Table Shells Cleaned - Chris and Edward

Adam Jauregui

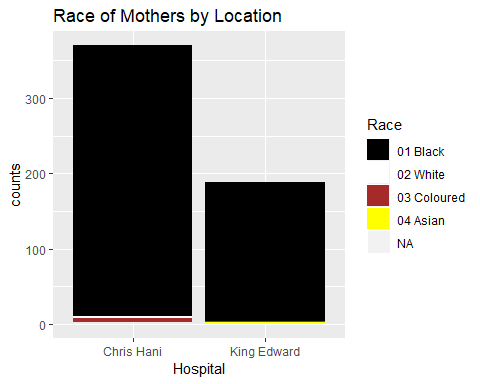
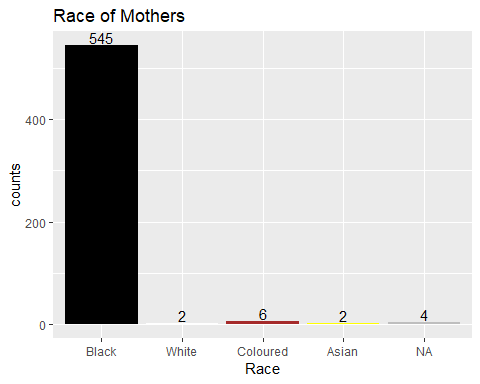
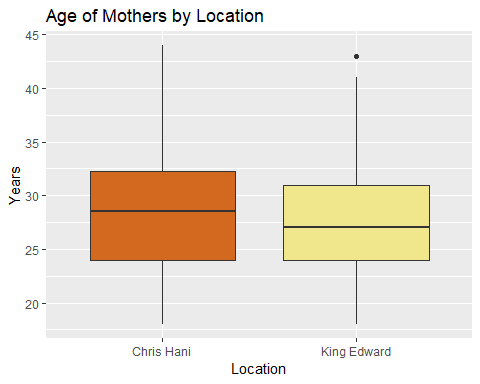
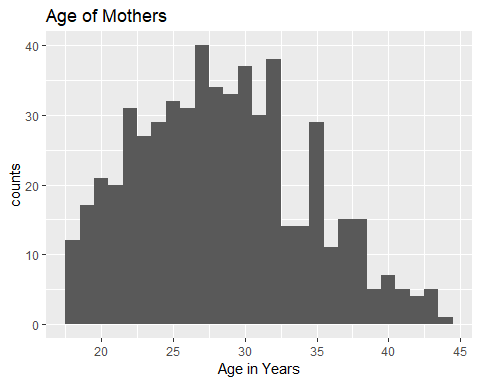
December 3, 2018

## Table 1 - Characteristics of Study Population

##   
## Overall   
## n 559   
## Age\_of\_Mother (mean (sd)) 28.38 (5.83)   
## Race (%)   
## 01 Black 545 (97.5)   
## 02 White 2 ( 0.4)   
## 03 Coloured 6 ( 1.1)   
## 04 Asian 2 ( 0.4)   
## NA 4 ( 0.7)   
## Gravidity (median [IQR]) 3.00 [2.00, 3.00]  
## Parity (median [IQR]) 1.00 [1.00, 2.00]  
## Gestation\_Age\_Weeks (mean (sd)) 15.39 (10.35)   
## Booking\_Status\_At\_Admission (%)   
## 01 Booked 115 (20.6)   
## 02 Unbooked 430 (76.9)   
## NA 14 ( 2.5)   
## Gestation\_Age\_Weeks\_Grouped (%)   
## <14 267 (47.8)   
## 14-25 182 (32.6)   
## >25 86 (15.4)   
## NA 24 ( 4.3)   
## Length\_of\_Stay (median [IQR]) 3.00 [2.00, 5.00]  
## Prenatal\_Visits (median [IQR]) 2.00 [1.00, 4.00]  
## Alive\_at\_Discharge (%)   
## 01 Yes 513 (91.8)   
## 02 No 2 ( 0.4)   
## NA 44 ( 7.9)

## Stratified by Location  
## Chris Hani King Edward   
## n 370 189   
## Age\_of\_Mother (mean (sd)) 28.82 (6.00) 27.54 (5.39)   
## Race (%)   
## 01 Black 360 (97.3) 185 (97.9)   
## 02 White 2 ( 0.5) 0 ( 0.0)   
## 03 Coloured 5 ( 1.4) 1 ( 0.5)   
## 04 Asian 0 ( 0.0) 2 ( 1.1)   
## NA 3 ( 0.8) 1 ( 0.5)   
## Gravidity (median [IQR]) 3.00 [2.00, 3.00] 2.00 [2.00, 3.00]  
## Parity (median [IQR]) 1.00 [1.00, 2.00] 1.00 [1.00, 2.00]  
## Gestation\_Age\_Weeks (mean (sd)) 15.24 (10.18) 15.72 (10.71)   
## Booking\_Status\_At\_Admission (%)   
## 01 Booked 70 (18.9) 45 (23.8)   
## 02 Unbooked 288 (77.8) 142 (75.1)   
## NA 12 ( 3.2) 2 ( 1.1)   
## Gestation\_Age\_Weeks\_Grouped (%)   
## <14 169 (45.7) 98 (51.9)   
## 14-25 143 (38.6) 39 (20.6)   
## >25 50 (13.5) 36 (19.0)   
## NA 8 ( 2.2) 16 ( 8.5)   
## Length\_of\_Stay (median [IQR]) 3.00 [2.00, 5.00] 4.00 [3.00, 7.00]  
## Prenatal\_Visits (median [IQR]) 2.00 [1.00, 3.00] 3.00 [2.00, 5.00]  
## Alive\_at\_Discharge (%)   
## 01 Yes 334 (90.3) 179 (94.7)   
## 02 No 0 ( 0.0) 2 ( 1.1)   
## NA 36 ( 9.7) 8 ( 4.2)

