

Tables - readmission__1year

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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

if (outcome_column == 'general') {
  df <- df %>% mutate(general = 'All')
}

df[columns_list$outcome_columns] <- lapply(df[columns_list$outcome_columns], as.character)
df[columns_list$outcome_columns] <- lapply(df[columns_list$outcome_columns], as.integer)
```

Numerical variables

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

```
i <- i + 1
}
```

Table 1: Idade no momento do primeiro procedimento

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|-------|--------------------|-------|---------|
| 0 | 65.908 | 0 | 69.1 | 110.6 | 17.532 | 13754 | 0 |
| 1 | 63.573 | 0 | 67.5 | 98.8 | 19.225 | 2012 | 0 |

Table 2: Número de comorbidades

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 1.206 | 0 | 1 | 8 | 1.325 | 13754 | 0 |
| 1 | 1.561 | 0 | 1 | 8 | 1.488 | 2012 | 0 |

Table 3: Ano do procedimento 1

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|----------|------|--------|------|--------------------|-------|---------|
| 0 | 2010.633 | 1999 | 2010 | 2021 | 5.836 | 13754 | 0 |
| 1 | 2010.290 | 1999 | 2010 | 2021 | 5.428 | 2012 | 0 |

Table 4: Idade no Procedimento 1

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|-------|--------------------|-------|---------|
| 0 | 65.908 | 0 | 69.1 | 110.6 | 17.532 | 13754 | 0 |
| 1 | 63.573 | 0 | 67.5 | 98.8 | 19.225 | 2012 | 0 |

Table 5: Ano do procedimento 2

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|----------|------|--------|------|--------------------|-------|---------|
| 0 | 2013.450 | 1999 | 2014 | 2022 | 4.364 | 13754 | 9691 |
| 1 | 2011.241 | 1999 | 2011 | 2022 | 5.708 | 2012 | 1214 |

Table 6: Idade no Procedimento 2

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|-------|--------------------|-------|---------|
| 0 | 65.834 | 0.4 | 69.80 | 108.7 | 19.163 | 13754 | 9690 |
| 1 | 61.586 | 0.0 | 64.75 | 100.7 | 19.386 | 2012 | 1214 |

Table 7: Ano do procedimento 3

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|----------|------|--------|------|--------------------|-------|---------|
| 0 | 2014.968 | 1999 | 2015 | 2022 | 4.368 | 13754 | 12602 |
| 1 | 2012.028 | 2002 | 2012 | 2022 | 5.446 | 2012 | 1687 |

Table 8: Idade no Procedimento 3

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|-------|--------------------|-------|---------|
| 0 | 62.240 | 3.9 | 66.2 | 101.1 | 20.837 | 13754 | 12602 |
| 1 | 61.167 | 0.4 | 65.6 | 97.6 | 20.437 | 2012 | 1687 |

Table 9: Ano do procedimento 4

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|----------|------|--------|------|--------------------|-------|---------|
| 0 | 2015.074 | 2003 | 2015 | 2022 | 4.363 | 13754 | 13415 |
| 1 | 2013.034 | 2002 | 2014 | 2022 | 5.459 | 2012 | 1866 |

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 | 22.067 | 13754 | 13415 |
| 1 | 61.222 | 1.9 | 66.3 | 96.9 | 21.568 | 2012 | 1866 |

Table 11: Ano do procedimento 5

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|----------|------|--------|------|--------------------|-------|---------|
| 0 | 2014.786 | 2004 | 2015 | 2022 | 3.885 | 13754 | 13614 |
| 1 | 2012.750 | 2003 | 2013 | 2021 | 4.639 | 2012 | 1960 |

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 | 13754 | 13614 |
| 1 | 57.044 | 3.2 | 62.80 | 88.2 | 22.401 | 2012 | 1960 |

Table 13: Ano do procedimento 6

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|----------|------|--------|------|--------------------|-------|---------|
| 0 | 2015.729 | 2004 | 2017 | 2021 | 4.302 | 13754 | 13695 |
| 1 | 2012.045 | 2003 | 2012 | 2020 | 4.157 | 2012 | 1990 |

Table 14: Idade no Procedimento 6

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|------|--------|-------|--------------------|-------|---------|
| 0 | 56.936 | 6.6 | 58.80 | 101.6 | 22.214 | 13754 | 13695 |
| 1 | 52.995 | 10.9 | 60.55 | 88.7 | 23.145 | 2012 | 1990 |

Table 15: Ano do procedimento 7

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|----------|------|--------|------|--------------------|-------|---------|
| 0 | 2016.476 | 2007 | 2018 | 2022 | 4.343 | 13754 | 13733 |
| 1 | 2014.091 | 2010 | 2013 | 2021 | 3.885 | 2012 | 2001 |

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 | 13754 | 13733 |
| 1 | 54.409 | 17.6 | 63.9 | 78.8 | 19.649 | 2012 | 2001 |

Table 17: Ano do procedimento 8

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|----------|------|--------|------|--------------------|-------|---------|
| 0 | 2015.222 | 2008 | 2016 | 2020 | 4.206 | 13754 | 13745 |
| 1 | 2014.000 | 2010 | 2015 | 2017 | 3.606 | 2012 | 2009 |

Table 18: Idade no Procedimento 8

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|------|--------|------|--------------------|-------|---------|
| 0 | 55.444 | 14.3 | 61.7 | 81.8 | 22.865 | 13754 | 13745 |
| 1 | 42.800 | 17.6 | 42.4 | 68.4 | 25.402 | 2012 | 2009 |

Table 19: Ano do procedimento 9

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|------|--------|------|--------------------|-------|---------|
| 0 | 2014.5 | 2009 | 2013.5 | 2022 | 5.802 | 13754 | 13750 |
| 1 | 2016.0 | 2016 | 2016.0 | 2016 | NA | 2012 | 2011 |

Table 20: Idade no Procedimento 9

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|------|--------|------|--------------------|-------|---------|
| 0 | 44.1 | 15.0 | 39.6 | 82.2 | 28.029 | 13754 | 13750 |
| 1 | 22.9 | 22.9 | 22.9 | 22.9 | NA | 2012 | 2011 |

Table 21: Ano do procedimento 10

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|------|--------|------|--------------------|-------|---------|
| 0 | 2019 | 2019 | 2019 | 2019 | NA | 13754 | 13753 |
| 1 | NaN | NA | NA | NA | NA | 2012 | 2012 |

Table 22: Idade no Procedimento 10

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|------|--------|------|--------------------|-------|---------|
| 0 | 39.7 | 39.7 | 39.7 | 39.7 | NA | 13754 | 13753 |
| 1 | NaN | NA | NA | NA | NA | 2012 | 2012 |

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

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|-------|--------------------|-------|---------|
| 0 | 82.595 | 0 | 89.10 | 197.1 | 33.711 | 13754 | 9690 |
| 1 | 26.023 | 0 | 5.95 | 155.5 | 36.879 | 2012 | 1214 |

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

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|-------|--------------------|-------|---------|
| 0 | 59.500 | 0 | 64.65 | 170.5 | 38.439 | 13754 | 12602 |
| 1 | 42.072 | 0 | 32.20 | 132.5 | 41.301 | 2012 | 1687 |

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

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|-------|--------------------|-------|---------|
