

# Tables

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
```

## 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
<b>0</b>	65.438	0.0	68.90	110.6	17.985	15694	0
<b>1</b>	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
<b>0</b>	1.240	0	1	8	1.336	15694	0
<b>1</b>	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
<b>0</b>	2010.556	1999	2010	2021	5.774	15694	0
<b>1</b>	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
<b>0</b>	65.438	0.0	68.90	110.6	17.985	15694	0
<b>1</b>	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
<b>0</b>	2013.100	1999	2013	2022	4.682	15694	10837
<b>1</b>	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
<b>0</b>	65.114	0.0	69.1	108.7	19.271	15694	10836
<b>1</b>	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
<b>0</b>	2014.329	1999	2015	2022	4.781	15694	14221
<b>1</b>	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
<b>0</b>	61.997	0.4	65.9	101.1	20.775	15694	14221
<b>1</b>	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
<b>0</b>	2014.457	2002	2015	2022	4.811	15694	15210
<b>1</b>	2016.000	2016	2016	2016	NA	330	329

Table 10: Idade no Procedimento 4

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	59.582	1.9	63.7	97.7	21.923	15694	15210
<b>1</b>	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
<b>0</b>	2014.234	2003	2014	2022	4.19	15694	15502
<b>1</b>	NaN	NA	NA	NA	NA	330	330

Table 12: Idade no Procedimento 5

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	57.845	3.2	62.75	99.7	22.035	15694	15502
<b>1</b>	NaN	NA	NA	NA	NA	330	330

Table 13: Ano do procedimento 6

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2014.728	2003	2015	2021	4.547	15694	15613
<b>1</b>	NaN	NA	NA	NA	NA	330	330

Table 14: Idade no Procedimento 6

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	55.865	6.6	58.8	101.6	22.394	15694	15613
<b>1</b>	NaN	NA	NA	NA	NA	330	330

Table 15: Ano do procedimento 7

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2015.656	2007	2016.5	2022	4.285	15694	15662
<b>1</b>	NaN	NA	NA	NA	NA	330	330

Table 16: Idade no Procedimento 7

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	51.231	8.8	57.1	81.8	20.858	15694	15662
<b>1</b>	NaN	NA	NA	NA	NA	330	330

Table 17: Ano do procedimento 8

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2014.917	2008	2015.5	2020	3.942	15694	15682
<b>1</b>	NaN	NA	NA	NA	NA	330	330

Table 18: Idade no Procedimento 8

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	52.283	14.3	52.9	81.8	23.027	15694	15682
<b>1</b>	NaN	NA	NA	NA	NA	330	330

Table 19: Ano do procedimento 9

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2014.8	2009	2016	2022	5.07	15694	15689
<b>1</b>	NaN	NA	NA	NA	NA	330	330

Table 20: Idade no Procedimento 9

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	39.86	15	36.6	82.2	26.06	15694	15689
<b>1</b>	NaN	NA	NA	NA	NA	330	330

Table 21: Ano do procedimento 10

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2019	2019	2019	2019	NA	15694	15693
<b>1</b>	NaN	NA	NA	NA	NA	330	330

Table 22: Idade no Procedimento 10

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	39.7	39.7	39.7	39.7	NA	15694	15693
<b>1</b>	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
<b>0</b>	73.366	0.0	83.75	197.1	40.119	15694	10836
<b>1</b>	1.362	0.1	1.30	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
<b>0</b>	55.812	0.0	60.9	170.5	39.688	15694	14221
<b>1</b>	1.029	0.3	0.9	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
<b>0</b>	39.67	0.0	32.0	142.7	39.835	15694	15211
<b>1</b>	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
<b>0</b>	32.376	0	7.1	144.3	38.429	15694	15502
<b>1</b>	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
<b>0</b>	27.699	0	5.8	110.3	34.88	15694	15613
<b>1</b>	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
<b>0</b>	31.491	0	3.95	142.3	42.63	15694	15662
<b>1</b>	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
<b>0</b>	19.983	0.2	2.6	80.9	28.743	15694	15682
<b>1</b>	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
<b>0</b>	21.72	4.8	8.7	63.2	24.892	15694	15689
<b>1</b>	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
<b>0</b>	36.8	36.8	36.8	36.8	NA	15694	15693
<b>1</b>	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
<b>0</b>	0.087	0	0	3	0.296	15694	10840
<b>1</b>	0.083	0	0	1	0.282	330	306

Table 33: Número de atendimentos

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2.362	1	2	51	2.208	15694	0
