

Tables - death_3year

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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_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.468	0	68.9	110.6	17.783	14853	0
1	67.923	0	70.7	98.9	17.462	913	0

Table 2: Número de comorbidades

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.215	0	1	8	1.321	14853	0
1	1.848	0	1	7	1.674	913	0

Table 3: Número de procedimentos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.475	1	1	10	0.857	14853	0
1	1.110	1	1	4	0.388	913	0

Table 4: Ano do procedimento 1

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.568	1999	2010	2021	5.820	14853	0
1	2010.927	2000	2011	2021	5.202	913	0

Table 5: Idade no Procedimento 1

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.468	0	68.9	110.6	17.783	14853	0
1	67.923	0	70.7	98.9	17.462	913	0

Table 6: Ano do procedimento 2

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2013.127	1999	2013	2022	4.661	14853	10069
1	2010.610	2001	2011	2021	5.361	913	836

Table 7: Idade no Procedimento 2

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	65.228	0.0	69.2	108.7	19.192	14853	10069
1	59.506	1.8	65.3	93.1	22.563	913	835

Table 8: Ano do procedimento 3

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.343	1999	2015	2022	4.769	14853	13396
1	2012.700	2003	2014	2021	5.555	913	893

Table 9: Idade no Procedimento 3

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	61.935	0.4	65.9	101.1	20.831	14853	13396
1	67.065	43.7	70.2	88.2	12.668	913	893

Table 10: Ano do procedimento 4

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.46	2002	2015.0	2022	4.815	14853	14370
1	2014.50	2013	2014.5	2016	2.121	913	911

Table 11: Idade no Procedimento 4

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	59.57	1.9	63.70	97.7	21.944	14853	14370
1	72.85	65.3	72.85	80.4	10.677	913	911

Table 12: Ano do procedimento 5

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.234	2003	2014	2022	4.19	14853	14661
1	NaN	NA	NA	NA	NA	913	913

Table 13: Idade no Procedimento 5

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	57.845	3.2	62.75	99.7	22.035	14853	14661
1	NaN	NA	NA	NA	NA	913	913

Table 14: Ano do procedimento 6

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.728	2003	2015	2021	4.547	14853	14772
1	NaN	NA	NA	NA	NA	913	913

Table 15: Idade no Procedimento 6

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.865	6.6	58.8	101.6	22.394	14853	14772
1	NaN	NA	NA	NA	NA	913	913

Table 16: Ano do procedimento 7

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2015.656	2007	2016.5	2022	4.285	14853	14821
1	NaN	NA	NA	NA	NA	913	913

Table 17: Idade no Procedimento 7

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	51.231	8.8	57.1	81.8	20.858	14853	14821
1	NaN	NA	NA	NA	NA	913	913

Table 18: Ano do procedimento 8

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.917	2008	2015.5	2020	3.942	14853	14841
1	NaN	NA	NA	NA	NA	913	913

Table 19: Idade no Procedimento 8

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	52.283	14.3	52.9	81.8	23.027	14853	14841
1	NaN	NA	NA	NA	NA	913	913

Table 20: Ano do procedimento 9

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2014.8	2009	2016	2022	5.07	14853	14848
1	NaN	NA	NA	NA	NA	913	913

Table 21: Idade no Procedimento 9

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.86	15	36.6	82.2	26.06	14853	14848
1	NaN	NA	NA	NA	NA	913	913

Table 22: Ano do procedimento 10

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2019	2019	2019	2019	NA	14853	14852
1	NaN	NA	NA	NA	NA	913	913

Table 23: Idade no Procedimento 10

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.7	39.7	39.7	39.7	NA	14853	14852
1	NaN	NA	NA	NA	NA	913	913

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	74.372	0.0	84.7	197.1	39.580	14853	10069
1	8.162	0.1	5.0	33.6	9.347	913	835

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	56.401	0.0	61.60	170.5	39.502	14853	13396
1	2.075	0.3	1.35	6.9	2.021	913	893

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.745	0.0	32.0	142.7	39.843	14853	14371
1	5.800	3.7	5.8	7.9	2.970	913	911

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	32.376	0	7.1	144.3	38.429	14853	14661
1	NaN	NA	NA	NA	NA	913	913

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	27.699	0	5.8	110.3	34.88	14853	14772
1	NaN	NA	NA	NA	NA	913	913

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	31.491	0	3.95	142.3	42.63	14853	14821
1	NaN	NA	NA	NA	NA	913	913

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	19.983	0.2	2.6	80.9	28.743	14853	14841
1	NaN	NA	NA	NA	NA	913	913

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	21.72	4.8	8.7	63.2	24.892	14853	14848
1	NaN	NA	NA	NA	NA	913	913

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	36.8	36.8	36.8	36.8	NA	14853	14852
1	NaN	NA	NA	NA	NA	913	913

Table 33: Número de Mudanças do tipo de DCEI

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.085	0	0	3	0.294	14853	10071
1	0.208	0	0	1	0.408	913	836

Table 34: Número de atendimentos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.303	1	2	51	2.164	14853	0
1	3.641	1	3	20	2.731	913	0

Table 35: Número da Admissão T0 (admissão índice)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.393	1	1	32	1.033	14853	0
1	2.111	1	1	17	1.974	913	0

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.823	0	0	50	1.687	14853	0
1	1.526	0	1	12	1.537	913	0

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.504	0	0	38	1.171	14853	0
1	1.140	0	0	16	1.967	913	0

Table 38: Ano da admissão T0

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2010.562	1999	2010	2021	5.822	14853	18
1	2010.907	1999	2011	2021	5.198	913	2

Table 39: UTI durante a admissão T0

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.502	0	0	191.95	6.290	14853	0
1	3.924	0	0	188.00	11.498	913	0

Table 40: Diálise durante a admissão T0

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	28	0.293	14853	0
1	0.094	0	0	25	1.270	913	0

Table 41: Tempo de seguimento total (anos)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	6.175	0	4.8	22.6	5.253	14853	0
1	1.068	0	0.8	3.0	0.859	913	0

