Tables - death_180days

Eduardo Yuki Yada

Imports

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

Loading data

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

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

outcome_column <- params$outcome_column

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

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

Numerical variables

```
medianWithoutNA <- function(x) {
   median(x[which(!is.na(x))])
}
i = 0
for (column in columns_list$numerical_columns){
  df %>%
    group_by_at(vars(one_of(outcome_column))) %>%
    summarise('Mean' = mean(!!sym(column), na.rm = T),
              'Min' = min(!!sym(column), na.rm = T),
              'Median' = medianWithoutNA(!!sym(column)),
              'Max' = max(!!sym(column), na.rm = T),
              'Standard Deviation' = sd(!!sym(column), na.rm = T),
              'N' = n(),
              'Missing' = sum(is.na(!!sym(column)))) %>%
    ungroup %>%
    mutate(Min = ifelse(is.infinite(Min), NA, Min),
           Max = ifelse(is.infinite(Max), NA, Max)) %>%
    kbl(align = "l", booktabs = T, digits = 3, format = 'latex', label = i,
        caption = df_names %>% filter(variable.name == column) %>% .$field.label) %>%
    column_spec(1, bold = T, width = "8em") %>%
    row_spec(c(1) - 1, extra_latex_after = "\\rowcolor{gray!6}") %>%
    collapse_rows(1, latex_hline = "none") %>%
    kable_styling(latex_options = c("HOLD_position", "repeat_header")) %>%
    print
```

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

Table 1: Idade no momento do primeiro procedimento

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.509	0.0	68.90	110.6	17.788	15436	0
1	70.363	0.3	73.45	98.9	16.428	330	0

Table 2: Número de comorbidades

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.230	0	1	8	1.332	15436	0
1	2.242	0	2	7	1.846	330	0

Table 3: Ano do procedimento 1

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.551	1999	2010	2021	5.783	15436	0
1	2012.367	2003	2013	2021	5.696	330	0

Table 4: Idade no Procedimento 1

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.509	0.0	68.90	110.6	17.788	15436	0
1	70.363	0.3	73.45	98.9	16.428	330	0

Table 5: Ano do procedimento 2

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2013.107	1999	2013	2022	4.671	15436	10599
1	2009.083	2003	2006	2021	5.397	330	306

Table 6: Idade no Procedimento 2

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.128	0.0	69.2	108.7	19.264	15436	10598
1	66.821	3.9	73.0	93.1	19.043	330	306

Table 7: Ano do procedimento 3

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.335	1999	2015	2022	4.775	15436	13966
1	2011.429	2005	2011	2019	5.912	330	323

Table 8: Idade no Procedimento 3

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	61.966	0.4	65.9	101.1	20.765	15436	13966
1	70.014	43.7	75.9	88.2	15.980	330	323

Table 9: Ano do procedimento 4

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.457	2002	2015	2022	4.811	15436	14952
1	2016.000	2016	2016	2016	NA	330	329

Table 10: Idade no Procedimento 4

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	59.582	1.9	63.7	97.7	21.923	15436	14952
1	80.400	80.4	80.4	80.4	NA	330	329

Table 11: Ano do procedimento 5

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.234	2003	2014	2022	4.19	15436	15244
1	NaN	NA	NA	NA	NA	330	330

Table 12: Idade no Procedimento 5

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	57.845	3.2	62.75	99.7	22.035	15436	15244
1	NaN	NA	NA	NA	NA	330	330

Table 13: Ano do procedimento 6

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.728	2003	2015	2021	4.547	15436	15355
1	NaN	NA	NA	NA	NA	330	330

Table 14: Idade no Procedimento 6

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.865	6.6	58.8	101.6	22.394	15436	15355
1	NaN	NA	NA	NA	NA	330	330

Table 15: Ano do procedimento 7

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2015.656	2007	2016.5	2022	4.285	15436	15404
1	NaN	NA	NA	NA	NA	330	330

Table 16: Idade no Procedimento 7

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	51.231	8.8	57.1	81.8	20.858	15436	15404
1	NaN	NA	NA	NA	NA	330	330

Table 17: Ano do procedimento 8

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.917	2008	2015.5	2020	3.942	15436	15424
1	NaN	NA	NA	NA	NA	330	330

Table 18: Idade no Procedimento 8

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	52.283	14.3	52.9	81.8	23.027	15436	15424
1	NaN	NA	NA	NA	NA	330	330

Table 19: Ano do procedimento 9

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.8	2009	2016	2022	5.07	15436	15431
1	NaN	NA	NA	NA	NA	330	330

Table 20: Idade no Procedimento 9

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.86	15	36.6	82.2	26.06	15436	15431
1	NaN	NA	NA	NA	NA	330	330

Table 21: Ano do procedimento 10

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2019	2019	2019	2019	NA	15436	15435
1	NaN	NA	NA	NA	NA	330	330

Table 22: Idade no Procedimento 10

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.7	39.7	39.7	39.7	NA	15436	15435
1	NaN	NA	NA	NA	NA	330	330

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	73.667	0.0	83.9	197.1	39.928	15436	10598
1	1.362	0.1	1.3	5.2	1.185	330	306

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.925	0.0	60.95	170.5	39.649	15436	13966
1	1.029	0.3	0.90	2.1	0.632	330	323

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.67	0.0	32.0	142.7	39.835	15436	14953
1	7.90	7.9	7.9	7.9	NA	330	329

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	32.376	0	7.1	144.3	38.429	15436	15244
1	NaN	NA	NA	NA	NA	330	330

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	27.699	0	5.8	110.3	34.88	15436	15355
1	NaN	NA	NA	NA	NA	330	330

