Bleeding Events with Enxoaparin in Moderate Renal Dysfunction

Detailed Results

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```
source("0-library.R")
## Attaching package: 'dplyr'
  The following objects are masked from 'package:stats':
##
       filter, lag
## The following objects are masked from 'package:base':
##
##
       intersect, setdiff, setequal, union
##
## Attaching package: 'BGTools'
## The following object is masked from 'package:readr':
##
##
       read_rds
library(pander)
panderOptions("table.split.table", Inf)
read_rds(analysis.dir)
## <environment: R_GlobalEnv>
Demographics
res <- result_table("table", analyze.demographics)</pre>
## Warning in data.row.names(row.names, rowsi, i): some row.names duplicated:
## 37,40 --> row.names NOT used
```

pander(res)

	moderate	normal	p	test
\mathbf{n}	150	150		
sex = Male (%)	62 (41.3)	100 (66.7)	< 0.001	
${\rm race} \; (\%)$			0.005	
African American	50 (35.7)	26 (18.7)		
${f Asian}$	2(1.4)	3(2.2)		
\mathbf{Other}	22(15.7)	17 (12.2)		
White/Caucasian	66 (47.1)	93 (66.9)		
disposition $(\%)$			0.152	
Acute Care	4(2.7)	2(1.3)		
Against Medical Advise	0(0.0)	1(0.7)		
DC/DISC TO REHAB	10 (6.7)	15 (10.0)		
DC/TF To Psych Hosp	1 (0.7)	0 (0.0)		
Deceased	5 (3.3)	1(0.7)		
Discharged to Hospice-Home	4 (2.7)	1(0.7)		
Discharged to	1(0.7)	1(0.7)		
Hospice-Medical Facility	()	()		
Home	46 (30.7)	61 (40.7)		
Home Care with Home	44 (29.3)	27 (18.0)		
Health	()	_, (,)		
Intermediate Care	0 (0.0)	1 (0.7)		
Long Term Care	7 (4.7)	9 (6.0)		
Skilled Nursing Facility	28 (18.7)	31 (20.7)		
visit.type (%)	20 (10.1)	01 (20.1)	0.248	
Inpatient	143 (95.3)	136 (90.7)	0.210	
Inpatient Rehab	6 (4.0)	8 (5.3)		
Inpatient Snf	1 (0.7)	5 (3.3)		
OBS Observation Patient	0 (0.0)	1 (0.7)		
facility (%)	0 (0.0)	1 (0.1)	0.214	
Memorial Hermann Hospital	143 (95.3)	137 (91.3)	0.214	
Memorial Hermann	6 (4.0)	8 (5.3)		
Rehabilitation Unit	0 (4.0)	0 (0.0)		
Memorial Hermann	1 (0.7)	5 (3.3)		
Transitional Care Facility	1 (0.7)	o (3.3)		
afib = TRUE (%)	59 (39.3)	58 (38.7)	1 000	
dvt = TRUE (%)	` /	` /	$\frac{1.000}{0.166}$	
	79 (52.7)	66 (44.0)		
pe = TRUE (%)	37 (24.7)	57 (38.0)	0.018	
valve = TRUE (%)	24 (16.0)	22 (14.7)	0.873	
other = TRUE $(\%)$	49 (32.7)	35 (23.3)	0.095	
age.gt60 = TRUE (%)	111 (74.0)	111 (74.0)	1.000	
vte = TRUE (%)	96 (64.0)	96 (64.0)	1.000	
n	150	150	0.000	
age (mean (sd))	68.25 (13.75)	63.42 (13.22)	0.002	
length.stay (mean (sd))	15.94 (16.87)	15.68 (14.38)	0.887	
n	150	150		
${\rm age} ({\rm median} [{\rm IQR}])$	70.00 [60.00, 78.00]	65.00 [60.00, 71.75]	0.001	nonno
length.stay (median [IQR])	12.62 [8.73, 17.64]	11.38 [7.34, 20.80]	0.517	nonno

Summary

##

other 150

0

0.0