| 0 | 38.796 | 0.0 | 33.35 | 142.7 | 38.397 | 13754 | 13416 |
| 1 | 41.476 | 0.1 | 25.50 | 137.4 | 43.015 | 2012 | 1866 |

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

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|-------|--------------------|-------|---------|
| 0 | 30.172 | 0.0 | 5.65 | 127.6 | 36.439 | 13754 | 13614 |
| 1 | 38.310 | 0.1 | 17.30 | 144.3 | 43.156 | 2012 | 1960 |

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

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|-------|--------------------|-------|---------|
| 0 | 31.083 | 0.0 | 6.20 | 110.3 | 36.941 | 13754 | 13695 |
| 1 | 18.623 | 0.1 | 4.45 | 82.4 | 27.338 | 2012 | 1990 |

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 | 13754 | 13733 |
| 1 | 20.900 | 0.1 | 3.9 | 93.1 | 35.544 | 2012 | 2001 |

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

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|------|--------------------|-------|---------|
| 0 | 14.289 | 0.2 | 2.2 | 80.9 | 27.172 | 13754 | 13745 |
| 1 | 37.067 | 0.6 | 52.2 | 58.4 | 31.733 | 2012 | 2009 |

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

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|------|--------|------|--------------------|-------|---------|
| 0 | 11.35 | 4.8 | 6.9 | 26.8 | 10.451 | 13754 | 13750 |
| 1 | 63.20 | 63.2 | 63.2 | 63.2 | NA | 2012 | 2011 |

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

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|------|--------|------|--------------------|-------|---------|
| 0 | 36.8 | 36.8 | 36.8 | 36.8 | NA | 13754 | 13753 |
| 1 | NaN | NA | NA | NA | NA | 2012 | 2012 |

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 | 13754 | 9691 |
| 1 | 0.126 | 0 | 0 | 2 | 0.357 | 2012 | 1216 |

Table 33: Número de atendimentos

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 2.043 | 1 | 1 | 25 | 1.661 | 13754 | 0 |
| 1 | 4.689 | 2 | 3 | 51 | 3.705 | 2012 | 0 |

Table 34: Número da Admissão T0 (admissão índice)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 1.353 | 1 | 1 | 22 | 0.923 | 13754 | 0 |
| 1 | 1.992 | 1 | 1 | 32 | 1.921 | 2012 | 0 |

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

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.609 | 0 | 0 | 18 | 1.231 | 13754 | 0 |
| 1 | 2.603 | 0 | 2 | 50 | 2.910 | 2012 | 0 |

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

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.461 | 0 | 0 | 21 | 1.017 | 13754 | 0 |
| 1 | 1.088 | 0 | 0 | 38 | 2.155 | 2012 | 0 |

Table 37: Ano da admissão T0

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|----------|------|--------|------|--------------------|-------|---------|
| 0 | 2010.627 | 1999 | 2010 | 2021 | 5.837 | 13754 | 15 |
| 1 | 2010.274 | 1999 | 2010 | 2021 | 5.428 | 2012 | 5 |

Table 38: UTI durante a admissão T0

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|--------|--------------------|-------|---------|
| 0 | 1.321 | 0 | 0 | 191.95 | 5.538 | 13754 | 0 |
| 1 | 3.839 | 0 | 0 | 188.00 | 11.806 | 2012 | 0 |

Table 39: Diálise durante a admissão T0

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.007 | 0 | 0 | 28 | 0.312 | 13754 | 0 |
| 1 | 0.042 | 0 | 0 | 25 | 0.839 | 2012 | 0 |

Table 40: Readmissão em até 30 dias

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.0 | 0 | 0 | 0 | 0.000 | 13754 | 0 |
| 1 | 0.3 | 0 | 0 | 1 | 0.458 | 2012 | 0 |

Table 41: Readmissão entre 31 a 60 dias

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.00 | 0 | 0 | 0 | 0.000 | 13754 | 0 |
| 1 | 0.45 | 0 | 0 | 1 | 0.498 | 2012 | 0 |

Table 42: Readmissão entre 61 a 180 dias

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.00 | 0 | 0 | 0 | 0.000 | 13754 | 0 |
| 1 | 0.74 | 0 | 1 | 1 | 0.439 | 2012 | 0 |

Table 43: Readmissão em até 1 ano

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0 | 0 | 0 | 0 | 0 | 13754 | 0 |
| 1 | 1 | 1 | 1 | 1 | 0 | 2012 | 0 |

Table 44: Tempo de seguimento total (anos)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|------|--------------------|-------|---------|
| 0 | 6.063 | 0 | 4.7 | 22.6 | 5.281 | 13754 | 0 |
| 1 | 4.623 | 0 | 3.0 | 22.1 | 4.769 | 2012 | 0 |

Table 45: Óbito intraoperatório

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0 | 0 | 0 | 1 | 0.017 | 13754 | 0 |
| 1 | 0 | 0 | 0 | 0 | 0.000 | 2012 | 0 |

Table 46: Óbito hospitalar (intraoperatório ou admissao T0)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0 | 0 | 0 | 1 | 0.017 | 13754 | 0 |
| 1 | 0 | 0 | 0 | 0 | 0.000 | 2012 | 0 |

Table 47: Óbito durante algum episódio de readmissão hospitalar

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.053 | 0 | 0 | 1 | 0.223 | 13754 | 0 |
| 1 | 0.288 | 0 | 0 | 1 | 0.453 | 2012 | 0 |

Table 48: 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 | 13754 | 0 |
| 1 | 0.021 | 0 | 0 | 1 | 0.143 | 2012 | 0 |

Table 49: Óbito em até 180 dias após a alta T0

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.009 | 0 | 0 | 1 | 0.092 | 13754 | 0 |
| 1 | 0.106 | 0 | 0 | 1 | 0.308 | 2012 | 0 |

Table 50: Óbito em até 1 ano após a alta T0

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.013 | 0 | 0 | 1 | 0.111 | 13754 | 0 |
| 1 | 0.171 | 0 | 0 | 1 | 0.377 | 2012 | 0 |

Table 51: Óbito em até 2 anos após a alta T0

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.023 | 0 | 0 | 1 | 0.149 | 13754 | 0 |
| 1 | 0.221 | 0 | 0 | 1 | 0.415 | 2012 | 0 |

Table 52: Óbito em até 3 anos após a alta T0

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.031 | 0 | 0 | 1 | 0.173 | 13754 | 0 |
| 1 | 0.242 | 0 | 0 | 1 | 0.428 | 2012 | 0 |

Table 53: Óbito (status final)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.134 | 0 | 0 | 1 | 0.341 | 13754 | 0 |
| 1 | 0.346 | 0 | 0 | 1 | 0.476 | 2012 | 0 |

Table 54: Tempo de sobrevida (anos)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|------|--------------------|-------|---------|
| 0 | 5.149 | 0 | 4.1 | 20.1 | 4.292 | 13754 | 12629 |
| 1 | 2.210 | 0 | 0.9 | 17.3 | 2.926 | 2012 | 1372 |

Table 55: Diárias no serviço de Emergência na admissão T0

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.294 | 0 | 0 | 27 | 1.292 | 13754 | 5180 |
| 1 | 0.461 | 0 | 0 | 28 | 1.706 | 2012 | 749 |

Table 56: Anticoagulantes orais

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|------|--------------------|-------|---------|
| 0 | 0.246 | 0 | 0 | 98.0 | 2.282 | 13754 | 3057 |
| 1 | 0.643 | 0 | 0 | 60.5 | 3.255 | 2012 | 426 |

Table 57: Antiarritmicos

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|-----|--------------------|-------|---------|
| 0 | 2.737 | 0 | 0 | 286 | 13.351 | 13754 | 3057 |