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	31.491	0	3.95	142.3	42.63	15436	15404
1	NaN	NA	NA	NA	NA	330	330

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	19.983	0.2	2.6	80.9	28.743	15436	15424
1	NaN	NA	NA	NA	NA	330	330

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	21.72	4.8	8.7	63.2	24.892	15436	15431
1	NaN	NA	NA	NA	NA	330	330

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	36.8	36.8	36.8	36.8	NA	15436	15435
1	NaN	NA	NA	NA	NA	330	330

Table 32: Número de Mudanças do tipo de DCEI

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.087	0	0	3	0.296	15436	10601
1	0.083	0	0	1	0.282	330	306

Table 33: Número de atendimentos

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.369	1	2	51	2.215	15436	0
1	2.915	1	2	19	2.483	330	0

Table 34: Número da Admissão T0 (admissão índice)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.421	1	1	32	1.084	15436	0
1	2.103	1	1	17	2.174	330	0

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.865	0	0	50	1.701	15436	0
1	0.812	0	1	4	0.757	330	0

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.528	0	0	38	1.210	15436	0
1	1.152	0	0	16	2.162	330	0

Table 37: Ano da admissão T0

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.544	1999	2010	2021	5.784	15436	19
1	2012.356	2003	2013	2021	5.679	330	1

Table 38: UTI durante a admissão T0

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.573	0	0	191.95	6.55	15436	0
1	4.890	0	0	96.54	12.01	330	0

Table 39: Diálise durante a admissão T0

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	28	0.362	15436	0
1	0.136	0	0	24	1.488	330	0

Table 40: Readmissão em até 30 dias

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.032	0	0	1	0.175	15436	0
1	0.339	0	0	1	0.474	330	0

Table 41: Readmissão entre 31 a 60 dias

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.048	0	0	1	0.215	15436	0
1	0.482	0	0	1	0.500	330	0

Table 42: Readmissão entre 61 a 180 dias

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.083	0	0	1	0.275	15436	0
1	0.645	0	1	1	0.479	330	0

Table 43: Readmissão em até 1 ano

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.117	0	0	1	0.321	15436	0
1	0.645	0	1	1	0.479	330	0

Table 44: Tempo de seguimento total (anos)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.000	0	4.6	22.6	5.230	15436	0
1	0.233	0	0.2	0.7	0.145	330	0

Table 45: Óbito intraoperatório

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	1	0.016	15436	0
1	0	0	0	0	0.000	330	0

Table 46: Óbito hospitalar (intraoperatório ou admissao T0)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	1	0.016	15436	0
1	0	0	0	0	0.000	330	0

Table 47: Óbito durante algum episódio de readmissão hospitalar

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.072	0	0	1	0.258	15436	0
1	0.603	0	1	1	0.490	330	0

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	15436	0
1	0.215	0	0	1	0.412	330	0

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15436	0
1	1	1	1	1	0	330	0

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	1	0.109	15436	0
1	1.000	1	1	1	0.000	330	0

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.028	0	0	1	0.164	15436	0
1	1.000	1	1	1	0.000	330	0

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.038	0	0	1	0.191	15436	0
1	1.000	1	1	1	0.000	330	0

Table 53: Óbito (status final)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.143	0	0	1	0.35	15436	0
1	1.000	1	1	1	0.00	330	0

Table 54: Tempo de sobrevida (anos)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.969	0	3.9	20.1	4.063	15436	14001
1	0.233	0	0.2	0.7	0.145	330	0

Table 55: Diárias no serviço de Emergência na admissão T0

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.310	0	0	28	1.343	15436	5844
1	0.543	0	0	13	1.690	330	85

Table 56: Anticoagulantes orais

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.287	0	0	98.0	2.425	15436	3443
1	0.728	0	0	22.5	2.702	330	40

Table 57: Antiarritmicos

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.417	0	0	445	16.412	15436	3443
1	16.059	0	0	844	59.288	330	40

Table 58: Antihipertensivo

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.422	0	0	160	4.103	15436	3443
1	2.355	0	0	349	22.742	330	40

Table 59: Betabloqueador

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.081	0	0	388	8.104	15436	3443
1	1.393	0	0	68	6.676	330	40

Table 60: IECA/BRA

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	8.633	0	2	530	19.778	15436	3443
1	19.171	0	3	261	41.994	330	40

Table 61: DVA

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.823	0	0	1044	28.616	15436	3443
1	14.545	0	0	348	42.132	330	40

Table 62: Digoxina

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.228	0	0	50	1.611	15436	3443
1	0.474	0	0	28	2.493	330	40

Table 63: Estatinas

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.864	0	0	421	15.489	15436	3443
1	15.962	0	0	321	39.594	330	40

Table 64: Diuretico

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.913	0	0	1290.0	42.607	15436	3443
1	31.803	0	3	1010.5	98.346	330	40

Table 65: Vasodilator

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	8.241	0	0	2408	47.712	15436	3443
1	39.760	0	0	741	104.859	330	40

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.264	0	0	453	15.946	15436	3443
1	12.936	0	0	249	30.612	330	40

Table 67: Antagonista da Aldosterona (espironolactona)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.937	0	0	204	7.521	15436	3443
1	6.174	0	0	141	13.922	330	40

Table 68: Bloqueador do canal de calcio

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.611	0	0	509	9.595	15436	3443
1	0.807	0	0	153	9.558	330	40

Table 69: Trombolitico

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.04	15436	3443
1	0.000	0	0	0	0.00	330	40

Table 70: Antiplaquetario VO

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15436	3443
1	0	0	0	0	0	330	40

