

# Tables - death\_2year

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## Imports

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

## Loading data

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

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

outcome_column <- params$outcome_column

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

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

## Numerical variables

```
medianWithoutNA <- function(x) {
  median(x[which(!is.na(x))])
}

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

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

Table 1: Idade no momento do primeiro procedimento

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	65.474	0	68.9	110.6	17.791	15011	0
<b>1</b>	68.323	0	71.4	98.9	17.218	755	0

Table 2: Número de comorbidades

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	1.218	0	1	8	1.323	15011	0
<b>1</b>	1.928	0	2	7	1.704	755	0

Table 3: Número de procedimentos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	1.471	1	1	10	0.854	15011	0
<b>1</b>	1.097	1	1	4	0.368	755	0

Table 4: Ano do procedimento 1

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2010.556	1999	2010	2021	5.809	15011	0
<b>1</b>	2011.254	2000	2011	2021	5.291	755	0

Table 5: Idade no Procedimento 1

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	65.474	0	68.9	110.6	17.791	15011	0
<b>1</b>	68.323	0	71.4	98.9	17.218	755	0

Table 6: Ano do procedimento 2

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2013.123	1999	2013	2022	4.664	15011	10205
<b>1</b>	2009.945	2001	2008	2021	5.324	755	700

Table 7: Idade no Procedimento 2

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	65.178	0.0	69.20	108.7	19.242	15011	10205
<b>1</b>	61.568	1.8	65.85	93.1	20.754	755	699

Table 8: Ano do procedimento 3

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2014.346	1999	2015.0	2022	4.765	15011	13550
<b>1</b>	2012.062	2003	2013.5	2021	5.949	755	739

Table 9: Idade no Procedimento 3

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	61.938	0.4	65.90	101.1	20.809	15011	13550
<b>1</b>	68.081	43.7	70.85	88.2	13.089	755	739

Table 10: Ano do procedimento 4

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2014.457	2002	2015	2022	4.811	15011	14527
<b>1</b>	2016.000	2016	2016	2016	NA	755	754

Table 11: Idade no Procedimento 4

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	59.582	1.9	63.7	97.7	21.923	15011	14527
<b>1</b>	80.400	80.4	80.4	80.4	NA	755	754

Table 12: Ano do procedimento 5

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2014.234	2003	2014	2022	4.19	15011	14819
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 13: Idade no Procedimento 5

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	57.845	3.2	62.75	99.7	22.035	15011	14819
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 14: Ano do procedimento 6

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2014.728	2003	2015	2021	4.547	15011	14930
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 15: Idade no Procedimento 6

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	55.865	6.6	58.8	101.6	22.394	15011	14930
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 16: Ano do procedimento 7

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2015.656	2007	2016.5	2022	4.285	15011	14979
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 17: Idade no Procedimento 7

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	51.231	8.8	57.1	81.8	20.858	15011	14979
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 18: Ano do procedimento 8

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2014.917	2008	2015.5	2020	3.942	15011	14999
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 19: Idade no Procedimento 8

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	52.283	14.3	52.9	81.8	23.027	15011	14999
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 20: Ano do procedimento 9

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2014.8	2009	2016	2022	5.07	15011	15006
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 21: Idade no Procedimento 9

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	39.86	15	36.6	82.2	26.06	15011	15006
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 22: Ano do procedimento 10

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2019	2019	2019	2019	NA	15011	15010
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 23: Idade no Procedimento 10

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	39.7	39.7	39.7	39.7	NA	15011	15010
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 24: Tempo entre o P1 e P2 (meses)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	74.098	0.0	84.4	197.1	39.704	15011	10205
<b>1</b>	5.709	0.1	2.3	23.0	6.591	755	699

Table 25: Tempo entre o P2 e P3 (meses)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	56.253	0.0	61.50	170.5	39.549	15011	13550
<b>1</b>	1.950	0.3	1.35	6.9	1.999	755	739

Table 26: Tempo entre o P3 e P4 (meses)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	39.67	0.0	32.0	142.7	39.835	15011	14528
<b>1</b>	7.90	7.9	7.9	7.9	NA	755	754

Table 27: Tempo entre o P4 e P5 (meses)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	32.376	0	7.1	144.3	38.429	15011	14819
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 28: Tempo entre o P5 e P6 (meses)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	27.699	0	5.8	110.3	34.88	15011	14930
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 29: Tempo entre o P6 e P7 (meses)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	31.491	0	3.95	142.3	42.63	15011	14979
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 30: Tempo entre o P7 e P8 (meses)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	19.983	0.2	2.6	80.9	28.743	15011	14999
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 31: Tempo entre o P8 e P9 (meses)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	21.72	4.8	8.7	63.2	24.892	15011	15006