## Table 1 Plots



## Table 2

##   
## Overall   
## n 559   
## Transfused (%)   
## 01 Yes 530 (94.8)   
## 02 No 1 ( 0.2)   
## NA 28 ( 5.0)   
## Blood\_Transfusion\_Rationale (%)   
## \_Anaesthetic 3 ( 0.5)   
## \_ChronicAnemia 53 ( 9.5)   
## \_ChronicAnemia \_Other 7 ( 1.3)   
## \_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 (29.7)   
## \_Other \_Unknown 2 ( 0.4)   
## \_Surgical 58 (10.4)   
## \_Surgical \_ChronicAnemia 1 ( 0.2)   
## NA 93 (16.6)   
## Anemic\_Current\_Pregnancy (%)   
## 01 Yes 280 (50.1)   
## 02 No 43 ( 7.7)   
## 97 Unknown 138 (24.7)   
## NA 98 (17.5)   
## Anemia\_Etiology (%)   
## ChAnemia\_IronDef 51 ( 9.1)   
## ChAnemia\_VitB12Def 1 ( 0.2)   
## NA 507 (90.7)   
## Bleeding\_this\_Pregnancy (%)   
## 01 Yes 354 (63.3)   
## 02 No 162 (29.0)   
## 97 Unknown 4 ( 0.7)   
## NA 39 ( 7.0)   
## 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 (14.0)   
## \_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 124 (22.2)

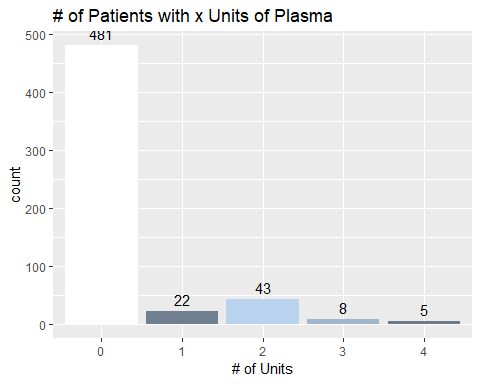
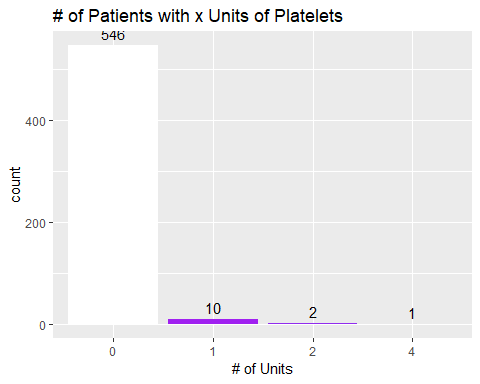
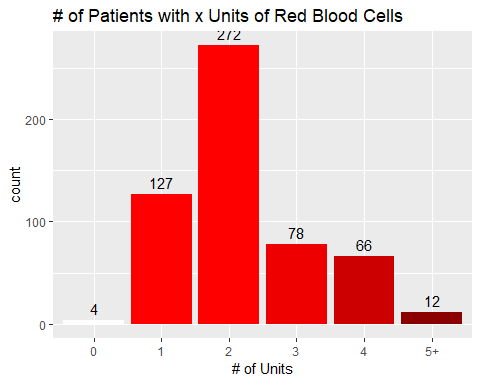
## Table 3

##   
## Overall   
## n 559   
## Complications\_this\_Pregnancy (%)   
## 01 Yes 389 (69.6)   
## 02 No 117 (20.9)   
## 97 Unknown 4 ( 0.7)   
## NA 49 ( 8.8)   
## 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 ( 1.3)   
## \_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 ( 8.1)   
## \_ThreatenedAbort \_IntrauterineDeath 2 ( 0.4)   
## \_ThreatenedAbort \_Other 2 ( 0.4)   
## \_Unknown 3 ( 0.5)   
## NA 180 (32.2)   
## Complications\_this\_Admission (%)   
## 01 Yes 479 (85.7)   
## 02 No 63 (11.3)   
## NA 17 ( 3.0)   
## Type\_of\_Complications\_this\_Admission (%)   
## \_LocalSepsis 4 ( 0.7)   
## \_Other 13 ( 2.3)   
## \_Renal 2 ( 0.4)   
## \_SymptAnaemia 422 (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 (14.7)