Table 71: Antiplaquetario EV

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.010	0	0	8	0.173	15436	3443
1	0.038	0	0	2	0.240	330	40

Table 72: Insulina

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.090	0	0	16	0.461	15436	3443
1	0.272	0	0	7	0.761	330	40

Table 73: Hipoglicemiante

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.356	0	0	90	2.837	15436	3443
1	0.498	0	0	39	3.044	330	40

Table 74: Hormonio tireoidiano

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15436	3443
1	0	0	0	0	0	330	40

Table 75: Broncodiltador

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15436	3443
1	0	0	0	0	0	330	40

Table 76: Anticonvulsivante

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.834	0	0	334	10.019	15436	3443
1	2.755	0	0	390	24.651	330	40

Table 77: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.551	0	0	387	12.185	15436	3443
1	8.950	0	1	118	19.292	330	40

Table 78: Antibióticos

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	13.158	0	4	1812	59.834	15436	3443
1	22.221	0	4	270	42.940	330	40

Table 79: Antifúngicos

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.270	0	0	122	3.191	15436	3443
1	0.652	0	0	50	4.595	330	40

Table 80: Antiviral

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.105	0	0	131	2.518	15436	3443
1	0.031	0	0	5	0.375	330	40

Table 81: Antiretroviral

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	32	0.453	15436	3443
1	0.000	0	0	0	0.000	330	40

Table 82: Quantidade de classes medicamentosas utilizadas

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.698	1	4	17	2.516	15436	4882
1	6.685	1	7	15	2.873	330	73

Table 83: Ventilação não invasiva

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.018	0	0	42	0.625	15436	2702
1	0.050	0	0	8	0.581	330	32

Table 84: Instalação de CEC

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	2	0.109	15436	2702
1	0.010	0	0	1	0.100	330	32

Table 85: Cirurgia Cardiovascular

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.055	0	0	9	0.364	15436	2702
1	0.101	0	0	9	0.674	330	32

Table 86: Transplante cardíaco

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.040	15436	2702
1	0.003	0	0	1	0.058	330	32

Table 87: Cirurgia Toracica

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	4	0.066	15436	2702
1	0.007	0	0	2	0.116	330	32

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.105	0	0	11	0.525	15436	2702
1	0.168	0	0	5	0.635	330	32

Table 89: Traqueostomia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	5	0.056	15436	2702
1	0.000	0	0	0	0.000	330	32

Table 90: Intervenção coronária percutânea

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.010	0	0	4	0.125	15436	2702
1	0.037	0	0	3	0.263	330	32

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	3	0.116	15436	2702
1	0.010	0	0	2	0.129	330	32

Table 92: Stent

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15436	2702
1	0	0	0	0	0	330	32

Table 93: Angioplastia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.039	15436	2702
1	0.003	0	0	1	0.058	330	32

Table 94: Cateterismo

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.120	0	0	7	0.397	15436	2702
1	0.225	0	0	5	0.608	330	32

Table 95: Eletrofisiologia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.081	0	0	11	0.470	15436	2702
1	0.117	0	0	7	0.654	330	32

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.093	0	0	535	5.310	15436	2702
1	0.678	0	0	177	10.342	330	32

Table 97: Cateter venoso central

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.027	0	0	4	0.197	15436	2702
1	0.077	0	0	4	0.381	330	32

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	6	0.101	15436	2702
1	0.017	0	0	4	0.239	330	32

Table 99: Quantidade de procedimentos invasivos

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.522	0	0	554	5.670	15436	2702
1	1.453	0	0	197	11.591	330	32

Table 100: Cardioversão/ Desfibrilação (sessão)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	5	0.122	15436	3525
1	0.003	0	0	1	0.059	330	41

Table 101: Transfusão de hemoderivados

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.028	0	0	34	0.512	15436	2702
1	0.107	0	0	16	1.006	330	32

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.329	0	0	199	2.726	15436	2702
1	1.252	0	0	40	4.464	330	32

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.895	0	0	365	12.753	15436	2702
1	7.309	0	1	201	18.354	330	32

Table 104: ECG

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.833	0	2	140	5.714	15436	2702
1	6.473	0	4	51	7.228	330	32

Table 105: Holter

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.103	0	0	5	0.349	15436	2702
1	0.205	0	0	3	0.480	330	32

Table 106: Teste de esforço

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	3	0.109	15436	2702
1	0.000	0	0	0	0.000	330	32

Table 107: Espirometria / Ergoespirometria

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	2	0.070	15436	2702
1	0.003	0	0	1	0.058	330	32

Table 108: Tilt Test

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.050	15436	2702
1	0.007	0	0	1	0.082	330	32

Table 109: Polissonografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.043	15436	2702
1	0.003	0	0	1	0.058	330	32

Table 110: Quantidade de exames por métodos gráficos

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.954	0	2	140	5.853	15436	2702
1	6.691	0	5	51	7.380	330	32

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	56.964	0	10.0	3474	162.846	15436	2702
1	153.423	0	54.5	2260	262.993	330	32

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.279	0	0	25	1.101	15436	2702
1	0.923	0	0	16	2.082	330	32

Table 113: Quantidade de exames de análises clínicas

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	57.242	0	10.0	3487	163.696	15436	2702
1	154.346	0	55.5	2268	264.499	330	32

Table 114: Citologias

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	5	0.094	15436	2702
1	0.044	0	0	3	0.262	330	32

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.015	0	0	10	0.258	15436	2702
1	0.017	0	0	4	0.239	330	32

