name == column) %>% .$field.label) %>%
    column_spec(1, bold = T, width = "8em") %>%
    row_spec(c(1) - 1, extra_latex_after = "\\rowcolor{gray!6}") %>%
```

1

```
    collapse_rows(1, latex_hline = "none") %>%
    kable_styling(latex_options = c("HOLD_position", "repeat_header")) %>%
    print

  i <- i + 1
}
```

Table 1: Idade no momento do primeiro procedimento

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.820	0	69.1	110.6	17.763	14011	0
1	63.524	0	67.4	98.8	19.225	2022	0

Table 2: Número de comorbidades

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.218	0	1	8	1.331	14011	0
1	1.581	0	1	8	1.515	2022	0

Table 3: Ano do procedimento 1

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.636	1999	2010	2021	5.826	14011	0
1	2010.316	1999	2010	2021	5.429	2022	0

Table 4: Idade no Procedimento 1

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.820	0	69.1	110.6	17.763	14011	0
1	63.524	0	67.4	98.8	19.225	2022	0

Table 5: Ano do procedimento 2

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2013.438	1999	2014	2022	4.379	14011	9929
1	2011.241	1999	2011	2022	5.708	2022	1224

Table 6: Idade no Procedimento 2

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.816	0.4	69.80	108.7	19.173	14011	9928
1	61.586	0.0	64.75	100.7	19.386	2022	1224

Table 7: Ano do procedimento 3

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.959	1999	2015	2022	4.378	14011	12856
1	2012.028	2002	2012	2022	5.446	2022	1697

Table 8: Idade no Procedimento 3

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	62.279	3.9	66.2	101.1	20.850	14011	12856
1	61.166	0.4	65.6	97.6	20.438	2022	1697

Table 9: Ano do procedimento 4

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2015.074	2003	2015	2022	4.363	14011	13672
1	2013.021	2002	2014	2022	5.459	2022	1876

Table 10: Idade no Procedimento 4

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	58.937	4.3	63.0	97.7	22.068	14011	13672
1	61.212	1.9	66.3	96.9	21.574	2022	1876

Table 11: Ano do procedimento 5

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.786	2004	2015	2022	3.885	14011	13871
1	2012.731	2003	2013	2021	4.632	2022	1970

Table 12: Idade no Procedimento 5

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	58.142	6.3	62.75	99.7	21.971	14011	13871
1	57.017	3.2	62.80	88.2	22.412	2022	1970

Table 13: Ano do procedimento 6

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2015.729	2004	2017	2021	4.302	14011	13952
1	2012.174	2003	2012	2020	4.108	2022	1999

Table 14: Idade no Procedimento 6

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	56.936	6.6	58.8	101.6	22.214	14011	13952
1	52.804	10.9	58.4	88.7	22.631	2022	1999

Table 15: Ano do procedimento 7

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2016.476	2007	2018	2022	4.343	14011	13990
1	2014.091	2010	2013	2021	3.885	2022	2011

Table 16: Idade no Procedimento 7

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	49.567	8.8	52.8	81.8	21.745	14011	13990
1	54.409	17.6	63.9	78.8	19.649	2022	2011

Table 17: Ano do procedimento 8

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	0	14011	14002
1	1	1	TRUE	1	0	2022	2019

Table 18: Idade no Procedimento 8

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	0	14011	14002
1	1	1	TRUE	1	0	2022	2019

Table 19: Ano do procedimento 9

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	14011	14007
1	1	1	1	1	NA	2022	2021

Table 20: Idade no Procedimento 9

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	14011	14007
1	1	1	1	1	NA	2022	2021

Table 21: Ano do procedimento 10

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	14011	14010
1	NaN	NA	NA	NA	NA	2022	2022

Table 22: Idade no Procedimento 10

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	14011	14010
1	NaN	NA	NA	NA	NA	2022	2022

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	82.201	0	89.00	197.1	34.113	14011	9928
1	26.023	0	5.95	155.5	36.879	2022	1224

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	59.346	0	64.6	170.5	38.507	14011	12856
1	42.054	0	32.2	132.5	41.315	2022	1697

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	38.793	0.0	33.35	142.7	38.399	14011	13673
1	41.395	0.1	25.50	137.4	43.071	2022	1876

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	30.179	0.0	5.65	127.6	36.440	14011	13871
1	38.331	0.1	17.85	144.3	43.145	2022	1970

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	31.083	0.0	6.2	110.3	36.941	14011	13952
1	18.617	0.1	5.8	82.4	26.710	2022	1999

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	37.038	0.0	4.0	142.3	45.729	14011	13990
1	20.900	0.1	3.9	93.1	35.544	2022	2011

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.667	0	TRUE	1	0.500	14011	14002
1	0.667	0	TRUE	1	0.577	2022	2019

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	14011	14007
1	1	1	1	1	NA	2022	2021

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	14011	14010
1	NaN	NA	NA	NA	NA	2022	2022

Table 32: Número de Mudanças do tipo de DCEI

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.079	0	0	3	0.282	14011	9930
1	0.126	0	0	2	0.357	2022	1226

Table 33: Número de atendimentos

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.038	1	1	25	1.650	14011	0
