Table Shells - n is 560

Adam Jauregui

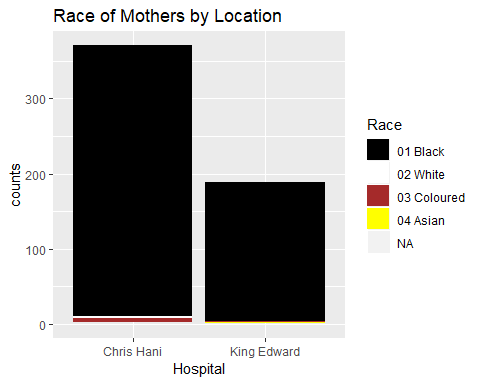
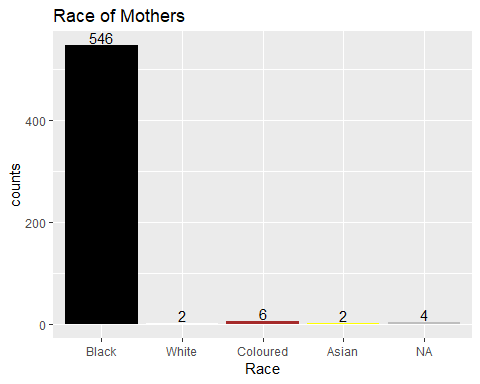
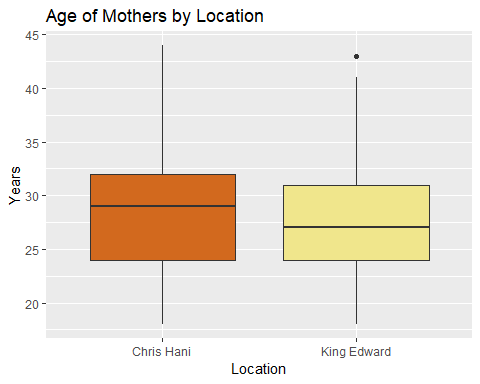
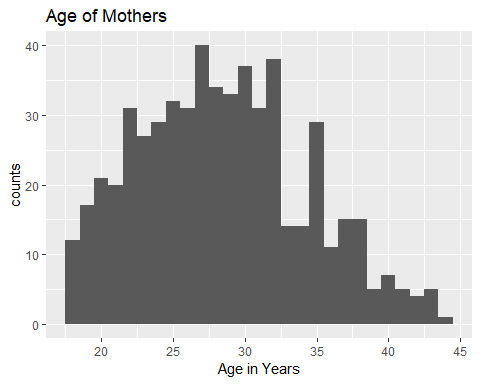
December 22, 2018

## Table 1 - Characteristics of Study Population

##   
## Overall   
## n 560   
## Q1.1\_Age\_of\_Mother (mean (sd)) 28.39 (5.83)   
## Q1.6\_Race (%)   
## 01 Black 546 (97.5)   
## 02 White 2 ( 0.4)   
## 03 Coloured 6 ( 1.1)   
## 04 Asian 2 ( 0.4)   
## NA 4 ( 0.7)   
## Q1.7\_Gravidity (median [IQR]) 3.00 [2.00, 3.00]  
## Q1.8\_Parity (median [IQR]) 1.00 [1.00, 2.00]  
## Q2.4.5\_Length\_of\_Stay (median [IQR]) 3.00 [2.00, 5.00]  
## Q2.7\_Alive\_at\_Discharge (%)   
## 01 Yes 513 (91.6)   
## 02 No 2 ( 0.4)   
## NA 45 ( 8.0)   
## Q3.1\_Gestation\_Age\_Weeks (mean (sd)) 15.43 (10.38)   
## Gestation\_Age\_Weeks\_Grouped (%)   
## <14 267 (47.7)   
## 14-25 182 (32.5)   
## >25 87 (15.5)   
## NA 24 ( 4.3)   
## Q3.6\_Booking\_Status\_At\_Admission (%)   
## 01 Booked 116 (20.7)   
## 02 Unbooked 430 (76.8)   
## NA 14 ( 2.5)   
## Q3.7\_Prenatal\_Visits (median [IQR]) 2.00 [1.00, 4.00]