<b>1</b>	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
<b>0</b>	1.429	1	1	32	1.097	15694	0
<b>1</b>	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
<b>0</b>	0.851	0	0	50	1.691	15694	0
<b>1</b>	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
<b>0</b>	0.535	0	0	38	1.219	15694	0
<b>1</b>	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
<b>0</b>	2010.548	1999	2010	2021	5.776	15694	19
<b>1</b>	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
<b>0</b>	1.923	0	0	213.00	8.141	15694	0
<b>1</b>	4.890	0	0	96.54	12.010	330	0

Table 39: Diálise durante a admissão T0

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.035	0	0	78	1.182	15694	0
<b>1</b>	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
<b>0</b>	0.031	0	0	1	0.174	15694	0
<b>1</b>	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
<b>0</b>	0.048	0	0	1	0.213	15694	0
<b>1</b>	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
<b>0</b>	0.081	0	0	1	0.273	15694	0
<b>1</b>	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
<b>0</b>	0.115	0	0	1	0.319	15694	0
<b>1</b>	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
<b>0</b>	5.903	0	4.5	22.6	5.241	15694	0
<b>1</b>	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
<b>0</b>	0.001	0	0	1	0.026	15694	0
<b>1</b>	0.000	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
<b>0</b>	0.017	0	0	1	0.128	15694	0
<b>1</b>	0.000	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
<b>0</b>	0.070	0	0	1	0.256	15694	0
<b>1</b>	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
<b>0</b>	0.000	0	0	0	0.000	15694	0
<b>1</b>	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
<b>0</b>	0	0	0	0	0	15694	0
<b>1</b>	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
<b>0</b>	0.012	0	0	1	0.109	15694	0
<b>1</b>	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
<b>0</b>	0.027	0	0	1	0.162	15694	0
<b>1</b>	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
<b>0</b>	0.037	0	0	1	0.189	15694	0
<b>1</b>	1.000	1	1	1	0.000	330	0

Table 53: Óbito (status final)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.157	0	0	1	0.364	15694	0
<b>1</b>	1.000	1	1	1	0.000	330	0

Table 54: Tempo de sobrevida (anos)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	4.222	0	2.9	20.1	4.135	15694	14001
<b>1</b>	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
<b>0</b>	0.316	0	0	28	1.358	15694	5923
<b>1</b>	0.543	0	0	13	1.690	330	85

Table 56: Anticoagulantes orais

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.293	0	0	98.0	2.444	15694	3479
<b>1</b>	0.728	0	0	22.5	2.702	330	40

Table 57: Antiarrítmicos

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	3.978	0	0	575	19.434	15694	3479
<b>1</b>	16.059	0	0	844	59.288	330	40

Table 58: Antihipertensivo

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.459	0	0	160	4.416	15694	3479
<b>1</b>	2.355	0	0	349	22.742	330	40

Table 59: Betabloqueador

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	1.104	0	0	388	8.128	15694	3479
<b>1</b>	1.393	0	0	68	6.676	330	40

Table 60: IECA/BRA

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	8.819	0	2	773	21.683	15694	3479
<b>1</b>	19.171	0	3	261	41.994	330	40

Table 61: DVA

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	7.445	0	0	1917	47.238	15694	3479
<b>1</b>	14.545	0	0	348	42.132	330	40

Table 62: Digoxina

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.232	0	0	50	1.660	15694	3479
<b>1</b>	0.474	0	0	28	2.493	330	40

Table 63: Estatinas

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	5.038	0	0	421	16.182	15694	3479
<b>1</b>	15.962	0	0	321	39.594	330	40

Table 64: Diuretico

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	11.357	0	0	2966.0	69.288	15694	3479
<b>1</b>	31.803	0	3	1010.5	98.346	330	40

Table 65: Vasodilator

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	9.653	0	0	3820.5	63.128	15694	3479
<b>1</b>	39.760	0	0	741.0	104.859	330	40

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	4.458	0	0	453	16.654	15694	3479
<b>1</b>	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
<b>0</b>	2.060	0	0	255	8.163	15694	3479
<b>1</b>	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
<b>0</b>	0.627	0	0	509	9.629	15694	3479
<b>1</b>	0.807	0	0	153	9.558	330	40

Table 69: Trombolitico

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.001	0	0	3	0.048	15694	3479
<b>1</b>	0.000	0	0	0	0.000	330	40