Table 42: Tempo de sobrevida (anos)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.315	0	6.6	20.1	3.727	14853	14001
1	1.068	0	0.8	3.0	0.859	913	0

Table 43: Diárias no serviço de Emergência na admissão T0

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.306	0	0	28	1.321	14853	5635
1	0.451	0	0	27	1.767	913	294

Table 44: Anticoagulantes orais

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.266	0	0	98.0	2.286	14853	3340
1	0.767	0	0	80.5	4.013	913	143

Table 45: Antiarrítmicos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.214	0	0	445	15.974	14853	3340
1	11.212	0	0	844	41.237	913	143

Table 46: Antihipertensivo

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.423	0	0	160	4.138	14853	3340
1	1.139	0	0	349	14.193	913	143

Table 47: Betabloqueador

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.077	0	0	388	8.195	14853	3340
1	1.266	0	0	68	5.947	913	143

Table 48: IECA/BRA

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	8.332	0	2	530	18.748	14853	3340
1	17.090	0	4	393	38.338	913	143

Table 49: DVA

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.650	0	0	1044	28.675	14853	3340
1	11.082	0	0	348	33.526	913	143

Table 50: Digoxina

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.201	0	0	50	1.475	14853	3340
1	0.715	0	0	39	3.167	913	143

Table 51: Estatinas

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.716	0	0	421	15.233	14853	3340
1	11.260	0	0	321	29.357	913	143

Table 52: Diuretico

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.630	0	0	1290.0	42.647	14853	3340
1	21.134	0	3	1010.5	68.966	913	143

Table 53: Vasodilator

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.712	0	0	2408.0	46.374	14853	3340
1	28.026	0	0	754.5	86.112	913	143

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.002	0	0	453.0	15.337	14853	3340
1	11.445	0	0	354.5	27.783	913	143

Table 55: Antagonista da Aldosterona (espironolactona)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.830	0	0	204	7.345	14853	3340
1	5.144	0	0	141	11.983	913	143

Table 56: Bloqueador do canal de calcio

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.573	0	0	509	9.004	14853	3340
1	1.256	0	0	370	16.002	913	143

Table 57: Trombolitico

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.041	14853	3340
1	0.000	0	0	0	0.000	913	143

Table 58: Antiplaquetario VO

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	14853	3340
1	0	0	0	0	0	913	143

Table 59: Antiplaquetario EV

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.010	0	0	8	0.172	14853	3340
1	0.023	0	0	3	0.209	913	143

Table 60: Insulina

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.089	0	0	16	0.456	14853	3340
1	0.186	0	0	7	0.646	913	143

Table 61: Hipoglicemiante

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.357	0	0	90	2.858	14853	3340
1	0.394	0	0	39	2.607	913	143

Table 62: Hormonio tireoidiano

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	14853	3340
1	0	0	0	0	0	913	143

Table 63: Broncodilador

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	14853	3340
1	0	0	0	0	0	913	143

Table 64: Anticonvulsivante

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.821	0	0	334	10.093	14853	3340
1	1.755	0	0	390	16.415	913	143

Table 65: Psicofármacos (Ansiolítico/ antidepressivo/ antipsicótico)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.423	0	0	387	11.968	14853	3340
1	7.493	0	1	132	17.501	913	143

Table 66: Antibióticos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	12.724	0	4	1812	58.716	14853	3340
1	23.047	0	4	1137	69.588	913	143

Table 67: Antifúngicos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.267	0	0	122	3.198	14853	3340
1	0.460	0	0	50	3.691	913	143

Table 68: Antiviral

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.107	0	0	131	2.564	14853	3340
1	0.051	0	0	14	0.717	913	143

Table 69: Antiretroviral

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	32	0.462	14853	3340
1	0.000	0	0	0	0.000	913	143

Table 70: Quantidade de classes medicamentosas utilizadas

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	4.626	1	4	17	2.488	14853	4717
1	6.538	1	6	15	2.685	913	238

Table 71: Ventilação não invasiva

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.019	0	0	42	0.638	14853	2627
1	0.021	0	0	8	0.361	913	107

Table 72: Instalação de CEC

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	2	0.109	14853	2627
1	0.014	0	0	1	0.116	913	107

Table 73: Cirurgia Cardiovascular

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.054	0	0	9	0.358	14853	2627
1	0.089	0	0	9	0.561	913	107

Table 74: Cirurgia Toracica

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	4	0.064	14853	2627
1	0.006	0	0	2	0.106	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.102	0	0	11	0.519	14853	2627
1	0.169	0	0	6	0.653	913	107

Table 76: Traqueostomia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	5	0.056	14853	2627
1	0.001	0	0	1	0.035	913	107

Table 77: Intervenção coronária percutânea

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.010	0	0	4	0.121	14853	2627
1	0.027	0	0	3	0.227	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	3	0.117	14853	2627
1	0.009	0	0	2	0.105	913	107

Table 79: Stent

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0	0	0	0	0	14853	2627
1	0	0	0	0	0	913	107

Table 80: Angioplastia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.037	14853	2627
1	0.004	0	0	1	0.061	913	107

Table 81: Cateterismo

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.118	0	0	7	0.394	14853	2627
1	0.192	0	0	5	0.515	913	107

Table 82: Eletrofisiologia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.079	0	0	11	0.463	14853	2627
1	0.124	0	0	7	0.620	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.086	0	0	535	5.296	14853	2627
1	0.408	0	0	177	7.714	913	107

Table 84: Cateter venoso central

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.026	0	0	4	0.192	14853	2627
1	0.062	0	0	4	0.332	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	6	0.101	14853	2627
1	0.009	0	0	4	0.161	913	107

Table 86: Quantidade de procedimentos invasivos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.505	0	0	554	5.661	14853	2627
1	1.115	0	0	197	8.456	913	107

Table 87: Cardioversão/ Desfibrilação (sessão)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.006	0	0	5	0.123	14853	3420
1	0.007	0	0	1	0.081	913	146

