Tables

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Imports

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

Loading data

```
# df <- readRDS('../dataset/processed_data.rds')
# df_names <- readRDS('../dataset/processed_dictionary.rds')

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

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

outcome_column <- params$outcome_column

df %>%
  select(date_procedure_1, date_procedure_2) %>%
  filter(date_procedure_2 < date_procedure_1)
```

```
## # A tibble: 0 x 2
## # ... with 2 variables: date_procedure_1 <dttm>, date_procedure_2 <dttm>
```

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_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.486	0	68.9	110.6	17.772	15254	0
1	67.097	0	70.5	95.7	19.009	187	0
NA	66.186	0	72.2	101.3	22.206	592	0

Table 2: Número de comorbidades

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.224	0	1	8	1.331	15254	0
1	1.957	0	2	7	1.555	187	0
NA	2.056	0	2	7	1.708	592	0

Table 3: Ano do procedimento 1

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.548	1999	2010	2021	5.796	15254	0
1	2011.176	2002	2012	2021	4.556	187	0
NA	2011.637	2000	2011	2021	5.568	592	0

Table 4: Idade no Procedimento 1

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.486	0	68.9	110.6	17.772	15254	0
1	67.097	0	70.5	95.7	19.009	187	0
NA	66.186	0	72.2	101.3	22.206	592	0

Table 5: Ano do procedimento 2

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2013.114	1999	2013	2022	4.669	15254	10433
1	2010.727	2003	2010	2020	5.479	187	176
NA	2010.104	2002	2008	2021	5.835	592	544

Table 6: Idade no Procedimento 2

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.148	0.0	69.20	108.7	19.274	15254	10432
1	62.664	36.9	63.60	82.9	13.379	187	176
NA	63.306	3.9	64.05	93.5	20.155	592	544

Table 7: Ano do procedimento 3

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.347	1999	2015.0	2022	4.774	15254	13792
1	2010.250	2003	2010.5	2017	6.397	187	183
NA	2012.143	2004	2013.0	2020	5.231	592	578

Table 8: Idade no Procedimento 3

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	61.986	0.4	65.95	101.1	20.786	15254	13792
1	62.000	47.8	58.35	83.5	16.438	187	183
NA	67.121	25.1	69.95	93.5	19.443	592	578

Table 9: Ano do procedimento 4

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.452	2002	2015	2022	4.812	15254	14770
1	NaN	NA	NA	NA	NA	187	187
NA	2016.000	2016	2016	2016	NA	592	591

Table 10: Idade no Procedimento 4

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	59.579	1.9	63.7	97.7	21.925	15254	14770
1	NaN	NA	NA	NA	NA	187	187
NA	80.400	80.4	80.4	80.4	NA	592	591

Table 11: Ano do procedimento 5

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.229	2003	2014	2022	4.189	15254	15062
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 12: Idade no Procedimento 5

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	57.837	3.2	62.75	99.7	22.038	15254	15062
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 13: Ano do procedimento 6

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.732	2003	2015	2021	4.519	15254	15172
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 14: Idade no Procedimento 6

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.777	6.6	58.75	101.6	22.27	15254	15172
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 15: Ano do procedimento 7

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2015.656	2007	2016.5	2022	4.285	15254	15222
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 16: Idade no Procedimento 7

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	51.231	8.8	57.1	81.8	20.858	15254	15222
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 17: Ano do procedimento 8

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	15254	15242
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 18: Idade no Procedimento 8

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	15254	15242
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 19: Ano do procedimento 9

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	0	15254	15249
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 20: Idade no Procedimento 9

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	0	15254	15249
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 21: Ano do procedimento 10

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	15254	15253
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 22: Idade no Procedimento 10

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	15254	15253
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

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

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	73.837	0.0	84.1	197.1	39.840	15254	10432
1	3.873	0.1	4.8	8.0	3.339	187	176
NA	6.425	0.1	0.9	101.4	20.627	592	544

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

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	56.090	0.0	61.20	170.5	39.648	15254	13792
1	3.000	0.4	2.70	6.2	2.393	187	183
NA	14.029	0.2	1.05	74.5	24.474	592	578

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

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.644	0.0	32.0	142.7	39.854	15254	14771
1	NaN	NA	NA	NA	NA	187	187
NA	7.900	7.9	7.9	7.9	NA	592	591

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

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	32.386	0	7.1	144.3	38.427	15254	15062
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

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

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	27.587	0	6	110.3	34.679	15254	15172
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

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

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	31.491	0	3.95	142.3	42.63	15254	15222
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

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

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.667	0	1	1	0.492	15254	15242
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

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

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	0	15254	15249
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

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

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	15254	15253
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 32: Número de Mudanças do tipo de DCEI

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.086	0	0	3	0.296	15254	10435
1	0.091	0	0	1	0.302	187	176
NA	0.106	0	0	1	0.312	592	545

Table 33: Número de atendimentos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.360	1	2	51	2.215	15254	0
1	3.348	1	3	20	2.742	187	0
NA	2.488	1	2	19	2.202	592	0

Table 34: Número da Admissão T0 (admissão índice)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.414	1	1	32	1.066	15254	0
1	2.037	1	1	16	2.036	187	0
NA	2.017	1	1	17	1.952	592	0

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

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.863	0	0	50	1.714	15254	0
1	1.299	0	1	8	1.256	187	0
NA	0.466	0	0	4	0.712	592	0

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

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.522	-1	0	38	1.195	15254	0
1	1.070	0	0	15	2.029	187	0
NA	1.069	0	0	16	1.942	592	0

Table 37: Ano da admissão T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.542	1999	2010	2021	5.797	15254	18
1	2011.151	2002	2012	2021	4.558	187	1
NA	2011.618	2000	2011	2021	5.566	592	1