1	4.722	2	4	51	3.751	2022	0

Table 34: Número da Admissão T0 (admissão índice)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.362	1	1	22	0.928	14011	0
1	2.006	1	1	32	1.969	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.598	0	0	18	1.222	14011	0
1	2.622	0	2	50	2.932	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.468	-1	0	21	1.019	14011	0
1	1.102	0	0	38	2.196	2022	0

Table 37: Ano da admissão T0

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.630	1999	2010	2021	5.827	14011	15
1	2010.299	1999	2010	2021	5.429	2022	5

Table 38: Readmissão em até 30 dias

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.0	0	0	0	0.000	14011	0
1	0.3	0	0	1	0.458	2022	0

Table 39: Readmissão entre 31 a 60 dias

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	14011	0
1	0.451	0	0	1	0.498	2022	0

Table 40: Readmissão entre 61 a 180 dias

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	14011	0
1	0.741	0	1	1	0.438	2022	0

Table 41: Readmissão em até 1 ano

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	14011	0
1	1	1	1	1	0	2022	0

Table 42: Tempo de seguimento total (anos)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.954	0	4.5	22.6	5.294	14011	0
1	4.622	0	3.0	22.1	4.760	2022	0

Table 43: Óbito hospitalar (intraoperatório ou admissao T0)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.019	0	0	1	0.135	14011	0
1	0.000	0	0	0	0.000	2022	0

Table 44: Óbito durante algum episódio de readmissão hospitalar

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.052	0	0	1	0.221	14011	0
1	0.288	0	0	1	0.453	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.046	14011	262
1	0.021	0	0	1	0.143	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	1	0.080	14011	291
1	0.086	0	0	1	0.281	2022	42

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	1	0.063	14011	379
1	0.074	0	0	1	0.261	2022	213

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.010	0	0	1	0.100	14011	433
1	0.059	0	0	1	0.236	2022	346

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	1	0.092	14011	571
1	0.027	0	0	1	0.163	2022	445

Table 50: Óbito (status final)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.132	0	0	1	0.339	14011	0
1	0.345	0	0	1	0.476	2022	0

Table 51: Tempo de sobrevida (anos)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.205	0	2.9	20.1	4.350	14011	12630
1	2.211	0	0.9	17.3	2.922	2022	1380

Table 52: Diárias no serviço de Emergência na admissão T0

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.189	0	0	27	1.046	14011	0
1	0.295	0	0	28	1.379	2022	0

Table 53: Anticoagulantes orais

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.199	0	0	98.0	2.041	14011	0
1	0.514	0	0	60.5	2.904	2022	0

Table 54: Antiarritmicos

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.638	0	0	575	15.403	14011	0
1	8.353	0	0	844	34.360	2022	0

Table 55: Antihipertensivo

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.366	0	0	349	4.829	14011	0
1	0.615	0	0	160	5.710	2022	0

Table 56: Betabloqueador

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.724	0	0	288	5.655	14011	0
1	1.961	0	0	388	13.892	2022	0

Table 57: IECA/BRA

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.545	0	0	773	19.161	14011	0
1	11.386	0	0	332	26.930	2022	0

Table 58: DVA

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.347	0	0	1917	40.933	14011	0
1	11.364	0	0	1044	52.025	2022	0

Table 59: Digoxina

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.150	0	0	50	1.287	14011	0
1	0.472	0	0	65	2.864	2022	0

Table 60: Estatinas

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.645	0	0	421	13.671	14011	0
1	7.775	0	0	413	23.881	2022	0

Table 61: Diuretico

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.971	0	0	2966	58.223	14011	0
1	19.143	0	0	1290	86.049	2022	0

Table 62: Vasodilator

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.341	0	0	3820.5	49.666	14011	0
1	21.007	0	0	2408.0	94.645	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.063	0	0	426	13.600	14011	0
1	8.076	0	0	453	25.096	2022	0

Table 64: Antagonista da Aldosterona (espironolactona)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.369	0	0	255	6.383	14011	0
1	4.109	0	0	162	12.823	2022	0

Table 65: Bloqueador do canal de calcio

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.246	0	0	254	4.649	14011	0
1	2.858	0	0	509	24.138	2022	0

Table 66: Trombolitico

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.043	14011	0
1	0.001	0	0	1	0.031	2022	0

Table 67: Antiplaquetario VO

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.242	0	0	111	2.799	14011	0
1	0.409	0	0	141	4.969	2022	0

Table 68: Antiplaquetario EV

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	8	0.146	14011	0
1	0.021	0	0	5	0.227	2022	0

Table 69: Insulina

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.076	0	0	16	0.437	14011	0
1	0.114	0	0	7	0.509	2022	0

Table 70: Hipoglicemiante

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.264	0	0	79	2.322	14011	0
1	0.408	0	0	90	3.767	2022	0

Table 71: Hormonio tireoidiano

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.153	0	0	281.5	3.034	14011	0
1	0.433	0	0	126.0	5.211	2022	0