## Table 4 - Miscellaneous

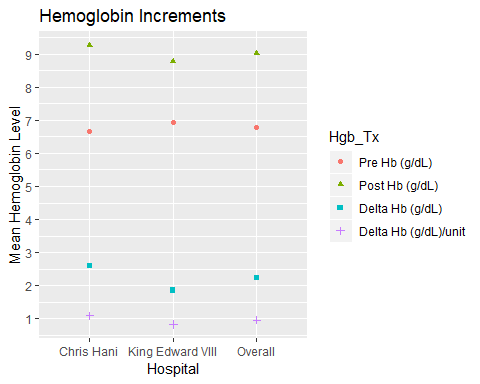
##   
## Overall   
## n 559   
## Previous\_Transfusion (%)   
## 01 Yes 38 ( 6.8)   
## 02 No 505 (90.3)   
## 97 Unknown 7 ( 1.3)   
## NA 9 ( 1.6)   
## Previous\_Transfusion\_When (%)   
## 01 DuringCurrentPregnancy 19 ( 3.4)   
## 02 DuringPreviousPregnancy 17 ( 3.0)   
## 03 ForANonObstetricReason 10 ( 1.8)   
## NA 513 (91.8)   
## Anemia\_Treatment (%)   
## 01 Yes 113 (20.2)   
## 02 No 290 (51.9)   
## 97 Unknown 42 ( 7.5)   
## NA 114 (20.4)   
## Who\_Ordered\_Transfusion (%)   
## 02 MedicalOfficer 1 ( 0.2)   
## 03 Registrar 416 (74.4)   
## 04 ObGynConsultant 108 (19.3)   
## 06 Critical Care 1 ( 0.2)   
## 97 Unknown 12 ( 2.1)   
## NA 21 ( 3.8)   
## Patient\_Transfused\_Where (%)   
## 01 ReferringInstitution 19 ( 3.4)   
## 02 CurrentInstitution 492 (88.0)   
## NA 48 ( 8.6)   
## Where\_Patient\_Transfused\_Start (%)   
## 01 Antenatal 82 (14.7)   
## 02 Labour 4 ( 0.7)   
## 03 Postnatal 33 ( 5.9)   
## 04 Theatre 143 (25.6)   
## 09 Outpatient 23 ( 4.1)   
## 10 Other 216 (38.6)   
## NA 58 (10.4)   
## PreTransfusion\_Hemoglobin (mean (sd)) 6.87 (1.89)   
## Hemoglobin\_Method\_Used (%)   
## 01 FBC 310 (55.5)   
## 02 Blood 10 ( 1.8)   
## 03 Gas 201 (36.0)   
## 04 PointOfCare 2 ( 0.4)   
## 05 Other 18 ( 3.2)   
## 97 Unknown 6 ( 1.1)   
## NA 12 ( 2.1)   
## Where\_Results\_Obtained\_Before\_Transfusion (%)   
## 01 Yes 374 (66.9)   
## 02 No 12 ( 2.1)   
## 97 Unknown 12 ( 2.1)   
## NA 161 (28.8)

## Figure 1. Bar graphs of blood products administered



## Location Pretransfusion\_Hgb Posttransfusion\_Hgb   
## NA 6.7892377 9.0363229   
## Delta\_Hgb RBC\_unit DeltaHgb\_div\_RBCUnit   
## 2.2470852 2.3408072 0.9676981

## Group.1 Pretransfusion\_Hgb Posttransfusion\_Hgb Delta\_Hgb RBC\_unit  
## 1 Chris Hani 6.655652 9.264348 2.608696 2.469565  
## 2 King Edward 6.931481 8.793519 1.862037 2.203704  
## DeltaHgb\_div\_RBCUnit  
## 1 1.0904638  
## 2 0.8369753



## 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| 11.27| 11.27|  
## | |Not Hemorrhage | 193| 256| 34.53| 45.80|  
## | |NA | 24| 280| 4.29| 50.09|  
## |02 No |Hemorrhage | 28| 308| 5.01| 55.10|  
## | |Not Hemorrhage | 7| 315| 1.25| 56.35|  
## | |NA | 8| 323| 1.43| 57.78|  
## |97 Unknown |Hemorrhage | 28| 351| 5.01| 62.79|  
## | |Not Hemorrhage | 71| 422| 12.70| 75.49|  
## | |NA | 39| 461| 6.98| 82.47|  
## |NA |Hemorrhage | 57| 518| 10.20| 92.67|  
## | |Not Hemorrhage | 19| 537| 3.40| 96.06|  
## | |NA | 22| 559| 3.94| 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| 29.16| 29.16|  
## | |02 No | 109| 272| 19.50| 48.66|  
## | |97 Unknown | 1| 273| 0.18| 48.84|  
## | |NA | 7| 280| 1.25| 50.09|  
## |02 No |01 Yes | 27| 307| 4.83| 54.92|  
## | |02 No | 11| 318| 1.97| 56.89|  
## | |97 Unknown | 2| 320| 0.36| 57.25|  
## | |NA | 3| 323| 0.54| 57.78|  
## |97 Unknown |01 Yes | 111| 434| 19.86| 77.64|  
## | |02 No | 21| 455| 3.76| 81.40|  
## | |97 Unknown | 1| 456| 0.18| 81.57|  
## | |NA | 5| 461| 0.89| 82.47|  
## |NA |01 Yes | 53| 514| 9.48| 91.95|  
## | |02 No | 21| 535| 3.76| 95.71|  
## | |NA | 24| 559| 4.29| 100.00|