Table 38: Readmissão em até 30 dias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.031	0	0	1	0.174	15254	0
1	0.107	0	0	1	0.310	187	0
NA	0.189	0	0	1	0.392	592	0

Table 39: Readmissão entre 31 a 60 dias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.047	0	0	1	0.212	15254	0
1	0.171	0	0	1	0.378	187	0
NA	0.269	0	0	1	0.444	592	0

Table 40: Readmissão entre 61 a 180 dias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.079	0	0	1	0.270	15254	0
1	0.417	0	0	1	0.494	187	0
NA	0.360	0	0	1	0.480	592	0

Table 41: Readmissão em até 1 ano

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.110	0	0	1	0.313	15254	0
1	0.711	0	1	1	0.454	187	0
NA	0.360	0	0	1	0.480	592	0

Table 42: Tempo de seguimento total (anos)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.063	0.0	4.7	22.6	5.228	15254	0
1	0.753	0.5	0.8	1.0	0.147	187	0
NA	0.221	0.0	0.1	13.3	0.798	592	0

Table 43: Óbito hospitalar (intraoperatório ou admissao T0)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.443	0	0	1	0.497	592	0

Table 44: Óbito durante algum episódio de readmissão hospitalar

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.064	0	0	1	0.246	15254	0
1	0.636	0	1	1	0.482	187	0
NA	0.343	0	0	1	0.475	592	0

Table 45: Óbito em até 30 dias após a alta T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.215	0	0	1	0.412	592	262

Table 46: Óbito em até 180 dias após a alta T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15254	0
1	0	0	0	0	0	187	0
NA	1	1	1	1	0	592	333

Table 47: Óbito em até 1 ano após a alta T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15254	0
1	1	1	1	1	0	187	0
NA	NaN	NA	NA	NA	NA	592	592

Table 48: Óbito em até 2 anos após a alta T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.016	0	0	1	0.124	15254	0
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 49: Óbito em até 3 anos após a alta T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	1	0.102	15254	237
1	NaN	NA	NA	NA	NA	187	187
NA	NaN	NA	NA	NA	NA	592	592

Table 50: Óbito (status final)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.132	0	0	1	0.339	15254	0
1	1.000	1	1	1	0.000	187	0
NA	0.576	0	1	1	0.495	592	0

Table 51: Tempo de sobrevida (anos)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.591	0.0	4.6	20.1	3.986	15254	14010
1	0.753	0.5	0.8	1.0	0.147	187	0
NA	0.221	0.0	0.1	13.3	0.798	592	0

Table 52: Diárias no serviço de Emergência na admissão T0

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.194	0	0	28	1.075	15254	0
1	0.155	0	0	8	0.785	187	0
NA	0.426	0	0	16	1.550	592	0

Table 53: Anticoagulantes orais

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.220	0	0	98	2.130	15254	0
1	0.652	0	0	29	3.009	187	0
NA	0.591	0	0	31	2.771	592	0

Table 54: Antiarritmicos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.632	0	0	445	14.470	15254	0
1	7.591	0	0	160	24.470	187	0
NA	20.736	0	0	844	62.007	592	0

Table 55: Antihipertensivo

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.333	0	0	160	3.667	15254	0
1	0.321	0	0	16	1.818	187	0
NA	2.072	0	0	349	17.705	592	0

Table 56: Betabloqueador

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.852	0	0	388	7.250	15254	0
1	0.984	0	0	56	5.819	187	0
NA	1.578	0	0	81	7.395	592	0

Table 57: IECA/BRA

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.741	0	0	530	17.882	15254	0
1	11.329	0	2	306	28.657	187	0
NA	16.512	0	0	773	51.426	592	0

Table 58: DVA

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.832	0	0	1044	26.547	15254	0
1	9.369	0	0	183	26.830	187	0
NA	63.662	0	1	1917	164.961	592	0

Table 59: Digoxina

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.176	0	0	65.0	1.489	15254	0
1	0.762	0	0	24.0	3.035	187	0
NA	0.403	0	0	46.5	2.706	592	0

Table 60: Estatinas

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.798	0	0	421	13.899	15254	0
1	5.508	0	0	78	13.246	187	0
NA	13.231	0	0	364	36.114	592	0

Table 61: Diuretico

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.200	0	0	1290	38.308	15254	0
1	14.214	0	2	312	39.830	187	0
NA	89.802	0	5	2966	246.848	592	0

Table 62: Vasodilator

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.303	0	0	2408.0	41.881	15254	0
1	23.570	0	0	754.5	83.553	187	0
NA	51.966	0	0	3820.5	200.492	592	0

Table 63: Insuficiência cardíaca (ivabradina, levosimedan, milrinona, nesiritida, carvedilol)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.317	0	0	453	14.509	15254	0
1	8.425	0	0	89	16.845	187	0
NA	11.953	0	0	249	31.806	592	0

Table 64: Antagonista da Aldosterona (espironolactona)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.510	0	0	204	6.740	15254	0
1	3.882	0	0	122	11.189	187	0
NA	6.298	0	0	255	17.744	592	0

Table 65: Bloqueador do canal de calcio

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.557	0	0	509	9.658	15254	0
1	0.947	0	0	99	8.897	187	0
NA	0.948	0	0	153	9.629	592	0

Table 66: Trombolitico

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.035	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.008	0	0	2	0.123	592	0

Table 67: Antiplaquetario VO

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.236	0	0	111	2.836	15254	0
1	0.444	0	0	24	2.664	187	0
NA	0.917	0	0	141	7.739	592	0

Table 68: Antiplaquetario EV

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	8	0.153	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.037	0	0	4	0.270	592	0

Table 69: Insulina

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.070	0	0	16	0.407	15254	0
1	0.102	0	0	7	0.573	187	0
NA	0.345	0	0	10	0.980	592	0