Table 88: Transfusão de hemoderivados

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.028	0	0	34	0.516	14853	2627
1	0.065	0	0	16	0.695	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.331	0	0	199	2.755	14853	2627
1	0.646	0	0	40	3.141	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.81	0	0	365	12.434	14853	2627
1	5.82	0	1	318	18.641	913	107

Table 91: ECG

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.750	0	2	97	5.537	14853	2627
1	6.058	0	4	140	8.230	913	107

Table 92: Holter

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.100	0	0	5	0.347	14853	2627
1	0.175	0	0	3	0.426	913	107

Table 93: Teste de esforço

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	3	0.110	14853	2627
1	0.004	0	0	1	0.061	913	107

Table 94: Espirometria / Ergoespirometria

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	2	0.069	14853	2627
1	0.006	0	0	1	0.079	913	107

Table 95: Tilt Test

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.049	14853	2627
1	0.006	0	0	1	0.079	913	107

Table 96: Polissonografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.043	14853	2627
1	0.002	0	0	1	0.050	913	107

Table 97: Quantidade de exames por métodos gráficos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.869	0	2	97	5.680	14853	2627
1	6.252	0	4	140	8.333	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	54.887	0	9	3474	160.195	14853	2627
1	124.132	0	36	2342	232.635	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.271	0	0	25	1.091	14853	2627
1	0.639	0	0	16	1.655	913	107

Table 100: Quantidade de exames de análises clínicas

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	55.157	0	9	3487	161.037	14853	2627
1	124.770	0	36	2354	233.865	913	107

Table 101: Citologias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	5	0.086	14853	2627
1	0.027	0	0	4	0.227	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.015	0	0	10	0.263	14853	2627
1	0.007	0	0	4	0.149	913	107

Table 103: Quantidade de exames histopatológicos

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.020	0	0	10	0.285	14853	2627
1	0.035	0	0	4	0.275	913	107

Table 104: Angio RM

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.004	0	0	4	0.086	14853	2627
1	0.004	0	0	2	0.079	913	107

Table 105: Angio TC

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.032	0	0	6	0.224	14853	2627
1	0.061	0	0	4	0.338	913	107

Table 106: Angiografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	3	0.049	14853	2627
1	0.005	0	0	1	0.070	913	107

Table 107: Aortografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.002	0	0	2	0.047	14853	2627
1	0.005	0	0	2	0.086	913	107

Table 108: Arteriografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	2	0.027	14853	2627
1	0.001	0	0	1	0.035	913	107

Table 109: Cavografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.007	0	0	1	0.085	14853	2627
1	0.006	0	0	1	0.079	913	107

Table 110: Cintilografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.059	0	0	5	0.338	14853	2627
1	0.156	0	0	4	0.537	913	107

Table 111: Ecocardiograma

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.514	0	0	24	1.181	14853	2627
1	0.830	0	0	18	1.502	913	107

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

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.014	0	0	6	0.163	14853	2627
1	0.031	0	0	2	0.224	913	107

Table 113: Flebografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.034	0	0	5	0.281	14853	2627
1	0.060	0	0	5	0.378	913	107

Table 114: PET-CT

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.005	0	0	3	0.073	14853	2627
1	0.010	0	0	1	0.099	913	107

Table 115: Ultrassom

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.153	0	0	14	0.730	14853	2627
1	0.445	0	0	14	1.234	913	107

Table 116: Tomografia

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.148	0	0	15	0.640	14853	2627
1	0.298	0	0	9	0.851	913	107

Table 117: Radiografias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	2.815	0	1	192	6.740	14853	2627
1	5.158	0	2	184	10.886	913	107

Table 118: Ressonancia magnetica

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.069	0	0	6	0.298	14853	2627
1	0.145	0	0	4	0.432	913	107

Table 119: Quantidade de exames diagnóstico por imagem

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.858	0	2	232	8.505	14853	2627
1	7.215	0	3	200	12.995	913	107

Table 120: Dieta enteral (frasco)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.016	0	0	91	0.923	14853	3422
1	0.327	0	0	115	5.812	913	146

Table 121: Dieta parenteral (frasco)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.001	0	0	3	0.042	14853	3422
1	0.007	0	0	5	0.181	913	146

Table 122: Bomba de infusão contínua (horas)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.734	0	0	1527	21.186	14853	3422
1	3.992	0	0	743	41.502	913	146

Table 123: Marca-passo temporário (por hora)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.152	0	0	180	3.030	14853	3422
1	0.243	0	0	48	2.852	913	146

Table 124: Número de procedimentos na admissão T0

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	1.015	1	1	5	0.138	14853	0
1	1.016	1	1	3	0.151	913	0

Table 125: Número de procedimentos em até 30 dias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.008	0	0	3	0.096	14853	0
1	0.012	0	0	2	0.119	913	0

Table 126: Número de procedimentos em até 60 dias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.009	0	0	3	0.102	14853	0
1	0.013	0	0	1	0.114	913	0

Table 127: Número de procedimentos em até 180 dias

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.012	0	0	4	0.130	14853	0
1	0.018	0	0	2	0.147	913	0

Table 128: Número de procedimentos em até 1 ano

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	0.011	0	0	3	0.123	14853	0
1	0.021	0	0	2	0.157	913	0

Table 129: Quantidade de classes medicamentosas de ação cardiovascular

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	3.027	1	3	10	1.731	14853	6262
1	4.255	1	4	9	1.889	913	273

Table 130: Quantidade de medicamentos de ação cardiovascular

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	39.643	0	9.00	5140	124.488	14853	3340
1	109.508	0	28.25	1695	215.435	913	143

Table 131: Quantidade de antimicrobianos (antibióticos e antifúngicos)

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	12.991	0	4	1812	59.840	14853	3340
1	23.507	0	4	1137	70.755	913	143

Table 132: Tempo de permanência hospitalar

death_3year	Mean	Min	Median	Max	Standard Deviation	N	Missing
0	7.497	0	3	360	12.715	14853	0
1	15.931	0	8	224	20.541	913	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 3year and Sexo

death_3year	Sexo		Total
	0	1	
0	7089 (95%)	7764 (93%)	14853
1	360 (5%)	553 (7%)	913
Total	7449 (100%)	8317 (100%)	15766