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

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

##   
##   
## |Anemic\*Bleeding |Bleeding this Preg. | Freq| cumFreq| freqPercent| cumPercent|  
## |:---------------|:-------------------|----:|-------:|-----------:|----------:|  
## |Anemia\_Only |02 No | 109| 109| 21.12| 21.12|  
## |Bleeding\_Only |01 Yes | 53| 162| 10.27| 31.40|  
## |Both |01 Yes | 163| 325| 31.59| 62.98|  
## |Neither |01 Yes | 138| 463| 26.74| 89.73|  
## | |02 No | 53| 516| 10.27| 100.00|

summary(freqlist(table(aim3\_chki.tx.conf$anemic.and.bleeding,  
 aim3\_chki.tx.conf$ATF\_IdAnemicDuringCurrPreg),  
 labelTranslations = c("Anemic\*Bleeding",  
 "Anemic Curr. Preg.")))

##   
##   
## |Anemic\*Bleeding |Anemic Curr. Preg. | Freq| cumFreq| freqPercent| cumPercent|  
## |:---------------|:------------------|----:|-------:|-----------:|----------:|  
## |Anemia\_Only |01 Yes | 109| 109| 24.06| 24.06|  
## |Both |01 Yes | 163| 272| 35.98| 60.04|  
## |Neither |02 No | 43| 315| 9.49| 69.54|  
## | |97 Unknown | 138| 453| 30.46| 100.00|

## Crosstabs: Q6.5 (blood tx. rationale) and new group variabl

anemic.and.bleeding.nona<-subset(  
 aim3\_chki.tx.conf,!(is.na(anemic.and.bleeding))  
)  
summary(freqlist(table(anemic.and.bleeding.nona$anemic.and.bleeding,  
 anemic.and.bleeding.nona$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| 8.54| 8.54|  
## | |\_ChronicAnemia \_Other | 5| 50| 0.95| 9.49|  
## | |\_OBHemorrhage | 3| 53| 0.57| 10.06|  
## | |\_OBHemorrhage \_Other | 2| 55| 0.38| 10.44|  
## | |\_OBHemorrhage \_Surgical | 2| 57| 0.38| 10.82|  
## | |\_Other | 25| 82| 4.74| 15.56|  
## | |\_Surgical | 8| 90| 1.52| 17.08|  
## | |\_Surgical \_ChronicAnemia | 1| 91| 0.19| 17.27|  
## | |NA | 18| 109| 3.42| 20.68|  
## |Bleeding\_Only |\_OBHemorrhage | 36| 145| 6.83| 27.51|  
## | |\_OBHemorrhage \_Other | 2| 147| 0.38| 27.89|  
## | |\_Other | 6| 153| 1.14| 29.03|  
## | |\_Surgical | 1| 154| 0.19| 29.22|  
## | |NA | 8| 162| 1.52| 30.74|  
## |Both |\_ChronicAnemia | 5| 167| 0.95| 31.69|  
## | |\_OBHemorrhage | 49| 216| 9.30| 40.99|  
## | |\_OBHemorrhage \_ChronicAnemia | 1| 217| 0.19| 41.18|  
## | |\_OBHemorrhage \_Other | 3| 220| 0.57| 41.75|  
## | |\_Other | 85| 305| 16.13| 57.87|  
## | |\_Other \_Unknown | 2| 307| 0.38| 58.25|  
## | |\_Surgical | 14| 321| 2.66| 60.91|  
## | |NA | 4| 325| 0.76| 61.67|  
## |Neither |\_Anaesthetic | 2| 327| 0.38| 62.05|  
## | |\_ChronicAnemia | 2| 329| 0.38| 62.43|  
## | |\_ChronicAnemia \_Other | 2| 331| 0.38| 62.81|  
## | |\_OBHemorrhage | 53| 384| 10.06| 72.87|  
## | |\_OBHemorrhage \_Anaesthetic | 1| 385| 0.19| 73.06|  
## | |\_OBHemorrhage \_Other | 6| 391| 1.14| 74.19|  
## | |\_Other | 46| 437| 8.73| 82.92|  
## | |\_Surgical | 35| 472| 6.64| 89.56|  
## | |NA | 55| 527| 10.44| 100.00|