| 1 | 10.314 | 0 | 0 | 844 | 38.138 | 2012 | 426 |

Table 58: Antihipertensivo

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.428 | 0 | 0 | 349 | 5.206 | 13754 | 3057 |
| 1 | 0.738 | 0 | 0 | 160 | 6.277 | 2012 | 426 |

Table 59: Betabloqueador

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.896 | 0 | 0 | 288 | 6.308 | 13754 | 3057 |
| 1 | 2.387 | 0 | 0 | 388 | 15.315 | 2012 | 426 |

Table 60: IECA/BRA

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|-----|--------------------|-------|---------|
| 0 | 8.128 | 0 | 2 | 530 | 19.071 | 13754 | 3057 |
| 1 | 13.960 | 0 | 4 | 332 | 28.585 | 2012 | 426 |

Table 61: DVA

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|------|--------------------|-------|---------|
| 0 | 3.882 | 0 | 0 | 594 | 23.317 | 13754 | 3057 |
| 1 | 12.949 | 0 | 0 | 1044 | 52.872 | 2012 | 426 |

Table 62: Digoxina

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.189 | 0 | 0 | 50 | 1.404 | 13754 | 3057 |
| 1 | 0.532 | 0 | 0 | 47 | 2.716 | 2012 | 426 |

Table 63: Estatinas

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 4.462 | 0 | 0 | 421 | 14.467 | 13754 | 3057 |
| 1 | 9.600 | 0 | 0 | 413 | 26.224 | 2012 | 426 |

Table 64: Diuretico

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|--------|--------------------|-------|---------|
| 0 | 6.319 | 0 | 0 | 1041.5 | 30.961 | 13754 | 3057 |
| 1 | 23.033 | 0 | 2 | 1290.0 | 94.279 | 2012 | 426 |

Table 65: Vasodilator

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|--------|--------------------|-------|---------|
| 0 | 6.565 | 0 | 0 | 865.5 | 35.474 | 13754 | 3057 |
| 1 | 25.306 | 0 | 0 | 2408.0 | 102.991 | 2012 | 426 |

Table 66: Insuficiência cardíaca (ivabradina, levosimendan, milrinona, nesiritida, carvedilol)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 3.675 | 0 | 0 | 426 | 14.318 | 13754 | 3057 |
| 1 | 9.822 | 0 | 0 | 453 | 26.302 | 2012 | 426 |

Table 67: Antagonista da Aldosterona (espironolactona)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 1.610 | 0 | 0 | 204 | 6.319 | 13754 | 3057 |
| 1 | 4.921 | 0 | 0 | 162 | 13.691 | 2012 | 426 |

Table 68: Bloqueador do canal de calcio

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.265 | 0 | 0 | 254 | 4.462 | 13754 | 3057 |
| 1 | 2.980 | 0 | 0 | 509 | 23.926 | 2012 | 426 |

Table 69: Trombolitico

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.001 | 0 | 0 | 3 | 0.040 | 13754 | 3057 |
| 1 | 0.001 | 0 | 0 | 1 | 0.035 | 2012 | 426 |

Table 70: Antiplaquetario VO

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0 | 0 | 0 | 0 | 0 | 13754 | 3057 |
| 1 | 0 | 0 | 0 | 0 | 0 | 2012 | 426 |

Table 71: Antiplaquetario EV

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.008 | 0 | 0 | 8 | 0.159 | 13754 | 3057 |
| 1 | 0.027 | 0 | 0 | 5 | 0.256 | 2012 | 426 |

Table 72: Insulina

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.088 | 0 | 0 | 16 | 0.455 | 13754 | 3057 |
| 1 | 0.142 | 0 | 0 | 7 | 0.566 | 2012 | 426 |

Table 73: Hipoglicemiante

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.336 | 0 | 0 | 79 | 2.569 | 13754 | 3057 |
| 1 | 0.518 | 0 | 0 | 90 | 4.247 | 2012 | 426 |

Table 74: Hormonio tireoidiano

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0 | 0 | 0 | 0 | 0 | 13754 | 3057 |
| 1 | 0 | 0 | 0 | 0 | 0 | 2012 | 426 |

Table 75: Broncodilador

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0 | 0 | 0 | 0 | 0 | 13754 | 3057 |
| 1 | 0 | 0 | 0 | 0 | 0 | 2012 | 426 |

Table 76: Anticonvulsivante

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.595 | 0 | 0 | 334 | 7.244 | 13754 | 3057 |
| 1 | 2.799 | 0 | 0 | 390 | 22.641 | 2012 | 426 |

Table 77: Psicofármacos (Ansiolítico/ antidepresivo/ antipsicótico)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 3.070 | 0 | 0.00 | 387 | 10.482 | 13754 | 3057 |
| 1 | 7.779 | 0 | 0.75 | 251 | 20.873 | 2012 | 426 |

Table 78: Antibióticos

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|------|--------------------|-------|---------|
| 0 | 11.877 | 0 | 4 | 1812 | 56.321 | 13754 | 3057 |
| 1 | 23.452 | 0 | 4 | 1459 | 76.913 | 2012 | 426 |

Table 79: Antifúngicos

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.215 | 0 | 0 | 122 | 2.918 | 13754 | 3057 |
| 1 | 0.710 | 0 | 0 | 99 | 4.823 | 2012 | 426 |

Table 80: Antiviral

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.032 | 0 | 0 | 50 | 1.004 | 13754 | 3057 |
| 1 | 0.584 | 0 | 0 | 131 | 6.397 | 2012 | 426 |

Table 81: Antiretroviral

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.007 | 0 | 0 | 32 | 0.436 | 13754 | 3057 |
| 1 | 0.017 | 0 | 0 | 20 | 0.518 | 2012 | 426 |

Table 82: Quantidade de classes medicamentosas utilizadas

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 4.540 | 1 | 4 | 17 | 2.434 | 13754 | 4335 |
| 1 | 6.137 | 1 | 6 | 16 | 2.814 | 2012 | 620 |

Table 83: Ventilação não invasiva

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.022 | 0 | 0 | 42 | 0.669 | 13754 | 2405 |
| 1 | 0.001 | 0 | 0 | 2 | 0.049 | 2012 | 329 |

Table 84: Instalação de CEC

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.010 | 0 | 0 | 2 | 0.099 | 13754 | 2405 |
| 1 | 0.026 | 0 | 0 | 1 | 0.160 | 2012 | 329 |

Table 85: Cirurgia Cardiovascular

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.054 | 0 | 0 | 9 | 0.361 | 13754 | 2405 |
| 1 | 0.071 | 0 | 0 | 6 | 0.448 | 2012 | 329 |

Table 86: Transplante cardíaco

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.000 | 0 | 0 | 1 | 0.013 | 13754 | 2405 |
| 1 | 0.011 | 0 | 0 | 1 | 0.106 | 2012 | 329 |

Table 87: Cirurgia Toracica

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.002 | 0 | 0 | 4 | 0.062 | 13754 | 2405 |
| 1 | 0.006 | 0 | 0 | 2 | 0.097 | 2012 | 329 |

Table 88: Outros procedimentos cirúrgicos (cir geral, gastrocir, plástica, uro, vascular)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.093 | 0 | 0 | 11 | 0.488 | 13754 | 2405 |
| 1 | 0.191 | 0 | 0 | 9 | 0.740 | 2012 | 329 |

Table 89: Traqueostomia

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.001 | 0 | 0 | 2 | 0.034 | 13754 | 2405 |
| 1 | 0.004 | 0 | 0 | 5 | 0.127 | 2012 | 329 |

Table 90: Intervenção coronária percutânea

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.008 | 0 | 0 | 3 | 0.108 | 13754 | 2405 |
| 1 | 0.028 | 0 | 0 | 4 | 0.228 | 2012 | 329 |

Table 91: 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 | 13754 | 2405 |
| 1 | 0.012 | 0 | 0 | 2 | 0.128 | 2012 | 329 |

Table 92: Stent

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0 | 0 | 0 | 0 | 0 | 13754 | 2405 |
| 1 | 0 | 0 | 0 | 0 | 0 | 2012 | 329 |

Table 93: Angioplastia

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.001 | 0 | 0 | 2 | 0.034 | 13754 | 2405 |