Table 70: Hipoglicemiante

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.285	0	0	90	2.578	15254	0
1	0.118	0	0	8	0.724	187	0
NA	0.249	0	0	39	2.146	592	0

Table 71: Hormonio tireoidiano

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.159	0	0	126.0	2.469	15254	0
1	0.251	0	0	45.0	3.293	187	0
NA	0.927	0	0	281.5	12.247	592	0

Table 72: Broncodiltador

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.097	0	0	80	1.526	15254	0
1	0.048	0	0	6	0.467	187	0
NA	0.343	0	0	42	2.527	592	0

Table 73: Anticonvulsivante

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.684	0	0	482	9.717	15254	0
1	0.898	0	0	86	7.859	187	0
NA	5.155	0	0	390	28.313	592	0

Table 74: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.781	0	0	387	10.990	15254	0
1	4.733	0	0	128	12.906	187	0
NA	13.888	0	1	573	38.696	592	0

Table 75: Antibióticos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	10.181	0	4	1812	53.062	15254	0
1	22.497	0	4	358	61.434	187	0
NA	53.449	0	6	898	109.415	592	0

Table 76: Antifúngicos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.212	0	0	122	2.834	15254	0
1	0.241	0	0	26	2.079	187	0
NA	4.152	0	0	102	13.781	592	0

Table 77: Antiviral

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.097	0	0	131	2.502	15254	0
1	0.139	0	0	14	1.345	187	0
NA	0.451	0	0	86	5.443	592	0

Table 78: Antiretroviral

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	32	0.402	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.002	0	0	1	0.041	592	0

Table 79: Quantidade de classes medicamentosas utilizadas

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.266	0	3	17	3.073	15254	0
1	5.011	0	5	13	3.516	187	0
NA	5.841	0	6	16	4.070	592	0

Table 80: Ventilação não invasiva

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.015	0	0	42	0.571	15254	0
1	0.011	0	0	2	0.146	187	0
NA	0.676	0	0	114	6.710	592	0

Table 81: Instalação de CEC

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.010	0	0	2	0.102	15254	0
1	0.011	0	0	1	0.103	187	0
NA	0.034	0	0	2	0.190	592	0

Table 82: Cirurgia Cardiovascular

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.045	0	0	9	0.331	15254	0
1	0.059	0	0	3	0.362	187	0
NA	0.144	0	0	9	0.718	592	0

Table 83: Transplante cardíaco

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.043	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.003	0	0	1	0.058	592	0

Table 84: Cirurgia Toracica

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	4	0.057	15254	0
1	0.016	0	0	2	0.163	187	0
NA	0.030	0	0	9	0.398	592	0

Table 85: Outros procedimentos cirúrgicos (cir geral, gastrocir, plástica, uro, vascular)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.087	0	0	11	0.480	15254	0
1	0.182	0	0	6	0.822	187	0
NA	0.363	0	0	22	1.271	592	0

Table 86: Traqueostomia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	5	0.051	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.017	0	0	8	0.339	592	0

Table 87: Intervenção coronária percutânea

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	4	0.114	15254	0
1	0.005	0	0	1	0.073	187	0
NA	0.042	0	0	4	0.308	592	0

Table 88: Intervenção cardiovascular em laboratório de hemodinâmica (alcoolização septal, valvoplastia percutânea, stent em vasos pulmonares)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	3	0.106	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.007	0	0	2	0.101	592	0

Table 89: Stent

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.002	0	0	1	0.041	592	0

Table 90: Angioplastia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.035	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.005	0	0	2	0.092	592	0

Table 91: Cateterismo

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.100	0	0	7	0.366	15254	0
1	0.123	0	0	2	0.345	187	0
NA	0.238	0	0	5	0.592	592	0

Table 92: Eletrofisiologia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.068	0	0	11	0.430	15254	0
1	0.059	0	0	3	0.390	187	0
NA	0.108	0	0	7	0.614	592	0

Table 93: Suporte cardiocirculatório (ECMO, BIA, Bio-PUMP)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.087	0	0	535	4.888	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.856	0	0	177	9.431	592	0

Table 94: Cateter venoso central

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.031	0	0	13	0.251	15254	0
1	0.064	0	0	4	0.368	187	0
NA	0.132	0	0	5	0.476	592	0

Table 95: Drenagem de tórax (instalação /troca) e punção pericárdica ou pleural

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	5	0.087	15254	0
1	0.011	0	0	2	0.146	187	0
NA	0.035	0	0	5	0.345	592	0

Table 96: Quantidade de procedimentos invasivos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.452	0	0	554	5.239	15254	0
1	0.529	0	0	12	1.567	187	0
NA	2.017	0	0	197	10.445	592	0

Table 97: Cardioversão/ Desfibrilação (sessão)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	5	0.109	15254	0
1	0.005	0	0	1	0.073	187	0
NA	0.015	0	0	3	0.197	592	0

Table 98: Transfusão de hemoderivados

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.024	0	0	34	0.470	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.578	0	0	61	3.979	592	0

Table 99: Interconsulta médica (Especialidades cirúrgicas, infecto, uro, nefro, psiquiatra, dermato, alergista, oncologista, geriatra, etc)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.284	0	0	199	2.609	15254	0
1	0.176	0	0	8	0.907	187	0
NA	2.206	0	0	115	10.046	592	0

Table 100: Equipe Multiprofissional (enf, fono, fisio, nutri, serviço social, psicologia)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.387	0	0	365	11.441	15254	0
1	4.914	0	1	318	24.052	187	0
NA	16.476	0	3	420	41.167	592	0

Table 101: ECG

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.152	0	2	97	5.300	15254	0
1	5.824	0	3	140	11.179	187	0
NA	10.475	0	6	141	14.811	592	0