Table 72: Broncodiltador

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.096	0	0	80	1.52	14011	0
1	0.171	0	0	43	1.86	2022	0

Table 73: Anticonvulsivante

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.618	0	0	334	7.921	14011	0
1	2.475	0	0	482	22.813	2022	0

Table 74: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.757	0	0	573	12.091	14011	0
1	6.379	0	0	251	19.360	2022	0

Table 75: Antibióticos

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	10.907	0	4	1812	54.729	14011	0
1	18.958	0	4	1459	69.395	2022	0

Table 76: Antifúngicos

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.329	0	0	122	3.845	14011	0
1	0.564	0	0	99	4.287	2022	0

Table 77: Antiviral

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.047	0	0	86	1.494	14011	0
1	0.551	0	0	131	6.357	2022	0

Table 78: Antiretroviral

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	32	0.381	14011	0
1	0.013	0	0	20	0.458	2022	0

Table 79: Quantidade de classes medicamentosas utilizadas

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.237	0	3	17	3.037	14011	0
1	4.386	0	4	16	3.778	2022	0

Table 80: Ventilação não invasiva

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.045	0	0	114	1.507	14011	0
1	0.001	0	0	2	0.044	2022	0

Table 81: Instalação de CEC

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	2	0.097	14011	0
1	0.026	0	0	1	0.158	2022	0

Table 82: Cirurgia Cardiovascular

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.047	0	0	9	0.344	14011	0
1	0.060	0	0	6	0.410	2022	0

Table 83: Transplante cardíaco

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	1	0.015	14011	0
1	0.013	0	0	1	0.115	2022	0

Table 84: Cirurgia Toracica

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	9	0.097	14011	0
1	0.005	0	0	2	0.089	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.088	0	0	22	0.507	14011	0
1	0.171	0	0	9	0.708	2022	0

Table 86: Traqueostomia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	8	0.076	14011	0
1	0.003	0	0	5	0.116	2022	0

Table 87: Intervenção coronária percutânea

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	4	0.109	14011	0
1	0.023	0	0	4	0.209	2022	0

Table 88: 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	0.005	0	0	3	0.103	14011	0
1	0.010	0	0	2	0.117	2022	0

Table 89: Stent

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	1	0.008	14011	0
1	0	0	0	0	0.000	2022	0

Table 90: Angioplastia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.035	14011	0
1	0.003	0	0	1	0.059	2022	0

Table 91: Cateterismo

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.093	0	0	4	0.349	14011	0
1	0.193	0	0	7	0.528	2022	0

Table 92: Eletrofisiologia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.060	0	0	11	0.409	14011	0
1	0.133	0	0	7	0.595	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.040	0	0	152	1.91	14011	0
1	0.629	0	0	535	13.45	2022	0

Table 94: Cateter venoso central

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.028	0	0	13	0.246	14011	0
1	0.082	0	0	4	0.368	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	5	0.105	14011	0
1	0.007	0	0	4	0.135	2022	0

Table 96: Quantidade de procedimentos invasivos

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.389	0	0	159	2.356	14011	0
1	1.358	0	0	554	14.165	2022	0

Table 97: Cardioversão/ Desfibrilação (sessão)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	5	0.100	14011	0
1	0.014	0	0	4	0.179	2022	0

Table 98: Transfusão de hemoderivados

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.041	0	0	61	0.922	14011	0
1	0.066	0	0	18	0.701	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.295	0	0	115	2.500	14011	0
1	0.758	0	0	199	6.205	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.578	0	0	420	13.105	14011	0
1	5.420	0	0	328	19.888	2022	0

Table 101: ECG

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.195	0	2	141	5.690	14011	0
1	5.245	0	3	140	8.669	2022	0

Table 102: Holter

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.078	0	0	5	0.310	14011	0
1	0.164	0	0	5	0.431	2022	0

Table 103: Teste de esforço

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	3	0.093	14011	0
1	0.013	0	0	2	0.121	2022	0

Table 104: Espirometria / Ergoespirometria

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	2	0.057	14011	0
1	0.009	0	0	1	0.094	2022	0

Table 105: Tilt Test

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.043	14011	0
1	0.004	0	0	1	0.063	2022	0

Table 106: Polissonografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.038	14011	0
1	0.002	0	0	2	0.059	2022	0

Table 107: Quantidade de exames por métodos gráficos

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.287	0	2	143	5.807	14011	0
1	5.438	0	3	140	8.820	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	50.427	0	7	3608	170.973	14011	0
1	109.560	0	14	3474	278.199	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.280	0	0	48	1.412	14011	0
1	0.522	0	0	19	1.691	2022	0

Table 110: Quantidade de exames de análises clínicas

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	50.707	0	7	3645	172.090	14011	0
1	110.082	0	14	3487	279.603	2022	0

Table 111: Citologias

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	8	0.131	14011	0