## Stratified by Location  
## Chris Hani   
## n 371   
## Q1.1\_Age\_of\_Mother (mean (sd)) 28.82 (6.00)   
## Q1.6\_Race (%)   
## 01 Black 361 (97.3)   
## 02 White 2 ( 0.5)   
## 03 Coloured 5 ( 1.3)   
## 04 Asian 0 ( 0.0)   
## NA 3 ( 0.8)   
## Q1.7\_Gravidity (median [IQR]) 3.00 [2.00, 3.00]  
## Q1.8\_Parity (median [IQR]) 1.00 [1.00, 2.00]  
## Q2.4.5\_Length\_of\_Stay (median [IQR]) 3.00 [2.00, 5.00]  
## Q2.7\_Alive\_at\_Discharge (%)   
## 01 Yes 334 (90.0)   
## 02 No 0 ( 0.0)   
## NA 37 (10.0)   
## Q3.1\_Gestation\_Age\_Weeks (mean (sd)) 15.30 (10.23)   
## Gestation\_Age\_Weeks\_Grouped (%)   
## <14 169 (45.6)   
## 14-25 143 (38.5)   
## >25 51 (13.7)   
## NA 8 ( 2.2)   
## Q3.6\_Booking\_Status\_At\_Admission (%)   
## 01 Booked 71 (19.1)   
## 02 Unbooked 288 (77.6)   
## NA 12 ( 3.2)   
## Q3.7\_Prenatal\_Visits (median [IQR]) 2.00 [1.00, 3.00]  
## Stratified by Location  
## King Edward   
## n 189   
## Q1.1\_Age\_of\_Mother (mean (sd)) 27.54 (5.39)   
## Q1.6\_Race (%)   
## 01 Black 185 (97.9)   
## 02 White 0 ( 0.0)   
## 03 Coloured 1 ( 0.5)   
## 04 Asian 2 ( 1.1)   
## NA 1 ( 0.5)   
## Q1.7\_Gravidity (median [IQR]) 2.00 [2.00, 3.00]  
## Q1.8\_Parity (median [IQR]) 1.00 [1.00, 2.00]  
## Q2.4.5\_Length\_of\_Stay (median [IQR]) 4.00 [3.00, 7.00]  
## Q2.7\_Alive\_at\_Discharge (%)   
## 01 Yes 179 (94.7)   
## 02 No 2 ( 1.1)   
## NA 8 ( 4.2)   
## Q3.1\_Gestation\_Age\_Weeks (mean (sd)) 15.72 (10.71)   
## Gestation\_Age\_Weeks\_Grouped (%)   
## <14 98 (51.9)   
## 14-25 39 (20.6)   
## >25 36 (19.0)   
## NA 16 ( 8.5)   
## Q3.6\_Booking\_Status\_At\_Admission (%)   
## 01 Booked 45 (23.8)   
## 02 Unbooked 142 (75.1)   
## NA 2 ( 1.1)   
## Q3.7\_Prenatal\_Visits (median [IQR]) 3.00 [2.00, 5.00]

## Table 1 Plots



## Table 2

##   
## Overall   
## n 560   
## Q6.5\_Blood\_Transfusion\_Rationale (%)   
## \_Anaesthetic 3 ( 0.5)   
## \_ChronicAnemia 53 ( 9.5)   
## \_ChronicAnemia \_Other 7 ( 1.2)   
## \_OBHemorrhage 156 (27.9)   
## \_OBHemorrhage \_Anaesthetic 1 ( 0.2)   
## \_OBHemorrhage \_ChronicAnemia 1 ( 0.2)   
## \_OBHemorrhage \_Other 16 ( 2.9)   
## \_OBHemorrhage \_Surgical 2 ( 0.4)   
## \_Other 166 (29.6)   
## \_Other \_Unknown 2 ( 0.4)   
## \_Surgical 58 (10.4)   
## \_Surgical \_ChronicAnemia 1 ( 0.2)   
## NA 94 (16.8)   
## Q6.2\_Anemic\_Current\_Pregnancy (%)   
## 01 Yes 281 (50.2)   
## 02 No 43 ( 7.7)   
## 97 Unknown 138 (24.6)   
## NA 98 (17.5)   
## Q6.5a\_Anemia\_Etiology (%)   
## ChAnemia\_IronDef 52 ( 9.3)   
## ChAnemia\_VitB12Def 1 ( 0.2)   
## NA 507 (90.5)   
## Q5.1a\_Bleeding\_this\_Pregnancy (%)   
## 01 Yes 354 (63.2)   
## 02 No 163 (29.1)   
## 97 Unknown 4 ( 0.7)   
## NA 39 ( 7.0)   
## Q5.2\_Hemorrhage\_Cause (%)   
## \_AnteHemorrhageNS 2 ( 0.4)   
## \_AnteHemorrhageNS \_Unknown 1 ( 0.2)   
## \_BleedDandC 1 ( 0.2)   
## \_BleedSalpingooph 11 ( 2.0)   
## \_BlledSalpingoopherectomy 2 ( 0.4)   
## \_CompleteAbort 17 ( 3.0)   
## \_CompleteAbort \_Other 1 ( 0.2)   
## \_EltopicPreg 78 (13.9)   
## \_EltopicPreg \_BleedingSurgProc 1 ( 0.2)   
## \_EltopicPreg \_BleedingSurgProc \_BleedSalpingooph 1 ( 0.2)   
## \_EltopicPreg \_BleedSalpingooph 27 ( 4.8)   
## \_EltopicPreg \_BlledSalpingoopherectomy 4 ( 0.7)   
## \_EltopicPreg \_IncompleteAbort 1 ( 0.2)   
## \_EltopicPreg \_IncompleteAbort \_BlledSalpingoopherectomy 1 ( 0.2)   
## \_EltopicPreg \_ThreatenedAbort 1 ( 0.2)   
## \_IncompleteAbort 202 (36.1)   
## \_IncompleteAbort \_AnteHemorrhageNS \_Unknown 1 ( 0.2)   
## \_IncompleteAbort \_BleedDandC 15 ( 2.7)   
## \_IncompleteAbort \_BleedDandC \_Other 2 ( 0.4)   
## \_IncompleteAbort \_BleedHysterectomy 1 ( 0.2)   
## \_IncompleteAbort \_BleedHysterotomy 1 ( 0.2)   
## \_IncompleteAbort \_BleedingSurgProc \_BleedHysterectomy \_Other 1 ( 0.2)   
## \_IncompleteAbort \_BleedingSurgProc \_Other 1 ( 0.2)   
## \_IncompleteAbort \_CompleteAbort 6 ( 1.1)   
## \_IncompleteAbort \_Other 2 ( 0.4)   
## \_Other 13 ( 2.3)   
## \_PlacentalAbruption 2 ( 0.4)   
## \_PlacentalAbruption \_IncompleteAbort 1 ( 0.2)   
## \_PlacentalAbruption \_Other 1 ( 0.2)   
## \_PlacentalAbruption \_ThreatenedAbort 1 ( 0.2)   
## \_PlacentaPrevia 3 ( 0.5)   
## \_PlacentaPrevia \_IncompleteAbort \_BleedDandC 1 ( 0.2)   
## \_ThreatenedAbort 12 ( 2.1)   
## \_ThreatenedAbort \_AnteHemorrhageNS \_Other 1 ( 0.2)   
## \_ThreatenedAbort \_BleedDandC 10 ( 1.8)   
## \_ThreatenedAbort \_IncompleteAbort 3 ( 0.5)   
## \_ThreatenedAbort \_IncompleteAbort \_BleedDandC 3 ( 0.5)   
## \_ThreatenedAbort \_Other 2 ( 0.4)   
## \_Unknown 1 ( 0.2)   
## NA 125 (22.3)