Table 134: Contingency table between death 3year and Raça

Raça	death_3year		Total
	0	1	
1	12685 (94%)	768 (6%)	13453 (100%)
2	734 (94%)	50 (6%)	784 (100%)
3	626 (93%)	45 (7%)	671 (100%)
4	204 (94%)	14 (6%)	218 (100%)
5	2 (100%)	0 (0%)	2 (100%)
999	540 (96%)	25 (4%)	565 (100%)
NA	62 (85%)	11 (15%)	73 (100%)
Total	14853	913	15766

Table 135: Contingency table between death 3year and Escolaridade

Escolaridade	death_3year		Total
	0	1	
0	693 (95%)	34 (5%)	727 (100%)
1	903 (97%)	32 (3%)	935 (100%)
2	3659 (96%)	162 (4%)	3821 (100%)
3	649 (97%)	22 (3%)	671 (100%)
4	1162 (97%)	42 (3%)	1204 (100%)
999	7360 (93%)	589 (7%)	7949 (100%)
NA	427 (93%)	32 (7%)	459 (100%)
Total	14853	913	15766

Table 136: Contingency table between death 3year and Estado de residência

Estado de residência	death_3year		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	97 (97%)	3 (3%)	100 (100%)
31	261 (97%)	9 (3%)	270 (100%)
32	11 (100%)	0 (0%)	11 (100%)
33	83 (97%)	3 (3%)	86 (100%)
35	13589 (94%)	858 (6%)	14447 (100%)
41	62 (95%)	3 (5%)	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	532 (95%)	29 (5%)	561 (100%)
Total	14853	913	15766

Table 137: Contingency table between death 3year and Doença cardíaca

Doença cardíaca	death_3year		Total
	0	1	
1	7710 (95%)	395 (5%)	8105 (100%)
2	956 (91%)	95 (9%)	1051 (100%)
3	1030 (90%)	113 (10%)	1143 (100%)
4	1175 (94%)	76 (6%)	1251 (100%)
5	1644 (94%)	108 (6%)	1752 (100%)
6	325 (94%)	19 (6%)	344 (100%)
7	88 (99%)	1 (1%)	89 (100%)
8	26 (96%)	1 (4%)	27 (100%)
9	240 (98%)	6 (2%)	246 (100%)
NA	1659 (94%)	99 (6%)	1758 (100%)
Total	14853	913	15766

Table 138: Contingency table between death 3year and Doença cardíaca

death_3year	Doença cardíaca				Total
	0	1	2	NA	
0	8666 (95%)	1030 (90%)	3258 (94%)	1899 (95%)	14853
1	490 (5%)	113 (10%)	205 (6%)	105 (5%)	913
Total	9156 (100%)	1143 (100%)	3463 (100%)	2004 (100%)	15766

Table 139: Contingency table between death 3year and Classe funcional de IC (NYHA)

Classe funcional de IC (NYHA)	death_3year		Total
	0	1	
1	3224 (97%)	116 (3%)	3340 (100%)
2	2491 (94%)	164 (6%)	2655 (100%)
3	1057 (89%)	125 (11%)	1182 (100%)
4	135 (82%)	29 (18%)	164 (100%)
999	10 (100%)	0 (0%)	10 (100%)
NA	7936 (94%)	479 (6%)	8415 (100%)
Total	14853	913	15766

Table 140: Contingency table between death 3year and Classe funcional de IC (NYHA)

death_3year	Classe funcional de IC (NYHA)			Total
	1	2	NA	
0	5715 (95%)	1192 (89%)	7946 (94%)	14853
1	280 (5%)	154 (11%)	479 (6%)	913
Total	5995 (100%)	1346 (100%)	8425 (100%)	15766

Table 141: Contingency table between death 3year and Hipertensão arterial

death_3year	Hipertensão arterial		Total
	0	1	
0	11272 (94%)	3581 (93%)	14853
1	661 (6%)	252 (7%)	913
Total	11933 (100%)	3833 (100%)	15766

Table 142: Contingency table between death 3year and Infarto do miocárdio prévio / Doença arterial coronariana

death_3year	Infarto do miocárdio prévio / Doença arterial coronariana		Total
	0	1	
0	13542 (95%)	1311 (91%)	14853
1	781 (5%)	132 (9%)	913
Total	14323 (100%)	1443 (100%)	15766

Table 143: Contingency table between death 3year and Insuficiência cardíaca

death_3year	Insuficiência cardíaca		Total
	0	1	
0	9735 (96%)	5118 (91%)	14853
1	390 (4%)	523 (9%)	913
Total	10125 (100%)	5641 (100%)	15766

Table 144: Contingency table between death 3year and Fibrilação / flutter atrial

death_3year	Fibrilação / flutter atrial		Total
	0	1	
0	12656 (95%)	2197 (92%)	14853
1	727 (5%)	186 (8%)	913
Total	13383 (100%)	2383 (100%)	15766

Table 145: Contingency table between death 3year and Parada cardíaca prévia/ Taquicardia ventricular instável

death_3year	Parada cardíaca prévia/ Taquicardia ventricular instável		Total
	0	1	
0	13089 (94%)	1764 (93%)	14853
1	784 (6%)	129 (7%)	913
Total	13873 (100%)	1893 (100%)	15766

Table 146: Contingency table between death 3year and Transplante cardíaco prévio

death_3year	Transplante cardíaco prévio		Total
	0	1	
0	14842 (94%)	11 (92%)	14853
1	912 (6%)	1 (8%)	913
Total	15754 (100%)	12 (100%)	15766

Table 147: Contingency table between death 3year and Valvopatias/ Prótese valvares

death_3year	Valvopatias/ Prótese valvares		Total
	0	1	
0	13920 (95%)	933 (89%)	14853
1	792 (5%)	121 (11%)	913
Total	14712 (100%)	1054 (100%)	15766

