Tables - death_3year

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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	65.468	0	68.9	110.6	17.783	14853	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	1.215	0	1	8	1.321	14853	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	2010.568	1999	2010	2021	5.820	14853	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	65.468	0	68.9	110.6	17.783	14853	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	2013.127	1999	2013	2022	4.661	14853	10069
1	2010.610	2001	2011	2021	5.361	913	836

Table 6: Idade no Procedimento 2

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.228	0.0	69.2	108.7	19.192	14853	10069
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	2014.343	1999	2015	2022	4.769	14853	13396
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	61.935	0.4	65.9	101.1	20.831	14853	13396
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	14853	14370
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	14853	14370
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	14853	14661
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	14853	14661
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	14853	14772
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	14853	14772
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	14853	14821
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	14853	14821
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	14853	14841
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	14853	14841
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	14853	14848
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	14853	14848
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	14853	14852
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	14853	14852
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	74.372	0.0	84.7	197.1	39.580	14853	10069
1	8.162	0.1	5.0	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	56.401	0.0	61.60	170.5	39.502	14853	13396
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	14853	14371
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	14853	14661
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	14853	14772
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	14853	14821
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	14853	14841
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	14853	14848
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	14853	14852
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	14853	10071
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	2.303	1	2	51	2.164	14853	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	1.393	1	1	32	1.033	14853	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	0.823	0	0	50	1.687	14853	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	0.504	0	0	38	1.171	14853	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	2010.562	1999	2010	2021	5.822	14853	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	1.502	0	0	191.95	6.290	14853	0
1	3.924	0	0	188.00	11.498	913	0

Table 39: Diálise durante a admissão T0

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	28	0.293	14853	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	0.030	0	0	1	0.170	14853	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	0.046	0	0	1	0.209	14853	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	0.075	0	0	1	0.264	14853	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	0.103	0	0	1	0.304	14853	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	6.175	0	4.8	22.6	5.253	14853	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	0	0	1	0.016	14853	0
1	0	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	0	0	1	0.016	14853	0
1	0	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	0.043	0	0	1	0.202	14853	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	14853	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	14853	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	14853	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	14853	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	14853	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	0.11	0	0	1	0.312	14853	0
1	1.00	1	1	1	0.000	913	0

Table 54: Tempo de sobrevida (anos)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.315	0	6.6	20.1	3.727	14853	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	0.306	0	0	28	1.321	14853	5635
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	0.266	0	0	98.0	2.286	14853	3340
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	3.214	0	0	445	15.974	14853	3340
1	11.212	0	0	844	41.237	913	143

Table 58: Antihipertensivo

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.423	0	0	160	4.138	14853	3340
1	1.139	0	0	349	14.193	913	143

Table 59: Betabloqueador

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.077	0	0	388	8.195	14853	3340
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	8.332	0	2	530	18.748	14853	3340
1	17.090	0	4	393	38.338	913	143

Table 61: DVA

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.650	0	0	1044	28.675	14853	3340
1	11.082	0	0	348	33.526	913	143

Table 62: Digoxina

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.201	0	0	50	1.475	14853	3340
1	0.715	0	0	39	3.167	913	143

Table 63: Estatinas

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.716	0	0	421	15.233	14853	3340
1	11.260	0	0	321	29.357	913	143

Table 64: Diuretico

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.630	0	0	1290.0	42.647	14853	3340
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	7.712	0	0	2408.0	46.374	14853	3340
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	4.002	0	0	453.0	15.337	14853	3340
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	1.830	0	0	204	7.345	14853	3340
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	0.573	0	0	509	9.004	14853	3340
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	0.041	14853	3340
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	14853	3340
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	0.172	14853	3340
1	0.023	0	0	3	0.209	913	143

Table 72: Insulina

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.089	0	0	16	0.456	14853	3340
1	0.186	0	0	7	0.646	913	143