Table 70: Antiplaquetario VO

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0	0	0	0	0	15694	3479
<b>1</b>	0	0	0	0	0	330	40

Table 71: Antiplaquetario EV

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.011	0	0	8	0.177	15694	3479
<b>1</b>	0.038	0	0	2	0.240	330	40

Table 72: Insulina

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.099	0	0	16	0.493	15694	3479
<b>1</b>	0.272	0	0	7	0.761	330	40

Table 73: Hipoglicemiante

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.350	0	0	90	2.812	15694	3479
<b>1</b>	0.498	0	0	39	3.044	330	40

Table 74: Hormonio tireoidiano

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0	0	0	0	0	15694	3479
<b>1</b>	0	0	0	0	0	330	40

Table 75: Broncodilador

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0	0	0	0	0	15694	3479
<b>1</b>	0	0	0	0	0	330	40

Table 76: Anticonvulsivante

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	1.003	0	0	334	11.124	15694	3479
<b>1</b>	2.755	0	0	390	24.651	330	40

Table 77: Psicofármacos (Ansiolítico/ antidepresivo/ antipsicótico)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	3.936	0	0	573	14.574	15694	3479
<b>1</b>	8.950	0	1	118	19.292	330	40

Table 78: Antibióticos

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	14.959	0	4	1812	64.192	15694	3479
<b>1</b>	22.221	0	4	270	42.940	330	40

Table 79: Antifúngicos

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.448	0	0	122	4.394	15694	3479
<b>1</b>	0.652	0	0	50	4.595	330	40

Table 80: Antiviral

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.124	0	0	131	2.768	15694	3479
<b>1</b>	0.031	0	0	5	0.375	330	40

Table 81: Antiretroviral

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.009	0	0	32	0.449	15694	3479
<b>1</b>	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
<b>0</b>	4.763	1	4	17	2.562	15694	4941
<b>1</b>	6.685	1	7	15	2.873	330	73

Table 83: Ventilação não invasiva

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.048	0	0	114	1.565	15694	2734
<b>1</b>	0.050	0	0	8	0.581	330	32

Table 84: Instalação de CEC

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.013	0	0	2	0.115	15694	2734
<b>1</b>	0.010	0	0	1	0.100	330	32

Table 85: Cirurgia Cardiovascular

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.058	0	0	9	0.378	15694	2734
<b>1</b>	0.101	0	0	9	0.674	330	32

Table 86: Transplante cardíaco

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.002	0	0	1	0.040	15694	2734
<b>1</b>	0.003	0	0	1	0.058	330	32

Table 87: Cirurgia Toracica

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.004	0	0	9	0.106	15694	2734
<b>1</b>	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
<b>0</b>	0.116	0	0	22	0.582	15694	2734
<b>1</b>	0.168	0	0	5	0.635	330	32

Table 89: Traqueostomia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.002	0	0	8	0.091	15694	2734
<b>1</b>	0.000	0	0	0	0.000	330	32

Table 90: Intervenção coronária percutânea

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.011	0	0	4	0.134	15694	2734
<b>1</b>	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
<b>0</b>	0.007	0	0	3	0.115	15694	2734
<b>1</b>	0.010	0	0	2	0.129	330	32

Table 92: Stent

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0	0	0	1	0.009	15694	2734
<b>1</b>	0	0	0	0	0.000	330	32

Table 93: Angioplastia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.001	0	0	2	0.042	15694	2734
<b>1</b>	0.003	0	0	1	0.058	330	32

Table 94: Cateterismo

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.124	0	0	7	0.403	15694	2734
<b>1</b>	0.225	0	0	5	0.608	330	32

Table 95: Eletrofisiologia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.082	0	0	11	0.473	15694	2734
<b>1</b>	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
<b>0</b>	0.115	0	0	535	5.415	15694	2734
<b>1</b>	0.678	0	0	177	10.342	330	32

Table 97: Cateter venoso central

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.030	0	0	5	0.209	15694	2734
<b>1</b>	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
<b>0</b>	0.006	0	0	6	0.119	15694	2734
<b>1</b>	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
<b>0</b>	0.570	0	0	554	5.793	15694	2734
<b>1</b>	1.453	0	0	197	11.591	330	32

Table 100: Cardioversão/ Desfibrilação (sessão)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.007	0	0	5	0.128	15694	3563
<b>1</b>	0.003	0	0	1	0.059	330	41

Table 101: Transfusão de hemoderivados

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.051	0	0	61	0.985	15694	2734
