

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 <dtm>, date_procedure_2 <dtm>
```

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_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.581	0.0	68.9	110.6	17.773	15700	0
1	71.241	0.3	75.0	97.5	16.911	71	0
NA	60.926	0.0	68.8	101.3	26.956	262	0

Table 2: Número de comorbidades

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.251	0	1	8	1.352	15700	0
1	2.155	0	1	7	2.026	71	0
NA	1.813	0	2	7	1.475	262	0

Table 3: Ano do procedimento 1

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.586	1999	2010.0	2021	5.784	15700	0
1	2012.254	2003	2011.0	2021	5.983	71	0
NA	2010.718	2000	2010.5	2021	5.270	262	0

Table 4: Idade no Procedimento 1

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.581	0.0	68.9	110.6	17.773	15700	0
1	71.241	0.3	75.0	97.5	16.911	71	0
NA	60.926	0.0	68.8	101.3	26.956	262	0

Table 5: Ano do procedimento 2

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2013.087	1999	2013.0	2022	4.683	15700	10846
1	2016.500	2014	2016.5	2019	3.536	71	69
NA	2011.125	2002	2010.0	2021	6.188	262	238

Table 6: Idade no Procedimento 2

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.152	0.0	69.20	108.7	19.259	15700	10845
1	62.950	43.6	62.95	82.3	27.365	71	69
NA	59.792	18.9	61.25	93.5	21.016	262	238

Table 7: Ano do procedimento 3

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.319	1999	2015	2022	4.789	15700	14228
1	2019.000	2019	2019	2019	NA	71	70
NA	2012.857	2004	2013	2020	4.811	262	255

Table 8: Idade no Procedimento 3

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	62.037	0.4	66.0	101.1	20.755	15700	14228
1	43.700	43.7	43.7	43.7	NA	71	70
NA	64.229	25.1	63.4	93.5	23.328	262	255

Table 9: Ano do procedimento 4

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.456	2002	2015	2022	4.808	15700	15215
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 10: Idade no Procedimento 4

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	59.622	1.9	63.7	97.7	21.923	15700	15215
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 11: Ano do procedimento 5

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.229	2003	2014	2022	4.189	15700	15508
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 12: Idade no Procedimento 5

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	57.837	3.2	62.75	99.7	22.038	15700	15508
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 13: Ano do procedimento 6

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.732	2003	2015	2021	4.519	15700	15618
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 14: Idade no Procedimento 6

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.777	6.6	58.75	101.6	22.27	15700	15618
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 15: Ano do procedimento 7

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2015.656	2007	2016.5	2022	4.285	15700	15668
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 16: Idade no Procedimento 7

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	51.231	8.8	57.1	81.8	20.858	15700	15668
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 17: Ano do procedimento 8

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	15700	15688
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 18: Idade no Procedimento 8

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	1	1	0	15700	15688
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 19: Ano do procedimento 9

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	0	15700	15695
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 20: Idade no Procedimento 9

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	0	15700	15695
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 21: Ano do procedimento 10

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	15700	15699
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 22: Idade no Procedimento 10

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	15700	15699
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	73.350	0.0	83.70	197.1	40.138	15700	10845
1	0.250	0.2	0.25	0.3	0.071	71	69
NA	11.488	0.1	0.60	101.4	28.541	262	238

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.722	0.0	60.85	170.5	39.764	15700	14228
1	0.800	0.8	0.80	0.8	NA	71	70
NA	27.029	0.2	21.90	74.5	30.050	262	255

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.578	0	31.75	142.7	39.839	15700	15216
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	32.386	0	7.1	144.3	38.427	15700	15508
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	27.587	0	6	110.3	34.679	15700	15618
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	31.491	0	3.95	142.3	42.63	15700	15668
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.667	0	1	1	0.492	15700	15688
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	0	15700	15695
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1	1	TRUE	1	NA	15700	15699
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 32: Número de Mudanças do tipo de DCEI

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.086	0	0.0	3	0.296	15700	10848
1	0.500	0	0.5	1	0.707	71	69
NA	0.130	0	0.0	1	0.344	262	239

Table 33: Número de atendimentos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.381	1	2	51	2.227	15700	0
1	2.986	1	2	19	3.026	71	0
NA	1.950	1	1	12	1.640	262	0

Table 34: Número da Admissão T0 (admissão índice)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.431	1	1	32	1.108	15700	0