Table 73: Hipoglicemiante

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.357	0	0	90	2.858	14853	3340
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	14853	3340
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	14853	3340
1	0	0	0	0	0	913	143

Table 76: Anticonvulsivante

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.821	0	0	334	10.093	14853	3340
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	3.423	0	0	387	11.968	14853	3340
1	7.493	0	1	132	17.501	913	143

Table 78: Antibióticos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	12.724	0	4	1812	58.716	14853	3340
1	23.047	0	4	1137	69.588	913	143

Table 79: Antifúngicos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.267	0	0	122	3.198	14853	3340
1	0.460	0	0	50	3.691	913	143

Table 80: Antiviral

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.107	0	0	131	2.564	14853	3340
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	0.462	14853	3340
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	4.626	1	4	17	2.488	14853	4717
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	0.019	0	0	42	0.638	14853	2627
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	0.012	0	0	2	0.109	14853	2627
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	0.054	0	0	9	0.358	14853	2627
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	0.040	14853	2627
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	0.002	0	0	4	0.064	14853	2627
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	0.102	0	0	11	0.519	14853	2627
1	0.169	0	0	6	0.653	913	107

Table 89: Traqueostomia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	5	0.056	14853	2627
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	0.010	0	0	4	0.121	14853	2627
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	0.117	14853	2627
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	0	0	14853	2627
1	0	0	0	0	0	913	107

Table 93: Angioplastia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.037	14853	2627
1	0.004	0	0	1	0.061	913	107

Table 94: Cateterismo

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.118	0	0	7	0.394	14853	2627
1	0.192	0	0	5	0.515	913	107

Table 95: Eletrofisiologia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.079	0	0	11	0.463	14853	2627
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	0.086	0	0	535	5.296	14853	2627
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	0.026	0	0	4	0.192	14853	2627
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	0.005	0	0	6	0.101	14853	2627
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	0.505	0	0	554	5.661	14853	2627
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	0.006	0	0	5	0.123	14853	3420
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	0.028	0	0	34	0.516	14853	2627
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	0.331	0	0	199	2.755	14853	2627
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	2.81	0	0	365	12.434	14853	2627
1	5.82	0	1	318	18.641	913	107

Table 104: ECG

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.750	0	2	97	5.537	14853	2627
1	6.058	0	4	140	8.230	913	107

Table 105: Holter

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.100	0	0	5	0.347	14853	2627
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	0.110	14853	2627
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	0.069	14853	2627
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	0.049	14853	2627
1	0.006	0	0	1	0.079	913	107

Table 109: Polissonografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.043	14853	2627
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	3.869	0	2	97	5.680	14853	2627
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	54.887	0	9	3474	160.195	14853	2627
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	0.271	0	0	25	1.091	14853	2627
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	55.157	0	9	3487	161.037	14853	2627
1	124.770	0	36	2354	233.865	913	107

Table 114: Citologias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	5	0.086	14853	2627
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	0.015	0	0	10	0.263	14853	2627
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	0.020	0	0	10	0.285	14853	2627
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	0.086	14853	2627
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	0.032	0	0	6	0.224	14853	2627
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	14853	2627
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	0.047	14853	2627
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	0.027	14853	2627
1	0.001	0	0	1	0.035	913	107

Table 122: Cavografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	1	0.085	14853	2627
1	0.006	0	0	1	0.079	913	107

Table 123: Cintilografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.059	0	0	5	0.338	14853	2627
1	0.156	0	0	4	0.537	913	107

Table 124: Ecocardiograma

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.514	0	0	24	1.181	14853	2627
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	0.014	0	0	6	0.163	14853	2627
1	0.031	0	0	2	0.224	913	107

Table 126: Flebografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.034	0	0	5	0.281	14853	2627
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	0.073	14853	2627
1	0.010	0	0	1	0.099	913	107

Table 128: Ultrassom

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.153	0	0	14	0.730	14853	2627
1	0.445	0	0	14	1.234	913	107

