Tables

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Imports

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

Loading data

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

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

outcome_column <- params$outcome_column
```

Numerical variables

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.395	0	68.9	110.6	17.988	15111	0
1	67.923	0	70.7	98.9	17.462	913	0

Table 2: Número de comorbidades

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.225	0	1	8	1.326	15111	0
1	1.848	0	1	7	1.674	913	0

Table 3: Ano do procedimento 1

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.573	1999	2010	2021	5.811	15111	0
1	2010.927	2000	2011	2021	5.202	913	0

Table 4: Idade no Procedimento 1

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.395	0	68.9	110.6	17.988	15111	0
1	67.923	0	70.7	98.9	17.462	913	0

Table 5: Ano do procedimento 2

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2013.12	1999	2013	2022	4.672	15111	10307
1	2010.61	2001	2011	2021	5.361	913	836

Table 6: Idade no Procedimento 2

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.213	0.0	69.2	108.7	19.199	15111	10307
1	59.506	1.8	65.3	93.1	22.563	913	835

Table 7: Ano do procedimento 3

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.338	1999	2015	2022	4.775	15111	13651
1	2012.700	2003	2014	2021	5.555	913	893

Table 8: Idade no Procedimento 3

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	61.966	0.4	65.9	101.1	20.841	15111	13651
1	67.065	43.7	70.2	88.2	12.668	913	893

Table 9: Ano do procedimento 4

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.46	2002	2015.0	2022	4.815	15111	14628
1	2014.50	2013	2014.5	2016	2.121	913	911

Table 10: Idade no Procedimento 4

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	59.57	1.9	63.70	97.7	21.944	15111	14628
1	72.85	65.3	72.85	80.4	10.677	913	911

Table 11: Ano do procedimento 5

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.234	2003	2014	2022	4.19	15111	14919
1	NaN	NA	NA	NA	NA	913	913

Table 12: Idade no Procedimento 5

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	57.845	3.2	62.75	99.7	22.035	15111	14919
1	NaN	NA	NA	NA	NA	913	913

Table 13: Ano do procedimento 6

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.728	2003	2015	2021	4.547	15111	15030
1	NaN	NA	NA	NA	NA	913	913

Table 14: Idade no Procedimento 6

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.865	6.6	58.8	101.6	22.394	15111	15030
1	NaN	NA	NA	NA	NA	913	913

Table 15: Ano do procedimento 7

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2015.656	2007	2016.5	2022	4.285	15111	15079
1	NaN	NA	NA	NA	NA	913	913

Table 16: Idade no Procedimento 7

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	51.231	8.8	57.1	81.8	20.858	15111	15079
1	NaN	NA	NA	NA	NA	913	913

Table 17: Ano do procedimento 8

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.917	2008	2015.5	2020	3.942	15111	15099
1	NaN	NA	NA	NA	NA	913	913

Table 18: Idade no Procedimento 8

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	52.283	14.3	52.9	81.8	23.027	15111	15099
1	NaN	NA	NA	NA	NA	913	913

Table 19: Ano do procedimento 9

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.8	2009	2016	2022	5.07	15111	15106
1	NaN	NA	NA	NA	NA	913	913

Table 20: Idade no Procedimento 9

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.86	15	36.6	82.2	26.06	15111	15106
1	NaN	NA	NA	NA	NA	913	913

Table 21: Ano do procedimento 10

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2019	2019	2019	2019	NA	15111	15110
1	NaN	NA	NA	NA	NA	913	913

Table 22: Idade no Procedimento 10

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.7	39.7	39.7	39.7	NA	15111	15110
1	NaN	NA	NA	NA	NA	913	913

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	74.065	0.0	84.45	197.1	39.782	15111	10307
1	8.162	0.1	5.00	33.6	9.347	913	835

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	56.286	0.0	61.50	170.5	39.544	15111	13651
1	2.075	0.3	1.35	6.9	2.021	913	893

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.745	0.0	32.0	142.7	39.843	15111	14629
1	5.800	3.7	5.8	7.9	2.970	913	911

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	32.376	0	7.1	144.3	38.429	15111	14919
1	NaN	NA	NA	NA	NA	913	913

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	27.699	0	5.8	110.3	34.88	15111	15030
1	NaN	NA	NA	NA	NA	913	913

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	31.491	0	3.95	142.3	42.63	15111	15079
1	NaN	NA	NA	NA	NA	913	913

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	19.983	0.2	2.6	80.9	28.743	15111	15099
1	NaN	NA	NA	NA	NA	913	913

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	21.72	4.8	8.7	63.2	24.892	15111	15106
1	NaN	NA	NA	NA	NA	913	913

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	36.8	36.8	36.8	36.8	NA	15111	15110