<b>1</b>	0.107	0	0	16	1.006	330	32

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

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.395	0	0	199	3.404	15694	2734
<b>1</b>	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
<b>0</b>	3.428	0	0	420	15.396	15694	2734
<b>1</b>	7.309	0	1	201	18.354	330	32

Table 104: ECG

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	4.092	0	2	141	6.523	15694	2734
<b>1</b>	6.473	0	4	51	7.228	330	32

Table 105: Holter

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.105	0	0	5	0.355	15694	2734
<b>1</b>	0.205	0	0	3	0.480	330	32



Table 106: Teste de esforço

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.01	0	0	3	0.108	15694	2734
<b>1</b>	0.00	0	0	0	0.000	330	32

Table 107: Espirometria / Ergoespirometria

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.004	0	0	2	0.069	15694	2734
<b>1</b>	0.003	0	0	1	0.058	330	32

Table 108: Tilt Test

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.002	0	0	2	0.050	15694	2734
<b>1</b>	0.007	0	0	1	0.082	330	32

Table 109: Polissonografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.002	0	0	2	0.045	15694	2734
<b>1</b>	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
<b>0</b>	4.215	0	2	143	6.651	15694	2734
<b>1</b>	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
<b>0</b>	67.043	0	10.0	3608	201.433	15694	2734
<b>1</b>	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
<b>0</b>	0.358	0	0	48	1.561	15694	2734
<b>1</b>	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
<b>0</b>	67.401	0	10.0	3645	202.670	15694	2734
<b>1</b>	154.346	0	55.5	2268	264.499	330	32

Table 114: Citologias

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.009	0	0	8	0.148	15694	2734
<b>1</b>	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
<b>0</b>	0.015	0	0	10	0.257	15694	2734
<b>1</b>	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
<b>0</b>	0.024	0	0	10	0.305	15694	2734
<b>1</b>	0.060	0	0	4	0.362	330	32

Table 117: Angio RM

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.004	0	0	4	0.086	15694	2734
<b>1</b>	0.000	0	0	0	0.000	330	32

Table 118: Angio TC

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.036	0	0	9	0.251	15694	2734
<b>1</b>	0.047	0	0	4	0.325	330	32

Table 119: Angiografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.002	0	0	3	0.050	15694	2734
<b>1</b>	0.007	0	0	1	0.082	330	32

Table 120: Aortografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.002	0	0	2	0.047	15694	2734
<b>1</b>	0.013	0	0	2	0.141	330	32

Table 121: Arteriografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.001	0	0	2	0.028	15694	2734
<b>1</b>	0.003	0	0	1	0.058	330	32

Table 122: Cavografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.007	0	0	1	0.086	15694	2734
<b>1</b>	0.013	0	0	1	0.115	330	32

Table 123: Cintilografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.064	0	0	5	0.349	15694	2734
<b>1</b>	0.181	0	0	4	0.587	330	32

Table 124: Ecocardiograma

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.565	0	0	24	1.291	15694	2734
<b>1</b>	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
<b>0</b>	0.019	0	0	6	0.182	15694	2734
<b>1</b>	0.034	0	0	2	0.244	330	32

Table 126: Flebografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.036	0	0	5	0.289	15694	2734
<b>1</b>	0.060	0	0	4	0.380	330	32

Table 127: PET-CT

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.005	0	0	3	0.080	15694	2734
<b>1</b>	0.007	0	0	1	0.082	330	32

Table 128: Ultrassom

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.190	0	0	28	0.890	15694	2734
<b>1</b>	0.581	0	0	14	1.505	330	32

Table 129: Tomografia

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.170	0	0	15	0.709	15694	2734
<b>1</b>	0.396	0	0	7	0.938	330	32

Table 130: Radiografias

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	3.314	0	2	261	8.837	15694	2734
<b>1</b>	6.121	0	3	119	11.136	330	32

Table 131: Ressonancia magnetica

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.071	0	0	6	0.304	15694	2734
<b>1</b>	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
<b>0</b>	4.486	0	2	281	10.818	15694	2734
<b>1</b>	8.591	0	4	141	13.767	330	32

Table 133: Dieta enteral (frasco)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.059	0	0	195	2.546	15694	3565
<b>1</b>	0.453	0	0	111	6.631	330	41

Table 134: Dieta parenteral (frasco)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.003	0	0	14	0.146	15694	3565