Table 116: Quantidade de exames histopatológicos

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.02	0	0	10	0.283	15436	2702
1	0.06	0	0	4	0.362	330	32

Table 117: Angio RM

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	4	0.086	15436	2702
1	0.000	0	0	0	0.000	330	32

Table 118: Angio TC

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.034	0	0	6	0.230	15436	2702
1	0.047	0	0	4	0.325	330	32

Table 119: Angiografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.050	15436	2702
1	0.007	0	0	1	0.082	330	32

Table 120: Aortografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.046	15436	2702
1	0.013	0	0	2	0.141	330	32

Table 121: Arteriografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.027	15436	2702
1	0.003	0	0	1	0.058	330	32

Table 122: Cavografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	1	0.083	15436	2702
1	0.013	0	0	1	0.115	330	32

Table 123: Cintilografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.062	0	0	5	0.347	15436	2702
1	0.181	0	0	4	0.587	330	32

Table 124: Ecocardiograma

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.523	0	0	24	1.187	15436	2702
1	0.973	0	1	18	1.801	330	32

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.015	0	0	6	0.165	15436	2702
1	0.034	0	0	2	0.244	330	32

Table 126: Flebografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.035	0	0	5	0.285	15436	2702
1	0.060	0	0	4	0.380	330	32

Table 127: PET-CT

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	3	0.075	15436	2702
1	0.007	0	0	1	0.082	330	32

Table 128: Ultrassom

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.162	0	0	14	0.746	15436	2702
1	0.581	0	0	14	1.505	330	32

Table 129: Tomografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.151	0	0	15	0.646	15436	2702
1	0.396	0	0	7	0.938	330	32

Table 130: Radiografias

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.886	0	1	192	6.949	15436	2702
1	6.121	0	3	119	11.136	330	32

Table 131: Ressonancia magnetica

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.071	0	0	6	0.305	15436	2702
1	0.154	0	0	3	0.422	330	32

Table 132: Quantidade de exames diagnóstico por imagem

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.960	0	2	232	8.711	15436	2702
1	8.591	0	4	141	13.767	330	32

Table 133: Dieta enteral (frasco)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.026	0	0	115	1.388	15436	3527
1	0.453	0	0	111	6.631	330	41

Table 134: Dieta parenteral (frasco)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	5	0.061	15436	3527
1	0.000	0	0	0	0.000	330	41

Table 135: Bomba de infusão contínua (horas)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.860	0	0	1527	22.024	15436	3527
1	4.201	0	0	743	48.523	330	41

Table 136: Marca-passo temporário (por hora)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.157	0	0	180	3.021	15436	3527
1	0.211	0	0	48	2.908	330	41

Table 137: Número de procedimentos na admissão T0

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.015	1	1	5	0.138	15436	0
1	1.018	1	1	3	0.173	330	0

Table 138: Número de procedimentos em até 30 dias

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	3	0.096	15436	0
1	0.024	0	0	1	0.154	330	0

Table 139: Número de procedimentos em até 60 dias

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	3	0.10	15436	0
1	0.033	0	0	1	0.18	330	0

Table 140: Número de procedimentos em até 180 dias

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	4	0.131	15436	0
1	0.018	0	0	2	0.155	330	0

Table 141: Número de procedimentos em até 1 ano

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	3	0.126	15436	0
1	0.003	0	0	1	0.055	330	0

Table 142: Quantidade de classes medicamentosas de ação cardiovascular

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.081	1	3	10	1.753	15436	6448
1	4.259	1	4	9	1.976	330	87

Table 143: Quantidade de medicamentos de ação cardiovascular

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	41.570	0	9.5	5140	126.457	15436	3443
1	145.478	0	35.0	1695	280.851	330	40

Table 144: Quantidade de antimicrobianos (antibióticos e antifúngicos)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	13.427	0	4	1812	60.944	15436	3443
1	22.872	0	4	270	45.039	330	40

Categorical variables

```
paste_matrix <- function(...,sep = " ",collapse = NULL){
    n <- max(sapply(list(...),nrow))
    p <- max(sapply(list(...),ncol))

    matrix(paste(...,sep = sep,collapse = collapse),n,p)
}
```

```
percent <- function(x) paste0("(", lapply(x, as.character), "%)")

addpercentage <- function(df, horizontal = FALSE){
  if (horizontal){
    x <- df %>%
      prop.table(margin = 1) %>%
      addmargins(FUN = list(Total = sum), quiet = TRUE) %>%
      round(2) * 100

    x[nrow(x),] <- " "
    x[-(nrow(x)),] <- lapply(x[-(nrow(x)), ], percent)
  } else {
    x <- df %>%
      prop.table(margin = 2) %>%
      addmargins(FUN = list(Total = sum), quiet = TRUE) %>%
      round(2) * 100

    x[, ncol(x)] <- " "
    x[, -(ncol(x))] <- lapply(x[, -(ncol(x))], percent)
```

```
  }

  y <- matrix(x, nrow = nrow(df) + 1)

  df <- df %>%
    addmargins(FUN = list(Total = sum), quiet = TRUE)

  df_final <- paste_matrix(df, y)
  rownames(df_final) <- rownames(df)
  colnames(df_final) <- colnames(df)
  return(df_final)
}
```

```
transpose_columns <- c()

for (column in columns_list$categorical_columns){
  if (length(unique(df[[column]])) > 5) next

  variable_name <- df_names %>%
    filter(variable.name == column) %>%
    .$field.label

  abbreviated_name <- df_names %>%
    filter(variable.name == column) %>%
    .$field.label

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

  if (column %in% transpose_columns){

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

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

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

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

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