| 1 | 0.004 | 0 | 0 | 1 | 0.064 | 2012 | 329 |

Table 94: Cateterismo

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.108 | 0 | 0 | 4 | 0.372 | 13754 | 2405 |
| 1 | 0.223 | 0 | 0 | 7 | 0.559 | 2012 | 329 |

Table 95: Eletrofisiologia

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.071 | 0 | 0 | 11 | 0.444 | 13754 | 2405 |
| 1 | 0.156 | 0 | 0 | 7 | 0.641 | 2012 | 329 |

Table 96: Suporte cardiocirculatório (ECMO, BIA, Bio-PUMP)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.022 | 0 | 0 | 152 | 1.627 | 13754 | 2405 |
| 1 | 0.672 | 0 | 0 | 535 | 14.634 | 2012 | 329 |

Table 97: Cateter venoso central

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.021 | 0 | 0 | 4 | 0.166 | 13754 | 2405 |
| 1 | 0.077 | 0 | 0 | 4 | 0.362 | 2012 | 329 |

Table 98: 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 | 6 | 0.098 | 13754 | 2405 |
| 1 | 0.009 | 0 | 0 | 4 | 0.148 | 2012 | 329 |

Table 99: Quantidade de procedimentos invasivos

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.403 | 0 | 0 | 159 | 2.122 | 13754 | 2405 |
| 1 | 1.491 | 0 | 0 | 554 | 15.358 | 2012 | 329 |

Table 100: Cardioversão/ Desfibrilação (sessão)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.005 | 0 | 0 | 5 | 0.105 | 13754 | 3128 |
| 1 | 0.017 | 0 | 0 | 4 | 0.198 | 2012 | 438 |

Table 101: Transfusão de hemoderivados

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.023 | 0 | 0 | 34 | 0.484 | 13754 | 2405 |
| 1 | 0.078 | 0 | 0 | 18 | 0.764 | 2012 | 329 |

Table 102: Interconsulta médica (Especialidades cirúrgicas, infecto, uro, nefro, psiquiatra, dermatologista, alergista, oncologista, geriatra, etc)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.282 | 0 | 0 | 72 | 1.673 | 13754 | 2405 |
| 1 | 0.809 | 0 | 0 | 199 | 6.388 | 2012 | 329 |

Table 103: Equipe Multiprofissional (enf, fono, fisio, nutri, serviço social, psicologia)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 2.502 | 0 | 0 | 365 | 11.01 | 13754 | 2405 |
| 1 | 6.326 | 0 | 1 | 328 | 21.53 | 2012 | 329 |

Table 104: ECG

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 3.553 | 0 | 2 | 79 | 4.993 | 13754 | 2405 |
| 1 | 6.187 | 0 | 3 | 140 | 9.132 | 2012 | 329 |

Table 105: Holter

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.091 | 0 | 0 | 5 | 0.332 | 13754 | 2405 |
| 1 | 0.195 | 0 | 0 | 5 | 0.464 | 2012 | 329 |

Table 106: Teste de esforço

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.010 | 0 | 0 | 3 | 0.103 | 13754 | 2405 |
| 1 | 0.015 | 0 | 0 | 2 | 0.133 | 2012 | 329 |

Table 107: Espirometria / Ergoespirometria

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.004 | 0 | 0 | 2 | 0.063 | 13754 | 2405 |
| 1 | 0.011 | 0 | 0 | 1 | 0.103 | 2012 | 329 |

Table 108: Tilt Test

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.002 | 0 | 0 | 2 | 0.048 | 13754 | 2405 |
| 1 | 0.005 | 0 | 0 | 1 | 0.069 | 2012 | 329 |

Table 109: Polissonografia

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.001 | 0 | 0 | 2 | 0.040 | 13754 | 2405 |
| 1 | 0.003 | 0 | 0 | 2 | 0.064 | 2012 | 329 |

Table 110: Quantidade de exames por métodos gráficos

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 3.661 | 0 | 2 | 79 | 5.13 | 13754 | 2405 |
| 1 | 6.416 | 0 | 4 | 140 | 9.28 | 2012 | 329 |

Table 111: Exames laboratoriais (exames bioquímicos, exames hematologia/coagulação, anticorpos, dosagem sérica de fármacos)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|---------|-----|--------|------|--------------------|-------|---------|
| 0 | 49.341 | 0 | 9 | 3151 | 136.105 | 13754 | 2405 |
| 1 | 125.445 | 0 | 28 | 3474 | 290.772 | 2012 | 329 |

Table 112: Culturas (hemocultura, cultura de secreções, urocultura e cultura de cateteres)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.248 | 0 | 0 | 25 | 1.001 | 13754 | 2405 |
| 1 | 0.600 | 0 | 0 | 19 | 1.775 | 2012 | 329 |

Table 113: Quantidade de exames de análises clínicas

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|---------|-----|--------|------|--------------------|-------|---------|
| 0 | 49.589 | 0 | 9 | 3176 | 136.845 | 13754 | 2405 |
| 1 | 126.045 | 0 | 28 | 3487 | 292.236 | 2012 | 329 |

Table 114: Citologias

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.004 | 0 | 0 | 5 | 0.076 | 13754 | 2405 |
| 1 | 0.020 | 0 | 0 | 4 | 0.199 | 2012 | 329 |

Table 115: 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 | 0.107 | 13754 | 2405 |
| 1 | 0.086 | 0 | 0 | 10 | 0.655 | 2012 | 329 |

Table 116: Quantidade de exames histopatológicos

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.008 | 0 | 0 | 5 | 0.131 | 13754 | 2405 |
| 1 | 0.106 | 0 | 0 | 10 | 0.710 | 2012 | 329 |

Table 117: Angio RM

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.003 | 0 | 0 | 3 | 0.068 | 13754 | 2405 |
| 1 | 0.012 | 0 | 0 | 4 | 0.158 | 2012 | 329 |

Table 118: Angio TC

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.030 | 0 | 0 | 6 | 0.214 | 13754 | 2405 |
| 1 | 0.059 | 0 | 0 | 5 | 0.331 | 2012 | 329 |

Table 119: Angiografia

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.002 | 0 | 0 | 3 | 0.052 | 13754 | 2405 |
| 1 | 0.002 | 0 | 0 | 1 | 0.042 | 2012 | 329 |

Table 120: Aortografia

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.002 | 0 | 0 | 2 | 0.046 | 13754 | 2405 |
| 1 | 0.004 | 0 | 0 | 2 | 0.073 | 2012 | 329 |

Table 121: Arteriografia

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.000 | 0 | 0 | 1 | 0.016 | 13754 | 2405 |
| 1 | 0.003 | 0 | 0 | 2 | 0.064 | 2012 | 329 |

Table 122: Cavografia

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.007 | 0 | 0 | 1 | 0.084 | 13754 | 2405 |
| 1 | 0.008 | 0 | 0 | 1 | 0.088 | 2012 | 329 |

Table 123: Cintilografia

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.056 | 0 | 0 | 5 | 0.329 | 13754 | 2405 |
| 1 | 0.130 | 0 | 0 | 4 | 0.489 | 2012 | 329 |

Table 124: Ecocardiograma

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.467 | 0 | 0 | 15 | 0.957 | 13754 | 2405 |
| 1 | 0.986 | 0 | 0 | 24 | 2.203 | 2012 | 329 |

Table 125: Exames endoscópicos (EDA, colonoscopia, retossigmoidoscopia, broncoscopia)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.011 | 0 | 0 | 6 | 0.141 | 13754 | 2405 |
| 1 | 0.047 | 0 | 0 | 4 | 0.286 | 2012 | 329 |

Table 126: Flebografia

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.033 | 0 | 0 | 5 | 0.276 | 13754 | 2405 |
| 1 | 0.051 | 0 | 0 | 5 | 0.357 | 2012 | 329 |

Table 127: PET-CT

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.004 | 0 | 0 | 3 | 0.071 | 13754 | 2405 |
| 1 | 0.009 | 0 | 0 | 2 | 0.100 | 2012 | 329 |

Table 128: Ultrassom

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.136 | 0 | 0 | 14 | 0.655 | 13754 | 2405 |