1	0.016	0	0	4	0.181	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	4	0.101	14011	0
1	0.086	0	0	10	0.647	2022	0

Table 113: Quantidade de exames histopatológicos

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	8	0.166	14011	0
1	0.102	0	0	10	0.693	2022	0

Table 114: Angio RM

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.062	14011	0
1	0.010	0	0	4	0.144	2022	0

Table 115: Angio TC

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.028	0	0	9	0.218	14011	0
1	0.049	0	0	5	0.303	2022	0

Table 116: Angiografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.047	14011	0
1	0.001	0	0	1	0.038	2022	0

Table 117: Aortografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.044	14011	0
1	0.003	0	0	2	0.067	2022	0

Table 118: Arteriografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	1	0.017	14011	0
1	0.002	0	0	2	0.059	2022	0

Table 119: Cavografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	1	0.079	14011	0
1	0.006	0	0	1	0.080	2022	0

Table 120: Cintilografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.047	0	0	5	0.302	14011	0
1	0.111	0	0	4	0.454	2022	0

Table 121: Ecocardiograma

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.427	0	0	24	1.025	14011	0
1	0.870	0	0	24	2.160	2022	0

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

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	6	0.149	14011	0
1	0.044	0	0	4	0.285	2022	0

Table 123: Flebografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.028	0	0	5	0.255	14011	0
1	0.042	0	0	5	0.326	2022	0

Table 124: PET-CT

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	3	0.070	14011	0
1	0.007	0	0	2	0.091	2022	0

Table 125: Ultrassom

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.139	0	0	28	0.76	14011	0
1	0.369	0	0	14	1.26	2022	0

Table 126: Tomografia

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.128	0	0	15	0.609	14011	0
1	0.281	0	0	12	0.964	2022	0

Table 127: Radiografias

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.581	0	1	261	7.585	14011	0
1	4.494	0	2	192	11.702	2022	0

Table 128: Ressonancia magnetica

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.052	0	0	6	0.260	14011	0
1	0.121	0	0	4	0.396	2022	0

Table 129: Quantidade de exames diagnóstico por imagem

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.459	0	1	281	9.249	14011	0
1	6.412	0	2	232	14.750	2022	0

Table 130: Dieta enteral (frasco)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.042	0	0	195	2.160	14011	0
1	0.124	0	0	115	3.581	2022	0

Table 131: Dieta parenteral (frasco)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	14	0.126	14011	0
1	0.004	0	0	5	0.132	2022	0

Table 132: Bomba de infusão contínua (horas)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.648	0	0	1269	16.237	14011	0
1	2.675	0	0	1527	43.333	2022	0

Table 133: Marca-passo temporário (por hora)

readmission_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.120	0	0	180	2.755	14011	0
1	0.252	0	0	109	3.787	2022	0

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 %>%
    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
```

```r
caption <- sprintf('Contingency table between %s and %s',
                   str_replace(outcome_column, "_", " "),
                   variable_name)

if (column %in% transpose_columns){

  temp_table <- table(df[[column]],
                      df[[outcome_column]],
                      useNA = "ifany") %>%
    addpercentage(horizontal = TRUE)

  has_na <- df[[column]] %>% is.na() %>% sum > 0

  if (has_na){
    rownames(temp_table)[nrow(temp_table) - 1] <- "NA"
  }

  t <- temp_table %>%
    as.data.frame %>%
    rownames_to_column(var=abbreviated_name) %>%
    kbl(align = "c", booktabs = T, digits = 2, format = 'latex',
        caption = caption) %>%
    row_spec(length(unique(df %>% .[[column]] %>% replace_na("NA"))),
             hline_after = T) %>%
    collapse_rows(1, latex_hline = "none") %>%
    column_spec(4, border_right = T) %>%
    add_header_above(c(setNames(1, ' '),
                       setNames(length(unique(df[[outcome_column]])),
                                outcome_column))) %>%
    kable_styling(latex_options = c("HOLD_position", "repeat_header"))

} else {
  temp_table <- table(df[[outcome_column]],
                      df[[column]],
                      useNA = "ifany") %>%
    addpercentage

  has_na <- df[[column]] %>% is.na() %>% sum > 0

  if (has_na){
    colnames(temp_table)[ncol(temp_table) - 1] <- "NA"
  }

  t <- temp_table %>%
    as.data.frame %>%
    rownames_to_column(var=outcome_column) %>%
    kbl(align = "c", booktabs = T, digits = 2, format = 'latex',
        caption = caption, label = i) %>%
    row_spec(2, hline_after = T) %>%
    column_spec(length(unique(df %>% .[[column]] %>% replace_na("NA"))) + 1,
                border_right = T) %>%
    collapse_rows(1, latex_hline = "none") %>%
    add_header_above(c(' ' = 1,
                       setNames(length(unique(df[[column]])),
                                abbreviated_name))) %>%
    kable_styling(latex_options = c("HOLD_position", "repeat_header"))

}
print(t)
i <- i + 1
```

```
}
```