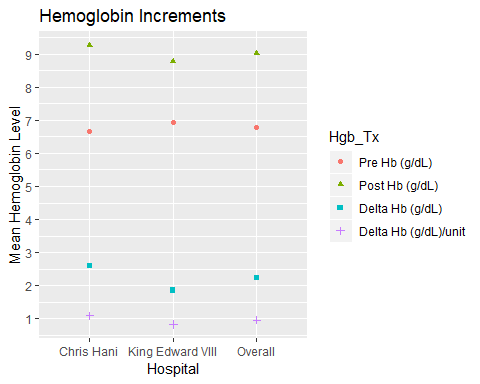
## Table 3

##   
## Overall   
## n 560   
## Q3.10\_Complications\_this\_Pregnancy (%)   
## 01 Yes 389 (69.5)   
## 02 No 118 (21.1)   
## 97 Unknown 4 ( 0.7)   
## NA 49 ( 8.8)   
## Q3.10a\_Type\_of\_Complications\_this\_Pregnancy (%)   
## \_GestroProrteinuricHn 5 ( 0.9)   
## \_GestroProrteinuricHn \_IntrauterineDeath \_Other 1 ( 0.2)   
## \_GestroProrteinuricHn \_MultiplePregs \_Other 1 ( 0.2)   
## \_GestroProrteinuricHn \_Other 4 ( 0.7)   
## \_IntrauterineDeath 7 ( 1.2)   
## \_IntrauterineDeath \_Other 1 ( 0.2)   
## \_Malposition 21 ( 3.8)   
## \_MultiplePregs 3 ( 0.5)   
## \_MultiplePregs \_Other 5 ( 0.9)   
## \_Other 273 (48.8)   
## \_Other \_Unknown 2 ( 0.4)   
## \_PlacentaPrevia 2 ( 0.4)   
## \_PlacentaPrevia \_Other 2 ( 0.4)   
## \_ThreatenedAbort 45 ( 8.0)   
## \_ThreatenedAbort \_IntrauterineDeath 2 ( 0.4)   
## \_ThreatenedAbort \_Other 2 ( 0.4)   
## \_Unknown 3 ( 0.5)   
## NA 181 (32.3)   
## Q3.11\_Complications\_this\_Admission (%)   
## 01 Yes 480 (85.7)   
## 02 No 63 (11.2)   
## NA 17 ( 3.0)   
## Q3.11a\_Type\_of\_Complications\_this\_Admission (%)   
## \_LocalSepsis 4 ( 0.7)   
## \_Other 13 ( 2.3)   
## \_Renal 2 ( 0.4)   
## \_SymptAnaemia 423 (75.5)   
## \_SymptAnaemia \_Cardiovascular \_Respiratory \_Other 1 ( 0.2)   
## \_SymptAnaemia \_Hepatic 1 ( 0.2)   
## \_SymptAnaemia \_LocalSepsis 5 ( 0.9)   
## \_SymptAnaemia \_LocalSepsis \_Other 1 ( 0.2)   
## \_SymptAnaemia \_Other 25 ( 4.5)   
## \_SymptAnaemia \_Renal 1 ( 0.2)   
## \_SymptAnaemia \_Respiratory 1 ( 0.2)   
## \_SystemicSepsis 1 ( 0.2)   
## NA 82 (14.6)

## Table 4 - Miscellaneous

##   
## Overall   
## n 560   
## Q6.1\_Previous\_Transfusion (%)   
## 01 Yes 38 ( 6.8)   
## 02 No 506 (90.4)   
## 97 Unknown 7 ( 1.2)   
## NA 9 ( 1.6)   
## Q6.1a\_Previous\_Transfusion\_When (%)   
## 01 DuringCurrentPregnancy 19 ( 3.4)   
## 02 DuringPreviousPregnancy 17 ( 3.0)   
## 03 ForANonObstetricReason 10 ( 1.8)   
## NA 514 (91.8)   
## Q6.3\_On\_Hematinic\_Therapy\_During\_Pregnancy (%)   
## 01 Yes 114 (20.4)   
## 02 No 290 (51.8)   
## 97 Unknown 42 ( 7.5)   
## NA 114 (20.4)   
## Q6.8\_Highest\_Level\_Discussed\_Transfusion (%)   
## 02 MedicalOfficer 1 ( 0.2)   
## 03 Registrar 417 (74.5)   
## 04 ObGynConsultant 108 (19.3)   
## 06 Critical Care 1 ( 0.2)   
## 97 Unknown 12 ( 2.1)   
## NA 21 ( 3.8)   
## Q6.9\_Patient\_Transfused\_Where (%)   
## 01 ReferringInstitution 19 ( 3.4)   
## 02 CurrentInstitution 493 (88.0)   
## NA 48 ( 8.6)   
## Q6.10\_Where\_Patient\_When\_Transfusion\_Started (%)   
## 01 Antenatal 83 (14.8)   
## 02 Labour 4 ( 0.7)   
## 03 Postnatal 33 ( 5.9)   
## 04 Theatre 143 (25.5)   
## 09 Outpatient 23 ( 4.1)   
## 10 Other 216 (38.6)   
## NA 58 (10.4)   
## Q6.11\_PreTransfusion\_Hemoglobin (mean (sd)) 6.88 (1.89)   
## Q6.11a\_Hemoglobin\_Method\_Used (%)   
## 01 FBC 311 (55.5)   
## 02 Blood 10 ( 1.8)   
## 03 Gas 201 (35.9)   
## 04 PointOfCare 2 ( 0.4)   
## 05 Other 18 ( 3.2)   
## 97 Unknown 6 ( 1.1)   
## NA 12 ( 2.1)   
## Q6.11b\_Were\_Results\_Obtained\_Before\_Transfusion (%)   
## 01 Yes 375 (67.0)   
## 02 No 12 ( 2.1)   
## 97 Unknown 12 ( 2.1)   
## NA 161 (28.7)