1	NaN	NA	NA	NA	NA	913	913

Table 32: Número de Mudanças do tipo de DCEI

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.085	0	0	3	0.294	15111	10310
1	0.208	0	0	1	0.408	913	836

Table 33: Número de atendimentos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.296	1	2	51	2.156	15111	0
1	3.641	1	3	20	2.731	913	0

Table 34: Número da Admissão T0 (admissão índice)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.402	1	1	32	1.049	15111	0
1	2.111	1	1	17	1.974	913	0

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.809	0	0	50	1.676	15111	0
1	1.526	0	1	12	1.537	913	0

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.512	0	0	38	1.182	15111	0
1	1.140	0	0	16	1.967	913	0

Table 37: Ano da admissão T0

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.566	1999	2010	2021	5.812	15111	18
1	2010.907	1999	2011	2021	5.198	913	2

Table 38: UTI durante a admissão T0

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.866	0	0	213	7.996	15111	0
1	3.924	0	0	188	11.498	913	0

Table 39: Diálise durante a admissão T0

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.034	0	0	78	1.184	15111	0
1	0.094	0	0	25	1.270	913	0

Table 40: Readmissão em até 30 dias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.029	0	0	1	0.169	15111	0
1	0.174	0	0	1	0.379	913	0

Table 41: Readmissão entre 31 a 60 dias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.045	0	0	1	0.207	15111	0
1	0.246	0	0	1	0.431	913	0

Table 42: Readmissão entre 61 a 180 dias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.074	0	0	1	0.262	15111	0
1	0.403	0	0	1	0.491	913	0

Table 43: Readmissão em até 1 ano

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.101	0	0	1	0.301	15111	0
1	0.533	0	1	1	0.499	913	0

Table 44: Tempo de seguimento total (anos)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.071	0	4.7	22.6	5.268	15111	0
1	1.068	0	0.8	3.0	0.859	913	0

Table 45: Óbito intraoperatório

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	1	0.027	15111	0
1	0.000	0	0	0	0.000	913	0

Table 46: Óbito hospitalar (intraoperatório ou admissao T0)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.017	0	0	1	0.131	15111	0
1	0.000	0	0	0	0.000	913	0

Table 47: Óbito durante algum episódio de readmissão hospitalar

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.042	0	0	1	0.200	15111	0
1	0.734	0	1	1	0.442	913	0

Table 48: Óbito em até 30 dias após a alta T0

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	15111	0
1	0.078	0	0	1	0.268	913	0

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	15111	0
1	0.361	0	0	1	0.481	913	0

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	15111	0
1	0.566	0	1	1	0.496	913	0

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	15111	0
1	0.827	0	1	1	0.379	913	0

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15111	0
1	1	1	1	1	0	913	0

Table 53: Óbito (status final)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.125	0	0	1	0.331	15111	0
1	1.000	1	1	1	0.000	913	0

Table 54: Tempo de sobrevida (anos)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.630	0	5.2	20.1	4.478	15111	14001
1	1.068	0	0.8	3.0	0.859	913	0

Table 55: Diárias no serviço de Emergência na admissão T0

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.313	0	0	28	1.336	15111	5714
1	0.451	0	0	27	1.767	913	294

Table 56: Anticoagulantes orais

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.273	0	0	98.0	2.309	15111	3376
1	0.767	0	0	80.5	4.013	913	143

Table 57: Antiarritmicos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.802	0	0	575	19.194	15111	3376
1	11.212	0	0	844	41.237	913	143

Table 58: Antihipertensivo

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.462	0	0	160	4.460	15111	3376
1	1.139	0	0	349	14.193	913	143

Table 59: Betabloqueador

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.101	0	0	388	8.219	15111	3376
1	1.266	0	0	68	5.947	913	143

Table 60: IECA/BRA

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	8.532	0	2	773	20.847	15111	3376
1	17.090	0	4	393	38.338	913	143

Table 61: DVA

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.382	0	0	1917	47.887	15111	3376
1	11.082	0	0	348	33.526	913	143

Table 62: Digoxina

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.206	0	0	50	1.533	15111	3376
1	0.715	0	0	39	3.167	913	143

Table 63: Estatinas

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.899	0	0	421	15.972	15111	3376
1	11.260	0	0	321	29.357	913	143

Table 64: Diuretico

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	11.220	0	0	2966.0	70.198	15111	3376
1	21.134	0	3	1010.5	68.966	913	143

Table 65: Vasodilator

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	9.192	0	0	3820.5	62.714	15111	3376
1	28.026	0	0	754.5	86.112	913	143

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.209	0	0	453.0	16.115	15111	3376