```
result_table("cat", analyze.demographics)
## Warning in data.row.names(row.names, rowsi, i): some row.names duplicated:
## 37,40 --> row.names NOT used
   group: moderate
##
            var
                   n miss p.miss
                                                                          level
                             0.0
##
            sex 150
                        0
                                                                         Female
##
                                                                           Male
##
           race 150
                             6.7
                                                              African American
##
                       10
##
                                                                          Asian
                                                                          Other
##
##
                                                               White/Caucasian
##
    disposition 150
                             0.0
                                                                     Acute Care
                        0
##
                                                        Against Medical Advise
##
                                                              DC/DISC TO REHAB
##
                                                           DC/TF To Psych Hosp
##
                                                                       Deceased
##
                                                   Discharged to Hospice-Home
                                       Discharged to Hospice-Medical Facility
##
##
##
                                                   Home Care with Home Health
                                                             Intermediate Care
##
##
                                                                Long Term Care
##
                                                      Skilled Nursing Facility
##
##
     visit.type 150
                        0
                             0.0
                                                                      Inpatient
                                                               Inpatient Rehab
##
##
                                                                  Inpatient Snf
                                                       OBS Observation Patient
##
##
       facility 150
##
                        0
                             0.0
                                                     Memorial Hermann Hospital
##
                                         Memorial Hermann Rehabilitation Unit
##
                                 Memorial Hermann Transitional Care Facility
##
##
           afib 150
                        0
                             0.0
                                                                          FALSE
                                                                           TRUE
##
##
##
            dvt 150
                        0
                             0.0
                                                                          FALSE
##
                                                                           TRUE
##
##
             pe 150
                        0
                             0.0
                                                                          FALSE
                                                                           TRUE
##
##
##
          valve 150
                             0.0
                                                                          FALSE
##
                                                                           TRUE
##
```

FALSE

##				
##				
##	age	e.gt60 150	0	0.0
##				
##				
##		vte 150	0	0.0
##				
## ##	frog n	ercent cum.	norco	n+
##	88	58.7	-	3.7
##	62	41.3	100	
##	-			
##	50	35.7	35	.7
##	2	1.4		.1
##	22	15.7	52	.9
##	66	47.1	100	.0
##				
##	4	2.7		7
##	0	0.0		7
##	10	6.7		.3
##	1	0.7		.0
##	5	3.3		.3
##	4	2.7		.0
## ##	1 46	0.7 30.7		.7 .3
##	44	29.3		.7
##	0	0.0		5.7
##	7	4.7		.3
##	28	18.7	100	
##				
##	143	95.3	95	.3
##	6	4.0		.3
##	1	0.7	100	
##	0	0.0	100	.0
##			_	_
##	143	95.3		.3
##	6	4.0		.3
## ##	1	0.7	100	.0
##	91	60.7	60	.7
##	59	39.3	100	
##	00	00.0	100	
##	71	47.3	47	.3
##	79	52.7	100	
##				
##	113	75.3	75	.3
##	37	24.7	100	.0
##				
##	126	84.0		.0
##	24	16.0	100	.0
##	101	67.0	~ =	
## ##	101 49	67.3		.3
##	49	32.7	100	.0
##				

## ##	39 26.0 111 74.0		26 100	3.0).0	
##	E4 26	^	2.6		
##	54 36.0 96 64.0		100	3.0) 0	
##	50 04.		100		
##					
##	group: norma				
##	var		miss p		level
##	sex	150	0	0.0	Female Male
##					riale
##	race	150	11	7.3	African American
##					Asian
##					Other
##					White/Caucasian
##	44 4 + 4	150	0	0 0	A such a Clause
## ##	disposition	150	0	0.0	Acute Care Against Medical Advise
##					DC/DISC TO REHAB
##					DC/TF To Psych Hosp
##					Deceased
##					Discharged to Hospice-Home
##					Discharged to Hospice-Medical Facility
##					Home Home Care with Home Health
##					Intermediate Care
##					Long Term Care
##					Skilled Nursing Facility
##					
##	visit.type	150	0	0.0	Inpatient
##					Inpatient Rehab Inpatient Snf
##					OBS Observation Patient
##					
##	facility	150	0	0.0	Memorial Hermann Hospital
##					Memorial Hermann Rehabilitation Unit
## ##					Memorial Hermann Transitional Care Facility
##	afib	150	0	0.0	FALSE
##	0.1.10	200	· ·		TRUE
##					
##	dvt	150	0	0.0	FALSE
##					TRUE
## ##	ne	150	0	0.0	FALSE
##	pe	100	U	0.0	TRUE
##					1102
##	valve	150	0	0.0	FALSE
##					TRUE
##		150	^	^ ^	DATAR
## ##	other	150	0	0.0	FALSE TRUE
##					TROE

##	age	e.gt60 150	0	0.0
##	. 0	0.11		
##				
##		vte 150	0	0.0
##				
##				. 4.
## ##	ireq I	percent cum	n.percen 33	
##	100	66.7	100	
##	100	00.1	100	. 0
##	26	18.7	18	.7
##	3	2.2	20	
##	17	12.2	33	. 1
##	93	66.9	100	. 0
##				
##	2	1.3		. 3
##	1	0.7		. 0
##	15	10.0	12	
##	0	0.0	12	
##	1 1	0.7 0.7	12	
## ##	1	0.7	13 14	
##	61	40.7	54	
##	27	18.0	72	
##	1	0.7	73	
##	9	6.0	79	
##	31	20.7	100	
##				
##	136	90.7	90	
##	8	5.3	96	
##	5	3.3	99	
##	1	0.7	100	. 0
##		0.4.0		
##	137	91.3	91	
##	8	5.3	96	
##	5	3.3	100	. 0
## ##	92	61.3	61	3
##	92 58	38.7	100	
##	50	JJ. 1	100	. 0
##	84	56.0	56	. 0
##	66	44.0	100	
##		-		
##	93	62.0	62	. 0
##	57	38.0	100	
##				
##	128	85.3	85	
##	22	14.7	100	. 0
##	=		_	_
##	115	76.7	76	
##	35	23.3	100	. 0
## ##	39	26.0	26	0
##	111	74.0	100	
πĦ	111	17.0	100	