Table 129: Tomografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.148	0	0	15	0.640	14853	2627
1	0.298	0	0	9	0.851	913	107

Table 130: Radiografias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.815	0	1	192	6.740	14853	2627
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	0.069	0	0	6	0.298	14853	2627
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	3.858	0	2	232	8.505	14853	2627
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	0.016	0	0	91	0.923	14853	3422
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	0.001	0	0	3	0.042	14853	3422
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	0.734	0	0	1527	21.186	14853	3422
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	0.152	0	0	180	3.030	14853	3422
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	1.015	1	1	5	0.138	14853	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	0.096	14853	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	0.102	14853	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	0.130	14853	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	0.011	0	0	3	0.123	14853	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	3.027	1	3	10	1.731	14853	6262
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	39.643	0	9.00	5140	124.488	14853	3340
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	12.991	0	4	1812	59.840	14853	3340
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	Sexo 1	Total
0	7089 (95%)	7764 (93%)	14853
1	360 (5%)	553 (7%)	913
Total	7449 (100%)	8317 (100%)	15766

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

death_3year	Doença cardíaca 0	1	2	NA	Total
0	8666 (95%)	1030 (90%)	3258 (94%)	1899 (95%)	14853
1	490 (5%)	113 (10%)	205 (6%)	105 (5%)	913
Total	9156 (100%)	1143 (100%)	3463 (100%)	2004 (100%)	15766

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	5715 (95%)	1192 (89%)	7946 (94%)	14853
1	280 (5%)	154 (11%)	479 (6%)	913
Total	5995 (100%)	1346 (100%)	8425 (100%)	15766

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

death_3year	Hipertensão arterial		Total
	0	1	
0	11272 (94%)	3581 (93%)	14853
1	661 (6%)	252 (7%)	913
Total	11933 (100%)	3833 (100%)	15766

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

death_3year	Infarto do miocárdio prévio / Doença arterial coronariana		Total
	0	1	
0	13542 (95%)	1311 (91%)	14853
1	781 (5%)	132 (9%)	913
Total	14323 (100%)	1443 (100%)	15766

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

death_3year	Insuficiência cardíaca		Total
	0	1	
0	9735 (96%)	5118 (91%)	14853
1	390 (4%)	523 (9%)	913
Total	10125 (100%)	5641 (100%)	15766

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

death_3year	Fibrilação / flutter atrial		Total
	0	1	
0	12656 (95%)	2197 (92%)	14853
1	727 (5%)	186 (8%)	913
Total	13383 (100%)	2383 (100%)	15766

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

death_3year	Parada cardíaca prévia/ Taquicardia ventricular instável		Total
	0	1	
0	13089 (94%)	1764 (93%)	14853
1	784 (6%)	129 (7%)	913
Total	13873 (100%)	1893 (100%)	15766

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

death_3year	Transplante cardíaco prévio 0	1	Total
0	14842 (94%)	11 (92%)	14853
1	912 (6%)	1 (8%)	913
Total	15754 (100%)	12 (100%)	15766

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

death_3year	Valvopatias/ Prótese valvares 0	1	Total
0	13920 (95%)	933 (89%)	14853
1	792 (5%)	121 (11%)	913
Total	14712 (100%)	1054 (100%)	15766

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

death_3year	Endocardite prévia 0	1	Total
0	14727 (94%)	126 (95%)	14853
1	906 (6%)	7 (5%)	913
Total	15633 (100%)	133 (100%)	15766

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

death_3year	Diabetes melittus 0	1	Total
0	13144 (95%)	1709 (91%)	14853
1	746 (5%)	167 (9%)	913
Total	13890 (100%)	1876 (100%)	15766

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

death_3year	Insuficiência renal crônica 0	1	Total
0	14317 (95%)	536 (86%)	14853
1	829 (5%)	84 (14%)	913
Total	15146 (100%)	620 (100%)	15766