1	2.352	1	1	17	2.829	71	0
NA	1.908	1	1	12	1.628	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.868	0	0	50	1.699	15700	0
1	0.634	0	1	2	0.567	71	0
NA	0.031	0	0	3	0.289	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.537	-1	0	38	1.228	15700	0
1	1.451	0	1	16	2.797	71	0
NA	0.966	0	0	11	1.620	262	0

Table 37: Ano da admissão T0

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.579	1999	2010	2021	5.785	15700	20
1	2012.225	2003	2011	2021	5.984	71	0
NA	2010.691	2000	2010	2021	5.287	262	0

Table 38: Readmissão em até 30 dias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.036	0	0	1	0.186	15700	0
1	0.592	0	1	1	0.495	71	0
NA	0.000	0	0	0	0.000	262	0

Table 39: Readmissão entre 31 a 60 dias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.055	0	0	1	0.229	15700	0
1	0.592	0	1	1	0.495	71	0
NA	0.000	0	0	0	0.000	262	0

Table 40: Readmissão entre 61 a 180 dias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.093	0	0	1	0.290	15700	0
1	0.592	0	1	1	0.495	71	0
NA	0.000	0	0	0	0.000	262	0

Table 41: Readmissão em até 1 ano

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.126	0	0	1	0.332	15700	0
1	0.592	0	1	1	0.495	71	0
NA	0.000	0	0	0	0.000	262	0

Table 42: Tempo de seguimento total (anos)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	5.904	0	4.5	22.6	5.236	15700	0
1	0.077	0	0.1	0.2	0.059	71	0
NA	0.206	0	0.0	13.3	1.189	262	0

Table 43: Óbito hospitalar (intraoperatório ou admissao T0)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15700	0
1	0	0	0	0	0	71	0
NA	1	1	1	1	0	262	0

Table 44: Óbito durante algum episódio de readmissão hospitalar

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.080	0	0	1	0.272	15700	0
1	0.563	0	1	1	0.499	71	0
NA	0.015	0	0	1	0.123	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	15700	0
1	1	1	1	1	0	71	0
NA	NaN	NA	NA	NA	NA	262	262

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.016	0	0	1	0.127	15700	0
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	1	0.109	15700	259
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.016	0	0	1	0.124	15700	446
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	1	0.102	15700	683
1	NaN	NA	NA	NA	NA	71	71
NA	NaN	NA	NA	NA	NA	262	262

Table 50: Óbito (status final)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.157	0	0	1	0.364	15700	0
1	1.000	1	1	1	0.000	71	0
NA	0.042	0	0	1	0.201	262	0

Table 51: Tempo de sobrevida (anos)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.241	0	2.9	20.1	4.098	15700	14010
1	0.077	0	0.1	0.2	0.059	71	0
NA	0.206	0	0.0	13.3	1.189	262	0

Table 52: Diárias no serviço de Emergência na admissão T0

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.197	0	0	28	1.079	15700	0
1	0.380	0	0	13	1.668	71	0
NA	0.454	0	0	16	1.643	262	0

Table 53: Anticoagulantes orais

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.232	0	0	98.0	2.152	15700	0
1	0.528	0	0	14.5	2.353	71	0
NA	0.529	0	0	31.0	3.037	262	0

Table 54: Antiarrítmicos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.882	0	0	844	16.510	15700	0
1	13.810	0	0	173	35.684	71	0
NA	29.078	0	0	575	68.220	262	0

Table 55: Antihipertensivo

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.364	0	0	349	4.737	15700	0
1	1.535	0	0	51	7.523	71	0
NA	2.074	0	0	119	11.679	262	0

Table 56: Betabloqueador

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.859	0	0	388.00	7.223	15700	0
1	1.419	0	0	32.25	5.301	71	0
NA	2.023	0	0	81.00	8.594	262	0

Table 57: IECA/BRA

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.968	0	0	530	18.692	15700	0
1	15.887	0	0	169	37.468	71	0
NA	16.044	0	0	773	63.141	262	0

Table 58: DVA

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.032	0	0	1044	26.744	15700	0
1	15.901	0	0	348	52.964	71	0
NA	127.729	0	42	1917	228.546	262	0

Table 59: Digoxina

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.187	0	0	65.0	1.528	15700	0
1	0.430	0	0	28.0	3.326	71	0
NA	0.385	0	0	46.5	3.109	262	0

Table 60: Estatinas

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.962	0	0	421	14.382	15700	0
1	19.592	0	0	321	54.930	71	0
NA	12.229	0	0	364	34.369	262	0

Table 61: Diuretico

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.572	0	0	1290.0	39.222	15700	0
1	46.261	0	1	1010.5	141.963	71	0
NA	167.672	0	22	2966.0	340.901	262	0

Table 62: Vasodilator

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.966	0	0	2408.0	44.249	15700	0
1	38.275	0	0	566.0	106.490	71	0
NA	73.406	0	1	3820.5	278.936	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.527	0	0	453	15.005	15700	0
1	7.845	0	0	104	20.771	71	0
NA	12.681	0	0	234	35.066	262	0

Table 64: Antagonista da Aldosterona (espironolactona)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.607	0	0	204	7.015	15700	0
1	4.394	0	0	41	9.585	71	0
NA	7.389	0	0	255	22.161	262	0

Table 65: Bloqueador do canal de calcio

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.557	0	0	509	9.580	15700	0
1	2.155	0	0	153	18.158	71	0
NA	1.248	0	0	122	10.417	262	0

Table 66: Trombolitico

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.035	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.019	0	0	2	0.185	262	0

Table 67: Antiplaquetario VO

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.251	0	0	141	3.057	15700	0
1	2.225	0	0	66	10.919	71	0
NA	0.458	0	0	59	4.088	262	0

Table 68: Antiplaquetario EV

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	8	0.154	15700	0