1	11.445	0	0	354.5	27.783	913	143

Table 67: Antagonista da Aldosterona (espironolactona)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.960	0	0	255	8.032	15111	3376
1	5.144	0	0	141	11.983	913	143

Table 68: Bloqueador do canal de calcio

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.590	0	0	509	9.053	15111	3376
1	1.256	0	0	370	16.002	913	143

Table 69: Trombolitico

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.049	15111	3376
1	0.000	0	0	0	0.000	913	143

Table 70: Antiplaquetario VO

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15111	3376
1	0	0	0	0	0	913	143

Table 71: Antiplaquetario EV

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.010	0	0	8	0.177	15111	3376
1	0.023	0	0	3	0.209	913	143

Table 72: Insulina

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.097	0	0	16	0.490	15111	3376
1	0.186	0	0	7	0.646	913	143

Table 73: Hipoglicemiante

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.351	0	0	90	2.831	15111	3376
1	0.394	0	0	39	2.607	913	143

Table 74: Hormonio tireoidiano

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15111	3376
1	0	0	0	0	0	913	143

Table 75: Broncodiltador

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15111	3376
1	0	0	0	0	0	913	143

Table 76: Anticonvulsivante

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.997	0	0	334	11.232	15111	3376
1	1.755	0	0	390	16.415	913	143

Table 77: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.827	0	0	573	14.490	15111	3376
1	7.493	0	1	132	17.501	913	143

Table 78: Antibióticos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	14.608	0	4	1812	63.357	15111	3376
1	23.047	0	4	1137	69.588	913	143

Table 79: Antifúngicos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.452	0	0	122	4.442	15111	3376
1	0.460	0	0	50	3.691	913	143

Table 80: Antiviral

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.127	0	0	131	2.818	15111	3376
1	0.051	0	0	14	0.717	913	143

Table 81: Antiretroviral

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	32	0.458	15111	3376
1	0.000	0	0	0	0.000	913	143

Table 82: Quantidade de classes medicamentosas utilizadas

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.695	1	4	17	2.539	15111	4776
1	6.538	1	6	15	2.685	913	238

Table 83: Ventilação não invasiva

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.049	0	0	114	1.596	15111	2659
1	0.021	0	0	8	0.361	913	107

Table 84: Instalação de CEC

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.013	0	0	2	0.114	15111	2659
1	0.014	0	0	1	0.116	913	107

Table 85: Cirurgia Cardiovascular

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.057	0	0	9	0.374	15111	2659
1	0.089	0	0	9	0.561	913	107

Table 86: Transplante cardíaco

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.041	15111	2659
1	0.001	0	0	1	0.035	913	107

Table 87: Cirurgia Toracica

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	9	0.106	15111	2659
1	0.006	0	0	2	0.106	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.113	0	0	22	0.578	15111	2659
1	0.169	0	0	6	0.653	913	107

Table 89: Traqueostomia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	8	0.093	15111	2659
1	0.001	0	0	1	0.035	913	107

Table 90: Intervenção coronária percutânea

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	4	0.131	15111	2659
1	0.027	0	0	3	0.227	913	107

Table 91: Intervenção cardiovascular em laboratório de hemodinâmica (alcoolização septal, valvoplastia percutânea, stent em vasos pulmonares)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	3	0.116	15111	2659
1	0.009	0	0	2	0.105	913	107

Table 92: Stent

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	1	0.009	15111	2659
1	0	0	0	0	0.000	913	107

Table 93: Angioplastia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.041	15111	2659
1	0.004	0	0	1	0.061	913	107

Table 94: Cateterismo

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.122	0	0	7	0.401	15111	2659
1	0.192	0	0	5	0.515	913	107

Table 95: Eletrofisiologia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.080	0	0	11	0.467	15111	2659
1	0.124	0	0	7	0.620	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.109	0	0	535	5.406	15111	2659
1	0.408	0	0	177	7.714	913	107

Table 97: Cateter venoso central

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.029	0	0	5	0.205	15111	2659
1	0.062	0	0	4	0.332	913	107

Table 98: Drenagem de tórax (instalação /troca) e punção pericárdica ou pleural

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	6	0.120	15111	2659
1	0.009	0	0	4	0.161	913	107

Table 99: Quantidade de procedimentos invasivos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.556	0	0	554	5.789	15111	2659
1	1.115	0	0	197	8.456	913	107

Table 100: Cardioversão/ Desfibrilação (sessão)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	5	0.130	15111	3458
1	0.007	0	0	1	0.081	913	146

Table 101: Transfusão de hemoderivados