```
    addpercentage

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

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

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

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

Table 145: Contingency table between death 180days and Sexo

	Sexo		
death_180days	0	1	Total
0	7320 (98%)	8116 (98%)	15436
1	129 (2%)	201 (2%)	330
Total	7449 (100%)	8317 (100%)	15766

Table 146: Contingency table between death 180days and Doença cardíaca

	Doença cardíaca				
death_180days	0	1	2	NA	Total
0	8976 (98%)	1095 (96%)	3394 (98%)	1971 (98%)	15436
1	180 (2%)	48 (4%)	69 (2%)	33 (2%)	330
Total	9156 (100%)	1143 (100%)	3463 (100%)	2004 (100%)	15766

Table 147: Contingency table between death 180days and Classe funcional de IC (NYHA)

	Classe funcional de IC (NYHA)			
death_180days	1	2	NA	Total
0	5881 (98%)	1270 (94%)	8285 (98%)	15436
1	114 (2%)	76 (6%)	140 (2%)	330
Total	5995 (100%)	1346 (100%)	8425 (100%)	15766

Table 148: Contingency table between death 180days and Hipertensão arterial

	Hipertensão arterial		
death_180days	0	1	Total
0	11727 (98%)	3709 (97%)	15436
1	206 (2%)	124 (3%)	330
Total	11933 (100%)	3833 (100%)	15766

Table 149: Contingency table between death 180days and Infarto do miocárdio prévio / Doença arterial coronariana

	Infarto do miocárdio prévio / Doença arterial coronariana		
death_180days	0	1	Total
0	14056 (98%)	1380 (96%)	15436
1	267 (2%)	63 (4%)	330
Total	14323 (100%)	1443 (100%)	15766

Table 150: Contingency table between death 180days and Insuficiência cardíaca

	Insuficiência cardíaca		
death_180days	0	1	Total
0	9985 (99%)	5451 (97%)	15436
1	140 (1%)	190 (3%)	330
Total	10125 (100%)	5641 (100%)	15766

Table 151: Contingency table between death 180days and Fibrilação / flutter atrial

	Fibrilação / flutter atrial		
death_180days	0	1	Total
0	13135 (98%)	2301 (97%)	15436
1	248 (2%)	82 (3%)	330
Total	13383 (100%)	2383 (100%)	15766

Table 152: Contingency table between death 180days and Parada cardíaca prévia/ Taquicardia ventricular instável

	Parada cardíaca prévia/ Taquicardia ventricular instável		
death_180days	0	1	Total
0	13594 (98%)	1842 (97%)	15436
1	279 (2%)	51 (3%)	330
Total	13873 (100%)	1893 (100%)	15766

Table 153: Contingency table between death 180days and Transplante cardíaco prévio

	Transplante cardíaco prévio		
death_180days	0	1	Total
0	15424 (98%)	12 (100%)	15436
1	330 (2%)	0 (0%)	330
Total	15754 (100%)	12 (100%)	15766

Table 154: Contingency table between death 180days and Valvopatias/ Prótese valvares

	Valvopatias/ Prótese valvares		
death_180days	0	1	Total
0	14433 (98%)	1003 (95%)	15436
1	279 (2%)	51 (5%)	330
Total	14712 (100%)	1054 (100%)	15766

Table 155: Contingency table between death 180days and Endocardite prévia

	Endocardite prévia		
death_180days	0	1	Total
0	15305 (98%)	131 (98%)	15436
1	328 (2%)	2 (2%)	330
Total	15633 (100%)	133 (100%)	15766

Table 156: Contingency table between death 180days and Diabetes melittus

	Diabetes melittus		
death_180days	0	1	Total
0	13645 (98%)	1791 (95%)	15436
1	245 (2%)	85 (5%)	330
Total	13890 (100%)	1876 (100%)	15766

Table 157: Contingency table between death 180days and Insuficiência renal crônica

	Insuficiência renal crônica		
death_180days	0	1	Total
0	14860 (98%)	576 (93%)	15436
1	286 (2%)	44 (7%)	330
Total	15146 (100%)	620 (100%)	15766

Table 158: Contingency table between death 180days and Hemodiálise

	Hemodiálise		
death_180days	0	1	Total
0	15422 (98%)	14 (74%)	15436
1	325 (2%)	5 (26%)	330
Total	15747 (100%)	19 (100%)	15766

Table 159: Contingency table between death 180days and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios		
death_180days	0	1	Total
0	14963 (98%)	473 (95%)	15436
1	304 (2%)	26 (5%)	330
Total	15267 (100%)	499 (100%)	15766

Table 160: Contingency table between death 180days and Doença pulmonar obstrutiva crônica

	Doença pulmonar obstrutiva crônica		
death_180days	0	1	Total
0	15233 (98%)	203 (95%)	15436
1	320 (2%)	10 (5%)	330
Total	15553 (100%)	213 (100%)	15766

Table 161: Contingency table between death 180days and Neoplasia em tratamento ou tratada recentemente (12 meses)

	Neoplasia em tratamento ou tratada recentemente (12 meses)		
death_180days	0	1	Total
0	15330 (98%)	106 (94%)	15436
1	323 (2%)	7 (6%)	330
Total	15653 (100%)	113 (100%)	15766

Table 162: Contingency table between death 180days and Tipo de Procedimento 1

	Tipo de Procedimento 1		
death_180days	1	2	Total
0	10644 (98%)	4792 (99%)	15436
1	268 (2%)	62 (1%)	330
Total	10912 (100%)	4854 (100%)	15766