1	0.028	0	0	1	0.167	71	0
NA	0.042	0	0	4	0.319	262	0

Table 69: Insulina

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.073	0	0	16	0.413	15700	0
1	0.380	0	0	7	1.113	71	0
NA	0.477	0	0	10	1.221	262	0

Table 70: Hipoglicemiante

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.287	0	0	90	2.574	15700	0
1	0.239	0	0	11	1.478	71	0
NA	0.011	0	0	3	0.185	262	0

Table 71: Hormonio tireoidiano

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.167	0	0	126.0	2.552	15700	0
1	0.479	0	0	18.0	2.585	71	0
NA	1.372	0	0	281.5	17.605	262	0

Table 72: Broncodilatador

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.098	0	0	80	1.526	15700	0
1	0.197	0	0	7	0.920	71	0
NA	0.561	0	0	42	3.220	262	0

Table 73: Anticonvulsivante

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.714	0	0	482	10.131	15700	0
1	2.662	0	0	100	15.616	71	0
NA	8.599	0	0	302	33.466	262	0

Table 74: Psicofármacos (Ansiolítico/ antidepresivo/ antipsicótico)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.859	0	0	387	11.104	15700	0
1	14.366	0	1	118	26.079	71	0
NA	21.466	0	3	573	53.520	262	0

Table 75: Antibióticos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	10.427	0	4.0	1812	52.940	15700	0
1	31.732	0	4.0	270	56.396	71	0
NA	96.176	0	34.5	898	147.352	262	0

Table 76: Antifúngicos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.214	0	0	122	2.820	15700	0
1	1.549	0	0	50	8.010	71	0
NA	8.660	0	0	102	19.235	262	0

Table 77: Antiviral

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.096	0	0	131	2.471	15700	0
1	0.056	0	0	4	0.475	71	0
NA	0.985	0	0	86	8.150	262	0

Table 78: Antiretroviral

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	32	0.396	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.004	0	0	1	0.062	262	0

Table 79: Quantidade de classes medicamentosas utilizadas

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.323	0	3	17	3.109	15700	0
1	4.887	0	5	13	4.139	71	0
NA	6.473	0	7	16	4.271	262	0

Table 80: Ventilação não invasiva

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.015	0	0	42	0.565	15700	0
1	0.127	0	0	8	0.955	71	0
NA	1.469	0	0	114	10.021	262	0

Table 81: Instalação de CEC

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.010	0	0	2	0.102	15700	0
1	0.014	0	0	1	0.119	71	0
NA	0.065	0	0	2	0.262	262	0

Table 82: Cirurgia Cardiovascular

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.046	0	0	9	0.332	15700	0
1	0.211	0	0	9	1.145	71	0
NA	0.210	0	0	7	0.801	262	0

Table 83: Transplante cardíaco

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	1	0.043	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.004	0	0	1	0.062	262	0

Table 84: Cirurgia Toracica

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	4	0.061	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.061	0	0	9	0.584	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.089	0	0	11	0.486	15700	0
1	0.183	0	0	5	0.780	71	0
NA	0.630	0	0	22	1.752	262	0

Table 86: Traqueostomia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	5	0.050	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.038	0	0	8	0.509	262	0

Table 87: Intervenção coronária percutânea

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	4	0.118	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.053	0	0	4	0.368	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	3	0.105	15700	0
1	0.042	0	0	2	0.264	71	0
NA	0.004	0	0	1	0.062	262	0

Table 89: Stent

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.000	0	0	0	0.000	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.004	0	0	1	0.062	262	0

Table 90: Angioplastia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.036	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.008	0	0	2	0.124	262	0

Table 91: Cateterismo

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.102	0	0	7	0.371	15700	0
1	0.197	0	0	3	0.551	71	0
NA	0.282	0	0	3	0.604	262	0

Table 92: Eletrofisiologia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.068	0	0	11	0.435	15700	0
1	0.099	0	0	2	0.419	71	0
NA	0.111	0	0	6	0.606	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.097	0	0	535	5.024	15700	0
1	0.000	0	0	0	0.000	71	0
NA	1.164	0	0	100	8.913	262	0

Table 94: Cateter venoso central

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.032	0	0	13	0.254	15700	0
1	0.183	0	0	3	0.543	71	0
NA	0.191	0	0	5	0.569	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	5	0.094	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.061	0	0	5	0.451	262	0

Table 96: Quantidade de procedimentos invasivos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.469	0	0	554	5.406	15700	0
1	0.930	0	0	14	2.422	71	0
NA	2.885	0	0	101	9.619	262	0

Table 97: Cardioversão/ Desfibrilação (sessão)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	5	0.108	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.031	0	0	3	0.289	262	0

Table 98: Transfusão de hemoderivados

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.024	0	0	34	0.465	15700	0
1	0.282	0	0	16	1.929	71	0
NA	1.183	0	0	61	5.835	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.296	0	0	199	2.630	15700	0
1	1.352	0	0	30	4.706	71	0
NA	3.561	0	0	115	14.225	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.462	0	0	365	11.691	15700	0
1	11.845	0	2	201	29.446	71	0
NA	28.916	0	8	420	56.300	262	0

Table 101: ECG

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.224	0	2	140	5.443	15700	0