Table 148: Contingency table between death 3year and Endocardite prévia

death_3year	Endocardite prévia		Total
	0	1	
0	14727 (94%)	126 (95%)	14853
1	906 (6%)	7 (5%)	913
Total	15633 (100%)	133 (100%)	15766

Table 149: Contingency table between death 3year and Diabetes melittus

death_3year	Diabetes melittus		Total
	0	1	
0	13144 (95%)	1709 (91%)	14853
1	746 (5%)	167 (9%)	913
Total	13890 (100%)	1876 (100%)	15766

Table 150: Contingency table between death 3year and Insuficiência renal crônica

death_3year	Insuficiência renal crônica		Total
	0	1	
0	14317 (95%)	536 (86%)	14853
1	829 (5%)	84 (14%)	913
Total	15146 (100%)	620 (100%)	15766

Table 151: Contingency table between death 3year and Hemodiálise

death_3year	Hemodiálise		Total
	0	1	
0	14840 (94%)	13 (68%)	14853
1	907 (6%)	6 (32%)	913
Total	15747 (100%)	19 (100%)	15766

Table 152: Contingency table between death 3year and Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios

death_3year	Acidente Vascular Cerebral/ Acidente isquêmico transitório prévios		Total
	0	1	
0	14400 (94%)	453 (91%)	14853
1	867 (6%)	46 (9%)	913
Total	15267 (100%)	499 (100%)	15766

Table 153: Contingency table between death 3year and Doença pulmonar obstrutiva crônica

death_3year	Doença pulmonar obstrutiva crônica		Total
	0	1	
0	14662 (94%)	191 (90%)	14853
1	891 (6%)	22 (10%)	913
Total	15553 (100%)	213 (100%)	15766

Table 154: Contingency table between death 3year and Neoplasia em tratamento ou tratada recentemente (12 meses)

death_3year	Neoplasia em tratamento ou tratada recentemente (12 meses)		Total
	0	1	
0	14751 (94%)	102 (90%)	14853
1	902 (6%)	11 (10%)	913
Total	15653 (100%)	113 (100%)	15766

Table 155: Contingency table between death 3year and Tipo de Procedimento 1

death_3year	Tipo de Procedimento 1		Total
	1	2	
0	10201 (93%)	4652 (96%)	14853
1	711 (7%)	202 (4%)	913
Total	10912 (100%)	4854 (100%)	15766

Table 156: Contingency table between death 3year and Tipo de Reoperação 1

death_3year	Tipo de Reoperação 1				Total
	1	2	3	NA	
0	3760 (96%)	861 (95%)	31 (94%)	10201 (93%)	14853
1	152 (4%)	48 (5%)	2 (6%)	711 (7%)	913
Total	3912 (100%)	909 (100%)	33 (100%)	10912 (100%)	15766

Table 157: Contingency table between death 3year and Tipo de Procedimento 1 (merge: procedure type com reop type)

death_3year	Tipo de Procedimento 1 (merge: procedure type com reop type)				Total
	1	2	3	4	
0	10201 (93%)	3760 (96%)	861 (95%)	31 (94%)	14853
1	711 (7%)	152 (4%)	48 (5%)	2 (6%)	913
Total	10912 (100%)	3912 (100%)	909 (100%)	33 (100%)	15766

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

death_3year	Tipo de Dispositivo ao final do procedimento 1				Total
	1	2	3	4	
0	11746 (96%)	1612 (91%)	1108 (88%)	387 (87%)	14853
1	549 (4%)	160 (9%)	146 (12%)	58 (13%)	913
Total	12295 (100%)	1772 (100%)	1254 (100%)	445 (100%)	15766

Table 159: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 1

death_3year	Tipo de Dispositivo ao final do procedimento 1		Total
	1	2	
0	13358 (95%)	1495 (88%)	14853
1	709 (5%)	204 (12%)	913
Total	14067 (100%)	1699 (100%)	15766

Table 160: Contingency table between death 3year and Óbito intraoperatório 1

death_3year	Óbito intraoperatório 1	
	0	Total
0	14853 (94%)	14853
1	913 (6%)	913
Total	15766 (100%)	15766

Table 161: Contingency table between death 3year and Tipo de Reoperação 2

death_3year	Tipo de Reoperação 2				Total
	1	2	3	NA	
0	3252 (100%)	1412 (96%)	112 (93%)	10077 (92%)	14853
1	7 (0%)	62 (4%)	9 (7%)	835 (8%)	913
Total	3259 (100%)	1474 (100%)	121 (100%)	10912 (100%)	15766

Table 162: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 2

death_3year	Tipo de Dispositivo ao final do procedimento 2					Total
	1	2	3	4	NA	
0	3587 (99%)	624 (97%)	378 (98%)	189 (93%)	10075 (92%)	14853
1	36 (1%)	18 (3%)	9 (2%)	14 (7%)	836 (8%)	913
Total	3623 (100%)	642 (100%)	387 (100%)	203 (100%)	10911 (100%)	15766

Table 163: Contingency table between death 3year and Óbito intraoperatório 2

death_3year	Óbito intraoperatório 2		Total
	0	NA	
0	4783 (98%)	10070 (92%)	14853
1	78 (2%)	835 (8%)	913
Total	4861 (100%)	10905 (100%)	15766

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

death_3year	Tipo de Reoperação 3				Total
	1	2	3	NA	
0	723 (100%)	560 (97%)	60 (97%)	13510 (94%)	14853
1	0 (0%)	18 (3%)	2 (3%)	893 (6%)	913
Total	723 (100%)	578 (100%)	62 (100%)	14403 (100%)	15766

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

death_3year	Tipo de Dispositivo ao final do procedimento 3					Total
	1	2	3	4	NA	
0	957 (99%)	247 (98%)	157 (98%)	95 (96%)	13397 (94%)	14853
1	9 (1%)	4 (2%)	3 (2%)	4 (4%)	893 (6%)	913
Total	966 (100%)	251 (100%)	160 (100%)	99 (100%)	14290 (100%)	15766