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 32: Tempo entre o P9 e P10 (meses)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	36.8	36.8	36.8	36.8	NA	15011	15010
<b>1</b>	NaN	NA	NA	NA	NA	755	755

Table 33: Número de Mudanças do tipo de DCEI

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.085	0	0	3	0.294	15011	10208
<b>1</b>	0.214	0	0	1	0.414	755	699

Table 34: Número de atendimentos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2.329	1	2	51	2.191	15011	0
<b>1</b>	3.399	1	3	20	2.579	755	0

Table 35: Número da Admissão T0 (admissão índice)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	1.402	1	1	32	1.051	15011	0
<b>1</b>	2.090	1	1	17	1.973	755	0

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

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.842	0	0	50	1.702	15011	0
<b>1</b>	1.306	0	1	9	1.272	755	0

Table 37: Núm. de episódios de hospitalizações pré-procedimento

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.512	0	0	38	1.185	15011	0
<b>1</b>	1.123	0	0	16	1.965	755	0

Table 38: Ano da admissão T0

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2010.549	1999	2010	2021	5.810	15011	18
<b>1</b>	2011.235	1999	2011	2021	5.286	755	2

Table 39: UTI durante a admissão T0

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	1.510	0	0	191.95	6.293	15011	0
<b>1</b>	4.284	0	0	188.00	12.258	755	0

Table 40: Diálise durante a admissão T0

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.006	0	0	28	0.294	15011	0
<b>1</b>	0.109	0	0	25	1.389	755	0

Table 41: Tempo de seguimento total (anos)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	6.137	0	4.8	22.6	5.238	15011	0
<b>1</b>	0.765	0	0.6	2.0	0.584	755	0

Table 42: Tempo de sobrevida (anos)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	6.565	0	5.7	20.1	3.843	15011	14001
<b>1</b>	0.765	0	0.6	2.0	0.584	755	0

Table 43: Diárias no serviço de Emergência na admissão T0

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.307	0	0	28	1.317	15011	5701
<b>1</b>	0.472	0	0	27	1.879	755	228

Table 44: Anticoagulantes orais

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.273	0	0	98	2.394	15011	3370
<b>1</b>	0.738	0	0	29	3.022	755	113

Table 45: Antiarrítmicos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	3.271	0	0	445	16.045	15011	3370
<b>1</b>	11.766	0	0	844	44.171	755	113

Table 46: Antihipertensivo

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.419	0	0	160	4.116	15011	3370
<b>1</b>	1.352	0	0	349	15.535	755	113

Table 47: Betabloqueador

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	1.078	0	0	388	8.167	15011	3370
<b>1</b>	1.271	0	0	68	6.120	755	113

Table 48: IECA/BRA

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	8.442	0	2	530	19.247	15011	3370
<b>1</b>	16.841	0	4	306	36.992	755	113

Table 49: DVA

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	4.688	0	0	1044	28.642	15011	3370
<b>1</b>	11.667	0	0	348	34.905	755	113



Table 50: Digoxina

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.209	0	0	50	1.500	15011	3370
<b>1</b>	0.678	0	0	39	3.212	755	113

Table 51: Estatinas

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	4.734	0	0	421	15.215	15011	3370
<b>1</b>	12.240	0	0	321	31.499	755	113

Table 52: Diuretico

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	7.663	0	0	1290.0	42.464	15011	3370
<b>1</b>	23.238	0	3	1010.5	74.841	755	113

Table 53: Vasodilator

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	7.760	0	0	2408.0	46.26	15011	3370
<b>1</b>	31.194	0	0	754.5	92.75	755	113

Table 54: Insuficiência cardíaca (ivabradina, levosimendan, milrinona, nesiritida, carvedilol)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	4.075	0	0	453	15.699	15011	3370
<b>1</b>	11.618	0	0	249	26.134	755	113

Table 55: Antagonista da Aldosterona (espironolactona)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	1.855	0	0	204	7.369	15011	3370
<b>1</b>	5.345	0	0	141	12.485	755	113

Table 56: Bloqueador do canal de calcio

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.602	0	0	509	9.588	15011	3370
<b>1</b>	0.872	0	0	153	9.708	755	113

Table 57: Trombolitico

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.001	0	0	3	0.04	15011	3370
<b>1</b>	0.000	0	0	0	0.00	755	113

Table 58: Antiplaquetario VO

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0	0	0	0	0	15011	3370
<b>1</b>	0	0	0	0	0	755	113

Table 59: Antiplaquetario EV

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.010	0	0	8	0.171	15011	3370
<b>1</b>	0.028	0	0	3	0.229	755	113

Table 60: Insulina

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.089	0	0	16	0.455	15011	3370
<b>1</b>	0.201	0	0	7	0.688	755	113

Table 61: Hipoglicemiente

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.359	0	0	90	2.861	15011	3370
<b>1</b>	0.361	0	0	39	2.482	755	113

Table 62: Hormonio tireoidiano

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0	0	0	0	0	15011	3370
<b>1</b>	0	0	0	0	0	755	113

Table 63: Broncodilador

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0	0	0	0	0	15011	3370
<b>1</b>	0	0	0	0	0	755	113

Table 64: Anticonvulsivante

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.835	0	0	334	10.104	15011	3370
<b>1</b>	1.693	0	0	390	17.297	755	113

Table 65: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	3.451	0	0	387	12.00	15011	3370
<b>1</b>	7.801	0	1	132	18.04	755	113

Table 66: Antibióticos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	12.768	0	4	1812	58.719	15011	3370
<b>1</b>	24.325	0	4	1137	71.465	755	113

Table 67: Antifúngicos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.270	0	0	122	3.217	15011	3370
<b>1</b>	0.445	0	0	50	3.477	755	113

Table 68: Antiviral

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.106	0	0	131	2.550	15011	3370
<b>1</b>	0.061	0	0	14	0.785	755	113

Table 69: Antiretroviral

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.009	0	0	32	0.46	15011	3370
<b>1</b>	0.000	0	0	0	0.00	755	113