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.052	0	0	61	1.001	15111	2659
1	0.065	0	0	16	0.695	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.400	0	0	199	3.451	15111	2659
1	0.646	0	0	40	3.141	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.366	0	0	420	15.240	15111	2659
1	5.820	0	1	318	18.641	913	107

Table 104: ECG

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.021	0	2	141	6.406	15111	2659
1	6.058	0	4	140	8.230	913	107

Table 105: Holter

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.103	0	0	5	0.353	15111	2659
1	0.175	0	0	3	0.426	913	107

Table 106: Teste de esforço

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	3	0.109	15111	2659
1	0.004	0	0	1	0.061	913	107

Table 107: Espirometria / Ergoespirometria

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	2	0.068	15111	2659
1	0.006	0	0	1	0.079	913	107

Table 108: Tilt Test

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.048	15111	2659
1	0.006	0	0	1	0.079	913	107

Table 109: Polissonografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.045	15111	2659
1	0.002	0	0	1	0.050	913	107

Table 110: Quantidade de exames por métodos gráficos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.143	0	2	143	6.536	15111	2659
1	6.252	0	4	140	8.333	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.415	0	10	3608	200.865	15111	2659
1	124.132	0	36	2342	232.635	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.353	0	0	48	1.570	15111	2659
1	0.639	0	0	16	1.655	913	107

Table 113: Quantidade de exames de análises clínicas

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.768	0	10	3645	202.111	15111	2659
1	124.770	0	36	2354	233.865	913	107

Table 114: Citologias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	8	0.145	15111	2659
1	0.027	0	0	4	0.227	913	107

Table 115: Biopsias (cardíaca, esterno, parede torácica, tumor em mediastino, pulmonar)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.016	0	0	10	0.262	15111	2659
1	0.007	0	0	4	0.149	913	107

Table 116: Quantidade de exames histopatológicos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.024	0	0	10	0.308	15111	2659
1	0.035	0	0	4	0.275	913	107

Table 117: Angio RM

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	4	0.085	15111	2659
1	0.004	0	0	2	0.079	913	107

Table 118: Angio TC

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.035	0	0	9	0.247	15111	2659
1	0.061	0	0	4	0.338	913	107

Table 119: Angiografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.049	15111	2659
1	0.005	0	0	1	0.070	913	107

Table 120: Aortografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.048	15111	2659
1	0.005	0	0	2	0.086	913	107

Table 121: Arteriografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.028	15111	2659
1	0.001	0	0	1	0.035	913	107

Table 122: Cavografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	1	0.087	15111	2659
1	0.006	0	0	1	0.079	913	107

Table 123: Cintilografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.060	0	0	5	0.340	15111	2659
1	0.156	0	0	4	0.537	913	107

Table 124: Ecocardiograma

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.558	0	0	24	1.290	15111	2659
1	0.830	0	0	18	1.502	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.018	0	0	6	0.181	15111	2659
1	0.031	0	0	2	0.224	913	107

Table 126: Flebografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.035	0	0	5	0.285	15111	2659
1	0.060	0	0	5	0.378	913	107

Table 127: PET-CT

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	3	0.078	15111	2659
1	0.010	0	0	1	0.099	913	107

Table 128: Ultrassom

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.183	0	0	28	0.883	15111	2659
1	0.445	0	0	14	1.234	913	107

Table 129: Tomografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.167	0	0	15	0.706	15111	2659
1	0.298	0	0	9	0.851	913	107

Table 130: Radiografias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.261	0	2	261	8.749	15111	2659
1	5.158	0	2	184	10.886	913	107

Table 131: Ressonancia magnetica

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.068	0	0	6	0.297	15111	2659
1	0.145	0	0	4	0.432	913	107

Table 132: Quantidade de exames diagnóstico por imagem

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.407	0	2	281	10.739	15111	2659
1	7.215	0	3	200	12.995	913	107

Table 133: Dieta enteral (frasco)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.051	0	0	195	2.369	15111	3460
1	0.327	0	0	115	5.812	913	146

Table 134: Dieta parenteral (frasco)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	14	0.141	15111	3460
1	0.007	0	0	5	0.181	913	146

Table 135: Bomba de infusão contínua (horas)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.974	0	0	1527	22.999	15111	3460
1	3.992	0	0	743	41.502	913	146

Table 136: Marca-passo temporário (por hora)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.171	0	0	180	3.324	15111	3460