Table 134: Contingency table between readmission 1year and Sexo

readmission_1year	Sexo		Total
	0	1	
0	6714 (89%)	7297 (86%)	14011
1	852 (11%)	1170 (14%)	2022
Total	7566 (100%)	8467 (100%)	16033

Table 135: Contingency table between readmission 1year and Doença cardíaca

readmission_1year	Doença cardíaca				Total
	0	1	2	NA	
0	8211 (88%)	967 (82%)	3028 (86%)	1805 (89%)	14011
1	1075 (12%)	206 (18%)	507 (14%)	234 (11%)	2022
Total	9286 (100%)	1173 (100%)	3535 (100%)	2039 (100%)	16033

Table 136: Contingency table between readmission 1year and Hipertensão arterial

readmission_1year	Hipertensão arterial		Total
	0	1	
0	10606 (87%)	3405 (88%)	14011
1	1538 (13%)	484 (12%)	2022
Total	12144 (100%)	3889 (100%)	16033

Table 137: 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%)	1224 (83%)	14011
1	1765 (12%)	257 (17%)	2022
Total	14552 (100%)	1481 (100%)	16033

Table 138: Contingency table between readmission 1year and Insuficiência cardíaca

readmission_1year	Insuficiência cardíaca		Total
	0	1	
0	9203 (90%)	4808 (83%)	14011
1	1004 (10%)	1018 (17%)	2022
Total	10207 (100%)	5826 (100%)	16033

Table 139: Contingency table between readmission 1year and Fibrilação / flutter atrial

	Fibrilação / flutter atrial		
readmission__1year	0	1	Total
0	11956 (88%)	2055 (85%)	14011
1	1659 (12%)	363 (15%)	2022
Total	13615 (100%)	2418 (100%)	16033

Table 140: Contingency table between readmission 1year and Parada cardíaca prévia/ Taquicardia ventricular instável

	Parada cardíaca prévia/ Taquicardia ventricular instável		
readmission__1year	0	1	Total
0	12392 (88%)	1619 (84%)	14011
1	1718 (12%)	304 (16%)	2022
Total	14110 (100%)	1923 (100%)	16033

Table 141: Contingency table between readmission 1year and Transplante cardíaco prévio

	Transplante cardíaco prévio		
readmission__1year	0	1	Total
0	13993 (88%)	18 (42%)	14011
1	1997 (12%)	25 (58%)	2022
Total	15990 (100%)	43 (100%)	16033

Table 142: Contingency table between readmission 1year and Valvopatias/ Prótese valvares

	Valvopatias/ Prótese valvares		
readmission__1year	0	1	Total
0	13117 (88%)	894 (83%)	14011
1	1839 (12%)	183 (17%)	2022
Total	14956 (100%)	1077 (100%)	16033

Table 143: Contingency table between readmission 1year and Endocardite prévia

	Endocardite prévia		
readmission__1year	0	1	Total
0	13898 (87%)	113 (82%)	14011
1	1997 (13%)	25 (18%)	2022
Total	15895 (100%)	138 (100%)	16033

Table 144: Contingency table between readmission 1year and Diabetes melittus

readmission_1year	Diabetes melittus		Total
	0	1	
0	12351 (88%)	1660 (85%)	14011
1	1735 (12%)	287 (15%)	2022
Total	14086 (100%)	1947 (100%)	16033

Table 145: Contingency table between readmission 1year and Insuficiência renal crônica

readmission_1year	Insuficiência renal crônica		Total
	0	1	
0	13470 (88%)	541 (83%)	14011
1	1909 (12%)	113 (17%)	2022
Total	15379 (100%)	654 (100%)	16033

Table 146: Contingency table between readmission 1year and Hemodiálise

readmission_1year	Hemodiálise		Total
	0	1	
0	13996 (87%)	15 (68%)	14011
1	2015 (13%)	7 (32%)	2022
Total	16011 (100%)	22 (100%)	16033

Table 147: Contingency table between readmission 1year and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

readmission_1year	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios		Total
	0	1	
0	13578 (87%)	433 (85%)	14011
1	1947 (13%)	75 (15%)	2022
Total	15525 (100%)	508 (100%)	16033

Table 148: Contingency table between readmission 1year and Doença pulmonar obstrutiva crônica

readmission_1year	Doença pulmonar obstrutiva crônica		Total
	0	1	
0	13828 (87%)	183 (84%)	14011
1	1986 (13%)	36 (16%)	2022
Total	15814 (100%)	219 (100%)	16033

Table 149: Contingency table between readmission 1year and Neoplasia em tratamento ou tratada recentemente (12 meses)

| readmission_1year | Neoplasia em tratamento ou tratada recentemente (12 meses) | | Total |
	0	1	
0	13914 (87%)	97 (84%)	14011
1	2003 (13%)	19 (16%)	2022
Total	15917 (100%)	116 (100%)	16033