1	6.972	0	4	51	9.209	71	0
NA	16.279	0	11	141	19.291	262	0

Table 102: Holter

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.086	0	0	5	0.322	15700	0
1	0.282	0	0	2	0.565	71	0
NA	0.218	0	0	3	0.549	262	0

Table 103: Teste de esforço

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	3	0.098	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.000	0	0	0	0.000	262	0

Table 104: Espirometria / Ergoespirometria

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	2	0.063	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.000	0	0	0	0.000	262	0

Table 105: Tilt Test

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.046	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.000	0	0	0	0.000	262	0

Table 106: Polissonografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.040	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.008	0	0	1	0.087	262	0

Table 107: Quantidade de exames por métodos gráficos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.326	0	2.0	140	5.577	15700	0
1	7.254	0	5.0	51	9.282	71	0
NA	16.504	0	11.5	143	19.360	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	48.966	0	7.0	3474	153.643	15700	0
1	200.831	0	45.0	1803	347.506	71	0
NA	553.580	0	355.5	3608	694.824	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.241	0	0	25	1.033	15700	0
1	1.352	0	0	16	2.991	71	0
NA	4.229	0	2	48	6.854	262	0

Table 110: Quantidade de exames de análises clínicas

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	49.207	0	7	3487	154.445	15700	0
1	202.183	0	45	1817	349.733	71	0
NA	557.809	0	357	3645	700.193	262	0

Table 111: Citologias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	5	0.091	15700	0
1	0.042	0	0	1	0.203	71	0
NA	0.191	0	0	8	0.794	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.014	0	0	10	0.251	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.031	0	0	3	0.230	262	0

Table 113: Quantidade de exames histopatológicos

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.019	0	0	10	0.274	15700	0
1	0.042	0	0	1	0.203	71	0
NA	0.221	0	0	8	0.824	262	0

Table 114: Angio RM

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.003	0	0	4	0.078	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.004	0	0	1	0.062	262	0

Table 115: Angio TC

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.028	0	0	6	0.210	15700	0
1	0.099	0	0	4	0.511	71	0
NA	0.156	0	0	9	0.734	262	0

Table 116: Angiografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.045	15700	0
1	0.028	0	0	1	0.167	71	0
NA	0.000	0	0	0	0.000	262	0

Table 117: Aortografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.047	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.008	0	0	1	0.087	262	0

Table 118: Arteriografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.025	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.004	0	0	1	0.062	262	0

Table 119: Cavografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	1	0.076	15700	0
1	0.014	0	0	1	0.119	71	0
NA	0.027	0	0	1	0.162	262	0

Table 120: Cintilografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.054	0	0	5	0.323	15700	0
1	0.169	0	0	3	0.585	71	0
NA	0.111	0	0	2	0.410	262	0

Table 121: Ecocardiograma

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.446	0	0	24	1.141	15700	0
1	1.155	0	1	13	1.880	71	0
NA	2.542	0	2	24	3.176	262	0

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

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.013	0	0	6	0.158	15700	0
1	0.014	0	0	1	0.119	71	0
NA	0.206	0	0	3	0.536	262	0

Table 123: Flebografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.029	0	0	5	0.261	15700	0
1	0.085	0	0	2	0.405	71	0
NA	0.069	0	0	4	0.405	262	0

Table 124: PET-CT

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	3	0.069	15700	0
1	0.014	0	0	1	0.119	71	0
NA	0.034	0	0	2	0.202	262	0

Table 125: Ultrassom

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.143	0	0	14	0.711	15700	0
1	0.634	0	0	14	1.884	71	0
NA	1.550	0	0	28	3.207	262	0

Table 126: Tomografia

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.130	0	0	15	0.606	15700	0
1	0.535	0	0	7	1.274	71	0
NA	1.080	0	0	15	1.957	262	0

Table 127: Radiografias

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.444	0	1	192	6.484	15700	0
1	8.690	0	3	119	17.661	71	0
NA	23.924	0	14	261	33.109	262	0

Table 128: Ressonancia magnetica

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.060	0	0	6	0.282	15700	0
1	0.127	0	0	1	0.335	71	0
NA	0.050	0	0	2	0.235	262	0

Table 129: Quantidade de exames diagnóstico por imagem

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.364	0	1	232	8.201	15700	0
1	11.563	0	4	141	20.779	71	0
NA	29.763	0	20	281	38.342	262	0

Table 130: Dieta enteral (frasco)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.026	0	0	115	1.499	15700	0
1	0.282	0	0	20	2.374	71	0
NA	1.557	0	0	195	14.522	262	0

Table 131: Dieta parenteral (frasco)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	5	0.054	15700	0
1	0.000	0	0	0	0.000	71	0
NA	0.069	0	0	14	0.899	262	0

Table 132: Bomba de infusão contínua (horas)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.707	0	0	1527	20.086	15700	0
1	6.099	0	0	358	42.783	71	0
NA	11.275	0	0	620	62.004	262	0

Table 133: Marca-passo temporário (por hora)

death_30days	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.124	0	0	180	2.666	15700	0
1	0.014	0	0	1	0.119	71	0
NA	0.943	0	0	126	9.519	262	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()
```