```
##
##
     54 36.0 36.0
##
     96 64.0
                    100.0
##
##
## p-values
                  pApprox
                               pExact
## sex
             1.818129e-05 1.648641e-05
## race
             4.633446e-03 3.072003e-03
## disposition 1.522785e-01
## visit.type 2.479692e-01 2.180147e-01
## facility 2.142790e-01 2.350539e-01
## afib 1.000000e+00 1.000000e+00
## dvt 1.656214e-01 1.655152e-01
## pe 1.803390e-02 1.779104e-02
## valve 8.726938e-01 8.728609e-01 ## other 9.459935e-02 9.427938e-02
## age.gt60 1.000000e+00 1.000000e+00
             1.000000e+00 1.000000e+00
## vte
##
## Standardize mean differences
                1 vs 2
## sex
             0.52555214
## race
              0.44226730
## disposition 0.47013675
## visit.type 0.23623723
## facility 0.20372928
           0.01366853
## afib
## dvt
            0.17408546
## pe
            0.29046581
        0.03701166
0.20900179
## valve
## other
## age.gt60 0.00000000
## vte
              0.00000000
result_table("cont", analyze.demographics)
## Warning in data.row.names(row.names, rowsi, i): some row.names duplicated:
## 37,40 --> row.names NOT used
## group: moderate
##
                n miss p.miss mean sd median p25 p75 min max skew kurt
              150 0 0 68 14 70 60.0 78 24.0 93 -0.79 0.65
## age
                  0
## length.stay 150
                          0 16 17
                                        13 8.7 18 2.4 146 5.63 38.81
## -----
## group: normal
               n miss p.miss mean sd median p25 p75 min max skew kurt
              150 0 0 63 13 65 60.0 72 20.0 87 -1.3 2.1
## length.stay 150
                     0
                         0
                               16 14
                                        11 7.3 21 3.2 136 4.4 32.4
##
## p-values
##
                 pNormal pNonNormal
## age
            0.002121191 0.001307973
```

```
## length.stay 0.886973359 0.516817450
##
## Standardize mean differences
## 1 vs 2
## age 0.35794000
## length.stay 0.01642639
```

Past Medical History

```
res <- result_table("table", analyze.diagnosis)