## Crosstabs: Q6.5 (blood tx. rationale) and gest.wks.tri

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

##   
##   
## |Gest. Age. Group |Med. Rationale Tx. | Freq| cumFreq| freqPercent| cumPercent|  
## |:----------------|:-----------------------------|----:|-------:|-----------:|----------:|  
## |<14 |\_ChronicAnemia | 6| 6| 1.35| 1.35|  
## | |\_ChronicAnemia \_Other | 1| 7| 0.22| 1.57|  
## | |\_OBHemorrhage | 76| 83| 17.04| 18.61|  
## | |\_OBHemorrhage \_ChronicAnemia | 1| 84| 0.22| 18.83|  
## | |\_OBHemorrhage \_Other | 7| 91| 1.57| 20.40|  
## | |\_OBHemorrhage \_Surgical | 1| 92| 0.22| 20.63|  
## | |\_Other | 94| 186| 21.08| 41.70|  
## | |\_Other \_Unknown | 1| 187| 0.22| 41.93|  
## | |\_Surgical | 48| 235| 10.76| 52.69|  
## | |\_Surgical \_ChronicAnemia | 1| 236| 0.22| 52.91|  
## |14-25 |\_Anaesthetic | 1| 237| 0.22| 53.14|  
## | |\_ChronicAnemia | 8| 245| 1.79| 54.93|  
## | |\_ChronicAnemia \_Other | 4| 249| 0.90| 55.83|  
## | |\_OBHemorrhage | 68| 317| 15.25| 71.08|  
## | |\_OBHemorrhage \_Anaesthetic | 1| 318| 0.22| 71.30|  
## | |\_OBHemorrhage \_Other | 8| 326| 1.79| 73.09|  
## | |\_OBHemorrhage \_Surgical | 1| 327| 0.22| 73.32|  
## | |\_Other | 46| 373| 10.31| 83.63|  
## | |\_Surgical | 7| 380| 1.57| 85.20|  
## |>25 |\_Anaesthetic | 1| 381| 0.22| 85.43|  
## | |\_ChronicAnemia | 39| 420| 8.74| 94.17|  
## | |\_ChronicAnemia \_Other | 2| 422| 0.45| 94.62|  
## | |\_OBHemorrhage | 9| 431| 2.02| 96.64|  
## | |\_OBHemorrhage \_Other | 1| 432| 0.22| 96.86|  
## | |\_Other | 13| 445| 2.91| 99.78|  
## | |\_Other \_Unknown | 1| 446| 0.22| 100.00|

## “Other” specified for Blood Tx. Rationale

summary(freqlist(table(aim3\_chki.tx.conf$ATF\_MedicalRationaleForTx,  
 aim3\_chki.tx.conf$MedicalRationaleOtherSpecify),  
 labelTranslations = c("Med. Rat. w/ 'Other'",  
 "'Other' Specify")))

##   
##   
## |Med. Rat. w/ 'Other' |'Other' Specify | Freq| cumFreq| freqPercent| cumPercent|  
## |:----------------------|:--------------------------|----:|-------:|-----------:|----------:|  
## |\_ChronicAnemia \_Other |ANEAMIA IN PREGNANCY | 1| 1| 0.70| 0.70|  
## | |BLED X 2 DAYS | 1| 2| 0.70| 1.41|  
## | |HB LOW | 1| 3| 0.70| 2.11|  
## | |ICA | 1| 4| 0.70| 2.82|  
## |\_OBHemorrhage \_Other |ANAEMIA | 1| 5| 0.70| 3.52|  
## | |ANAEMIA PALE | 1| 6| 0.70| 4.23|  
## | |ANEAMIA | 1| 7| 0.70| 4.93|  
## | |CURRETAGE | 1| 8| 0.70| 5.63|  
## | |EVACUATION OF UTERUS | 1| 9| 0.70| 6.34|  
## | |HYPOCHYLAEMIA | 1| 10| 0.70| 7.04|  
## | |INCOMPLETE MISCARRIAGE | 1| 11| 0.70| 7.75|  
## | |IUD | 1| 12| 0.70| 8.45|  
## | |MANUAL REMOVAL OF PRODUCTS | 1| 13| 0.70| 9.15|  
## | |PALE | 2| 15| 1.41| 10.56|  
## | |PALE AND ANAEMIA | 1| 16| 0.70| 11.27|  
## | |POST TOP | 1| 17| 0.70| 11.97|  
## | |RUPTURED ECTOPIC | 1| 18| 0.70| 12.68|  
## | |SALPINGECTOMY | 1| 19| 0.70| 13.38|  
## | |TOP ( ILLEGAL) | 1| 20| 0.70| 14.08|  
## |\_Other |ACUTE ANEAMIA | 2| 22| 1.41| 15.49|  
## | |ANAEMIA | 13| 35| 9.15| 24.65|  
## | |ANEAMIA | 45| 80| 31.69| 56.34|  
## | |ANEAMIA (SEVERE) | 1| 81| 0.70| 57.04|  
## | |ANEAMIA IN PREGNANCY | 1| 82| 0.70| 57.75|  
## | |ANEAMIA SEVERE | 1| 83| 0.70| 58.45|  
## | |ANEMIA | 29| 112| 20.42| 78.87|  
## | |ANMIA | 2| 114| 1.41| 80.28|  
## | |DURING SURGICAL PROCEDURE | 1| 115| 0.70| 80.99|  
## | |ECTOPIC | 1| 116| 0.70| 81.69|  
## | |HB 5.5 | 1| 117| 0.70| 82.39|  
## | |HC LOW | 1| 118| 0.70| 83.10|  
## | |ICA | 5| 123| 3.52| 86.62|  
## | |INCOMPLETE ABORT | 1| 124| 0.70| 87.32|  
## | |IRON DEF | 1| 125| 0.70| 88.03|  
## | |LOW HB | 1| 126| 0.70| 88.73|  
## | |LOW HB 5.0 | 1| 127| 0.70| 89.44|  
## | |MALARIA | 1| 128| 0.70| 90.14|  
## | |MICROCYTIC ANEMIA | 1| 129| 0.70| 90.85|  
## | |PALE ++ | 1| 130| 0.70| 91.55|  
## | |PALE TT | 1| 131| 0.70| 92.25|  
## | |PLACENTA PRAGENIA | 1| 132| 0.70| 92.96|  
## | |RETAINED PLACENTA | 1| 133| 0.70| 93.66|  
## | |RUPTURED ECTOPIC | 2| 135| 1.41| 95.07|  
## | |SALPINGECTOMY | 2| 137| 1.41| 96.48|  
## | |SEPTIC ICA | 1| 138| 0.70| 97.18|  
## | |SEVERE ANAEMIA | 1| 139| 0.70| 97.89|  
## | |SULPINGECTOMY | 1| 140| 0.70| 98.59|  
## | |THROMOCYTOPAGENIA | 1| 141| 0.70| 99.30|  
## |\_Other \_Unknown |ANEAMIA | 1| 142| 0.70| 100.00|