| 1 | 0.414 | 0 | 0 | 14 | 1.298 | 2012 | 329 |

Table 129: Tomografia

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.132 | 0 | 0 | 15 | 0.576 | 13754 | 2405 |
| 1 | 0.325 | 0 | 0 | 12 | 1.027 | 2012 | 329 |

Table 130: Radiografias

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 2.621 | 0 | 1 | 160 | 5.793 | 13754 | 2405 |
| 1 | 5.245 | 0 | 2 | 192 | 12.526 | 2012 | 329 |

Table 131: Ressonancia magnetica

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.063 | 0 | 0 | 6 | 0.285 | 13754 | 2405 |
| 1 | 0.144 | 0 | 0 | 4 | 0.429 | 2012 | 329 |

Table 132: Quantidade de exames diagnóstico por imagem

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 3.566 | 0 | 2 | 183 | 7.260 | 13754 | 2405 |
| 1 | 7.438 | 0 | 3 | 232 | 15.586 | 2012 | 329 |

Table 133: Dieta enteral (frasco)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.017 | 0 | 0 | 91 | 0.957 | 13754 | 3130 |
| 1 | 0.159 | 0 | 0 | 115 | 4.059 | 2012 | 438 |

Table 134: Dieta parenteral (frasco)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.000 | 0 | 0 | 3 | 0.031 | 13754 | 3130 |
| 1 | 0.006 | 0 | 0 | 5 | 0.149 | 2012 | 438 |

Table 135: Bomba de infusão contínua (horas)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|------|--------------------|-------|---------|
| 0 | 0.570 | 0 | 0 | 1269 | 15.810 | 13754 | 3130 |
| 1 | 3.429 | 0 | 0 | 1527 | 49.091 | 2012 | 438 |

Table 136: Marca-passo temporário (por hora)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.134 | 0 | 0 | 180 | 2.781 | 13754 | 3130 |
| 1 | 0.323 | 0 | 0 | 109 | 4.290 | 2012 | 438 |

Table 137: Número de procedimentos na admissão T0

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 1.015 | 1 | 1 | 5 | 0.138 | 13754 | 0 |
| 1 | 1.018 | 1 | 1 | 3 | 0.145 | 2012 | 0 |

Table 138: Número de procedimentos em até 30 dias

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.000 | 0 | 0 | 1 | 0.017 | 13754 | 0 |
| 1 | 0.061 | 0 | 0 | 3 | 0.263 | 2012 | 0 |

Table 139: Número de procedimentos em até 60 dias

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.000 | 0 | 0 | 1 | 0.015 | 13754 | 0 |
| 1 | 0.069 | 0 | 0 | 3 | 0.278 | 2012 | 0 |

Table 140: Número de procedimentos em até 180 dias

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.000 | 0 | 0 | 1 | 0.009 | 13754 | 0 |
| 1 | 0.098 | 0 | 0 | 4 | 0.355 | 2012 | 0 |

Table 141: Número de procedimentos em até 1 ano

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 0.000 | 0 | 0 | 1 | 0.015 | 13754 | 0 |
| 1 | 0.085 | 0 | 0 | 3 | 0.339 | 2012 | 0 |

Table 142: Quantidade de classes medicamentosas de ação cardiovascular

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|-------|-----|--------|-----|--------------------|-------|---------|
| 0 | 2.976 | 1 | 3 | 10 | 1.693 | 13754 | 5834 |
| 1 | 3.934 | 1 | 4 | 10 | 1.984 | 2012 | 701 |

Table 143: Quantidade de medicamentos de ação cardiovascular

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|---------|-----|--------|--------|--------------------|-------|---------|
| 0 | 34.694 | 0 | 9.00 | 1715.5 | 96.515 | 13754 | 3057 |
| 1 | 106.943 | 0 | 23.25 | 5140.0 | 264.366 | 2012 | 426 |

Table 144: Quantidade de antimicrobianos (antibióticos e antifúngicos)

| readmission_1year | Mean | Min | Median | Max | Standard Deviation | N | Missing |
|-------------------|--------|-----|--------|------|--------------------|-------|---------|
| 0 | 12.092 | 0 | 4 | 1812 | 57.251 | 13754 | 3057 |
| 1 | 24.161 | 0 | 4 | 1459 | 79.004 | 2012 | 426 |

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 145: Contingency table between readmission 1year and Sexo

| readmission_1year | Sexo | | Total |
|-------------------|-------------|-------------|-------|
| | 0 | 1 | |
| 0 | 6600 (89%) | 7154 (86%) | 13754 |
| 1 | 849 (11%) | 1163 (14%) | 2012 |
| Total | 7449 (100%) | 8317 (100%) | 15766 |

Table 146: Contingency table between readmission 1year and Doença cardíaca

| readmission_1year | Doença cardíaca | | | | Total |
|-------------------|-----------------|-------------|-------------|-------------|-------|
| | 0 | 1 | 2 | NA | |
| 0 | 8084 (88%) | 938 (82%) | 2960 (85%) | 1772 (88%) | 13754 |
| 1 | 1072 (12%) | 205 (18%) | 503 (15%) | 232 (12%) | 2012 |
| Total | 9156 (100%) | 1143 (100%) | 3463 (100%) | 2004 (100%) | 15766 |

Table 147: Contingency table between readmission 1year and Classe funcional de IC (NYHA)

| readmission_1year | Classe funcional de IC (NYHA) | | | Total |
|-------------------|-------------------------------|-------------|-------------|-------|
| | 1 | 2 | NA | |
| 0 | 5321 (89%) | 1099 (82%) | 7334 (87%) | 13754 |
| 1 | 674 (11%) | 247 (18%) | 1091 (13%) | 2012 |
| Total | 5995 (100%) | 1346 (100%) | 8425 (100%) | 15766 |

Table 148: Contingency table between readmission 1year and Hipertensão arterial

| readmission_1year | Hipertensão arterial | | Total |
|-------------------|----------------------|-------------|-------|
| | 0 | 1 | |
| 0 | 10400 (87%) | 3354 (88%) | 13754 |
| 1 | 1533 (13%) | 479 (12%) | 2012 |
| Total | 11933 (100%) | 3833 (100%) | 15766 |

Table 149: 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 | 12564 (88%) | 1190 (82%) | 13754 |
| 1 | 1759 (12%) | 253 (18%) | 2012 |
| Total | 14323 (100%) | 1443 (100%) | 15766 |

Table 150: Contingency table between readmission 1year and Insuficiência cardíaca

| readmission_1year | Insuficiência cardíaca | | Total |
|-------------------|------------------------|-------------|-------|
| | 0 | 1 | |
| 0 | 9121 (90%) | 4633 (82%) | 13754 |
| 1 | 1004 (10%) | 1008 (18%) | 2012 |
| Total | 10125 (100%) | 5641 (100%) | 15766 |

Table 151: Contingency table between readmission 1year and Fibrilação / flutter atrial

| readmission_1year | Fibrilação / flutter atrial | | Total |
|-------------------|-----------------------------|-------------|-------|
| | 0 | 1 | |
| 0 | 11731 (88%) | 2023 (85%) | 13754 |
| 1 | 1652 (12%) | 360 (15%) | 2012 |
| Total | 13383 (100%) | 2383 (100%) | 15766 |

Table 152: Contingency table between readmission 1year and Parada cardíaca prévia/ Taquicardia ventricular instável

| readmission_1year | Parada cardíaca prévia/ Taquicardia ventricular instável | | Total |
|-------------------|--|-------------|-------|
| | 0 | 1 | |
| 0 | 12161 (88%) | 1593 (84%) | 13754 |
| 1 | 1712 (12%) | 300 (16%) | 2012 |
| Total | 13873 (100%) | 1893 (100%) | 15766 |

Table 153: Contingency table between readmission 1year and Transplante cardíaco prévio

| readmission_1year | Transplante cardíaco prévio | | Total |
|-------------------|-----------------------------|-----------|-------|
| | 0 | 1 | |
| 0 | 13749 (87%) | 5 (42%) | 13754 |
| 1 | 2005 (13%) | 7 (58%) | 2012 |