Table 70: Quantidade de classes medicamentosas utilizadas

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	4.646	1	4	17	2.494	15011	4768
<b>1</b>	6.528	1	6	15	2.752	755	187

Table 71: Ventilação não invasiva

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.019	0	0	42	0.634	15011	2647
<b>1</b>	0.025	0	0	8	0.396	755	87

Table 72: Instalação de CEC

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.012	0	0	2	0.109	15011	2647
<b>1</b>	0.013	0	0	1	0.115	755	87

Table 73: Cirurgia Cardiovascular

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.055	0	0	9	0.364	15011	2647
<b>1</b>	0.081	0	0	9	0.525	755	87

Table 74: Cirurgia Toracica

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.002	0	0	4	0.064	15011	2647
<b>1</b>	0.007	0	0	2	0.116	755	87

Table 75: Outros procedimentos cirúrgicos (cir geral, gastrocir, plástica, uro, vascular)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.103	0	0	11	0.519	15011	2647
<b>1</b>	0.166	0	0	6	0.669	755	87

Table 76: Traqueostomia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.001	0	0	5	0.057	15011	2647
<b>1</b>	0.000	0	0	0	0.000	755	87

Table 77: Intervenção coronária percutânea

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.01	0	0	4	0.121	15011	2647
<b>1</b>	0.03	0	0	3	0.237	755	87

Table 78: Intervenção cardiovascular em laboratório de hemodinâmica (alcoolização septal, valvoplastia percutânea, stent em vasos pulmonares)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.007	0	0	3	0.117	15011	2647
<b>1</b>	0.009	0	0	2	0.109	755	87

Table 79: Stent

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0	0	0	0	0	15011	2647
<b>1</b>	0	0	0	0	0	755	87

Table 80: Angioplastia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.001	0	0	2	0.037	15011	2647
<b>1</b>	0.004	0	0	1	0.067	755	87

Table 81: Cateterismo

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.119	0	0	7	0.396	15011	2647
<b>1</b>	0.196	0	0	5	0.516	755	87

Table 82: Eletrofisiologia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.080	0	0	11	0.469	15011	2647
<b>1</b>	0.109	0	0	7	0.570	755	87

Table 83: Suporte cardiocirculatório (ECMO, BIA, Bio-PUMP)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.085	0	0	535	5.266	15011	2647
<b>1</b>	0.493	0	0	177	8.472	755	87

Table 84: Cateter venoso central

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.026	0	0	4	0.193	15011	2647
<b>1</b>	0.063	0	0	4	0.341	755	87

Table 85: Drenagem de tórax (instalação /troca) e punção pericárdica ou pleural

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.005	0	0	6	0.101	15011	2647
<b>1</b>	0.010	0	0	4	0.177	755	87

Table 86: Quantidade de procedimentos invasivos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.508	0	0	554	5.633	15011	2647
<b>1</b>	1.184	0	0	197	9.248	755	87

Table 87: Cardioversão/ Desfibrilação (sessão)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.006	0	0	5	0.124	15011	3451
<b>1</b>	0.003	0	0	1	0.056	755	115

Table 88: Transfusão de hemoderivados

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.028	0	0	34	0.519	15011	2647
<b>1</b>	0.058	0	0	16	0.689	755	87

Table 89: Interconsulta médica (Especialidades cirúrgicas, infecto, uro, nefro, psiquiatra, dermatologista, alergista, oncologista, geriatra, etc)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.332	0	0	199	2.757	15011	2647
<b>1</b>	0.698	0	0	40	3.175	755	87

Table 90: Equipe Multiprofissional (enf, fono, fisio, nutri, serviço social, psicologia)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2.841	0	0	365	12.478	15011	2647
<b>1</b>	5.879	0	1	318	19.203	755	87

Table 91: ECG

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	3.770	0	2	97	5.563	15011	2647
<b>1</b>	6.168	0	4	140	8.396	755	87

Table 92: Holter

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.101	0	0	5	0.348	15011	2647
<b>1</b>	0.180	0	0	3	0.435	755	87

Table 93: Teste de esforço

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.011	0	0	3	0.110	15011	2647
<b>1</b>	0.001	0	0	1	0.039	755	87

Table 94: Espirometria / Ergoespirometria

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.004	0	0	2	0.069	15011	2647
<b>1</b>	0.006	0	0	1	0.077	755	87

Table 95: Tilt Test

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.002	0	0	2	0.049	15011	2647
<b>1</b>	0.006	0	0	1	0.077	755	87

Table 96: Polissonografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.001	0	0	2	0.043	15011	2647
<b>1</b>	0.003	0	0	1	0.055	755	87

Table 97: Quantidade de exames por métodos gráficos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	3.890	0	2	97	5.706	15011	2647
<b>1</b>	6.364	0	4	140	8.502	755	87

Table 98: Exames laboratoriais (exames bioquímicos, exames hematologia/coagulação, anticorpos, dosagem sérica de fármacos)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	55.375	0	9	3474	160.923	15011	2647
<b>1</b>	129.403	0	39	2342	236.445	755	87

Table 99: Culturas (hemocultura, cultura de secreções, urocultura e cultura de cateteres)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.272	0	0	25	1.093	15011	2647
<b>1</b>	0.681	0	0	16	1.717	755	87

Table 100: Quantidade de exames de análises clínicas

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	55.647	0	9	3487	161.767	15011	2647
<b>1</b>	130.084	0	39	2354	237.702	755	87

Table 101: Citologias

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.004	0	0	5	0.086	15011	2647
<b>1</b>	0.031	0	0	4	0.246	755	87

Table 102: Biopsias (cardíaca, esterno, parede torácica, tumor em mediastino, pulmonar)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.015	0	0	10	0.261	15011	2647
<b>1</b>	0.007	0	0	4	0.159	755	87

Table 103: Quantidade de exames histopatológicos

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.020	0	0	10	0.284	15011	2647
<b>1</b>	0.039	0	0	4	0.297	755	87

Table 104: Angio RM

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.004	0	0	4	0.086	15011	2647
<b>1</b>	0.003	0	0	2	0.077	755	87

Table 105: Angio TC