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

death_3year	Óbito intraoperatório 3			Total
	0	1	NA	
0	1453 (99%)	4 (100%)	13396 (94%)	14853
1	20 (1%)	0 (0%)	893 (6%)	913
Total	1473 (100%)	4 (100%)	14289 (100%)	15766

Table 167: Contingency table between death 3year and Tipo de Reoperação 4

death_3year	Tipo de Reoperação 4				Total
	1	2	3	NA	
0	192 (100%)	249 (99%)	33 (100%)	14379 (94%)	14853
1	0 (0%)	2 (1%)	0 (0%)	911 (6%)	913
Total	192 (100%)	251 (100%)	33 (100%)	15290 (100%)	15766

Table 168: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 4

death_3year	Tipo de Dispositivo ao final do procedimento 4					Total
	1	2	3	4	NA	
0	287 (100%)	110 (100%)	45 (100%)	41 (98%)	14370 (94%)	14853
1	1 (0%)	0 (0%)	0 (0%)	1 (2%)	911 (6%)	913
Total	288 (100%)	110 (100%)	45 (100%)	42 (100%)	15281 (100%)	15766

Table 169: Contingency table between death 3year and Óbito intraoperatório 4

death_3year	Óbito intraoperatório 4		Total
	0	NA	
0	483 (100%)	14370 (94%)	14853
1	2 (0%)	911 (6%)	913
Total	485 (100%)	15281 (100%)	15766

Table 170: Contingency table between death 3year and Tipo de Reoperação 5

death_3year	Tipo de Reoperação 5				Total
	1	2	3	NA	
0	71 (100%)	106 (100%)	14 (100%)	14662 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	71 (100%)	106 (100%)	14 (100%)	15575 (100%)	15766

Table 171: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 5

death_3year	Tipo de Dispositivo ao final do procedimento 5					Total
	1	2	3	4	NA	
0	100 (100%)	56 (100%)	22 (100%)	13 (100%)	14662 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	100 (100%)	56 (100%)	22 (100%)	13 (100%)	15575 (100%)	15766

Table 172: Contingency table between death 3year and Óbito intraoperatório 5

death_3year	Óbito intraoperatório 5		Total
	0	NA	
0	192 (100%)	14661 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	192 (100%)	15574 (100%)	15766

Table 173: Contingency table between death 3year and Tipo de Reoperação 6

death_3year	Tipo de Reoperação 6				Total
	1	2	3	NA	
0	26 (100%)	46 (100%)	6 (100%)	14775 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	26 (100%)	46 (100%)	6 (100%)	15688 (100%)	15766

Table 174: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 6

death_3year	Tipo de Dispositivo ao final do procedimento 6					Total
	1	2	3	4	NA	
0	40 (100%)	25 (100%)	7 (100%)	9 (100%)	14772 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	40 (100%)	25 (100%)	7 (100%)	9 (100%)	15685 (100%)	15766

Table 175: Contingency table between death 3year and Óbito intraoperatório 6

death_3year	Óbito intraoperatório 6		Total
	0	NA	
0	81 (100%)	14772 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	81 (100%)	15685 (100%)	15766

Table 176: Contingency table between death 3year and Tipo de Reoperação 7

death_3year	Tipo de Reoperação 7				Total
	1	2	3	NA	
0	10 (100%)	18 (100%)	4 (100%)	14821 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	10 (100%)	18 (100%)	4 (100%)	15734 (100%)	15766

Table 177: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 7

death_3year	Tipo de Dispositivo ao final do procedimento 7					Total
	1	2	3	4	NA	
0	13 (100%)	13 (100%)	1 (100%)	4 (100%)	14822 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	13 (100%)	13 (100%)	1 (100%)	4 (100%)	15735 (100%)	15766

Table 178: Contingency table between death 3year and Óbito intraoperatório 7

death_3year	Óbito intraoperatório 7		Total
	0	NA	
0	32 (100%)	14821 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	32 (100%)	15734 (100%)	15766

Table 179: Contingency table between death 3year and Tipo de Reoperação 8

death_3year	Tipo de Reoperação 8			Total
	1	2	NA	
0	3 (100%)	9 (100%)	14841 (94%)	14853
1	0 (0%)	0 (0%)	913 (6%)	913
Total	3 (100%)	9 (100%)	15754 (100%)	15766

Table 180: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 8

death_3year	Tipo de Dispositivo ao final do procedimento 8				Total
	1	2	4	NA	
0	7 (100%)	4 (100%)	1 (100%)	14841 (94%)	14853
1	0 (0%)	0 (0%)	0 (0%)	913 (6%)	913
Total	7 (100%)	4 (100%)	1 (100%)	15754 (100%)	15766

Table 181: Contingency table between death 3year and Óbito intraoperatório 8

death_3year	Óbito intraoperatório 8		Total
	0	NA	
0	12 (100%)	14841 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	12 (100%)	15754 (100%)	15766

Table 182: Contingency table between death 3year and Tipo de Reoperação 9

death_3year	Tipo de Reoperação 9		Total
	2	NA	
0	5 (100%)	14848 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	5 (100%)	15761 (100%)	15766

Table 183: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 9

death_3year	Tipo de Dispositivo ao final do procedimento 9			Total
	1	2	NA	
0	3 (100%)	2 (100%)	14848 (94%)	14853
1	0 (0%)	0 (0%)	913 (6%)	913
Total	3 (100%)	2 (100%)	15761 (100%)	15766

Table 184: Contingency table between death 3year and Óbito intraoperatório 9

death_3year	Óbito intraoperatório 9		Total
	0	NA	
0	5 (100%)	14848 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	5 (100%)	15761 (100%)	15766

Table 185: Contingency table between death 3year and Tipo de Reoperação 10

death_3year	Tipo de Reoperação 10		Total
	2	NA	
0	1 (100%)	14852 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	1 (100%)	15765 (100%)	15766

Table 186: Contingency table between death 3year and Tipo de Dispositivo ao final do procedimento 10

death_3year	Tipo de Dispositivo ao final do procedimento 10		Total
	2	NA	
0	1 (100%)	14852 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	1 (100%)	15765 (100%)	15766