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

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

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



```

.$field.label

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

if (column %in% transpose_columns){

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

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

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

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

} else {

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

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

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

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

}

print(t)

```

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

Table 134: Contingency table between death 30days and Sexo

death_30days	Sexo		Total
	0	1	
X0	7424 (98%)	8276 (98%)	15700
X1	26 (0%)	45 (1%)	71
NA.	116 (2%)	146 (2%)	262
Total	7566 (100%)	8467 (100%)	16033

Table 135: Contingency table between death 30days and Doença cardíaca

death_30days	Doença cardíaca				Total
	0	1	2	NA	
X0	9130 (98%)	1133 (97%)	3444 (97%)	1993 (98%)	15700
X1	27 (0%)	11 (1%)	21 (1%)	12 (1%)	71
NA.	129 (1%)	29 (2%)	70 (2%)	34 (2%)	262
Total	9286 (100%)	1173 (100%)	3535 (100%)	2039 (100%)	16033

Table 136: Contingency table between death 30days and Hipertensão arterial

death_30days	Hipertensão arterial		Total
	0	1	
X0	11890 (98%)	3810 (98%)	15700
X1	43 (0%)	28 (1%)	71
NA.	211 (2%)	51 (1%)	262
Total	12144 (100%)	3889 (100%)	16033

Table 137: Contingency table between death 30days and Infarto do miocárdio prévio / Doença arterial coronariana

death_30days	Infarto do miocárdio prévio / Doença arterial coronariana		Total
	0	1	
X0	14267 (98%)	1433 (97%)	15700
X1	58 (0%)	13 (1%)	71
NA.	227 (2%)	35 (2%)	262
Total	14552 (100%)	1481 (100%)	16033

Table 138: Contingency table between death 30days and Insuficiência cardíaca

death_30days	Insuficiência cardíaca		Total
	0	1	
X0	10091 (99%)	5609 (96%)	15700
X1	33 (0%)	38 (1%)	71
NA.	83 (1%)	179 (3%)	262
Total	10207 (100%)	5826 (100%)	16033

Table 139: Contingency table between death 30days and Fibrilação / flutter atrial

death_30days	Fibrilação / flutter atrial		Total
	0	1	
X0	13333 (98%)	2367 (98%)	15700
X1	54 (0%)	17 (1%)	71
NA.	228 (2%)	34 (1%)	262
Total	13615 (100%)	2418 (100%)	16033

Table 140: Contingency table between death 30days and Parada cardíaca prévia/ Taquicardia ventricular instável

death_30days	Parada cardíaca prévia/ Taquicardia ventricular instável		Total
	0	1	
X0	13814 (98%)	1886 (98%)	15700
X1	63 (0%)	8 (0%)	71
NA.	233 (2%)	29 (2%)	262
Total	14110 (100%)	1923 (100%)	16033

Table 141: Contingency table between death 30days and Transplante cardíaco prévio

death_30days	Transplante cardíaco prévio		Total
	0	1	
X0	15658 (98%)	42 (98%)	15700
X1	71 (0%)	0 (0%)	71
NA.	261 (2%)	1 (2%)	262
Total	15990 (100%)	43 (100%)	16033

Table 142: Contingency table between death 30days and Valvopatias/ Prótese valvares

death_30days	Valvopatias/ Prótese valvares		Total
	0	1	
X0	14656 (98%)	1044 (97%)	15700
X1	60 (0%)	11 (1%)	71
NA.	240 (2%)	22 (2%)	262
Total	14956 (100%)	1077 (100%)	16033

Table 143: Contingency table between death 30days and Endocardite prévia

death_30days	Endocardite prévia		Total
	0	1	
X0	15568 (98%)	132 (96%)	15700
X1	70 (0%)	1 (1%)	71
NA.	257 (2%)	5 (4%)	262
Total	15895 (100%)	138 (100%)	16033

Table 144: Contingency table between death 30days and Diabetes mellitus

death_30days	Diabetes mellitus		Total
	0	1	
X0	13840 (98%)	1860 (96%)	15700
X1	53 (0%)	18 (1%)	71
NA.	193 (1%)	69 (4%)	262
Total	14086 (100%)	1947 (100%)	16033

Table 145: Contingency table between death 30days and Insuficiência renal crônica

death_30days	Insuficiência renal crônica		Total
	0	1	
X0	15089 (98%)	611 (93%)	15700
X1	59 (0%)	12 (2%)	71
NA.	231 (2%)	31 (5%)	262
Total	15379 (100%)	654 (100%)	16033

Table 146: Contingency table between death 30days and Hemodiálise

death_30days	Hemodiálise		Total
	0	1	
X0	15682 (98%)	18 (82%)	15700
X1	70 (0%)	1 (5%)	71
NA.	259 (2%)	3 (14%)	262
Total	16011 (100%)	22 (100%)	16033

Table 147: Contingency table between death 30days and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

death_30days	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios		Total
	0	1	
X0	15203 (98%)	497 (98%)	15700
X1	68 (0%)	3 (1%)	71
NA.	254 (2%)	8 (2%)	262
Total	15525 (100%)	508 (100%)	16033

Table 148: Contingency table between death 30days and Doença pulmonar obstrutiva crônica

death_30days	Doença pulmonar obstrutiva crônica		Total
	0	1	
X0	15488 (98%)	212 (97%)	15700
X1	70 (0%)	1 (0%)	71
NA.	256 (2%)	6 (3%)	262
Total	15814 (100%)	219 (100%)	16033

Table 149: Contingency table between death 30days and Neoplasia em tratamento ou tratada recentemente (12 meses)

death_30days	Neoplasia em tratamento ou tratada recentemente (12 meses)		Total
	0	1	
X0	15588 (98%)	112 (97%)	15700
X1	69 (0%)	2 (2%)	71
NA.	260 (2%)	2 (2%)	262
Total	15917 (100%)	116 (100%)	16033