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.033	0	0	6	0.227	15011	2647
<b>1</b>	0.055	0	0	4	0.322	755	87



Table 106: Angiografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.002	0	0	3	0.050	15011	2647
<b>1</b>	0.004	0	0	1	0.067	755	87

Table 107: Aortografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.002	0	0	2	0.047	15011	2647
<b>1</b>	0.006	0	0	2	0.095	755	87

Table 108: Arteriografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.001	0	0	2	0.027	15011	2647
<b>1</b>	0.001	0	0	1	0.039	755	87

Table 109: Cavografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.007	0	0	1	0.084	15011	2647
<b>1</b>	0.007	0	0	1	0.086	755	87

Table 110: Cintilografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.059	0	0	5	0.338	15011	2647
<b>1</b>	0.174	0	0	4	0.569	755	87

Table 111: Ecocardiograma

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.516	0	0	24	1.182	15011	2647
<b>1</b>	0.858	0	0	18	1.559	755	87

Table 112: Exames endoscópicos (EDA, colonoscopia, retossigmoidoscopia, broncoscopia)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.014	0	0	6	0.163	15011	2647
<b>1</b>	0.033	0	0	2	0.230	755	87

Table 113: Flebografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.034	0	0	5	0.284	15011	2647
<b>1</b>	0.058	0	0	4	0.352	755	87

Table 114: PET-CT

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.005	0	0	3	0.074	15011	2647
<b>1</b>	0.009	0	0	1	0.094	755	87

Table 115: Ultrassom

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.155	0	0	14	0.734	15011	2647
<b>1</b>	0.469	0	0	14	1.279	755	87

Table 116: Tomografia

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.148	0	0	15	0.642	15011	2647
<b>1</b>	0.316	0	0	9	0.856	755	87

Table 117: Radiografias

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	2.836	0	1	192	6.771	15011	2647
<b>1</b>	5.254	0	2	184	11.237	755	87

Table 118: Ressonancia magnetica

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.069	0	0	6	0.299	15011	2647
<b>1</b>	0.150	0	0	4	0.443	755	87

Table 119: Quantidade de exames diagnóstico por imagem

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	3.886	0	2	232	8.540	15011	2647
<b>1</b>	7.398	0	3	200	13.365	755	87

Table 120: Dieta enteral (frasco)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.026	0	0	115	1.409	15011	3453
<b>1</b>	0.209	0	0	111	4.458	755	115

Table 121: Dieta parenteral (frasco)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.001	0	0	5	0.062	15011	3453
<b>1</b>	0.000	0	0	0	0.000	755	115

Table 122: Bomba de infusão contínua (horas)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.765	0	0	1527	21.242	15011	3453
<b>1</b>	4.081	0	0	743	43.980	755	115

Table 123: Marca-passo temporário (por hora)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.158	0	0	180	3.053	15011	3453
<b>1</b>	0.166	0	0	48	2.318	755	115

Table 124: Número de procedimentos na admissão T0

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	1.015	1	1	5	0.137	15011	0
<b>1</b>	1.019	1	1	3	0.162	755	0

Table 125: Número de procedimentos em até 30 dias

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.008	0	0	3	0.097	15011	0
<b>1</b>	0.011	0	0	1	0.102	755	0

Table 126: Número de procedimentos em até 60 dias

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.009	0	0	3	0.102	15011	0
<b>1</b>	0.015	0	0	1	0.120	755	0

Table 127: Número de procedimentos em até 180 dias

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.012	0	0	4	0.131	15011	0
<b>1</b>	0.016	0	0	2	0.145	755	0

Table 128: Número de procedimentos em até 1 ano

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	0.011	0	0	3	0.124	15011	0
<b>1</b>	0.019	0	0	2	0.144	755	0

Table 129: Quantidade de classes medicamentosas de ação cardiovascular

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	3.042	1	3	10	1.736	15011	6316
<b>1</b>	4.244	1	4	9	1.926	755	219

Table 130: Quantidade de medicamentos de ação cardiovascular

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	40.062	0	9	5140	124.585	15011	3370
<b>1</b>	115.841	0	29	1695	228.456	755	113

Table 131: Quantidade de antimicrobianos (antibióticos e antifúngicos)

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	13.037	0	4	1812	59.873	15011	3370
<b>1</b>	24.770	0	4	1137	72.201	755	113

Table 132: Tempo de permanência hospitalar

death_2year	Mean	Min	Median	Max	Standard Deviation	N	Missing
<b>0</b>	7.565	0	3	360	12.801	15011	0
<b>1</b>	16.350	0	8	224	20.983	755	0

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

for (column in columns_list$categorical_columns) {
  transpose <- FALSE
  if (length(unique(df[[column]])) > 5) transpose <- TRUE

  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 (transpose) {
    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, label = i) %>%
  row_spec(length(unique(df %>% .[[column]] %>% replace_na("NA"))),
      hline_after = T) %>%
  column_spec(3, border_right = T) %>%
  collapse_rows(1, latex_hline = "none") %>%
  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 133: Contingency table between death 2year and Sexo

death_2year	Sexo		Total
	0	1	
0	7150 (96%)	7861 (95%)	15011
1	299 (4%)	456 (5%)	755
Total	7449 (100%)	8317 (100%)	15766

Table 134: Contingency table between death 2year and Raça

Raça	death_2year		Total
	0	1	
1	12817 (95%)	636 (5%)	13453 (100%)
2	738 (94%)	46 (6%)	784 (100%)
3	637 (95%)	34 (5%)	671 (100%)
4	206 (94%)	12 (6%)	218 (100%)
5	2 (100%)	0 (0%)	2 (100%)
999	546 (97%)	19 (3%)	565 (100%)
NA	65 (89%)	8 (11%)	73 (100%)
Total	15011	755	15766

Table 135: Contingency table between death 2year and Escolaridade

Escolaridade	death_2year		Total
	0	1	
0	697 (96%)	30 (4%)	727 (100%)
1	904 (97%)	31 (3%)	935 (100%)
2	3691 (97%)	130 (3%)	3821 (100%)
3	651 (97%)	20 (3%)	671 (100%)
4	1168 (97%)	36 (3%)	1204 (100%)
999	7470 (94%)	479 (6%)	7949 (100%)
NA	430 (94%)	29 (6%)	459 (100%)
Total	15011	755	15766

Table 136: Contingency table between death 2year and Estado de residência

Estado de residência	death_2year		Total
	0	1	