Table 163: Contingency table between death 180days and Tipo de Reoperação 1

	Tipo de Reoperação 1				
death_180days	1	2	3	NA	Total
0	3866 (99%)	893 (98%)	33 (100%)	10644 (98%)	15436
1	46 (1%)	16 (2%)	0 (0%)	268 (2%)	330
Total	3912 (100%)	909 (100%)	33 (100%)	10912 (100%)	15766

Table 164: Contingency table between death 180days and Tipo de Procedimento 1 (merge: procedure type com reop type)

	Tipo de Procedimento 1 (merge: procedure type com reop type)				
death_180days	1	2	3	4	Total
0	10644 (98%)	3866 (99%)	893 (98%)	33 (100%)	15436
1	268 (2%)	46 (1%)	16 (2%)	0 (0%)	330
Total	10912 (100%)	3912 (100%)	909 (100%)	33 (100%)	15766

Table 165: Contingency table between death 180days and Tipo de Dispositivo ao final do procedimento 1

	Tipo de Dispositivo ao final do procedimento 1				
death_180days	1	2	3	4	Total
0	12091 (98%)	1729 (98%)	1194 (95%)	422 (95%)	15436
1	204 (2%)	43 (2%)	60 (5%)	23 (5%)	330
Total	12295 (100%)	1772 (100%)	1254 (100%)	445 (100%)	15766

Table 166: Contingency table between death 180days and Tipo de Dispositivo ao final do procedimento 1

	Tipo de Dispositivo ao final do procedimento 1		
death_180days	1	2	Total
0	13820 (98%)	1616 (95%)	15436
1	247 (2%)	83 (5%)	330
Total	14067 (100%)	1699 (100%)	15766

Table 167: Contingency table between death 180days and Óbito intraoperatório 1

	Óbito intraoperatório 1	
death_180days	0	Total
0	15436 (98%)	15436
1	330 (2%)	330
Total	15766 (100%)	15766

Table 168: Contingency table between death 180days and Tipo de Reoperação 2

	Tipo de Reoperação 2				
death_180days	1	2	3	NA	Total
0	3257 (100%)	1455 (99%)	118 (98%)	10606 (97%)	15436
1	2 (0%)	19 (1%)	3 (2%)	306 (3%)	330
Total	3259 (100%)	1474 (100%)	121 (100%)	10912 (100%)	15766

Table 169: Contingency table between death 180days and Tipo de Dispositivo ao final do procedimento 2

	Tipo de Dispositivo ao final do procedimento 2					
death_180days	1	2	3	4	NA	Total
0	3610 (100%)	637 (99%)	385 (99%)	199 (98%)	10605 (97%)	15436
1	13 (0%)	5 (1%)	2 (1%)	4 (2%)	306 (3%)	330
Total	3623 (100%)	642 (100%)	387 (100%)	203 (100%)	10911 (100%)	15766

Table 170: Contingency table between death 180days and Óbito intraoperatório 2

	Óbito intraoperatório 2		
death_180days	0	NA	Total
0	4837 (100%)	10599 (97%)	15436
1	24 (0%)	306 (3%)	330
Total	4861 (100%)	10905 (100%)	15766

Table 171: Contingency table between death 180days and Tipo de Reoperação 3

	Tipo de Reoperação 3				
death_180days	1	2	3	NA	Total
0	723 (100%)	571 (99%)	62 (100%)	14080 (98%)	15436
1	0 (0%)	7 (1%)	0 (0%)	323 (2%)	330
Total	723 (100%)	578 (100%)	62 (100%)	14403 (100%)	15766

Table 172: Contingency table between death 180days and Tipo de Dispositivo ao final do procedimento 3

	Tipo de Dispositivo ao final do procedimento 3					
death_180days	1	2	3	4	NA	Total
0	960 (99%)	251 (100%)	160 (100%)	98 (99%)	13967 (98%)	15436
1	6 (1%)	0 (0%)	0 (0%)	1 (1%)	323 (2%)	330
Total	966 (100%)	251 (100%)	160 (100%)	99 (100%)	14290 (100%)	15766

Table 173: Contingency table between death 180days and Óbito intraoperatório 3

	Óbito intraoperatório 3			
death_180days	0	1	NA	Total
0	1466 (100%)	4 (100%)	13966 (98%)	15436
1	7 (0%)	0 (0%)	323 (2%)	330
Total	1473 (100%)	4 (100%)	14289 (100%)	15766

Table 174: Contingency table between death 180days and Tipo de Reoperação 4

	Tipo de Reoperação 4				
death_180days	1	2	3	NA	Total
0	192 (100%)	250 (100%)	33 (100%)	14961 (98%)	15436
1	0 (0%)	1 (0%)	0 (0%)	329 (2%)	330
Total	192 (100%)	251 (100%)	33 (100%)	15290 (100%)	15766

Table 175: Contingency table between death 180days and Tipo de Dispositivo ao final do procedimento 4

	Tipo de Dispositivo ao final do procedimento 4					
death_180days	1	2	3	4	NA	Total
0	287 (100%)	110 (100%)	45 (100%)	42 (100%)	14952 (98%)	15436
1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	329 (2%)	330
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15281 (100%)	15766

Table 176: Contingency table between death 180days and Óbito intraoperatório 4

	Óbito intraoperatório 4		
death_180days	0	NA	Total
0	484 (100%)	14952 (98%)	15436
1	1 (0%)	329 (2%)	330
Total	485 (100%)	15281 (100%)	15766

Table 177: Contingency table between death 180days and Tipo de Reoperação 5

	Tipo de Reoperação 5				
death_180days	1	2	3	NA	Total
0	71 (100%)	106 (100%)	14 (100%)	15245 (98%)	15436
1	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	71 (100%)	106 (100%)	14 (100%)	15575 (100%)	15766