1	0.243	0	0	48	2.852	913	146

Table 137: Número de procedimentos na admissão T0

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.016	1	1	5	0.143	15111	0
1	1.016	1	1	3	0.151	913	0

Table 138: Número de procedimentos em até 30 dias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	3	0.095	15111	0
1	0.012	0	0	2	0.119	913	0

Table 139: Número de procedimentos em até 60 dias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	3	0.101	15111	0
1	0.013	0	0	1	0.114	913	0

Table 140: Número de procedimentos em até 180 dias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	4	0.129	15111	0
1	0.018	0	0	2	0.147	913	0

Table 141: Número de procedimentos em até 1 ano

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.010	0	0	3	0.122	15111	0
1	0.021	0	0	2	0.157	913	0

Table 142: Quantidade de classes medicamentosas de ação cardiovascular

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.068	1	3	10	1.752	15111	6322
1	4.255	1	4	9	1.889	913	273

Table 143: Quantidade de medicamentos de ação cardiovascular

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	48.655	0	9.00	8738	177.999	15111	3376
1	109.508	0	28.25	1695	215.435	913	143

Table 144: Quantidade de antimicrobianos (antibióticos e antifúngicos)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	15.060	0	4	1812	65.152	15111	3376
1	23.507	0	4	1137	70.755	913	143

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 death 3year and Sexo

death_3year	Sexo 0	1	Total
0	7204 (95%)	7907 (93%)	15111
1	360 (5%)	553 (7%)	913
Total	7564 (100%)	8460 (100%)	16024

Table 146: Contingency table between death 3year and Doença cardíaca

death_3year	Doença cardíaca 0	1	2	NA	Total
0	8794 (95%)	1059 (90%)	3326 (94%)	1932 (95%)	15111
1	490 (5%)	113 (10%)	205 (6%)	105 (5%)	913
Total	9284 (100%)	1172 (100%)	3531 (100%)	2037 (100%)	16024

Table 147: Contingency table between death 3year and Classe funcional de IC (NYHA)

death_3year	Classe funcional de IC (NYHA) 1	2	NA	Total
0	5781 (95%)	1234 (89%)	8096 (94%)	15111
1	280 (5%)	154 (11%)	479 (6%)	913
Total	6061 (100%)	1388 (100%)	8575 (100%)	16024

Table 148: Contingency table between death 3year and Hipertensão arterial

| | Hipertensão arterial | | |
death_3year	0	1	Total
0	11479 (95%)	3632 (94%)	15111
1	661 (5%)	252 (6%)	913
Total	12140 (100%)	3884 (100%)	16024

Table 149: Contingency table between death 3year and Infarto do miocárdio prévio / Doença arterial coronariana

| | Infarto do miocárdio prévio / Doença arterial coronariana | | |
death_3year	0	1	Total
0	13765 (95%)	1346 (91%)	15111
1	781 (5%)	132 (9%)	913
Total	14546 (100%)	1478 (100%)	16024

Table 150: Contingency table between death 3year and Insuficiência cardíaca

| | Insuficiência cardíaca | | |
death_3year	0	1	Total
0	9816 (96%)	5295 (91%)	15111
1	390 (4%)	523 (9%)	913
Total	10206 (100%)	5818 (100%)	16024

Table 151: Contingency table between death 3year and Fibrilação / flutter atrial

| | Fibrilação / flutter atrial | | |
death_3year	0	1	Total
0	12881 (95%)	2230 (92%)	15111
1	727 (5%)	186 (8%)	913
Total	13608 (100%)	2416 (100%)	16024

Table 152: Contingency table between death 3year and Parada cardíaca prévia/ Taquicardia ventricular instável

| | Parada cardíaca prévia/ Taquicardia ventricular instável | | |
death_3year	0	1	Total
0	13320 (94%)	1791 (93%)	15111
1	784 (6%)	129 (7%)	913
Total	14104 (100%)	1920 (100%)	16024

Table 153: Contingency table between death 3year and Transplante cardíaco prévio

death_3year	Transplante cardíaco prévio		Total
	0	1	
0	15099 (94%)	12 (92%)	15111
1	912 (6%)	1 (8%)	913
Total	16011 (100%)	13 (100%)	16024

Table 154: Contingency table between death 3year and Valvopatias/ Prótese valvares

death_3year	Valvopatias/ Prótese valvares		Total
	0	1	
0	14156 (95%)	955 (89%)	15111
1	792 (5%)	121 (11%)	913
Total	14948 (100%)	1076 (100%)	16024

Table 155: Contingency table between death 3year and Endocardite prévia

death_3year	Endocardite prévia		Total
	0	1	
0	14980 (94%)	131 (95%)	15111
1	906 (6%)	7 (5%)	913
Total	15886 (100%)	138 (100%)	16024

Table 156: Contingency table between death 3year and Diabetes melittus

death_3year	Diabetes melittus		Total
	0	1	
0	13333 (95%)	1778 (91%)	15111
1	746 (5%)	167 (9%)	913
Total	14079 (100%)	1945 (100%)	16024

Table 157: Contingency table between death 3year and Insuficiência renal crônica

death_3year	Insuficiência renal crônica		Total
	0	1	
0	14545 (95%)	566 (87%)	15111
1	829 (5%)	84 (13%)	913
Total	15374 (100%)	650 (100%)	16024

Table 158: Contingency table between death 3year and Hemodiálise

| | Hemodiálise | | |
death_3year	0	1	Total
0	15095 (94%)	16 (73%)	15111
1	907 (6%)	6 (27%)	913
Total	16002 (100%)	22 (100%)	16024

Table 159: Contingency table between death 3year and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

| | Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios | | |
death_3year	0	1	Total
0	14651 (94%)	460 (91%)	15111
1	867 (6%)	46 (9%)	913
Total	15518 (100%)	506 (100%)	16024

Table 160: Contingency table between death 3year and Doença pulmonar obstrutiva crônica

| | Doença pulmonar obstrutiva crônica | | |
death_3year	0	1	Total
0	14914 (94%)	197 (90%)	15111
1	891 (6%)	22 (10%)	913
Total	15805 (100%)	219 (100%)	16024

Table 161: Contingency table between death 3year and Neoplasia em tratamento ou tratada recentemente (12 meses)

| | Neoplasia em tratamento ou tratada recentemente (12 meses) | | |
death_3year	0	1	Total
0	15007 (94%)	104 (90%)	15111
1	902 (6%)	11 (10%)	913
Total	15909 (100%)	115 (100%)	16024

Table 162: Contingency table between death 3year and Tipo de Procedimento 1

| | Tipo de Procedimento 1 | | |
death_3year	1	2	Total
0	10418 (94%)	4693 (96%)	15111
1	711 (6%)	202 (4%)	913
Total	11129 (100%)	4895 (100%)	16024

Table 163: Contingency table between death 3year and Tipo de Reoperação 1

death_3year	Tipo de Reoperação 1				Total
	1	2	3	NA	
0	3776 (96%)	885 (95%)	32 (94%)	10418 (94%)	15111
1	152 (4%)	48 (5%)	2 (6%)	711 (6%)	913
Total	3928 (100%)	933 (100%)	34 (100%)	11129 (100%)	16024

Table 164: Contingency table between death 3year and Tipo de Procedimento 1 (merge: procedure type com reop type)

death_3year	Tipo de Procedimento 1 (merge: procedure type com reop type)				Total
	1	2	3	4	
0	10418 (94%)	3776 (96%)	885 (95%)	32 (94%)	15111
1	711 (6%)	152 (4%)	48 (5%)	2 (6%)	913
Total	11129 (100%)	3928 (100%)	933 (100%)	34 (100%)	16024

Table 165: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 1

death_3year	Tipo de Dispositivo ao final do procedimento 1				Total
	1	2	3	4	
0	11926 (96%)	1631 (91%)	1152 (89%)	402 (87%)	15111
1	549 (4%)	160 (9%)	146 (11%)	58 (13%)	913
Total	12475 (100%)	1791 (100%)	1298 (100%)	460 (100%)	16024

Table 166: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 1

death_3year	Tipo de Dispositivo ao final do procedimento 1		Total
	1	2	
0	13557 (95%)	1554 (88%)	15111
1	709 (5%)	204 (12%)	913
Total	14266 (100%)	1758 (100%)	16024

Table 167: Contingency table between death 3year and Óbito intraoperatório 1

death_3year	Óbito intraoperatório 1		Total
	0	1	
0	15104 (94%)	7 (100%)	15111
1	913 (6%)	0 (0%)	913
Total	16017 (100%)	7 (100%)	16024

Table 168: Contingency table between death 3year and Tipo de Reoperação 2

death_3year	Tipo de Reoperação 2				Total
	1	2	3	NA	
0	3253 (100%)	1431 (96%)	112 (93%)	10315 (93%)	15111
1	7 (0%)	62 (4%)	9 (7%)	835 (7%)	913
Total	3260 (100%)	1493 (100%)	121 (100%)	11150 (100%)	16024

Table 169: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 2

death_3year	Tipo de Dispositivo ao final do procedimento 2					Total
	1	2	3	4	NA	
0	3602 (99%)	627 (97%)	379 (98%)	189 (93%)	10314 (93%)	15111
1	36 (1%)	18 (3%)	9 (2%)	14 (7%)	836 (7%)	913
Total	3638 (100%)	645 (100%)	388 (100%)	203 (100%)	11150 (100%)	16024

Table 170: Contingency table between death 3year and Óbito intraoperatório 2

death_3year	Óbito intraoperatório 2		Total
	0	NA	
0	4803 (98%)	10308 (93%)	15111
1	78 (2%)	835 (7%)	913
Total	4881 (100%)	11143 (100%)	16024

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

death_3year	Tipo de Reoperação 3				Total
	1	2	3	NA	
0	724 (100%)	562 (97%)	60 (97%)	13765 (94%)	15111
1	0 (0%)	18 (3%)	2 (3%)	893 (6%)	913
Total	724 (100%)	580 (100%)	62 (100%)	14658 (100%)	16024

Table 172: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 3

death_3year	Tipo de Dispositivo ao final do procedimento 3					Total
	1	2	3	4	NA	
0	959 (99%)	248 (98%)	157 (98%)	95 (96%)	13652 (94%)	15111
1	9 (1%)	4 (2%)	3 (2%)	4 (4%)	893 (6%)	913
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14545 (100%)	16024

Table 173: Contingency table between death 3year and Óbito intraoperatório 3

| | Óbito intraoperatório 3 | | | |
death_3year	0	1	NA	Total
0	1456 (99%)	4 (100%)	13651 (94%)	15111
1	20 (1%)	0 (0%)	893 (6%)	913
Total	1476 (100%)	4 (100%)	14544 (100%)	16024

Table 174: Contingency table between death 3year and Tipo de Reoperação 4

| | Tipo de Reoperação 4 | | | | |
death_3year	1	2	3	NA	Total
0	192 (100%)	249 (99%)	33 (100%)	14637 (94%)	15111
1	0 (0%)	2 (1%)	0 (0%)	911 (6%)	913
Total	192 (100%)	251 (100%)	33 (100%)	15548 (100%)	16024

Table 175: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 4

| | Tipo de Dispositivo ao final do procedimento 4 | | | | | |
death_3year	1	2	3	4	NA	Total
0	287 (100%)	110 (100%)	45 (100%)	41 (98%)	14628 (94%)	15111
1	1 (0%)	0 (0%)	0 (0%)	1 (2%)	911 (6%)	913
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15539 (100%)	16024

Table 176: Contingency table between death 3year and Óbito intraoperatório 4

| | Óbito intraoperatório 4 | | |
death_3year	0	NA	Total
0	483 (100%)	14628 (94%)	15111
1	2 (0%)	911 (6%)	913
Total	485 (100%)	15539 (100%)	16024