## Figure 1. Bar graphs of blood products administered



## Crosstabs: Q6.2 (anemic curr.) and Q6.5 (med. rationale)

aim3\_chki.tx.conf$Hemorrhage<-aim3\_chki.tx.conf$ATF\_MedicalRationaleForTx  
aim3\_chki.tx.conf$Hemorrhage<-gsub(  
 ".\*Hemorrhage.\*","Hemorrhage",aim3\_chki.tx.conf$Hemorrhage)  
aim3\_chki.tx.conf$Hemorrhage<-ifelse(  
 aim3\_chki.tx.conf$Hemorrhage=="Hemorrhage","Hemorrhage",  
 ifelse(aim3\_chki.tx.conf$Hemorrhage=="NA","NA","Not Hemorrhage"))  
summary(freqlist(table(aim3\_chki.tx.conf$ATF\_IdAnemicDuringCurrPreg,  
 aim3\_chki.tx.conf$Hemorrhage,  
 useNA = "ifany"),  
 labelTranslations = c("Anemic Curr. Preg.",  
 "Bleeding This Preg.")))

##   
##   
## |Anemic Curr. Preg. |Bleeding This Preg. | Freq| cumFreq| freqPercent| cumPercent|  
## |:------------------|:-------------------|----:|-------:|-----------:|----------:|  
## |01 Yes |Hemorrhage | 63| 63| 11.25| 11.25|  
## | |Not Hemorrhage | 193| 256| 34.46| 45.71|  
## | |NA | 25| 281| 4.46| 50.18|  
## |02 No |Hemorrhage | 28| 309| 5.00| 55.18|  
## | |Not Hemorrhage | 7| 316| 1.25| 56.43|  
## | |NA | 8| 324| 1.43| 57.86|  
## |97 Unknown |Hemorrhage | 28| 352| 5.00| 62.86|  
## | |Not Hemorrhage | 71| 423| 12.68| 75.54|  
## | |NA | 39| 462| 6.96| 82.50|  
## |NA |Hemorrhage | 57| 519| 10.18| 92.68|  
## | |Not Hemorrhage | 19| 538| 3.39| 96.07|  
## | |NA | 22| 560| 3.93| 100.00|

## Crosstabs: Q6.2 (anemic curr.) and Q5.1a (bleeding this preg.)

summary(freqlist(table(aim3\_chki.tx.conf$ATF\_IdAnemicDuringCurrPreg,  
 aim3\_chki.tx.conf$ATF\_BleedingThisPreg,  
 useNA = "ifany"),  
 labelTranslations = c("Anemic Curr. Preg.",  
 "Bleeding This Preg.")))

##   
##   
## |Anemic Curr. Preg. |Bleeding This Preg. | Freq| cumFreq| freqPercent| cumPercent|  
## |:------------------|:-------------------|----:|-------:|-----------:|----------:|  
## |01 Yes |01 Yes | 163| 163| 29.11| 29.11|  
## | |02 No | 110| 273| 19.64| 48.75|  
## | |97 Unknown | 1| 274| 0.18| 48.93|  
## | |NA | 7| 281| 1.25| 50.18|  
## |02 No |01 Yes | 27| 308| 4.82| 55.00|  
## | |02 No | 11| 319| 1.96| 56.96|  
## | |97 Unknown | 2| 321| 0.36| 57.32|  
## | |NA | 3| 324| 0.54| 57.86|  
## |97 Unknown |01 Yes | 111| 435| 19.82| 77.68|  
## | |02 No | 21| 456| 3.75| 81.43|  
## | |97 Unknown | 1| 457| 0.18| 81.61|  
## | |NA | 5| 462| 0.89| 82.50|  
## |NA |01 Yes | 53| 515| 9.46| 91.96|  
## | |02 No | 21| 536| 3.75| 95.71|  
## | |NA | 24| 560| 4.29| 100.00|