## “Other” Specified for Table 2

summary(freqlist(table(aim3\_chki.tx.conf$ATF\_HemorrhageCause,  
 aim3\_chki.tx.conf$HemorrhageCauseOtherSpecify),  
 labelTranslations = c(  
 "Hemorrhage Cause w/ 'Other'","Other Specify")))

##   
##   
## |Hemorrhage Cause w/ 'Other' |Other Specify | Freq| cumFreq| freqPercent| cumPercent|  
## |:---------------------------------------------------------------|:------------------------------|----:|-------:|-----------:|----------:|  
## |\_IncompleteAbort \_BleedDandC \_Other |IUFD | 1| 1| 5.26| 5.26|  
## | |TOP ( ILLEGAL) | 1| 2| 5.26| 10.53|  
## |\_IncompleteAbort \_BleedingSurgProc \_BleedHysterectomy \_Other |(R) OOPHERECTOMY | 1| 3| 5.26| 15.79|  
## |\_IncompleteAbort \_BleedingSurgProc \_Other |RETAINED PLACENTA | 1| 4| 5.26| 21.05|  
## |\_IncompleteAbort \_Other |FIBROSOS | 1| 5| 5.26| 26.32|  
## | |SEPTIC ICA | 1| 6| 5.26| 31.58|  
## |\_Other |ANEAMIA IN PREGNANCY | 1| 7| 5.26| 36.84|  
## | |APH 2 DEGREE TO CERVICTIS | 1| 8| 5.26| 42.11|  
## | |FETAL MOVEMENT NOT FELT | 1| 9| 5.26| 47.37|  
## | |INCOMPETENCE CERVIX. POST CERC | 1| 10| 5.26| 52.63|  
## | |INEVITABLE | 1| 11| 5.26| 57.89|  
## | |INEVITABLE ABORTION | 1| 12| 5.26| 63.16|  
## | |INTRA UTERINE DEATH | 1| 13| 5.26| 68.42|  
## | |INTRAUTERINE DEATH | 1| 14| 5.26| 73.68|  
## | |IUD | 1| 15| 5.26| 78.95|  
## | |TOP | 1| 16| 5.26| 84.21|  
## |\_ThreatenedAbort \_AnteHemorrhageNS \_Other |INEVITABLE | 1| 17| 5.26| 89.47|  
## |\_ThreatenedAbort \_Other |PALE +++ ANEAMIA | 1| 18| 5.26| 94.74|  
## | |THREATEND ABORTION | 1| 19| 5.26| 100.00|

## “Other” Specified for Table 3

summary(freqlist(table(aim3\_chki.tx.conf$ATF\_CompsThisPregType,  
 aim3\_chki.tx.conf$ComplicationsThisPregnancySP),  
 labelTranslations = c(  
 "Preg. Complications w/ 'Other'",  
 "'Other' Specified")))