Table 102: Holter

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.084	0	0	5	0.319	15254	0
1	0.144	0	0	2	0.367	187	0
NA	0.199	0	0	3	0.501	592	0

Table 103: Teste de esforço

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	3	0.099	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.000	0	0	0	0.000	592	0

Table 104: Espirometria / Ergoespirometria

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	2	0.063	15254	0
1	0.011	0	0	1	0.103	187	0
NA	0.002	0	0	1	0.041	592	0

Table 105: Tilt Test

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.045	15254	0
1	0.005	0	0	1	0.073	187	0
NA	0.003	0	0	1	0.058	592	0

Table 106: Polissonografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.040	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.005	0	0	1	0.071	592	0

Table 107: Quantidade de exames por métodos gráficos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.252	0	2	97	5.435	15254	0
1	5.984	0	3	140	11.239	187	0
NA	10.684	0	6	143	14.899	592	0

Table 108: Exames laboratoriais (exames bioquímicos, exames hematologia/coagulação, anticorpos, dosagem sérica de fármacos)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	47.000	0	7	3474	150.634	15254	0
1	108.695	0	32	2342	231.757	187	0
NA	322.285	0	106	3608	540.044	592	0

Table 109: Culturas (hemocultura, cultura de secreções, urocultura e cultura de cateteres)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.230	0	0	25	1.014	15254	0
1	0.508	0	0	12	1.373	187	0
NA	2.336	0	0	48	5.081	592	0

Table 110: Quantidade de exames de análises clínicas

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	47.230	0	7.0	3487	151.421	15254	0
1	109.203	0	32.0	2354	232.907	187	0
NA	324.622	0	106.5	3645	544.121	592	0

Table 111: Citologias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	5	0.078	15254	0
1	0.037	0	0	4	0.317	187	0
NA	0.106	0	0	8	0.564	592	0

Table 112: Biopsias (cardíaca, esterno, parede torácica, tumor em mediastino, pulmonar)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.014	0	0	10	0.252	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.022	0	0	4	0.228	592	0

Table 113: Quantidade de exames histopatológicos

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.018	0	0	10	0.272	15254	0
1	0.037	0	0	4	0.317	187	0
NA	0.128	0	0	8	0.610	592	0

Table 114: Angio RM

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	4	0.077	15254	0
1	0.011	0	0	2	0.146	187	0
NA	0.002	0	0	1	0.041	592	0

Table 115: Angio TC

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.027	0	0	6	0.207	15254	0
1	0.070	0	0	3	0.345	187	0
NA	0.093	0	0	9	0.542	592	0

Table 116: Angiografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.045	15254	0
1	0.005	0	0	1	0.073	187	0
NA	0.003	0	0	1	0.058	592	0

Table 117: Aortografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.043	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.010	0	0	2	0.116	592	0

Table 118: Arteriografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	2	0.024	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.003	0	0	1	0.058	592	0

Table 119: Cavografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	1	0.076	15254	0
1	0.005	0	0	1	0.073	187	0
NA	0.019	0	0	1	0.135	592	0

Table 120: Cintilografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.051	0	0	5	0.314	15254	0
1	0.139	0	0	2	0.488	187	0
NA	0.140	0	0	4	0.499	592	0

Table 121: Ecocardiograma

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.436	0	0	24	1.124	15254	0
1	0.727	0	0	14	1.472	187	0
NA	1.615	0	1	24	2.611	592	0

Table 122: Exames endoscópicos (EDA, colonoscopia, retossigmoidoscopia, broncoscopia)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.013	0	0	6	0.156	15254	0
1	0.027	0	0	1	0.162	187	0
NA	0.108	0	0	3	0.405	592	0

Table 123: Flebografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.029	0	0	5	0.259	15254	0
1	0.043	0	0	2	0.271	187	0
NA	0.061	0	0	4	0.381	592	0

Table 124: PET-CT

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	3	0.068	15254	0
1	0.016	0	0	1	0.126	187	0
NA	0.019	0	0	2	0.147	592	0

Table 125: Ultrassom

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.133	0	0	14	0.688	15254	0
1	0.401	0	0	9	1.124	187	0
NA	0.978	0	0	28	2.441	592	0

Table 126: Tomografia

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.126	0	0	15	0.602	15254	0
1	0.235	0	0	3	0.566	187	0
NA	0.679	0	0	15	1.506	592	0

Table 127: Radiografias

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.379	0	1	192	6.303	15254	0
1	4.636	0	2	184	14.048	187	0
NA	13.674	0	4	261	25.135	592	0

Table 128: Ressonancia magnetica

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.058	0	0	6	0.278	15254	0
1	0.112	0	0	2	0.364	187	0
NA	0.100	0	0	3	0.342	592	0

Table 129: Quantidade de exames diagnóstico por imagem

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.269	0	1	232	8.008	15254	0
1	6.428	0	3	200	15.722	187	0
NA	17.503	0	7	281	29.454	592	0

Table 130: Dieta enteral (frasco)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.020	0	0	115	1.227	15254	0
1	0.011	0	0	2	0.146	187	0
NA	0.910	0	0	195	10.719	592	0

Table 131: Dieta parenteral (frasco)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	5	0.054	15254	0
1	0.000	0	0	0	0.000	187	0
NA	0.030	0	0	14	0.598	592	0

Table 132: Bomba de infusão contínua (horas)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.604	0	0	1527	18.585	15254	0
1	5.925	0	0	672	52.288	187	0
NA	7.041	0	0	743	53.484	592	0

Table 133: Marca-passo temporário (por hora)

death_1year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.122	0	0	180	2.671	15254	0
1	0.096	0	0	18	1.316	187	0
NA	0.520	0	0	126	6.654	592	0