## Crosstabs: anemic.and.bleeding with Q5.1a (bleeding) and Q6.2 (anemic curr. preg.)

anemic.and.bleeding<-NA  
anemic.and.bleeding[  
 aim3\_chki.tx.conf$ATF\_IdAnemicDuringCurrPreg=="01 Yes" &   
 aim3\_chki.tx.conf$ATF\_BleedingThisPreg=="01 Yes"  
 ]<-"Both"  
anemic.and.bleeding[  
 aim3\_chki.tx.conf$ATF\_BleedingThisPreg=="01 Yes" &   
 (aim3\_chki.tx.conf$ATF\_IdAnemicDuringCurrPreg=="02 No" |   
 aim3\_chki.tx.conf$ATF\_IdAnemicDuringCurrPreg=="97 Unknown" |   
 is.na(aim3\_chki.tx.conf$ATF\_IdAnemicDuringCurrPreg))  
 ]<-"Bleeding\_Only"  
anemic.and.bleeding[  
 aim3\_chki.tx.conf$ATF\_IdAnemicDuringCurrPreg=="01 Yes" &   
 aim3\_chki.tx.conf$ATF\_BleedingThisPreg=="02 No"  
 ]<-"Anemia\_Only"  
anemic.and.bleeding[  
 aim3\_chki.tx.conf$ATF\_BleedingThisPreg=="02 No" &   
 (aim3\_chki.tx.conf$ATF\_IdAnemicDuringCurrPreg=="02 No" |   
 aim3\_chki.tx.conf$ATF\_IdAnemicDuringCurrPreg=="97 Unknown" |   
 is.na(aim3\_chki.tx.conf$ATF\_IdAnemicDuringCurrPreg))  
 ]<-"Neither"  
#anemic.and.bleeding with Q5.1a (bleeding) and Q6.2 (anemic curr. preg.)  
bleeding.this.preg.nona<-aim3\_chki.tx.conf$ATF\_BleedingThisPreg  
bleeding.this.preg.nona[bleeding.this.preg.nona=="97 Unknown"]<-NA  
summary(freqlist(table(anemic.and.bleeding,  
 bleeding.this.preg.nona,  
 aim3\_chki.tx.conf$ATF\_IdAnemicDuringCurrPreg,  
 useNA = "ifany"),  
 labelTranslations = c("Anemic\*Bleeding",  
 "Bleeding this Preg.",  
 "Anemic Curr. Preg.")))

##   
##   
## |Anemic\*Bleeding |Bleeding this Preg. |Anemic Curr. Preg. | Freq| cumFreq| freqPercent| cumPercent|  
## |:---------------|:-------------------|:------------------|----:|-------:|-----------:|----------:|  
## |Anemia\_Only |02 No |01 Yes | 110| 110| 19.64| 19.64|  
## |Bleeding\_Only |01 Yes |02 No | 27| 137| 4.82| 24.46|  
## | | |97 Unknown | 111| 248| 19.82| 44.29|  
## | | |NA | 53| 301| 9.46| 53.75|  
## |Both |01 Yes |01 Yes | 163| 464| 29.11| 82.86|  
## |Neither |02 No |02 No | 11| 475| 1.96| 84.82|  
## | | |97 Unknown | 21| 496| 3.75| 88.57|  
## | | |NA | 21| 517| 3.75| 92.32|  
## |NA |NA |01 Yes | 8| 525| 1.43| 93.75|  
## | | |02 No | 5| 530| 0.89| 94.64|  
## | | |97 Unknown | 6| 536| 1.07| 95.71|  
## | | |NA | 24| 560| 4.29| 100.00|

## Crosstabs: Anemic\*Bleeding and Q6.5 (blood tx. rationale)

attach(aim3\_chki.tx.conf)

summary(freqlist(table(anemic.and.bleeding,  
 ATF\_MedicalRationaleForTx,  
 useNA = "ifany"),  
 labelTranslations = c("Anemic\*Bleeding",  
 "Med. Rationale Tx.")))

##   
##   
## |Anemic\*Bleeding |Med. Rationale Tx. | Freq| cumFreq| freqPercent| cumPercent|  
## |:---------------|:-----------------------------|----:|-------:|-----------:|----------:|  
## |Anemia\_Only |\_ChronicAnemia | 45| 45| 8.04| 8.04|  
## | |\_ChronicAnemia \_Other | 5| 50| 0.89| 8.93|  
## | |\_OBHemorrhage | 3| 53| 0.54| 9.46|  
## | |\_OBHemorrhage \_Other | 2| 55| 0.36| 9.82|  
## | |\_OBHemorrhage \_Surgical | 2| 57| 0.36| 10.18|  
## | |\_Other | 25| 82| 4.46| 14.64|  
## | |\_Surgical | 8| 90| 1.43| 16.07|  
## | |\_Surgical \_ChronicAnemia | 1| 91| 0.18| 16.25|  
## | |NA | 19| 110| 3.39| 19.64|  
## |Bleeding\_Only |\_Anaesthetic | 1| 111| 0.18| 19.82|  
## | |\_ChronicAnemia \_Other | 2| 113| 0.36| 20.18|  
## | |\_OBHemorrhage | 74| 187| 13.21| 33.39|  
## | |\_OBHemorrhage \_Other | 5| 192| 0.89| 34.29|  
## | |\_Other | 44| 236| 7.86| 42.14|  
## | |\_Surgical | 22| 258| 3.93| 46.07|  
## | |NA | 43| 301| 7.68| 53.75|  
## |Both |\_ChronicAnemia | 5| 306| 0.89| 54.64|  
## | |\_OBHemorrhage | 49| 355| 8.75| 63.39|  
## | |\_OBHemorrhage \_ChronicAnemia | 1| 356| 0.18| 63.57|  
## | |\_OBHemorrhage \_Other | 3| 359| 0.54| 64.11|  
## | |\_Other | 85| 444| 15.18| 79.29|  
## | |\_Other \_Unknown | 2| 446| 0.36| 79.64|  
## | |\_Surgical | 14| 460| 2.50| 82.14|  
## | |NA | 4| 464| 0.71| 82.86|  
## |Neither |\_Anaesthetic | 1| 465| 0.18| 83.04|  
## | |\_ChronicAnemia | 2| 467| 0.36| 83.39|  
## | |\_OBHemorrhage | 11| 478| 1.96| 85.36|  
## | |\_OBHemorrhage \_Anaesthetic | 1| 479| 0.18| 85.54|  
## | |\_OBHemorrhage \_Other | 2| 481| 0.36| 85.89|  
## | |\_Other | 8| 489| 1.43| 87.32|  
## | |\_Surgical | 12| 501| 2.14| 89.46|  
## | |NA | 16| 517| 2.86| 92.32|  
## |NA |\_Anaesthetic | 1| 518| 0.18| 92.50|  
## | |\_ChronicAnemia | 1| 519| 0.18| 92.68|  
## | |\_OBHemorrhage | 19| 538| 3.39| 96.07|  
## | |\_OBHemorrhage \_Other | 4| 542| 0.71| 96.79|  
## | |\_Other | 4| 546| 0.71| 97.50|  
## | |\_Surgical | 2| 548| 0.36| 97.86|  
## | |NA | 12| 560| 2.14| 100.00|