Table 158: Contingency table between death 3year and Hemodiálise

death_3year	Hemodiálise 0	1	Total
0	14840 (94%)	13 (68%)	14853
1	907 (6%)	6 (32%)	913
Total	15747 (100%)	19 (100%)	15766

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

death_3year	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios 0	1	Total
0	14400 (94%)	453 (91%)	14853
1	867 (6%)	46 (9%)	913
Total	15267 (100%)	499 (100%)	15766

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

death_3year	Doença pulmonar obstrutiva crônica 0	1	Total
0	14662 (94%)	191 (90%)	14853
1	891 (6%)	22 (10%)	913
Total	15553 (100%)	213 (100%)	15766

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

death_3year	Neoplasia em tratamento ou tratada recentemente (12 meses) 0	1	Total
0	14751 (94%)	102 (90%)	14853
1	902 (6%)	11 (10%)	913
Total	15653 (100%)	113 (100%)	15766

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

death_3year	Tipo de Procedimento 1 1	2	Total
0	10201 (93%)	4652 (96%)	14853
1	711 (7%)	202 (4%)	913
Total	10912 (100%)	4854 (100%)	15766

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

death_3year	Tipo de Reoperação 1				Total
	1	2	3	NA	
0	3760 (96%)	861 (95%)	31 (94%)	10201 (93%)	14853
1	152 (4%)	48 (5%)	2 (6%)	711 (7%)	913
Total	3912 (100%)	909 (100%)	33 (100%)	10912 (100%)	15766

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	10201 (93%)	3760 (96%)	861 (95%)	31 (94%)	14853
1	711 (7%)	152 (4%)	48 (5%)	2 (6%)	913
Total	10912 (100%)	3912 (100%)	909 (100%)	33 (100%)	15766

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	11746 (96%)	1612 (91%)	1108 (88%)	387 (87%)	14853
1	549 (4%)	160 (9%)	146 (12%)	58 (13%)	913
Total	12295 (100%)	1772 (100%)	1254 (100%)	445 (100%)	15766

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	13358 (95%)	1495 (88%)	14853
1	709 (5%)	204 (12%)	913
Total	14067 (100%)	1699 (100%)	15766

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

death_3year	Óbito intraoperatório 1	Total
	0	
0	14853 (94%)	14853
1	913 (6%)	913
Total	15766 (100%)	15766

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

death_3year	Tipo de Reoperação 2				Total
	1	2	3	NA	
0	3252 (100%)	1412 (96%)	112 (93%)	10077 (92%)	14853
1	7 (0%)	62 (4%)	9 (7%)	835 (8%)	913
Total	3259 (100%)	1474 (100%)	121 (100%)	10912 (100%)	15766

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	3587 (99%)	624 (97%)	378 (98%)	189 (93%)	10075 (92%)	14853
1	36 (1%)	18 (3%)	9 (2%)	14 (7%)	836 (8%)	913
Total	3623 (100%)	642 (100%)	387 (100%)	203 (100%)	10911 (100%)	15766

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

death_3year	Óbito intraoperatório 2		Total
	0	NA	
0	4783 (98%)	10070 (92%)	14853
1	78 (2%)	835 (8%)	913
Total	4861 (100%)	10905 (100%)	15766

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

death_3year	Tipo de Reoperação 3				Total
	1	2	3	NA	
0	723 (100%)	560 (97%)	60 (97%)	13510 (94%)	14853
1	0 (0%)	18 (3%)	2 (3%)	893 (6%)	913
Total	723 (100%)	578 (100%)	62 (100%)	14403 (100%)	15766

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	957 (99%)	247 (98%)	157 (98%)	95 (96%)	13397 (94%)	14853
1	9 (1%)	4 (2%)	3 (2%)	4 (4%)	893 (6%)	913
Total	966 (100%)	251 (100%)	160 (100%)	99 (100%)	14290 (100%)	15766