Categorical variables

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

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

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

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

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

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

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

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

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

```r
transpose_columns <- c()

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

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

  abbreviated_name <- df_names %>%
    filter(variable.name == column) %>%
```

```r
  .$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 134: Contingency table between death 1year and Sexo

| | Sexo | | Total |
death_1year	0	1	
X0	7251 (96%)	8003 (95%)	15254
X1	70 (1%)	117 (1%)	187
NA.	245 (3%)	347 (4%)	592
Total	7566 (100%)	8467 (100%)	16033

Table 135: Contingency table between death 1year and Doença cardíaca

| | Doença cardíaca | | | | Total |
death_1year	0	1	2	NA	
X0	8875 (96%)	1073 (91%)	3349 (95%)	1957 (96%)	15254
X1	101 (1%)	23 (2%)	48 (1%)	15 (1%)	187
NA.	310 (3%)	77 (7%)	138 (4%)	67 (3%)	592
Total	9286 (100%)	1173 (100%)	3535 (100%)	2039 (100%)	16033

Table 136: Contingency table between death 1year and Hipertensão arterial

| | Hipertensão arterial | | Total |
death_1year	0	1	
X0	11598 (96%)	3656 (94%)	15254
X1	129 (1%)	58 (1%)	187
NA.	417 (3%)	175 (4%)	592
Total	12144 (100%)	3889 (100%)	16033

Table 137: Contingency table between death 1year and Infarto do miocárdio prévio / Doença arterial coronariana

| | Infarto do miocárdio prévio / Doença arterial coronariana | | Total |
death_1year	0	1	
X0	13897 (95%)	1357 (92%)	15254
X1	162 (1%)	25 (2%)	187
NA.	493 (3%)	99 (7%)	592
Total	14552 (100%)	1481 (100%)	16033

Table 138: Contingency table between death 1year and Insuficiência cardíaca

| | Insuficiência cardíaca | | Total |
death_1year	0	1	
X0	9909 (97%)	5345 (92%)	15254
X1	75 (1%)	112 (2%)	187
NA.	223 (2%)	369 (6%)	592
Total	10207 (100%)	5826 (100%)	16033

Table 139: Contingency table between death 1year and Fibrilação / flutter atrial

death_1year	Fibrilação / flutter atrial		Total
	0	1	
X0	12992 (95%)	2262 (94%)	15254
X1	147 (1%)	40 (2%)	187
NA.	476 (3%)	116 (5%)	592
Total	13615 (100%)	2418 (100%)	16033

Table 140: Contingency table between death 1year and Parada cardíaca prévia/ Taquicardia ventricular instável

death_1year	Parada cardíaca prévia/ Taquicardia ventricular instável		Total
	0	1	
X0	13441 (95%)	1813 (94%)	15254
X1	157 (1%)	30 (2%)	187
NA.	512 (4%)	80 (4%)	592
Total	14110 (100%)	1923 (100%)	16033

Table 141: Contingency table between death 1year and Transplante cardíaco prévio

death_1year	Transplante cardíaco prévio		Total
	0	1	
X0	15213 (95%)	41 (95%)	15254
X1	187 (1%)	0 (0%)	187
NA.	590 (4%)	2 (5%)	592
Total	15990 (100%)	43 (100%)	16033

Table 142: Contingency table between death 1year and Valvopatias/ Prótese valvares

death_1year	Valvopatias/ Prótese valvares		Total
	0	1	
X0	14284 (96%)	970 (90%)	15254
X1	153 (1%)	34 (3%)	187
NA.	519 (3%)	73 (7%)	592
Total	14956 (100%)	1077 (100%)	16033

Table 143: Contingency table between death 1year and Endocardite prévia

death_1year	Endocardite prévia		Total
	0	1	
X0	15124 (95%)	130 (94%)	15254
X1	186 (1%)	1 (1%)	187
NA.	585 (4%)	7 (5%)	592
Total	15895 (100%)	138 (100%)	16033

Table 144: Contingency table between death 1year and Diabetes melittus

| | Diabetes melittus | | |
death_1year	0	1	Total
X0	13494 (96%)	1760 (90%)	15254
X1	154 (1%)	33 (2%)	187
NA.	438 (3%)	154 (8%)	592
Total	14086 (100%)	1947 (100%)	16033

Table 145: Contingency table between death 1year and Insuficiência renal crônica

| | Insuficiência renal crônica | | |
death_1year	0	1	Total
X0	14694 (96%)	560 (86%)	15254
X1	168 (1%)	19 (3%)	187
NA.	517 (3%)	75 (11%)	592
Total	15379 (100%)	654 (100%)	16033

Table 146: Contingency table between death 1year and Hemodiálise

| | Hemodiálise | | |
death_1year	0	1	Total
X0	15241 (95%)	13 (59%)	15254
X1	186 (1%)	1 (5%)	187
NA.	584 (4%)	8 (36%)	592
Total	16011 (100%)	22 (100%)	16033

Table 147: Contingency table between death 1year and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

| | Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios | | |
death_1year	0	1	Total
X0	14785 (95%)	469 (92%)	15254
X1	182 (1%)	5 (1%)	187
NA.	558 (4%)	34 (7%)	592
Total	15525 (100%)	508 (100%)	16033

Table 148: Contingency table between death 1year and Doença pulmonar obstrutiva crônica

| | Doença pulmonar obstrutiva crônica | | |
death_1year	0	1	Total
X0	15058 (95%)	196 (89%)	15254
X1	180 (1%)	7 (3%)	187
NA.	576 (4%)	16 (7%)	592
Total	15814 (100%)	219 (100%)	16033

Table 149: Contingency table between death 1year and Neoplasia em tratamento ou tratada recentemente (12 meses)