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

| readmission_1year | Tipo de Procedimento 1 | | Total |
	1	2	
0	9510 (85%)	4501 (92%)	14011
1	1619 (15%)	403 (8%)	2022
Total	11129 (100%)	4904 (100%)	16033

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

| readmission_1year | Tipo de Reoperação 1 | | | | Total |
	1	2	3	NA	
0	3656 (93%)	817 (87%)	28 (82%)	9510 (85%)	14011
1	273 (7%)	124 (13%)	6 (18%)	1619 (15%)	2022
Total	3929 (100%)	941 (100%)	34 (100%)	11129 (100%)	16033

Table 152: 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%)	1423 (79%)	1056 (81%)	337 (73%)	14011
1	1285 (10%)	372 (21%)	242 (19%)	123 (27%)	2022
Total	12480 (100%)	1795 (100%)	1298 (100%)	460 (100%)	16033

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

| readmission_1year | Óbito intraoperatório 1 | | Total |
	0	1	
0	14004 (87%)	7 (100%)	14011
1	2022 (13%)	0 (0%)	2022
Total	16026 (100%)	7 (100%)	16033

Table 154: Contingency table between readmission 1year and Tipo de Reoperação 2

readmission_1year	Tipo de Reoperação 2				Total
	1	2	3	NA	
0	3055 (94%)	976 (66%)	45 (37%)	9935 (89%)	14011
1	207 (6%)	514 (34%)	76 (63%)	1225 (11%)	2022
Total	3262 (100%)	1490 (100%)	121 (100%)	11160 (100%)	16033

Table 155: 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%)	492 (76%)	297 (77%)	140 (69%)	9933 (89%)	14011
1	489 (13%)	152 (24%)	91 (23%)	63 (31%)	1227 (11%)	2022
Total	3638 (100%)	644 (100%)	388 (100%)	203 (100%)	11160 (100%)	16033

Table 156: Contingency table between readmission 1year and Óbito intraoperatório 2

readmission_1year	Óbito intraoperatório 2		Total
	0	NA	
0	4082 (84%)	9929 (89%)	14011
1	798 (16%)	1224 (11%)	2022
Total	4880 (100%)	11153 (100%)	16033

Table 157: Contingency table between readmission 1year and Tipo de Reoperação 3

readmission_1year	Tipo de Reoperação 3				Total
	1	2	3	NA	
0	597 (83%)	440 (76%)	42 (68%)	12932 (88%)	14011
1	126 (17%)	138 (24%)	20 (32%)	1738 (12%)	2022
Total	723 (100%)	578 (100%)	62 (100%)	14670 (100%)	16033

Table 158: 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%)	12856 (88%)	14011
1	190 (20%)	61 (24%)	44 (28%)	29 (29%)	1698 (12%)	2022
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14554 (100%)	16033

Table 159: Contingency table between readmission 1year and Óbito intraoperatório 3

| | Óbito intraoperatório 3 | | | | |
readmission_1year	0	1	NA	Total
0	1151 (78%)	4 (100%)	12856 (88%)	14011
1	325 (22%)	0 (0%)	1697 (12%)	2022
Total	1476 (100%)	4 (100%)	14553 (100%)	16033

Table 160: Contingency table between readmission 1year and Tipo de Reoperação 4

| | Tipo de Reoperação 4 | | | | |
readmission_1year	1	2	3	NA	Total
0	128 (67%)	177 (70%)	25 (76%)	13681 (88%)	14011
1	63 (33%)	75 (30%)	8 (24%)	1876 (12%)	2022
Total	191 (100%)	252 (100%)	33 (100%)	15557 (100%)	16033

Table 161: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 4

| | Tipo de Dispositivo ao final do procedimento 4 | | | | | |
readmission_1year	1	2	3	4	NA	Total
0	198 (69%)	82 (75%)	31 (69%)	28 (67%)	13672 (88%)	14011
1	90 (31%)	28 (25%)	14 (31%)	14 (33%)	1876 (12%)	2022
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15548 (100%)	16033

Table 162: Contingency table between readmission 1year and Óbito intraoperatório 4

| | Óbito intraoperatório 4 | | |
readmission_1year	0	NA	Total
0	339 (70%)	13672 (88%)	14011
1	146 (30%)	1876 (12%)	2022
Total	485 (100%)	15548 (100%)	16033

Table 163: Contingency table between readmission 1year and Tipo de Reoperação 5

| | Tipo de Reoperação 5 | | | | |
readmission_1year	1	2	3	NA	Total
0	48 (68%)	83 (78%)	9 (64%)	13871 (88%)	14011
1	23 (32%)	23 (22%)	5 (36%)	1971 (12%)	2022
Total	71 (100%)	106 (100%)	14 (100%)	15842 (100%)	16033

Table 164: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 5

readmission_1year	Tipo de Dispositivo ao final do procedimento 5					Total
	1	2	3	4	NA	
0	72 (72%)	41 (73%)	16 (73%)	10 (77%)	13872 (88%)	14011
1	28 (28%)	15 (27%)	6 (27%)	3 (23%)	1970 (12%)	2022
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15842 (100%)	16033