detach(aim3\_chki.tx.conf)

## Crosstabs: Gestation Age Weeks Grouped and Blood Tx. Rationale

summary(freqlist(table(aim3\_chki.tx.conf$gest.wks.tri,  
 aim3\_chki.tx.conf$ATF\_MedicalRationaleForTx,  
 useNA = "ifany"),  
 labelTranslations = c("Gest. Age. Group",  
 "Med. Rationale Tx.")))

##   
##   
## |Gest. Age. Group |Med. Rationale Tx. | Freq| cumFreq| freqPercent| cumPercent|  
## |:----------------|:-----------------------------|----:|-------:|-----------:|----------:|  
## |<14 |\_ChronicAnemia | 6| 6| 1.07| 1.07|  
## | |\_ChronicAnemia \_Other | 1| 7| 0.18| 1.25|  
## | |\_OBHemorrhage | 76| 83| 13.57| 14.82|  
## | |\_OBHemorrhage \_ChronicAnemia | 1| 84| 0.18| 15.00|  
## | |\_OBHemorrhage \_Other | 7| 91| 1.25| 16.25|  
## | |\_OBHemorrhage \_Surgical | 1| 92| 0.18| 16.43|  
## | |\_Other | 94| 186| 16.79| 33.21|  
## | |\_Other \_Unknown | 1| 187| 0.18| 33.39|  
## | |\_Surgical | 48| 235| 8.57| 41.96|  
## | |\_Surgical \_ChronicAnemia | 1| 236| 0.18| 42.14|  
## | |NA | 31| 267| 5.54| 47.68|  
## |14-25 |\_Anaesthetic | 1| 268| 0.18| 47.86|  
## | |\_ChronicAnemia | 8| 276| 1.43| 49.29|  
## | |\_ChronicAnemia \_Other | 4| 280| 0.71| 50.00|  
## | |\_OBHemorrhage | 68| 348| 12.14| 62.14|  
## | |\_OBHemorrhage \_Anaesthetic | 1| 349| 0.18| 62.32|  
## | |\_OBHemorrhage \_Other | 8| 357| 1.43| 63.75|  
## | |\_OBHemorrhage \_Surgical | 1| 358| 0.18| 63.93|  
## | |\_Other | 46| 404| 8.21| 72.14|  
## | |\_Surgical | 7| 411| 1.25| 73.39|  
## | |NA | 38| 449| 6.79| 80.18|  
## |>25 |\_Anaesthetic | 1| 450| 0.18| 80.36|  
## | |\_ChronicAnemia | 39| 489| 6.96| 87.32|  
## | |\_ChronicAnemia \_Other | 2| 491| 0.36| 87.68|  
## | |\_OBHemorrhage | 9| 500| 1.61| 89.29|  
## | |\_OBHemorrhage \_Other | 1| 501| 0.18| 89.46|  
## | |\_Other | 13| 514| 2.32| 91.79|  
## | |\_Other \_Unknown | 1| 515| 0.18| 91.96|  
## | |NA | 21| 536| 3.75| 95.71|  
## |NA |\_Anaesthetic | 1| 537| 0.18| 95.89|  
## | |\_OBHemorrhage | 3| 540| 0.54| 96.43|  
## | |\_Other | 13| 553| 2.32| 98.75|  
## | |\_Surgical | 3| 556| 0.54| 99.29|  
## | |NA | 4| 560| 0.71| 100.00|

## Crosstabs: Gestation Age Weeks Grouped and Booking Status at Admission

summary(freqlist(table(aim3\_chki.tx.conf$gest.wks.tri,  
 aim3\_chki.tx.conf$ATF\_BookingStatusAtAdm,  
 useNA = "ifany")),  
 labelTranslations = c("Gest. Age Grouped",  
 "Booking Status at Adm."))