Table 150: Contingency table between death 30days and Tipo de Procedimento 1

death_30days	Tipo de Procedimento 1		Total
	1	2	
X0	10848 (97%)	4852 (99%)	15700
X1	61 (1%)	10 (0%)	71
NA.	220 (2%)	42 (1%)	262
Total	11129 (100%)	4904 (100%)	16033

Table 151: Contingency table between death 30days and Tipo de Reoperação 1

death_30days	Tipo de Reoperação 1				Total
	1	2	3	NA	
X0	3907 (99%)	912 (97%)	33 (97%)	10848 (97%)	15700
X1	6 (0%)	4 (0%)	0 (0%)	61 (1%)	71
NA.	16 (0%)	25 (3%)	1 (3%)	220 (2%)	262
Total	3929 (100%)	941 (100%)	34 (100%)	11129 (100%)	16033

Table 152: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 1

death_30days	Tipo de Dispositivo ao final do procedimento 1				Total
	1	2	3	4	
X0	12255 (98%)	1763 (98%)	1242 (96%)	440 (96%)	15700
X1	43 (0%)	11 (1%)	12 (1%)	5 (1%)	71
NA.	182 (1%)	21 (1%)	44 (3%)	15 (3%)	262
Total	12480 (100%)	1795 (100%)	1298 (100%)	460 (100%)	16033

Table 153: Contingency table between death 30days and Óbito intraoperatório 1

death_30days	Óbito intraoperatório 1		Total
	0	1	
X0	15700 (98%)	0 (0%)	15700
X1	71 (0%)	0 (0%)	71
NA.	255 (2%)	7 (100%)	262
Total	16026 (100%)	7 (100%)	16033

Table 154: Contingency table between death 30days and Tipo de Reoperação 2

death_30days	Tipo de Reoperação 2				Total
	1	2	3	NA	
X0	3259 (100%)	1467 (98%)	121 (100%)	10853 (97%)	15700
X1	0 (0%)	2 (0%)	0 (0%)	69 (1%)	71
NA.	3 (0%)	21 (1%)	0 (0%)	238 (2%)	262
Total	3262 (100%)	1490 (100%)	121 (100%)	11160 (100%)	16033

Table 155: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 2

death_30days	Tipo de Dispositivo ao final do procedimento 2					Total
	1	2	3	4	NA	
X0	3622 (100%)	637 (99%)	386 (99%)	203 (100%)	10852 (97%)	15700
X1	1 (0%)	1 (0%)	0 (0%)	0 (0%)	69 (1%)	71
NA.	15 (0%)	6 (1%)	2 (1%)	0 (0%)	239 (2%)	262
Total	3638 (100%)	644 (100%)	388 (100%)	203 (100%)	11160 (100%)	16033

Table 156: Contingency table between death 30days and Óbito intraoperatório 2

death_30days	Óbito intraoperatório 2		Total
	0	NA	
X0	4854 (99%)	10846 (97%)	15700
X1	2 (0%)	69 (1%)	71
NA.	24 (0%)	238 (2%)	262
Total	4880 (100%)	11153 (100%)	16033

Table 157: Contingency table between death 30days and Tipo de Reoperação 3

death_30days	Tipo de Reoperação 3				Total
	1	2	3	NA	
X0	722 (100%)	572 (99%)	61 (98%)	14345 (98%)	15700
X1	0 (0%)	1 (0%)	0 (0%)	70 (0%)	71
NA.	1 (0%)	5 (1%)	1 (2%)	255 (2%)	262
Total	723 (100%)	578 (100%)	62 (100%)	14670 (100%)	16033

Table 158: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 3

death_30days	Tipo de Dispositivo ao final do procedimento 3					Total
	1	2	3	4	NA	
X0	965 (100%)	248 (98%)	159 (99%)	99 (100%)	14229 (98%)	15700
X1	1 (0%)	0 (0%)	0 (0%)	0 (0%)	70 (0%)	71
NA.	2 (0%)	4 (2%)	1 (1%)	0 (0%)	255 (2%)	262
Total	968 (100%)	252 (100%)	160 (100%)	99 (100%)	14554 (100%)	16033

Table 159: Contingency table between death 30days and Óbito intraoperatório 3

death_30days	Óbito intraoperatório 3			Total
	0	1	NA	
X0	1472 (100%)	0 (0%)	14228 (98%)	15700
X1	1 (0%)	0 (0%)	70 (0%)	71
NA.	3 (0%)	4 (100%)	255 (2%)	262
Total	1476 (100%)	4 (100%)	14553 (100%)	16033

Table 160: Contingency table between death 30days and Tipo de Reoperação 4

death_30days	Tipo de Reoperação 4				Total
	1	2	3	NA	
X0	191 (100%)	252 (100%)	33 (100%)	15224 (98%)	15700
X1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	0 (0%)	262 (2%)	262
Total	191 (100%)	252 (100%)	33 (100%)	15557 (100%)	16033

Table 161: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 4

death_30days	Tipo de Dispositivo ao final do procedimento 4					Total
	1	2	3	4	NA	
X0	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15215 (98%)	15700
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	262 (2%)	262
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15548 (100%)	16033