Table 187: Contingency table between death 3year and Óbito intraoperatório 10

death_3year	Óbito intraoperatório 10		Total
	0	NA	
0	1 (100%)	14852 (94%)	14853
1	0 (0%)	913 (6%)	913
Total	1 (100%)	15765 (100%)	15766

Table 188: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2

death_3year	Mudança do tipo de DCEI: entre o Procedimento 1 e Procedimento 2			Total
	0	1	NA	
0	4513 (99%)	265 (95%)	10075 (92%)	14853
1	63 (1%)	14 (5%)	836 (8%)	913
Total	4576 (100%)	279 (100%)	10911 (100%)	15766

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

death_3year	Mudança do tipo de DCEI: entre o Procedimento 2 e Procedimento 3			Total
	0	1	NA	
0	1364 (99%)	92 (98%)	13397 (94%)	14853
1	18 (1%)	2 (2%)	893 (6%)	913
Total	1382 (100%)	94 (100%)	14290 (100%)	15766

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

death_3year	Mudança do tipo de DCEI: entre o Procedimento 3 e Procedimento 4			Total
	0	1	NA	
0	455 (100%)	28 (100%)	14370 (94%)	14853
1	2 (0%)	0 (0%)	911 (6%)	913
Total	457 (100%)	28 (100%)	15281 (100%)	15766

Table 191: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5

death_3year	Mudança do tipo de DCEI: entre o Procedimento 4 e Procedimento 5			Total
	0	1	NA	
0	182 (100%)	9 (100%)	14662 (94%)	14853
1	0 (0%)	0 (0%)	913 (6%)	913
Total	182 (100%)	9 (100%)	15575 (100%)	15766

Table 192: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6

death_3year	Mudança do tipo de DCEI: entre o Procedimento 5 e Procedimento 6			Total
	0	1	NA	
0	74 (100%)	7 (100%)	14772 (94%)	14853
1	0 (0%)	0 (0%)	913 (6%)	913
Total	74 (100%)	7 (100%)	15685 (100%)	15766

Table 193: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7

death_3year	Mudança do tipo de DCEI: entre o Procedimento 6 e Procedimento 7			Total
	0	1	NA	
0	28 (100%)	3 (100%)	14822 (94%)	14853
1	0 (0%)	0 (0%)	913 (6%)	913
Total	28 (100%)	3 (100%)	15735 (100%)	15766

Table 194: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8

death_3year	Mudança do tipo de DCEI: entre o Procedimento 7 e Procedimento 8			Total
	0	1	NA	
0	11 (100%)	1 (100%)	14841 (94%)	14853
1	0 (0%)	0 (0%)	913 (6%)	913
Total	11 (100%)	1 (100%)	15754 (100%)	15766

Table 195: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9

death_3year	Mudança do tipo de DCEI: entre o Procedimento 8 e Procedimento 9			Total
	0		NA	
0	5 (100%)		14848 (94%)	14853
1	0 (0%)		913 (6%)	913
Total	5 (100%)		15761 (100%)	15766

Table 196: Contingency table between death 3year and Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10

death_3year	Mudança do tipo de DCEI: entre o Procedimento 9 e Procedimento 10			Total
	0		NA	
0	1 (100%)		14852 (94%)	14853
1	0 (0%)		913 (6%)	913
Total	1 (100%)		15765 (100%)	15766

Table 197: Contingency table between death 3year and Diálise durante os episódios de hospitalização

death_3year	Diálise durante os episódios de hospitalização		Total
	0	1	
0	14822 (94%)	31 (70%)	14853
1	900 (6%)	13 (30%)	913
Total	15722 (100%)	44 (100%)	15766

Table 198: Contingency table between death 3year and UTI durante os episódios de hospitalização

death_3year	UTI durante os episódios de hospitalização		Total
	0	1	
0	11946 (95%)	2907 (91%)	14853
1	609 (5%)	304 (9%)	913
Total	12555 (100%)	3211 (100%)	15766

Table 199: Contingency table between death 3year and Admissão em até 180 dias antes da T0

death_3year	Admissão em até 180 dias antes da T0		Total
	0	1	
0	13929 (95%)	924 (86%)	14853
1	767 (5%)	146 (14%)	913
Total	14696 (100%)	1070 (100%)	15766

Table 200: Contingency table between death 3year and Readmissões pós-T0 com diárias de UTI

Readmissões pós-T0 com diárias de UTI	death_3year		Total
	0	1	
0	14415 (94%)	855 (6%)	15270 (100%)
1	399 (88%)	53 (12%)	452 (100%)
2	31 (89%)	4 (11%)	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	14853	913	15766

Table 201: Contingency table between death 3year and Readmissões pós-T0 com diálise

death_3year	Readmissões pós-T0 com diálise				Total
	0	1	2	3	
0	14836 (94%)	15 (79%)	1 (50%)	1 (100%)	14853
1	908 (6%)	4 (21%)	1 (50%)	0 (0%)	913
Total	15744 (100%)	19 (100%)	2 (100%)	1 (100%)	15766

Table 202: Contingency table between death 3year and Desfecho principal da admissão T0

death_3year	Desfecho principal da admissão T0		Total
	0	1	
0	14853 (94%)		14853
1	913 (6%)		913
Total	15766 (100%)		15766

Table 203: Contingency table between death 3year and Readmissão em até 30 dias

death_3year	Readmissão em até 30 dias		Total
	0	1	
0	14409 (95%)	444 (74%)	14853
1	754 (5%)	159 (26%)	913
Total	15163 (100%)	603 (100%)	15766

Table 204: Contingency table between death 3year and Readmissão em até 60 dias

death_3year	Readmissão em até 60 dias		Total
	0	1	
0	14172 (95%)	681 (75%)	14853
1	688 (5%)	225 (25%)	913
Total	14860 (100%)	906 (100%)	15766

Table 205: Contingency table between death 3year and Readmissão em até 180 dias

death_3year	Readmissão em até 180 dias		Total
	0	1	
0	13732 (96%)	1121 (75%)	14853
1	545 (4%)	368 (25%)	913
Total	14277 (100%)	1489 (100%)	15766