##   
##   
## |Gest. Age Grouped |Booking Status at Adm. | Freq| cumFreq| freqPercent| cumPercent|  
## |:-----------------|:----------------------|----:|-------:|-----------:|----------:|  
## |<14 |01 Booked | 8| 8| 1.43| 1.43|  
## | |02 Unbooked | 253| 261| 45.18| 46.61|  
## | |NA | 6| 267| 1.07| 47.68|  
## |14-25 |01 Booked | 33| 300| 5.89| 53.57|  
## | |02 Unbooked | 146| 446| 26.07| 79.64|  
## | |NA | 3| 449| 0.54| 80.18|  
## |>25 |01 Booked | 75| 524| 13.39| 93.57|  
## | |02 Unbooked | 8| 532| 1.43| 95.00|  
## | |NA | 4| 536| 0.71| 95.71|  
## |NA |02 Unbooked | 23| 559| 4.11| 99.82|  
## | |NA | 1| 560| 0.18| 100.00|

## Frequency of HIV Status with 97 Unknown as NA

aim3\_chki.tx.conf$ATF\_HIVStatusAtBooking[  
 aim3\_chki.tx.conf$ATF\_HIVStatusAtBooking=="97 Unknown"]<-NA  
aim3\_chki.tx.conf$ATF\_HIVStatusDelvAdmission[  
 aim3\_chki.tx.conf$ATF\_HIVStatusDelvAdmission=="97 Unknown"]<-NA  
aim3\_chki.tx.conf$ATF\_HIVStatusOthTest[  
 aim3\_chki.tx.conf$ATF\_HIVStatusOthTest=="97 Unknown"]<-NA  
aim3\_chki.tx.conf$ATF\_HIVStatusOthTest2[  
 aim3\_chki.tx.conf$ATF\_HIVStatusOthTest2=="97 Unknown"]<-NA  
attach(aim3\_chki.tx.conf)

summary(freqlist(table(ATF\_HIVStatusAtBooking,  
 ATF\_HIVStatusDelvAdmission,  
 ATF\_HIVStatusOthTest,  
 useNA = "ifany"),  
 labelTranslations = c("@ Book",  
 "@ Adm.",  
 "@ Other Preg. Tests")))

##   
##   
## |@ Book |@ Adm. |@ Other Preg. Tests | Freq| cumFreq| freqPercent| cumPercent|  
## |:-------|:-------|:-------------------|----:|-------:|-----------:|----------:|  
## |01 HIV+ |01 HIV+ |NA | 13| 13| 2.32| 2.32|  
## | |NA |01 HIV+ | 2| 15| 0.36| 2.68|  
## | | |NA | 89| 104| 15.89| 18.57|  
## |02 HIV- |02 HIV- |NA | 13| 117| 2.32| 20.89|  
## | |NA |02 HIV- | 3| 120| 0.54| 21.43|  
## | | |NA | 91| 211| 16.25| 37.68|  
## |NA |01 HIV+ |NA | 32| 243| 5.71| 43.39|  
## | |02 HIV- |NA | 37| 280| 6.61| 50.00|  
## | |NA |01 HIV+ | 22| 302| 3.93| 53.93|  
## | | |02 HIV- | 19| 321| 3.39| 57.32|  
## | | |NA | 239| 560| 42.68| 100.00|

detach(aim3\_chki.tx.conf)

## Frequency of Prior ART Status

summary(freqlist(table(aim3\_chki.tx.conf$ATF\_OnARTPriorThisPreg,  
 useNA = "ifany"),  
 labelTranslations = "On ART Prior to Preg.?"))

##   
##   
## |On ART Prior to Preg.? | Freq| cumFreq| freqPercent| cumPercent|  
## |:----------------------|----:|-------:|-----------:|----------:|  
## |01 Yes | 54| 54| 9.64| 9.64|  
## |02 No | 94| 148| 16.79| 26.43|  
## |97 Unknown | 6| 154| 1.07| 27.50|  
## |Skip | 72| 226| 12.86| 40.36|  
## |NA | 334| 560| 59.64| 100.00|

## Frequency of PMTCT

summary(freqlist(table(aim3\_chki.tx.conf$ATF\_PMTCTThisPreg,  
 useNA = "ifany"),  
 labelTranslations = "On PMTCT this Preg.?"))

##   
##   
## |On PMTCT this Preg.? | Freq| cumFreq| freqPercent| cumPercent|  
## |:--------------------|----:|-------:|-----------:|----------:|  
## |01 Yes | 68| 68| 12.14| 12.14|  
## |02 No | 80| 148| 14.29| 26.43|  
## |97 Unknown | 3| 151| 0.54| 26.96|  
## |NA | 409| 560| 73.04| 100.00|

## Crosstab of HIV Status with Anemic\*Bleeding

attach(aim3\_chki.tx.conf)  
#for each HIV Status column  
ATF\_HIVStatusAtBooking[ATF\_HIVStatusAtBooking=="97 Unknown"]<-NA  
ATF\_HIVStatusDelvAdmission[ATF\_HIVStatusDelvAdmission=="97 Unknown"]<-NA  
ATF\_HIVStatusOthTest[ATF\_HIVStatusOthTest=="97 Unknown"]<-NA  
summary(freqlist(table(ATF\_HIVStatusAtBooking,  
 ATF\_HIVStatusDelvAdmission,  
 ATF\_HIVStatusOthTest,  
 anemic.and.bleeding,  
 useNA = "ifany"),  
 labelTranslations = c("@ Book",  
 "@ Adm.",  
 "@ Other Preg. Tests",  
 "Anemic\*Bleeding")))