Table 177: Contingency table between death 3year and Tipo de Reoperação 5

| | Tipo de Reoperação 5 | | | | |
death_3year	1	2	3	NA	Total
0	71 (100%)	106 (100%)	14 (100%)	14920 (94%)	15111
1	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	71 (100%)	106 (100%)	14 (100%)	15833 (100%)	16024

Table 178: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 5

death_3year	Tipo de Dispositivo ao final do procedimento 5					Total
	1	2	3	4	NA	
0	100 (100%)	56 (100%)	22 (100%)	13 (100%)	14920 (94%)	15111
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15833 (100%)	16024

Table 179: Contingency table between death 3year and Óbito intraoperatório 5

death_3year	Óbito intraoperatório 5		Total
	0	NA	
0	192 (100%)	14919 (94%)	15111
1	0 (0%)	913 (6%)	913
Total	192 (100%)	15832 (100%)	16024

Table 180: Contingency table between death 3year and Tipo de Reoperação 6

death_3year	Tipo de Reoperação 6				Total
	1	2	3	NA	
0	26 (100%)	46 (100%)	6 (100%)	15033 (94%)	15111
1	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	26 (100%)	46 (100%)	6 (100%)	15946 (100%)	16024

Table 181: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 6

death_3year	Tipo de Dispositivo ao final do procedimento 6					Total
	1	2	3	4	NA	
0	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15030 (94%)	15111
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15943 (100%)	16024

Table 182: Contingency table between death 3year and Óbito intraoperatório 6

death_3year	Óbito intraoperatório 6		Total
	0	NA	
0	81 (100%)	15030 (94%)	15111
1	0 (0%)	913 (6%)	913
Total	81 (100%)	15943 (100%)	16024

Table 183: Contingency table between death 3year and Tipo de Reoperação 7

death_3year	Tipo de Reoperação 7				Total
	1	2	3	NA	
0	10 (100%)	18 (100%)	4 (100%)	15079 (94%)	15111
1	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	10 (100%)	18 (100%)	4 (100%)	15992 (100%)	16024

Table 184: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 7

death_3year	Tipo de Dispositivo ao final do procedimento 7					Total
	1	2	3	4	NA	
0	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15080 (94%)	15111
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15993 (100%)	16024

Table 185: Contingency table between death 3year and Óbito intraoperatório 7

death_3year	Óbito intraoperatório 7		Total
	0	NA	
0	32 (100%)	15079 (94%)	15111
1	0 (0%)	913 (6%)	913
Total	32 (100%)	15992 (100%)	16024

Table 186: Contingency table between death 3year and Tipo de Reoperação 8

death_3year	Tipo de Reoperação 8			Total
	1	2	NA	
0	3 (100%)	9 (100%)	15099 (94%)	15111
1	0 (0%)	0 (0%)	913 (6%)	913
Total	3 (100%)	9 (100%)	16012 (100%)	16024

Table 187: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 8

death_3year	Tipo de Dispositivo ao final do procedimento 8				Total
	1	2	4	NA	
0	7 (100%)	4 (100%)	1 (100%)	15099 (94%)	15111
1	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	7 (100%)	4 (100%)	1 (100%)	16012 (100%)	16024

Table 188: Contingency table between death 3year and Óbito intraoperatório 8

	Óbito intraoperatório 8		Total
death_3year	0	NA	
0	12 (100%)	15099 (94%)	15111
1	0 (0%)	913 (6%)	913
Total	12 (100%)	16012 (100%)	16024

Table 189: Contingency table between death 3year and Tipo de Reoperação 9

	Tipo de Reoperação 9		Total
death_3year	2	NA	
0	5 (100%)	15106 (94%)	15111
1	0 (0%)	913 (6%)	913
Total	5 (100%)	16019 (100%)	16024

Table 190: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 9

	Tipo de Dispositivo ao final do procedimento 9			Total
death_3year	1	2	NA	
0	3 (100%)	2 (100%)	15106 (94%)	15111
1	0 (0%)	0 (0%)	913 (6%)	913
Total	3 (100%)	2 (100%)	16019 (100%)	16024

Table 191: Contingency table between death 3year and Óbito intraoperatório 9

	Óbito intraoperatório 9		Total
death_3year	0	NA	
0	5 (100%)	15106 (94%)	15111
1	0 (0%)	913 (6%)	913
Total	5 (100%)	16019 (100%)	16024

Table 192: Contingency table between death 3year and Tipo de Reoperação 10

	Tipo de Reoperação 10		Total
death_3year	2	NA	
0	1 (100%)	15110 (94%)	15111
1	0 (0%)	913 (6%)	913
Total	1 (100%)	16023 (100%)	16024

Table 193: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 10

death_3year	Tipo de Dispositivo ao final do procedimento 10		Total
	2	NA	
0	1 (100%)	15110 (94%)	15111
1	0 (0%)	913 (6%)	913
Total	1 (100%)	16023 (100%)	16024

Table 194: Contingency table between death 3year and Óbito intraoperatório 10

death_3year	Óbito intraoperatório 10		Total
	0	NA	
0	1 (100%)	15110 (94%)	15111
1	0 (0%)	913 (6%)	913
Total	1 (100%)	16023 (100%)	16024

Table 195: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2

death_3year	Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2			Total
	0	1	NA	
0	4531 (99%)	266 (95%)	10314 (93%)	15111
1	63 (1%)	14 (5%)	836 (7%)	913
Total	4594 (100%)	280 (100%)	11150 (100%)	16024

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