11	12 (100%)	0 (0%)	12 (100%)
12	12 (92%)	1 (8%)	13 (100%)
13	11 (92%)	1 (8%)	12 (100%)
14	2 (100%)	0 (0%)	2 (100%)
15	11 (92%)	1 (8%)	12 (100%)
16	2 (100%)	0 (0%)	2 (100%)
17	1 (50%)	1 (50%)	2 (100%)
21	5 (83%)	1 (17%)	6 (100%)
22	11 (100%)	0 (0%)	11 (100%)
23	9 (100%)	0 (0%)	9 (100%)
24	6 (100%)	0 (0%)	6 (100%)
25	8 (100%)	0 (0%)	8 (100%)
26	16 (89%)	2 (11%)	18 (100%)
27	5 (100%)	0 (0%)	5 (100%)
28	6 (100%)	0 (0%)	6 (100%)
29	98 (98%)	2 (2%)	100 (100%)
31	265 (98%)	5 (2%)	270 (100%)
32	11 (100%)	0 (0%)	11 (100%)
33	83 (97%)	3 (3%)	86 (100%)
35	13739 (95%)	708 (5%)	14447 (100%)
41	63 (97%)	2 (3%)	65 (100%)
42	28 (100%)	0 (0%)	28 (100%)
43	4 (100%)	0 (0%)	4 (100%)
50	13 (93%)	1 (7%)	14 (100%)
51	16 (100%)	0 (0%)	16 (100%)
52	23 (100%)	0 (0%)	23 (100%)
53	17 (100%)	0 (0%)	17 (100%)
NA	534 (95%)	27 (5%)	561 (100%)
Total	15011	755	15766

Table 137: Contingency table between death 2year and Doença cardíaca

Doença cardíaca	death_2year		Total
	0	1	
1	7768 (96%)	337 (4%)	8105 (100%)
2	976 (93%)	75 (7%)	1051 (100%)
3	1048 (92%)	95 (8%)	1143 (100%)
4	1187 (95%)	64 (5%)	1251 (100%)
5	1666 (95%)	86 (5%)	1752 (100%)
6	330 (96%)	14 (4%)	344 (100%)
7	88 (99%)	1 (1%)	89 (100%)
8	26 (96%)	1 (4%)	27 (100%)
9	242 (98%)	4 (2%)	246 (100%)
NA	1680 (96%)	78 (4%)	1758 (100%)
Total	15011	755	15766



Table 138: Contingency table between death 2year and Doença cardíaca

death_2year	Doença cardíaca				Total
	0	1	2	NA	
0	8744 (96%)	1048 (92%)	3297 (95%)	1922 (96%)	15011
1	412 (4%)	95 (8%)	166 (5%)	82 (4%)	755
Total	9156 (100%)	1143 (100%)	3463 (100%)	2004 (100%)	15766

Table 139: Contingency table between death 2year and Classe funcional de IC (NYHA)

Classe funcional de IC (NYHA)	death_2year		Total
	0	1	
1	3233 (97%)	107 (3%)	3340 (100%)
2	2514 (95%)	141 (5%)	2655 (100%)
3	1070 (91%)	112 (9%)	1182 (100%)
4	139 (85%)	25 (15%)	164 (100%)
999	10 (100%)	0 (0%)	10 (100%)
NA	8045 (96%)	370 (4%)	8415 (100%)
Total	15011	755	15766

Table 140: Contingency table between death 2year and Classe funcional de IC (NYHA)

death_2year	Classe funcional de IC (NYHA)			Total
	1	2	NA	
0	5747 (96%)	1209 (90%)	8055 (96%)	15011
1	248 (4%)	137 (10%)	370 (4%)	755
Total	5995 (100%)	1346 (100%)	8425 (100%)	15766

Table 141: Contingency table between death 2year and Hipertensão arterial

death_2year	Hipertensão arterial		Total
	0	1	
0	11403 (96%)	3608 (94%)	15011
1	530 (4%)	225 (6%)	755
Total	11933 (100%)	3833 (100%)	15766

Table 142: Contingency table between death 2year and Infarto do miocárdio prévio / Doença arterial coronariana

death_2year	Infarto do miocárdio prévio / Doença arterial coronariana		Total
	0	1	
0	13680 (96%)	1331 (92%)	15011
1	643 (4%)	112 (8%)	755
Total	14323 (100%)	1443 (100%)	15766

Table 143: Contingency table between death 2year and Insuficiência cardíaca

death_2year	Insuficiência cardíaca		Total
	0	1	
0	9805 (97%)	5206 (92%)	15011
1	320 (3%)	435 (8%)	755
Total	10125 (100%)	5641 (100%)	15766

Table 144: Contingency table between death 2year and Fibrilação / flutter atrial

death_2year	Fibrilação / flutter atrial		Total
	0	1	
0	12793 (96%)	2218 (93%)	15011
1	590 (4%)	165 (7%)	755
Total	13383 (100%)	2383 (100%)	15766

Table 145: Contingency table between death 2year and Parada cardíaca prévia/ Taquicardia ventricular instável

death_2year	Parada cardíaca prévia/ Taquicardia ventricular instável		Total
	0	1	
0	13229 (95%)	1782 (94%)	15011
1	644 (5%)	111 (6%)	755
Total	13873 (100%)	1893 (100%)	15766

Table 146: Contingency table between death 2year and Transplante cardíaco prévio

death_2year	Transplante cardíaco prévio		Total
	0	1	
0	14999 (95%)	12 (100%)	15011
1	755 (5%)	0 (0%)	755
Total	15754 (100%)	12 (100%)	15766

Table 147: Contingency table between death 2year and Valvopatias/ Prótese valvares

death_2year	Valvopatias/ Prótese valvares		Total
	0	1	
0	14063 (96%)	948 (90%)	15011
1	649 (4%)	106 (10%)	755
Total	14712 (100%)	1054 (100%)	15766

Table 148: Contingency table between death 2year and Endocardite prévia

death_2year	Endocardite prévia		Total
	0	1	
0	14884 (95%)	127 (95%)	15011
1	749 (5%)	6 (5%)	755
Total	15633 (100%)	133 (100%)	15766

Table 149: Contingency table between death 2year and Diabetes melittus

death_2year	Diabetes melittus		Total
	0	1	
0	13279 (96%)	1732 (92%)	15011
1	611 (4%)	144 (8%)	755
Total	13890 (100%)	1876 (100%)	15766

Table 150: Contingency table between death 2year and Insuficiência renal crônica

death_2year	Insuficiência renal crônica		Total
	0	1	
0	14467 (96%)	544 (88%)	15011
1	679 (4%)	76 (12%)	755
Total	15146 (100%)	620 (100%)	15766

Table 151: Contingency table between death 2year and Hemodiálise

death_2year	Hemodiálise		Total
	0	1	
0	14998 (95%)	13 (68%)	15011
1	749 (5%)	6 (32%)	755
Total	15747 (100%)	19 (100%)	15766

Table 152: Contingency table between death 2year and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

death_2year	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios		Total
	0	1	
0	14553 (95%)	458 (92%)	15011
1	714 (5%)	41 (8%)	755
Total	15267 (100%)	499 (100%)	15766

Table 153: Contingency table between death 2year and Doença pulmonar obstrutiva crônica

death_2year	Doença pulmonar obstrutiva crônica		Total
	0	1	
0	14818 (95%)	193 (91%)	15011
1	735 (5%)	20 (9%)	755
Total	15553 (100%)	213 (100%)	15766

Table 154: Contingency table between death 2year and Neoplasia em tratamento ou tratada recentemente (12 meses)

death_2year	Neoplasia em tratamento ou tratada recentemente (12 meses)		Total
	0	1	
0	14907 (95%)	104 (92%)	15011
1	746 (5%)	9 (8%)	755
Total	15653 (100%)	113 (100%)	15766

Table 155: Contingency table between death 2year and Tipo de Procedimento 1

death_2year	Tipo de Procedimento 1		Total
	1	2	
0	10313 (95%)	4698 (97%)	15011
1	599 (5%)	156 (3%)	755
Total	10912 (100%)	4854 (100%)	15766

Table 156: Contingency table between death 2year and Tipo de Reoperação 1

death_2year	Tipo de Reoperação 1				Total
	1	2	3	NA	
0	3797 (97%)	870 (96%)	31 (94%)	10313 (95%)	15011
1	115 (3%)	39 (4%)	2 (6%)	599 (5%)	755