Table 206: Contingency table between death 3year and Readmissão em até 1 ano

death_3year	Readmissão em até 1 ano		Total
	0	1	
0	13328 (97%)	1525 (76%)	14853
1	426 (3%)	487 (24%)	913
Total	13754 (100%)	2012 (100%)	15766

Table 207: Contingency table between death 3year and Readmissão cirúrgica em até 30 dias

death_3year	Readmissão cirúrgica em até 30 dias		Total
	0	1	
0	14730 (94%)	123 (90%)	14853
1	899 (6%)	14 (10%)	913
Total	15629 (100%)	137 (100%)	15766

Table 208: Contingency table between death 3year and Readmissão cirúrgica entre 31 a 60 dias

death_3year	Readmissão cirúrgica entre 31 a 60 dias		Total
	0	1	
0	14769 (94%)	84 (90%)	14853
1	904 (6%)	9 (10%)	913
Total	15673 (100%)	93 (100%)	15766

Table 209: Contingency table between death 3year and Readmissão cirúrgica entre 61 a 180 dias

death_3year	Readmissão cirúrgica entre 61 a 180 dias		Total
	0	1	
0	14716 (94%)	137 (92%)	14853
1	901 (6%)	12 (8%)	913
Total	15617 (100%)	149 (100%)	15766

Table 210: Contingency table between death 3year and Readmissão cirúrgica em até 1 ano

death_3year	Readmissão cirúrgica em até 1 ano		Total
	0	1	
0	14734 (94%)	119 (90%)	14853
1	900 (6%)	13 (10%)	913
Total	15634 (100%)	132 (100%)	15766

Table 211: Contingency table between death 3year and Desfecho final do estudo

death_3year	Desfecho final do estudo			Total
	1	2	3	
0	1628 (64%)	7728 (100%)	5497 (100%)	14853
1	913 (36%)	0 (0%)	0 (0%)	913
Total	2541 (100%)	7728 (100%)	5497 (100%)	15766

Table 212: Contingency table between death 3year and Óbito intraoperatório

death_3year	Óbito intraoperatório		Total
	0	1	
0	14849 (94%)	4 (100%)	14853
1	913 (6%)	0 (0%)	913
Total	15762 (100%)	4 (100%)	15766

Table 213: Contingency table between death 3year and Óbito hospitalar (intraoperatório ou admissao T0)

death_3year	Óbito hospitalar (intraoperatório ou admissao T0)		Total
	0	1	
0	14849 (94%)	4 (100%)	14853
1	913 (6%)	0 (0%)	913
Total	15762 (100%)	4 (100%)	15766

Table 214: Contingency table between death 3year and Óbito durante algum episódio de readmissão hospitalar

death_3year	Óbito durante algum episódio de readmissão hospitalar		Total
	0	1	
0	14219 (98%)	634 (49%)	14853
1	243 (2%)	670 (51%)	913
Total	14462 (100%)	1304 (100%)	15766

Table 215: Contingency table between death 3year and Óbito em até 30 dias após a alta T0

death_3year	Óbito em até 30 dias após a alta T0		Total
	0	1	
0	14853 (95%)	0 (0%)	14853
1	842 (5%)	71 (100%)	913
Total	15695 (100%)	71 (100%)	15766

Table 216: Contingency table between death 3year and Óbito em até 180 dias após a alta T0

death_3year	Óbito em até 180 dias após a alta T0		Total
	0	1	
0	14853 (96%)	0 (0%)	14853
1	583 (4%)	330 (100%)	913
Total	15436 (100%)	330 (100%)	15766

Table 217: Contingency table between death 3year and Óbito em até 1 ano após a alta T0

death_3year	Óbito em até 1 ano após a alta T0		Total
	0	1	
0	14853 (97%)	0 (0%)	14853
1	396 (3%)	517 (100%)	913
Total	15249 (100%)	517 (100%)	15766

Table 218: Contingency table between death 3year and Óbito em até 2 anos após a alta T0

death_3year	Óbito em até 2 anos após a alta T0		Total
	0	1	
0	14853 (99%)	0 (0%)	14853
1	158 (1%)	755 (100%)	913
Total	15011 (100%)	755 (100%)	15766

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

death_3year	Óbito em até 3 anos após a alta T0		Total
	0	1	
0	14853 (100%)	0 (0%)	14853
1	0 (0%)	913 (100%)	913
Total	14853 (100%)	913 (100%)	15766

Table 220: Contingency table between death 3year and Óbito (status final)

death_3year	Óbito (status final)		Total
	0	1	
0	13225 (100%)	1628 (64%)	14853
1	0 (0%)	913 (36%)	913
Total	13225 (100%)	2541 (100%)	15766

Table 221: Contingency table between death 3year and Causa do óbito

Causa do óbito	death_3year		Total
	0	1	
1	136 (47%)	156 (53%)	292 (100%)
2	7 (88%)	1 (12%)	8 (100%)
3	21 (68%)	10 (32%)	31 (100%)
4	30 (39%)	46 (61%)	76 (100%)
5	80 (49%)	83 (51%)	163 (100%)
777	12 (39%)	19 (61%)	31 (100%)
888	10 (34%)	19 (66%)	29 (100%)
999	1332 (70%)	579 (30%)	1911 (100%)
NA	13225 (100%)	0 (0%)	13225 (100%)
Total	14853	913	15766

Table 222: Contingency table between death 3year and Ventilação mecânica / IOT

death_3year	Ventilação mecânica / IOT		Total
	1	NA	
0	2580 (91%)	12273 (95%)	14853
1	269 (9%)	644 (5%)	913
Total	2849 (100%)	12917 (100%)	15766

Table 223: Contingency table between death 3year and Transplante cardíaco

death_3year	Transplante cardíaco			Total
	0	1	NA	
0	12206 (94%)	20 (95%)	2627 (96%)	14853
1	805 (6%)	1 (5%)	107 (4%)	913
Total	13011 (100%)	21 (100%)	2734 (100%)	15766