##   
##   
## |Preg. Complications w/ 'Other' |'Other' Specified | Freq| cumFreq| freqPercent| cumPercent|  
## |:---------------------------------------------|:------------------------------|----:|-------:|-----------:|----------:|  
## |\_GestroProrteinuricHn \_MultiplePregs \_Other |THROMBOCYTOPAGENIA | 1| 1| 0.43| 0.43|  
## |\_GestroProrteinuricHn \_Other |ANAEMIA IN PREGNANCY | 1| 2| 0.43| 0.87|  
## | |ANEAMIA IN PREGNANCY | 1| 3| 0.43| 1.30|  
## | |ANEMIA | 1| 4| 0.43| 1.73|  
## | |ANEMIA IN PREG | 1| 5| 0.43| 2.16|  
## |\_IntrauterineDeath \_Other |ECTOPIC PREGNANCY ANEAMIA | 1| 6| 0.43| 2.60|  
## |\_MultiplePregs \_Other |ANAEMIA IN PREGNANCY | 1| 7| 0.43| 3.03|  
## | |ANEAMIA IN PREGNANCY | 2| 9| 0.87| 3.90|  
## | |ICA | 1| 10| 0.43| 4.33|  
## | |PRETERM LABOUR | 1| 11| 0.43| 4.76|  
## |\_Other |ACUTE RENAL FAILURE | 1| 12| 0.43| 5.19|  
## | |ANAEMIA | 2| 14| 0.87| 6.06|  
## | |ANAEMIA IN PREG | 1| 15| 0.43| 6.49|  
## | |ANAEMIA IN PREGANCY | 1| 16| 0.43| 6.93|  
## | |ANAEMIA IN PREGNANCY | 2| 18| 0.87| 7.79|  
## | |ANAEMIC | 1| 19| 0.43| 8.23|  
## | |ANAMIA IN PREGNANCY | 1| 20| 0.43| 8.66|  
## | |ANEAMIA | 5| 25| 2.16| 10.82|  
## | |ANEAMIA - IN PREGNANCY | 1| 26| 0.43| 11.26|  
## | |ANEAMIA AND SEVERE ECZEMA | 1| 27| 0.43| 11.69|  
## | |ANEAMIA IN PREGNANCY | 5| 32| 2.16| 13.85|  
## | |ANEMIA | 1| 33| 0.43| 14.29|  
## | |ANEMIA IN PREG | 2| 35| 0.87| 15.15|  
## | |ANEMIA IN PREGNANCY | 1| 36| 0.43| 15.58|  
## | |ANMIA | 1| 37| 0.43| 16.02|  
## | |APH 2 DEGREE TO CERVICITIS | 1| 38| 0.43| 16.45|  
## | |CARDIAC | 1| 39| 0.43| 16.88|  
## | |CARDIAC ON WARFARIN | 1| 40| 0.43| 17.32|  
## | |CHEST PAINS, COUGH, DIARROEA,S | 1| 41| 0.43| 17.75|  
## | |COKPLETE ABORTION | 1| 42| 0.43| 18.18|  
## | |COMPLETE ABORTION | 1| 43| 0.43| 18.61|  
## | |COMPLETE MISCARRIAGE | 1| 44| 0.43| 19.05|  
## | |DIALYSIS | 1| 45| 0.43| 19.48|  
## | |ECTOPIC | 25| 70| 10.82| 30.30|  
## | |ECTOPIC PREG | 1| 71| 0.43| 30.74|  
## | |ECTOPIC PREGNANCY | 12| 83| 5.19| 35.93|  
## | |ECTOPIC RUPTURE | 1| 84| 0.43| 36.36|  
## | |ETOPIC | 2| 86| 0.87| 37.23|  
## | |EXTRA UTERINE PREG | 1| 87| 0.43| 37.66|  
## | |FMNF (IUD) | 1| 88| 0.43| 38.10|  
## | |HYPERTENSION | 1| 89| 0.43| 38.53|  
## | |ICA | 67| 156| 29.00| 67.53|  
## | |ICA - REPLACED PLACENTA | 1| 157| 0.43| 67.97|  
## | |ICA SEPTIC | 1| 158| 0.43| 68.40|  
## | |ICA ( RETAINED PLACENTA) | 1| 159| 0.43| 68.83|  
## | |ICA (INCOMPLETE ABORTION) | 1| 160| 0.43| 69.26|  
## | |ICA X WITH HYPOTENSION | 1| 161| 0.43| 69.70|  
## | |ICAICA | 1| 162| 0.43| 70.13|  
## | |ILLEGAL ABORTION | 1| 163| 0.43| 70.56|  
## | |INCOMPETENCE CERVIX | 1| 164| 0.43| 71.00|  
## | |INCOMPLETE ABORTION | 6| 170| 2.60| 73.59|  
## | |INCOMPLTE ABORTION | 1| 171| 0.43| 74.03|  
## | |INEVITABLE | 5| 176| 2.16| 76.19|  
## | |INEVITABLE ABORTION | 4| 180| 1.73| 77.92|  
## | |INEVITABLE MISCARRIAGE | 1| 181| 0.43| 78.35|  
## | |INTRA UTERINE DEATH | 1| 182| 0.43| 78.79|  
## | |MENORRHAGIA | 1| 183| 0.43| 79.22|  
## | |MISCARIAGE | 1| 184| 0.43| 79.65|  
## | |MISCARRIAGE | 3| 187| 1.30| 80.95|  
## | |NEVITABLE | 1| 188| 0.43| 81.39|  
## | |NO FETAL MOVEMENT | 1| 189| 0.43| 81.82|  
## | |PLACENTA A | 1| 190| 0.43| 82.25|  
## | |PV BLEEDING | 4| 194| 1.73| 83.98|  
## | |PV BLEEDING ABRUPTIO | 1| 195| 0.43| 84.42|  
## | |REFER SECTION 7 | 1| 196| 0.43| 84.85|  
## | |RUPTURED ECTOPIC | 5| 201| 2.16| 87.01|  
## | |RUPTURED ECTOPIC PREGNACY | 1| 202| 0.43| 87.45|  
## | |RUPTURED ECTOPIC PREGNANCY | 8| 210| 3.46| 90.91|  
## | |SEPTIC COMPLETE MISCARRIAGE | 1| 211| 0.43| 91.34|  
## | |SEPTIC ICA | 4| 215| 1.73| 93.07|  
## | |SEPTIC ICH | 2| 217| 0.87| 93.94|  
## | |SEVER VANEMIA | 1| 218| 0.43| 94.37|  
## | |TB | 1| 219| 0.43| 94.81|  
## | |TOP - 3MALARIA TABS TAKEN | 1| 220| 0.43| 95.24|  
## | |TOP 29/08/2015 | 1| 221| 0.43| 95.67|  
## | |UNRUPTURED ECTOPIC PREGNANCY | 1| 222| 0.43| 96.10|  
## | |UTERINE BLEEDING | 1| 223| 0.43| 96.54|  
## | |UTERINE BLEEDING | 1| 224| 0.43| 96.97|  
## | |UTERIVE BLEEDING | 1| 225| 0.43| 97.40|  
## | |VIRAL WARTS | 1| 226| 0.43| 97.84|  
## |\_Other \_Unknown |BLEEDING CAUSE UNKNOWN | 1| 227| 0.43| 98.27|  
## |\_PlacentaPrevia \_Other |ANEAMIA IN PREGNANCY | 1| 228| 0.43| 98.70|  
## | |APH | 1| 229| 0.43| 99.13|  
## |\_ThreatenedAbort \_Other |ANAEMIA | 1| 230| 0.43| 99.57|  
## | |ICA | 1| 231| 0.43| 100.00|