Table 178: Contingency table between death 180days and Tipo de Dispositivo ao final do procedimento 5

	Tipo de Dispositivo ao final do procedimento 5					
death_180days	1	2	3	4	NA	Total
0	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15245 (98%)	15436
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15575 (100%)	15766

Table 179: Contingency table between death 180days and Óbito intraoperatório 5

	Óbito intraoperatório 5		
death_180days	0	NA	Total
0	192 (100%)	15244 (98%)	15436
1	0 (0%)	330 (2%)	330
Total	192 (100%)	15574 (100%)	15766

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

	Tipo de Reoperação 6				
death_180days	1	2	3	NA	Total
0	26 (100%)	46 (100%)	6 (100%)	15358 (98%)	15436
1	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	26 (100%)	46 (100%)	6 (100%)	15688 (100%)	15766

Table 181: Contingency table between death 180days and Tipo de Dispositivo ao final do procedimento 6

	Tipo de Dispositivo ao final do procedimento 6					
death_180days	1	2	3	4	NA	Total
0	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15355 (98%)	15436
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15685 (100%)	15766

Table 182: Contingency table between death 180days and Óbito intraoperatório 6

	Óbito intraoperatório 6		
death_180days	0	NA	Total
0	81 (100%)	15355 (98%)	15436
1	0 (0%)	330 (2%)	330
Total	81 (100%)	15685 (100%)	15766

Table 183: Contingency table between death 180days and Tipo de Reoperação 7

	Tipo de Reoperação 7				
death_180days	1	2	3	NA	Total
0	10 (100%)	18 (100%)	4 (100%)	15404 (98%)	15436
1	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	10 (100%)	18 (100%)	4 (100%)	15734 (100%)	15766

Table 184: Contingency table between death 180days and Tipo de Dispositivo ao final do procedimento 7

	Tipo de Dispositivo ao final do procedimento 7					
death_180days	1	2	3	4	NA	Total
0	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15405 (98%)	15436
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15735 (100%)	15766

Table 185: Contingency table between death 180days and Óbito intraoperatório 7

	Óbito intraoperatório 7		
death_180days	0	NA	Total
0	32 (100%)	15404 (98%)	15436
1	0 (0%)	330 (2%)	330
Total	32 (100%)	15734 (100%)	15766

Table 186: Contingency table between death 180days and Tipo de Reoperação 8

	Tipo de Reoperação 8			
death_180days	1	2	NA	Total
0	3 (100%)	9 (100%)	15424 (98%)	15436
1	0 (0%)	0 (0%)	330 (2%)	330
Total	3 (100%)	9 (100%)	15754 (100%)	15766

Table 187: Contingency table between death 180days and Tipo de Dispositivo ao final do procedimento 8

	Tipo de Dispositivo ao final do procedimento 8				
death_180days	1	2	4	NA	Total
0	7 (100%)	4 (100%)	1 (100%)	15424 (98%)	15436
1	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	7 (100%)	4 (100%)	1 (100%)	15754 (100%)	15766

Table 188: Contingency table between death 180days and Óbito intraoperatório 8

	Óbito intraoperatório 8		
death_180days	0	NA	Total
0	12 (100%)	15424 (98%)	15436
1	0 (0%)	330 (2%)	330
Total	12 (100%)	15754 (100%)	15766

Table 189: Contingency table between death 180days and Tipo de Reoperação 9

	Tipo de Reoperação 9		
death_180days	2	NA	Total
0	5 (100%)	15431 (98%)	15436
1	0 (0%)	330 (2%)	330
Total	5 (100%)	15761 (100%)	15766

Table 190: Contingency table between death 180days and Tipo de Dispositivo ao final do procedimento 9

	Tipo de Dispositivo ao final do procedimento 9			
death_180days	1	2	NA	Total
0	3 (100%)	2 (100%)	15431 (98%)	15436
1	0 (0%)	0 (0%)	330 (2%)	330
Total	3 (100%)	2 (100%)	15761 (100%)	15766

Table 191: Contingency table between death 180days and Óbito intraoperatório 9

	Óbito intraoperatório 9		
death_180days	0	NA	Total
0	5 (100%)	15431 (98%)	15436
1	0 (0%)	330 (2%)	330
Total	5 (100%)	15761 (100%)	15766

Table 192: Contingency table between death 180days and Tipo de Reoperação 10

	Tipo de Reoperação 10		
death_180days	2	NA	Total
0	1 (100%)	15435 (98%)	15436
1	0 (0%)	330 (2%)	330
Total	1 (100%)	15765 (100%)	15766

Table 193: Contingency table between death 180days and Tipo de Dispositivo ao final do procedimento 10

	Tipo de Dispositivo ao final do procedimento 10		
death_180days	2	NA	Total
0	1 (100%)	15435 (98%)	15436
1	0 (0%)	330 (2%)	330
Total	1 (100%)	15765 (100%)	15766

Table 194: Contingency table between death 180days and Óbito intraoperatório 10

	Óbito intraoperatório 10		
death_180days	0	NA	Total
0	1 (100%)	15435 (98%)	15436
1	0 (0%)	330 (2%)	330
Total	1 (100%)	15765 (100%)	15766

Table 195: Contingency table between death 180days and Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2

	Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2			
death_180days	0	1	NA	Total
0	4553 (99%)	278 (100%)	10605 (97%)	15436
1	23 (1%)	1 (0%)	306 (3%)	330
Total	4576 (100%)	279 (100%)	10911 (100%)	15766