| Total | 15754 (100%) | 12 (100%) | 15766 |

Table 154: Contingency table between readmission 1year and Valvopatias/ Prótese valvares

| readmission_1year | Valvopatias/ Prótese valvares | | Total |
|-------------------|-------------------------------|-------------|-------|
| | 0 | 1 | |
| 0 | 12882 (88%) | 872 (83%) | 13754 |
| 1 | 1830 (12%) | 182 (17%) | 2012 |
| Total | 14712 (100%) | 1054 (100%) | 15766 |

Table 155: Contingency table between readmission 1year and Endocardite prévia

| readmission_1year | Endocardite prévia | | Total |
|-------------------|--------------------|------------|-------|
| | 0 | 1 | |
| 0 | 13646 (87%) | 108 (81%) | 13754 |
| 1 | 1987 (13%) | 25 (19%) | 2012 |
| Total | 15633 (100%) | 133 (100%) | 15766 |

Table 156: Contingency table between readmission 1year and Diabetes melittus

| readmission_1year | Diabetes melittus | | Total |
|-------------------|-------------------|-------------|-------|
| | 0 | 1 | |
| 0 | 12162 (88%) | 1592 (85%) | 13754 |
| 1 | 1728 (12%) | 284 (15%) | 2012 |
| Total | 13890 (100%) | 1876 (100%) | 15766 |

Table 157: Contingency table between readmission 1year and Insuficiência renal crônica

| readmission_1year | Insuficiência renal crônica | | Total |
|-------------------|-----------------------------|------------|-------|
| | 0 | 1 | |
| 0 | 13243 (87%) | 511 (82%) | 13754 |
| 1 | 1903 (13%) | 109 (18%) | 2012 |
| Total | 15146 (100%) | 620 (100%) | 15766 |

Table 158: Contingency table between readmission 1year and Hemodiálise

| readmission_1year | Hemodiálise | | Total |
|-------------------|--------------|-----------|-------|
| | 0 | 1 | |
| 0 | 13742 (87%) | 12 (63%) | 13754 |
| 1 | 2005 (13%) | 7 (37%) | 2012 |
| Total | 15747 (100%) | 19 (100%) | 15766 |

Table 159: 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 | 13327 (87%) | 427 (86%) | 13754 |
| 1 | 1940 (13%) | 72 (14%) | 2012 |
| Total | 15267 (100%) | 499 (100%) | 15766 |

Table 160: Contingency table between readmission 1year and Doença pulmonar obstrutiva crônica

| readmission_1year | Doença pulmonar obstrutiva crônica | | Total |
|-------------------|------------------------------------|------------|-------|
| | 0 | 1 | |
| 0 | 13577 (87%) | 177 (83%) | 13754 |
| 1 | 1976 (13%) | 36 (17%) | 2012 |
| Total | 15553 (100%) | 213 (100%) | 15766 |

Table 161: 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 | 13659 (87%) | 95 (84%) | 13754 |
| 1 | 1994 (13%) | 18 (16%) | 2012 |
| Total | 15653 (100%) | 113 (100%) | 15766 |

Table 162: Contingency table between readmission 1year and Tipo de Procedimento 1

| readmission_1year | Tipo de Procedimento 1 | | Total |
|-------------------|------------------------|-------------|-------|
| | 1 | 2 | |
| 0 | 9295 (85%) | 4459 (92%) | 13754 |
| 1 | 1617 (15%) | 395 (8%) | 2012 |
| Total | 10912 (100%) | 4854 (100%) | 15766 |

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

| readmission_1year | Tipo de Reoperação 1 | | | | Total |
|-------------------|----------------------|------------|-----------|--------------|-------|
| | 1 | 2 | 3 | NA | |
| 0 | 3640 (93%) | 792 (87%) | 27 (82%) | 9295 (85%) | 13754 |
| 1 | 272 (7%) | 117 (13%) | 6 (18%) | 1617 (15%) | 2012 |
| Total | 3912 (100%) | 909 (100%) | 33 (100%) | 10912 (100%) | 15766 |

Table 164: Contingency table between readmission 1year and Tipo de Procedimento 1 (merge: procedure type com reop type)

| readmission_1year | Tipo de Procedimento 1 (merge: procedure type com reop type) | | | | Total |
|-------------------|--|-------------|------------|-----------|-------|
| | 1 | 2 | 3 | 4 | |
| 0 | 9295 (85%) | 3640 (93%) | 792 (87%) | 27 (82%) | 13754 |
| 1 | 1617 (15%) | 272 (7%) | 117 (13%) | 6 (18%) | 2012 |
| Total | 10912 (100%) | 3912 (100%) | 909 (100%) | 33 (100%) | 15766 |

Table 165: 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 | 11015 (90%) | 1405 (79%) | 1012 (81%) | 322 (72%) | 13754 |
| 1 | 1280 (10%) | 367 (21%) | 242 (19%) | 123 (28%) | 2012 |
| Total | 12295 (100%) | 1772 (100%) | 1254 (100%) | 445 (100%) | 15766 |

Table 166: 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 | |
| 0 | 12420 (88%) | 1334 (79%) | 13754 |
| 1 | 1647 (12%) | 365 (21%) | 2012 |
| Total | 14067 (100%) | 1699 (100%) | 15766 |

Table 167: Contingency table between readmission 1year and Óbito intraoperatório 1

| readmission_1year | Óbito intraoperatório 1 | Total |
|-------------------|-------------------------|-------|
| | 0 | |
| 0 | 13754 (87%) | 13754 |
| 1 | 2012 (13%) | 2012 |
| Total | 15766 (100%) | 15766 |

Table 168: Contingency table between readmission 1year and Tipo de Reoperação 2

| readmission_1year | Tipo de Reoperação 2 | | | | Total |
|-------------------|----------------------|-------------|------------|--------------|-------|
| | 1 | 2 | 3 | NA | |
| 0 | 3053 (94%) | 959 (65%) | 45 (37%) | 9697 (89%) | 13754 |
| 1 | 206 (6%) | 515 (35%) | 76 (63%) | 1215 (11%) | 2012 |
| Total | 3259 (100%) | 1474 (100%) | 121 (100%) | 10912 (100%) | 15766 |

Table 169: 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 | 3134 (87%) | 490 (76%) | 296 (76%) | 140 (69%) | 9694 (89%) | 13754 |
| 1 | 489 (13%) | 152 (24%) | 91 (24%) | 63 (31%) | 1217 (11%) | 2012 |
| Total | 3623 (100%) | 642 (100%) | 387 (100%) | 203 (100%) | 10911 (100%) | 15766 |

Table 170: Contingency table between readmission 1year and Óbito intraoperatório 2

| readmission_1year | Óbito intraoperatório 2 | | Total |
|-------------------|-------------------------|--------------|-------|
| | 0 | NA | |
| 0 | 4063 (84%) | 9691 (89%) | 13754 |
| 1 | 798 (16%) | 1214 (11%) | 2012 |
| Total | 4861 (100%) | 10905 (100%) | 15766 |

Table 171: Contingency table between readmission 1year and Tipo de Reoperação 3

| readmission_1year | Tipo de Reoperação 3 | | | | Total |
|-------------------|----------------------|------------|-----------|--------------|-------|
| | 1 | 2 | 3 | NA | |
| 0 | 596 (82%) | 439 (76%) | 42 (68%) | 12677 (88%) | 13754 |
| 1 | 127 (18%) | 139 (24%) | 20 (32%) | 1726 (12%) | 2012 |
| Total | 723 (100%) | 578 (100%) | 62 (100%) | 14403 (100%) | 15766 |

Table 172: 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 | 776 (80%) | 190 (76%) | 116 (72%) | 70 (71%) | 12602 (88%) | 13754 |
| 1 | 190 (20%) | 61 (24%) | 44 (28%) | 29 (29%) | 1688 (12%) | 2012 |
| Total | 966 (100%) | 251 (100%) | 160 (100%) | 99 (100%) | 14290 (100%) | 15766 |

Table 173: Contingency table between readmission 1year and Óbito intraoperatório 3

| readmission_1year | Óbito intraoperatório 3 | | | Total |
|-------------------|-------------------------|----------|--------------|-------|
| | 0 | 1 | NA | |