Total	3912 (100%)	909 (100%)	33 (100%)	10912 (100%)	15766

Table 157: Contingency table between death 2year and Tipo de Procedimento 1 (merge: procedure type com reop type)

death_2year	Tipo de Procedimento 1 (merge: procedure type com reop type)				Total
	1	2	3	4	
0	10313 (95%)	3797 (97%)	870 (96%)	31 (94%)	15011
1	599 (5%)	115 (3%)	39 (4%)	2 (6%)	755
Total	10912 (100%)	3912 (100%)	909 (100%)	33 (100%)	15766

Table 158: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 1

death_2year	Tipo de Dispositivo ao final do procedimento 1				Total
	1	2	3	4	
0	11843 (96%)	1643 (93%)	1130 (90%)	395 (89%)	15011
1	452 (4%)	129 (7%)	124 (10%)	50 (11%)	755
Total	12295 (100%)	1772 (100%)	1254 (100%)	445 (100%)	15766

Table 159: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 1

death_2year	Tipo de Dispositivo ao final do procedimento 1		Total
	1	2	
0	13486 (96%)	1525 (90%)	15011
1	581 (4%)	174 (10%)	755
Total	14067 (100%)	1699 (100%)	15766

Table 160: Contingency table between death 2year and Óbito intraoperatório 1

death_2year	Óbito intraoperatório 1	
	0	Total
0	15011 (95%)	15011
1	755 (5%)	755
Total	15766 (100%)	15766

Table 161: Contingency table between death 2year and Tipo de Reoperação 2

death_2year	Tipo de Reoperação 2				Total
	1	2	3	NA	
0	3254 (100%)	1428 (97%)	116 (96%)	10213 (94%)	15011
1	5 (0%)	46 (3%)	5 (4%)	699 (6%)	755
Total	3259 (100%)	1474 (100%)	121 (100%)	10912 (100%)	15766

Table 162: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 2

death_2year	Tipo de Dispositivo ao final do procedimento 2					Total
	1	2	3	4	NA	
0	3597 (99%)	633 (99%)	379 (98%)	190 (94%)	10212 (94%)	15011
1	26 (1%)	9 (1%)	8 (2%)	13 (6%)	699 (6%)	755
Total	3623 (100%)	642 (100%)	387 (100%)	203 (100%)	10911 (100%)	15766

Table 163: Contingency table between death 2year and Óbito intraoperatório 2

death_2year	Óbito intraoperatório 2		Total
	0	NA	
0	4805 (99%)	10206 (94%)	15011
1	56 (1%)	699 (6%)	755
Total	4861 (100%)	10905 (100%)	15766

Table 164: Contingency table between death 2year and Tipo de Reoperação 3

death_2year	Tipo de Reoperação 3				Total
	1	2	3	NA	
0	723 (100%)	563 (97%)	61 (98%)	13664 (95%)	15011
1	0 (0%)	15 (3%)	1 (2%)	739 (5%)	755
Total	723 (100%)	578 (100%)	62 (100%)	14403 (100%)	15766

Table 165: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 3

death_2year	Tipo de Dispositivo ao final do procedimento 3					Total
	1	2	3	4	NA	
0	958 (99%)	249 (99%)	157 (98%)	96 (97%)	13551 (95%)	15011
1	8 (1%)	2 (1%)	3 (2%)	3 (3%)	739 (5%)	755
Total	966 (100%)	251 (100%)	160 (100%)	99 (100%)	14290 (100%)	15766

Table 166: Contingency table between death 2year and Óbito intraoperatório 3

death_2year	Óbito intraoperatório 3			Total
	0	1	NA	
0	1457 (99%)	4 (100%)	13550 (95%)	15011
1	16 (1%)	0 (0%)	739 (5%)	755
Total	1473 (100%)	4 (100%)	14289 (100%)	15766

Table 167: Contingency table between death 2year and Tipo de Reoperação 4

death_2year	Tipo de Reoperação 4				Total
	1	2	3	NA	
0	192 (100%)	250 (100%)	33 (100%)	14536 (95%)	15011
1	0 (0%)	1 (0%)	0 (0%)	754 (5%)	755
Total	192 (100%)	251 (100%)	33 (100%)	15290 (100%)	15766

Table 168: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 4

death_2year	Tipo de Dispositivo ao final do procedimento 4					Total
	1	2	3	4	NA	
0	287 (100%)	110 (100%)	45 (100%)	42 (100%)	14527 (95%)	15011
1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	754 (5%)	755
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15281 (100%)	15766

Table 169: Contingency table between death 2year and Óbito intraoperatório 4

death_2year	Óbito intraoperatório 4		Total
	0	NA	
0	484 (100%)	14527 (95%)	15011
1	1 (0%)	754 (5%)	755
Total	485 (100%)	15281 (100%)	15766

Table 170: Contingency table between death 2year and Tipo de Reoperação 5

death_2year	Tipo de Reoperação 5				Total
	1	2	3	NA	
0	71 (100%)	106 (100%)	14 (100%)	14820 (95%)	15011
1	0 (0%)	0 (0%)	0 (0%)	755 (5%)	755
Total	71 (100%)	106 (100%)	14 (100%)	15575 (100%)	15766

Table 171: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 5

death_2year	Tipo de Dispositivo ao final do procedimento 5					Total
	1	2	3	4	NA	
0	100 (100%)	56 (100%)	22 (100%)	13 (100%)	14820 (95%)	15011
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	755 (5%)	755
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15575 (100%)	15766

Table 172: Contingency table between death 2year and Óbito intraoperatório 5

death_2year	Óbito intraoperatório 5		Total
	0	NA	
0	192 (100%)	14819 (95%)	15011
1	0 (0%)	755 (5%)	755
Total	192 (100%)	15574 (100%)	15766

Table 173: Contingency table between death 2year and Tipo de Reoperação 6

death_2year	Tipo de Reoperação 6				Total
	1	2	3	NA	
0	26 (100%)	46 (100%)	6 (100%)	14933 (95%)	15011
1	0 (0%)	0 (0%)	0 (0%)	755 (5%)	755
Total	26 (100%)	46 (100%)	6 (100%)	15688 (100%)	15766

Table 174: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 6

death_2year	Tipo de Dispositivo ao final do procedimento 6					Total
	1	2	3	4	NA	
0	40 (100%)	25 (100%)	7 (100%)	9 (100%)	14930 (95%)	15011
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	755 (5%)	755
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15685 (100%)	15766

Table 175: Contingency table between death 2year and Óbito intraoperatório 6

death_2year	Óbito intraoperatório 6		Total
	0	NA	
0	81 (100%)	14930 (95%)	15011
1	0 (0%)	755 (5%)	755
Total	81 (100%)	15685 (100%)	15766

Table 176: Contingency table between death 2year and Tipo de Reoperação 7

death_2year	Tipo de Reoperação 7				Total
	1	2	3	NA	
0	10 (100%)	18 (100%)	4 (100%)	14979 (95%)	15011
1	0 (0%)	0 (0%)	0 (0%)	755 (5%)	755
Total	10 (100%)	18 (100%)	4 (100%)	15734 (100%)	15766

Table 177: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 7

death_2year	Tipo de Dispositivo ao final do procedimento 7					Total
	1	2	3	4	NA	
0	13 (100%)	13 (100%)	1 (100%)	4 (100%)	14980 (95%)	15011
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	755 (5%)	755
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15735 (100%)	15766