Table 162: Contingency table between death 30days and Óbito intraoperatório 4

death_30days	Óbito intraoperatório 4		Total
	0	NA	
X0	485 (100%)	15215 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	485 (100%)	15548 (100%)	16033

Table 163: Contingency table between death 30days and Tipo de Reoperação 5

death_30days	Tipo de Reoperação 5				Total
	1	2	3	NA	
X0	71 (100%)	106 (100%)	14 (100%)	15509 (98%)	15700
X1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	0 (0%)	262 (2%)	262
Total	71 (100%)	106 (100%)	14 (100%)	15842 (100%)	16033

Table 164: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 5

death_30days	Tipo de Dispositivo ao final do procedimento 5					Total
	1	2	3	4	NA	
X0	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15509 (98%)	15700
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	262 (2%)	262
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15842 (100%)	16033

Table 165: Contingency table between death 30days and Óbito intraoperatório 5

death_30days	Óbito intraoperatório 5		Total
	0	NA	
X0	192 (100%)	15508 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	192 (100%)	15841 (100%)	16033

Table 166: Contingency table between death 30days and Tipo de Reoperação 6

death_30days	Tipo de Reoperação 6				Total
	1	2	3	NA	
X0	26 (100%)	47 (100%)	6 (100%)	15621 (98%)	15700
X1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	0 (0%)	262 (2%)	262
Total	26 (100%)	47 (100%)	6 (100%)	15954 (100%)	16033

Table 167: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 6

death_30days	Tipo de Dispositivo ao final do procedimento 6					Total
	1	2	3	4	NA	
X0	40 (100%)	25 (100%)	8 (100%)	9 (100%)	15618 (98%)	15700
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	262 (2%)	262
Total	40 (100%)	25 (100%)	8 (100%)	9 (100%)	15951 (100%)	16033

Table 168: Contingency table between death 30days and Óbito intraoperatório 6

death_30days	Óbito intraoperatório 6		Total
	0	NA	
X0	82 (100%)	15618 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	82 (100%)	15951 (100%)	16033

Table 169: Contingency table between death 30days and Tipo de Reoperação 7

death_30days	Tipo de Reoperação 7				Total
	1	2	3	NA	
X0	10 (100%)	18 (100%)	4 (100%)	15668 (98%)	15700
X1	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	0 (0%)	262 (2%)	262
Total	10 (100%)	18 (100%)	4 (100%)	16001 (100%)	16033

Table 170: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 7

death_30days	Tipo de Dispositivo ao final do procedimento 7					Total
	1	2	3	4	NA	
X0	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15669 (98%)	15700
X1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	0 (0%)	0 (0%)	262 (2%)	262
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	16002 (100%)	16033

Table 171: Contingency table between death 30days and Óbito intraoperatório 7

death_30days	Óbito intraoperatório 7		Total
	0	NA	
X0	32 (100%)	15668 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	32 (100%)	16001 (100%)	16033

Table 172: Contingency table between death 30days and Tipo de Reoperação 8

death_30days	Tipo de Reoperação 8		Total
	TRUE	NA	
X0	12 (100%)	15688 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	12 (100%)	16021 (100%)	16033

Table 173: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 8

death_30days	Tipo de Dispositivo ao final do procedimento 8		Total
	TRUE	NA	
X0	12 (100%)	15688 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	12 (100%)	16021 (100%)	16033

Table 174: Contingency table between death 30days and Óbito intraoperatório 8

death_30days	Óbito intraoperatório 8		Total
	FALSE	NA	
X0	12 (100%)	15688 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	12 (100%)	16021 (100%)	16033

Table 175: Contingency table between death 30days and Tipo de Reoperação 9

death_30days	Tipo de Reoperação 9		Total
	TRUE	NA	
X0	5 (100%)	15695 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	5 (100%)	16028 (100%)	16033

Table 176: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 9

death_30days	Tipo de Dispositivo ao final do procedimento 9		Total
	TRUE	NA	
X0	5 (100%)	15695 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	5 (100%)	16028 (100%)	16033

Table 177: Contingency table between death 30days and Óbito intraoperatório 9

death_30days	Óbito intraoperatório 9		Total
	FALSE	NA	
X0	5 (100%)	15695 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	5 (100%)	16028 (100%)	16033

Table 178: Contingency table between death 30days and Tipo de Reoperação 10

death_30days	Tipo de Reoperação 10		Total
	TRUE	NA	
X0	1 (100%)	15699 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	1 (100%)	16032 (100%)	16033

Table 179: Contingency table between death 30days and Tipo de Dispositivo ao final do procedimento 10

death_30days	Tipo de Dispositivo ao final do procedimento 10		Total
	TRUE	NA	
X0	1 (100%)	15699 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	1 (100%)	16032 (100%)	16033

Table 180: Contingency table between death 30days and Óbito intraoperatório 10

death_30days	Óbito intraoperatório 10		Total
	FALSE	NA	
X0	1 (100%)	15699 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	1 (100%)	16032 (100%)	16033

Table 181: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2

death_30days	Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2			Total
	0	1	NA	
X0	4571 (100%)	277 (99%)	10852 (97%)	15700
X1	2 (0%)	0 (0%)	69 (1%)	71
NA.	20 (0%)	3 (1%)	239 (2%)	262
Total	4593 (100%)	280 (100%)	11160 (100%)	16033