<b>1</b>	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
<b>0</b>	1.088	0	0	1527	23.692	15694	3565
<b>1</b>	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
<b>0</b>	0.174	0	0	180	3.306	15694	3565
<b>1</b>	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
<b>0</b>	1.016	1	1	5	0.143	15694	0
<b>1</b>	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
<b>0</b>	0.008	0	0	3	0.095	15694	0
<b>1</b>	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
<b>0</b>	0.008	0	0	3	0.10	15694	0
<b>1</b>	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
<b>0</b>	0.012	0	0	4	0.130	15694	0
<b>1</b>	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	0.125	15694	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	3.119	1	3	10	1.772	15694	6508
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	50.193	0	10	8738	177.490	15694	3479
1	145.478	0	35	1695	280.851	330	40

Table 144: Quantidade de antimicrobianos (antibióticos e antifúngicos)

death_180days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	15.407	0	4	1812	65.940	15694	3479
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

death_180days	Sexo		Total
	0	1	
0	7435 (98%)	8259 (98%)	15694
1	129 (2%)	201 (2%)	330
Total	7564 (100%)	8460 (100%)	16024

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

death_180days	Doença cardíaca				Total
	0	1	2	NA	
0	9104 (98%)	1124 (96%)	3462 (98%)	2004 (98%)	15694
1	180 (2%)	48 (4%)	69 (2%)	33 (2%)	330
Total	9284 (100%)	1172 (100%)	3531 (100%)	2037 (100%)	16024

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

death_180days	Classe funcional de IC (NYHA)			Total
	1	2	NA	
0	5947 (98%)	1312 (95%)	8435 (98%)	15694
1	114 (2%)	76 (5%)	140 (2%)	330
Total	6061 (100%)	1388 (100%)	8575 (100%)	16024



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

death_180days	Hipertensão arterial		Total
	0	1	
0	11934 (98%)	3760 (97%)	15694
1	206 (2%)	124 (3%)	330
Total	12140 (100%)	3884 (100%)	16024

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

death_180days	Infarto do miocárdio prévio / Doença arterial coronariana		Total
	0	1	
0	14279 (98%)	1415 (96%)	15694
1	267 (2%)	63 (4%)	330
Total	14546 (100%)	1478 (100%)	16024

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

death_180days	Insuficiência cardíaca		Total
	0	1	
0	10066 (99%)	5628 (97%)	15694
1	140 (1%)	190 (3%)	330
Total	10206 (100%)	5818 (100%)	16024

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

death_180days	Fibrilação / flutter atrial		Total
	0	1	
0	13360 (98%)	2334 (97%)	15694
1	248 (2%)	82 (3%)	330
Total	13608 (100%)	2416 (100%)	16024

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

death_180days	Parada cardíaca prévia/ Taquicardia ventricular instável		Total
	0	1	
0	13825 (98%)	1869 (97%)	15694
1	279 (2%)	51 (3%)	330
Total	14104 (100%)	1920 (100%)	16024

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

death_180days	Transplante cardíaco prévio		Total
	0	1	
0	15681 (98%)	13 (100%)	15694
1	330 (2%)	0 (0%)	330
Total	16011 (100%)	13 (100%)	16024

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

death_180days	Valvopatias/ Prótese valvares		Total
	0	1	
0	14669 (98%)	1025 (95%)	15694
1	279 (2%)	51 (5%)	330
Total	14948 (100%)	1076 (100%)	16024

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

death_180days	Endocardite prévia		Total
	0	1	
0	15558 (98%)	136 (99%)	15694
1	328 (2%)	2 (1%)	330
Total	15886 (100%)	138 (100%)	16024

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

death_180days	Diabetes melittus		Total
	0	1	
0	13834 (98%)	1860 (96%)	15694
1	245 (2%)	85 (4%)	330
Total	14079 (100%)	1945 (100%)	16024

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

death_180days	Insuficiência renal crônica		Total
	0	1	
0	15088 (98%)	606 (93%)	15694
1	286 (2%)	44 (7%)	330
Total	15374 (100%)	650 (100%)	16024

Table 158: Contingency table between death 180days and Hemodiálise

death_180days	Hemodiálise		Total
	0	1	
0	15677 (98%)	17 (77%)	15694
1	325 (2%)	5 (23%)	330
Total	16002 (100%)	22 (100%)	16024

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

death_180days	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios		Total
	0	1	
0	15214 (98%)	480 (95%)	15694
1	304 (2%)	26 (5%)	330
Total	15518 (100%)	506 (100%)	16024

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

death_180days	Doença pulmonar obstrutiva crônica		Total
	0	1	
0	15485 (98%)	209 (95%)	15694
1	320 (2%)	10 (5%)	330