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

| death_3year | Óbito intraoperatório 3 | | | Total |
	0	1	NA	
0	1453 (99%)	4 (100%)	13396 (94%)	14853
1	20 (1%)	0 (0%)	893 (6%)	913
Total	1473 (100%)	4 (100%)	14289 (100%)	15766

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

| death_3year | Tipo de Reoperação 4 | | | | Total |
	1	2	3	NA	
0	192 (100%)	249 (99%)	33 (100%)	14379 (94%)	14853
1	0 (0%)	2 (1%)	0 (0%)	911 (6%)	913
Total	192 (100%)	251 (100%)	33 (100%)	15290 (100%)	15766

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

| death_3year | Tipo de Dispositivo ao final do procedimento 4 | | | | | Total |
	1	2	3	4	NA	
0	287 (100%)	110 (100%)	45 (100%)	41 (98%)	14370 (94%)	14853
1	1 (0%)	0 (0%)	0 (0%)	1 (2%)	911 (6%)	913
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15281 (100%)	15766

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

| death_3year | Óbito intraoperatório 4 | | Total |
	0	NA	
0	483 (100%)	14370 (94%)	14853
1	2 (0%)	911 (6%)	913
Total	485 (100%)	15281 (100%)	15766

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

| death_3year | Tipo de Reoperação 5 | | | | Total |
	1	2	3	NA	
0	71 (100%)	106 (100%)	14 (100%)	14662 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	71 (100%)	106 (100%)	14 (100%)	15575 (100%)	15766

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%)	14662 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15575 (100%)	15766

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

death_3year	Óbito intraoperatório 5		Total
	0	NA	
0	192 (100%)	14661 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	192 (100%)	15574 (100%)	15766

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%)	14775 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	26 (100%)	46 (100%)	6 (100%)	15688 (100%)	15766

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%)	14772 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15685 (100%)	15766

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

death_3year	Óbito intraoperatório 6		Total
	0	NA	
0	81 (100%)	14772 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	81 (100%)	15685 (100%)	15766

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%)	14821 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	10 (100%)	18 (100%)	4 (100%)	15734 (100%)	15766

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%)	14822 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15735 (100%)	15766

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

death_3year	Óbito intraoperatório 7		Total
	0	NA	
0	32 (100%)	14821 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	32 (100%)	15734 (100%)	15766

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%)	14841 (94%)	14853
1	0 (0%)	0 (0%)	913 (6%)	913
Total	3 (100%)	9 (100%)	15754 (100%)	15766

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%)	14841 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	7 (100%)	4 (100%)	1 (100%)	15754 (100%)	15766

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

	Óbito intraoperatório 8		
death_3year	0	NA	Total
0	12 (100%)	14841 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	12 (100%)	15754 (100%)	15766

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

	Tipo de Reoperação 9		
death_3year	2	NA	Total
0	5 (100%)	14848 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	5 (100%)	15761 (100%)	15766

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

	Tipo de Dispositivo ao final do procedimento 9			
death_3year	1	2	NA	Total
0	3 (100%)	2 (100%)	14848 (94%)	14853
1	0 (0%)	0 (0%)	913 (6%)	913
Total	3 (100%)	2 (100%)	15761 (100%)	15766

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

	Óbito intraoperatório 9		
death_3year	0	NA	Total
0	5 (100%)	14848 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	5 (100%)	15761 (100%)	15766

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

	Tipo de Reoperação 10		
death_3year	2	NA	Total
0	1 (100%)	14852 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	1 (100%)	15765 (100%)	15766

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%)	14852 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	1 (100%)	15765 (100%)	15766

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

| death_3year | Óbito intraoperatório 10 | | Total |
	0	NA	
0	1 (100%)	14852 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	1 (100%)	15765 (100%)	15766

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	4513 (99%)	265 (95%)	10075 (92%)	14853
1	63 (1%)	14 (5%)	836 (8%)	913
Total	4576 (100%)	279 (100%)	10911 (100%)	15766