| death_1year | Neoplasia em tratamento ou tratada recentemente (12 meses) | | Total |
	0	1	
X0	15148 (95%)	106 (91%)	15254
X1	186 (1%)	1 (1%)	187
NA.	583 (4%)	9 (8%)	592
Total	15917 (100%)	116 (100%)	16033

Table 150: Contingency table between death 1year and Tipo de Procedimento 1

| death_1year | Tipo de Procedimento 1 | | Total |
	1	2	
X0	10496 (94%)	4758 (97%)	15254
X1	145 (1%)	42 (1%)	187
NA.	488 (4%)	104 (2%)	592
Total	11129 (100%)	4904 (100%)	16033

Table 151: Contingency table between death 1year and Tipo de Reoperação 1

| death_1year | Tipo de Reoperação 1 | | | | Total |
	1	2	3	NA	
X0	3837 (98%)	890 (95%)	31 (91%)	10496 (94%)	15254
X1	30 (1%)	10 (1%)	2 (6%)	145 (1%)	187
NA.	62 (2%)	41 (4%)	1 (3%)	488 (4%)	592
Total	3929 (100%)	941 (100%)	34 (100%)	11129 (100%)	16033

Table 152: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 1

| death_1year | Tipo de Dispositivo ao final do procedimento 1 | | | | Total |
	1	2	3	4	
X0	11983 (96%)	1695 (94%)	1165 (90%)	411 (89%)	15254
X1	111 (1%)	36 (2%)	29 (2%)	11 (2%)	187
NA.	386 (3%)	64 (4%)	104 (8%)	38 (8%)	592
Total	12480 (100%)	1795 (100%)	1298 (100%)	460 (100%)	16033

Table 153: Contingency table between death 1year and Óbito intraoperatório 1

| death_1year | Óbito intraoperatório 1 | | Total |
	0	1	
X0	15254 (95%)	0 (0%)	15254
X1	187 (1%)	0 (0%)	187
NA.	585 (4%)	7 (100%)	592
Total	16026 (100%)	7 (100%)	16033

Table 154: Contingency table between death 1year and Tipo de Reoperação 2

| death_1year | Tipo de Reoperação 2 | | | | Total |
	1	2	3	NA	
X0	3257 (100%)	1439 (97%)	118 (98%)	10440 (94%)	15254
X1	0 (0%)	11 (1%)	0 (0%)	176 (2%)	187
NA.	5 (0%)	40 (3%)	3 (2%)	544 (5%)	592
Total	3262 (100%)	1490 (100%)	121 (100%)	11160 (100%)	16033

Table 155: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 2

| death_1year | Tipo de Dispositivo ao final do procedimento 2 | | | | | Total |
	1	2	3	4	NA	
X0	3605 (99%)	632 (98%)	380 (98%)	198 (98%)	10439 (94%)	15254
X1	5 (0%)	1 (0%)	4 (1%)	1 (0%)	176 (2%)	187
NA.	28 (1%)	11 (2%)	4 (1%)	4 (2%)	545 (5%)	592
Total	3638 (100%)	644 (100%)	388 (100%)	203 (100%)	11160 (100%)	16033

Table 156: Contingency table between death 1year and Óbito intraoperatório 2

| death_1year | Óbito intraoperatório 2 | | Total |
	0	NA	
X0	4821 (99%)	10433 (94%)	15254
X1	11 (0%)	176 (2%)	187
NA.	48 (1%)	544 (5%)	592
Total	4880 (100%)	11153 (100%)	16033

Table 157: Contingency table between death 1year and Tipo de Reoperação 3

| death_1year | Tipo de Reoperação 3 | | | | Total |
	1	2	3	NA	
X0	722 (100%)	563 (97%)	60 (97%)	13909 (95%)	15254
X1	0 (0%)	3 (1%)	1 (2%)	183 (1%)	187
NA.	1 (0%)	12 (2%)	1 (2%)	578 (4%)	592
Total	723 (100%)	578 (100%)	62 (100%)	14670 (100%)	16033

Table 158: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 3

| death_1year | Tipo de Dispositivo ao final do procedimento 3 | | | | | Total |
	1	2	3	4	NA	
X0	960 (99%)	247 (98%)	156 (98%)	98 (99%)	13793 (95%)	15254
X1	0 (0%)	1 (0%)	3 (2%)	0 (0%)	183 (1%)	187
NA.	8 (1%)	4 (2%)	1 (1%)	1 (1%)	578 (4%)	592
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14554 (100%)	16033

Table 159: Contingency table between death 1year and Óbito intraoperatório 3

| | Óbito intraoperatório 3 | | | | |
death_1year	0	1	NA	Total
X0	1462 (99%)	0 (0%)	13792 (95%)	15254
X1	4 (0%)	0 (0%)	183 (1%)	187
NA.	10 (1%)	4 (100%)	578 (4%)	592
Total	1476 (100%)	4 (100%)	14553 (100%)	16033

Table 160: Contingency table between death 1year and Tipo de Reoperação 4

| | Tipo de Reoperação 4 | | | | |
death_1year	1	2	3	NA	Total
X0	191 (100%)	251 (100%)	33 (100%)	14779 (95%)	15254
X1	0 (0%)	0 (0%)	0 (0%)	187 (1%)	187
NA.	0 (0%)	1 (0%)	0 (0%)	591 (4%)	592
Total	191 (100%)	252 (100%)	33 (100%)	15557 (100%)	16033

Table 161: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 4

| | Tipo de Dispositivo ao final do procedimento 4 | | | | | |
death_1year	1	2	3	4	NA	Total
X0	287 (100%)	110 (100%)	45 (100%)	42 (100%)	14770 (95%)	15254
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	187 (1%)	187
NA.	1 (0%)	0 (0%)	0 (0%)	0 (0%)	591 (4%)	592
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15548 (100%)	16033

Table 162: Contingency table between death 1year and Óbito intraoperatório 4

| | Óbito intraoperatório 4 | | |
death_1year	0	NA	Total
X0	484 (100%)	14770 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	1 (0%)	591 (4%)	592
Total	485 (100%)	15548 (100%)	16033

Table 163: Contingency table between death 1year and Tipo de Reoperação 5

| | Tipo de Reoperação 5 | | | | |
death_1year	1	2	3	NA	Total
X0	71 (100%)	106 (100%)	14 (100%)	15063 (95%)	15254
X1	0 (0%)	0 (0%)	0 (0%)	187 (1%)	187
NA.	0 (0%)	0 (0%)	0 (0%)	592 (4%)	592
Total	71 (100%)	106 (100%)	14 (100%)	15842 (100%)	16033

Table 164: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 5

| death_1year | Tipo de Dispositivo ao final do procedimento 5 | | | | | Total |