summary(freqlist(table(aim3\_chki.tx.conf$ATF\_CompsThisAdmType,  
 aim3\_chki.tx.conf$ComplicationsThisAdmissionSP),  
 labelTranslations = c(  
 "Adm. Complications w/ 'Other'",  
 "'Other' Specified")))

##   
##   
## |Adm. Complications w/ 'Other' |'Other' Specified | Freq| cumFreq| freqPercent| cumPercent|  
## |:----------------------------------------------------|:-----------------------------------------|----:|-------:|-----------:|----------:|  
## |\_Other |BLEEDING | 1| 1| 3.03| 3.03|  
## | |INCOMPETENT CERVIX | 1| 2| 3.03| 6.06|  
## | |MALARIA + | 1| 3| 3.03| 9.09|  
## | |PRETERM LABOUR BLEEDING | 1| 4| 3.03| 12.12|  
## | |RETAINED PRODUCTS | 2| 6| 6.06| 18.18|  
## | |RUPTURED ECTOPIC PREGNANCY | 1| 7| 3.03| 21.21|  
## |\_SymptAnaemia \_Cardiovascular \_Respiratory \_Other |MULTIPLE, ORGAN DYSFUNCTION, SEPTIC SHOCK | 1| 8| 3.03| 24.24|  
## |\_SymptAnaemia \_LocalSepsis \_Other |PV BLEEDING 5/7 | 1| 9| 3.03| 27.27|  
## |\_SymptAnaemia \_Other |DIARRHOEA AND VOMITING | 1| 10| 3.03| 30.30|  
## | |FIBROID | 1| 11| 3.03| 33.33|  
## | |HAD ATRIAC FIBRICIATION | 1| 12| 3.03| 36.36|  
## | |HYPOKALAGEMIA | 1| 13| 3.03| 39.39|  
## | |HYPOVOLAEMIC SHOCK | 2| 15| 6.06| 45.45|  
## | |HYPOVOLAENIC SHOCK | 1| 16| 3.03| 48.48|  
## | |HYPOVOLEAMIC SHOCK | 3| 19| 9.09| 57.58|  
## | |HYPOVOLEANCE SHOCK | 1| 20| 3.03| 60.61|  
## | |HYPOVOLEANIC SHOCK | 1| 21| 3.03| 63.64|  
## | |HYPOVOLENIC SHOCK METABOLIC AG | 1| 22| 3.03| 66.67|  
## | |PERFORATED UTERUS | 1| 23| 3.03| 69.70|  
## | |PV BLEEDING | 1| 24| 3.03| 72.73|  
## | |PV BLEEDING +1 | 1| 25| 3.03| 75.76|  
## | |PVB BLEEDING | 1| 26| 3.03| 78.79|  
## | |RENAL IMPAIREMENT | 1| 27| 3.03| 81.82|  
## | |RENAL IMPAIRMENT | 1| 28| 3.03| 84.85|  
## | |RETAINED PLACENTA | 1| 29| 3.03| 87.88|  
## | |RETAINED PRODUCTS | 4| 33| 12.12| 100.00|