Table 178: Contingency table between death 2year and Óbito intraoperatório 7

death_2year	Óbito intraoperatório 7		Total
	0	NA	
0	32 (100%)	14979 (95%)	15011
1	0 (0%)	755 (5%)	755
Total	32 (100%)	15734 (100%)	15766

Table 179: Contingency table between death 2year and Tipo de Reoperação 8

death_2year	Tipo de Reoperação 8			Total
	1	2	NA	
0	3 (100%)	9 (100%)	14999 (95%)	15011
1	0 (0%)	0 (0%)	755 (5%)	755
Total	3 (100%)	9 (100%)	15754 (100%)	15766

Table 180: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 8

death_2year	Tipo de Dispositivo ao final do procedimento 8				Total
	1	2	4	NA	
0	7 (100%)	4 (100%)	1 (100%)	14999 (95%)	15011
1	0 (0%)	0 (0%)	0 (0%)	755 (5%)	755
Total	7 (100%)	4 (100%)	1 (100%)	15754 (100%)	15766

Table 181: Contingency table between death 2year and Óbito intraoperatório 8

death_2year	Óbito intraoperatório 8		Total
	0	NA	
0	12 (100%)	14999 (95%)	15011
1	0 (0%)	755 (5%)	755
Total	12 (100%)	15754 (100%)	15766

Table 182: Contingency table between death 2year and Tipo de Reoperação 9

death_2year	Tipo de Reoperação 9		Total
	2	NA	
0	5 (100%)	15006 (95%)	15011
1	0 (0%)	755 (5%)	755
Total	5 (100%)	15761 (100%)	15766

Table 183: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 9

death_2year	Tipo de Dispositivo ao final do procedimento 9			Total
	1	2	NA	
0	3 (100%)	2 (100%)	15006 (95%)	15011
1	0 (0%)	0 (0%)	755 (5%)	755
Total	3 (100%)	2 (100%)	15761 (100%)	15766

Table 184: Contingency table between death 2year and Óbito intraoperatório 9

death_2year	Óbito intraoperatório 9		Total
	0	NA	
0	5 (100%)	15006 (95%)	15011
1	0 (0%)	755 (5%)	755
Total	5 (100%)	15761 (100%)	15766

Table 185: Contingency table between death 2year and Tipo de Reoperação 10

death_2year	Tipo de Reoperação 10		Total
	2	NA	
0	1 (100%)	15010 (95%)	15011
1	0 (0%)	755 (5%)	755
Total	1 (100%)	15765 (100%)	15766

Table 186: Contingency table between death 2year and Tipo de Dispositivo ao final do procedimento 10

death_2year	Tipo de Dispositivo ao final do procedimento 10		Total
	2	NA	
0	1 (100%)	15010 (95%)	15011
1	0 (0%)	755 (5%)	755
Total	1 (100%)	15765 (100%)	15766

Table 187: Contingency table between death 2year and Óbito intraoperatório 10

death_2year	Óbito intraoperatório 10		Total
	0	NA	
0	1 (100%)	15010 (95%)	15011
1	0 (0%)	755 (5%)	755
Total	1 (100%)	15765 (100%)	15766

Table 188: Contingency table between death 2year and Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2

death_2year	Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2			Total
	0	1	NA	
0	4530 (99%)	269 (96%)	10212 (94%)	15011
1	46 (1%)	10 (4%)	699 (6%)	755
Total	4576 (100%)	279 (100%)	10911 (100%)	15766

Table 189: Contingency table between death 2year and Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3

death_2year	Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3			Total
	0	1	NA	
0	1368 (99%)	92 (98%)	13551 (95%)	15011
1	14 (1%)	2 (2%)	739 (5%)	755
Total	1382 (100%)	94 (100%)	14290 (100%)	15766

Table 190: Contingency table between death 2year and Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4

death_2year	Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4			Total
	0	1	NA	
0	456 (100%)	28 (100%)	14527 (95%)	15011
1	1 (0%)	0 (0%)	754 (5%)	755
Total	457 (100%)	28 (100%)	15281 (100%)	15766

Table 191: Contingency table between death 2year and Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5

death_2year	Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5			Total
	0	1	NA	
0	182 (100%)	9 (100%)	14820 (95%)	15011
1	0 (0%)	0 (0%)	755 (5%)	755
Total	182 (100%)	9 (100%)	15575 (100%)	15766

Table 192: Contingency table between death 2year and Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6

death_2year	Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6			Total
	0	1	NA	
0	74 (100%)	7 (100%)	14930 (95%)	15011
1	0 (0%)	0 (0%)	755 (5%)	755
Total	74 (100%)	7 (100%)	15685 (100%)	15766

Table 193: Contingency table between death 2year and Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7

death_2year	Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7			Total
	0	1	NA	
0	28 (100%)	3 (100%)	14980 (95%)	15011
1	0 (0%)	0 (0%)	755 (5%)	755
Total	28 (100%)	3 (100%)	15735 (100%)	15766

Table 194: Contingency table between death 2year and Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8

death_2year	Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8			Total
	0	1	NA	
0	11 (100%)	1 (100%)	14999 (95%)	15011
1	0 (0%)	0 (0%)	755 (5%)	755
Total	11 (100%)	1 (100%)	15754 (100%)	15766

Table 195: Contingency table between death 2year and Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9

death_2year	Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9		Total
	0	NA	
0	5 (100%)	15006 (95%)	15011
1	0 (0%)	755 (5%)	755
Total	5 (100%)	15761 (100%)	15766

Table 196: Contingency table between death 2year and Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10

death_2year	Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10		Total
	0	NA	
0	1 (100%)	15010 (95%)	15011
1	0 (0%)	755 (5%)	755
Total	1 (100%)	15765 (100%)	15766

Table 197: Contingency table between death 2year and Diálise durante os episódios de hospitalização

death_2year	Diálise durante os episódios de hospitalização		Total
	0	1	
0	14979 (95%)	32 (73%)	15011
1	743 (5%)	12 (27%)	755
Total	15722 (100%)	44 (100%)	15766

Table 198: Contingency table between death 2year and UTI durante os episódios de hospitalização

death_2year	UTI durante os episódios de hospitalização		Total
	0	1	
0	12054 (96%)	2957 (92%)	15011
1	501 (4%)	254 (8%)	755
Total	12555 (100%)	3211 (100%)	15766

Table 199: Contingency table between death 2year and Admissão em até 180 dias antes da T0

death_2year	Admissão em até 180 dias antes da T0		Total
	0	1	
0	14058 (96%)	953 (89%)	15011
1	638 (4%)	117 (11%)	755
Total	14696 (100%)	1070 (100%)	15766

Table 200: Contingency table between death 2year and Readmissões pós-T0 com diárias de UTI

Readmissões pós-T0 com diárias de UTI	death_2year		Total