death_3year	Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3			Total
	0	1	NA	
0	1367 (99%)	92 (98%)	13652 (94%)	15111
1	18 (1%)	2 (2%)	893 (6%)	913
Total	1385 (100%)	94 (100%)	14545 (100%)	16024

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

death_3year	Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4			Total
	0	1	NA	
0	455 (100%)	28 (100%)	14628 (94%)	15111
1	2 (0%)	0 (0%)	911 (6%)	913
Total	457 (100%)	28 (100%)	15539 (100%)	16024

Table 198: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5

| death_3year | Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5 | | | Total |
	0	1	NA	
0	182 (100%)	9 (100%)	14920 (94%)	15111
1	0 (0%)	0 (0%)	913 (6%)	913
Total	182 (100%)	9 (100%)	15833 (100%)	16024

Table 199: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6

| death_3year | Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6 | | | Total |
	0	1	NA	
0	74 (100%)	7 (100%)	15030 (94%)	15111
1	0 (0%)	0 (0%)	913 (6%)	913
Total	74 (100%)	7 (100%)	15943 (100%)	16024

Table 200: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7

| death_3year | Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7 | | | Total |
	0	1	NA	
0	28 (100%)	3 (100%)	15080 (94%)	15111
1	0 (0%)	0 (0%)	913 (6%)	913
Total	28 (100%)	3 (100%)	15993 (100%)	16024

Table 201: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8

| death_3year | Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8 | | | Total |
	0	1	NA	
0	11 (100%)	1 (100%)	15099 (94%)	15111
1	0 (0%)	0 (0%)	913 (6%)	913
Total	11 (100%)	1 (100%)	16012 (100%)	16024

Table 202: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9

| death_3year | Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9 | | Total |
	0	NA	
0	5 (100%)	15106 (94%)	15111
1	0 (0%)	913 (6%)	913
Total	5 (100%)	16019 (100%)	16024

Table 203: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10

death_3year	Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10		Total
	0	NA	
0	1 (100%)	15110 (94%)	15111
1	0 (0%)	913 (6%)	913
Total	1 (100%)	16023 (100%)	16024

Table 204: Contingency table between death 3year and Diálise durante os episódios de hospitalização

death_3year	Diálise durante os episódios de hospitalização		Total
	0	1	
0	15063 (94%)	48 (79%)	15111
1	900 (6%)	13 (21%)	913
Total	15963 (100%)	61 (100%)	16024

Table 205: Contingency table between death 3year and UTI durante os episódios de hospitalização

death_3year	UTI durante os episódios de hospitalização		Total
	0	1	
0	12011 (95%)	3100 (91%)	15111
1	609 (5%)	304 (9%)	913
Total	12620 (100%)	3404 (100%)	16024

Table 206: Contingency table between death 3year and Admissão em até 180 dias antes da T0

death_3year	Admissão em até 180 dias antes da T0		Total
	0	1	
0	14142 (95%)	969 (87%)	15111
1	767 (5%)	146 (13%)	913
Total	14909 (100%)	1115 (100%)	16024

Table 207: Contingency table between death 3year and Readmissões pós-T0 com diálise

death_3year	Readmissões pós-T0 com diálise				Total
	0	1	2	3	
0	15094 (94%)	15 (79%)	1 (50%)	1 (100%)	15111
1	908 (6%)	4 (21%)	1 (50%)	0 (0%)	913
Total	16002 (100%)	19 (100%)	2 (100%)	1 (100%)	16024

Table 208: Contingency table between death 3year and Desfecho principal da admissão T0

	Desfecho principal da admissão T0		Total
death_3year	0	1	
0	14853 (94%)	258 (100%)	15111
1	913 (6%)	0 (0%)	913
Total	15766 (100%)	258 (100%)	16024

Table 209: Contingency table between death 3year and Readmissão cirúrgica em até 30 dias

	Readmissão cirúrgica em até 30 dias		Total
death_3year	0	1	
0	14988 (94%)	123 (90%)	15111
1	899 (6%)	14 (10%)	913
Total	15887 (100%)	137 (100%)	16024

Table 210: Contingency table between death 3year and Readmissão cirúrgica entre 31 a 60 dias

	Readmissão cirúrgica entre 31 a 60 dias		Total
death_3year	0	1	
0	15027 (94%)	84 (90%)	15111
1	904 (6%)	9 (10%)	913
Total	15931 (100%)	93 (100%)	16024

Table 211: Contingency table between death 3year and Readmissão cirúgica entre 61 a 180 dias

	Readmissão cirúgica entre 61 a 180 dias		Total
death_3year	0	1	
0	14974 (94%)	137 (92%)	15111
1	901 (6%)	12 (8%)	913
Total	15875 (100%)	149 (100%)	16024

Table 212: Contingency table between death 3year and Readmissão cirúrgica em até 1 ano

	Readmissão cirúrgica em até 1 ano		Total
death_3year	0	1	
0	14992 (94%)	119 (90%)	15111
1	900 (6%)	13 (10%)	913
Total	15892 (100%)	132 (100%)	16024

Table 213: Contingency table between death 3year and Desfecho final do estudo

| | Desfecho final do estudo | | | | |
death_3year	1	2	3	Total
0	1886 (67%)	7728 (100%)	5497 (100%)	15111
1	913 (33%)	0 (0%)	0 (0%)	913
Total	2799 (100%)	7728 (100%)	5497 (100%)	16024

Table 214: Contingency table between death 3year and Ventilação mecânica / IOT

| | Ventilação mecânica / IOT | | |
death_3year	1	NA	Total
0	2715 (91%)	12396 (95%)	15111
1	269 (9%)	644 (5%)	913
Total	2984 (100%)	13040 (100%)	16024