Table 165: Contingency table between readmission 1year and Óbito intraoperatório 5

readmission_1year	Óbito intraoperatório 5		Total
	0	NA	
0	140 (73%)	13871 (88%)	14011
1	52 (27%)	1970 (12%)	2022
Total	192 (100%)	15841 (100%)	16033

Table 166: Contingency table between readmission 1year and Tipo de Reoperação 6

readmission_1year	Tipo de Reoperação 6				Total
	1	2	3	NA	
0	19 (73%)	34 (72%)	4 (67%)	13954 (87%)	14011
1	7 (27%)	13 (28%)	2 (33%)	2000 (13%)	2022
Total	26 (100%)	47 (100%)	6 (100%)	15954 (100%)	16033

Table 167: 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 (75%)	7 (78%)	13952 (87%)	14011
1	12 (30%)	7 (28%)	2 (25%)	2 (22%)	1999 (13%)	2022
Total	40 (100%)	25 (100%)	8 (100%)	9 (100%)	15951 (100%)	16033

Table 168: Contingency table between readmission 1year and Óbito intraoperatório 6

readmission_1year	Óbito intraoperatório 6		Total
	0	NA	
0	59 (72%)	13952 (87%)	14011
1	23 (28%)	1999 (13%)	2022
Total	82 (100%)	15951 (100%)	16033

Table 169: 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%)	13990 (87%)	14011
1	2 (20%)	7 (39%)	2 (50%)	2011 (13%)	2022
Total	10 (100%)	18 (100%)	4 (100%)	16001 (100%)	16033

Table 170: 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%)	13991 (87%)	14011
1	3 (23%)	4 (31%)	0 (0%)	4 (100%)	2011 (13%)	2022
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	16002 (100%)	16033

Table 171: Contingency table between readmission 1year and Óbito intraoperatório 7

readmission_1year	Óbito intraoperatório 7		Total
	0	NA	
0	21 (66%)	13990 (87%)	14011
1	11 (34%)	2011 (13%)	2022
Total	32 (100%)	16001 (100%)	16033

Table 172: Contingency table between readmission 1year and Tipo de Reoperação 8

readmission_1year	Tipo de Reoperação 8		Total
	TRUE	NA	
0	9 (75%)	14002 (87%)	14011
1	3 (25%)	2019 (13%)	2022
Total	12 (100%)	16021 (100%)	16033

Table 173: 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%)	14002 (87%)	14011
1	3 (25%)	2019 (13%)	2022
Total	12 (100%)	16021 (100%)	16033

Table 174: Contingency table between readmission 1year and Óbito intraoperatório 8

| | Óbito intraoperatório 8 | | |
readmission_1year	FALSE	NA	Total
0	9 (75%)	14002 (87%)	14011
1	3 (25%)	2019 (13%)	2022
Total	12 (100%)	16021 (100%)	16033

Table 175: Contingency table between readmission 1year and Tipo de Reoperação 9

| | Tipo de Reoperação 9 | | |
readmission_1year	TRUE	NA	Total
0	4 (80%)	14007 (87%)	14011
1	1 (20%)	2021 (13%)	2022
Total	5 (100%)	16028 (100%)	16033

Table 176: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 9

| | Tipo de Dispositivo ao final do procedimento 9 | | |
readmission_1year	TRUE	NA	Total
0	4 (80%)	14007 (87%)	14011
1	1 (20%)	2021 (13%)	2022
Total	5 (100%)	16028 (100%)	16033

Table 177: Contingency table between readmission 1year and Óbito intraoperatório 9

| | Óbito intraoperatório 9 | | |
readmission_1year	FALSE	NA	Total
0	4 (80%)	14007 (87%)	14011
1	1 (20%)	2021 (13%)	2022
Total	5 (100%)	16028 (100%)	16033

Table 178: Contingency table between readmission 1year and Tipo de Reoperação 10

| | Tipo de Reoperação 10 | | |
readmission_1year	TRUE	NA	Total
0	1 (100%)	14010 (87%)	14011
1	0 (0%)	2022 (13%)	2022
Total	1 (100%)	16032 (100%)	16033

Table 179: 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%)	14010 (87%)	14011
1	0 (0%)	2022 (13%)	2022
Total	1 (100%)	16032 (100%)	16033

Table 180: Contingency table between readmission 1year and Óbito intraoperatório 10

| | Óbito intraoperatório 10 | | |
readmission_1year	FALSE	NA	Total
0	1 (100%)	14010 (87%)	14011
1	0 (0%)	2022 (13%)	2022
Total	1 (100%)	16032 (100%)	16033

Table 181: 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	3857 (84%)	221 (79%)	9933 (89%)	14011
1	736 (16%)	59 (21%)	1227 (11%)	2022
Total	4593 (100%)	280 (100%)	11160 (100%)	16033