	0	1	
0	14558 (95%)	712 (5%)	15270 (100%)
1	413 (91%)	39 (9%)	452 (100%)
2	32 (91%)	3 (9%)	35 (100%)
3	4 (80%)	1 (20%)	5 (100%)
4	2 (100%)	0 (0%)	2 (100%)
5	1 (100%)	0 (0%)	1 (100%)
7	1 (100%)	0 (0%)	1 (100%)
Total	15011	755	15766

Table 201: Contingency table between death 2year and Readmissões pós-T0 com diálise

death_2year	Readmissões pós-T0 com diálise				Total
	0	1	2	3	
0	14994 (95%)	15 (79%)	1 (50%)	1 (100%)	15011
1	750 (5%)	4 (21%)	1 (50%)	0 (0%)	755
Total	15744 (100%)	19 (100%)	2 (100%)	1 (100%)	15766

Table 202: Contingency table between death 2year and Desfecho principal da admissão T0

death_2year	Desfecho principal da admissão T0		Total
	0	1	
0	15011 (95%)		15011
1	755 (5%)		755
Total	15766 (100%)		15766

Table 203: Contingency table between death 2year and Readmissão em até 30 dias

death_2year	Readmissão em até 30 dias		Total
	0	1	
0	14558 (96%)	453 (75%)	15011
1	605 (4%)	150 (25%)	755
Total	15163 (100%)	603 (100%)	15766

Table 204: Contingency table between death 2year and Readmissão em até 60 dias

death_2year	Readmissão em até 60 dias		Total
	0	1	
0	14319 (96%)	692 (76%)	15011
1	541 (4%)	214 (24%)	755
Total	14860 (100%)	906 (100%)	15766

Table 205: Contingency table between death 2year and Readmissão em até 180 dias

death_2year	Readmissão em até 180 dias		Total
	0	1	
0	13864 (97%)	1147 (77%)	15011
1	413 (3%)	342 (23%)	755
Total	14277 (100%)	1489 (100%)	15766

Table 206: Contingency table between death 2year and Readmissão em até 1 ano

death_2year	Readmissão em até 1 ano		Total
	0	1	
0	13443 (98%)	1568 (78%)	15011
1	311 (2%)	444 (22%)	755
Total	13754 (100%)	2012 (100%)	15766

Table 207: Contingency table between death 2year and Readmissão cirúrgica em até 30 dias

death_2year	Readmissão cirúrgica em até 30 dias		Total
	0	1	
0	14885 (95%)	126 (92%)	15011
1	744 (5%)	11 (8%)	755
Total	15629 (100%)	137 (100%)	15766

Table 208: Contingency table between death 2year and Readmissão cirúrgica entre 31 a 60 dias

death_2year	Readmissão cirúrgica entre 31 a 60 dias		Total
	0	1	
0	14926 (95%)	85 (91%)	15011
1	747 (5%)	8 (9%)	755
Total	15673 (100%)	93 (100%)	15766

Table 209: Contingency table between death 2year and Readmissão cirúrgica entre 61 a 180 dias

death_2year	Readmissão cirúrgica entre 61 a 180 dias		Total
	0	1	
0	14870 (95%)	141 (95%)	15011
1	747 (5%)	8 (5%)	755
Total	15617 (100%)	149 (100%)	15766

Table 210: Contingency table between death 2year and Readmissão cirúrgica em até 1 ano

death_2year	Readmissão cirúrgica em até 1 ano		Total
	0	1	
0	14889 (95%)	122 (92%)	15011
1	745 (5%)	10 (8%)	755
Total	15634 (100%)	132 (100%)	15766

Table 211: Contingency table between death 2year and Desfecho final do estudo

death_2year	Desfecho final do estudo			Total
	1	2	3	
0	1786 (70%)	7728 (100%)	5497 (100%)	15011
1	755 (30%)	0 (0%)	0 (0%)	755
Total	2541 (100%)	7728 (100%)	5497 (100%)	15766

Table 212: Contingency table between death 2year and Óbito intraoperatório

death_2year	Óbito intraoperatório		Total
	0	1	
0	15007 (95%)	4 (100%)	15011
1	755 (5%)	0 (0%)	755
Total	15762 (100%)	4 (100%)	15766

Table 213: Contingency table between death 2year and Óbito hospitalar (intraoperatório ou admissao T0)

death_2year	Óbito hospitalar (intraoperatório ou admissao T0)		Total
	0	1	
0	15007 (95%)	4 (100%)	15011
1	755 (5%)	0 (0%)	755
Total	15762 (100%)	4 (100%)	15766

Table 214: Contingency table between death 2year and Óbito durante algum episódio de readmissão hospitalar

death_2year	Óbito durante algum episódio de readmissão hospitalar		Total
	0	1	
0	14234 (98%)	777 (60%)	15011
1	228 (2%)	527 (40%)	755
Total	14462 (100%)	1304 (100%)	15766

Table 215: Contingency table between death 2year and Óbito em até 30 dias após a alta T0

death_2year	Óbito em até 30 dias após a alta T0		Total
	0	1	
0	15011 (96%)	0 (0%)	15011
1	684 (4%)	71 (100%)	755
Total	15695 (100%)	71 (100%)	15766

Table 216: Contingency table between death 2year and Óbito em até 180 dias após a alta T0

death_2year	Óbito em até 180 dias após a alta T0		Total
	0	1	
0	15011 (97%)	0 (0%)	15011
1	425 (3%)	330 (100%)	755
Total	15436 (100%)	330 (100%)	15766

Table 217: Contingency table between death 2year and Óbito em até 1 ano após a alta T0

death_2year	Óbito em até 1 ano após a alta T0		Total
	0	1	
0	15011 (98%)	0 (0%)	15011
1	238 (2%)	517 (100%)	755
Total	15249 (100%)	517 (100%)	15766



Table 218: Contingency table between death 2year and Óbito em até 2 anos após a alta T0

death_2year	Óbito em até 2 anos após a alta T0		Total
	0	1	
0	15011 (100%)	0 (0%)	15011
1	0 (0%)	755 (100%)	755
Total	15011 (100%)	755 (100%)	15766

Table 219: Contingency table between death 2year and Óbito em até 3 anos após a alta T0

death_2year	Óbito em até 3 anos após a alta T0		Total
	0	1	
0	14853 (100%)	158 (17%)	15011
1	0 (0%)	755 (83%)	755
Total	14853 (100%)	913 (100%)	15766

Table 220: Contingency table between death 2year and Óbito (status final)

death_2year	Óbito (status final)		Total
	0	1	
0	13225 (100%)	1786 (70%)	15011
1	0 (0%)	755 (30%)	755
Total	13225 (100%)	2541 (100%)	15766

Table 221: Contingency table between death 2year and Causa do óbito

Causa do óbito	death_2year		Total
	0	1	
1	149 (51%)	143 (49%)	292 (100%)
2	7 (88%)	1 (12%)	8 (100%)
3	21 (68%)	10 (32%)	31 (100%)
4	32 (42%)	44 (58%)	76 (100%)
5	86 (53%)	77 (47%)	163 (100%)
777	15 (48%)	16 (52%)	31 (100%)
888	10 (34%)	19 (66%)	29 (100%)
999	1466 (77%)	445 (23%)	1911 (100%)
NA	13225 (100%)	0 (0%)	13225 (100%)
Total	15011	755	15766

Table 222: Contingency table between death 2year and Ventilação mecânica / IOT

death_2year	Ventilação mecânica / IOT		Total
	1	NA	
0	2627 (92%)	12384 (96%)	15011
1	222 (8%)	533 (4%)	755
Total	2849 (100%)	12917 (100%)	15766

Table 223: Contingency table between death 2year and Transplante cardíaco

death_2year	Transplante cardíaco			Total
	0	1	NA	
0	12344 (95%)	20 (95%)	2647 (97%)	15011
1	667 (5%)	1 (5%)	87 (3%)	755
Total	13011 (100%)	21 (100%)	2734 (100%)	15766