Table 182: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3

death_30days	Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3			Total
	0	1	NA	
X0	1378 (99%)	93 (99%)	14229 (98%)	15700
X1	0 (0%)	1 (1%)	70 (0%)	71
NA.	7 (1%)	0 (0%)	255 (2%)	262
Total	1385 (100%)	94 (100%)	14554 (100%)	16033

Table 183: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4

death_30days	Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4			Total
	0	1	NA	
X0	457 (100%)	28 (100%)	15215 (98%)	15700
X1	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	262 (2%)	262
Total	457 (100%)	28 (100%)	15548 (100%)	16033

Table 184: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5

death_30days	Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5			Total
	0	1	NA	
X0	182 (100%)	9 (100%)	15509 (98%)	15700
X1	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	262 (2%)	262
Total	182 (100%)	9 (100%)	15842 (100%)	16033

Table 185: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6

death_30days	Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6			Total
	0	1	NA	
X0	75 (100%)	7 (100%)	15618 (98%)	15700
X1	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	262 (2%)	262
Total	75 (100%)	7 (100%)	15951 (100%)	16033

Table 186: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7

death_30days	Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7			Total
	0	1	NA	
X0	28 (100%)	3 (100%)	15669 (98%)	15700
X1	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	262 (2%)	262
Total	28 (100%)	3 (100%)	16002 (100%)	16033

Table 187: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8

death_30days	Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8			Total
	FALSE	TRUE	NA	
X0	11 (100%)	1 (100%)	15688 (98%)	15700
X1	0 (0%)	0 (0%)	71 (0%)	71
NA.	0 (0%)	0 (0%)	262 (2%)	262
Total	11 (100%)	1 (100%)	16021 (100%)	16033

Table 188: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9

death_30days	Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9		Total
	FALSE	NA	
X0	5 (100%)	15695 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	5 (100%)	16028 (100%)	16033

Table 189: Contingency table between death 30days and Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10

death_30days	Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10		Total
	FALSE	NA	
X0	1 (100%)	15699 (98%)	15700
X1	0 (0%)	71 (0%)	71
NA.	0 (0%)	262 (2%)	262
Total	1 (100%)	16032 (100%)	16033

Table 190: Contingency table between death 30days and Diálise durante os episódios de hospitalização

death_30days	Diálise durante os episódios de hospitalização		Total
	0	1	
X0	15654 (98%)	46 (73%)	15700
X1	71 (0%)	0 (0%)	71
NA.	245 (2%)	17 (27%)	262
Total	15970 (100%)	63 (100%)	16033

Table 191: Contingency table between death 30days and UTI durante os episódios de hospitalização

death_30days	UTI durante os episódios de hospitalização		Total
	0	1	
X0	12507 (99%)	3193 (94%)	15700
X1	45 (0%)	26 (1%)	71
NA.	69 (1%)	193 (6%)	262
Total	12621 (100%)	3412 (100%)	16033

Table 192: Contingency table between death 30days and Admissão em até 180 dias antes da T0

death_30days	Admissão em até 180 dias antes da T0		Total
	0	1	
X0	14642 (98%)	1058 (95%)	15700
X1	57 (0%)	14 (1%)	71
NA.	217 (1%)	45 (4%)	262
Total	14916 (100%)	1117 (100%)	16033

Table 193: Contingency table between death 30days and Readmissões pós-T0 com diálise

death_30days	Readmissões pós-T0 com diálise				Total
	0	1	2	3	
X0	15678 (98%)	19 (100%)	2 (100%)	1 (100%)	15700
X1	71 (0%)	0 (0%)	0 (0%)	0 (0%)	71
NA.	262 (2%)	0 (0%)	0 (0%)	0 (0%)	262
Total	16011 (100%)	19 (100%)	2 (100%)	1 (100%)	16033

Table 194: Contingency table between death 30days and Desfecho principal da admissão T0

death_30days	Desfecho principal da admissão T0		Total
	0	1	
X0	15700 (100%)	0 (0%)	15700
X1	71 (0%)	0 (0%)	71
NA.	4 (0%)	258 (100%)	262
Total	15775 (100%)	258 (100%)	16033

Table 195: Contingency table between death 30days and Desfecho final do estudo

death_30days	Desfecho final do estudo			Total
	1	2	3	
X0	2466 (88%)	7737 (100%)	5497 (100%)	15700
X1	71 (3%)	0 (0%)	0 (0%)	71
NA.	262 (9%)	0 (0%)	0 (0%)	262
Total	2799 (100%)	7737 (100%)	5497 (100%)	16033

Table 196: Contingency table between death 30days and Óbito intraoperatório

death_30days	Óbito intraoperatório		Total
	0	1	
X0	15700 (98%)	0 (0%)	15700
X1	71 (0%)	0 (0%)	71
NA.	251 (2%)	11 (100%)	262
Total	16022 (100%)	11 (100%)	16033

Table 197: Contingency table between death 30days and Ventilação mecânica / IOT

death_30days	Ventilação mecânica / IOT		Total
	0	1	
X0	12852 (99%)	2848 (95%)	15700
X1	50 (0%)	21 (1%)	71
NA.	126 (1%)	136 (5%)	262
Total	13028 (100%)	3005 (100%)	16033