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
}
```

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, levosimedan, 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: Broncodiltador

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/ antidepressivo/ 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, dermato, 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

```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)
```

```r
  }

  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

  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

	Sexo		Total
readmission__1year	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

	Doença cardíaca				Total
readmission__1year	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)

	Classe funcional de IC (NYHA)			Total
readmission__1year	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

| | Transplante cardíaco prévio | | |
readmission__1year	0	1	Total
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

| | Valvopatias/ Prótese valvares | | |
readmission__1year	0	1	Total
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

| | Endocardite prévia | | |
readmission__1year	0	1	Total
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

| | Diabetes melittus | | |
readmission__1year	0	1	Total
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

| | Insuficiência renal crônica | | |
readmission__1year	0	1	Total
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 | \multicolumn{4}{c}{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 | \multicolumn{4}{c}{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 | \multicolumn{4}{c}{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 | \multicolumn{2}{c}{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

	Óbito intraoperatório 3			
readmission_1year	0	1	NA	Total
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

	Tipo de Reoperação 4				
readmission_1year	1	2	3	NA	Total
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

	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%)	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

	Óbito intraoperatório 4		
readmission_1year	0	NA	Total
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

	Tipo de Reoperação 5				
readmission_1year	1	2	3	NA	Total
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

	Óbito intraoperatório 8		
readmission_1year	0	NA	Total
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

	Tipo de Reoperação 9		
readmission_1year	2	NA	Total
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

	Tipo de Dispositivo ao final do procedimento 9			
readmission_1year	1	2	NA	Total
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

	Óbito intraoperatório 9		
readmission_1year	0	NA	Total
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

	Tipo de Reoperação 10		
readmission_1year	2	NA	Total
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

| | Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5 | | | |
readmission_1year	0	1	NA	Total
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

| | Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6 | | | |
readmission_1year	0	1	NA	Total
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

| | Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7 | | | |
readmission_1year	0	1	NA	Total
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

| | Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8 | | | |
readmission_1year	0	1	NA	Total
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

| | Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9 | | |
readmission_1year	0	NA	Total
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

| | Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10 | | |
readmission_1year	0	NA	Total
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

| | Diálise durante os episódios de hospitalização | | |
readmission_1year	0	1	Total
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

| | UTI durante os episódios de hospitalização | | |
readmission_1year	0	1	Total
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

| | Admissão em até 180 dias antes da T0 | | |
readmission_1year	0	1	Total
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

| | Readmissões pós-T0 com diálise | | | | |
readmission_1year	0	1	2	3	Total
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

	Desfecho principal da admissão T0	
readmission_1year	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

	Readmissão cirúrgica em até 30 dias		
readmission_1year	0	1	Total
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

	Readmissão cirúrgica entre 31 a 60 dias		
readmission_1year	0	1	Total
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 cirúgica entre 61 a 180 dias

	Readmissão cirúgica entre 61 a 180 dias		
readmission_1year	0	1	Total
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

	Readmissão cirúrgica em até 1 ano		
readmission_1year	0	1	Total
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