Table 182: 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%)	12856 (88%)	14011
1	297 (21%)	27 (29%)	1698 (12%)	2022
Total	1385 (100%)	94 (100%)	14554 (100%)	16033

Table 183: 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%)	13672 (88%)	14011
1	137 (30%)	9 (32%)	1876 (12%)	2022
Total	457 (100%)	28 (100%)	15548 (100%)	16033

Table 184: Contingency table between readmission 1year and Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5

| readmission_1year | Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5 | | | Total |
	0	1	NA	
0	133 (73%)	6 (67%)	13872 (88%)	14011
1	49 (27%)	3 (33%)	1970 (12%)	2022
Total	182 (100%)	9 (100%)	15842 (100%)	16033

Table 185: Contingency table between readmission 1year and Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6

| readmission_1year | Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6 | | | Total |
	0	1	NA	
0	52 (69%)	7 (100%)	13952 (87%)	14011
1	23 (31%)	0 (0%)	1999 (13%)	2022
Total	75 (100%)	7 (100%)	15951 (100%)	16033

Table 186: Contingency table between readmission 1year and Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7

| readmission_1year | Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7 | | | Total |
	0	1	NA	
0	19 (68%)	1 (33%)	13991 (87%)	14011
1	9 (32%)	2 (67%)	2011 (13%)	2022
Total	28 (100%)	3 (100%)	16002 (100%)	16033

Table 187: Contingency table between readmission 1year and Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8

| readmission_1year | Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8 | | | Total |
	FALSE	TRUE	NA	
0	8 (73%)	1 (100%)	14002 (87%)	14011
1	3 (27%)	0 (0%)	2019 (13%)	2022
Total	11 (100%)	1 (100%)	16021 (100%)	16033

Table 188: Contingency table between readmission 1year and Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9

| readmission_1year | Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9 | | Total |
	FALSE	NA	
0	4 (80%)	14007 (87%)	14011
1	1 (20%)	2021 (13%)	2022
Total	5 (100%)	16028 (100%)	16033

Table 189: Contingency table between readmission 1year and Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10

| readmission__1year | Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10 | | Total |
	FALSE	NA	
0	1 (100%)	14010 (87%)	14011
1	0 (0%)	2022 (13%)	2022
Total	1 (100%)	16032 (100%)	16033

Table 190: Contingency table between readmission 1year and Diálise durante os episódios de hospitalização

| readmission__1year | Diálise durante os episódios de hospitalização | | Total |
	0	1	
0	13969 (87%)	42 (67%)	14011
1	2001 (13%)	21 (33%)	2022
Total	15970 (100%)	63 (100%)	16033

Table 191: Contingency table between readmission 1year and UTI durante os episódios de hospitalização

| readmission__1year | UTI durante os episódios de hospitalização | | Total |
	0	1	
0	11331 (90%)	2680 (79%)	14011
1	1290 (10%)	732 (21%)	2022
Total	12621 (100%)	3412 (100%)	16033

Table 192: Contingency table between readmission 1year and Admissão em até 180 dias antes da T0

| readmission__1year | Admissão em até 180 dias antes da T0 | | Total |
	0	1	
0	13204 (89%)	807 (72%)	14011
1	1712 (11%)	310 (28%)	2022
Total	14916 (100%)	1117 (100%)	16033

Table 193: Contingency table between readmission 1year and Readmissões pós-T0 com diálise

| readmission__1year | Readmissões pós-T0 com diálise | | | | Total |
	0	1	2	3	
0	13998 (87%)	13 (68%)	0 (0%)	0 (0%)	14011
1	2013 (13%)	6 (32%)	2 (100%)	1 (100%)	2022
Total	16011 (100%)	19 (100%)	2 (100%)	1 (100%)	16033

Table 194: Contingency table between readmission 1year and Desfecho principal da admissão T0

| | Desfecho principal da admissão T0 | | |
readmission_1year	0	1	Total
0	13753 (87%)	258 (100%)	14011
1	2022 (13%)	0 (0%)	2022
Total	15775 (100%)	258 (100%)	16033

Table 195: Contingency table between readmission 1year and Desfecho final do estudo

| | Desfecho final do estudo | | | |
readmission_1year	1	2	3	Total
0	2101 (75%)	7021 (91%)	4889 (89%)	14011
1	698 (25%)	716 (9%)	608 (11%)	2022
Total	2799 (100%)	7737 (100%)	5497 (100%)	16033

Table 196: Contingency table between readmission 1year and Óbito intraoperatório

| | Óbito intraoperatório | | |
readmission_1year	0	1	Total
0	14000 (87%)	11 (100%)	14011
1	2022 (13%)	0 (0%)	2022
Total	16022 (100%)	11 (100%)	16033

Table 197: Contingency table between readmission 1year and Ventilação mecânica / IOT

| | Ventilação mecânica / IOT | | |
readmission_1year	0	1	Total
0	11542 (89%)	2469 (82%)	14011
1	1486 (11%)	536 (18%)	2022
Total	13028 (100%)	3005 (100%)	16033