| 0 | 1148 (78%) | 4 (100%) | 12602 (88%) | 13754 |
| 1 | 325 (22%) | 0 (0%) | 1687 (12%) | 2012 |
| Total | 1473 (100%) | 4 (100%) | 14289 (100%) | 15766 |

Table 174: 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%) | 13424 (88%) | 13754 |
| 1 | 63 (33%) | 75 (30%) | 8 (24%) | 1866 (12%) | 2012 |
| Total | 192 (100%) | 251 (100%) | 33 (100%) | 15290 (100%) | 15766 |

Table 175: 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%) | 13415 (88%) | 13754 |
| 1 | 90 (31%) | 28 (25%) | 14 (31%) | 14 (33%) | 1866 (12%) | 2012 |
| Total | 288 (100%) | 110 (100%) | 45 (100%) | 42 (100%) | 15281 (100%) | 15766 |

Table 176: Contingency table between readmission 1year and Óbito intraoperatório 4

| readmission_1year | Óbito intraoperatório 4 | | Total |
|-------------------|-------------------------|--------------|-------|
| | 0 | NA | |
| 0 | 339 (70%) | 13415 (88%) | 13754 |
| 1 | 146 (30%) | 1866 (12%) | 2012 |
| Total | 485 (100%) | 15281 (100%) | 15766 |

Table 177: Contingency table between readmission 1year and Tipo de Reoperação 5

| readmission_1year | Tipo de Reoperação 5 | | | | Total |
|-------------------|----------------------|------------|-----------|--------------|-------|
| | 1 | 2 | 3 | NA | |
| 0 | 48 (68%) | 83 (78%) | 9 (64%) | 13614 (87%) | 13754 |
| 1 | 23 (32%) | 23 (22%) | 5 (36%) | 1961 (13%) | 2012 |
| Total | 71 (100%) | 106 (100%) | 14 (100%) | 15575 (100%) | 15766 |

Table 178: 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%) | 13615 (87%) | 13754 |
| 1 | 28 (28%) | 15 (27%) | 6 (27%) | 3 (23%) | 1960 (13%) | 2012 |
| Total | 100 (100%) | 56 (100%) | 22 (100%) | 13 (100%) | 15575 (100%) | 15766 |

Table 179: Contingency table between readmission 1year and Óbito intraoperatório 5

| readmission_1year | Óbito intraoperatório 5 | | Total |
|-------------------|-------------------------|--------------|-------|
| | 0 | NA | |
| 0 | 140 (73%) | 13614 (87%) | 13754 |
| 1 | 52 (27%) | 1960 (13%) | 2012 |
| Total | 192 (100%) | 15574 (100%) | 15766 |

Table 180: 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 (74%) | 4 (67%) | 13697 (87%) | 13754 |
| 1 | 7 (27%) | 12 (26%) | 2 (33%) | 1991 (13%) | 2012 |
| Total | 26 (100%) | 46 (100%) | 6 (100%) | 15688 (100%) | 15766 |

Table 181: 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%) | 13695 (87%) | 13754 |
| 1 | 12 (30%) | 7 (28%) | 1 (14%) | 2 (22%) | 1990 (13%) | 2012 |
| Total | 40 (100%) | 25 (100%) | 7 (100%) | 9 (100%) | 15685 (100%) | 15766 |

Table 182: Contingency table between readmission 1year and Óbito intraoperatório 6

| readmission_1year | Óbito intraoperatório 6 | | Total |
|-------------------|-------------------------|--------------|-------|
| | 0 | NA | |
| 0 | 59 (73%) | 13695 (87%) | 13754 |
| 1 | 22 (27%) | 1990 (13%) | 2012 |
| Total | 81 (100%) | 15685 (100%) | 15766 |

Table 183: 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%) | 13733 (87%) | 13754 |
| 1 | 2 (20%) | 7 (39%) | 2 (50%) | 2001 (13%) | 2012 |
| Total | 10 (100%) | 18 (100%) | 4 (100%) | 15734 (100%) | 15766 |

Table 184: 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%) | 13734 (87%) | 13754 |
| 1 | 3 (23%) | 4 (31%) | 0 (0%) | 4 (100%) | 2001 (13%) | 2012 |
| Total | 13 (100%) | 13 (100%) | 1 (100%) | 4 (100%) | 15735 (100%) | 15766 |

Table 185: Contingency table between readmission 1year and Óbito intraoperatório 7

| readmission_1year | Óbito intraoperatório 7 | | Total |
|-------------------|-------------------------|--------------|-------|
| | 0 | NA | |
| 0 | 21 (66%) | 13733 (87%) | 13754 |
| 1 | 11 (34%) | 2001 (13%) | 2012 |
| Total | 32 (100%) | 15734 (100%) | 15766 |

Table 186: Contingency table between readmission 1year and Tipo de Reoperação 8

| readmission_1year | Tipo de Reoperação 8 | | | Total |
|-------------------|----------------------|----------|--------------|-------|
| | 1 | 2 | NA | |
| 0 | 1 (33%) | 8 (89%) | 13745 (87%) | 13754 |
| 1 | 2 (67%) | 1 (11%) | 2009 (13%) | 2012 |
| Total | 3 (100%) | 9 (100%) | 15754 (100%) | 15766 |

Table 187: 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 |
|-------------------|--|----------|----------|--------------|-------|
| | 1 | 2 | 4 | NA | |
| 0 | 6 (86%) | 3 (75%) | 0 (0%) | 13745 (87%) | 13754 |
| 1 | 1 (14%) | 1 (25%) | 1 (100%) | 2009 (13%) | 2012 |
| Total | 7 (100%) | 4 (100%) | 1 (100%) | 15754 (100%) | 15766 |

Table 188: Contingency table between readmission 1year and Óbito intraoperatório 8

| readmission_1year | Óbito intraoperatório 8 | | Total |
|-------------------|-------------------------|--------------|-------|
| | 0 | NA | |
| 0 | 9 (75%) | 13745 (87%) | 13754 |
| 1 | 3 (25%) | 2009 (13%) | 2012 |
| Total | 12 (100%) | 15754 (100%) | 15766 |

Table 189: Contingency table between readmission 1year and Tipo de Reoperação 9

| readmission_1year | Tipo de Reoperação 9 | | Total |
|-------------------|----------------------|--------------|-------|
| | 2 | NA | |
| 0 | 4 (80%) | 13750 (87%) | 13754 |
| 1 | 1 (20%) | 2011 (13%) | 2012 |
| Total | 5 (100%) | 15761 (100%) | 15766 |

Table 190: 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 |
|-------------------|--|----------|--------------|-------|
| | 1 | 2 | NA | |
| 0 | 2 (67%) | 2 (100%) | 13750 (87%) | 13754 |
| 1 | 1 (33%) | 0 (0%) | 2011 (13%) | 2012 |
| Total | 3 (100%) | 2 (100%) | 15761 (100%) | 15766 |

Table 191: Contingency table between readmission 1year and Óbito intraoperatório 9

| readmission_1year | Óbito intraoperatório 9 | | Total |
|-------------------|-------------------------|--------------|-------|
| | 0 | NA | |
| 0 | 4 (80%) | 13750 (87%) | 13754 |
| 1 | 1 (20%) | 2011 (13%) | 2012 |
| Total | 5 (100%) | 15761 (100%) | 15766 |

Table 192: Contingency table between readmission 1year and Tipo de Reoperação 10

| readmission_1year | Tipo de Reoperação 10 | | Total |
|-------------------|-----------------------|--------------|-------|
| | 2 | NA | |
| 0 | 1 (100%) | 13753 (87%) | 13754 |
| 1 | 0 (0%) | 2012 (13%) | 2012 |
| Total | 1 (100%) | 15765 (100%) | 15766 |

Table 193: Contingency table between readmission 1year and Tipo de Dispositivo ao final do procedimento 10

| readmission_1year | Tipo de Dispositivo ao final do procedimento 10 | | Total |
|-------------------|---|--------------|-------|
| | 2 | NA | |
| 0 | 1 (100%) | 13753 (87%) | 13754 |
| 1 | 0 (0%) | 2012 (13%) | 2012 |
| Total | 1 (100%) | 15765 (100%) | 15766 |

Table 194: Contingency table between readmission 1year and Óbito intraoperatório 10

| readmission_1year | Óbito intraoperatório 10 | | Total |
|-------------------|--------------------------|--------------|-------|
| | 0 | NA | |