	1	2	3	4	NA	
X0	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15063 (95%)	15254
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	187 (1%)	187
NA.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	592 (4%)	592
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15842 (100%)	16033

Table 165: Contingency table between death 1year and Óbito intraoperatório 5

| death_1year | Óbito intraoperatório 5 | | Total |
	0	NA	
X0	192 (100%)	15062 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	192 (100%)	15841 (100%)	16033

Table 166: Contingency table between death 1year and Tipo de Reoperação 6

| death_1year | Tipo de Reoperação 6 | | | | Total |
	1	2	3	NA	
X0	26 (100%)	47 (100%)	6 (100%)	15175 (95%)	15254
X1	0 (0%)	0 (0%)	0 (0%)	187 (1%)	187
NA.	0 (0%)	0 (0%)	0 (0%)	592 (4%)	592
Total	26 (100%)	47 (100%)	6 (100%)	15954 (100%)	16033

Table 167: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 6

| death_1year | Tipo de Dispositivo ao final do procedimento 6 | | | | | Total |
	1	2	3	4	NA	
X0	40 (100%)	25 (100%)	8 (100%)	9 (100%)	15172 (95%)	15254
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	187 (1%)	187
NA.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	592 (4%)	592
Total	40 (100%)	25 (100%)	8 (100%)	9 (100%)	15951 (100%)	16033

Table 168: Contingency table between death 1year and Óbito intraoperatório 6

| death_1year | Óbito intraoperatório 6 | | Total |
	0	NA	
X0	82 (100%)	15172 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	82 (100%)	15951 (100%)	16033

Table 169: Contingency table between death 1year and Tipo de Reoperação 7

| death_1year | Tipo de Reoperação 7 | | | | Total |
	1	2	3	NA	
X0	10 (100%)	18 (100%)	4 (100%)	15222 (95%)	15254
X1	0 (0%)	0 (0%)	0 (0%)	187 (1%)	187
NA.	0 (0%)	0 (0%)	0 (0%)	592 (4%)	592
Total	10 (100%)	18 (100%)	4 (100%)	16001 (100%)	16033

Table 170: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 7

| death_1year | Tipo de Dispositivo ao final do procedimento 7 | | | | | Total |
	1	2	3	4	NA	
X0	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15223 (95%)	15254
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	187 (1%)	187
NA.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	592 (4%)	592
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	16002 (100%)	16033

Table 171: Contingency table between death 1year and Óbito intraoperatório 7

| death_1year | Óbito intraoperatório 7 | | Total |
	0	NA	
X0	32 (100%)	15222 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	32 (100%)	16001 (100%)	16033

Table 172: Contingency table between death 1year and Tipo de Reoperação 8

| death_1year | Tipo de Reoperação 8 | | Total |
	TRUE	NA	
X0	12 (100%)	15242 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	12 (100%)	16021 (100%)	16033

Table 173: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 8

| death_1year | Tipo de Dispositivo ao final do procedimento 8 | | Total |
	TRUE	NA	
X0	12 (100%)	15242 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	12 (100%)	16021 (100%)	16033

Table 174: Contingency table between death 1year and Óbito intraoperatório 8

| | Óbito intraoperatório 8 | | |
death_1year	FALSE	NA	Total
X0	12 (100%)	15242 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	12 (100%)	16021 (100%)	16033

Table 175: Contingency table between death 1year and Tipo de Reoperação 9

| | Tipo de Reoperação 9 | | |
death_1year	TRUE	NA	Total
X0	5 (100%)	15249 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	5 (100%)	16028 (100%)	16033

Table 176: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 9

| | Tipo de Dispositivo ao final do procedimento 9 | | |
death_1year	TRUE	NA	Total
X0	5 (100%)	15249 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	5 (100%)	16028 (100%)	16033

Table 177: Contingency table between death 1year and Óbito intraoperatório 9

| | Óbito intraoperatório 9 | | |
death_1year	FALSE	NA	Total
X0	5 (100%)	15249 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	5 (100%)	16028 (100%)	16033

Table 178: Contingency table between death 1year and Tipo de Reoperação 10

| | Tipo de Reoperação 10 | | |
death_1year	TRUE	NA	Total
X0	1 (100%)	15253 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	1 (100%)	16032 (100%)	16033

Table 179: Contingency table between death 1year and Tipo de Dispositivo ao final do procedimento 10

| | Tipo de Dispositivo ao final do procedimento 10 | | |
death_1year	TRUE	NA	Total
X0	1 (100%)	15253 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	1 (100%)	16032 (100%)	16033

Table 180: Contingency table between death 1year and Óbito intraoperatório 10

| | Óbito intraoperatório 10 | | |
death_1year	FALSE	NA	Total
X0	1 (100%)	15253 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	1 (100%)	16032 (100%)	16033