Total	15805 (100%)	219 (100%)	16024

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

death_180days	Neoplasia em tratamento ou tratada recentemente (12 meses)		Total
	0	1	
0	15586 (98%)	108 (94%)	15694
1	323 (2%)	7 (6%)	330
Total	15909 (100%)	115 (100%)	16024

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

death_180days	Tipo de Procedimento 1		Total
	1	2	
0	10861 (98%)	4833 (99%)	15694
1	268 (2%)	62 (1%)	330
Total	11129 (100%)	4895 (100%)	16024

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

death_180days	Tipo de Reoperação 1				Total
	1	2	3	NA	
0	3882 (99%)	917 (98%)	34 (100%)	10861 (98%)	15694
1	46 (1%)	16 (2%)	0 (0%)	268 (2%)	330
Total	3928 (100%)	933 (100%)	34 (100%)	11129 (100%)	16024

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

death_180days	Tipo de Procedimento 1 (merge: procedure type com reop type)				Total
	1	2	3	4	
0	10861 (98%)	3882 (99%)	917 (98%)	34 (100%)	15694
1	268 (2%)	46 (1%)	16 (2%)	0 (0%)	330
Total	11129 (100%)	3928 (100%)	933 (100%)	34 (100%)	16024

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

death_180days	Tipo de Dispositivo ao final do procedimento 1				Total
	1	2	3	4	
0	12271 (98%)	1748 (98%)	1238 (95%)	437 (95%)	15694
1	204 (2%)	43 (2%)	60 (5%)	23 (5%)	330
Total	12475 (100%)	1791 (100%)	1298 (100%)	460 (100%)	16024

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

death_180days	Tipo de Dispositivo ao final do procedimento 1		Total
	1	2	
0	14019 (98%)	1675 (95%)	15694
1	247 (2%)	83 (5%)	330
Total	14266 (100%)	1758 (100%)	16024

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

death_180days	Óbito intraoperatório 1		Total
	0	1	
0	15687 (98%)	7 (100%)	15694
1	330 (2%)	0 (0%)	330
Total	16017 (100%)	7 (100%)	16024

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

death_180days	Tipo de Reoperação 2				Total
	1	2	3	NA	
0	3258 (100%)	1474 (99%)	118 (98%)	10844 (97%)	15694
1	2 (0%)	19 (1%)	3 (2%)	306 (3%)	330
Total	3260 (100%)	1493 (100%)	121 (100%)	11150 (100%)	16024

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

death_180days	Tipo de Dispositivo ao final do procedimento 2					Total
	1	2	3	4	NA	
0	3625 (100%)	640 (99%)	386 (99%)	199 (98%)	10844 (97%)	15694
1	13 (0%)	5 (1%)	2 (1%)	4 (2%)	306 (3%)	330
Total	3638 (100%)	645 (100%)	388 (100%)	203 (100%)	11150 (100%)	16024

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

death_180days	Óbito intraoperatório 2		Total
	0	NA	
0	4857 (100%)	10837 (97%)	15694
1	24 (0%)	306 (3%)	330
Total	4881 (100%)	11143 (100%)	16024

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

death_180days	Tipo de Reoperação 3				Total
	1	2	3	NA	
0	724 (100%)	573 (99%)	62 (100%)	14335 (98%)	15694
1	0 (0%)	7 (1%)	0 (0%)	323 (2%)	330
Total	724 (100%)	580 (100%)	62 (100%)	14658 (100%)	16024

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

death_180days	Tipo de Dispositivo ao final do procedimento 3					Total
	1	2	3	4	NA	
0	962 (99%)	252 (100%)	160 (100%)	98 (99%)	14222 (98%)	15694
1	6 (1%)	0 (0%)	0 (0%)	1 (1%)	323 (2%)	330
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14545 (100%)	16024

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

death_180days	Óbito intraoperatório 3			Total
	0	1	NA	
0	1469 (100%)	4 (100%)	14221 (98%)	15694
1	7 (0%)	0 (0%)	323 (2%)	330
Total	1476 (100%)	4 (100%)	14544 (100%)	16024

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

death_180days	Tipo de Reoperação 4				Total
	1	2	3	NA	
0	192 (100%)	250 (100%)	33 (100%)	15219 (98%)	15694
1	0 (0%)	1 (0%)	0 (0%)	329 (2%)	330
Total	192 (100%)	251 (100%)	33 (100%)	15548 (100%)	16024

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

death_180days	Tipo de Dispositivo ao final do procedimento 4					Total
	1	2	3	4	NA	
0	287 (100%)	110 (100%)	45 (100%)	42 (100%)	15210 (98%)	15694
1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	329 (2%)	330
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15539 (100%)	16024

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

death_180days	Óbito intraoperatório 4		Total
	0	NA	
0	484 (100%)	15210 (98%)	15694
1	1 (0%)	329 (2%)	330
Total	485 (100%)	15539 (100%)	16024

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

death_180days	Tipo de Reoperação 5				Total
	1	2	3	NA	
0	71 (100%)	106 (100%)	14 (100%)	15503 (98%)	15694
1	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	71 (100%)	106 (100%)	14 (100%)	15833 (100%)	16024

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