| 0 | 1 (100%) | 13753 (87%) | 13754 |
| 1 | 0 (0%) | 2012 (13%) | 2012 |
| Total | 1 (100%) | 15765 (100%) | 15766 |

Table 195: Contingency table between readmission 1year and Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2

| readmission_1year | Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2 | | | Total |
|-------------------|--|------------|--------------|-------|
| | 0 | 1 | NA | |
| 0 | 3840 (84%) | 220 (79%) | 9694 (89%) | 13754 |
| 1 | 736 (16%) | 59 (21%) | 1217 (11%) | 2012 |
| Total | 4576 (100%) | 279 (100%) | 10911 (100%) | 15766 |

Table 196: Contingency table between readmission 1year and Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3

| readmission_1year | Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3 | | | Total |
|-------------------|--|-----------|--------------|-------|
| | 0 | 1 | NA | |
| 0 | 1085 (79%) | 67 (71%) | 12602 (88%) | 13754 |
| 1 | 297 (21%) | 27 (29%) | 1688 (12%) | 2012 |
| Total | 1382 (100%) | 94 (100%) | 14290 (100%) | 15766 |

Table 197: Contingency table between readmission 1year and Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4

| readmission_1year | Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4 | | | Total |
|-------------------|--|-----------|--------------|-------|
| | 0 | 1 | NA | |
| 0 | 320 (70%) | 19 (68%) | 13415 (88%) | 13754 |
| 1 | 137 (30%) | 9 (32%) | 1866 (12%) | 2012 |
| Total | 457 (100%) | 28 (100%) | 15281 (100%) | 15766 |

Table 198: 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%) | 13615 (87%) | 13754 |
| 1 | 49 (27%) | 3 (33%) | 1960 (13%) | 2012 |
| Total | 182 (100%) | 9 (100%) | 15575 (100%) | 15766 |

Table 199: 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 (70%) | 7 (100%) | 13695 (87%) | 13754 |
| 1 | 22 (30%) | 0 (0%) | 1990 (13%) | 2012 |
| Total | 74 (100%) | 7 (100%) | 15685 (100%) | 15766 |

Table 200: 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%) | 13734 (87%) | 13754 |
| 1 | 9 (32%) | 2 (67%) | 2001 (13%) | 2012 |
| Total | 28 (100%) | 3 (100%) | 15735 (100%) | 15766 |

Table 201: 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 |
|-------------------|--|----------|--------------|-------|
| | 0 | 1 | NA | |
| 0 | 8 (73%) | 1 (100%) | 13745 (87%) | 13754 |
| 1 | 3 (27%) | 0 (0%) | 2009 (13%) | 2012 |
| Total | 11 (100%) | 1 (100%) | 15754 (100%) | 15766 |

Table 202: 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 |
|-------------------|--|--------------|--|-------|
| | 0 | NA | | |
| 0 | 4 (80%) | 13750 (87%) | | 13754 |
| 1 | 1 (20%) | 2011 (13%) | | 2012 |
| Total | 5 (100%) | 15761 (100%) | | 15766 |

Table 203: 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 |
|-------------------|---|--------------|-------|
| | 0 | NA | |
| 0 | 1 (100%) | 13753 (87%) | 13754 |
| 1 | 0 (0%) | 2012 (13%) | 2012 |
| Total | 1 (100%) | 15765 (100%) | 15766 |

Table 204: Contingency table between readmission 1year and Diálise durante os episódios de hospitalização

| readmission_1year | Diálise durante os episódios de hospitalização | | Total |
|-------------------|--|-----------|-------|
| | 0 | 1 | |
| 0 | 13729 (87%) | 25 (57%) | 13754 |
| 1 | 1993 (13%) | 19 (43%) | 2012 |
| Total | 15722 (100%) | 44 (100%) | 15766 |

Table 205: Contingency table between readmission 1year and UTI durante os episódios de hospitalização

| readmission_1year | UTI durante os episódios de hospitalização | | Total |
|-------------------|--|-------------|-------|
| | 0 | 1 | |
| 0 | 11265 (90%) | 2489 (78%) | 13754 |
| 1 | 1290 (10%) | 722 (22%) | 2012 |
| Total | 12555 (100%) | 3211 (100%) | 15766 |

Table 206: 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 | 12991 (88%) | 763 (71%) | 13754 |
| 1 | 1705 (12%) | 307 (29%) | 2012 |
| Total | 14696 (100%) | 1070 (100%) | 15766 |

Table 207: Contingency table between readmission 1year and Readmissões pós-T0 com diálise

| readmission_1year | Readmissões pós-T0 com diálise | | | | Total |
|-------------------|--------------------------------|-----------|----------|----------|-------|
| | 0 | 1 | 2 | 3 | |
| 0 | 13741 (87%) | 13 (68%) | 0 (0%) | 0 (0%) | 13754 |
| 1 | 2003 (13%) | 6 (32%) | 2 (100%) | 1 (100%) | 2012 |
| Total | 15744 (100%) | 19 (100%) | 2 (100%) | 1 (100%) | 15766 |

Table 208: Contingency table between readmission 1year and Desfecho principal da admissão T0

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

Table 209: Contingency table between readmission 1year and Readmissão cirúrgica em até 30 dias

| readmission_1year | Readmissão cirúrgica em até 30 dias | | Total |
|-------------------|-------------------------------------|------------|-------|
| | 0 | 1 | |
| 0 | 13754 (88%) | 0 (0%) | 13754 |
| 1 | 1875 (12%) | 137 (100%) | 2012 |
| Total | 15629 (100%) | 137 (100%) | 15766 |

Table 210: Contingency table between readmission 1year and Readmissão cirúrgica entre 31 a 60 dias

| readmission_1year | Readmissão cirúrgica entre 31 a 60 dias | | Total |
|-------------------|---|-----------|-------|
| | 0 | 1 | |
| 0 | 13754 (88%) | 0 (0%) | 13754 |
| 1 | 1919 (12%) | 93 (100%) | 2012 |
| Total | 15673 (100%) | 93 (100%) | 15766 |

Table 211: Contingency table between readmission 1year and Readmissão cirúrgica entre 61 a 180 dias

| readmission_1year | Readmissão cirúrgica entre 61 a 180 dias | | Total |
|-------------------|--|------------|-------|
| | 0 | 1 | |
| 0 | 13754 (88%) | 0 (0%) | 13754 |
| 1 | 1863 (12%) | 149 (100%) | 2012 |
| Total | 15617 (100%) | 149 (100%) | 15766 |

Table 212: Contingency table between readmission 1year and Readmissão cirúrgica em até 1 ano

| readmission_1year | Readmissão cirúrgica em até 1 ano | | Total |
|-------------------|-----------------------------------|------------|-------|
| | 0 | 1 | |
| 0 | 13754 (88%) | 0 (0%) | 13754 |
| 1 | 1880 (12%) | 132 (100%) | 2012 |
| Total | 15634 (100%) | 132 (100%) | 15766 |

Table 213: Contingency table between readmission 1year and Desfecho final do estudo

| readmission_1year | Desfecho final do estudo | | | Total |
|-------------------|--------------------------|-------------|-------------|-------|
| | 1 | 2 | 3 | |
| 0 | 1845 (73%) | 7019 (91%) | 4890 (89%) | 13754 |
| 1 | 696 (27%) | 709 (9%) | 607 (11%) | 2012 |
| Total | 2541 (100%) | 7728 (100%) | 5497 (100%) | 15766 |

Table 214: Contingency table between readmission 1year and Ventilação mecânica / IOT

| readmission_1year | Ventilação mecânica / IOT | | Total |
|-------------------|---------------------------|--------------|-------|
| | 1 | NA | |
| 0 | 2325 (82%) | 11429 (88%) | 13754 |
| 1 | 524 (18%) | 1488 (12%) | 2012 |
| Total | 2849 (100%) | 12917 (100%) | 15766 |