Table 196: Contingency table between death 180days and Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3

	Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3			
death_180days	0	1	NA	Total
0	1376 (100%)	93 (99%)	13967 (98%)	15436
1	6 (0%)	1 (1%)	323 (2%)	330
Total	1382 (100%)	94 (100%)	14290 (100%)	15766

Table 197: Contingency table between death 180days and Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4

	Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4			
death_180days	0	1	NA	Total
0	456 (100%)	28 (100%)	14952 (98%)	15436
1	1 (0%)	0 (0%)	329 (2%)	330
Total	457 (100%)	28 (100%)	15281 (100%)	15766

Table 198: Contingency table between death 180days 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_180days	0	1	NA	Total
0	182 (100%)	9 (100%)	15245 (98%)	15436
1	0 (0%)	0 (0%)	330 (2%)	330
Total	182 (100%)	9 (100%)	15575 (100%)	15766

Table 199: Contingency table between death 180days 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_180days	0	1	NA	Total
0	74 (100%)	7 (100%)	15355 (98%)	15436
1	0 (0%)	0 (0%)	330 (2%)	330
Total	74 (100%)	7 (100%)	15685 (100%)	15766

Table 200: Contingency table between death 180days 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_180days	0	1	NA	Total
0	28 (100%)	3 (100%)	15405 (98%)	15436
1	0 (0%)	0 (0%)	330 (2%)	330
Total	28 (100%)	3 (100%)	15735 (100%)	15766

Table 201: Contingency table between death 180days 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_180days	0	1	NA	Total
0	11 (100%)	1 (100%)	15424 (98%)	15436
1	0 (0%)	0 (0%)	330 (2%)	330
Total	11 (100%)	1 (100%)	15754 (100%)	15766

Table 202: Contingency table between death 180days 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_180days	0	NA	Total
0	5 (100%)	15431 (98%)	15436
1	0 (0%)	330 (2%)	330
Total	5 (100%)	15761 (100%)	15766

Table 203: Contingency table between death 180days and Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10

	Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10		
death_180days	0	NA	Total
0	1 (100%)	15435 (98%)	15436
1	0 (0%)	330 (2%)	330
Total	1 (100%)	15765 (100%)	15766

Table 204: Contingency table between death 180days and Diálise durante os episódios de hospitalização

	Diálise durante os episódios de hospitalização		
death_180days	0	1	Total
0	15398 (98%)	38 (86%)	15436
1	324 (2%)	6 (14%)	330
Total	15722 (100%)	44 (100%)	15766

Table 205: Contingency table between death 180days and UTI durante os episódios de hospitalização

	UTI durante os episódios de hospitalização		
death_180days	0	1	Total
0	12341 (98%)	3095 (96%)	15436
1	214 (2%)	116 (4%)	330
Total	12555 (100%)	3211 (100%)	15766

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

	Admissão em até 180 dias antes da T0		
death_180days	0	1	Total
0	14422 (98%)	1014 (95%)	15436
1	274 (2%)	56 (5%)	330
Total	14696 (100%)	1070 (100%)	15766

Table 207: Contingency table between death 180days and Readmissões pós-T0 com diálise

	Readmissões pós-T0 com diálise				
death_180days	0	1	2	3	Total
0	15416 (98%)	17 (89%)	2 (100%)	1 (100%)	15436
1	328 (2%)	2 (11%)	0 (0%)	0 (0%)	330
Total	15744 (100%)	19 (100%)	2 (100%)	1 (100%)	15766

Table 208: Contingency table between death 180days and Desfecho principal da admissão T0

	Desfecho principal da admissão T0	
death_180days	0	Total
0	15436 (98%)	15436
1	330 (2%)	330
Total	15766 (100%)	15766

Table 209: Contingency table between death 180days and Readmissão cirúrgica em até 30 dias

	Readmissão cirúrgica em até 30 dias		
death_180days	0	1	Total
0	15309 (98%)	127 (93%)	15436
1	320 (2%)	10 (7%)	330
Total	15629 (100%)	137 (100%)	15766

Table 210: Contingency table between death 180days and Readmissão cirúrgica entre 31 a 60 dias

	Readmissão cirúrgica entre 31 a 60 dias		
death_180days	0	1	Total
0	15351 (98%)	85 (91%)	15436
1	322 (2%)	8 (9%)	330
Total	15673 (100%)	93 (100%)	15766

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

	Readmissão cirúgica entre 61 a 180 dias		
death_180days	0	1	Total
0	15290 (98%)	146 (98%)	15436
1	327 (2%)	3 (2%)	330
Total	15617 (100%)	149 (100%)	15766

Table 212: Contingency table between death 180days and Readmissão cirúrgica em até 1 ano

	Readmissão cirúrgica em até 1 ano		
death_180days	0	1	Total
0	15304 (98%)	132 (100%)	15436
1	330 (2%)	0 (0%)	330
Total	15634 (100%)	132 (100%)	15766

Table 213: Contingency table between death 180days and Desfecho final do estudo

	Desfecho final do estudo			
death_180days	1	2	3	Total
0	2211 (87%)	7728 (100%)	5497 (100%)	15436
1	330 (13%)	0 (0%)	0 (0%)	330
Total	2541 (100%)	7728 (100%)	5497 (100%)	15766

Table 214: Contingency table between death 180days and Ventilação mecânica / IOT

	Ventilação mecânica / IOT		
death_180days	1	NA	Total
0	2758 (97%)	12678 (98%)	15436
1	91 (3%)	239 (2%)	330
Total	2849 (100%)	12917 (100%)	15766