death_180days	Tipo de Dispositivo ao final do procedimento 5					Total
	1	2	3	4	NA	
0	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15503 (98%)	15694
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15833 (100%)	16024

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

death_180days	Óbito intraoperatório 5		Total
	0	NA	
0	192 (100%)	15502 (98%)	15694
1	0 (0%)	330 (2%)	330
Total	192 (100%)	15832 (100%)	16024

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

death_180days	Tipo de Reoperação 6				Total
	1	2	3	NA	
0	26 (100%)	46 (100%)	6 (100%)	15616 (98%)	15694
1	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	26 (100%)	46 (100%)	6 (100%)	15946 (100%)	16024

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

death_180days	Tipo de Dispositivo ao final do procedimento 6					Total
	1	2	3	4	NA	
0	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15613 (98%)	15694
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15943 (100%)	16024

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

death_180days	Óbito intraoperatório 6		Total
	0	NA	
0	81 (100%)	15613 (98%)	15694
1	0 (0%)	330 (2%)	330
Total	81 (100%)	15943 (100%)	16024

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

death_180days	Tipo de Reoperação 7				Total
	1	2	3	NA	
0	10 (100%)	18 (100%)	4 (100%)	15662 (98%)	15694
1	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	10 (100%)	18 (100%)	4 (100%)	15992 (100%)	16024

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

death_180days	Tipo de Dispositivo ao final do procedimento 7					Total
	1	2	3	4	NA	
0	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15663 (98%)	15694
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15993 (100%)	16024

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

death_180days	Óbito intraoperatório 7		Total
	0	NA	
0	32 (100%)	15662 (98%)	15694
1	0 (0%)	330 (2%)	330
Total	32 (100%)	15992 (100%)	16024

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

death_180days	Tipo de Reoperação 8			Total
	1	2	NA	
0	3 (100%)	9 (100%)	15682 (98%)	15694
1	0 (0%)	0 (0%)	330 (2%)	330
Total	3 (100%)	9 (100%)	16012 (100%)	16024

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

death_180days	Tipo de Dispositivo ao final do procedimento 8				Total
	1	2	4	NA	
0	7 (100%)	4 (100%)	1 (100%)	15682 (98%)	15694
1	0 (0%)	0 (0%)	0 (0%)	330 (2%)	330
Total	7 (100%)	4 (100%)	1 (100%)	16012 (100%)	16024



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

death_180days	Óbito intraoperatório 8		Total
	0	NA	
0	12 (100%)	15682 (98%)	15694
1	0 (0%)	330 (2%)	330
Total	12 (100%)	16012 (100%)	16024

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

death_180days	Tipo de Reoperação 9		Total
	2	NA	
0	5 (100%)	15689 (98%)	15694
1	0 (0%)	330 (2%)	330
Total	5 (100%)	16019 (100%)	16024

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

death_180days	Tipo de Dispositivo ao final do procedimento 9			Total
	1	2	NA	
0	3 (100%)	2 (100%)	15689 (98%)	15694
1	0 (0%)	0 (0%)	330 (2%)	330
Total	3 (100%)	2 (100%)	16019 (100%)	16024

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

death_180days	Óbito intraoperatório 9		Total
	0	NA	
0	5 (100%)	15689 (98%)	15694
1	0 (0%)	330 (2%)	330
Total	5 (100%)	16019 (100%)	16024

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

death_180days	Tipo de Reoperação 10		Total
	2	NA	
0	1 (100%)	15693 (98%)	15694
1	0 (0%)	330 (2%)	330
Total	1 (100%)	16023 (100%)	16024

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

death_180days	Tipo de Dispositivo ao final do procedimento 10		Total
	2	NA	
0	1 (100%)	15693 (98%)	15694
1	0 (0%)	330 (2%)	330
Total	1 (100%)	16023 (100%)	16024

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

death_180days	Óbito intraoperatório 10		Total
	0	NA	
0	1 (100%)	15693 (98%)	15694
1	0 (0%)	330 (2%)	330
Total	1 (100%)	16023 (100%)	16024

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

death_180days	Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2			Total
	0	1	NA	
0	4571 (99%)	279 (100%)	10844 (97%)	15694
1	23 (1%)	1 (0%)	306 (3%)	330
Total	4594 (100%)	280 (100%)	11150 (100%)	16024

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

death_180days	Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3			Total
	0	1	NA	
0	1379 (100%)	93 (99%)	14222 (98%)	15694
1	6 (0%)	1 (1%)	323 (2%)	330
Total	1385 (100%)	94 (100%)	14545 (100%)	16024