## NULL

## NULL

pander(res)</pre>
```

	moderate	normal	p	test
n	150	150		
bleed.cns = TRUE (%)	1 (0.7)	0 (0.0)	1.000	
bleed.gi = TRUE (%)	7(4.7)	2(1.3)	0.176	
bleed.major = TRUE (%)	2(1.3)	0 (0.0)	0.478	
bleed.minor = TRUE $(\%)$	7 (4.7)	2(1.3)	0.176	
cad = TRUE (%)	57 (38.0)	43 (28.7)	0.111	
$\mathrm{ckd}_12 = \mathrm{TRUE} \; (\%)$	5 (3.3)	1 (0.7)	0.216	
$\operatorname{ckd}_{3} = \operatorname{TRUE}(\%)$	17 (11.3)	4(2.7)	0.007	
$\mathrm{ckd}_45 = \mathrm{TRUE} \; (\%)$	14 (9.3)	3(2.0)	0.013	
diabetes = TRUE (%)	61 (40.7)	46 (30.7)	0.092	
$\operatorname{esrd} = \operatorname{TRUE}(\%)$	2 (1.3)	1 (0.7)	1.000	
heart.failure = TRUE (%)	54 (36.0)	42 (28.0)	0.173	
hyperlipid = TRUE (%)	57 (38.0)	56 (37.3)	1.000	
hypertension = TRUE $(\%)$	125 (83.3)	$113 \ (75.3)$	0.117	
stroke = TRUE (%)	5 (3.3)	3(2.0)	0.720	
tia = FALSE (%)	$150\ (100.0)$	150 (100.0)	NA	

Home Medication

```
res <- result_table("table", analyze.home.meds)

## NULL

## NULL

pander(res)</pre>
```

	moderate	normal	р	test
n	150	150		

	moderate	normal	р	test
anticoagulants = TRUE (%)	60 (40.0)	42 (28.0)	0.038	
antiplatelet.agents = TRUE (%)	24 (16.0)	24 (16.0)	1.000	

Bleeding Events

```
cram <- c("drop.after.procedure", "prbc.after.procedure", "prbc.after.drop")
res <- result_table("table", analyze.bleed, cram = cram)</pre>
```

NULL

NULL

pander(res)

	moderate	normal	p	test
n	150	150		
hgb.drop = TRUE (%)	13 (9.0)	7 (5.2)	0.328	
prbc = TRUE (%)	$21\ (14.5)$	15 (11.2)	0.522	
ct.bleed = TRUE (%)	6 (4.1)	5 (3.7)	1.000	
ct.major = TRUE (%)	0 (0.0)	2(1.5)	0.444	
proc = TRUE (%)	45 (31.0)	32(23.9)	0.230	
major.bleed = TRUE (%)	2(1.4)	2 (1.5)	1.000	
minor.bleed = TRUE $(\%)$	12 (8.3)	5 (3.7)	0.182	
major.bleed.proc = TRUE (%)	1 (0.7)	0 (0.0)	1.000	
minor.bleed.proc = $TRUE$ (%)	3 (2.1)	1 (0.7)	0.671	
drop.after.procedure =	$5/3 \ (62.5/37.5)$	2/1 (66.7/33.3)	1.000	
FALSE/TRUE (%)				
prbc.after.procedure =	5/6 (45.5/54.5)	0/6 (0.0/100.0)	0.159	
FALSE/TRUE (%)	, , , ,	, , , , ,		
prbc.after.drop = FALSE/TRUE	3/1 (75.0/25.0)	2/1 (66.7/33.3)	1.000	
(%)	, , , , ,	, ,		

New Thrombosis

```
cram <- c("stroke.new", "pe.new")
res <- result_table("table", analyze.thrombosis, cram = cram)</pre>
```

NULL

NULL

pander(res)

	moderate	normal	р	test
n	150	150		

	moderate	normal	p	test
thrombus = TRUE (%)	7 (4.7)	6 (4.0)	1.000	
stroke.new = FALSE/TRUE	$5/2 \ (71.4/28.6)$	$5/1 \ (83.3/16.7)$	1.000	
(%)				
pe.new = FALSE/TRUE (%)	$6/1 \ (85.7/14.3)$	$4/2 \ (66.7/33.3)$	0.879	