##   
##   
## |@ Book |@ Adm. |@ Other Preg. Tests |Anemic\*Bleeding | Freq| cumFreq| freqPercent| cumPercent|  
## |:-------|:-------|:-------------------|:---------------|----:|-------:|-----------:|----------:|  
## |01 HIV+ |01 HIV+ |NA |Anemia\_Only | 4| 4| 0.71| 0.71|  
## | | | |Bleeding\_Only | 7| 11| 1.25| 1.96|  
## | | | |Neither | 2| 13| 0.36| 2.32|  
## | |NA |01 HIV+ |Anemia\_Only | 2| 15| 0.36| 2.68|  
## | | |NA |Anemia\_Only | 42| 57| 7.50| 10.18|  
## | | | |Bleeding\_Only | 32| 89| 5.71| 15.89|  
## | | | |Both | 3| 92| 0.54| 16.43|  
## | | | |Neither | 8| 100| 1.43| 17.86|  
## | | | |NA | 4| 104| 0.71| 18.57|  
## |02 HIV- |02 HIV- |NA |Anemia\_Only | 2| 106| 0.36| 18.93|  
## | | | |Bleeding\_Only | 4| 110| 0.71| 19.64|  
## | | | |Neither | 4| 114| 0.71| 20.36|  
## | | | |NA | 3| 117| 0.54| 20.89|  
## | |NA |02 HIV- |Anemia\_Only | 2| 119| 0.36| 21.25|  
## | | | |Both | 1| 120| 0.18| 21.43|  
## | | |NA |Anemia\_Only | 21| 141| 3.75| 25.18|  
## | | | |Bleeding\_Only | 45| 186| 8.04| 33.21|  
## | | | |Both | 6| 192| 1.07| 34.29|  
## | | | |Neither | 12| 204| 2.14| 36.43|  
## | | | |NA | 7| 211| 1.25| 37.68|  
## |NA |01 HIV+ |NA |Anemia\_Only | 3| 214| 0.54| 38.21|  
## | | | |Bleeding\_Only | 11| 225| 1.96| 40.18|  
## | | | |Both | 7| 232| 1.25| 41.43|  
## | | | |Neither | 7| 239| 1.25| 42.68|  
## | | | |NA | 4| 243| 0.71| 43.39|  
## | |02 HIV- |NA |Anemia\_Only | 3| 246| 0.54| 43.93|  
## | | | |Bleeding\_Only | 17| 263| 3.04| 46.96|  
## | | | |Both | 12| 275| 2.14| 49.11|  
## | | | |Neither | 1| 276| 0.18| 49.29|  
## | | | |NA | 4| 280| 0.71| 50.00|  
## | |NA |01 HIV+ |Anemia\_Only | 8| 288| 1.43| 51.43|  
## | | | |Bleeding\_Only | 1| 289| 0.18| 51.61|  
## | | | |Both | 13| 302| 2.32| 53.93|  
## | | |02 HIV- |Anemia\_Only | 4| 306| 0.71| 54.64|  
## | | | |Both | 15| 321| 2.68| 57.32|  
## | | |NA |Anemia\_Only | 19| 340| 3.39| 60.71|  
## | | | |Bleeding\_Only | 74| 414| 13.21| 73.93|  
## | | | |Both | 106| 520| 18.93| 92.86|  
## | | | |Neither | 19| 539| 3.39| 96.25|  
## | | | |NA | 21| 560| 3.75| 100.00|

detach(aim3\_chki.tx.conf)

## Crosstabs of Overall HIV Status and Anemic\*Bleeding

attach(aim3\_chki.tx.conf)  
hiv.mat<-cbind(ATF\_HIVStatusAtBooking,  
 ATF\_HIVStatusDelvAdmission,  
 ATF\_HIVStatusOthTest)  
detach(aim3\_chki.tx.conf)  
hiv.mat[hiv.mat=="01 HIV+"]<-1  
hiv.mat[hiv.mat=="02 HIV-"]<--2  
hiv.mat<-as.numeric(hiv.mat)  
dim(hiv.mat)<-c(560,3)  
hivstatus<-rowSums(hiv.mat,na.rm = TRUE)  
hivstatus[hivstatus=="0"]<-NA  
hivstatus[hivstatus=="-2" |   
 hivstatus=="-4"]<-"02 HIV-"  
hivstatus[hivstatus=="1" |   
 hivstatus=="2"]<-"01 HIV+"  
summary(freqlist(table(hivstatus,  
 anemic.and.bleeding,  
 useNA = "ifany"),  
 labelTranslations = c("Overall HIV Status",  
 "Anemic\*Bleeding")))

##   
##   
## |Overall HIV Status |Anemic\*Bleeding | Freq| cumFreq| freqPercent| cumPercent|  
## |:------------------|:---------------|----:|-------:|-----------:|----------:|  
## |01 HIV+ |Anemia\_Only | 59| 59| 10.54| 10.54|  
## | |Bleeding\_Only | 51| 110| 9.11| 19.64|  
## | |Both | 23| 133| 4.11| 23.75|  
## | |Neither | 17| 150| 3.04| 26.79|  
## | |NA | 8| 158| 1.43| 28.21|  
## |02 HIV- |Anemia\_Only | 32| 190| 5.71| 33.93|  
## | |Bleeding\_Only | 66| 256| 11.79| 45.71|  
## | |Both | 34| 290| 6.07| 51.79|  
## | |Neither | 17| 307| 3.04| 54.82|  
## | |NA | 14| 321| 2.50| 57.32|  
## |NA |Anemia\_Only | 19| 340| 3.39| 60.71|  
## | |Bleeding\_Only | 74| 414| 13.21| 73.93|  
## | |Both | 106| 520| 18.93| 92.86|  
## | |Neither | 19| 539| 3.39| 96.25|  
## | |NA | 21| 560| 3.75| 100.00|