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

death_180days	Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4			Total
	0	1	NA	
0	456 (100%)	28 (100%)	15210 (98%)	15694
1	1 (0%)	0 (0%)	329 (2%)	330
Total	457 (100%)	28 (100%)	15539 (100%)	16024

Table 198: Contingency table between death 180days and Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5

death_180days	Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5			Total
	0	1	NA	
0	182 (100%)	9 (100%)	15503 (98%)	15694
1	0 (0%)	0 (0%)	330 (2%)	330
Total	182 (100%)	9 (100%)	15833 (100%)	16024

Table 199: Contingency table between death 180days and Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6

death_180days	Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6			Total
	0	1	NA	
0	74 (100%)	7 (100%)	15613 (98%)	15694
1	0 (0%)	0 (0%)	330 (2%)	330
Total	74 (100%)	7 (100%)	15943 (100%)	16024

Table 200: Contingency table between death 180days and Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7

death_180days	Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7			Total
	0	1	NA	
0	28 (100%)	3 (100%)	15663 (98%)	15694
1	0 (0%)	0 (0%)	330 (2%)	330
Total	28 (100%)	3 (100%)	15993 (100%)	16024

Table 201: Contingency table between death 180days and Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8

death_180days	Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8			Total
	0	1	NA	
0	11 (100%)	1 (100%)	15682 (98%)	15694
1	0 (0%)	0 (0%)	330 (2%)	330
Total	11 (100%)	1 (100%)	16012 (100%)	16024

Table 202: Contingency table between death 180days and Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9

death_180days	Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9		Total
	0	NA	
0	5 (100%)	15689 (98%)	15694
1	0 (0%)	330 (2%)	330
Total	5 (100%)	16019 (100%)	16024

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

death_180days	Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10		Total
	0	NA	
0	1 (100%)	15693 (98%)	15694
1	0 (0%)	330 (2%)	330
Total	1 (100%)	16023 (100%)	16024

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

death_180days	Diálise durante os episódios de hospitalização		Total
	0	1	
0	15639 (98%)	55 (90%)	15694
1	324 (2%)	6 (10%)	330
Total	15963 (100%)	61 (100%)	16024

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

death_180days	UTI durante os episódios de hospitalização		Total
	0	1	
0	12406 (98%)	3288 (97%)	15694
1	214 (2%)	116 (3%)	330
Total	12620 (100%)	3404 (100%)	16024

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

death_180days	Admissão em até 180 dias antes da T0		Total
	0	1	
0	14635 (98%)	1059 (95%)	15694
1	274 (2%)	56 (5%)	330
Total	14909 (100%)	1115 (100%)	16024

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

death_180days	Readmissões pós-T0 com diálise				Total
	0	1	2	3	
0	15674 (98%)	17 (89%)	2 (100%)	1 (100%)	15694
1	328 (2%)	2 (11%)	0 (0%)	0 (0%)	330
Total	16002 (100%)	19 (100%)	2 (100%)	1 (100%)	16024

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

death_180days	Desfecho principal da admissão T0		Total
	0	1	
0	15436 (98%)	258 (100%)	15694
1	330 (2%)	0 (0%)	330
Total	15766 (100%)	258 (100%)	16024

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

death_180days	Readmissão cirúrgica em até 30 dias		Total
	0	1	
0	15567 (98%)	127 (93%)	15694
1	320 (2%)	10 (7%)	330
Total	15887 (100%)	137 (100%)	16024

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

death_180days	Readmissão cirúrgica entre 31 a 60 dias		Total
	0	1	
0	15609 (98%)	85 (91%)	15694
1	322 (2%)	8 (9%)	330
Total	15931 (100%)	93 (100%)	16024

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

death_180days	Readmissão cirúrgica entre 61 a 180 dias		Total
	0	1	
0	15548 (98%)	146 (98%)	15694
1	327 (2%)	3 (2%)	330
Total	15875 (100%)	149 (100%)	16024

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

death_180days	Readmissão cirúrgica em até 1 ano		Total
	0	1	
0	15562 (98%)	132 (100%)	15694
1	330 (2%)	0 (0%)	330
Total	15892 (100%)	132 (100%)	16024

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

death_180days	Desfecho final do estudo			Total
	1	2	3	
0	2469 (88%)	7728 (100%)	5497 (100%)	15694
1	330 (12%)	0 (0%)	0 (0%)	330
Total	2799 (100%)	7728 (100%)	5497 (100%)	16024

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

death_180days	Ventilação mecânica / IOT		Total
	1	NA	
0	2893 (97%)	12801 (98%)	15694
1	91 (3%)	239 (2%)	330
Total	2984 (100%)	13040 (100%)	16024