Table 181: Contingency table between death 1year 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_1year	0	1	NA	Total
X0	4539 (99%)	276 (99%)	10439 (94%)	15254
X1	11 (0%)	0 (0%)	176 (2%)	187
NA.	43 (1%)	4 (1%)	545 (5%)	592
Total	4593 (100%)	280 (100%)	11160 (100%)	16033

Table 182: Contingency table between death 1year 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_1year	0	1	NA	Total
X0	1369 (99%)	92 (98%)	13793 (95%)	15254
X1	3 (0%)	1 (1%)	183 (1%)	187
NA.	13 (1%)	1 (1%)	578 (4%)	592
Total	1385 (100%)	94 (100%)	14554 (100%)	16033

Table 183: Contingency table between death 1year 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_1year	0	1	NA	Total
X0	456 (100%)	28 (100%)	14770 (95%)	15254
X1	0 (0%)	0 (0%)	187 (1%)	187
NA.	1 (0%)	0 (0%)	591 (4%)	592
Total	457 (100%)	28 (100%)	15548 (100%)	16033

Table 184: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5

| death_1year | Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5 | | | Total |
	0	1	NA	
X0	182 (100%)	9 (100%)	15063 (95%)	15254
X1	0 (0%)	0 (0%)	187 (1%)	187
NA.	0 (0%)	0 (0%)	592 (4%)	592
Total	182 (100%)	9 (100%)	15842 (100%)	16033

Table 185: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6

| death_1year | Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6 | | | Total |
	0	1	NA	
X0	75 (100%)	7 (100%)	15172 (95%)	15254
X1	0 (0%)	0 (0%)	187 (1%)	187
NA.	0 (0%)	0 (0%)	592 (4%)	592
Total	75 (100%)	7 (100%)	15951 (100%)	16033

Table 186: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7

| death_1year | Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7 | | | Total |
	0	1	NA	
X0	28 (100%)	3 (100%)	15223 (95%)	15254
X1	0 (0%)	0 (0%)	187 (1%)	187
NA.	0 (0%)	0 (0%)	592 (4%)	592
Total	28 (100%)	3 (100%)	16002 (100%)	16033

Table 187: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8

| death_1year | Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8 | | | Total |
	FALSE	TRUE	NA	
X0	11 (100%)	1 (100%)	15242 (95%)	15254
X1	0 (0%)	0 (0%)	187 (1%)	187
NA.	0 (0%)	0 (0%)	592 (4%)	592
Total	11 (100%)	1 (100%)	16021 (100%)	16033

Table 188: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9

| death_1year | Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9 | | Total |
	FALSE	NA	
X0	5 (100%)	15249 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	5 (100%)	16028 (100%)	16033

Table 189: Contingency table between death 1year and Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10

| death_1year | Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10 | | Total |
	FALSE	NA	
X0	1 (100%)	15253 (95%)	15254
X1	0 (0%)	187 (1%)	187
NA.	0 (0%)	592 (4%)	592
Total	1 (100%)	16032 (100%)	16033

Table 190: Contingency table between death 1year and Diálise durante os episódios de hospitalização

| death_1year | Diálise durante os episódios de hospitalização | | Total |
	0	1	
X0	15218 (95%)	36 (57%)	15254
X1	183 (1%)	4 (6%)	187
NA.	569 (4%)	23 (37%)	592
Total	15970 (100%)	63 (100%)	16033

Table 191: Contingency table between death 1year and UTI durante os episódios de hospitalização

| death_1year | UTI durante os episódios de hospitalização | | Total |
	0	1	
X0	12205 (97%)	3049 (89%)	15254
X1	133 (1%)	54 (2%)	187
NA.	283 (2%)	309 (9%)	592
Total	12621 (100%)	3412 (100%)	16033

Table 192: Contingency table between death 1year and Admissão em até 180 dias antes da T0

| death_1year | Admissão em até 180 dias antes da T0 | | Total |
	0	1	
X0	14257 (96%)	997 (89%)	15254
X1	168 (1%)	19 (2%)	187
NA.	491 (3%)	101 (9%)	592
Total	14916 (100%)	1117 (100%)	16033

Table 193: Contingency table between death 1year and Readmissões pós-T0 com diálise

| death_1year | Readmissões pós-T0 com diálise | | | | Total |
	0	1	2	3	
X0	15236 (95%)	15 (79%)	2 (100%)	1 (100%)	15254
X1	185 (1%)	2 (11%)	0 (0%)	0 (0%)	187
NA.	590 (4%)	2 (11%)	0 (0%)	0 (0%)	592
Total	16011 (100%)	19 (100%)	2 (100%)	1 (100%)	16033

Table 194: Contingency table between death 1year and Desfecho principal da admissão T0

| | Desfecho principal da admissão T0 | | |
death_1year	0	1	Total
X0	15254 (97%)	0 (0%)	15254
X1	187 (1%)	0 (0%)	187
NA.	334 (2%)	258 (100%)	592
Total	15775 (100%)	258 (100%)	16033

Table 195: Contingency table between death 1year and Desfecho final do estudo

| | Desfecho final do estudo | | | |
death_1year	1	2	3	Total
X0	2020 (72%)	7737 (100%)	5497 (100%)	15254
X1	187 (7%)	0 (0%)	0 (0%)	187
NA.	592 (21%)	0 (0%)	0 (0%)	592
Total	2799 (100%)	7737 (100%)	5497 (100%)	16033

Table 196: Contingency table between death 1year and Óbito intraoperatório

| | Óbito intraoperatório | | |
death_1year	0	1	Total
X0	15254 (95%)	0 (0%)	15254
X1	187 (1%)	0 (0%)	187
NA.	581 (4%)	11 (100%)	592
Total	16022 (100%)	11 (100%)	16033

Table 197: Contingency table between death 1year and Ventilação mecânica / IOT

| | Ventilação mecânica / IOT | | |
death_1year	0	1	Total
X0	12545 (96%)	2709 (90%)	15254
X1	118 (1%)	69 (2%)	187
NA.	365 (3%)	227 (8%)	592
Total	13028 (100%)	3005 (100%)	16033