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	1364 (99%)	92 (98%)	13397 (94%)	14853
1	18 (1%)	2 (2%)	893 (6%)	913
Total	1382 (100%)	94 (100%)	14290 (100%)	15766

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%)	14370 (94%)	14853
1	2 (0%)	0 (0%)	911 (6%)	913
Total	457 (100%)	28 (100%)	15281 (100%)	15766

Table 198: Contingency table between death 3year 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 | | | |
death_3year	0	1	NA	Total
0	182 (100%)	9 (100%)	14662 (94%)	14853
1	0 (0%)	0 (0%)	913 (6%)	913
Total	182 (100%)	9 (100%)	15575 (100%)	15766

Table 199: Contingency table between death 3year 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 | | | |
death_3year	0	1	NA	Total
0	74 (100%)	7 (100%)	14772 (94%)	14853
1	0 (0%)	0 (0%)	913 (6%)	913
Total	74 (100%)	7 (100%)	15685 (100%)	15766

Table 200: Contingency table between death 3year 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 | | | |
death_3year	0	1	NA	Total
0	28 (100%)	3 (100%)	14822 (94%)	14853
1	0 (0%)	0 (0%)	913 (6%)	913
Total	28 (100%)	3 (100%)	15735 (100%)	15766

Table 201: Contingency table between death 3year 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 | | | |
death_3year	0	1	NA	Total
0	11 (100%)	1 (100%)	14841 (94%)	14853
1	0 (0%)	0 (0%)	913 (6%)	913
Total	11 (100%)	1 (100%)	15754 (100%)	15766

Table 202: Contingency table between death 3year 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 | | |
death_3year	0	NA	Total
0	5 (100%)	14848 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	5 (100%)	15761 (100%)	15766

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%)	14852 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	1 (100%)	15765 (100%)	15766

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	14822 (94%)	31 (70%)	14853
1	900 (6%)	13 (30%)	913
Total	15722 (100%)	44 (100%)	15766

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	11946 (95%)	2907 (91%)	14853
1	609 (5%)	304 (9%)	913
Total	12555 (100%)	3211 (100%)	15766

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	13929 (95%)	924 (86%)	14853
1	767 (5%)	146 (14%)	913
Total	14696 (100%)	1070 (100%)	15766

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	14836 (94%)	15 (79%)	1 (50%)	1 (100%)	14853
1	908 (6%)	4 (21%)	1 (50%)	0 (0%)	913
Total	15744 (100%)	19 (100%)	2 (100%)	1 (100%)	15766

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

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

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

death_3year	Readmissão cirúrgica em até 30 dias		Total
	0	1	
0	14730 (94%)	123 (90%)	14853
1	899 (6%)	14 (10%)	913
Total	15629 (100%)	137 (100%)	15766

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

death_3year	Readmissão cirúrgica entre 31 a 60 dias		Total
	0	1	
0	14769 (94%)	84 (90%)	14853
1	904 (6%)	9 (10%)	913
Total	15673 (100%)	93 (100%)	15766

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

death_3year	Readmissão cirúgica entre 61 a 180 dias		Total
	0	1	
0	14716 (94%)	137 (92%)	14853
1	901 (6%)	12 (8%)	913
Total	15617 (100%)	149 (100%)	15766

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

death_3year	Readmissão cirúrgica em até 1 ano		Total
	0	1	
0	14734 (94%)	119 (90%)	14853
1	900 (6%)	13 (10%)	913
Total	15634 (100%)	132 (100%)	15766

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

| | Desfecho final do estudo | | | | |
death_3year	1	2	3	Total
0	1628 (64%)	7728 (100%)	5497 (100%)	14853
1	913 (36%)	0 (0%)	0 (0%)	913
Total	2541 (100%)	7728 (100%)	5497 (100%)	15766

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

| | Ventilação mecânica / IOT | | |
death_3year	1	NA	Total
0	2580 (91%)	12273 (95%)	14853
1	269 (9%)	644 (5%)	913
Total	2849 (100%)	12917 (100%)	15766